Astrodienst Ephemeris Tables

from the year 2100 for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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ASTRODIENST EPHEMERIS for the year 2100
geocentric

JANUARY 2100 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 42 57	10♑36'16	7♍25	18♑ 0	20♒ 4	29♈32	21♎12	25♎38	17♈44	17°R17	2°R24	19°R50	20♓56	12♈13	1♐52	F 1
S 2	6 46 54	11°37'24	21°27	19°38	21°16	29°56	21°19	25°41	17°45	17♍17	2♉24	19°D50	20°53	12°20	1°58	S 2
S 3	6 50 50	12°38'33	5♎31	21°16	22°28	0♉21	21°25	25°45	17°45	17°17	2°24	19♓50	20°50	12°27	2° 5	S 3
M 4	6 54 47	13°39'42	19°36	22°53	23°40	0°46	21°31	25°48	17°46	17°16	2°23	19°R50	20°47	12°33	2°12	M 4
T 5	6 58 43	14°40'51	3♏42	24°31	24°52	1°12	21°37	25°51	17°46	17°15	2°23	19°48	20°44	12°40	2°18	T 5
W 6	7 2 40	15°42'01	17°47	26° 9	26° 4	1°37	21°42	25°54	17°46	17°15	2°23	19°44	20°40	12°47	2°25	W 6
T 7	7 6 37	16°43'11	1♐49	27°47	27°16	2° 3	21°48	25°57	17°47	17°14	2°23	19°38	20°37	12°53	2°31	T 7
F 8	7 10 33	17°44'21	15°45	29°25	28°28	2°30	21°53	26° 0	17°48	17°14	2°22	19°29	20°34	13° 0	2°38	F 8
S 9	7 14 30	18°45'31	29°33	1♒ 3	29°39	2°56	21°59	26° 3	17°48	17°13	2°22	19°18	20°31	13° 7	2°44	S 9
S 10	7 18 26	19°46'42	13♑ 7	2°41	0♓51	3°23	22° 4	26° 5	17°49	17°12	2°22	19° 7	20°28	13°13	2°51	S 10
M11	7 22 23	20°47'52	26°25	4°18	2° 2	3°50	22° 8	26° 8	17°50	17°12	2°22	18°57	20°24	13°20	2°57	M11
T 12	7 26 19	21°49'02	9♒25	5°55	3°13	4°18	22°13	26°10	17°51	17°11	2°22	18°49	20°21	13°27	3° 3	T 12
W13	7 30 16	22°50'11	22° 7	7°31	4°24	4°45	22°18	26°13	17°52	17°10	2°22	18°43	20°18	13°33	3° 9	W13
T 14	7 34 13	23°51'20	4♓31	9° 6	5°36	5°13	22°22	26°15	17°52	17° 9	2°22	18°39	20°15	13°40	3°15	T 14
F 15	7 38 9	24°52'28	16°40	10°39	6°47	5°42	22°26	26°17	17°53	17° 8	2°22	18°D38	20°12	13°47	3°21	F 15
S 16	7 42 6	25°53'36	28°37	12°11	7°57	6°10	22°30	26°19	17°54	17° 7	2°D22	18°38	20° 9	13°53	3°27	S 16
S 17	7 46 2	26°54'43	10♈27	13°42	9° 8	6°38	22°34	26°21	17°55	17° 6	2°22	18°40	20° 5	14° 0	3°33	S 17
M18	7 49 59	27°55'49	22°15	15°10	10°19	7° 7	22°38	26°23	17°57	17° 6	2°22	18°R41	20° 2	14° 7	3°39	M18
T 19	7 53 55	28°56'54	4♉ 7	16°35	11°29	7°36	22°41	26°25	17°58	17° 5	2°22	18°41	19°59	14°13	3°44	T 19
W20	7 57 52	29°57'59	16° 7	17°57	12°40	8° 5	22°45	26°27	17°59	17° 4	2°22	18°39	19°56	14°20	3°50	W20
T 21	8 1 48	0♒59'03	28°20	19°15	13°50	8°35	22°48	26°28	18° 0	17° 3	2°22	18°35	19°53	14°27	3°56	T 21
F 22	8 5 45	2° 0'07	10♊52	20°29	15° 0	9° 4	22°51	26°30	18° 2	17° 2	2°22	18°30	19°50	14°33	4° 1	F 22
S 23	8 9 42	3° 1'09	23°44	21°37	16°10	9°34	22°54	26°31	18° 3	17° 0	2°22	18°22	19°46	14°40	4° 7	S 23
S 24	8 13 38	4° 2'11	6♋59	22°39	17°20	10° 4	22°56	26°32	18° 4	16°59	2°23	18°15	19°43	14°47	4°12	S 24
M25	8 17 35	5° 3'11	20°35	23°34	18°29	10°34	22°59	26°33	18° 6	16°58	2°23	18° 7	19°40	14°53	4°17	M25
T 26	8 21 31	6° 4'11	4♌31	24°22	19°39	11° 5	23° 1	26°34	18° 7	16°57	2°23	18° 0	19°37	15° 0	4°22	T 26
W27	8 25 28	7° 5'10	18°42	25° 1	20°48	11°35	23° 3	26°35	18° 9	16°56	2°23	17°55	19°34	15° 7	4°27	W27
T 28	8 29 24	8° 6'08	3♍ 4	25°30	21°58	12° 6	23° 5	26°36	18°10	16°55	2°23	17°52	19°30	15°13	4°32	T 28
F 29	8 33 21	9° 7'06	17°30	25°49	23° 7	12°37	23° 7	26°37	18°12	16°53	2°24	17°D51	19°27	15°20	4°37	F 29
S 30	8 37 17	10° 8'02	1♎56	25°R58	24°15	13° 7	23° 8	26°37	18°14	16°52	2°24	17°52	19°24	15°26	4°42	S 30
S 31	8 41 14	11♒ 8'58	16♎18	25♒55	25♓24	13♉39	23♎10	26♎38	18♈16	16♍51	2♉24	17♓53	19♓21	15♈33	4♐47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 0	9n48	1n 5	24s19	2s 7	16s33	1s51	12n11	0n57	7s 5	1n17	7s39	2n25	6n23	0s38	5n54	0n58	3s37	16s55	4s 1	3s35	6n33	17s35	3n 0
S 2	22 55	3 15	0s 9	24 6	2 8	16 8	1 50	12 21	0 58	7 7	1 17	7 40	2 26	6 23	0 38	5 55	0 58	3 37	16 55	4 2	3 37	6 37	17 36	3 1
S 3	22 50	3s27	1 23	23 52	2 9	15 43	1 48	12 31	0 59	7 9	1 17	7 41	2 26	6 23	0 38	5 55	0 58	3 37	16 55	4 2	3 38	6 40	17 37	3 1
M 4	22 44	10 0	2 32	23 37	2 9	15 18	1 47	12 41	1 0	7 11	1 17	7 42	2 26	6 23	0 38	5 55	0 58	3 37	16 54	4 2	3 39	6 43	17 38	3 1
T 5	22 37	16 3	3 31	23 19	2 9	14 52	1 45	12 51	1 2	7 13	1 17	7 43	2 26	6 23	0 38	5 55	0 58	3 37	16 54	4 2	3 40	6 47	17 38	3 2
W 6	22 30	21 15	4 18	23 1	2 9	14 27	1 43	13 1	1 3	7 15	1 18	7 43	2 27	6 24	0 38	5 56	0 58	3 36	16 54	4 4	3 42	6 50	17 39	3 2
T 7	22 23	25 14	4 49	22 41	2 7	14 0	1 41	13 11	1 4	7 17	1 18	7 44	2 27	6 24	0 38	5 56	0 58	3 36	16 53	4 6	3 43	6 53	17 40	3 3
F 8	22 15	27 41	5 3	22 19	2 6	13 33	1 39	13 21	1 5	7 19	1 18	7 45	2 27	6 24	0 38	5 56	0 58	3 36	16 53	4 10	3 44	6 57	17 41	3 3
S 9	22 7	28 25	4 59	21 56	2 4	13 6	1 37	13 31	1 5	7 21	1 18	7 46	2 27	6 24	0 37	5 56	0 58	3 35	16 52	4 14	3 45	7 0	17 42	3 4
S 10	21 58	27 23	4 38	21 31	2 1	12 39	1 35	13 41	1 6	7 22	1 19	7 47	2 28	6 25	0 37	5 57	0 58	3 35	16 52	4 18	3 47	7 3	17 42	3 4
M11	21 49	24 49	4 2	21 5	1 58	12 11	1 33	13 51	1 7	7 24	1 19	7 47	2 28	6 25	0 37	5 57	0 58	3 35	16 52	4 22	3 48	7 7	17 43	3 5
T 12	21 40	21 0	3 14	20 37	1 54	11 44	1 30	14 1	1 8	7 25	1 19	7 48	2 28	6 25	0 37	5 57	0 58	3 35	16 51	4 25	3 49	7 10	17 44	3 5
W13	21 30	16 18	2 17	20 9	1 49	11 15	1 28	14 11	1 9	7 27	1 19	7 49	2 28	6 26	0 37	5 58	0 58	3 34	16 51	4 28	3 50	7 13	17 45	3 6
T 14	21 19	11 1	1 15	19 39	1 44	10 47	1 25	14 21	1 10	7 28	1 20	7 49	2 29	6 26	0 37	5 58	0 58	3 34	16 51	4 29	3 52	7 17	17 45	3 6
F 15	21 9	5 25	0 11	19 7	1 38	10 18	1 23	14 31	1 11	7 30	1 20	7 50	2 29	6 27	0 37	5 58	0 58	3 34	16 50	4 30	3 53	7 20	17 46	3 6
S 16	20 58	0n16	0n54	18 35	1 31	9 49	1 20	14 42	1 11	7 31	1 20	7 50	2 29	6 27	0 37	5 59	0 58	3 33	16 50	4 29	3 54	7 23	17 46	3 7
S 17	20 46	5 54	1 55	18 2	1 23	9 20	1 17	14 52	1 12	7 32	1 20	7 51	2 29	6 27	0 37	5 59	0 58	3 33	16 50	4 29	3 55	7 27	17 47	3 7
M18	20 34	11 18	2 51	17 28	1 15	8 51	1 14	15 2	1 13	7 33	1 21	7 51	2 30	6 28	0 37	6 0	0 58	3 33	16 49	4 29	3 57	7 30	17 48	3 8
T 19	20 22	16 20	3 40	16 54	1 5	8 21	1 11	15 12	1 14	7 34	1 21	7 51	2 30	6 28	0 37	6 0	0 59	3 32	16 49	4 29	3 58	7 33	17 48	3 8
W20	20 9	20 48	4 20	16 19	0 55	7 51	1 8	15 22	1 14	7 35	1 21	7 52	2 30	6 29	0 37	6 0	0 59	3 32	16 49	4 29	3 59	7 37	17 49	3 9
T 21	19 56	24 29	4 50	15 44	0 44	7 21	1 5	15 32	1 15	7 36	1 21	7 52	2 31	6 29	0 37	6 1	0 59	3 31	16 48	4 31	4 0	7 40	17 49	3 9
F 22	19 42	27 6	5 6	15 9	0 32	6 51	1 1	15 43	1 16	7 37	1 22	7 52	2 31	6 30	0 37	6 1	0 59	3 31	16 48	4 33	4 2	7 43	17 50	3 10
S 23	19 28	28 24	5 7	14 35	0 19	6 21	0 58	15 53	1 16	7 38	1 22	7 53	2 31	6 30	0 37	6 2	0 59	3 31	16 47	4 36	4 3	7 47	17 50	3 10
S 24	19 14	28 7	4 52	14 2	0 5	5 50	0 54	16 3	1 17	7 39	1 22	7 53	2 31	6 31	0 37	6 2	0 59	3 30	16 47	4 39	4 4	7 50	17 51	3 11
M25	19 0	26 9	4 21	13 30	0n10	5 20	0 51	16 13	1 18	7 39	1 22	7 53	2 32	6 32	0 37	6 3	0 59	3 30	16 47	4 42	4 5	7 53	17 51	3 12
T 26	18 45	22 34	3 33	12 59	0 26	4 49	0 47	16 23	1 18	7 40	1 23	7 53	2 32	6 32	0 37	6 3	0 59	3 29	16 46	4 44	4 7	7 57	17 52	3 12
W27	18 30	17 37	2 32	12 31	0 42	4 18	0 43	16 33	1 19	7 40	1 23	7 53	2 32	6 33	0 37	6 4	0 59	3 29	16 46	4 46	4 8	8 0	17 52	3 13
T 28	18 14	11 37	1 20	12 5	0 59	3 47	0 39	16 43	1 19	7 41	1 23	7 53	2 32	6 33	0 37	6 4	0 59	3 29	16 46	4 48	4 9	8 3	17 52	3 13
F 29	17 58	4 58	0 2	11 42	1 16	3 17	0 35	16 53	1 20	7 41	1 23	7 53	2 33	6 34	0 37	6 5	0 59	3 28	16 45	4 48	4 10	8 7	17 53	3 14
S 30	17 42	1s56	1s16	11 23	1 34	2 46	0 31	17 3	1 20	7 42	1 24	7 53	2 33	6 35	0 37	6 5	0 59	3 28	16 45	4 48	4 12	8 10	17 53	3 14
S 31	17s25	8s42	2s29	11s 7	1n52	2s14	0s27	17n13	1n21	7s42	1n24	7s53	2n33	6n35	0s37	6n 6	0n59	3s27	16s45	4s47	4s13	8n13	17s53	3n15

Julian Day Number = 2488069.5, Delta T = 93.18 sec
Ecliptic obliquity = 23°25'43, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°08'15, Lahiri = 25°15'15

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ASTRODIENST EPHEMERIS for the year 2100
geocentric

FEBRUARY 2100 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 45 11	12♒ 9'54	0♏33	25°R41	26♓33	14♉10	23♎11	26♎38	18♈17	16°R50	2♉25	17♓55	19♓18	15♈40	4♐52	M 1
T 2	8 49 7	13°10'49	14°39	25♒16	27°41	14°41	23°12	26°39	18°19	16♍48	2°25	17°R55	19°15	15°46	4°56	T 2
W 3	8 53 4	14°11'43	28°34	24°40	28°49	15°13	23°12	26°39	18°21	16°47	2°25	17°54	19°11	15°53	5° 1	W 3
T 4	8 57 0	15°12'36	12♐19	23°54	29°57	15°44	23°13	26°R39	18°23	16°46	2°26	17°52	19° 8	16° 0	5° 5	T 4
F 5	9 0 57	16°13'29	25°51	23° 0	1♈ 5	16°16	23°13	26°39	18°25	16°44	2°26	17°48	19° 5	16° 6	5° 9	F 5
S 6	9 4 53	17°14'21	9♑12	21°58	2°12	16°48	23°14	26°39	18°27	16°43	2°27	17°43	19° 2	16°13	5°14	S 6
S 7	9 8 50	18°15'12	22°20	20°51	3°20	17°20	23°R14	26°38	18°29	16°42	2°27	17°38	18°59	16°20	5°18	S 7
M 8	9 12 46	19°16'02	5♒14	19°40	4°27	17°52	23°13	26°38	18°31	16°40	2°28	17°33	18°56	16°26	5°22	M 8
T 9	9 16 43	20°16'50	17°54	18°28	5°34	18°25	23°13	26°38	18°33	16°39	2°28	17°29	18°52	16°33	5°26	T 9
W10	9 20 40	21°17'37	0♓22	17°16	6°41	18°57	23°13	26°37	18°35	16°37	2°29	17°26	18°49	16°40	5°30	W10
T 11	9 24 36	22°18'23	12°36	16° 7	7°47	19°30	23°12	26°36	18°38	16°36	2°29	17°D25	18°46	16°46	5°33	T 11
F 12	9 28 33	23°19'08	24°39	15° 2	8°53	20° 2	23°11	26°36	18°40	16°34	2°30	17°25	18°43	16°53	5°37	F 12
S 13	9 32 29	24°19'51	6♈34	14° 2	9°59	20°35	23°10	26°35	18°42	16°33	2°31	17°26	18°40	17° 0	5°41	S 13
S 14	9 36 26	25°20'32	18°24	13° 8	11° 5	21° 8	23° 8	26°34	18°44	16°31	2°31	17°28	18°36	17° 6	5°44	S 14
M15	9 40 22	26°21'12	0♉12	12°22	12°11	21°41	23° 7	26°33	18°47	16°30	2°32	17°30	18°33	17°13	5°47	M15
T 16	9 44 19	27°21'51	12° 3	11°44	13°16	22°14	23° 5	26°31	18°49	16°28	2°32	17°31	18°30	17°20	5°51	T 16
W17	9 48 15	28°22'27	24° 2	11°13	14°21	22°47	23° 3	26°30	18°52	16°27	2°33	17°R32	18°27	17°26	5°54	W17
T 18	9 52 12	29°23'02	6♊13	10°50	15°25	23°20	23° 1	26°29	18°54	16°25	2°34	17°32	18°24	17°33	5°57	T 18
F 19	9 56 9	0♓23'36	18°42	10°35	16°30	23°54	22°59	26°27	18°57	16°23	2°35	17°31	18°21	17°40	6° 0	F 19
S 20	10 0 5	1°24'07	1♋32	10°27	17°34	24°27	22°56	26°26	18°59	16°22	2°35	17°29	18°17	17°46	6° 3	S 20
S 21	10 4 2	2°24'37	14°46	10°D27	18°37	25° 1	22°54	26°24	19° 2	16°20	2°36	17°27	18°14	17°53	6° 6	S 21
M22	10 7 58	3°25'05	28°26	10°33	19°41	25°34	22°51	26°22	19° 4	16°19	2°37	17°25	18°11	18° 0	6° 8	M22
T 23	10 11 55	4°25'31	12♌31	10°46	20°44	26° 8	22°48	26°20	19° 7	16°17	2°38	17°24	18° 8	18° 6	6°11	T 23
W24	10 15 51	5°25'55	26°57	11° 4	21°46	26°42	22°45	26°18	19°10	16°15	2°38	17°22	18° 5	18°13	6°13	W24
T 25	10 19 48	6°26'18	11♍40	11°29	22°49	27°16	22°41	26°16	19°12	16°14	2°39	17°D22	18° 2	18°20	6°16	T 25
F 26	10 23 44	7°26'39	26°33	11°58	23°51	27°50	22°38	26°14	19°15	16°12	2°40	17°22	17°58	18°26	6°18	F 26
S 27	10 27 41	8°26'58	11♎26	12°32	24°52	28°24	22°34	26°12	19°18	16°10	2°41	17°22	17°55	18°33	6°20	S 27
S 28	10 31 38	9♓27'16	26♎14	13♒10	25♈53	28♉58	22♎30	26♎ 9	19♈21	16♍ 9	2♉42	17♓23	17♓52	18♈40	6♐22	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s 8	14s58	3s32	10s56	2n 9	1s43	0s23	17n22	1n21	7s42	1n24	7s53	2n34	6n36	0s37	6n 6	0n59	3s27	16s44	4s47	4s14	8n17	17s54	3n15
T 2	16 51	20 23	4 21	10 48	2 26	1 12	0 19	17 32	1 22	7 42	1 24	7 53	2 34	6 37	0 37	6 7	0 59	3 26	16 44	4 46	4 15	8 20	17 54	3 16
W 3	16 34	24 37	4 55	10 45	2 41	0 41	0 14	17 42	1 22	7 42	1 25	7 53	2 34	6 38	0 37	6 7	0 59	3 26	16 43	4 47	4 17	8 23	17 54	3 16
T 4	16 16	27 24	5 11	10 47	2 56	0 10	0 10	17 52	1 23	7 42	1 25	7 52	2 34	6 38	0 37	6 8	0 59	3 25	16 43	4 48	4 18	8 26	17 54	3 17
F 5	15 58	28 31	5 9	10 52	3 9	0n21	0 5	18 1	1 23	7 42	1 25	7 52	2 35	6 39	0 37	6 8	0 59	3 25	16 43	4 49	4 19	8 30	17 55	3 18
S 6	15 40	27 57	4 51	11 2	3 20	0 52	0 0	18 11	1 23	7 42	1 25	7 52	2 35	6 40	0 36	6 9	0 59	3 25	16 42	4 51	4 20	8 33	17 55	3 18
S 7	15 21	25 48	4 17	11 14	3 29	1 23	0n 4	18 20	1 24	7 42	1 26	7 51	2 35	6 41	0 36	6 10	0 59	3 24	16 42	4 53	4 22	8 36	17 55	3 19
M 8	15 2	22 22	3 31	11 30	3 35	1 54	0 9	18 30	1 24	7 41	1 26	7 51	2 35	6 42	0 36	6 10	0 59	3 24	16 42	4 55	4 23	8 40	17 55	3 19
T 9	14 43	17 55	2 35	11 48	3 39	2 25	0 14	18 39	1 25	7 41	1 26	7 51	2 36	6 42	0 36	6 11	0 59	3 23	16 41	4 57	4 24	8 43	17 55	3 20
W10	14 24	12 47	1 32	12 8	3 41	2 56	0 19	18 49	1 25	7 41	1 26	7 50	2 36	6 43	0 36	6 11	0 59	3 23	16 41	4 58	4 25	8 46	17 55	3 20
T 11	14 4	7 14	0 27	12 30	3 40	3 27	0 24	18 58	1 25	7 40	1 27	7 50	2 36	6 44	0 36	6 12	0 59	3 22	16 41	4 58	4 27	8 49	17 55	3 21
F 12	13 44	1 31	0n40	12 51	3 37	3 58	0 29	19 7	1 26	7 40	1 27	7 49	2 37	6 45	0 36	6 12	0 59	3 22	16 40	4 58	4 28	8 53	17 55	3 22
S 13	13 24	4n12	1 44	13 13	3 32	4 29	0 34	19 16	1 26	7 39	1 27	7 49	2 37	6 46	0 36	6 13	0 59	3 21	16 40	4 58	4 29	8 56	17 55	3 22
S 14	13 4	9 43	2 43	13 35	3 25	4 59	0 39	19 25	1 26	7 38	1 27	7 48	2 37	6 47	0 36	6 14	0 59	3 21	16 40	4 57	4 30	8 59	17 56	3 23
M15	12 44	14 53	3 35	13 56	3 17	5 30	0 45	19 34	1 27	7 37	1 28	7 47	2 37	6 48	0 36	6 14	0 59	3 20	16 39	4 56	4 32	9 3	17 56	3 23
T 16	12 23	19 32	4 18	14 15	3 8	6 0	0 50	19 43	1 27	7 37	1 28	7 47	2 38	6 49	0 36	6 15	0 59	3 20	16 39	4 56	4 33	9 6	17 55	3 24
W17	12 2	23 27	4 50	14 34	2 57	6 30	0 55	19 52	1 27	7 36	1 28	7 46	2 38	6 50	0 36	6 16	0 59	3 19	16 39	4 55	4 34	9 9	17 55	3 25
T 18	11 41	26 25	5 10	14 51	2 46	7 0	1 1	20 1	1 27	7 35	1 28	7 45	2 38	6 51	0 36	6 16	0 59	3 18	16 38	4 55	4 35	9 12	17 55	3 25
F 19	11 20	28 12	5 16	15 7	2 33	7 30	1 6	20 9	1 28	7 34	1 28	7 44	2 38	6 52	0 36	6 17	0 59	3 18	16 38	4 56	4 36	9 16	17 55	3 26
S 20	10 58	28 32	5 7	15 21	2 21	8 0	1 12	20 18	1 28	7 33	1 29	7 44	2 39	6 53	0 36	6 17	0 59	3 17	16 38	4 56	4 38	9 19	17 55	3 26
S 21	10 37	27 16	4 41	15 33	2 8	8 29	1 18	20 26	1 28	7 31	1 29	7 43	2 39	6 54	0 36	6 18	0 59	3 17	16 37	4 57	4 39	9 22	17 55	3 27
M22	10 15	24 22	3 59	15 44	1 55	8 59	1 23	20 34	1 28	7 30	1 29	7 42	2 39	6 55	0 36	6 19	0 59	3 16	16 37	4 58	4 40	9 25	17 55	3 28
T 23	9 53	19 57	3 1	15 53	1 43	9 28	1 29	20 43	1 28	7 29	1 29	7 41	2 39	6 56	0 36	6 19	0 59	3 16	16 37	4 59	4 41	9 29	17 55	3 28
W24	9 31	14 15	1 51	16 0	1 30	9 57	1 35	20 51	1 29	7 27	1 30	7 40	2 40	6 57	0 36	6 20	0 59	3 15	16 37	4 59	4 43	9 32	17 55	3 29
T 25	9 9	7 40	0 32	16 6	1 17	10 25	1 41	20 59	1 29	7 26	1 30	7 39	2 40	6 58	0 36	6 21	0 59	3 15	16 36	4 59	4 44	9 35	17 54	3 29
F 26	8 46	0 36	0s51	16 10	1 4	10 54	1 46	21 7	1 29	7 24	1 30	7 38	2 40	6 59	0 36	6 21	1 0	3 14	16 36	4 59	4 45	9 38	17 54	3 30
S 27	8 24	6s31	2 10	16 12	0 52	11 22	1 52	21 15	1 29	7 23	1 30	7 37	2 40	7 0	0 36	6 22	1 0	3 14	16 36	4 59	4 46	9 42	17 54	3 31
S 28	8s 1	13s13	3s19	16s13	0n40	11n50	1n58	21n22	1n29	7s21	1n30	7s36	2n40	7n 1	0s36	6n23	1n 0	3s13	16s35	4s59	4s48	9n45	17s54	3n31

Julian Day Number = 2488100.5, Delta T = 93.22 sec
Ecliptic obliquity = 23°25'43, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°08'19, Lahiri = 25°15'20

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ASTRODIENST EPHEMERIS for the year 2100
geocentric

MARCH 2100 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 35 34	10♓27'33	10♏50	13♒53	26♈54	29♉32	22°R26	26°R 7	19♈23	16°R 7	2♉43	17♓24	17♓49	18♈46	6♐24	M 1
T 2	10 39 31	11°27'48	25° 9	14°39	27°54	0♊ 6	22♎22	26♎ 4	19°26	16♍ 5	2°44	17°24	17°46	18°53	6°26	T 2
W 3	10 43 27	12°28'02	9♐ 9	15°29	28°54	0°40	22°18	26° 2	19°29	16° 4	2°45	17°R24	17°42	19° 0	6°28	W 3
T 4	10 47 24	13°28'14	22°50	16°23	29°54	1°15	22°13	25°59	19°32	16° 2	2°46	17°24	17°39	19° 6	6°29	T 4
F 5	10 51 20	14°28'25	6♑11	17°19	0♉53	1°49	22° 9	25°56	19°35	16° 0	2°47	17°24	17°36	19°13	6°31	F 5
S 6	10 55 17	15°28'34	19°14	18°18	1°51	2°24	22° 4	25°53	19°38	15°59	2°47	17°24	17°33	19°20	6°32	S 6
S 7	10 59 13	16°28'42	2♒ 1	19°20	2°49	2°58	21°59	25°50	19°41	15°57	2°48	17°24	17°30	19°26	6°34	S 7
M 8	11 3 10	17°28'48	14°35	20°24	3°47	3°33	21°54	25°47	19°44	15°55	2°50	17°D24	17°27	19°33	6°35	M 8
T 9	11 7 7	18°28'52	26°56	21°30	4°44	4° 7	21°48	25°44	19°47	15°54	2°51	17°24	17°23	19°40	6°36	T 9
W10	11 11 3	19°28'54	9♓ 7	22°39	5°40	4°42	21°43	25°41	19°50	15°52	2°52	17°24	17°20	19°46	6°37	W10
T 11	11 15 0	20°28'55	21°10	23°50	6°36	5°17	21°37	25°38	19°53	15°50	2°53	17°R24	17°17	19°53	6°38	T 11
F 12	11 18 56	21°28'53	3♈ 6	25° 3	7°31	5°52	21°32	25°34	19°56	15°49	2°54	17°24	17°14	20° 0	6°39	F 12
S 13	11 22 53	22°28'50	14°57	26°17	8°26	6°27	21°26	25°31	19°59	15°47	2°55	17°23	17°11	20° 6	6°39	S 13
S 14	11 26 49	23°28'44	26°46	27°34	9°20	7° 1	21°20	25°27	20° 2	15°45	2°56	17°23	17° 8	20°13	6°40	S 14
M15	11 30 46	24°28'37	8♉35	28°52	10°14	7°36	21°14	25°24	20° 6	15°44	2°57	17°22	17° 4	20°20	6°40	M15
T 16	11 34 42	25°28'28	20°27	0♓12	11° 6	8°11	21° 7	25°20	20° 9	15°42	2°58	17°21	17° 1	20°26	6°41	T 16
W17	11 38 39	26°28'16	2♊26	1°33	11°58	8°47	21° 1	25°17	20°12	15°41	2°59	17°20	16°58	20°33	6°41	W17
T 18	11 42 35	27°28'02	14°36	2°56	12°50	9°22	20°54	25°13	20°15	15°39	3° 0	17°19	16°55	20°40	6°41	T 18
F 19	11 46 32	28°27'46	27° 1	4°20	13°40	9°57	20°48	25° 9	20°18	15°37	3° 2	17°D18	16°52	20°46	6°R41	F 19
S 20	11 50 29	29°27'28	9♋45	5°46	14°30	10°32	20°41	25° 5	20°22	15°36	3° 3	17°19	16°48	20°53	6°41	S 20
S 21	11 54 25	0♈27'07	22°52	7°13	15°19	11° 7	20°34	25° 1	20°25	15°34	3° 4	17°19	16°45	21° 0	6°41	S 21
M22	11 58 22	1°26'44	6♌25	8°42	16° 7	11°43	20°28	24°57	20°28	15°32	3° 5	17°20	16°42	21° 6	6°40	M22
T 23	12 2 18	2°26'19	20°25	10°12	16°55	12°18	20°21	24°53	20°32	15°31	3° 6	17°22	16°39	21°13	6°40	T 23
W24	12 6 15	3°25'52	4♍52	11°44	17°41	12°53	20°14	24°49	20°35	15°29	3° 8	17°23	16°36	21°20	6°39	W24
T 25	12 10 11	4°25'22	19°41	13°16	18°26	13°29	20° 6	24°45	20°38	15°28	3° 9	17°R23	16°33	21°26	6°39	T 25
F 26	12 14 8	5°24'50	4♎46	14°51	19°11	14° 4	19°59	24°41	20°42	15°26	3°10	17°22	16°29	21°33	6°38	F 26
S 27	12 18 4	6°24'16	19°58	16°26	19°54	14°40	19°52	24°36	20°45	15°25	3°11	17°21	16°26	21°40	6°37	S 27
S 28	12 22 1	7°23'41	5♏ 7	18° 3	20°36	15°15	19°45	24°32	20°48	15°23	3°12	17°18	16°23	21°46	6°36	S 28
M29	12 25 58	8°23'03	20° 5	19°41	21°18	15°51	19°37	24°28	20°52	15°22	3°14	17°16	16°20	21°53	6°35	M29
T 30	12 29 54	9°22'24	4♐43	21°21	21°58	16°26	19°30	24°24	20°55	15°20	3°15	17°13	16°17	22° 0	6°34	T 30
W31	12 33 51	10♈21'43	18♐57	23♓ 2	22♉37	17♊ 2	19♎22	24♎19	20♈58	15♍19	3♉16	17♓11	16♓13	22♈ 6	6♐33	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s39	19s 6	4s15	16s12	0n28	12n17	2n 4	21n30	1n30	7s20	1n31	7s35	2n41	7n 2	0s36	6n23	1n 0	3s12	16s35	4s59	4s49	9n48	17s53	3n32
T 2	7 16	23 48	4 54	16 9	0 17	12 45	2 10	21 37	1 30	7 18	1 31	7 34	2 41	7 3	0 36	6 24	1 0	3 12	16 35	4 58	4 50	9 51	17 53	3 33
W 3	6 53	26 59	5 14	16 5	0 6	13 12	2 16	21 45	1 30	7 16	1 31	7 33	2 41	7 4	0 36	6 25	1 0	3 11	16 34	4 58	4 51	9 55	17 53	3 33
T 4	6 30	28 30	5 16	16 0	0s 5	13 39	2 22	21 52	1 30	7 14	1 31	7 32	2 41	7 5	0 36	6 25	1 0	3 11	16 34	4 58	4 53	9 58	17 52	3 34
F 5	6 7	28 17	5 1	15 53	0 15	14 5	2 28	21 59	1 30	7 12	1 31	7 30	2 42	7 6	0 36	6 26	1 0	3 10	16 34	4 58	4 54	10 1	17 52	3 34
S 6	5 43	26 30	4 30	15 44	0 25	14 31	2 34	22 6	1 30	7 10	1 32	7 29	2 42	7 8	0 36	6 27	1 0	3 10	16 34	4 59	4 55	10 4	17 52	3 35
S 7	5 20	23 22	3 46	15 34	0 35	14 57	2 40	22 13	1 30	7 8	1 32	7 28	2 42	7 9	0 36	6 27	1 0	3 9	16 33	4 59	4 56	10 8	17 51	3 36
M 8	4 57	19 12	2 52	15 22	0 44	15 23	2 46	22 20	1 30	7 6	1 32	7 27	2 42	7 10	0 36	6 28	1 0	3 8	16 33	4 59	4 58	10 11	17 51	3 36
T 9	4 33	14 16	1 51	15 9	0 53	15 48	2 52	22 27	1 31	7 4	1 32	7 25	2 42	7 11	0 36	6 29	1 0	3 8	16 33	4 59	4 59	10 14	17 50	3 37
W10	4 10	8 51	0 46	14 55	1 1	16 13	2 59	22 33	1 31	7 2	1 32	7 24	2 43	7 12	0 36	6 29	1 0	3 7	16 33	4 59	5 0	10 17	17 50	3 38
T 11	3 46	3 11	0n21	14 39	1 9	16 37	3 5	22 40	1 31	7 0	1 32	7 23	2 43	7 13	0 36	6 30	1 0	3 7	16 32	4 59	5 1	10 21	17 49	3 38
F 12	3 23	2n33	1 26	14 22	1 17	17 1	3 11	22 46	1 31	6 57	1 33	7 21	2 43	7 15	0 36	6 31	1 0	3 6	16 32	4 59	5 2	10 24	17 49	3 39
S 13	2 59	8 9	2 27	14 4	1 24	17 25	3 17	22 52	1 31	6 55	1 33	7 20	2 43	7 16	0 36	6 31	1 0	3 6	16 32	4 59	5 4	10 27	17 48	3 39
S 14	2 35	13 27	3 22	13 44	1 30	17 48	3 23	22 58	1 31	6 53	1 33	7 18	2 43	7 17	0 36	6 32	1 0	3 5	16 32	4 59	5 5	10 30	17 48	3 40
M15	2 12	18 15	4 7	13 23	1 37	18 11	3 29	23 4	1 31	6 50	1 33	7 17	2 43	7 18	0 36	6 32	1 0	3 5	16 31	4 59	5 6	10 33	17 47	3 41
T 16	1 48	22 24	4 43	13 0	1 43	18 33	3 35	23 10	1 31	6 48	1 33	7 15	2 44	7 19	0 36	6 33	1 0	3 4	16 31	5 0	5 7	10 37	17 47	3 41
W17	1 24	25 39	5 6	12 36	1 48	18 55	3 41	23 15	1 31	6 45	1 33	7 14	2 44	7 21	0 35	6 34	1 0	3 3	16 31	5 0	5 9	10 40	17 46	3 42
T 18	1 0	27 47	5 17	12 11	1 53	19 17	3 47	23 21	1 31	6 43	1 34	7 12	2 44	7 22	0 35	6 34	1 0	3 3	16 31	5 1	5 10	10 43	17 45	3 43
F 19	0 37	28 36	5 12	11 45	1 58	19 38	3 53	23 26	1 31	6 40	1 34	7 11	2 44	7 23	0 35	6 35	1 0	3 2	16 31	5 1	5 11	10 46	17 45	3 43
S 20	0 13	27 57	4 53	11 17	2 2	19 59	3 59	23 31	1 31	6 38	1 34	7 9	2 44	7 24	0 35	6 36	1 0	3 2	16 30	5 1	5 12	10 49	17 44	3 44
S 21	0n11	25 44	4 18	10 48	2 6	20 19	4 5	23 36	1 31	6 35	1 34	7 8	2 44	7 26	0 35	6 36	1 0	3 1	16 30	5 0	5 14	10 53	17 44	3 45
M22	0 34	22 1	3 28	10 18	2 10	20 39	4 11	23 41	1 31	6 32	1 34	7 6	2 44	7 27	0 35	6 37	1 0	3 1	16 30	5 0	5 15	10 56	17 43	3 45
T 23	0 58	16 57	2 24	9 47	2 13	20 59	4 17	23 46	1 31	6 30	1 34	7 5	2 45	7 28	0 35	6 38	1 0	3 0	16 30	4 59	5 16	10 59	17 42	3 46
W24	1 22	10 47	1 9	9 15	2 15	21 17	4 22	23 51	1 31	6 27	1 34	7 3	2 45	7 29	0 35	6 38	1 0	2 59	16 30	4 59	5 17	11 2	17 41	3 46
T 25	1 45	3 53	0s13	8 41	2 17	21 36	4 28	23 55	1 31	6 24	1 34	7 1	2 45	7 31	0 35	6 39	1 0	2 59	16 29	4 59	5 19	11 5	17 41	3 47
F 26	2 9	3s20	1 35	8 6	2 19	21 54	4 34	23 59	1 31	6 21	1 34	7 0	2 45	7 32	0 35	6 39	1 0	2 58	16 29	4 59	5 20	11 9	17 40	3 48
S 27	2 33	10 26	2 50	7 30	2 20	22 11	4 39	24 3	1 31	6 19	1 34	6 58	2 45	7 33	0 35	6 40	1 0	2 58	16 29	5 0	5 21	11 12	17 39	3 48
S 28	2 56	16 54	3 54	6 53	2 21	22 28	4 45	24 7	1 31	6 16	1 34	6 56	2 45	7 34	0 35	6 41	1 0	2 57	16 29	5 1	5 22	11 15	17 38	3 49
M29	3 19	22 15	4 41	6 15	2 21	22 44	4 50	24 11	1 31	6 13	1 35	6 55	2 45	7 36	0 35	6 41	1 0	2 57	16 29	5 2	5 23	11 18	17 38	3 50
T 30	3 43	26 7	5 8	5 35	2 21	23 0	4 55	24 15	1 31	6 10	1 35	6 53	2 45	7 37	0 35	6 42	1 0	2 56	16 29	5 3	5 25	11 21	17 37	3 50
W31	4n 6	28s12	5s15	4s55	2s20	23n15	5n 0	24n19	1n31	6s 7	1n35	6s51	2n45	7n38	0s35	6n42	1n 0	2s56	16s28	5s 4	5s26	11n24	17s36	3n51

Julian Day Number = 2488128.5, Delta T = 93.26 sec
Ecliptic obliquity = 23°25'44, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°08'23, Lahiri = 25°15'23

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ASTRODIENST EPHEMERIS for the year 2100
geocentric

APRIL 2100 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 47	11♈21'00	2♉44	24♓44	23♉14	17♊38	19°R15	24°R15	21♈ 2	15°R17	3♉18	17°R 9	16♓10	22♈13	6°R32	T 1
F 2	12 41 44	12°20'16	16° 6	26°28	23°51	18°13	19♎ 7	24♎10	21° 5	15♍16	3°19	17°D 9	16° 7	22°20	6♐30	F 2
S 3	12 45 40	13°19'29	29° 4	28°13	24°26	18°49	19° 0	24° 6	21° 9	15°14	3°20	17♓10	16° 4	22°26	6°29	S 3
S 4	12 49 37	14°18'41	11♒41	29°59	25° 0	19°25	18°52	24° 1	21°12	15°13	3°22	17°11	16° 1	22°33	6°27	S 4
M 5	12 53 33	15°17'51	24° 2	1♈47	25°32	20° 0	18°44	23°57	21°15	15°11	3°23	17°13	15°58	22°40	6°25	M 5
T 6	12 57 30	16°17'00	6♓10	3°36	26° 3	20°36	18°37	23°52	21°19	15°10	3°24	17°15	15°54	22°46	6°24	T 6
W 7	13 1 27	17°16'06	18°10	5°27	26°32	21°12	18°29	23°48	21°22	15° 9	3°26	17°R15	15°51	22°53	6°22	W 7
T 8	13 5 23	18°15'10	0♈ 3	7°19	27° 0	21°48	18°21	23°43	21°26	15° 7	3°27	17°14	15°48	23° 0	6°20	T 8
F 9	13 9 20	19°14'13	11°53	9°13	27°26	22°24	18°13	23°38	21°29	15° 6	3°28	17°12	15°45	23° 6	6°18	F 9
S 10	13 13 16	20°13'13	23°42	11° 8	27°51	23° 0	18° 6	23°34	21°33	15° 5	3°30	17° 8	15°42	23°13	6°15	S 10
S 11	13 17 13	21°12'12	5♉31	13° 4	28°13	23°36	17°58	23°29	21°36	15° 3	3°31	17° 2	15°39	23°20	6°13	S 11
M12	13 21 9	22°11'08	17°23	15° 2	28°34	24°11	17°50	23°25	21°39	15° 2	3°32	16°56	15°35	23°26	6°11	M12
T 13	13 25 6	23°10'02	29°20	17° 1	28°53	24°47	17°43	23°20	21°43	15° 1	3°34	16°49	15°32	23°33	6° 8	T 13
W14	13 29 2	24° 8'54	11♊24	19° 2	29°10	25°23	17°35	23°15	21°46	15° 0	3°35	16°43	15°29	23°40	6° 6	W14
T 15	13 32 59	25° 7'45	23°37	21° 3	29°25	26° 0	17°27	23°11	21°50	14°58	3°36	16°38	15°26	23°47	6° 3	T 15
F 16	13 36 56	26° 6'32	6♋ 3	23° 6	29°38	26°36	17°20	23° 6	21°53	14°57	3°38	16°34	15°23	23°53	6° 0	F 16
S 17	13 40 52	27° 5'18	18°44	25°11	29°49	27°12	17°12	23° 2	21°57	14°56	3°39	16°32	15°19	24° 0	5°58	S 17
S 18	13 44 49	28° 4'01	1♌45	27°16	29°57	27°48	17° 5	22°57	22° 0	14°55	3°40	16°D32	15°16	24° 7	5°55	S 18
M19	13 48 45	29° 2'42	15° 9	29°22	0♊ 3	28°24	16°57	22°52	22° 3	14°54	3°42	16°33	15°13	24°13	5°52	M19
T 20	13 52 42	0♉ 1'21	28°58	1♉29	0° 7	29° 0	16°50	22°48	22° 7	14°53	3°43	16°34	15°10	24°20	5°49	T 20
W21	13 56 38	0°59'58	13♍13	3°36	0°R 9	29°36	16°43	22°43	22°10	14°52	3°45	16°R35	15° 7	24°27	5°46	W21
T 22	14 0 35	1°58'32	27°53	5°44	0° 8	0♋12	16°35	22°39	22°14	14°51	3°46	16°34	15° 4	24°33	5°43	T 22
F 23	14 4 31	2°57'04	12♎53	7°51	0° 5	0°48	16°28	22°34	22°17	14°50	3°47	16°32	15° 0	24°40	5°39	F 23
S 24	14 8 28	3°55'34	28° 7	9°59	29♉59	1°25	16°21	22°30	22°20	14°49	3°49	16°27	14°57	24°47	5°36	S 24
S 25	14 12 25	4°54'03	13♏23	12° 6	29°51	2° 1	16°14	22°25	22°24	14°48	3°50	16°21	14°54	24°53	5°33	S 25
M26	14 16 21	5°52'29	28°32	14°12	29°41	2°37	16° 7	22°21	22°27	14°47	3°52	16°14	14°51	25° 0	5°29	M26
T 27	14 20 18	6°50'54	13♐23	16°17	29°27	3°13	16° 0	22°16	22°30	14°46	3°53	16° 6	14°48	25° 7	5°26	T 27
W28	14 24 14	7°49'17	27°50	18°20	29°12	3°50	15°54	22°12	22°34	14°45	3°54	16° 0	14°45	25°13	5°22	W28
T 29	14 28 11	8°47'39	11♑47	20°22	28°54	4°26	15°47	22° 8	22°37	14°44	3°56	15°54	14°41	25°20	5°19	T 29
F 30	14 32 7	9♉45'59	25♑15	22♉22	28♉34	5♋ 2	15♎40	22♎ 3	22♈40	14♍43	3♉57	15♓51	14♓38	25♈27	5♐15	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n29	28s27	5s 4	4s13	2s19	23n30	5n 6	24n22	1n31	6s 4	1n35	6s50	2n46	7n39	0s35	6n43	1n 0	2s55	16s28	5s 4	5s27	11n28	17s35	3n51
F 2	4 52	27 1	4 36	3 30	2 17	23 44	5 10	24 25	1 31	6 1	1 35	6 48	2 46	7 41	0 35	6 43	1 0	2 54	16 28	5 4	5 28	11 31	17 34	3 52
S 3	5 15	24 10	3 55	2 47	2 15	23 58	5 15	24 28	1 31	5 58	1 35	6 46	2 46	7 42	0 35	6 44	1 0	2 54	16 28	5 4	5 30	11 34	17 34	3 53
S 4	5 38	20 12	3 3	2 2	2 13	24 11	5 20	24 31	1 31	5 56	1 35	6 45	2 46	7 43	0 35	6 44	1 0	2 53	16 28	5 3	5 31	11 37	17 33	3 53
M 5	6 1	15 27	2 4	1 16	2 9	24 23	5 24	24 34	1 31	5 53	1 35	6 43	2 46	7 45	0 35	6 45	1 0	2 53	16 28	5 3	5 32	11 40	17 32	3 54
T 6	6 24	10 11	1 0	0 30	2 6	24 35	5 29	24 36	1 31	5 50	1 35	6 41	2 46	7 46	0 35	6 46	1 0	2 52	16 28	5 2	5 33	11 43	17 31	3 54
W 7	6 47	4 36	0n 5	0n18	2 2	24 46	5 33	24 39	1 31	5 47	1 35	6 40	2 46	7 47	0 35	6 46	1 0	2 52	16 28	5 2	5 35	11 47	17 30	3 55
T 8	7 9	1n 5	1 10	1 7	1 57	24 56	5 37	24 41	1 31	5 44	1 35	6 38	2 46	7 48	0 35	6 47	1 0	2 51	16 27	5 2	5 36	11 50	17 29	3 56
F 9	7 32	6 42	2 11	1 56	1 52	25 6	5 41	24 43	1 31	5 41	1 35	6 36	2 46	7 50	0 35	6 47	1 0	2 51	16 27	5 3	5 37	11 53	17 28	3 56
S 10	7 54	12 4	3 6	2 46	1 46	25 15	5 44	24 45	1 31	5 38	1 35	6 34	2 46	7 51	0 35	6 48	1 0	2 50	16 27	5 5	5 38	11 56	17 27	3 57
S 11	8 16	17 1	3 53	3 37	1 40	25 24	5 48	24 47	1 31	5 35	1 35	6 33	2 46	7 52	0 35	6 48	1 0	2 50	16 27	5 7	5 40	11 59	17 26	3 57
M12	8 38	21 20	4 31	4 29	1 33	25 32	5 51	24 48	1 30	5 32	1 35	6 31	2 46	7 54	0 35	6 49	1 0	2 49	16 27	5 9	5 41	12 2	17 25	3 58
T 13	9 0	24 49	4 56	5 21	1 26	25 39	5 54	24 50	1 30	5 29	1 35	6 29	2 46	7 55	0 35	6 49	1 0	2 49	16 27	5 12	5 42	12 5	17 24	3 58
W14	9 22	27 14	5 9	6 14	1 19	25 45	5 56	24 51	1 30	5 26	1 35	6 28	2 46	7 56	0 35	6 49	1 0	2 48	16 27	5 15	5 43	12 9	17 23	3 59
T 15	9 43	28 24	5 8	7 7	1 11	25 51	5 58	24 52	1 30	5 24	1 35	6 26	2 46	7 57	0 35	6 50	1 0	2 48	16 27	5 17	5 44	12 12	17 22	4 0
F 16	10 5	28 10	4 53	8 1	1 2	25 55	6 0	24 53	1 30	5 21	1 34	6 24	2 46	7 59	0 35	6 50	1 0	2 47	16 27	5 18	5 46	12 15	17 21	4 0
S 17	10 26	26 28	4 23	8 55	0 53	25 59	6 2	24 54	1 30	5 18	1 34	6 23	2 46	8 0	0 35	6 51	1 0	2 47	16 27	5 19	5 47	12 18	17 20	4 1
S 18	10 47	23 19	3 39	9 49	0 44	26 2	6 3	24 54	1 30	5 15	1 34	6 21	2 46	8 1	0 35	6 51	1 0	2 46	16 27	5 19	5 48	12 21	17 19	4 1
M19	11 8	18 52	2 42	10 43	0 34	26 5	6 4	24 55	1 30	5 12	1 34	6 19	2 46	8 3	0 35	6 52	0 59	2 46	16 27	5 19	5 49	12 24	17 18	4 2
T 20	11 28	13 18	1 34	11 36	0 24	26 6	6 4	24 55	1 30	5 10	1 34	6 18	2 46	8 4	0 35	6 52	0 59	2 45	16 27	5 18	5 51	12 27	17 17	4 2
W21	11 49	6 52	0 18	12 30	0 14	26 6	6 4	24 55	1 30	5 7	1 34	6 16	2 46	8 5	0 35	6 52	0 59	2 45	16 27	5 18	5 52	12 30	17 16	4 3
T 22	12 9	0s 5	1s 1	13 23	0 3	26 6	6 4	24 55	1 29	5 4	1 34	6 14	2 46	8 6	0 35	6 53	0 59	2 44	16 27	5 18	5 53	12 33	17 15	4 3
F 23	12 29	7 12	2 17	14 14	0n 8	26 4	6 3	24 55	1 29	5 2	1 34	6 13	2 46	8 8	0 35	6 53	0 59	2 44	16 27	5 19	5 54	12 37	17 14	4 4
S 24	12 49	13 59	3 25	15 5	0 18	26 1	6 1	24 54	1 29	4 59	1 34	6 11	2 46	8 9	0 35	6 54	0 59	2 43	16 27	5 21	5 55	12 40	17 13	4 4
S 25	13 9	19 57	4 18	15 55	0 29	25 57	5 59	24 54	1 29	4 56	1 34	6 9	2 46	8 10	0 35	6 54	0 59	2 43	16 27	5 23	5 57	12 43	17 12	4 5
M26	13 28	24 35	4 53	16 44	0 40	25 53	5 57	24 53	1 29	4 54	1 34	6 8	2 46	8 11	0 35	6 54	0 59	2 42	16 26	5 26	5 58	12 46	17 11	4 5
T 27	13 48	27 28	5 7	17 30	0 51	25 47	5 54	24 52	1 29	4 51	1 33	6 6	2 46	8 13	0 35	6 55	0 59	2 42	16 26	5 29	5 59	12 49	17 10	4 6
W28	14 7	28 25	5 1	18 15	1 1	25 39	5 50	24 51	1 29	4 49	1 33	6 5	2 46	8 14	0 35	6 55	0 59	2 42	16 27	5 31	6 0	12 52	17 9	4 6
T 29	14 25	27 30	4 37	18 59	1 11	25 31	5 46	24 50	1 29	4 46	1 33	6 3	2 45	8 15	0 35	6 55	0 59	2 41	16 27	5 33	6 2	12 55	17 8	4 7
F 30	14n44	24s58	3s58	19n40	1n21	25n22	5n41	24n48	1n28	4s44	1n33	6s 2	2n45	8n16	0s35	6n56	0n59	2s41	16s27	5s35	6s 3	12n58	17s 7	4n 7

Julian Day Number = 2488159.5, Delta T = 93.30 sec
Ecliptic obliquity = 23°25'44, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°08'27, Lahiri = 25°15'28

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ASTRODIENST EPHEMERIS for the year 2100
geocentric

MAY 2100 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 4	10♉44'18	8♒16	24♉19	28°R11	5♋38	15°R34	21°R59	22♈44	14°R43	3♉58	15°D50	14♓35	25♈33	5°R11	S 1
S 2	14 40 0	11°42'35	20°52	26°14	27♉47	6°15	15♎28	21♎55	22°47	14♍42	4° 0	15♓51	14°32	25°40	5♐ 7	S 2
M 3	14 43 57	12°40'50	3♓ 9	28° 6	27°20	6°51	15°21	21°51	22°50	14°41	4° 1	15°52	14°29	25°47	5° 3	M 3
T 4	14 47 54	13°39'04	15°13	29°55	26°51	7°28	15°15	21°47	22°54	14°40	4° 3	15°R52	14°25	25°53	5° 0	T 4
W 5	14 51 50	14°37'16	27° 7	1♊41	26°21	8° 4	15° 9	21°43	22°57	14°40	4° 4	15°51	14°22	26° 0	4°56	W 5
T 6	14 55 47	15°35'27	8♈55	3°24	25°49	8°40	15° 3	21°39	23° 0	14°39	4° 5	15°49	14°19	26° 7	4°52	T 6
F 7	14 59 43	16°33'36	20°43	5° 3	25°15	9°17	14°58	21°35	23° 3	14°39	4° 7	15°43	14°16	26°13	4°48	F 7
S 8	15 3 40	17°31'44	2♉32	6°38	24°41	9°53	14°52	21°31	23° 7	14°38	4° 8	15°36	14°13	26°20	4°44	S 8
S 9	15 7 36	18°29'50	14°25	8° 9	24° 5	10°30	14°47	21°27	23°10	14°37	4° 9	15°26	14°10	26°27	4°39	S 9
M10	15 11 33	19°27'55	26°24	9°37	23°28	11° 6	14°41	21°23	23°13	14°37	4°11	15°14	14° 6	26°33	4°35	M10
T 11	15 15 29	20°25'58	8♊29	11° 1	22°51	11°43	14°36	21°19	23°16	14°36	4°12	15° 2	14° 3	26°40	4°31	T 11
W12	15 19 26	21°23'59	20°43	12°21	22°13	12°19	14°31	21°15	23°19	14°36	4°13	14°50	14° 0	26°47	4°27	W12
T 13	15 23 23	22°21'59	3♋ 5	13°36	21°36	12°56	14°26	21°12	23°22	14°36	4°15	14°40	13°57	26°54	4°23	T 13
F 14	15 27 19	23°19'57	15°39	14°48	20°58	13°32	14°22	21° 8	23°25	14°35	4°16	14°32	13°54	27° 0	4°18	F 14
S 15	15 31 16	24°17'53	28°26	15°55	20°21	14° 9	14°17	21° 5	23°29	14°35	4°17	14°27	13°51	27° 7	4°14	S 15
S 16	15 35 12	25°15'47	11♌28	16°59	19°44	14°45	14°13	21° 1	23°32	14°34	4°19	14°24	13°47	27°14	4°10	S 16
M17	15 39 9	26°13'39	24°48	17°58	19° 8	15°22	14° 9	20°58	23°35	14°34	4°20	14°D24	13°44	27°20	4° 5	M17
T 18	15 43 5	27°11'30	8♍28	18°52	18°34	15°58	14° 4	20°55	23°38	14°34	4°21	14°R24	13°41	27°27	4° 1	T 18
W19	15 47 2	28° 9'19	22°31	19°42	18° 0	16°35	14° 1	20°52	23°41	14°34	4°23	14°24	13°38	27°34	3°57	W19
T 20	15 50 58	29° 7'06	6♎55	20°28	17°28	17°11	13°57	20°48	23°44	14°33	4°24	14°22	13°35	27°40	3°52	T 20
F 21	15 54 55	0♏ 4'52	21°40	21° 9	16°58	17°48	13°53	20°45	23°46	14°33	4°25	14°18	13°31	27°47	3°48	F 21
S 22	15 58 52	1° 2'35	6♏39	21°45	16°29	18°25	13°50	20°42	23°49	14°33	4°26	14°12	13°28	27°54	3°44	S 22
S 23	16 2 48	2° 0'18	21°45	22°17	16° 3	19° 1	13°47	20°40	23°52	14°33	4°28	14° 3	13°25	28° 0	3°39	S 23
M24	16 6 45	2°57'59	6♐48	22°44	15°38	19°38	13°43	20°37	23°55	14°33	4°29	13°52	13°22	28° 7	3°35	M24
T 25	16 10 41	3°55'39	21°38	23° 7	15°16	20°15	13°41	20°34	23°58	14°33	4°30	13°41	13°19	28°14	3°30	T 25
W26	16 14 38	4°53'18	6♑ 6	23°24	14°56	20°51	13°38	20°31	24° 1	14°D33	4°31	13°31	13°16	28°20	3°26	W26
T 27	16 18 34	5°50'56	20° 8	23°37	14°38	21°28	13°35	20°29	24° 3	14°33	4°32	13°23	13°12	28°27	3°22	T 27
F 28	16 22 31	6°48'32	3♒41	23°45	14°22	22° 5	13°33	20°26	24° 6	14°33	4°34	13°18	13° 9	28°34	3°17	F 28
S 29	16 26 28	7°46'08	16°46	23°R48	14° 9	22°41	13°31	20°24	24° 9	14°33	4°35	13°14	13° 6	28°40	3°13	S 29
S 30	16 30 24	8°43'43	29°26	23°47	13°59	23°18	13°29	20°22	24°12	14°33	4°36	13°13	13° 3	28°47	3° 9	S 30
M31	16 34 21	9♊41'16	11♓45	23♊41	13♉51	23♋55	13♎27	20♎19	24♈14	14♍33	4♉37	13♓13	13♓ 0	28♈54	3♐ 4	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	15n 2	21s13	3s 8	20n18	1n30	25n11	5n35	24n47	1n28	4s42	1n33	6s 0	2n45	8n18	0s35	6n56	0n59	2s40	16s27	5s35	6s 4	13n 1	17s 5	4n 8	S 1
S 2	15 20	16 35	2 10	20 55	1 39	24 59	5 29	24 45	1 28	4 39	1 33	5 59	2 45	8 19	0 35	6 56	0 59	2 40	16 27	5 35	6 5	13 4	17 4	4 8	S 2
M 3	15 38	11 24	1 8	21 29	1 48	24 46	5 22	24 43	1 28	4 37	1 33	5 57	2 45	8 20	0 35	6 56	0 59	2 39	16 27	5 34	6 6	13 7	17 3	4 9	M 3
T 4	15 56	5 53	0 4	22 0	1 55	24 32	5 14	24 41	1 28	4 35	1 32	5 56	2 45	8 21	0 35	6 57	0 59	2 39	16 27	5 34	6 8	13 10	17 2	4 9	T 4
W 5	16 13	0 14	1n 0	22 29	2 2	24 17	5 6	24 38	1 28	4 33	1 32	5 54	2 45	8 22	0 35	6 57	0 59	2 39	16 27	5 35	6 9	13 14	17 1	4 10	W 5
T 6	16 30	5n23	2 0	22 56	2 8	24 0	4 57	24 36	1 27	4 31	1 32	5 53	2 45	8 24	0 35	6 57	0 59	2 38	16 27	5 36	6 10	13 17	17 0	4 10	T 6
F 7	16 47	10 47	2 55	23 20	2 14	23 42	4 47	24 33	1 27	4 29	1 32	5 52	2 45	8 25	0 35	6 57	0 59	2 38	16 27	5 38	6 11	13 20	16 59	4 10	F 7
S 8	17 3	15 49	3 42	23 41	2 19	23 24	4 37	24 31	1 27	4 27	1 32	5 50	2 44	8 26	0 35	6 57	0 59	2 38	16 27	5 41	6 13	13 23	16 58	4 11	S 8
S 9	17 19	20 18	4 20	24 0	2 23	23 4	4 26	24 28	1 27	4 25	1 32	5 49	2 44	8 27	0 35	6 58	0 59	2 37	16 27	5 45	6 14	13 26	16 57	4 11	S 9
M10	17 35	23 59	4 46	24 17	2 26	22 44	4 14	24 24	1 27	4 23	1 31	5 48	2 44	8 28	0 35	6 58	0 59	2 37	16 27	5 49	6 15	13 29	16 55	4 12	M10
T 11	17 51	26 39	5 0	24 31	2 28	22 23	4 2	24 21	1 27	4 21	1 31	5 46	2 44	8 29	0 35	6 58	0 59	2 36	16 27	5 54	6 16	13 32	16 54	4 12	T 11
W12	18 6	28 6	5 1	24 43	2 29	22 1	3 50	24 18	1 26	4 19	1 31	5 45	2 44	8 31	0 35	6 58	0 59	2 36	16 27	5 58	6 18	13 35	16 53	4 12	W12
T 13	18 21	28 11	4 47	24 53	2 29	21 39	3 37	24 14	1 26	4 18	1 31	5 44	2 44	8 32	0 35	6 58	0 59	2 36	16 27	6 2	6 19	13 38	16 52	4 13	T 13
F 14	18 36	26 48	4 19	25 1	2 28	21 16	3 24	24 10	1 26	4 16	1 31	5 43	2 44	8 33	0 35	6 58	0 59	2 35	16 27	6 5	6 20	13 41	16 51	4 13	F 14
S 15	18 50	24 2	3 38	25 7	2 27	20 53	3 10	24 6	1 26	4 15	1 30	5 42	2 43	8 34	0 35	6 59	0 59	2 35	16 27	6 7	6 21	13 44	16 50	4 13	S 15
S 16	19 4	19 59	2 45	25 11	2 24	20 29	2 56	24 2	1 26	4 13	1 30	5 41	2 43	8 35	0 35	6 59	0 59	2 35	16 28	6 8	6 22	13 47	16 49	4 14	S 16
M17	19 18	14 51	1 42	25 13	2 21	20 6	2 42	23 58	1 26	4 12	1 30	5 40	2 43	8 36	0 35	6 59	0 59	2 35	16 28	6 8	6 24	13 50	16 48	4 14	M17
T 18	19 31	8 52	0 31	25 14	2 16	19 42	2 28	23 53	1 25	4 10	1 30	5 38	2 43	8 37	0 35	6 59	0 59	2 34	16 28	6 8	6 25	13 53	16 47	4 14	T 18
W19	19 44	2 19	0s43	25 12	2 11	19 19	2 13	23 48	1 25	4 9	1 29	5 37	2 43	8 38	0 35	6 59	0 59	2 34	16 28	6 8	6 26	13 56	16 45	4 15	W19
T 20	19 57	4s32	1 56	25 9	2 4	18 56	1 59	23 44	1 25	4 8	1 29	5 36	2 43	8 40	0 35	6 59	0 59	2 34	16 28	6 9	6 27	13 59	16 44	4 15	T 20
F 21	20 9	11 17	3 4	25 5	1 57	18 34	1 45	23 39	1 25	4 7	1 29	5 35	2 42	8 41	0 35	6 59	0 59	2 33	16 28	6 10	6 28	14 2	16 43	4 15	F 21
S 22	20 22	17 30	3 59	24 59	1 48	18 12	1 30	23 34	1 25	4 5	1 29	5 35	2 42	8 42	0 35	6 59	0 59	2 33	16 28	6 13	6 30	14 5	16 42	4 16	S 22
S 23	20 33	22 41	4 39	24 51	1 39	17 51	1 16	23 28	1 24	4 4	1 28	5 34	2 42	8 43	0 35	6 59	0 59	2 33	16 28	6 16	6 31	14 8	16 41	4 16	S 23
M24	20 45	26 20	4 59	24 42	1 29	17 30	1 2	23 23	1 24	4 3	1 28	5 33	2 42	8 44	0 35	6 59	0 59	2 33	16 29	6 20	6 32	14 11	16 40	4 16	M24
T 25	20 55	28 7	4 58	24 32	1 17	17 10	0 48	23 17	1 24	4 3	1 28	5 32	2 42	8 45	0 35	6 59	0 59	2 32	16 29	6 25	6 33	14 14	16 39	4 16	T 25
W26	21 6	27 55	4 38	24 21	1 5	16 51	0 35	23 11	1 24	4 2	1 28	5 31	2 41	8 46	0 35	6 59	0 59	2 32	16 29	6 28	6 35	14 17	16 38	4 17	W26
T 27	21 16	25 54	4 2	24 9	0 52	16 33	0 21	23 5	1 23	4 1	1 28	5 30	2 41	8 47	0 35	6 59	0 59	2 32	16 29	6 32	6 36	14 20	16 37	4 17	T 27
F 28	21 26	22 27	3 13	23 55	0 38	16 16	0 8	22 59	1 23	4 0	1 27	5 30	2 41	8 48	0 35	6 59	0 59	2 32	16 29	6 34	6 37	14 23	16 36	4 17	F 28
S 29	21 36	17 57	2 15	23 41	0 24	16 1	0s 4	22 53	1 23	4 0	1 27	5 29	2 41	8 49	0 35	6 59	0 59	2 31	16 29	6 35	6 38	14 26	16 35	4 17	S 29
S 30	21 45	12 48	1 12	23 25	0 8	15 46	0 17	22 47	1 23	3 59	1 27	5 28	2 41	8 50	0 35	6 59	0 59	2 31	16 29	6 35	6 39	14 29	16 34	4 17	S 30
M31	21n54	7s16	0s 8	23n 9	0s 8	15n32	0s29	22n40	1n23	3s59	1n27	5s28	2n40	8n51	0s35	6n59	0n59	2s31	16s30	6s36	6s41	14n32	16s33	4n18	M31

Julian Day Number = 2488189.5, Delta T = 93.33 sec
Ecliptic obliquity = 23°25'43, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°08'31, Lahiri = 25°15'32

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ASTRODIENST EPHEMERIS for the year 2100
geocentric

JUNE 2100 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 17	10♊38'49	23♓48	23°R31	13°R45	24♋31	13°R25	20°R17	24♈17	14♍34	4♉38	13°R13	12♓57	29♈ 1	3°R 0	T 1
W 2	16 42 14	11°36'21	5♈42	23♊17	13♉42	25° 8	13♎24	20♎15	24°19	14°34	4°40	13♓12	12°53	29° 7	2♐56	W 2
T 3	16 46 10	12°33'52	17°31	22°59	13°D41	25°45	13°22	20°13	24°22	14°34	4°41	13° 8	12°50	29°14	2°51	T 3
F 4	16 50 7	13°31'23	29°19	22°37	13°42	26°22	13°21	20°11	24°25	14°34	4°42	13° 2	12°47	29°21	2°47	F 4
S 5	16 54 3	14°28'53	11♉11	22°12	13°46	26°58	13°20	20°10	24°27	14°35	4°43	12°54	12°44	29°27	2°43	S 5
S 6	16 58 0	15°26'21	23°10	21°45	13°52	27°35	13°19	20° 8	24°29	14°35	4°44	12°42	12°41	29°34	2°39	S 6
M 7	17 1 56	16°23'49	5♊17	21°15	14° 0	28°12	13°19	20° 6	24°32	14°35	4°45	12°30	12°37	29°41	2°34	M 7
T 8	17 5 53	17°21'17	17°34	20°44	14°10	28°49	13°18	20° 5	24°34	14°36	4°46	12°16	12°34	29°47	2°30	T 8
W 9	17 9 50	18°18'43	0♋ 2	20°11	14°23	29°26	13°18	20° 4	24°37	14°36	4°47	12° 3	12°31	29°54	2°26	W 9
T 10	17 13 46	19°16'08	12°40	19°37	14°37	0♌ 3	13°D18	20° 2	24°39	14°37	4°48	11°52	12°28	0♉ 1	2°22	T 10
F 11	17 17 43	20°13'33	25°29	19° 4	14°53	0°39	13°18	20° 1	24°41	14°37	4°49	11°43	12°25	0° 7	2°18	F 11
S 12	17 21 39	21°10'56	8♌30	18°31	15°12	1°16	13°19	20° 0	24°43	14°38	4°50	11°36	12°22	0°14	2°14	S 12
S 13	17 25 36	22° 8'19	21°43	17°59	15°32	1°53	13°19	19°59	24°46	14°38	4°51	11°33	12°18	0°21	2°10	S 13
M14	17 29 32	23° 5'40	5♍ 9	17°28	15°53	2°30	13°20	19°58	24°48	14°39	4°52	11°32	12°15	0°27	2° 6	M14
T 15	17 33 29	24° 3'00	18°50	17° 0	16°17	3° 7	13°21	19°57	24°50	14°40	4°53	11°32	12°12	0°34	2° 2	T 15
W16	17 37 26	25° 0'20	2♎46	16°34	16°42	3°44	13°22	19°57	24°52	14°40	4°54	11°32	12° 9	0°41	1°58	W16
T 17	17 41 22	25°57'38	16°58	16°12	17° 9	4°21	13°23	19°56	24°54	14°41	4°55	11°30	12° 6	0°48	1°55	T 17
F 18	17 45 19	26°54'56	1♏25	15°52	17°37	4°58	13°24	19°55	24°56	14°42	4°56	11°27	12° 3	0°54	1°51	F 18
S 19	17 49 15	27°52'12	16° 3	15°37	18° 7	5°35	13°26	19°55	24°58	14°42	4°57	11°21	11°59	1° 1	1°47	S 19
S 20	17 53 12	28°49'28	0♐47	15°25	18°38	6°12	13°28	19°55	25° 0	14°43	4°58	11°12	11°56	1° 8	1°44	S 20
M21	17 57 8	29°46'44	15°30	15°17	19°10	6°49	13°30	19°55	25° 2	14°44	4°59	11° 2	11°53	1°14	1°40	M21
T 22	18 1 5	0♋43'59	0♑ 3	15°D14	19°44	7°26	13°32	19°54	25° 4	14°45	5° 0	10°52	11°50	1°21	1°37	T 22
W23	18 5 1	1°41'13	14°20	15°16	20°19	8° 3	13°34	19°D54	25° 6	14°46	5° 1	10°42	11°47	1°28	1°33	W23
T 24	18 8 58	2°38'27	28°15	15°22	20°56	8°40	13°36	19°55	25° 7	14°47	5° 1	10°35	11°43	1°34	1°30	T 24
F 25	18 12 55	3°35'41	11♒45	15°33	21°33	9°17	13°39	19°55	25° 9	14°48	5° 2	10°29	11°40	1°41	1°27	F 25
S 26	18 16 51	4°32'54	24°49	15°49	22°12	9°54	13°42	19°55	25°11	14°49	5° 3	10°26	11°37	1°48	1°24	S 26
S 27	18 20 48	5°30'07	7♓30	16° 9	22°52	10°31	13°45	19°55	25°12	14°50	5° 4	10°D25	11°34	1°54	1°20	S 27
M28	18 24 44	6°27'20	19°51	16°34	23°32	11° 8	13°48	19°56	25°14	14°51	5° 5	10°25	11°31	2° 1	1°17	M28
T 29	18 28 41	7°24'34	1♈57	17° 4	24°14	11°45	13°51	19°56	25°16	14°52	5° 5	10°R26	11°28	2° 8	1°14	T 29
W30	18 32 37	8♋21'47	13♈53	17♊38	24♉57	12♌22	13♎55	19♎57	25♈17	14♍53	5♉ 6	10♓25	11♓24	2♉15	1♐11	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 2	1s36	0n56	22n52	0s24	15n19	0s40	22n34	1n22	3s58	1n26	5s27	2n40	8n52	0s35	6n59	0n59	2s31	16s30	6s36	6s42	14n35	16s32	4n18
W 2	22 10	4n 2	1 56	22 34	0 41	15 7	0 52	22 27	1 22	3 58	1 26	5 26	2 40	8 53	0 35	6 59	0 59	2 31	16 30	6 36	6 43	14 38	16 31	4 18
T 3	22 18	9 30	2 51	22 16	0 58	14 57	1 2	22 20	1 22	3 58	1 26	5 26	2 40	8 53	0 36	6 58	0 59	2 30	16 30	6 37	6 44	14 41	16 30	4 18
F 4	22 25	14 37	3 38	21 58	1 16	14 47	1 13	22 12	1 22	3 57	1 26	5 25	2 39	8 54	0 36	6 58	0 59	2 30	16 30	6 40	6 46	14 44	16 29	4 18
S 5	22 32	19 14	4 16	21 39	1 33	14 39	1 23	22 5	1 21	3 57	1 25	5 25	2 39	8 55	0 36	6 58	0 59	2 30	16 31	6 43	6 47	14 47	16 28	4 19
S 6	22 38	23 7	4 43	21 20	1 51	14 32	1 32	21 58	1 21	3 57	1 25	5 25	2 39	8 56	0 36	6 58	0 59	2 30	16 31	6 47	6 48	14 50	16 27	4 19
M 7	22 44	26 3	4 57	21 1	2 8	14 25	1 41	21 50	1 21	3 57	1 25	5 24	2 39	8 57	0 36	6 58	0 58	2 30	16 31	6 52	6 49	14 53	16 26	4 19
T 8	22 50	27 48	4 58	20 42	2 24	14 20	1 50	21 42	1 21	3 57	1 24	5 24	2 39	8 58	0 36	6 58	0 58	2 30	16 31	6 57	6 50	14 56	16 25	4 19
W 9	22 55	28 11	4 45	20 24	2 40	14 15	1 58	21 34	1 21	3 57	1 24	5 24	2 38	8 59	0 36	6 57	0 58	2 30	16 31	7 2	6 52	14 59	16 24	4 19
T 10	23 0	27 7	4 18	20 6	2 55	14 12	2 6	21 26	1 20	3 58	1 24	5 23	2 38	9 0	0 36	6 57	0 58	2 29	16 32	7 7	6 53	15 2	16 23	4 19
F 11	23 4	24 36	3 38	19 50	3 10	14 10	2 14	21 18	1 20	3 58	1 24	5 23	2 38	9 0	0 36	6 57	0 58	2 29	16 32	7 10	6 54	15 5	16 22	4 19
S 12	23 8	20 47	2 45	19 33	3 23	14 8	2 21	21 10	1 20	3 58	1 23	5 23	2 38	9 1	0 36	6 57	0 58	2 29	16 32	7 12	6 55	15 7	16 22	4 19
S 13	23 12	15 53	1 43	19 18	3 35	14 7	2 28	21 1	1 20	3 59	1 23	5 23	2 37	9 2	0 36	6 57	0 58	2 29	16 32	7 14	6 56	15 10	16 21	4 19
M14	23 15	10 9	0 34	19 5	3 47	14 7	2 35	20 53	1 19	3 59	1 23	5 23	2 37	9 3	0 36	6 56	0 58	2 29	16 33	7 14	6 58	15 13	16 20	4 19
T 15	23 18	3 50	0s39	18 52	3 56	14 8	2 41	20 44	1 19	4 0	1 23	5 23	2 37	9 4	0 36	6 56	0 58	2 29	16 33	7 14	6 59	15 16	16 19	4 20
W16	23 20	2s47	1 50	18 41	4 5	14 9	2 46	20 35	1 19	4 0	1 22	5 23	2 37	9 4	0 36	6 56	0 58	2 29	16 33	7 14	7 0	15 19	16 18	4 20
T 17	23 22	9 22	2 56	18 32	4 12	14 12	2 52	20 26	1 19	4 1	1 22	5 23	2 36	9 5	0 36	6 55	0 58	2 29	16 33	7 15	7 1	15 22	16 18	4 20
F 18	23 24	15 35	3 52	18 25	4 18	14 15	2 57	20 17	1 18	4 2	1 22	5 23	2 36	9 6	0 36	6 55	0 58	2 29	16 34	7 16	7 2	15 25	16 17	4 20
S 19	23 25	20 59	4 33	18 19	4 22	14 18	3 2	20 8	1 18	4 3	1 22	5 23	2 36	9 6	0 36	6 55	0 58	2 29	16 34	7 18	7 4	15 28	16 16	4 20
S 20	23 25	25 9	4 57	18 14	4 25	14 22	3 6	19 58	1 18	4 4	1 21	5 23	2 36	9 7	0 36	6 55	0 58	2 29	16 34	7 22	7 5	15 31	16 15	4 20
M21	23 26	27 37	5 1	18 12	4 27	14 27	3 10	19 49	1 18	4 5	1 21	5 23	2 35	9 8	0 36	6 54	0 58	2 29	16 34	7 25	7 6	15 34	16 15	4 20
T 22	23 26	28 11	4 45	18 11	4 27	14 33	3 14	19 39	1 17	4 6	1 21	5 23	2 35	9 8	0 36	6 54	0 58	2 29	16 35	7 29	7 7	15 37	16 14	4 20
W23	23 25	26 50	4 12	18 13	4 26	14 38	3 18	19 29	1 17	4 7	1 21	5 23	2 35	9 9	0 36	6 53	0 58	2 29	16 35	7 33	7 9	15 39	16 13	4 20
T 24	23 24	23 50	3 24	18 15	4 24	14 45	3 21	19 19	1 17	4 8	1 20	5 24	2 34	9 10	0 36	6 53	0 58	2 29	16 35	7 36	7 10	15 42	16 13	4 20
F 25	23 23	19 36	2 26	18 20	4 21	14 51	3 24	19 9	1 16	4 9	1 20	5 24	2 34	9 10	0 36	6 53	0 58	2 29	16 35	7 38	7 11	15 45	16 12	4 20
S 26	23 21	14 32	1 22	18 26	4 16	14 58	3 27	18 59	1 16	4 11	1 20	5 24	2 34	9 11	0 36	6 52	0 58	2 29	16 36	7 39	7 12	15 48	16 11	4 20
S 27	23 19	8 59	0 16	18 33	4 11	15 6	3 29	18 49	1 16	4 12	1 19	5 25	2 34	9 11	0 36	6 52	0 58	2 29	16 36	7 40	7 13	15 51	16 11	4 20
M28	23 16	3 15	0n50	18 42	4 5	15 14	3 32	18 38	1 16	4 13	1 19	5 25	2 33	9 12	0 36	6 51	0 58	2 29	16 36	7 40	7 15	15 54	16 10	4 20
T 29	23 13	2n30	1 52	18 51	3 58	15 22	3 34	18 28	1 15	4 15	1 19	5 26	2 33	9 13	0 36	6 51	0 58	2 29	16 36	7 39	7 16	15 57	16 10	4 20
W30	23n10	8n 4	2n49	19n 3	3s50	15n31	3s35	18n17	1n15	4s17	1n19	5s26	2n33	9n13	0s36	6n51	0n58	2s29	16s37	7s39	7s17	16n 0	16s 9	4n20

Julian Day Number = 2488220.5, Delta T = 93.37 sec
Ecliptic obliquity = 23°25'43, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°08'36, Lahiri = 25°15'36

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ASTRODIENST EPHEMERIS for the year 2100
geocentric

JULY 2100 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 34	9♋19'00	25♈44	18♊17	25♉41	12♌59	13♎58	19♎58	25♈19	14♍54	5♉ 7	10°R24	11♓21	2♉21	1°R 9	T 1
F 2	18 40 30	10°16'13	7♉35	19° 1	26°25	13°36	14° 2	19°59	25°20	14°55	5° 7	10♓20	11°18	2°28	1♐ 6	F 2
S 3	18 44 27	11°13'27	19°30	19°49	27°11	14°13	14° 6	20° 0	25°21	14°56	5° 8	10°15	11°15	2°35	1° 3	S 3
S 4	18 48 24	12°10'40	1♊34	20°41	27°57	14°51	14°10	20° 1	25°23	14°57	5° 9	10° 7	11°12	2°41	1° 1	S 4
M 5	18 52 20	13° 7'54	13°49	21°38	28°45	15°28	14°14	20° 2	25°24	14°59	5° 9	9°57	11° 9	2°48	0°58	M 5
T 6	18 56 17	14° 5'08	26°18	22°39	29°32	16° 5	14°19	20° 3	25°25	15° 0	5°10	9°47	11° 5	2°55	0°56	T 6
W 7	19 0 13	15° 2'22	9♋ 0	23°44	0♊21	16°42	14°23	20° 5	25°26	15° 1	5°11	9°38	11° 2	3° 1	0°53	W 7
T 8	19 4 10	15°59'36	21°57	24°54	1°10	17°19	14°28	20° 6	25°28	15° 3	5°11	9°29	10°59	3° 8	0°51	T 8
F 9	19 8 6	16°56'49	5♌ 7	26° 8	2° 1	17°57	14°33	20° 8	25°29	15° 4	5°12	9°23	10°56	3°15	0°49	F 9
S 10	19 12 3	17°54'03	18°29	27°26	2°51	18°34	14°38	20° 9	25°30	15° 5	5°12	9°19	10°53	3°21	0°47	S 10
S 11	19 16 0	18°51'17	2♍ 2	28°47	3°43	19°11	14°43	20°11	25°31	15° 7	5°13	9°17	10°49	3°28	0°45	S 11
M12	19 19 56	19°48'31	15°45	0♋13	4°35	19°48	14°48	20°13	25°32	15° 8	5°13	9°D17	10°46	3°35	0°43	M12
T 13	19 23 53	20°45'44	29°37	1°43	5°27	20°26	14°54	20°15	25°33	15°10	5°14	9°18	10°43	3°42	0°41	T 13
W14	19 27 49	21°42'58	13♎38	3°16	6°20	21° 3	14°59	20°17	25°34	15°11	5°14	9°19	10°40	3°48	0°39	W14
T 15	19 31 46	22°40'11	27°46	4°54	7°14	21°40	15° 5	20°19	25°34	15°12	5°15	9°R19	10°37	3°55	0°37	T 15
F 16	19 35 42	23°37'25	12♏ 1	6°34	8° 8	22°18	15°11	20°22	25°35	15°14	5°15	9°17	10°34	4° 2	0°36	F 16
S 17	19 39 39	24°34'38	26°20	8°19	9° 3	22°55	15°17	20°24	25°36	15°16	5°15	9°14	10°30	4° 8	0°34	S 17
S 18	19 43 35	25°31'52	10♐40	10° 6	9°58	23°32	15°23	20°26	25°37	15°17	5°16	9° 9	10°27	4°15	0°33	S 18
M19	19 47 32	26°29'06	24°56	11°57	10°54	24°10	15°30	20°29	25°37	15°19	5°16	9° 3	10°24	4°22	0°32	M19
T 20	19 51 29	27°26'20	9♑ 3	13°51	11°50	24°47	15°36	20°31	25°38	15°20	5°17	8°56	10°21	4°28	0°31	T 20
W21	19 55 25	28°23'34	22°57	15°47	12°46	25°25	15°43	20°34	25°38	15°22	5°17	8°50	10°18	4°35	0°29	W21
T 22	19 59 22	29°20'49	6♒34	17°46	13°43	26° 2	15°50	20°37	25°39	15°24	5°17	8°45	10°15	4°42	0°28	T 22
F 23	20 3 18	0♌18'04	19°51	19°47	14°41	26°40	15°57	20°40	25°39	15°25	5°17	8°42	10°11	4°49	0°28	F 23
S 24	20 7 15	1°15'20	2♓48	21°49	15°39	27°17	16° 4	20°43	25°40	15°27	5°18	8°D41	10° 8	4°55	0°27	S 24
S 25	20 11 11	2°12'37	15°25	23°53	16°37	27°55	16°11	20°46	25°40	15°29	5°18	8°41	10° 5	5° 2	0°26	S 25
M26	20 15 8	3° 9'54	27°45	25°59	17°36	28°32	16°18	20°49	25°40	15°30	5°18	8°42	10° 2	5° 9	0°25	M26
T 27	20 19 4	4° 7'12	9♈52	28° 5	18°35	29°10	16°25	20°52	25°40	15°32	5°18	8°43	9°59	5°15	0°25	T 27
W28	20 23 1	5° 4'31	21°49	0♌11	19°35	29°47	16°33	20°56	25°41	15°34	5°19	8°45	9°55	5°22	0°25	W28
T 29	20 26 58	6° 1'51	3♉41	2°18	20°34	0♍25	16°40	20°59	25°41	15°36	5°19	8°R46	9°52	5°29	0°24	T 29
F 30	20 30 54	6°59'12	15°33	4°25	21°35	1° 2	16°48	21° 2	25°41	15°37	5°19	8°45	9°49	5°35	0°24	F 30
S 31	20 34 51	7♌56'34	27♉31	6♌32	22♊35	1♍40	16♎56	21♎ 6	25°R41	15♍39	5♉19	8♓44	9♓46	5♉42	0♐24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n 6	13n19	3n37	19n15	3s41	15n39	3s37	18n 6	1n15	4s18	1n18	5s27	2n33	9n14	0s36	6n50	0n58	2s29	16s37	7s40	7s18	16n 2	16s 9	4n20	
F 2	23 2	18 4	4 17	19 28	3 32	15 48	3 38	17 55	1 15	4 20	1 18	5 27	2 32	9 14	0 36	6 50	0 58	2 29	16 37	7 41	7 19	16 5	16 8	4 19	
S 3	22 57	22 10	4 45	19 41	3 22	15 57	3 40	17 44	1 14	4 22	1 18	5 28	2 32	9 15	0 36	6 49	0 58	2 29	16 38	7 43	7 21	16 8	16 8	4 19	
S 4	22 52	25 23	5 1	19 55	3 11	16 7	3 40	17 33	1 14	4 23	1 18	5 29	2 32	9 15	0 36	6 49	0 58	2 29	16 38	7 46	7 22	16 11	16 7	4 19	
M 5	22 47	27 29	5 4	20 10	3 0	16 16	3 41	17 22	1 14	4 25	1 17	5 29	2 32	9 16	0 36	6 48	0 58	2 29	16 38	7 50	7 23	16 14	16 7	4 19	
T 6	22 41	28 15	4 52	20 25	2 48	16 26	3 42	17 11	1 13	4 27	1 17	5 30	2 31	9 16	0 36	6 48	0 58	2 29	16 39	7 54	7 24	16 17	16 6	4 19	
W 7	22 35	27 33	4 26	20 40	2 37	16 36	3 42	16 59	1 13	4 29	1 17	5 31	2 31	9 16	0 36	6 47	0 58	2 29	16 39	7 57	7 25	16 19	16 6	4 19	
T 8	22 28	25 21	3 46	20 56	2 24	16 45	3 42	16 47	1 13	4 31	1 17	5 32	2 31	9 17	0 36	6 47	0 58	2 29	16 39	8 1	7 27	16 22	16 6	4 19	
F 9	22 21	21 46	2 53	21 11	2 12	16 55	3 42	16 36	1 12	4 33	1 16	5 32	2 31	9 17	0 36	6 46	0 58	2 30	16 39	8 3	7 28	16 25	16 5	4 19	
S 10	22 14	17 1	1 49	21 25	1 59	17 5	3 42	16 24	1 12	4 36	1 16	5 33	2 30	9 17	0 36	6 46	0 58	2 30	16 40	8 5	7 29	16 28	16 5	4 19	
S 11	22 6	11 21	0 39	21 39	1 46	17 15	3 42	16 12	1 12	4 38	1 16	5 34	2 30	9 18	0 36	6 45	0 58	2 30	16 40	8 5	7 30	16 31	16 5	4 19	
M12	21 58	5 5	0s35	21 53	1 33	17 25	3 41	16 0	1 12	4 40	1 16	5 35	2 30	9 18	0 36	6 45	0 58	2 30	16 40	8 5	7 31	16 34	16 4	4 18	
T 13	21 50	1s29	1 47	22 5	1 20	17 35	3 41	15 48	1 11	4 42	1 15	5 36	2 30	9 18	0 36	6 44	0 58	2 30	16 41	8 5	7 33	16 36	16 4	4 18	
W14	21 41	8 3	2 54	22 17	1 7	17 45	3 40	15 36	1 11	4 45	1 15	5 37	2 29	9 19	0 36	6 43	0 58	2 30	16 41	8 5	7 34	16 39	16 4	4 18	
T 15	21 31	14 16	3 51	22 27	0 54	17 55	3 39	15 23	1 11	4 47	1 15	5 38	2 29	9 19	0 36	6 43	0 58	2 30	16 41	8 4	7 35	16 42	16 4	4 18	
F 16	21 22	19 47	4 35	22 35	0 41	18 4	3 38	15 11	1 10	4 50	1 15	5 39	2 29	9 19	0 36	6 42	0 58	2 31	16 42	8 5	7 36	16 45	16 4	4 18	
S 17	21 12	24 12	5 1	22 42	0 28	18 14	3 36	14 58	1 10	4 52	1 15	5 40	2 29	9 20	0 36	6 42	0 58	2 31	16 42	8 6	7 37	16 48	16 3	4 18	
S 18	21 1	27 7	5 8	22 47	0 15	18 23	3 35	14 46	1 10	4 55	1 14	5 41	2 28	9 20	0 36	6 41	0 58	2 31	16 42	8 8	7 39	16 50	16 3	4 18	
M19	20 51	28 17	4 57	22 50	0 3	18 33	3 33	14 33	1 9	4 58	1 14	5 43	2 28	9 20	0 37	6 40	0 58	2 31	16 43	8 10	7 40	16 53	16 3	4 17	
T 20	20 40	27 34	4 27	22 51	0n 9	18 42	3 32	14 20	1 9	5 0	1 14	5 44	2 28	9 20	0 37	6 40	0 58	2 31	16 43	8 13	7 41	16 56	16 3	4 17	
W21	20 28	25 8	3 42	22 50	0 20	18 51	3 30	14 7	1 9	5 3	1 14	5 45	2 28	9 20	0 37	6 39	0 58	2 32	16 43	8 15	7 42	16 59	16 3	4 17	
T 22	20 17	21 17	2 45	22 46	0 31	19 0	3 28	13 54	1 8	5 6	1 13	5 46	2 27	9 20	0 37	6 38	0 58	2 32	16 44	8 17	7 43	17 1	16 3	4 17	
F 23	20 5	16 27	1 41	22 39	0 41	19 8	3 26	13 41	1 8	5 9	1 13	5 48	2 27	9 21	0 37	6 38	0 58	2 32	16 44	8 18	7 45	17 4	16 3	4 17	
S 24	19 52	10 58	0 32	22 30	0 51	19 17	3 24	13 28	1 8	5 12	1 13	5 49	2 27	9 21	0 37	6 37	0 58	2 32	16 44	8 19	7 46	17 7	16 3	4 17	
S 25	19 40	5 11	0n37	22 18	0 59	19 25	3 22	13 15	1 8	5 14	1 13	5 50	2 27	9 21	0 37	6 36	0 58	2 32	16 45	8 19	7 47	17 10	16 3	4 16	
M26	19 26	0n40	1 42	22 3	1 8	19 32	3 19	13 2	1 7	5 17	1 13	5 52	2 26	9 21	0 37	6 36	0 58	2 33	16 45	8 18	7 48	17 12	16 3	4 16	
T 27	19 13	6 23	2 42	21 46	1 15	19 40	3 17	12 48	1 7	5 20	1 12	5 53	2 26	9 21	0 37	6 35	0 58	2 33	16 45	8 18	7 49	17 15	16 3	4 16	
W28	18 59	11 48	3 34	21 26	1 22	19 47	3 14	12 35	1 7	5 24	1 12	5 55	2 26	9 21	0 37	6 34	0 58	2 33	16 46	8 17	7 51	17 18	16 3	4 16	
T 29	18 45	16 45	4 16	21 3	1 27	19 54	3 12	12 21	1 6	5 27	1 12	5 56	2 26	9 21	0 37	6 34	0 58	2 33	16 46	8 17	7 52	17 21	16 3	4 16	
F 30	18 31	21 4	4 47	20 39	1 32	20 1	3 9	12 8	1 6	5 30	1 12	5 58	2 25	9 21	0 37	6 33	0 57	2 34	16 46	8 17	7 53	17 23	16 4	4 16	
S 31	18n16	24n34	5n 7	20n12	1n37	20n 7	3s 6	11n54	1n 6	5s33	1n11	5s59	2n25	9n21	0s37	6n32	0n57	2s34	16s47	8s18	7s54	17n26	16s 4	4n15	

Julian Day Number = 2488250.5, Delta T = 93.41 sec
Ecliptic obliquity = 23°25'43, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°08'40, Lahiri = 25°15'40

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ASTRODIENST EPHEMERIS for the year 2100
geocentric

AUGUST 2100 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 47	8♌53'57	9♊38	8♌38	23♊36	2♍18	17♎ 4	21♎10	25°R41	15♍41	5♉19	8°R41	9♓43	5♉49	0°D24	S 1
M 2	20 42 44	9°51'21	21°58	10°43	24°37	2°55	17°12	21°13	25♈41	15°43	5°19	8♓37	9°40	5°55	0♐24	M 2
T 3	20 46 40	10°48'46	4♋34	12°47	25°39	3°33	17°21	21°17	25°41	15°45	5°19	8°32	9°36	6° 2	0°24	T 3
W 4	20 50 37	11°46'12	17°28	14°50	26°40	4°11	17°29	21°21	25°41	15°47	5°19	8°28	9°33	6° 9	0°24	W 4
T 5	20 54 33	12°43'40	0♌41	16°52	27°42	4°48	17°37	21°25	25°40	15°49	5°R19	8°24	9°30	6°16	0°25	T 5
F 6	20 58 30	13°41'08	14°11	18°53	28°45	5°26	17°46	21°29	25°40	15°51	5°19	8°22	9°27	6°22	0°25	F 6
S 7	21 2 27	14°38'37	27°57	20°53	29°47	6° 4	17°55	21°33	25°40	15°53	5°19	8°20	9°24	6°29	0°26	S 7
S 8	21 6 23	15°36'07	11♍55	22°51	0♋50	6°42	18° 4	21°38	25°39	15°55	5°19	8°D20	9°21	6°36	0°27	S 8
M 9	21 10 20	16°33'37	26° 3	24°47	1°53	7°19	18°12	21°42	25°39	15°57	5°19	8°21	9°17	6°42	0°27	M 9
T 10	21 14 16	17°31'09	10♎17	26°42	2°57	7°57	18°21	21°46	25°39	15°59	5°19	8°22	9°14	6°49	0°28	T 10
W11	21 18 13	18°28'41	24°33	28°36	4° 0	8°35	18°31	21°51	25°38	16° 1	5°19	8°23	9°11	6°56	0°29	W11
T 12	21 22 9	19°26'15	8♏50	0♍28	5° 4	9°13	18°40	21°55	25°38	16° 3	5°19	8°24	9° 8	7° 2	0°30	T 12
F 13	21 26 6	20°23'49	23° 3	2°19	6° 8	9°51	18°49	22° 0	25°37	16° 5	5°18	8°R24	9° 5	7° 9	0°32	F 13
S 14	21 30 2	21°21'24	7♐11	4° 8	7°13	10°29	18°59	22° 4	25°36	16° 7	5°18	8°24	9° 1	7°16	0°33	S 14
S 15	21 33 59	22°19'00	21°12	5°55	8°17	11° 7	19° 8	22° 9	25°36	16° 9	5°18	8°22	8°58	7°23	0°34	S 15
M16	21 37 56	23°16'36	5♑ 3	7°41	9°22	11°45	19°18	22°14	25°35	16°11	5°18	8°21	8°55	7°29	0°36	M16
T 17	21 41 52	24°14'14	18°43	9°26	10°27	12°23	19°27	22°19	25°34	16°13	5°18	8°19	8°52	7°36	0°37	T 17
W18	21 45 49	25°11'53	2♒10	11° 9	11°32	13° 1	19°37	22°24	25°33	16°15	5°17	8°17	8°49	7°43	0°39	W18
T 19	21 49 45	26° 9'33	15°23	12°50	12°37	13°39	19°47	22°29	25°33	16°17	5°17	8°16	8°46	7°49	0°41	T 19
F 20	21 53 42	27° 7'14	28°21	14°31	13°43	14°17	19°57	22°34	25°32	16°19	5°17	8°15	8°42	7°56	0°43	F 20
S 21	21 57 38	28° 4'57	11♓ 3	16° 9	14°49	14°55	20° 7	22°39	25°31	16°21	5°16	8°D15	8°39	8° 3	0°45	S 21
S 22	22 1 35	29° 2'41	23°31	17°47	15°55	15°33	20°17	22°44	25°30	16°23	5°16	8°15	8°36	8°10	0°47	S 22
M23	22 5 31	0♍ 0'26	5♈46	19°22	17° 1	16°11	20°28	22°49	25°29	16°26	5°16	8°16	8°33	8°16	0°49	M23
T 24	22 9 28	0°58'13	17°49	20°57	18° 8	16°49	20°38	22°55	25°28	16°28	5°15	8°17	8°30	8°23	0°51	T 24
W25	22 13 25	1°56'01	29°46	22°30	19°14	17°27	20°49	23° 0	25°26	16°30	5°15	8°17	8°26	8°30	0°54	W25
T 26	22 17 21	2°53'52	11♉38	24° 2	20°21	18° 5	20°59	23° 6	25°25	16°32	5°14	8°18	8°23	8°36	0°56	T 26
F 27	22 21 18	3°51'44	23°30	25°32	21°28	18°44	21°10	23°11	25°24	16°34	5°14	8°18	8°20	8°43	0°59	F 27
S 28	22 25 14	4°49'37	5♊27	27° 1	22°35	19°22	21°20	23°17	25°23	16°36	5°14	8°R18	8°17	8°50	1° 1	S 28
S 29	22 29 11	5°47'33	17°34	28°28	23°42	20° 0	21°31	23°22	25°21	16°39	5°13	8°18	8°14	8°56	1° 4	S 29
M30	22 33 7	6°45'31	29°54	29°54	24°50	20°38	21°42	23°28	25°20	16°41	5°13	8°18	8°11	9° 3	1° 7	M30
T 31	22 37 4	7♍43'30	12♋32	1♎18	25♋57	21♍17	21♎53	23♎34	25♈19	16♍43	5♉12	8♓18	8♓ 7	9♉10	1♐10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 2	27n 2	5n13	19n42	1n40	20n13	3s 3	11n40	1n 5	5s36	1n11	6s 1	2n25	9n21	0s37	6n31	0n57	2s34	16s47	8s19	7s55	17n29	16s 4	4n15
M 2	17 46	28 15	5 4	19 11	1 43	20 19	3 0	11 26	1 5	5 40	1 11	6 2	2 25	9 21	0 37	6 31	0 57	2 35	16 47	8 20	7 57	17 32	16 4	4 15
T 3	17 31	28 2	4 41	18 38	1 45	20 24	2 57	11 12	1 5	5 43	1 11	6 4	2 24	9 21	0 37	6 30	0 57	2 35	16 48	8 22	7 58	17 34	16 4	4 15
W 4	17 15	26 19	4 4	18 4	1 46	20 29	2 54	10 58	1 4	5 46	1 11	6 6	2 24	9 21	0 37	6 29	0 57	2 35	16 48	8 23	7 59	17 37	16 5	4 15
T 5	16 59	23 7	3 12	17 28	1 46	20 33	2 51	10 44	1 4	5 50	1 10	6 7	2 24	9 21	0 37	6 29	0 57	2 36	16 48	8 25	8 0	17 40	16 5	4 14
F 6	16 43	18 37	2 9	16 50	1 46	20 38	2 48	10 30	1 3	5 53	1 10	6 9	2 24	9 21	0 37	6 28	0 57	2 36	16 49	8 26	8 1	17 42	16 5	4 14
S 7	16 26	13 4	0 57	16 11	1 45	20 41	2 45	10 16	1 3	5 57	1 10	6 11	2 24	9 20	0 37	6 27	0 57	2 36	16 49	8 26	8 3	17 45	16 6	4 14
S 8	16 9	6 47	0s20	15 32	1 44	20 44	2 41	10 1	1 3	6 0	1 10	6 13	2 23	9 20	0 37	6 26	0 57	2 37	16 49	8 26	8 4	17 48	16 6	4 14
M 9	15 52	0 6	1 36	14 51	1 42	20 47	2 38	9 47	1 2	6 4	1 10	6 14	2 23	9 20	0 37	6 25	0 57	2 37	16 50	8 26	8 5	17 51	16 6	4 13
T 10	15 35	6s38	2 47	14 9	1 39	20 50	2 34	9 33	1 2	6 7	1 9	6 16	2 23	9 20	0 37	6 25	0 57	2 37	16 50	8 26	8 6	17 53	16 7	4 13
W11	15 17	13 2	3 48	13 27	1 36	20 51	2 31	9 18	1 2	6 11	1 9	6 18	2 23	9 20	0 37	6 24	0 57	2 38	16 50	8 25	8 7	17 56	16 7	4 13
T 12	14 59	18 46	4 34	12 44	1 32	20 53	2 27	9 4	1 1	6 15	1 9	6 20	2 23	9 20	0 37	6 23	0 57	2 38	16 51	8 25	8 9	17 59	16 7	4 13
F 13	14 41	23 26	5 4	12 1	1 28	20 54	2 23	8 49	1 1	6 18	1 9	6 22	2 22	9 19	0 37	6 22	0 57	2 38	16 51	8 25	8 10	18 1	16 8	4 13
S 14	14 23	26 41	5 15	11 17	1 24	20 54	2 20	8 34	1 1	6 22	1 9	6 24	2 22	9 19	0 37	6 21	0 57	2 39	16 51	8 25	8 11	18 4	16 8	4 12
S 15	14 4	28 15	5 8	10 33	1 19	20 54	2 16	8 20	1 0	6 26	1 9	6 26	2 22	9 19	0 37	6 21	0 57	2 39	16 52	8 26	8 12	18 7	16 9	4 12
M16	13 45	28 2	4 42	9 49	1 13	20 54	2 12	8 5	1 0	6 30	1 8	6 28	2 22	9 19	0 37	6 20	0 57	2 39	16 52	8 26	8 13	18 9	16 9	4 12
T 17	13 26	26 6	4 1	9 4	1 8	20 53	2 8	7 50	1 0	6 34	1 8	6 30	2 22	9 18	0 37	6 19	0 57	2 40	16 52	8 27	8 15	18 12	16 10	4 12
W18	13 7	22 42	3 6	8 20	1 2	20 52	2 5	7 35	0 59	6 37	1 8	6 32	2 21	9 18	0 37	6 18	0 57	2 40	16 53	8 28	8 16	18 15	16 10	4 12
T 19	12 48	18 11	2 3	7 35	0 55	20 50	2 1	7 20	0 59	6 41	1 8	6 34	2 21	9 18	0 37	6 17	0 57	2 41	16 53	8 28	8 17	18 17	16 11	4 11
F 20	12 28	12 54	0 55	6 51	0 49	20 47	1 57	7 5	0 59	6 45	1 8	6 36	2 21	9 17	0 37	6 17	0 57	2 41	16 53	8 28	8 18	18 20	16 12	4 11
S 21	12 8	7 11	0n16	6 6	0 42	20 44	1 53	6 50	0 58	6 49	1 8	6 38	2 21	9 17	0 37	6 16	0 57	2 41	16 53	8 28	8 19	18 22	16 12	4 11
S 22	11 48	1 18	1 24	5 22	0 35	20 41	1 49	6 35	0 58	6 53	1 7	6 40	2 21	9 16	0 37	6 15	0 57	2 42	16 54	8 28	8 20	18 25	16 13	4 11
M23	11 28	4n32	2 27	4 37	0 27	20 37	1 45	6 20	0 57	6 57	1 7	6 42	2 20	9 16	0 37	6 14	0 57	2 42	16 54	8 28	8 22	18 28	16 14	4 10
T 24	11 7	10 6	3 22	3 53	0 20	20 32	1 41	6 5	0 57	7 1	1 7	6 44	2 20	9 16	0 37	6 13	0 57	2 43	16 54	8 28	8 23	18 30	16 14	4 10
W25	10 47	15 15	4 8	3 9	0 12	20 27	1 37	5 49	0 57	7 5	1 7	6 46	2 20	9 15	0 37	6 12	0 57	2 43	16 55	8 27	8 24	18 33	16 15	4 10
T 26	10 26	19 48	4 43	2 26	0 4	20 21	1 33	5 34	0 56	7 9	1 7	6 48	2 20	9 15	0 37	6 12	0 57	2 43	16 55	8 27	8 25	18 36	16 16	4 10
F 27	10 5	23 35	5 7	1 43	0s 4	20 15	1 29	5 19	0 56	7 13	1 7	6 51	2 20	9 14	0 37	6 11	0 57	2 44	16 55	8 27	8 26	18 38	16 16	4 10
S 28	9 44	26 24	5 17	1 0	0 12	20 8	1 25	5 4	0 56	7 18	1 6	6 53	2 20	9 14	0 37	6 10	0 57	2 44	16 56	8 27	8 28	18 41	16 17	4 9
S 29	9 23	28 2	5 13	0 18	0 21	20 1	1 21	4 48	0 55	7 22	1 6	6 55	2 19	9 13	0 37	6 9	0 57	2 45	16 56	8 27	8 29	18 43	16 18	4 9
M30	9 2	28 21	4 55	0s24	0 29	19 53	1 17	4 33	0 55	7 26	1 6	6 57	2 19	9 13	0 37	6 8	0 57	2 45	16 56	8 27	8 30	18 46	16 19	4 9
T 31	8n40	27n11	4n22	1s 6	0s38	19n45	1s13	4n17	0n54	7s30	1n 6	6s59	2n19	9n12	0s38	6n 7	0n57	2s45	16s56	8s27	8s31	18n48	16s19	4n 9

Julian Day Number = 2488281.5, Delta T = 93.45 sec
Ecliptic obliquity = 23°25'43, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°08'44, Lahiri = 25°15'45

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ASTRODIENST EPHEMERIS for the year 2100
geocentric

SEPTEMBER 2100 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 41 0	8♍41'31	25♋30	2♎41	27♋ 5	21♍55	22♎ 4	23♎40	25°R17	16♍45	5°R12	8°D18	8♓ 4	9♉17	1♐13	W 1
T 2	22 44 57	9°39'34	8♌51	4° 3	28°13	22°33	22°15	23°46	25♈16	16°47	5♉11	8♓18	8° 1	9°23	1°16	T 2
F 3	22 48 54	10°37'38	22°35	5°23	29°21	23°12	22°26	23°51	25°14	16°50	5°10	8°18	7°58	9°30	1°19	F 3
S 4	22 52 50	11°35'44	6♍41	6°41	0♌30	23°50	22°37	23°57	25°13	16°52	5°10	8°R18	7°55	9°37	1°22	S 4
S 5	22 56 47	12°33'52	21° 3	7°58	1°38	24°29	22°49	24° 3	25°11	16°54	5° 9	8°18	7°52	9°43	1°26	S 5
M 6	23 0 43	13°32'02	5♎38	9°13	2°47	25° 7	23° 0	24° 9	25°10	16°56	5° 9	8°18	7°48	9°50	1°29	M 6
T 7	23 4 40	14°30'13	20°19	10°26	3°55	25°46	23°11	24°16	25° 8	16°59	5° 8	8°17	7°45	9°57	1°33	T 7
W 8	23 8 36	15°28'26	4♏59	11°37	5° 4	26°24	23°23	24°22	25° 6	17° 1	5° 7	8°17	7°42	10° 4	1°36	W 8
T 9	23 12 33	16°26'40	19°33	12°47	6°13	27° 3	23°34	24°28	25° 5	17° 3	5° 7	8°16	7°39	10°10	1°40	T 9
F 10	23 16 29	17°24'56	3♐55	13°54	7°22	27°41	23°46	24°34	25° 3	17° 5	5° 6	8°15	7°36	10°17	1°44	F 10
S 11	23 20 26	18°23'13	18° 3	15° 0	8°31	28°20	23°58	24°41	25° 1	17° 7	5° 5	8°D15	7°32	10°24	1°48	S 11
S 12	23 24 23	19°21'32	1♑55	16° 3	9°41	28°59	24° 9	24°47	24°59	17°10	5° 4	8°15	7°29	10°30	1°52	S 12
M13	23 28 19	20°19'52	15°30	17° 3	10°50	29°37	24°21	24°53	24°57	17°12	5° 4	8°16	7°26	10°37	1°56	M13
T 14	23 32 16	21°18'14	28°48	18° 1	12° 0	0♎16	24°33	25° 0	24°55	17°14	5° 3	8°17	7°23	10°44	2° 0	T 14
W15	23 36 12	22°16'37	11♒52	18°57	13°10	0°55	24°45	25° 6	24°53	17°16	5° 2	8°18	7°20	10°50	2° 4	W15
T 16	23 40 9	23°15'02	24°42	19°49	14°20	1°33	24°57	25°13	24°52	17°19	5° 1	8°19	7°17	10°57	2° 8	T 16
F 17	23 44 5	24°13'29	7♓19	20°38	15°30	2°12	25° 9	25°19	24°50	17°21	5° 1	8°R19	7°13	11° 4	2°13	F 17
S 18	23 48 2	25°11'57	19°45	21°24	16°40	2°51	25°21	25°26	24°48	17°23	5° 0	8°19	7°10	11°11	2°17	S 18
S 19	23 51 58	26°10'27	2♈ 0	22° 7	17°50	3°30	25°33	25°33	24°45	17°25	4°59	8°18	7° 7	11°17	2°22	S 19
M20	23 55 55	27° 8'59	14° 6	22°45	19° 0	4° 9	25°45	25°39	24°43	17°27	4°58	8°16	7° 4	11°24	2°26	M20
T 21	23 59 51	28° 7'34	26° 6	23°19	20°11	4°48	25°57	25°46	24°41	17°30	4°57	8°13	7° 1	11°31	2°31	T 21
W22	0 3 48	29° 6'10	8♉ 0	23°49	21°21	5°26	26° 9	25°53	24°39	17°32	4°56	8° 9	6°58	11°37	2°36	W22
T 23	0 7 45	0♎ 4'48	19°51	24°14	22°32	6° 5	26°22	25°59	24°37	17°34	4°55	8° 6	6°54	11°44	2°41	T 23
F 24	0 11 41	1° 3'29	1♊43	24°34	23°43	6°44	26°34	26° 6	24°35	17°36	4°54	8° 3	6°51	11°51	2°46	F 24
S 25	0 15 38	2° 2'12	13°38	24°48	24°54	7°23	26°46	26°13	24°33	17°38	4°54	8° 1	6°48	11°58	2°51	S 25
S 26	0 19 34	3° 0'57	25°42	24°56	26° 5	8° 2	26°59	26°20	24°31	17°41	4°53	7°59	6°45	12° 4	2°56	S 26
M27	0 23 31	3°59'44	7♋59	24°R57	27°16	8°42	27°11	26°27	24°28	17°43	4°52	7°D59	6°42	12°11	3° 1	M27
T 28	0 27 27	4°58'34	20°33	24°52	28°27	9°21	27°24	26°34	24°26	17°45	4°51	8° 0	6°38	12°18	3° 6	T 28
W29	0 31 24	5°57'25	3♌28	24°40	29°39	10° 0	27°36	26°41	24°24	17°47	4°50	8° 1	6°35	12°24	3°11	W29
T 30	0 35 20	6♎56'19	16♌48	24♎21	0♍50	10♎39	27♎49	26♎48	24♈21	17♍49	4♉49	8♓ 3	6♓32	12♉31	3♐17	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n18	24n34	3n36	1s47	0s46	19n36	1s 9	4n 2	0n54	7s34	1n 6	7s 2	2n19	9n12	0s38	6n 6	0n57	2s46	16s57	8s27	8s32	18n51	16s20	4n 9
T 2	7 57	20 33	2 36	2 27	0 55	19 27	1 5	3 46	0 54	7 39	1 6	7 4	2 19	9 11	0 38	6 6	0 57	2 46	16 57	8 27	8 34	18 54	16 21	4 8
F 3	7 35	15 20	1 26	3 7	1 4	19 17	1 1	3 31	0 53	7 43	1 6	7 6	2 19	9 11	0 38	6 5	0 57	2 47	16 57	8 27	8 35	18 56	16 22	4 8
S 4	7 13	9 12	0 9	3 46	1 13	19 7	0 57	3 15	0 53	7 47	1 5	7 9	2 18	9 10	0 38	6 4	0 57	2 47	16 58	8 27	8 36	18 59	16 23	4 8
S 5	6 51	2 28	1s10	4 24	1 21	18 56	0 53	3 0	0 52	7 51	1 5	7 11	2 18	9 10	0 38	6 3	0 57	2 48	16 58	8 27	8 37	19 1	16 24	4 8
M 6	6 28	4s28	2 26	5 2	1 30	18 44	0 49	2 44	0 52	7 56	1 5	7 13	2 18	9 9	0 38	6 2	0 57	2 48	16 58	8 27	8 38	19 4	16 24	4 8
T 7	6 6	11 13	3 32	5 39	1 39	18 32	0 45	2 28	0 52	8 0	1 5	7 16	2 18	9 8	0 38	6 1	0 57	2 49	16 58	8 27	8 39	19 6	16 25	4 7
W 8	5 43	17 20	4 25	6 15	1 48	18 20	0 41	2 13	0 51	8 4	1 5	7 18	2 18	9 8	0 38	6 0	0 57	2 49	16 59	8 28	8 41	19 9	16 26	4 7
T 9	5 21	22 25	5 0	6 50	1 57	18 7	0 37	1 57	0 51	8 9	1 5	7 21	2 18	9 7	0 38	6 0	0 57	2 49	16 59	8 28	8 42	19 12	16 27	4 7
F 10	4 58	26 5	5 16	7 24	2 5	17 53	0 33	1 41	0 50	8 13	1 5	7 23	2 18	9 6	0 38	5 59	0 57	2 50	16 59	8 28	8 43	19 14	16 28	4 7
S 11	4 35	28 4	5 12	7 58	2 14	17 39	0 29	1 26	0 50	8 18	1 5	7 25	2 17	9 6	0 38	5 58	0 57	2 50	16 59	8 28	8 44	19 17	16 29	4 7
S 12	4 13	28 15	4 50	8 30	2 22	17 25	0 25	1 10	0 50	8 22	1 4	7 28	2 17	9 5	0 38	5 57	0 57	2 51	17 0	8 28	8 45	19 19	16 30	4 6
M13	3 50	26 42	4 12	9 1	2 30	17 10	0 22	0 54	0 49	8 26	1 4	7 30	2 17	9 4	0 38	5 56	0 57	2 51	17 0	8 28	8 47	19 22	16 31	4 6
T 14	3 27	23 41	3 22	9 30	2 39	16 54	0 18	0 38	0 49	8 31	1 4	7 33	2 17	9 4	0 38	5 55	0 57	2 52	17 0	8 28	8 48	19 24	16 32	4 6
W15	3 4	19 29	2 21	9 59	2 46	16 38	0 14	0 23	0 48	8 35	1 4	7 35	2 17	9 3	0 38	5 54	0 58	2 52	17 0	8 27	8 49	19 27	16 33	4 6
T 16	2 41	14 27	1 15	10 26	2 54	16 22	0 10	0 7	0 48	8 40	1 4	7 38	2 17	9 2	0 38	5 54	0 58	2 53	17 1	8 27	8 50	19 29	16 34	4 6
F 17	2 18	8 54	0 6	10 51	3 1	16 5	0 7	0s 9	0 47	8 44	1 4	7 40	2 17	9 1	0 38	5 53	0 58	2 53	17 1	8 27	8 51	19 32	16 35	4 6
S 18	1 54	3 6	1n 3	11 15	3 9	15 47	0 3	0 25	0 47	8 49	1 4	7 43	2 17	9 1	0 38	5 52	0 58	2 54	17 1	8 27	8 52	19 34	16 36	4 5
S 19	1 31	2n44	2 7	11 38	3 15	15 30	0n 1	0 41	0 47	8 53	1 4	7 45	2 16	9 0	0 38	5 51	0 58	2 54	17 1	8 27	8 54	19 37	16 37	4 5
M20	1 8	8 24	3 5	11 58	3 22	15 11	0 4	0 56	0 46	8 58	1 4	7 48	2 16	8 59	0 38	5 50	0 58	2 55	17 1	8 28	8 55	19 39	16 38	4 5
T 21	0 45	13 42	3 53	12 16	3 27	14 53	0 8	1 12	0 46	9 2	1 3	7 50	2 16	8 58	0 38	5 49	0 58	2 55	17 2	8 29	8 56	19 42	16 39	4 5
W22	0 21	18 27	4 32	12 32	3 33	14 33	0 11	1 28	0 45	9 7	1 3	7 53	2 16	8 58	0 38	5 49	0 58	2 55	17 2	8 30	8 57	19 44	16 40	4 5
T 23	0s 2	22 28	4 58	12 45	3 37	14 14	0 15	1 44	0 45	9 11	1 3	7 55	2 16	8 57	0 38	5 48	0 58	2 56	17 2	8 32	8 58	19 47	16 41	4 5
F 24	0 25	25 35	5 12	12 56	3 41	13 54	0 18	2 0	0 45	9 16	1 3	7 58	2 16	8 56	0 38	5 47	0 58	2 56	17 2	8 33	9 0	19 49	16 42	4 4
S 25	0 49	27 36	5 12	13 5	3 44	13 33	0 21	2 15	0 44	9 20	1 3	8 0	2 16	8 55	0 38	5 46	0 58	2 57	17 2	8 34	9 1	19 51	16 43	4 4
S 26	1 12	28 21	4 59	13 10	3 47	13 12	0 25	2 31	0 44	9 25	1 3	8 3	2 16	8 54	0 38	5 45	0 58	2 57	17 3	8 34	9 2	19 54	16 44	4 4
M27	1 35	27 43	4 32	13 11	3 48	12 51	0 28	2 47	0 43	9 29	1 3	8 5	2 16	8 54	0 38	5 44	0 58	2 58	17 3	8 34	9 3	19 56	16 46	4 4
T 28	1 59	25 40	3 52	13 10	3 48	12 30	0 31	3 3	0 43	9 34	1 3	8 8	2 16	8 53	0 38	5 44	0 58	2 58	17 3	8 34	9 4	19 59	16 47	4 4
W29	2 22	22 16	2 58	13 4	3 47	12 8	0 34	3 19	0 42	9 39	1 3	8 11	2 16	8 52	0 38	5 43	0 58	2 59	17 3	8 33	9 5	20 1	16 48	4 4
T 30	2s45	17n36	1n54	12s55	3s45	11n45	0n37	3s34	0n42	9s43	1n 3	8s13	2n16	8n51	0s38	5n42	0n58	2s59	17s 3	8s33	9s 7	20n 4	16s49	4n 4

Julian Day Number = 2488312.5, Delta T = 93.49 sec
Ecliptic obliquity = 23°25'43, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°08'48, Lahiri = 25°15'49

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ASTRODIENST EPHEMERIS for the year 2100
geocentric

OCTOBER 2100 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 39 17	7♎55'16	0♍35	23°R54	2♍ 2	11♎18	28♎ 2	26♎55	24°R19	17♍51	4°R48	8♓ 4	6♓29	12♉38	3♐22	F 1
S 2	0 43 14	8°54'14	14°48	23♎19	3°13	11°57	28°14	27° 2	24♈17	17°53	4♉47	8°R 4	6°26	12°45	3°27	S 2
S 3	0 47 10	9°53'15	29°25	22°37	4°25	12°37	28°27	27° 9	24°15	17°55	4°46	8° 3	6°23	12°51	3°33	S 3
M 4	0 51 7	10°52'17	14♎20	21°48	5°37	13°16	28°40	27°16	24°12	17°58	4°45	8° 0	6°19	12°58	3°39	M 4
T 5	0 55 3	11°51'22	29°25	20°52	6°49	13°55	28°52	27°23	24°10	18° 0	4°44	7°55	6°16	13° 5	3°44	T 5
W 6	0 59 0	12°50'28	14♏30	19°51	8° 1	14°35	29° 5	27°30	24° 7	18° 2	4°43	7°50	6°13	13°11	3°50	W 6
T 7	1 2 56	13°49'37	29°26	18°45	9°13	15°14	29°18	27°37	24° 5	18° 4	4°42	7°45	6°10	13°18	3°56	T 7
F 8	1 6 53	14°48'47	14♐ 5	17°36	10°25	15°54	29°31	27°44	24° 3	18° 6	4°41	7°41	6° 7	13°25	4° 2	F 8
S 9	1 10 49	15°47'59	28°23	16°26	11°38	16°33	29°44	27°52	24° 0	18° 8	4°40	7°38	6° 4	13°32	4° 7	S 9
S 10	1 14 46	16°47'13	12♑16	15°16	12°50	17°13	29°57	27°59	23°58	18°10	4°39	7°D36	6° 0	13°38	4°13	S 10
M11	1 18 43	17°46'29	25°46	14° 9	14° 2	17°52	0♏ 9	28° 6	23°55	18°12	4°37	7°37	5°57	13°45	4°19	M11
T 12	1 22 39	18°45'46	8♒54	13° 5	15°15	18°32	0°22	28°13	23°53	18°14	4°36	7°38	5°54	13°52	4°25	T 12
W13	1 26 36	19°45'05	21°43	12° 8	16°28	19°11	0°35	28°20	23°51	18°16	4°35	7°39	5°51	13°58	4°32	W13
T 14	1 30 32	20°44'26	4♓16	11°19	17°40	19°51	0°48	28°28	23°48	18°18	4°34	7°R40	5°48	14° 5	4°38	T 14
F 15	1 34 29	21°43'49	16°36	10°39	18°53	20°31	1° 1	28°35	23°46	18°20	4°33	7°40	5°44	14°12	4°44	F 15
S 16	1 38 25	22°43'13	28°47	10° 8	20° 6	21°10	1°14	28°42	23°43	18°22	4°32	7°38	5°41	14°18	4°50	S 16
S 17	1 42 22	23°42'39	10♈51	9°49	21°19	21°50	1°27	28°49	23°41	18°24	4°31	7°33	5°38	14°25	4°57	S 17
M18	1 46 18	24°42'08	22°49	9°D41	22°32	22°30	1°40	28°57	23°38	18°25	4°30	7°26	5°35	14°32	5° 3	M18
T 19	1 50 15	25°41'38	4♉44	9°43	23°45	23°10	1°53	29° 4	23°36	18°27	4°29	7°18	5°32	14°39	5° 9	T 19
W20	1 54 12	26°41'11	16°36	9°57	24°58	23°50	2° 6	29°11	23°33	18°29	4°28	7° 8	5°29	14°45	5°16	W20
T 21	1 58 8	27°40'45	28°28	10°21	26°11	24°29	2°19	29°18	23°31	18°31	4°26	6°58	5°25	14°52	5°22	T 21
F 22	2 2 5	28°40'22	10♊21	10°54	27°24	25° 9	2°32	29°26	23°29	18°33	4°25	6°49	5°22	14°59	5°29	F 22
S 23	2 6 1	29°40'01	22°17	11°37	28°38	25°49	2°46	29°33	23°26	18°35	4°24	6°41	5°19	15° 5	5°36	S 23
S 24	2 9 58	0♏39'42	4♋21	12°27	29°51	26°29	2°59	29°40	23°24	18°36	4°23	6°35	5°16	15°12	5°42	S 24
M25	2 13 54	1°39'25	16°35	13°25	1♎ 5	27° 9	3°12	29°48	23°21	18°38	4°22	6°32	5°13	15°19	5°49	M25
T 26	2 17 51	2°39'11	29° 5	14°30	2°18	27°49	3°25	29°55	23°19	18°40	4°21	6°D30	5° 9	15°26	5°56	T 26
W27	2 21 47	3°38'59	11♌53	15°40	3°32	28°29	3°38	0♏ 2	23°17	18°41	4°20	6°31	5° 6	15°32	6° 2	W27
T 28	2 25 44	4°38'49	25° 5	16°55	4°46	29°10	3°51	0° 9	23°14	18°43	4°19	6°32	5° 3	15°39	6° 9	T 28
F 29	2 29 41	5°38'41	8♍44	18°14	5°59	29°50	4° 4	0°17	23°12	18°45	4°17	6°R32	5° 0	15°46	6°16	F 29
S 30	2 33 37	6°38'36	22°52	19°37	7°13	0♏30	4°17	0°24	23° 9	18°46	4°16	6°31	4°57	15°52	6°23	S 30
S 31	2 37 34	7♏38'32	7♎27	21♎ 4	8♎27	1♏10	4♏30	0♏31	23♈ 7	18♍48	4♉15	6♓27	4♓54	15♉59	6♐30	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 8	11n54	0n41	12s41	3s41	11n23	0n40	3s50	0n41	9s48	1n 3	8s16	2n15	8n50	0s38	5n41	0n58	3s 0	17s 3	8s32	9s 8	20n 6	16s50	4n 3
S 2	3 32	5 25	0s37	12 23	3 35	10 59	0 43	4 6	0 41	9 52	1 2	8 18	2 15	8 49	0 38	5 40	0 58	3 0	17 4	8 32	9 9	20 9	16 51	4 3
S 3	3 55	1s31	1 54	12 0	3 27	10 36	0 46	4 22	0 41	9 57	1 2	8 21	2 15	8 49	0 38	5 39	0 58	3 0	17 4	8 33	9 10	20 11	16 52	4 3
M 4	4 18	8 29	3 5	11 33	3 18	10 12	0 49	4 37	0 40	10 1	1 2	8 23	2 15	8 48	0 38	5 39	0 58	3 1	17 4	8 34	9 11	20 13	16 53	4 3
T 5	4 41	15 3	4 4	11 2	3 7	9 48	0 52	4 53	0 40	10 6	1 2	8 26	2 15	8 47	0 38	5 38	0 58	3 1	17 4	8 36	9 12	20 16	16 55	4 3
W 6	5 4	20 43	4 46	10 27	2 54	9 24	0 54	5 9	0 39	10 11	1 2	8 29	2 15	8 46	0 38	5 37	0 58	3 2	17 4	8 38	9 14	20 18	16 56	4 3
T 7	5 27	25 1	5 8	9 48	2 39	8 59	0 57	5 24	0 39	10 15	1 2	8 31	2 15	8 45	0 38	5 36	0 58	3 2	17 4	8 40	9 15	20 21	16 57	4 3
F 8	5 50	27 35	5 9	9 6	2 23	8 34	1 0	5 40	0 38	10 20	1 2	8 34	2 15	8 44	0 38	5 36	0 58	3 3	17 4	8 41	9 16	20 23	16 58	4 3
S 9	6 13	28 16	4 51	8 23	2 5	8 9	1 2	5 55	0 38	10 24	1 2	8 36	2 15	8 43	0 38	5 35	0 58	3 3	17 4	8 42	9 17	20 25	16 59	4 3
S 10	6 36	27 7	4 16	7 38	1 46	7 44	1 4	6 11	0 37	10 29	1 2	8 39	2 15	8 42	0 38	5 34	0 58	3 4	17 4	8 43	9 18	20 28	17 0	4 2
M11	6 58	24 23	3 28	6 53	1 26	7 18	1 7	6 26	0 37	10 33	1 2	8 42	2 15	8 42	0 38	5 33	0 58	3 4	17 5	8 43	9 19	20 30	17 2	4 2
T 12	7 21	20 26	2 30	6 10	1 5	6 52	1 9	6 42	0 36	10 38	1 2	8 44	2 15	8 41	0 38	5 33	0 58	3 4	17 5	8 42	9 21	20 32	17 3	4 2
W13	7 43	15 37	1 25	5 29	0 44	6 26	1 11	6 57	0 36	10 43	1 2	8 47	2 15	8 40	0 38	5 32	0 58	3 5	17 5	8 42	9 22	20 35	17 4	4 2
T 14	8 6	10 14	0 18	4 51	0 24	6 0	1 13	7 13	0 35	10 47	1 2	8 49	2 15	8 39	0 38	5 31	0 58	3 5	17 5	8 41	9 23	20 37	17 5	4 2
F 15	8 28	4 33	0n48	4 17	0 4	5 33	1 15	7 28	0 35	10 52	1 2	8 52	2 15	8 38	0 38	5 30	0 58	3 6	17 5	8 41	9 24	20 39	17 6	4 2
S 16	8 50	1n14	1 52	3 48	0n14	5 6	1 17	7 43	0 34	10 56	1 2	8 55	2 15	8 37	0 38	5 30	0 58	3 6	17 5	8 42	9 25	20 42	17 7	4 2
S 17	9 12	6 53	2 49	3 24	0 32	4 39	1 19	7 59	0 34	11 1	1 1	8 57	2 15	8 36	0 38	5 29	0 58	3 6	17 5	8 44	9 26	20 44	17 9	4 2
M18	9 34	12 15	3 39	3 6	0 48	4 12	1 21	8 14	0 34	11 5	1 1	9 0	2 15	8 35	0 38	5 28	0 58	3 7	17 5	8 46	9 28	20 47	17 10	4 2
T 19	9 56	17 9	4 18	2 53	1 3	3 45	1 23	8 29	0 33	11 10	1 1	9 2	2 15	8 34	0 38	5 27	0 58	3 7	17 5	8 50	9 29	20 49	17 11	4 2
W20	10 17	21 22	4 47	2 46	1 16	3 17	1 24	8 44	0 33	11 14	1 1	9 5	2 15	8 33	0 38	5 27	0 58	3 8	17 5	8 53	9 30	20 51	17 12	4 2
T 21	10 39	24 43	5 2	2 45	1 27	2 50	1 26	8 59	0 32	11 19	1 1	9 7	2 15	8 33	0 38	5 26	0 58	3 8	17 5	8 57	9 31	20 53	17 13	4 2
F 22	11 0	27 1	5 5	2 49	1 37	2 22	1 28	9 14	0 32	11 23	1 1	9 10	2 15	8 32	0 38	5 25	0 58	3 8	17 5	9 0	9 32	20 56	17 14	4 2
S 23	11 21	28 6	4 55	2 58	1 46	1 54	1 29	9 29	0 31	11 28	1 1	9 12	2 15	8 31	0 38	5 25	0 58	3 9	17 5	9 3	9 33	20 58	17 16	4 2
S 24	11 42	27 52	4 31	3 12	1 52	1 26	1 30	9 44	0 31	11 32	1 1	9 15	2 15	8 30	0 38	5 24	0 58	3 9	17 5	9 5	9 35	21 0	17 17	4 2
M25	12 3	26 17	3 55	3 29	1 58	0 58	1 32	9 59	0 30	11 37	1 1	9 18	2 15	8 29	0 38	5 23	0 58	3 9	17 5	9 7	9 36	21 3	17 18	4 2
T 26	12 23	23 22	3 6	3 50	2 2	0 30	1 33	10 14	0 30	11 41	1 1	9 20	2 15	8 28	0 38	5 23	0 58	3 10	17 5	9 7	9 37	21 5	17 19	4 2
W27	12 44	19 16	2 8	4 15	2 5	0 2	1 34	10 29	0 29	11 46	1 1	9 23	2 15	8 27	0 38	5 22	0 58	3 10	17 5	9 7	9 38	21 7	17 20	4 2
T 28	13 4	14 7	1 1	4 42	2 6	0s26	1 35	10 43	0 29	11 50	1 1	9 25	2 15	8 26	0 38	5 21	0 58	3 10	17 5	9 7	9 39	21 10	17 21	4 2
F 29	13 24	8 7	0s12	5 12	2 7	0 55	1 36	10 58	0 28	11 55	1 1	9 28	2 15	8 26	0 38	5 21	0 59	3 11	17 5	9 7	9 40	21 12	17 23	4 2
S 30	13 44	1 31	1 26	5 43	2 7	1 23	1 37	11 13	0 28	11 59	1 1	9 30	2 15	8 25	0 38	5 20	0 59	3 11	17 5	9 7	9 42	21 14	17 24	4 2
S 31	14s 3	5s22	2s37	6s17	2n 5	1s51	1n37	11s27	0n27	12s 4	1n 1	9s33	2n15	8n24	0s38	5n20	0n59	3s11	17s 5	9s 8	9s43	21n16	17s25	4n 2

Julian Day Number = 2488342.5, Delta T = 93.53 sec
Ecliptic obliquity = 23°25'43, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°08'53, Lahiri = 25°15'53

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ASTRODIENST EPHEMERIS for the year 2100
geocentric

NOVEMBER 2100 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 41 30	8♏38'31	22♎26	22♎32	9♎41	1♏51	4♏43	0♏38	23°R 5	18♍50	4°R14	6°R21	4♓50	16♉ 6	6♐37	M 1
T 2	2 45 27	9°38'31	7♏41	24° 3	10°55	2°31	4°56	0°46	23♈ 2	18°51	4♉13	6♓13	4°47	16°13	6°44	T 2
W 3	2 49 23	10°38'34	23° 2	25°35	12° 9	3°11	5°10	0°53	23° 0	18°53	4°12	6° 3	4°44	16°19	6°51	W 3
T 4	2 53 20	11°38'39	8♐16	27° 9	13°23	3°52	5°23	1° 0	22°58	18°54	4°11	5°53	4°41	16°26	6°58	T 4
F 5	2 57 16	12°38'45	23°12	28°44	14°37	4°32	5°36	1° 7	22°56	18°56	4° 9	5°44	4°38	16°33	7° 5	F 5
S 6	3 1 13	13°38'53	7♑45	0♏19	15°51	5°13	5°49	1°14	22°53	18°57	4° 8	5°37	4°35	16°40	7°12	S 6
S 7	3 5 10	14°39'02	21°48	1°56	17° 5	5°53	6° 2	1°22	22°51	18°59	4° 7	5°33	4°31	16°46	7°19	S 7
M 8	3 9 6	15°39'13	5♒23	3°32	18°19	6°34	6°15	1°29	22°49	19° 0	4° 6	5°31	4°28	16°53	7°27	M 8
T 9	3 13 3	16°39'25	18°30	5° 9	19°34	7°14	6°28	1°36	22°47	19° 2	4° 5	5°D30	4°25	17° 0	7°34	T 9
W10	3 16 59	17°39'39	1♓15	6°47	20°48	7°55	6°41	1°43	22°45	19° 3	4° 4	5°R31	4°22	17° 6	7°41	W10
T 11	3 20 56	18°39'54	13°40	8°24	22° 2	8°35	6°54	1°50	22°42	19° 4	4° 3	5°30	4°19	17°13	7°48	T 11
F 12	3 24 52	19°40'11	25°52	10° 1	23°17	9°16	7° 7	1°57	22°40	19° 6	4° 2	5°28	4°15	17°20	7°55	F 12
S 13	3 28 49	20°40'29	7♈54	11°39	24°31	9°57	7°20	2° 4	22°38	19° 7	4° 1	5°24	4°12	17°27	8° 3	S 13
S 14	3 32 45	21°40'49	19°50	13°16	25°46	10°38	7°33	2°11	22°36	19° 8	4° 0	5°17	4° 9	17°33	8°10	S 14
M15	3 36 42	22°41'10	1♉43	14°53	27° 0	11°18	7°46	2°18	22°34	19° 9	3°58	5° 7	4° 6	17°40	8°17	M15
T 16	3 40 39	23°41'33	13°34	16°30	28°15	11°59	7°58	2°25	22°32	19°10	3°57	4°54	4° 3	17°47	8°25	T 16
W17	3 44 35	24°41'57	25°27	18° 7	29°29	12°40	8°11	2°32	22°30	19°12	3°56	4°40	4° 0	17°53	8°32	W17
T 18	3 48 32	25°42'23	7♊21	19°43	0♏44	13°21	8°24	2°39	22°28	19°13	3°55	4°25	3°56	18° 0	8°40	T 18
F 19	3 52 28	26°42'51	19°19	21°20	1°59	14° 2	8°37	2°46	22°26	19°14	3°54	4°11	3°53	18° 7	8°47	F 19
S 20	3 56 25	27°43'20	1♋22	22°56	3°13	14°43	8°50	2°53	22°24	19°15	3°53	3°59	3°50	18°14	8°54	S 20
S 21	4 0 21	28°43'52	13°31	24°32	4°28	15°24	9° 2	3° 0	22°23	19°16	3°52	3°49	3°47	18°20	9° 2	S 21
M22	4 4 18	29°44'24	25°49	26° 7	5°43	16° 5	9°15	3° 6	22°21	19°17	3°51	3°43	3°44	18°27	9° 9	M22
T 23	4 8 14	0♐44'59	8♌19	27°43	6°58	16°46	9°28	3°13	22°19	19°18	3°50	3°39	3°41	18°34	9°17	T 23
W24	4 12 11	1°45'35	21° 5	29°18	8°12	17°27	9°40	3°20	22°17	19°19	3°49	3°38	3°37	18°40	9°24	W24
T 25	4 16 8	2°46'13	4♍11	0♐53	9°27	18° 9	9°53	3°26	22°16	19°20	3°48	3°38	3°34	18°47	9°32	T 25
F 26	4 20 4	3°46'52	17°39	2°28	10°42	18°50	10° 6	3°33	22°14	19°21	3°47	3°38	3°31	18°54	9°39	F 26
S 27	4 24 1	4°47'33	1♎34	4° 3	11°57	19°31	10°18	3°40	22°12	19°22	3°46	3°36	3°28	19° 1	9°47	S 27
S 28	4 27 57	5°48'16	15°56	5°38	13°12	20°12	10°31	3°46	22°11	19°22	3°45	3°32	3°25	19° 7	9°54	S 28
M29	4 31 54	6°49'01	0♏43	7°12	14°27	20°54	10°43	3°53	22° 9	19°23	3°44	3°25	3°21	19°14	10° 1	M29
T 30	4 35 50	7♐49'47	15♏49	8♐46	15♏42	21♏35	10♏56	3♏59	22♈ 8	19♍24	3♉44	3♓15	3♓18	19♉21	10♐ 9	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s23	12s 7	3s39	6s51	2n 3	2s20	1n38	11s42	0n27	12s 8	1n 1	9s35	2n15	8n23	0s38	5n19	0n59	3s12	17s 5	9s11	9s44	21n19	17s26	4n 2
T 2	14 42	18 16	4 26	7 27	2 1	2 48	1 39	11 56	0 26	12 12	1 1	9 38	2 15	8 22	0 38	5 18	0 59	3 12	17 5	9 14	9 45	21 21	17 27	4 2
W 3	15 1	23 16	4 55	8 4	1 58	3 16	1 39	12 10	0 26	12 17	1 1	9 40	2 15	8 21	0 38	5 18	0 59	3 12	17 5	9 17	9 46	21 23	17 28	4 2
T 4	15 19	26 39	5 2	8 41	1 54	3 45	1 40	12 24	0 25	12 21	1 1	9 43	2 15	8 20	0 38	5 17	0 59	3 13	17 5	9 21	9 47	21 25	17 29	4 2
F 5	15 38	28 4	4 49	9 19	1 50	4 13	1 40	12 39	0 25	12 25	1 1	9 45	2 15	8 20	0 38	5 17	0 59	3 13	17 5	9 24	9 49	21 28	17 31	4 2
S 6	15 56	27 29	4 17	9 57	1 45	4 41	1 40	12 53	0 24	12 30	1 1	9 47	2 15	8 19	0 38	5 16	0 59	3 13	17 5	9 27	9 50	21 30	17 32	4 2
S 7	16 14	25 7	3 30	10 35	1 40	5 10	1 41	13 6	0 23	12 34	1 1	9 50	2 15	8 18	0 38	5 16	0 59	3 14	17 5	9 28	9 51	21 32	17 33	4 2
M 8	16 31	21 23	2 33	11 13	1 34	5 38	1 41	13 20	0 23	12 38	1 1	9 52	2 15	8 17	0 38	5 15	0 59	3 14	17 5	9 29	9 52	21 34	17 34	4 2
T 9	16 48	16 41	1 29	11 50	1 29	6 6	1 41	13 34	0 22	12 43	1 1	9 55	2 15	8 16	0 38	5 15	0 59	3 14	17 5	9 29	9 53	21 36	17 35	4 2
W10	17 5	11 23	0 23	12 28	1 23	6 34	1 41	13 48	0 22	12 47	1 1	9 57	2 15	8 16	0 38	5 14	0 59	3 14	17 4	9 29	9 54	21 39	17 36	4 2
T 11	17 22	5 45	0n43	13 5	1 17	7 1	1 41	14 1	0 21	12 51	1 1	9 59	2 15	8 15	0 37	5 14	0 59	3 15	17 4	9 29	9 55	21 41	17 37	4 2
F 12	17 39	0 2	1 46	13 42	1 11	7 29	1 41	14 15	0 21	12 55	1 1	10 2	2 15	8 14	0 37	5 13	0 59	3 15	17 4	9 30	9 57	21 43	17 38	4 2
S 13	17 55	5n37	2 42	14 18	1 4	7 56	1 40	14 28	0 20	13 0	1 1	10 4	2 15	8 13	0 37	5 13	0 59	3 15	17 4	9 32	9 58	21 45	17 39	4 2
S 14	18 11	11 1	3 31	14 54	0 58	8 24	1 40	14 42	0 20	13 4	1 1	10 7	2 15	8 13	0 37	5 12	0 59	3 15	17 4	9 34	9 59	21 47	17 40	4 2
M15	18 26	15 59	4 11	15 29	0 51	8 51	1 40	14 55	0 19	13 8	1 1	10 9	2 15	8 12	0 37	5 12	0 59	3 16	17 4	9 38	10 0	21 50	17 41	4 2
T 16	18 41	20 21	4 39	16 3	0 44	9 18	1 39	15 8	0 19	13 12	1 1	10 11	2 15	8 11	0 37	5 11	0 59	3 16	17 4	9 43	10 1	21 52	17 42	4 2
W17	18 56	23 54	4 56	16 37	0 37	9 45	1 39	15 21	0 18	13 16	1 1	10 13	2 16	8 10	0 37	5 11	0 59	3 16	17 4	9 48	10 2	21 54	17 43	4 2
T 18	19 11	26 26	4 59	17 10	0 31	10 11	1 38	15 34	0 18	13 20	1 1	10 16	2 16	8 10	0 37	5 11	0 59	3 16	17 3	9 53	10 4	21 56	17 44	4 3
F 19	19 25	27 48	4 49	17 42	0 24	10 38	1 37	15 46	0 17	13 24	1 1	10 18	2 16	8 9	0 37	5 10	0 59	3 16	17 3	9 58	10 5	21 58	17 45	4 3
S 20	19 39	27 52	4 26	18 14	0 17	11 4	1 37	15 59	0 16	13 28	1 1	10 20	2 16	8 8	0 37	5 10	0 59	3 17	17 3	10 3	10 6	22 0	17 46	4 3
S 21	19 52	26 35	3 51	18 44	0 10	11 30	1 36	16 12	0 16	13 32	1 1	10 22	2 16	8 8	0 37	5 9	0 59	3 17	17 3	10 6	10 7	22 2	17 47	4 3
M22	20 5	24 0	3 5	19 13	0 3	11 56	1 35	16 24	0 15	13 37	1 1	10 25	2 16	8 7	0 37	5 9	0 59	3 17	17 3	10 8	10 8	22 5	17 48	4 3
T 23	20 18	20 15	2 9	19 42	0s 4	12 21	1 34	16 36	0 15	13 40	1 1	10 27	2 16	8 7	0 37	5 9	0 59	3 17	17 3	10 10	10 9	22 7	17 49	4 3
W24	20 30	15 30	1 6	20 10	0 10	12 46	1 33	16 48	0 14	13 44	1 1	10 29	2 16	8 6	0 37	5 8	0 59	3 17	17 3	10 10	10 10	22 9	17 50	4 3
T 25	20 42	9 56	0s 3	20 36	0 17	13 11	1 32	17 0	0 14	13 48	1 1	10 31	2 16	8 5	0 37	5 8	1 0	3 17	17 2	10 10	10 12	22 11	17 51	4 3
F 26	20 54	3 45	1 13	21 2	0 24	13 35	1 31	17 12	0 13	13 52	1 1	10 33	2 16	8 5	0 37	5 8	1 0	3 17	17 2	10 10	10 13	22 13	17 52	4 4
S 27	21 5	2s48	2 22	21 26	0 30	14 0	1 29	17 24	0 12	13 56	1 1	10 35	2 16	8 4	0 37	5 7	1 0	3 18	17 2	10 11	10 14	22 15	17 53	4 4
S 28	21 16	9 24	3 23	21 50	0 37	14 24	1 28	17 36	0 12	14 0	1 1	10 38	2 17	8 4	0 37	5 7	1 0	3 18	17 2	10 12	10 15	22 17	17 54	4 4
M29	21 26	15 40	4 13	22 12	0 43	14 47	1 27	17 47	0 11	14 4	1 1	10 40	2 17	8 3	0 37	5 7	1 0	3 18	17 2	10 15	10 16	22 19	17 55	4 4
T 30	21s36	21s 8	4s46	22s34	0s49	15s10	1n25	17s59	0n11	14s 8	1n 1	10s42	2n17	8n 2	0s37	5n 7	1n 0	3s18	17s 1	10s18	10s17	22n21	17s56	4n 4

Julian Day Number = 2488373.5, Delta T = 93.57 sec
Ecliptic obliquity = 23°25'43, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°08'57, Lahiri = 25°15'57

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ASTRODIENST EPHEMERIS for the year 2100
geocentric

DECEMBER 2100 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 39 47	8♐50'34	1♐ 5	10♐21	16♏57	22♏17	11♏ 8	4♏ 6	22°R 6	19♍25	3°R43	3°R 4	3♓15	19♉27	10♐16	W 1
T 2	4 43 43	9°51'23	16°21	11°55	18°12	22°58	11°20	4°12	22♈ 5	19°25	3♉42	2♓52	3°12	19°34	10°24	T 2
F 3	4 47 40	10°52'13	1♑24	13°29	19°27	23°40	11°32	4°18	22° 3	19°26	3°41	2°41	3° 9	19°41	10°31	F 3
S 4	4 51 37	11°53'04	16° 6	15° 3	20°42	24°21	11°45	4°25	22° 2	19°27	3°40	2°33	3° 6	19°48	10°39	S 4
S 5	4 55 33	12°53'56	0♒19	16°37	21°57	25° 3	11°57	4°31	22° 1	19°27	3°39	2°27	3° 2	19°54	10°46	S 5
M 6	4 59 30	13°54'48	14° 3	18°11	23°12	25°44	12° 9	4°37	22° 0	19°28	3°38	2°23	2°59	20° 1	10°54	M 6
T 7	5 3 26	14°55'42	27°18	19°45	24°27	26°26	12°21	4°43	21°58	19°28	3°38	2°D22	2°56	20° 8	11° 1	T 7
W 8	5 7 23	15°56'36	10♓ 6	21°19	25°42	27° 8	12°33	4°49	21°57	19°29	3°37	2°R22	2°53	20°15	11° 9	W 8
T 9	5 11 19	16°57'31	22°33	22°53	26°58	27°49	12°45	4°56	21°56	19°29	3°36	2°22	2°50	20°21	11°16	T 9
F 10	5 15 16	17°58'27	4♈44	24°26	28°13	28°31	12°57	5° 1	21°55	19°30	3°35	2°21	2°47	20°28	11°24	F 10
S 11	5 19 13	18°59'23	16°43	26° 0	29°28	29°13	13° 9	5° 7	21°54	19°30	3°34	2°17	2°43	20°35	11°31	S 11
S 12	5 23 9	20° 0'20	28°36	27°34	0♐43	29°55	13°20	5°13	21°53	19°30	3°34	2°11	2°40	20°41	11°39	S 12
M13	5 27 6	21° 1'18	10♉27	29° 8	1°58	0♐37	13°32	5°19	21°52	19°31	3°33	2° 2	2°37	20°48	11°46	M13
T 14	5 31 2	22° 2'16	22°18	0♑42	3°14	1°19	13°44	5°25	21°51	19°31	3°32	1°51	2°34	20°55	11°53	T 14
W15	5 34 59	23° 3'15	4♊13	2°16	4°29	2° 1	13°55	5°31	21°50	19°31	3°32	1°38	2°31	21° 2	12° 1	W15
T 16	5 38 55	24° 4'15	16°13	3°51	5°44	2°43	14° 7	5°36	21°50	19°31	3°31	1°24	2°27	21° 8	12° 8	T 16
F 17	5 42 52	25° 5'16	28°19	5°25	6°59	3°25	14°18	5°42	21°49	19°32	3°30	1°11	2°24	21°15	12°16	F 17
S 18	5 46 48	26° 6'17	10♋33	6°59	8°14	4° 7	14°30	5°47	21°48	19°32	3°30	1° 0	2°21	21°22	12°23	S 18
S 19	5 50 45	27° 7'19	22°54	8°33	9°30	4°49	14°41	5°53	21°48	19°32	3°29	0°52	2°18	21°28	12°30	S 19
M20	5 54 42	28° 8'22	5♌25	10° 7	10°45	5°31	14°52	5°58	21°47	19°32	3°28	0°46	2°15	21°35	12°37	M20
T 21	5 58 38	29° 9'26	18° 6	11°40	12° 0	6°13	15° 3	6° 3	21°46	19°32	3°28	0°43	2°12	21°42	12°45	T 21
W22	6 2 35	0♑10'30	1♍ 0	13°14	13°16	6°56	15°14	6° 9	21°46	19°R32	3°27	0°D42	2° 8	21°49	12°52	W22
T 23	6 6 31	1°11'35	14° 8	14°47	14°31	7°38	15°25	6°14	21°46	19°32	3°27	0°42	2° 5	21°55	12°59	T 23
F 24	6 10 28	2°12'41	27°35	16°21	15°46	8°20	15°36	6°19	21°45	19°32	3°26	0°R43	2° 2	22° 2	13° 6	F 24
S 25	6 14 24	3°13'47	11♎21	17°53	17° 2	9° 3	15°47	6°24	21°45	19°32	3°26	0°43	1°59	22° 9	13°14	S 25
S 26	6 18 21	4°14'55	25°28	19°25	18°17	9°45	15°58	6°29	21°44	19°32	3°25	0°41	1°56	22°16	13°21	S 26
M27	6 22 17	5°16'03	9♏55	20°57	19°32	10°28	16° 9	6°34	21°44	19°32	3°25	0°37	1°53	22°22	13°28	M27
T 28	6 26 14	6°17'11	24°39	22°28	20°48	11°10	16°19	6°39	21°44	19°31	3°24	0°30	1°49	22°29	13°35	T 28
W29	6 30 11	7°18'21	9♐34	23°57	22° 3	11°53	16°30	6°44	21°44	19°31	3°24	0°22	1°46	22°36	13°42	W29
T 30	6 34 7	8°19'30	24°31	25°26	23°18	12°35	16°40	6°48	21°44	19°31	3°23	0°13	1°43	22°42	13°49	T 30
F 31	6 38 4	9♑20'40	9♑22	26♑53	24♐34	13♐18	16♏50	6♏53	21°D44	19♍31	3♉23	0♓ 5	1♓40	22♉49	13♐56	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	21s46	25s15	5s 0	22s54	0s55	15s33	1n24	18s10	0n10	14s12	1n 1	10s44	2n17	8n 2	0s37	5n 6	1n 0	3s18	17s 1	10s22	10s19	22n23	17s57	4n 4	
T 2	21 55	27 34	4 52	23 13	1 1	15 55	1 22	18 21	0 10	14 15	1 1	10 46	2 17	8 1	0 37	5 6	1 0	3 18	17 1	10 27	10 20	22 26	17 58	4 5	
F 3	22 4	27 49	4 24	23 31	1 7	16 17	1 21	18 32	0 9	14 19	1 1	10 48	2 17	8 1	0 37	5 6	1 0	3 18	17 1	10 31	10 21	22 28	17 59	4 5	
S 4	22 12	26 4	3 38	23 47	1 13	16 39	1 19	18 43	0 8	14 23	1 1	10 50	2 17	8 1	0 37	5 6	1 0	3 18	17 0	10 34	10 22	22 30	17 59	4 5	
S 5	22 20	22 41	2 41	24 3	1 18	17 0	1 18	18 54	0 8	14 26	1 1	10 52	2 17	8 0	0 37	5 6	1 0	3 18	17 0	10 36	10 23	22 32	18 0	4 5	
M 6	22 28	18 7	1 35	24 17	1 23	17 20	1 16	19 4	0 7	14 30	1 1	10 54	2 18	8 0	0 37	5 5	1 0	3 18	17 0	10 37	10 24	22 34	18 1	4 5	
T 7	22 35	12 50	0 27	24 30	1 28	17 41	1 14	19 14	0 7	14 34	1 1	10 56	2 18	7 59	0 37	5 5	1 0	3 18	17 0	10 38	10 25	22 36	18 2	4 6	
W 8	22 41	7 9	0n41	24 42	1 33	18 0	1 12	19 25	0 6	14 37	1 1	10 58	2 18	7 59	0 37	5 5	1 0	3 18	16 59	10 38	10 27	22 38	18 3	4 6	
T 9	22 47	1 21	1 45	24 52	1 38	18 20	1 10	19 35	0 5	14 41	1 2	10 59	2 18	7 58	0 37	5 5	1 0	3 18	16 59	10 38	10 28	22 40	18 4	4 6	
F 10	22 53	4n22	2 42	25 1	1 42	18 38	1 9	19 45	0 5	14 44	1 2	11 1	2 18	7 58	0 37	5 5	1 0	3 18	16 59	10 38	10 29	22 42	18 4	4 6	
S 11	22 58	9 50	3 32	25 9	1 47	18 57	1 7	19 54	0 4	14 48	1 2	11 3	2 18	7 58	0 37	5 5	1 0	3 18	16 59	10 39	10 30	22 44	18 5	4 6	
S 12	23 3	14 53	4 12	25 15	1 51	19 14	1 5	20 4	0 4	14 51	1 2	11 5	2 18	7 57	0 37	5 5	1 0	3 18	16 58	10 41	10 31	22 46	18 6	4 7	
M13	23 7	19 23	4 40	25 20	1 54	19 32	1 3	20 13	0 3	14 55	1 2	11 7	2 19	7 57	0 37	5 5	1 0	3 18	16 58	10 45	10 32	22 48	18 7	4 7	
T 14	23 11	23 7	4 57	25 23	1 58	19 48	1 0	20 22	0 2	14 58	1 2	11 8	2 19	7 57	0 37	5 4	1 0	3 18	16 58	10 49	10 33	22 50	18 7	4 7	
W15	23 15	25 54	5 1	25 26	2 1	20 4	0 58	20 32	0 2	15 2	1 2	11 10	2 19	7 56	0 37	5 4	1 0	3 18	16 58	10 53	10 35	22 52	18 8	4 7	
T 16	23 18	27 33	4 51	25 26	2 4	20 20	0 56	20 40	0 1	15 5	1 2	11 12	2 19	7 56	0 36	5 4	1 0	3 18	16 57	10 58	10 36	22 54	18 9	4 8	
F 17	23 20	27 54	4 29	25 25	2 6	20 35	0 54	20 49	0 1	15 8	1 2	11 14	2 19	7 56	0 36	5 4	1 0	3 18	16 57	11 3	10 37	22 56	18 9	4 8	
S 18	23 22	26 53	3 53	25 23	2 9	20 49	0 52	20 58	0s 0	15 11	1 2	11 15	2 19	7 56	0 36	5 4	1 1	3 18	16 57	11 7	10 38	22 58	18 10	4 8	
S 19	23 24	24 33	3 7	25 19	2 10	21 3	0 50	21 6	0 1	15 15	1 2	11 17	2 19	7 56	0 36	5 4	1 1	3 18	16 56	11 10	10 39	23 0	18 11	4 8	
M20	23 25	21 1	2 10	25 14	2 12	21 16	0 47	21 14	0 1	15 18	1 2	11 18	2 20	7 55	0 36	5 4	1 1	3 18	16 56	11 12	10 40	23 2	18 11	4 9	
T 21	23 26	16 27	1 7	25 7	2 13	21 29	0 45	21 22	0 2	15 21	1 2	11 20	2 20	7 55	0 36	5 4	1 1	3 18	16 56	11 13	10 41	23 4	18 12	4 9	
W22	23 26	11 6	0s 2	24 59	2 14	21 41	0 43	21 30	0 3	15 24	1 2	11 22	2 20	7 55	0 36	5 4	1 1	3 17	16 55	11 13	10 42	23 6	18 12	4 9	
T 23	23 25	5 9	1 11	24 49	2 14	21 52	0 40	21 38	0 3	15 27	1 2	11 23	2 20	7 55	0 36	5 4	1 1	3 17	16 55	11 13	10 44	23 8	18 13	4 10	
F 24	23 25	1s 9	2 19	24 38	2 13	22 2	0 38	21 45	0 4	15 30	1 3	11 25	2 20	7 55	0 36	5 4	1 1	3 17	16 55	11 13	10 45	23 10	18 14	4 10	
S 25	23 23	7 33	3 20	24 25	2 13	22 12	0 36	21 52	0 4	15 34	1 3	11 26	2 21	7 55	0 36	5 5	1 1	3 17	16 54	11 13	10 46	23 11	18 14	4 10	
S 26	23 22	13 43	4 10	24 11	2 11	22 22	0 33	21 59	0 5	15 37	1 3	11 28	2 21	7 55	0 36	5 5	1 1	3 17	16 54	11 14	10 47	23 13	18 15	4 11	
M27	23 19	19 18	4 46	23 55	2 9	22 30	0 31	22 6	0 6	15 39	1 3	11 29	2 21	7 55	0 36	5 5	1 1	3 17	16 54	11 15	10 48	23 15	18 15	4 11	
T 28	23 17	23 50	5 4	23 38	2 7	22 38	0 28	22 13	0 6	15 42	1 3	11 30	2 21	7 55	0 36	5 5	1 1	3 17	16 54	11 17	10 49	23 17	18 16	4 11	
W29	23 14	26 51	5 2	23 20	2 3	22 46	0 26	22 19	0 7	15 45	1 3	11 32	2 21	7 55	0 36	5 5	1 1	3 16	16 53	11 20	10 50	23 19	18 16	4 12	
T 30	23 10	27 57	4 39	23 0	1 59	22 52	0 23	22 25	0 8	15 48	1 3	11 33	2 22	7 55	0 36	5 5	1 1	3 16	16 53	11 23	10 52	23 21	18 17	4 12	
F 31	23s 6	27s 3	3s57	22s39	1s55	22s58	0n21	22s31	0s 8	15s51	1n 3	11s34	2n22	7n55	0s36	5n 5	1n 1	3s16	16s53	11s26	10s53	23n23	18s17	4n12	

Julian Day Number = 2488403.5, Delta T = 93.61 sec
Ecliptic obliquity = 23°25'42, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°09'01, Lahiri = 25°16'01

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ASTRODIENST EPHEMERIS for the year 2101
geocentric

JANUARY 2101 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 0	10♑21'51	23♑57	28♑18	25♐49	14♐ 0	17♏ 0	6♏57	21♈44	19♈R30	3°R23	29°R58	1♓37	22♉56	14♐ 3	S 1
S 2	6 45 57	11°23'01	8♒10	29°41	27° 4	14°43	17°11	7° 2	21°44	19♍30	3♉22	29♒54	1°33	23° 3	14°10	S 2
M 3	6 49 53	12°24'11	21°57	1♒ 1	28°20	15°26	17°21	7° 6	21°44	19°29	3°22	29°52	1°30	23° 9	14°17	M 3
T 4	6 53 50	13°25'21	5♓17	2°18	29°35	16° 9	17°30	7°10	21°44	19°29	3°22	29°D52	1°27	23°16	14°24	T 4
W 5	6 57 47	14°26'31	18°12	3°32	0♑51	16°51	17°40	7°15	21°45	19°29	3°21	29°53	1°24	23°23	14°30	W 5
T 6	7 1 43	15°27'40	0♈45	4°41	2° 6	17°34	17°50	7°19	21°45	19°28	3°21	29°54	1°21	23°29	14°37	T 6
F 7	7 5 40	16°28'49	12°59	5°46	3°21	18°17	18° 0	7°23	21°45	19°27	3°21	29°R55	1°18	23°36	14°44	F 7
S 8	7 9 36	17°29'58	25° 1	6°45	4°37	19° 0	18° 9	7°27	21°46	19°27	3°21	29°55	1°14	23°43	14°50	S 8
S 9	7 13 33	18°31'07	6♉55	7°37	5°52	19°43	18°18	7°30	21°46	19°26	3°21	29°53	1°11	23°50	14°57	S 9
M10	7 17 29	19°32'15	18°46	8°22	7° 7	20°26	18°28	7°34	21°47	19°26	3°20	29°49	1° 8	23°56	15° 4	M10
T 11	7 21 26	20°33'23	0♊39	8°59	8°23	21° 9	18°37	7°38	21°47	19°25	3°20	29°43	1° 5	24° 3	15°10	T 11
W12	7 25 22	21°34'30	12°37	9°27	9°38	21°52	18°46	7°42	21°48	19°24	3°20	29°37	1° 2	24°10	15°17	W12
T 13	7 29 19	22°35'37	24°42	9°44	10°54	22°35	18°55	7°45	21°48	19°24	3°20	29°29	0°59	24°17	15°23	T 13
F 14	7 33 16	23°36'44	6♋57	9°R51	12° 9	23°18	19° 4	7°48	21°49	19°23	3°20	29°22	0°55	24°23	15°30	F 14
S 15	7 37 12	24°37'50	19°23	9°47	13°24	24° 1	19°12	7°52	21°50	19°22	3°20	29°16	0°52	24°30	15°36	S 15
S 16	7 41 9	25°38'55	2♌ 1	9°30	14°40	24°45	19°21	7°55	21°51	19°21	3°20	29°12	0°49	24°37	15°42	S 16
M17	7 45 5	26°40'01	14°51	9° 2	15°55	25°28	19°29	7°58	21°51	19°20	3°D20	29° 9	0°46	24°43	15°48	M17
T 18	7 49 2	27°41'05	27°53	8°23	17°10	26°11	19°38	8° 1	21°52	19°20	3°20	29°D 8	0°43	24°50	15°55	T 18
W19	7 52 58	28°42'10	11♍ 7	7°33	18°26	26°55	19°46	8° 4	21°53	19°19	3°20	29° 9	0°39	24°57	16° 1	W19
T 20	7 56 55	29°43'14	24°32	6°33	19°41	27°38	19°54	8° 7	21°54	19°18	3°20	29°10	0°36	25° 4	16° 7	T 20
F 21	8 0 51	0♒44'18	8♎10	5°26	20°56	28°21	20° 2	8°10	21°55	19°17	3°20	29°12	0°33	25°10	16°13	F 21
S 22	8 4 48	1°45'21	22° 0	4°13	22°12	29° 5	20°10	8°12	21°57	19°16	3°20	29°13	0°30	25°17	16°19	S 22
S 23	8 8 45	2°46'25	6♏ 2	2°57	23°27	29°48	20°17	8°15	21°58	19°15	3°20	29°R13	0°27	25°24	16°25	S 23
M24	8 12 41	3°47'27	20°15	1°39	24°43	0♑32	20°25	8°17	21°59	19°14	3°20	29°13	0°24	25°30	16°31	M24
T 25	8 16 38	4°48'30	4♐37	0°23	25°58	1°15	20°32	8°20	22° 0	19°13	3°21	29°10	0°20	25°37	16°36	T 25
W26	8 20 34	5°49'32	19° 5	29♑10	27°13	1°59	20°40	8°22	22° 1	19°12	3°21	29° 7	0°17	25°44	16°42	W26
T 27	8 24 31	6°50'34	3♑33	28° 3	28°29	2°43	20°47	8°24	22° 3	19°11	3°21	29° 4	0°14	25°51	16°48	T 27
F 28	8 28 27	7°51'35	17°56	27° 2	29°44	3°26	20°54	8°26	22° 4	19° 9	3°21	29° 1	0°11	25°57	16°53	F 28
S 29	8 32 24	8°52'35	2♒ 8	26° 9	0♒59	4°10	21° 1	8°28	22° 6	19° 8	3°21	28°59	0° 8	26° 4	16°59	S 29
S 30	8 36 20	9°53'35	16° 5	25°24	2°15	4°54	21° 7	8°30	22° 7	19° 7	3°22	28°57	0° 5	26°11	17° 4	S 30
M31	8 40 17	10♒54'33	29♒43	24♑48	3♒30	5♑37	21♏14	8♏32	22♈ 9	19♍ 6	3♉22	28°D57	0♓ 1	26♉18	17♐10	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 1	24s16	3s 1	22s17	1s49	23s 3	0n18	22s37	0s 9	15s54	1n 3	11s36	2n22	7n55	0s36	5n 5	1n 1	3s16	16s52	11s29	10s54	23n25	18s18	4n13
S 2	22 56	20 3	1 54	21 53	1 43	23 8	0 16	22 43	0 10	15 57	1 3	11 37	2 22	7 55	0 36	5 6	1 1	3 16	16 52	11 30	10 55	23 27	18 18	4 13
M 3	22 51	14 51	0 43	21 29	1 36	23 12	0 13	22 48	0 10	15 59	1 3	11 38	2 22	7 55	0 36	5 6	1 1	3 15	16 52	11 31	10 56	23 29	18 19	4 13
T 4	22 45	9 7	0n29	21 4	1 28	23 15	0 11	22 53	0 11	16 2	1 3	11 39	2 23	7 55	0 36	5 6	1 1	3 15	16 51	11 31	10 57	23 30	18 19	4 14
W 5	22 39	3 10	1 37	20 38	1 19	23 17	0 8	22 58	0 12	16 5	1 4	11 40	2 23	7 55	0 36	5 6	1 1	3 15	16 51	11 31	10 58	23 32	18 19	4 14
T 6	22 32	2n44	2 39	20 12	1 9	23 19	0 6	23 3	0 12	16 7	1 4	11 42	2 23	7 55	0 36	5 7	1 1	3 15	16 50	11 30	10 59	23 34	18 20	4 14
F 7	22 25	8 23	3 32	19 45	0 58	23 20	0 3	23 8	0 13	16 10	1 4	11 43	2 23	7 55	0 36	5 7	1 1	3 14	16 50	11 30	11 1	23 36	18 20	4 15
S 8	22 17	13 37	4 14	19 19	0 46	23 20	0 1	23 12	0 14	16 12	1 4	11 44	2 23	7 55	0 36	5 7	1 1	3 14	16 50	11 30	11 2	23 38	18 20	4 15
S 9	22 9	18 18	4 45	18 53	0 33	23 19	0s 2	23 16	0 14	16 15	1 4	11 45	2 24	7 56	0 36	5 7	1 1	3 14	16 49	11 31	11 3	23 40	18 21	4 16
M10	22 0	22 16	5 4	18 28	0 18	23 18	0 4	23 20	0 15	16 17	1 4	11 46	2 24	7 56	0 36	5 8	1 1	3 14	16 49	11 32	11 4	23 41	18 21	4 16
T 11	21 51	25 19	5 9	18 3	0 3	23 16	0 7	23 24	0 16	16 20	1 4	11 47	2 24	7 56	0 36	5 8	1 2	3 13	16 49	11 34	11 5	23 43	18 21	4 16
W12	21 42	27 17	5 2	17 40	0n13	23 14	0 9	23 27	0 16	16 22	1 4	11 48	2 24	7 56	0 36	5 8	1 2	3 13	16 48	11 36	11 6	23 45	18 22	4 17
T 13	21 32	28 0	4 40	17 19	0 30	23 10	0 11	23 30	0 17	16 24	1 4	11 49	2 24	7 57	0 35	5 8	1 2	3 13	16 48	11 39	11 7	23 47	18 22	4 17
F 14	21 22	27 20	4 6	17 0	0 48	23 6	0 14	23 33	0 18	16 27	1 5	11 49	2 25	7 57	0 35	5 9	1 2	3 12	16 48	11 41	11 8	23 49	18 22	4 18
S 15	21 11	25 19	3 20	16 44	1 6	23 1	0 16	23 36	0 18	16 29	1 5	11 50	2 25	7 57	0 35	5 9	1 2	3 12	16 47	11 43	11 10	23 50	18 22	4 18
S 16	21 0	22 1	2 22	16 30	1 25	22 56	0 19	23 39	0 19	16 31	1 5	11 51	2 25	7 58	0 35	5 10	1 2	3 12	16 47	11 45	11 11	23 52	18 23	4 19
M17	20 49	17 36	1 17	16 19	1 44	22 50	0 21	23 41	0 20	16 33	1 5	11 52	2 25	7 58	0 35	5 10	1 2	3 11	16 47	11 46	11 12	23 54	18 23	4 19
T 18	20 37	12 19	0 7	16 12	2 2	22 43	0 23	23 43	0 20	16 35	1 5	11 53	2 26	7 58	0 35	5 10	1 2	3 11	16 46	11 46	11 13	23 56	18 23	4 19
W19	20 25	6 24	1s 5	16 7	2 20	22 35	0 26	23 45	0 21	16 37	1 5	11 53	2 26	7 59	0 35	5 11	1 2	3 11	16 46	11 46	11 14	23 58	18 23	4 20
T 20	20 12	0 7	2 15	16 6	2 36	22 27	0 28	23 46	0 22	16 39	1 5	11 54	2 26	7 59	0 35	5 11	1 2	3 10	16 45	11 45	11 15	23 59	18 23	4 20
F 21	19 59	6s16	3 18	16 8	2 51	22 18	0 30	23 48	0 23	16 41	1 5	11 55	2 26	8 0	0 35	5 11	1 2	3 10	16 45	11 45	11 16	24 1	18 23	4 21
S 22	19 46	12 26	4 10	16 13	3 4	22 8	0 33	23 49	0 23	16 43	1 6	11 55	2 27	8 0	0 35	5 12	1 2	3 10	16 45	11 44	11 17	24 3	18 24	4 21
S 23	19 32	18 4	4 49	16 20	3 15	21 58	0 35	23 50	0 24	16 45	1 6	11 56	2 27	8 0	0 35	5 12	1 2	3 9	16 44	11 44	11 19	24 4	18 24	4 22
M24	19 18	22 46	5 10	16 29	3 23	21 47	0 37	23 50	0 25	16 47	1 6	11 56	2 27	8 1	0 35	5 13	1 2	3 9	16 44	11 45	11 20	24 6	18 24	4 22
T 25	19 3	26 10	5 12	16 39	3 29	21 35	0 39	23 51	0 25	16 49	1 6	11 57	2 27	8 1	0 35	5 13	1 2	3 8	16 44	11 45	11 21	24 8	18 24	4 23
W26	18 48	27 53	4 55	16 51	3 32	21 23	0 41	23 51	0 26	16 51	1 6	11 57	2 28	8 2	0 35	5 14	1 2	3 8	16 43	11 46	11 22	24 10	18 24	4 23
T 27	18 33	27 42	4 19	17 4	3 33	21 10	0 43	23 51	0 27	16 53	1 6	11 58	2 28	8 3	0 35	5 14	1 2	3 8	16 43	11 48	11 23	24 11	18 24	4 24
F 28	18 18	25 39	3 27	17 17	3 31	20 56	0 45	23 50	0 27	16 54	1 6	11 58	2 28	8 3	0 35	5 15	1 2	3 7	16 43	11 49	11 24	24 13	18 24	4 24
S 29	18 2	21 59	2 22	17 30	3 28	20 42	0 47	23 50	0 28	16 56	1 7	11 59	2 28	8 4	0 35	5 15	1 2	3 7	16 42	11 50	11 25	24 15	18 24	4 25
S 30	17 46	17 8	1 10	17 44	3 23	20 27	0 49	23 49	0 29	16 58	1 7	11 59	2 29	8 4	0 35	5 16	1 2	3 6	16 42	11 50	11 26	24 16	18 24	4 25
M31	17s29	11s30	0n 4	17s57	3n16	20s12	0s51	23s48	0s30	16s59	1n 7	11s59	2n29	8n 5	0s35	5n16	1n 2	3s 6	16s41	11s50	11s28	24n18	18s24	4n26

Julian Day Number = 2488434.5, Delta T = 93.65 sec
Ecliptic obliquity = 23°25'42, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°09'05, Lahiri = 25°16'06

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ASTRODIENST EPHEMERIS for the year 2101
geocentric

FEBRUARY 2101 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 14	11♒55'30	12♓59	24°R21	4♒45	6♑21	21♏20	8♏33	22♈10	19°R 5	3♉22	28♒57	29♒58	26♉24	17♐15	T 1
W 2	8 48 10	12°56'26	25°54	24♑ 3	6° 1	7° 5	21°27	8°35	22°12	19♍ 3	3°23	28°58	29°55	26°31	17°20	W 2
T 3	8 52 7	13°57'21	8♈29	23°53	7°16	7°49	21°33	8°36	22°14	19° 2	3°23	29° 0	29°52	26°38	17°25	T 3
F 4	8 56 3	14°58'15	20°48	23°D52	8°31	8°33	21°39	8°38	22°15	19° 1	3°23	29° 1	29°49	26°44	17°30	F 4
S 5	9 0 0	15°59'07	2♉53	23°57	9°47	9°17	21°44	8°39	22°17	18°59	3°24	29° 2	29°45	26°51	17°36	S 5
S 6	9 3 56	16°59'58	14°50	24°10	11° 2	10° 1	21°50	8°40	22°19	18°58	3°24	29°R 2	29°42	26°58	17°40	S 6
M 7	9 7 53	18° 0'48	26°42	24°29	12°17	10°45	21°55	8°41	22°21	18°57	3°25	29° 2	29°39	27° 5	17°45	M 7
T 8	9 11 49	19° 1'36	8♊36	24°54	13°32	11°29	22° 1	8°42	22°23	18°55	3°25	29° 1	29°36	27°11	17°50	T 8
W 9	9 15 46	20° 2'23	20°34	25°25	14°48	12°13	22° 6	8°43	22°25	18°54	3°26	29° 0	29°33	27°18	17°55	W 9
T 10	9 19 43	21° 3'08	2♋42	26° 0	16° 3	12°57	22°11	8°44	22°27	18°53	3°26	28°59	29°30	27°25	18° 0	T 10
F 11	9 23 39	22° 3'52	15° 3	26°41	17°18	13°41	22°16	8°44	22°29	18°51	3°27	28°58	29°26	27°32	18° 4	F 11
S 12	9 27 36	23° 4'34	27°39	27°25	18°33	14°25	22°20	8°45	22°31	18°50	3°27	28°57	29°23	27°38	18° 9	S 12
S 13	9 31 32	24° 5'15	10♌32	28°13	19°49	15° 9	22°25	8°45	22°33	18°48	3°28	28°57	29°20	27°45	18°13	S 13
M14	9 35 29	25° 5'55	23°42	29° 5	21° 4	15°54	22°29	8°46	22°35	18°47	3°29	28°D57	29°17	27°52	18°17	M14
T 15	9 39 25	26° 6'33	7♍ 8	0♒ 0	22°19	16°38	22°33	8°46	22°37	18°45	3°29	28°57	29°14	27°58	18°22	T 15
W16	9 43 22	27° 7'09	20°48	0°59	23°34	17°22	22°37	8°R46	22°39	18°44	3°30	28°57	29°11	28° 5	18°26	W16
T 17	9 47 18	28° 7'45	4♎41	1°59	24°49	18° 7	22°41	8°46	22°42	18°42	3°30	28°57	29° 7	28°12	18°30	T 17
F 18	9 51 15	29° 8'19	18°43	3° 3	26° 5	18°51	22°45	8°46	22°44	18°41	3°31	28°R57	29° 4	28°19	18°34	F 18
S 19	9 55 12	0♓ 8'52	2♏51	4° 9	27°20	19°35	22°48	8°45	22°46	18°39	3°32	28°57	29° 1	28°25	18°38	S 19
S 20	9 59 8	1° 9'23	17° 3	5°17	28°35	20°20	22°52	8°45	22°49	18°37	3°32	28°57	28°58	28°32	18°42	S 20
M21	10 3 5	2° 9'54	1♐16	6°27	29°50	21° 4	22°55	8°45	22°51	18°36	3°33	28°D57	28°55	28°39	18°45	M21
T 22	10 7 1	3°10'23	15°27	7°39	1♓ 5	21°49	22°58	8°44	22°54	18°34	3°34	28°57	28°51	28°45	18°49	T 22
W23	10 10 58	4°10'51	29°34	8°52	2°20	22°33	23° 1	8°44	22°56	18°33	3°35	28°57	28°48	28°52	18°53	W23
T 24	10 14 54	5°11'18	13♑35	10° 8	3°35	23°18	23° 3	8°43	22°59	18°31	3°36	28°58	28°45	28°59	18°56	T 24
F 25	10 18 51	6°11'44	27°29	11°25	4°50	24° 2	23° 6	8°42	23° 1	18°30	3°36	28°58	28°42	29° 6	18°59	F 25
S 26	10 22 47	7°12'08	11♒11	12°44	6° 6	24°47	23° 8	8°41	23° 4	18°28	3°37	28°59	28°39	29°12	19° 3	S 26
S 27	10 26 44	8°12'30	24°42	14° 4	7°21	25°32	23°10	8°40	23° 7	18°26	3°38	28°R59	28°36	29°19	19° 6	S 27
M28	10 30 41	9♓12'51	7♓59	15♒25	8♓36	26♑16	23♏12	8♏39	23♈ 9	18♍25	3♉39	28♒59	28♒32	29♉26	19♐ 9	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s12	5s30	1n17	18s 9	3n 8	19s56	0s53	23s47	0s30	17s 1	1n 7	12s 0	2n29	8n 5	0s35	5n17	1n 2	3s 6	16s41	11s50	11s29	24n20	18s24	4n26
W 2	16 55	0n34	2 23	18 21	2 59	19 39	0 55	23 45	0 31	17 2	1 7	12 0	2 29	8 6	0 35	5 17	1 2	3 5	16 41	11 50	11 30	24 21	18 24	4 27
T 3	16 38	6 27	3 21	18 33	2 49	19 22	0 57	23 44	0 32	17 4	1 7	12 0	2 30	8 7	0 35	5 18	1 2	3 5	16 40	11 49	11 31	24 23	18 24	4 27
F 4	16 20	11 57	4 9	18 43	2 38	19 4	0 59	23 42	0 32	17 5	1 7	12 0	2 30	8 7	0 35	5 18	1 2	3 4	16 40	11 49	11 32	24 25	18 24	4 28
S 5	16 2	16 55	4 44	18 53	2 27	18 46	1 0	23 39	0 33	17 6	1 8	12 1	2 30	8 8	0 35	5 19	1 2	3 4	16 40	11 48	11 33	24 26	18 24	4 28
S 6	15 44	21 9	5 7	19 2	2 16	18 27	1 2	23 37	0 34	17 8	1 8	12 1	2 30	8 9	0 35	5 19	1 2	3 3	16 39	11 48	11 34	24 28	18 24	4 29
M 7	15 25	24 32	5 16	19 10	2 5	18 7	1 4	23 34	0 35	17 9	1 8	12 1	2 31	8 10	0 35	5 20	1 2	3 3	16 39	11 48	11 35	24 30	18 23	4 30
T 8	15 7	26 52	5 12	19 17	1 53	17 48	1 5	23 31	0 35	17 10	1 8	12 1	2 31	8 10	0 35	5 20	1 3	3 2	16 39	11 49	11 36	24 31	18 23	4 30
W 9	14 48	27 59	4 54	19 23	1 42	17 27	1 7	23 28	0 36	17 11	1 8	12 1	2 31	8 11	0 35	5 21	1 3	3 2	16 38	11 49	11 38	24 33	18 23	4 31
T 10	14 28	27 47	4 23	19 28	1 30	17 6	1 8	23 25	0 37	17 12	1 8	12 1	2 31	8 12	0 35	5 22	1 3	3 1	16 38	11 49	11 39	24 35	18 23	4 31
F 11	14 9	26 13	3 40	19 31	1 19	16 45	1 10	23 21	0 38	17 13	1 8	12 1	2 32	8 13	0 34	5 22	1 3	3 1	16 38	11 50	11 40	24 36	18 23	4 32
S 12	13 49	23 19	2 45	19 34	1 7	16 23	1 11	23 17	0 38	17 14	1 9	12 1	2 32	8 13	0 34	5 23	1 3	3 0	16 37	11 50	11 41	24 38	18 23	4 32
S 13	13 29	19 12	1 40	19 35	0 56	16 1	1 12	23 13	0 39	17 15	1 9	12 1	2 32	8 14	0 34	5 23	1 3	3 0	16 37	11 50	11 42	24 39	18 22	4 33
M14	13 9	14 4	0 29	19 36	0 45	15 38	1 14	23 8	0 40	17 16	1 9	12 0	2 32	8 15	0 34	5 24	1 3	2 59	16 37	11 50	11 43	24 41	18 22	4 34
T 15	12 49	8 11	0s45	19 35	0 35	15 15	1 15	23 4	0 40	17 17	1 9	12 0	2 33	8 16	0 34	5 25	1 3	2 59	16 36	11 50	11 44	24 43	18 22	4 34
W16	12 28	1 50	1 58	19 32	0 24	14 51	1 16	22 59	0 41	17 18	1 9	12 0	2 33	8 17	0 34	5 25	1 3	2 58	16 36	11 50	11 45	24 44	18 22	4 35
T 17	12 7	4s42	3 5	19 29	0 14	14 27	1 17	22 54	0 42	17 19	1 9	12 0	2 33	8 18	0 34	5 26	1 3	2 58	16 36	11 50	11 46	24 46	18 22	4 35
F 18	11 46	11 4	4 2	19 24	0 4	14 3	1 18	22 48	0 43	17 20	1 10	12 0	2 33	8 19	0 34	5 26	1 3	2 57	16 35	11 50	11 48	24 47	18 21	4 36
S 19	11 25	16 55	4 45	19 18	0s 5	13 38	1 19	22 43	0 43	17 21	1 10	11 59	2 33	8 19	0 34	5 27	1 3	2 57	16 35	11 50	11 49	24 49	18 21	4 36
S 20	11 4	21 52	5 10	19 11	0 15	13 13	1 20	22 37	0 44	17 21	1 10	11 59	2 34	8 20	0 34	5 28	1 3	2 56	16 35	11 50	11 50	24 50	18 21	4 37
M21	10 42	25 34	5 17	19 2	0 24	12 47	1 21	22 31	0 45	17 22	1 10	11 59	2 34	8 21	0 34	5 28	1 3	2 56	16 34	11 50	11 51	24 52	18 20	4 38
T 22	10 20	27 40	5 4	18 52	0 32	12 21	1 22	22 25	0 46	17 22	1 10	11 58	2 34	8 22	0 34	5 29	1 3	2 55	16 34	11 50	11 52	24 53	18 20	4 38
W23	9 58	27 59	4 33	18 41	0 41	11 55	1 22	22 18	0 46	17 23	1 10	11 58	2 34	8 23	0 34	5 30	1 3	2 55	16 34	11 50	11 53	24 55	18 20	4 39
T 24	9 36	26 29	3 46	18 29	0 49	11 29	1 23	22 11	0 47	17 23	1 10	11 57	2 35	8 24	0 34	5 30	1 3	2 54	16 33	11 50	11 54	24 56	18 19	4 40
F 25	9 14	23 22	2 46	18 15	0 56	11 2	1 24	22 4	0 48	17 24	1 11	11 57	2 35	8 25	0 34	5 31	1 3	2 54	16 33	11 50	11 55	24 58	18 19	4 40
S 26	8 52	18 58	1 37	18 0	1 4	10 35	1 24	21 57	0 48	17 24	1 11	11 56	2 35	8 26	0 34	5 32	1 3	2 53	16 33	11 49	11 56	24 59	18 19	4 41
S 27	8 29	13 39	0 24	17 44	1 11	10 7	1 25	21 50	0 49	17 25	1 11	11 56	2 35	8 27	0 34	5 32	1 3	2 52	16 33	11 49	11 57	25 1	18 18	4 41
M28	8s 7	7s48	0n50	17s26	1s18	9s39	1s25	21s42	0s50	17s25	1n11	11s55	2n36	8n28	0s34	5n33	1n 3	2s52	16s32	11s49	11s59	25n 2	18s18	4n42

Julian Day Number = 2488465.5, Delta T = 93.69 sec
Ecliptic obliquity = 23°25'42, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°09'09, Lahiri = 25°16'10

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ASTRODIENST EPHEMERIS for the year 2101
geocentric

MARCH 2101 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 37	10♓13'09	21♓ 1	16♒48	9♓51	27♉ 1	23♏13	8°R38	23♈12	18°R23	3♉40	28°R58	28♒29	29♉33	19♐12	T 1
W 2	10 38 34	11°13'27	3♈47	18°12	11° 6	27°46	23°15	8♏36	23°15	18♍21	3°41	28♒57	28°26	29°39	19°15	W 2
T 3	10 42 30	12°13'42	16°18	19°37	12°21	28°31	23°16	8°35	23°17	18°20	3°42	28°55	28°23	29°46	19°18	T 3
F 4	10 46 27	13°13'55	28°35	21° 4	13°36	29°15	23°17	8°33	23°20	18°18	3°42	28°53	28°20	29°53	19°21	F 4
S 5	10 50 23	14°14'07	10♉40	22°32	14°51	0♒ 0	23°18	8°32	23°23	18°16	3°43	28°51	28°17	29°59	19°23	S 5
S 6	10 54 20	15°14'16	22°38	24° 1	16° 6	0°45	23°19	8°30	23°26	18°15	3°44	28°49	28°13	0♊ 6	19°26	S 6
M 7	10 58 16	16°14'23	4♊31	25°31	17°21	1°30	23°19	8°28	23°29	18°13	3°45	28°48	28°10	0°13	19°28	M 7
T 8	11 2 13	17°14'29	16°24	27° 2	18°36	2°15	23°20	8°26	23°32	18°11	3°46	28°D47	28° 7	0°20	19°31	T 8
W 9	11 6 10	18°14'32	28°21	28°35	19°51	2°59	23°R20	8°24	23°35	18°10	3°47	28°48	28° 4	0°26	19°33	W 9
T 10	11 10 6	19°14'33	10♋28	0♓ 8	21° 5	3°44	23°20	8°22	23°38	18° 8	3°48	28°49	28° 1	0°33	19°35	T 10
F 11	11 14 3	20°14'32	22°50	1°43	22°20	4°29	23°20	8°20	23°41	18° 6	3°49	28°50	27°57	0°40	19°37	F 11
S 12	11 17 59	21°14'29	5♌29	3°19	23°35	5°14	23°19	8°17	23°44	18° 5	3°50	28°52	27°54	0°47	19°39	S 12
S 13	11 21 56	22°14'24	18°29	4°56	24°50	5°59	23°19	8°15	23°47	18° 3	3°52	28°53	27°51	0°53	19°41	S 13
M14	11 25 52	23°14'16	1♍52	6°34	26° 5	6°44	23°18	8°13	23°50	18° 1	3°53	28°R53	27°48	1° 0	19°43	M14
T 15	11 29 49	24°14'07	15°37	8°13	27°20	7°29	23°17	8°10	23°53	18° 0	3°54	28°52	27°45	1° 7	19°44	T 15
W16	11 33 45	25°13'55	29°42	9°54	28°34	8°14	23°16	8° 7	23°56	17°58	3°55	28°50	27°42	1°13	19°46	W16
T 17	11 37 42	26°13'42	14♎ 4	11°36	29°49	8°59	23°14	8° 5	23°59	17°56	3°56	28°47	27°38	1°20	19°47	T 17
F 18	11 41 39	27°13'26	28°36	13°19	1♈ 4	9°45	23°13	8° 2	24° 2	17°55	3°57	28°43	27°35	1°27	19°49	F 18
S 19	11 45 35	28°13'09	13♏12	15° 3	2°19	10°30	23°11	7°59	24° 5	17°53	3°58	28°39	27°32	1°34	19°50	S 19
S 20	11 49 32	29°12'51	27°46	16°48	3°33	11°15	23° 9	7°56	24° 8	17°51	3°59	28°35	27°29	1°40	19°51	S 20
M21	11 53 28	0♈12'30	12♐11	18°35	4°48	12° 0	23° 7	7°53	24°12	17°50	4° 1	28°32	27°26	1°47	19°52	M21
T 22	11 57 25	1°12'08	26°25	20°22	6° 3	12°45	23° 5	7°50	24°15	17°48	4° 2	28°D31	27°22	1°54	19°53	T 22
W23	12 1 21	2°11'44	10♑26	22°11	7°17	13°30	23° 2	7°46	24°18	17°47	4° 3	28°31	27°19	2° 0	19°54	W23
T 24	12 5 18	3°11'19	24°12	24° 2	8°32	14°16	23° 0	7°43	24°21	17°45	4° 4	28°32	27°16	2° 7	19°55	T 24
F 25	12 9 14	4°10'52	7♒43	25°53	9°47	15° 1	22°57	7°40	24°25	17°43	4° 5	28°34	27°13	2°14	19°55	F 25
S 26	12 13 11	5°10'23	21° 1	27°46	11° 1	15°46	22°54	7°36	24°28	17°42	4° 7	28°35	27°10	2°21	19°56	S 26
S 27	12 17 8	6° 9'52	4♓ 7	29°40	12°16	16°31	22°51	7°33	24°31	17°40	4° 8	28°R35	27° 7	2°27	19°56	S 27
M28	12 21 4	7° 9'19	17° 0	1♈36	13°30	17°17	22°48	7°29	24°34	17°39	4° 9	28°34	27° 3	2°34	19°57	M28
T 29	12 25 1	8° 8'44	29°42	3°32	14°45	18° 2	22°44	7°26	24°38	17°37	4°10	28°30	27° 0	2°41	19°57	T 29
W30	12 28 57	9° 8'07	12♈13	5°30	16° 0	18°47	22°40	7°22	24°41	17°36	4°12	28°24	26°57	2°48	19°57	W30
T 31	12 32 54	10♈ 7'29	24♈34	7♈29	17♈14	19♒33	22♏37	7♏18	24♈44	17♍34	4♉13	28♒17	26♒54	2♊54	19°R57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s44	1s44	1n59	17s 8	1s24	9s12	1s25	21s34	0s51	17s25	1n11	11s55	2n36	8n29	0s34	5n33	1n 3	2s51	16s32	11s50	12s 0	25n 4	18s18	4n43
W 2	7 21	4n16	3 1	16 48	1 30	8 43	1 26	21 26	0 51	17 25	1 11	11 54	2 36	8 30	0 34	5 34	1 3	2 51	16 32	11 50	12 1	25 5	18 17	4 43
T 3	6 58	9 59	3 53	16 26	1 36	8 15	1 26	21 18	0 52	17 26	1 12	11 53	2 36	8 31	0 34	5 35	1 3	2 50	16 31	11 51	12 2	25 7	18 17	4 44
F 4	6 35	15 12	4 33	16 4	1 41	7 46	1 26	21 9	0 53	17 26	1 12	11 53	2 37	8 32	0 34	5 35	1 3	2 50	16 31	11 51	12 3	25 8	18 16	4 45
S 5	6 12	19 46	5 0	15 40	1 46	7 17	1 26	21 1	0 54	17 26	1 12	11 52	2 37	8 33	0 34	5 36	1 3	2 49	16 31	11 52	12 4	25 10	18 16	4 45
S 6	5 49	23 28	5 14	15 15	1 50	6 48	1 26	20 52	0 54	17 26	1 12	11 51	2 37	8 34	0 34	5 37	1 3	2 49	16 31	11 53	12 5	25 11	18 15	4 46
M 7	5 26	26 10	5 14	14 48	1 54	6 19	1 26	20 43	0 55	17 26	1 12	11 50	2 37	8 35	0 34	5 37	1 3	2 48	16 30	11 53	12 6	25 13	18 15	4 47
T 8	5 2	27 43	5 1	14 21	1 58	5 50	1 26	20 33	0 56	17 26	1 12	11 49	2 37	8 37	0 34	5 38	1 3	2 47	16 30	11 53	12 7	25 14	18 14	4 47
W 9	4 39	28 0	4 35	13 52	2 2	5 20	1 26	20 24	0 56	17 26	1 13	11 49	2 38	8 38	0 34	5 39	1 3	2 47	16 30	11 53	12 8	25 15	18 14	4 48
T 10	4 15	26 56	3 56	13 22	2 5	4 51	1 26	20 14	0 57	17 25	1 13	11 48	2 38	8 39	0 34	5 39	1 3	2 46	16 30	11 53	12 10	25 17	18 13	4 49
F 11	3 52	24 33	3 6	12 50	2 7	4 21	1 25	20 4	0 58	17 25	1 13	11 47	2 38	8 40	0 34	5 40	1 3	2 46	16 29	11 52	12 11	25 18	18 13	4 49
S 12	3 28	20 55	2 5	12 18	2 9	3 51	1 25	19 54	0 59	17 25	1 13	11 46	2 38	8 41	0 34	5 41	1 3	2 45	16 29	11 52	12 12	25 20	18 12	4 50
S 13	3 5	16 11	0 57	11 44	2 11	3 21	1 25	19 43	0 59	17 25	1 13	11 45	2 38	8 42	0 34	5 41	1 3	2 45	16 29	11 51	12 13	25 21	18 12	4 51
M14	2 41	10 33	0s16	11 9	2 13	2 51	1 24	19 33	1 0	17 24	1 13	11 44	2 39	8 43	0 34	5 42	1 3	2 44	16 29	11 51	12 14	25 22	18 11	4 51
T 15	2 17	4 17	1 31	10 33	2 14	2 21	1 24	19 22	1 1	17 24	1 13	11 43	2 39	8 44	0 34	5 43	1 3	2 43	16 28	11 52	12 15	25 24	18 11	4 52
W16	1 54	2s21	2 41	9 55	2 14	1 50	1 23	19 11	1 1	17 24	1 14	11 42	2 39	8 46	0 34	5 43	1 3	2 43	16 28	11 52	12 16	25 25	18 10	4 53
T 17	1 30	8 58	3 43	9 17	2 14	1 20	1 22	19 0	1 2	17 23	1 14	11 41	2 39	8 47	0 34	5 44	1 3	2 42	16 28	11 54	12 17	25 27	18 10	4 53
F 18	1 6	15 11	4 31	8 37	2 14	0 50	1 22	18 49	1 3	17 23	1 14	11 40	2 39	8 48	0 34	5 45	1 3	2 42	16 28	11 55	12 18	25 28	18 9	4 54
S 19	0 42	20 34	5 1	7 56	2 13	0 19	1 21	18 37	1 4	17 22	1 14	11 39	2 40	8 49	0 34	5 45	1 3	2 41	16 27	11 56	12 19	25 29	18 8	4 55
S 20	0 19	24 43	5 12	7 14	2 12	0n11	1 20	18 26	1 4	17 21	1 14	11 38	2 40	8 50	0 34	5 46	1 3	2 41	16 27	11 58	12 21	25 31	18 8	4 55
M21	0n 5	27 15	5 4	6 31	2 10	0 42	1 19	18 14	1 5	17 21	1 14	11 36	2 40	8 51	0 34	5 47	1 3	2 40	16 27	11 59	12 22	25 32	18 7	4 56
T 22	0 29	27 59	4 36	5 46	2 8	1 12	1 18	18 2	1 6	17 20	1 14	11 35	2 40	8 53	0 34	5 47	1 3	2 40	16 27	11 59	12 23	25 33	18 7	4 57
W23	0 52	26 53	3 53	5 1	2 5	1 43	1 17	17 49	1 6	17 19	1 15	11 34	2 40	8 54	0 34	5 48	1 3	2 39	16 27	11 59	12 24	25 35	18 6	4 57
T 24	1 16	24 10	2 56	4 14	2 2	2 13	1 16	17 37	1 7	17 19	1 15	11 33	2 40	8 55	0 33	5 48	1 3	2 38	16 26	11 59	12 25	25 36	18 5	4 58
F 25	1 40	20 7	1 51	3 26	1 58	2 43	1 15	17 24	1 8	17 18	1 15	11 32	2 41	8 56	0 33	5 49	1 3	2 38	16 26	11 58	12 26	25 37	18 5	4 59
S 26	2 3	15 8	0 41	2 37	1 54	3 14	1 14	17 12	1 9	17 17	1 15	11 30	2 41	8 57	0 33	5 50	1 3	2 37	16 26	11 58	12 27	25 38	18 4	4 59
S 27	2 27	9 32	0n30	1 48	1 49	3 44	1 12	16 59	1 9	17 16	1 15	11 29	2 41	8 59	0 33	5 50	1 3	2 37	16 26	11 58	12 28	25 40	18 4	5 0
M28	2 50	3 37	1 38	0 57	1 44	4 14	1 11	16 46	1 10	17 15	1 15	11 28	2 41	9 0	0 33	5 51	1 3	2 36	16 26	11 58	12 29	25 41	18 3	5 1
T 29	3 14	2n20	2 41	0 5	1 38	4 44	1 10	16 32	1 11	17 14	1 15	11 27	2 41	9 1	0 33	5 52	1 3	2 36	16 26	11 59	12 30	25 42	18 2	5 2
W30	3 37	8 7	3 34	0n47	1 31	5 14	1 8	16 19	1 11	17 13	1 15	11 25	2 41	9 2	0 33	5 52	1 3	2 35	16 25	12 1	12 31	25 44	18 2	5 2
T 31	4n 0	13n29	4n17	1n41	1s25	5n44	1s 7	16s 5	1s12	17s12	1n16	11s24	2n41	9n 4	0s33	5n53	1n 3	2s35	16s25	12s 4	12s32	25n45	18s 1	5n 3

Julian Day Number = 2488493.5, Delta T = 93.72 sec
Ecliptic obliquity = 23°25'42, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°09'13, Lahiri = 25°16'14

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ASTRODIENST EPHEMERIS for the year 2101
geocentric

APRIL 2101 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 36 50	11♈ 6'48	6♉44	9♈29	18♈29	20♒18	22°R32	7°R14	24♈48	17°R33	4♉14	28°R 9	26♒51	3♊ 1	19°R57	F 1
S 2	12 40 47	12° 6'05	18°46	11°30	19°43	21° 3	22♏28	7♏11	24°51	17♍31	4°15	28♒ 1	26°48	3° 8	19♐57	S 2
S 3	12 44 43	13° 5'20	0♊42	13°32	20°57	21°49	22°24	7° 7	24°55	17°30	4°17	27°53	26°44	3°14	19°57	S 3
M 4	12 48 40	14° 4'32	12°34	15°35	22°12	22°34	22°19	7° 3	24°58	17°28	4°18	27°47	26°41	3°21	19°57	M 4
T 5	12 52 36	15° 3'43	24°25	17°39	23°26	23°19	22°15	6°59	25° 1	17°27	4°19	27°43	26°38	3°28	19°56	T 5
W 6	12 56 33	16° 2'51	6♋21	19°43	24°41	24° 5	22°10	6°55	25° 5	17°25	4°21	27°40	26°35	3°35	19°56	W 6
T 7	13 0 30	17° 1'57	18°25	21°47	25°55	24°50	22° 5	6°50	25° 8	17°24	4°22	27°D40	26°32	3°41	19°55	T 7
F 8	13 4 26	18° 1'00	0♌43	23°52	27° 9	25°36	22° 0	6°46	25°12	17°22	4°23	27°40	26°28	3°48	19°54	F 8
S 9	13 8 23	19° 0'02	13°20	25°56	28°24	26°21	21°55	6°42	25°15	17°21	4°25	27°42	26°25	3°55	19°53	S 9
S 10	13 12 19	19°59'01	26°19	28° 0	29°38	27° 6	21°49	6°38	25°18	17°20	4°26	27°R42	26°22	4° 1	19°52	S 10
M11	13 16 16	20°57'57	9♍45	0♉ 3	0♉52	27°52	21°44	6°34	25°22	17°18	4°27	27°42	26°19	4° 8	19°51	M11
T 12	13 20 12	21°56'51	23°38	2° 5	2° 6	28°37	21°38	6°29	25°25	17°17	4°29	27°39	26°16	4°15	19°50	T 12
W13	13 24 9	22°55'44	7♎58	4° 6	3°21	29°23	21°32	6°25	25°29	17°16	4°30	27°34	26°13	4°22	19°49	W13
T 14	13 28 5	23°54'34	22°39	6° 4	4°35	0♓ 8	21°26	6°21	25°32	17°15	4°31	27°27	26° 9	4°28	19°48	T 14
F 15	13 32 2	24°53'22	7♏36	8° 1	5°49	0°53	21°20	6°16	25°36	17°13	4°33	27°18	26° 6	4°35	19°46	F 15
S 16	13 35 59	25°52'08	22°38	9°55	7° 3	1°39	21°14	6°12	25°39	17°12	4°34	27° 9	26° 3	4°42	19°45	S 16
S 17	13 39 55	26°50'53	7♐37	11°46	8°17	2°24	21° 8	6° 7	25°42	17°11	4°35	27° 1	26° 0	4°49	19°43	S 17
M18	13 43 52	27°49'36	22°23	13°34	9°31	3°10	21° 1	6° 3	25°46	17°10	4°37	26°55	25°57	4°55	19°42	M18
T 19	13 47 48	28°48'17	6♑51	15°19	10°45	3°55	20°55	5°58	25°49	17° 8	4°38	26°50	25°54	5° 2	19°40	T 19
W20	13 51 45	29°46'57	20°57	17° 0	11°59	4°41	20°48	5°54	25°53	17° 7	4°40	26°48	25°50	5° 9	19°38	W20
T 21	13 55 41	0♉45'35	4♒41	18°37	13°13	5°26	20°42	5°49	25°56	17° 6	4°41	26°D48	25°47	5°15	19°36	T 21
F 22	13 59 38	1°44'11	18° 3	20°10	14°27	6°12	20°35	5°45	26° 0	17° 5	4°42	26°49	25°44	5°22	19°34	F 22
S 23	14 3 34	2°42'45	1♓ 7	21°39	15°41	6°57	20°28	5°40	26° 3	17° 4	4°44	26°R49	25°41	5°29	19°32	S 23
S 24	14 7 31	3°41'18	13°56	23° 3	16°55	7°43	20°21	5°36	26° 6	17° 3	4°45	26°47	25°38	5°36	19°30	S 24
M25	14 11 28	4°39'49	26°31	24°22	18° 9	8°28	20°14	5°31	26°10	17° 2	4°46	26°44	25°34	5°42	19°28	M25
T 26	14 15 24	5°38'18	8♈56	25°37	19°23	9°13	20° 7	5°26	26°13	17° 1	4°48	26°37	25°31	5°49	19°25	T 26
W27	14 19 21	6°36'46	21°12	26°47	20°37	9°59	20° 0	5°22	26°17	17° 0	4°49	26°28	25°28	5°56	19°23	W27
T 28	14 23 17	7°35'12	3♉20	27°52	21°51	10°44	19°52	5°17	26°20	16°59	4°51	26°17	25°25	6° 2	19°20	T 28
F 29	14 27 14	8°33'36	15°23	28°51	23° 5	11°30	19°45	5°13	26°23	16°58	4°52	26° 4	25°22	6° 9	19°18	F 29
S 30	14 31 10	9♉31'59	27♉19	29♉46	24♉18	12♓15	19♏38	5♏ 8	26♈27	16♍57	4♉53	25♒50	25♒19	6♊16	19♐15	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n24	18n16	4n47	2n35	1s17	6n14	1s 5	15s52	1s13	17s11	1n16	11s23	2n42	9n 5	0s33	5n53	1n 3	2s34	16s25	12s 7	12s34	25n46	18s 0	5n 4
S 2	4 47	22 16	5 4	3 29	1 9	6 43	1 4	15 38	1 13	17 10	1 16	11 21	2 42	9 6	0 33	5 54	1 3	2 33	16 25	12 9	12 35	25 47	18 0	5 4
S 3	5 10	25 18	5 7	4 24	1 1	7 13	1 2	15 24	1 14	17 8	1 16	11 20	2 42	9 7	0 33	5 54	1 3	2 33	16 25	12 12	12 36	25 49	17 59	5 5
M 4	5 33	27 13	4 58	5 20	0 52	7 42	1 0	15 10	1 15	17 7	1 16	11 18	2 42	9 9	0 33	5 55	1 3	2 32	16 25	12 14	12 37	25 50	17 58	5 6
T 5	5 56	27 54	4 35	6 16	0 43	8 11	0 59	14 55	1 15	17 6	1 16	11 17	2 42	9 10	0 33	5 56	1 3	2 32	16 25	12 16	12 38	25 51	17 57	5 6
W 6	6 19	27 17	4 1	7 12	0 33	8 40	0 57	14 41	1 16	17 5	1 16	11 16	2 42	9 11	0 33	5 56	1 3	2 31	16 24	12 17	12 39	25 52	17 57	5 7
T 7	6 41	25 23	3 15	8 8	0 23	9 9	0 55	14 26	1 17	17 3	1 16	11 14	2 42	9 12	0 33	5 57	1 3	2 31	16 24	12 17	12 40	25 53	17 56	5 8
F 8	7 4	22 16	2 20	9 4	0 13	9 38	0 53	14 12	1 17	17 2	1 16	11 13	2 42	9 14	0 33	5 57	1 3	2 30	16 24	12 17	12 41	25 55	17 55	5 8
S 9	7 26	18 2	1 17	9 59	0 2	10 6	0 51	13 57	1 18	17 0	1 16	11 11	2 42	9 15	0 33	5 58	1 3	2 30	16 24	12 16	12 42	25 56	17 55	5 9
S 10	7 49	12 51	0 7	10 54	0n 9	10 34	0 49	13 42	1 19	16 59	1 16	11 10	2 42	9 16	0 33	5 58	1 3	2 29	16 24	12 16	12 43	25 57	17 54	5 10
M11	8 11	6 55	1s 4	11 48	0 20	11 2	0 47	13 27	1 19	16 57	1 17	11 8	2 43	9 17	0 33	5 59	1 3	2 29	16 24	12 16	12 44	25 58	17 53	5 10
T 12	8 33	0 28	2 14	12 41	0 31	11 29	0 45	13 12	1 20	16 56	1 17	11 7	2 43	9 19	0 33	5 59	1 3	2 28	16 24	12 17	12 45	25 59	17 52	5 11
W13	8 55	6s11	3 18	13 33	0 43	11 57	0 43	12 56	1 20	16 54	1 17	11 5	2 43	9 20	0 33	6 0	1 3	2 28	16 24	12 19	12 47	26 1	17 52	5 11
T 14	9 16	12 41	4 11	14 23	0 54	12 24	0 41	12 41	1 21	16 53	1 17	11 4	2 43	9 21	0 33	6 0	1 3	2 27	16 24	12 21	12 48	26 2	17 51	5 12
F 15	9 38	18 33	4 47	15 12	1 5	12 50	0 39	12 26	1 22	16 51	1 17	11 2	2 43	9 22	0 33	6 1	1 3	2 27	16 24	12 24	12 49	26 3	17 50	5 13
S 16	9 59	23 18	5 3	15 59	1 16	13 17	0 37	12 10	1 22	16 49	1 17	11 1	2 43	9 24	0 33	6 1	1 3	2 26	16 23	12 27	12 50	26 4	17 49	5 13
S 17	10 21	26 29	4 59	16 44	1 26	13 43	0 35	11 54	1 23	16 48	1 17	11 0	2 43	9 25	0 33	6 2	1 3	2 26	16 23	12 30	12 51	26 5	17 49	5 14
M18	10 42	27 47	4 35	17 26	1 37	14 8	0 33	11 38	1 24	16 46	1 17	10 58	2 43	9 26	0 33	6 2	1 3	2 25	16 23	12 32	12 52	26 6	17 48	5 15
T 19	11 3	27 8	3 54	18 7	1 46	14 34	0 30	11 22	1 24	16 44	1 17	10 57	2 43	9 27	0 33	6 3	1 3	2 25	16 23	12 34	12 53	26 7	17 47	5 15
W20	11 23	24 45	2 59	18 45	1 55	14 59	0 28	11 6	1 25	16 43	1 17	10 55	2 43	9 29	0 33	6 3	1 3	2 24	16 23	12 34	12 54	26 8	17 46	5 16
T 21	11 44	20 57	1 55	19 21	2 4	15 24	0 26	10 50	1 25	16 41	1 17	10 54	2 43	9 30	0 33	6 3	1 3	2 24	16 23	12 34	12 55	26 10	17 46	5 16
F 22	12 4	16 9	0 47	19 54	2 12	15 48	0 23	10 34	1 26	16 39	1 17	10 52	2 43	9 31	0 33	6 4	1 3	2 23	16 23	12 34	12 56	26 11	17 45	5 17
S 23	12 24	10 43	0n23	20 24	2 19	16 12	0 21	10 18	1 26	16 37	1 17	10 51	2 43	9 32	0 33	6 4	1 3	2 23	16 23	12 34	12 57	26 12	17 44	5 18
S 24	12 44	4 56	1 30	20 52	2 25	16 35	0 19	10 1	1 27	16 35	1 17	10 49	2 43	9 34	0 33	6 5	1 3	2 22	16 23	12 35	12 58	26 13	17 43	5 18
M25	13 4	0n56	2 31	21 18	2 31	16 58	0 16	9 45	1 28	16 33	1 17	10 48	2 43	9 35	0 33	6 5	1 3	2 22	16 23	12 36	12 59	26 14	17 43	5 19
T 26	13 24	6 40	3 24	21 40	2 35	17 21	0 14	9 28	1 28	16 32	1 17	10 46	2 43	9 36	0 33	6 5	1 3	2 21	16 23	12 38	13 0	26 15	17 42	5 19
W27	13 43	12 4	4 6	22 0	2 39	17 43	0 11	9 11	1 29	16 30	1 17	10 45	2 43	9 37	0 33	6 6	1 3	2 21	16 23	12 41	13 2	26 16	17 41	5 20
T 28	14 2	16 58	4 37	22 18	2 42	18 5	0 9	8 55	1 29	16 28	1 17	10 43	2 43	9 39	0 33	6 6	1 3	2 21	16 23	12 45	13 3	26 17	17 40	5 21
F 29	14 21	21 9	4 55	22 33	2 44	18 26	0 6	8 38	1 30	16 26	1 17	10 42	2 43	9 40	0 33	6 6	1 3	2 20	16 23	12 50	13 4	26 18	17 40	5 21
S 30	14n40	24n25	5n 0	22n46	2n44	18n47	0s 4	8s21	1s30	16s24	1n17	10s40	2n43	9n41	0s33	6n 7	1n 3	2s20	16s23	12s54	13s 5	26n19	17s39	5n22

Julian Day Number = 2488524.5, Delta T = 93.76 sec
Ecliptic obliquity = 23°25'42, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°09'18, Lahiri = 25°16'18

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ASTRODIENST EPHEMERIS for the year 2101
geocentric

MAY 2101 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 7	10♉30'19	9♊12	0♊35	25♉32	13♓ 1	19°R30	5°R 4	26♈30	16°R56	4♉55	25°R38	25♒15	6♊23	19°R12	S 1
M 2	14 39 3	11°28'38	21° 3	1°19	26°46	13°46	19♏23	4♏59	26°34	16♍56	4°56	25♒27	25°12	6°29	19♐ 9	M 2
T 3	14 43 0	12°26'54	2♋54	1°58	28° 0	14°31	19°15	4°55	26°37	16°55	4°57	25°18	25° 9	6°36	19° 6	T 3
W 4	14 46 57	13°25'09	14°49	2°32	29°13	15°17	19° 8	4°50	26°40	16°54	4°59	25°13	25° 6	6°43	19° 4	W 4
T 5	14 50 53	14°23'22	26°52	3° 0	0♊27	16° 2	19° 0	4°46	26°44	16°53	5° 0	25° 9	25° 3	6°50	19° 1	T 5
F 6	14 54 50	15°21'33	9♌ 7	3°22	1°41	16°47	18°52	4°41	26°47	16°53	5° 2	25° 8	25° 0	6°56	18°57	F 6
S 7	14 58 46	16°19'41	21°39	3°39	2°54	17°33	18°45	4°37	26°50	16°52	5° 3	25° 8	24°56	7° 3	18°54	S 7
S 8	15 2 43	17°17'48	4♍34	3°51	4° 8	18°18	18°37	4°32	26°53	16°51	5° 4	25° 8	24°53	7°10	18°51	S 8
M 9	15 6 39	18°15'53	17°55	3°58	5°22	19° 3	18°29	4°28	26°57	16°51	5° 6	25° 7	24°50	7°16	18°48	M 9
T 10	15 10 36	19°13'55	1♎46	3°R59	6°35	19°48	18°22	4°24	27° 0	16°50	5° 7	25° 3	24°47	7°23	18°44	T 10
W11	15 14 32	20°11'56	16° 6	3°55	7°49	20°34	18°14	4°19	27° 3	16°49	5° 8	24°57	24°44	7°30	18°41	W11
T 12	15 18 29	21° 9'55	0♏53	3°47	9° 2	21°19	18° 7	4°15	27° 6	16°49	5°10	24°48	24°40	7°37	18°38	T 12
F 13	15 22 26	22° 7'53	16° 0	3°34	10°16	22° 4	17°59	4°11	27°10	16°48	5°11	24°38	24°37	7°43	18°34	F 13
S 14	15 26 22	23° 5'49	1♐18	3°16	11°29	22°49	17°51	4° 7	27°13	16°48	5°12	24°27	24°34	7°50	18°30	S 14
S 15	15 30 19	24° 3'44	16°34	2°55	12°42	23°34	17°44	4° 2	27°16	16°48	5°14	24°17	24°31	7°57	18°27	S 15
M16	15 34 15	25° 1'37	1♑38	2°30	13°56	24°19	17°36	3°58	27°19	16°47	5°15	24° 8	24°28	8° 3	18°23	M16
T 17	15 38 12	25°59'29	16°21	2° 2	15° 9	25° 5	17°29	3°54	27°22	16°47	5°16	24° 2	24°25	8°10	18°19	T 17
W18	15 42 8	26°57'19	0♒40	1°32	16°22	25°50	17°21	3°50	27°25	16°46	5°18	23°59	24°21	8°17	18°16	W18
T 19	15 46 5	27°55'09	14°30	0°59	17°36	26°35	17°14	3°46	27°28	16°46	5°19	23°58	24°18	8°24	18°12	T 19
F 20	15 50 2	28°52'57	27°55	0°25	18°49	27°20	17° 6	3°42	27°31	16°46	5°20	23°58	24°15	8°30	18° 8	F 20
S 21	15 53 58	29°50'44	10♓56	29♉51	20° 2	28° 5	16°59	3°38	27°34	16°46	5°21	23°58	24°12	8°37	18° 4	S 21
S 22	15 57 55	0♊48'30	23°38	29°16	21°15	28°50	16°52	3°35	27°37	16°45	5°23	23°56	24° 9	8°44	18° 0	S 22
M23	16 1 51	1°46'15	6♈ 4	28°41	22°29	29°35	16°45	3°31	27°40	16°45	5°24	23°52	24° 6	8°50	17°56	M23
T 24	16 5 48	2°43'58	18°19	28° 8	23°42	0♈20	16°37	3°27	27°43	16°45	5°25	23°46	24° 2	8°57	17°52	T 24
W25	16 9 44	3°41'41	0♉24	27°36	24°55	1° 5	16°30	3°24	27°46	16°45	5°26	23°36	23°59	9° 4	17°48	W25
T 26	16 13 41	4°39'23	12°24	27° 6	26° 8	1°49	16°23	3°20	27°49	16°45	5°28	23°25	23°56	9°11	17°44	T 26
F 27	16 17 37	5°37'03	24°19	26°39	27°21	2°34	16°16	3°16	27°52	16°45	5°29	23°11	23°53	9°17	17°40	F 27
S 28	16 21 34	6°34'42	6♊11	26°15	28°34	3°19	16°10	3°13	27°55	16°D45	5°30	22°58	23°50	9°24	17°36	S 28
S 29	16 25 30	7°32'20	18° 3	25°54	29°47	4° 4	16° 3	3°10	27°58	16°45	5°31	22°45	23°46	9°31	17°32	S 29
M30	16 29 27	8°29'57	29°55	25°37	1♋ 0	4°48	15°56	3° 6	28° 1	16°45	5°33	22°33	23°43	9°38	17°28	M30
T 31	16 33 24	9♊27'33	11♋48	25♉23	2♋13	5♈33	15♏50	3♏ 3	28♈ 3	16♍45	5♉34	22♒25	23♒40	9♊44	17♐24	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n58	26n38	4n52	22n56	2n44	19n 7	0s 1	8s 4	1s31	16s22	1n17	10s39	2n43	9n42	0s33	6n 7	1n 3	2s19	16s23	12s58	13s 6	26n20	17s38	5n22
M 2	15 16	27 39	4 32	23 4	2 42	19 27	0n 1	7 47	1 31	16 20	1 17	10 37	2 43	9 43	0 33	6 7	1 3	2 19	16 23	13 2	13 7	26 21	17 37	5 23
T 3	15 34	27 23	3 59	23 9	2 40	19 46	0 4	7 30	1 32	16 18	1 17	10 36	2 43	9 45	0 33	6 8	1 3	2 18	16 23	13 5	13 8	26 22	17 37	5 23
W 4	15 52	25 51	3 16	23 12	2 36	20 5	0 6	7 13	1 32	16 16	1 17	10 34	2 43	9 46	0 33	6 8	1 3	2 18	16 23	13 7	13 9	26 23	17 36	5 24
T 5	16 9	23 7	2 24	23 13	2 31	20 23	0 9	6 56	1 33	16 14	1 17	10 33	2 43	9 47	0 33	6 8	1 3	2 18	16 23	13 8	13 10	26 24	17 35	5 24
F 6	16 26	19 19	1 24	23 11	2 25	20 40	0 11	6 39	1 33	16 12	1 17	10 31	2 43	9 48	0 33	6 8	1 3	2 17	16 23	13 8	13 11	26 25	17 34	5 25
S 7	16 43	14 34	0 18	23 8	2 18	20 57	0 14	6 22	1 34	16 10	1 17	10 30	2 42	9 49	0 33	6 9	1 3	2 17	16 23	13 8	13 12	26 26	17 34	5 25
S 8	16 59	9 4	0s50	23 2	2 9	21 14	0 16	6 4	1 34	16 8	1 17	10 29	2 42	9 51	0 33	6 9	1 3	2 17	16 23	13 8	13 13	26 27	17 33	5 26
M 9	17 16	2 58	1 57	22 53	2 0	21 30	0 19	5 47	1 35	16 6	1 17	10 27	2 42	9 52	0 33	6 9	1 3	2 16	16 23	13 9	13 14	26 28	17 32	5 26
T 10	17 32	3s28	3 0	22 43	1 49	21 45	0 22	5 30	1 35	16 4	1 17	10 26	2 42	9 53	0 33	6 9	1 3	2 16	16 23	13 10	13 15	26 29	17 31	5 27
W11	17 47	9 56	3 55	22 31	1 37	22 0	0 24	5 12	1 36	16 2	1 16	10 25	2 42	9 54	0 33	6 10	1 3	2 15	16 23	13 12	13 16	26 30	17 31	5 27
T 12	18 3	16 4	4 35	22 16	1 24	22 14	0 27	4 55	1 36	16 0	1 16	10 23	2 42	9 55	0 33	6 10	1 2	2 15	16 24	13 15	13 17	26 31	17 30	5 28
F 13	18 18	21 21	4 57	22 0	1 10	22 27	0 29	4 37	1 37	15 58	1 16	10 22	2 42	9 56	0 33	6 10	1 2	2 15	16 24	13 18	13 19	26 32	17 29	5 28
S 14	18 32	25 16	4 58	21 42	0 55	22 40	0 32	4 20	1 37	15 56	1 16	10 21	2 42	9 58	0 33	6 10	1 2	2 14	16 24	13 22	13 20	26 33	17 28	5 29
S 15	18 47	27 22	4 38	21 23	0 40	22 52	0 34	4 3	1 37	15 54	1 16	10 19	2 42	9 59	0 33	6 10	1 2	2 14	16 24	13 25	13 21	26 34	17 28	5 29
M16	19 1	27 24	3 59	21 2	0 24	23 4	0 37	3 45	1 38	15 52	1 16	10 18	2 42	10 0	0 33	6 10	1 2	2 14	16 24	13 28	13 22	26 35	17 27	5 30
T 17	19 15	25 29	3 4	20 40	0 7	23 15	0 39	3 28	1 38	15 50	1 16	10 17	2 41	10 1	0 33	6 10	1 2	2 13	16 24	13 30	13 23	26 35	17 26	5 30
W18	19 28	21 57	2 0	20 17	0s10	23 25	0 41	3 10	1 39	15 48	1 16	10 16	2 41	10 2	0 33	6 11	1 2	2 13	16 24	13 31	13 24	26 36	17 25	5 30
T 19	19 41	17 16	0 50	19 53	0 28	23 35	0 44	2 52	1 39	15 46	1 16	10 14	2 41	10 3	0 33	6 11	1 2	2 13	16 24	13 32	13 25	26 37	17 25	5 31
F 20	19 54	11 52	0n21	19 29	0 46	23 43	0 46	2 35	1 39	15 44	1 16	10 13	2 41	10 4	0 33	6 11	1 2	2 13	16 24	13 32	13 26	26 38	17 24	5 31
S 21	20 6	6 6	1 28	19 5	1 3	23 52	0 49	2 17	1 40	15 42	1 15	10 12	2 41	10 5	0 33	6 11	1 2	2 12	16 24	13 32	13 27	26 39	17 23	5 32
S 22	20 19	0 14	2 30	18 40	1 20	23 59	0 51	2 0	1 40	15 40	1 15	10 11	2 41	10 6	0 33	6 11	1 2	2 12	16 25	13 32	13 28	26 40	17 23	5 32
M23	20 30	5n31	3 23	18 16	1 37	24 6	0 53	1 42	1 40	15 38	1 15	10 10	2 41	10 7	0 33	6 11	1 2	2 12	16 25	13 34	13 29	26 41	17 22	5 32
T 24	20 42	10 57	4 5	17 53	1 54	24 12	0 56	1 25	1 41	15 36	1 15	10 9	2 40	10 8	0 33	6 11	1 2	2 11	16 25	13 36	13 30	26 42	17 21	5 33
W25	20 53	15 55	4 36	17 31	2 9	24 18	0 58	1 7	1 41	15 34	1 15	10 8	2 40	10 9	0 33	6 11	1 2	2 11	16 25	13 39	13 31	26 42	17 21	5 33
T 26	21 4	20 13	4 55	17 10	2 24	24 22	1 0	0 50	1 41	15 32	1 15	10 7	2 40	10 11	0 33	6 11	1 2	2 11	16 25	13 43	13 32	26 43	17 20	5 33
F 27	21 14	23 41	5 0	16 50	2 38	24 26	1 2	0 32	1 42	15 31	1 14	10 6	2 40	10 12	0 33	6 11	1 2	2 11	16 25	13 47	13 33	26 44	17 19	5 34
S 28	21 24	26 8	4 52	16 31	2 51	24 30	1 4	0 15	1 42	15 29	1 14	10 5	2 40	10 13	0 33	6 11	1 2	2 11	16 25	13 51	13 34	26 45	17 18	5 34
S 29	21 33	27 24	4 32	16 15	3 3	24 32	1 6	0n 3	1 42	15 27	1 14	10 4	2 40	10 14	0 33	6 11	1 2	2 10	16 26	13 56	13 35	26 46	17 18	5 34
M30	21 43	27 25	4 0	16 0	3 14	24 34	1 9	0 20	1 43	15 25	1 14	10 3	2 39	10 15	0 33	6 11	1 2	2 10	16 26	13 59	13 36	26 47	17 17	5 34
T 31	21n52	26n10	3n17	15n48	3s24	24n35	1n11	0n38	1s43	15s24	1n14	10s 2	2n39	10n16	0s33	6n11	1n 2	2s10	16s26	14s 2	13s37	26n47	17s17	5n35

Julian Day Number = 2488554.5, Delta T = 93.80 sec
Ecliptic obliquity = 23°25'41, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°09'22, Lahiri = 25°16'22

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ASTRODIENST EPHEMERIS for the year 2101
geocentric

JUNE 2101 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 37 20	10♊25'07	23♋47	25°R14	3♋26	6♈18	15°R43	3°R 0	28♈ 6	16♍45	5♉35	22°R19	23♒37	9♊51	17°R19	W 1
T 2	16 41 17	11°22'40	5♌52	25♉ 9	4°39	7° 2	15♏37	2♏57	28° 9	16°45	5°36	22♒15	23°34	9°58	17♐15	T 2
F 3	16 45 13	12°20'12	18° 9	25°D 9	5°52	7°47	15°31	2°54	28°12	16°45	5°37	22°D14	23°31	10° 4	17°11	F 3
S 4	16 49 10	13°17'42	0♍42	25°13	7° 5	8°31	15°25	2°51	28°14	16°45	5°38	22°14	23°27	10°11	17° 7	S 4
S 5	16 53 6	14°15'11	13°34	25°21	8°18	9°15	15°19	2°48	28°17	16°46	5°39	22°R15	23°24	10°18	17° 3	S 5
M 6	16 57 3	15°12'39	26°50	25°34	9°31	10° 0	15°13	2°45	28°20	16°46	5°41	22°14	23°21	10°25	16°58	M 6
T 7	17 1 0	16°10'05	10♎33	25°52	10°44	10°44	15° 7	2°43	28°22	16°46	5°42	22°12	23°18	10°31	16°54	T 7
W 8	17 4 56	17° 7'31	24°45	26°14	11°56	11°28	15° 2	2°40	28°25	16°47	5°43	22° 7	23°15	10°38	16°50	W 8
T 9	17 8 53	18° 4'55	9♏24	26°40	13° 9	12°13	14°56	2°37	28°27	16°47	5°44	22° 0	23°11	10°45	16°46	T 9
F 10	17 12 49	19° 2'18	24°25	27°10	14°22	12°57	14°51	2°35	28°30	16°47	5°45	21°52	23° 8	10°51	16°41	F 10
S 11	17 16 46	19°59'40	9♐40	27°45	15°34	13°41	14°46	2°33	28°32	16°48	5°46	21°43	23° 5	10°58	16°37	S 11
S 12	17 20 42	20°57'02	24°59	28°24	16°47	14°25	14°41	2°30	28°34	16°48	5°47	21°35	23° 2	11° 5	16°33	S 12
M13	17 24 39	21°54'22	10♑ 9	29° 7	17°59	15° 9	14°36	2°28	28°37	16°49	5°48	21°28	22°59	11°12	16°29	M13
T 14	17 28 35	22°51'43	25° 1	29°53	19°12	15°53	14°31	2°26	28°39	16°49	5°49	21°23	22°56	11°18	16°25	T 14
W15	17 32 32	23°49'02	9♒29	0♊44	20°25	16°37	14°27	2°24	28°42	16°50	5°50	21°20	22°52	11°25	16°20	W15
T 16	17 36 29	24°46'21	23°29	1°39	21°37	17°21	14°22	2°22	28°44	16°50	5°51	21°D20	22°49	11°32	16°16	T 16
F 17	17 40 25	25°43'39	7♓ 1	2°37	22°49	18° 4	14°18	2°20	28°46	16°51	5°52	21°20	22°46	11°38	16°12	F 17
S 18	17 44 22	26°40'57	20° 7	3°39	24° 2	18°48	14°14	2°19	28°48	16°52	5°53	21°21	22°43	11°45	16° 8	S 18
S 19	17 48 18	27°38'15	2♈50	4°44	25°14	19°32	14°10	2°17	28°50	16°52	5°54	21°R21	22°40	11°52	16° 4	S 19
M20	17 52 15	28°35'32	15°15	5°53	26°27	20°15	14° 6	2°15	28°52	16°53	5°55	21°20	22°37	11°59	16° 0	M20
T 21	17 56 11	29°32'50	27°26	7° 6	27°39	20°59	14° 3	2°14	28°55	16°54	5°56	21°16	22°33	12° 5	15°56	T 21
W22	18 0 8	0♋30'07	9♉27	8°21	28°51	21°42	13°59	2°13	28°57	16°55	5°57	21°10	22°30	12°12	15°52	W22
T 23	18 4 4	1°27'23	21°22	9°41	0♌ 3	22°26	13°56	2°11	28°59	16°55	5°57	21° 3	22°27	12°19	15°48	T 23
F 24	18 8 1	2°24'40	3♊14	11° 3	1°16	23° 9	13°53	2°10	29° 0	16°56	5°58	20°54	22°24	12°25	15°44	F 24
S 25	18 11 58	3°21'56	15° 5	12°29	2°28	23°52	13°50	2° 9	29° 2	16°57	5°59	20°45	22°21	12°32	15°40	S 25
S 26	18 15 54	4°19'12	26°58	13°59	3°40	24°35	13°47	2° 8	29° 4	16°58	6° 0	20°37	22°18	12°39	15°36	S 26
M27	18 19 51	5°16'28	8♋53	15°31	4°52	25°18	13°45	2° 7	29° 6	16°59	6° 1	20°29	22°14	12°46	15°32	M27
T 28	18 23 47	6°13'43	20°54	17° 7	6° 4	26° 1	13°42	2° 6	29° 8	17° 0	6° 1	20°24	22°11	12°52	15°29	T 28
W29	18 27 44	7°10'58	3♌ 0	18°46	7°16	26°44	13°40	2° 6	29°10	17° 1	6° 2	20°20	22° 8	12°59	15°25	W29
T 30	18 31 40	8♋ 8'12	15♌15	20♊28	8♌28	27♈27	13♏38	2♏ 5	29♈11	17♍ 2	6♉ 3	20°D19	22♒ 5	13♊ 6	15♐21	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 0	23n43	2n25	15n37	3s33	24n36	1n13	0n55	1s43	15s22	1n14	10s 1	2n39	10n17	0s33	6n11	1n 2	2s10	16s26	14s 4	13s39	26n48	17s16	5n35
T 2	22 8	20 11	1 26	15 29	3 40	24 35	1 15	1 12	1 43	15 20	1 13	10 0	2 39	10 17	0 33	6 11	1 2	2 9	16 26	14 5	13 40	26 49	17 15	5 35
F 3	22 16	15 44	0 22	15 23	3 46	24 34	1 16	1 30	1 44	15 19	1 13	9 59	2 39	10 18	0 33	6 11	1 2	2 9	16 26	14 6	13 41	26 50	17 15	5 35
S 4	22 23	10 31	0s45	15 19	3 51	24 32	1 18	1 47	1 44	15 17	1 13	9 58	2 38	10 19	0 33	6 11	1 2	2 9	16 27	14 6	13 42	26 50	17 14	5 36
S 5	22 30	4 45	1 51	15 17	3 55	24 30	1 20	2 4	1 44	15 16	1 13	9 58	2 38	10 20	0 33	6 10	1 2	2 9	16 27	14 5	13 43	26 51	17 13	5 36
M 6	22 36	1s23	2 53	15 18	3 58	24 27	1 22	2 21	1 44	15 14	1 13	9 57	2 38	10 21	0 33	6 10	1 2	2 9	16 27	14 6	13 44	26 52	17 13	5 36
T 7	22 43	7 40	3 47	15 20	3 59	24 23	1 24	2 39	1 45	15 13	1 12	9 56	2 38	10 22	0 33	6 10	1 2	2 9	16 27	14 6	13 45	26 53	17 12	5 36
W 8	22 48	13 46	4 30	15 24	4 0	24 18	1 25	2 56	1 45	15 11	1 12	9 55	2 38	10 23	0 33	6 10	1 2	2 8	16 27	14 8	13 46	26 53	17 12	5 37
T 9	22 54	19 18	4 56	15 31	4 0	24 13	1 27	3 13	1 45	15 10	1 12	9 55	2 37	10 24	0 34	6 10	1 2	2 8	16 28	14 10	13 47	26 54	17 11	5 37
F 10	22 59	23 46	5 3	15 39	3 58	24 7	1 28	3 30	1 45	15 8	1 12	9 54	2 37	10 25	0 34	6 10	1 2	2 8	16 28	14 13	13 48	26 55	17 11	5 37
S 11	23 3	26 39	4 49	15 49	3 56	24 0	1 30	3 47	1 45	15 7	1 12	9 54	2 37	10 26	0 34	6 10	1 2	2 8	16 28	14 16	13 49	26 56	17 10	5 37
S 12	23 7	27 34	4 14	16 0	3 53	23 53	1 31	4 4	1 45	15 6	1 11	9 53	2 37	10 26	0 34	6 9	1 2	2 8	16 28	14 18	13 50	26 56	17 9	5 37
M13	23 11	26 23	3 21	16 13	3 49	23 45	1 33	4 20	1 46	15 5	1 11	9 52	2 36	10 27	0 34	6 9	1 2	2 8	16 29	14 21	13 51	26 57	17 9	5 37
T 14	23 14	23 21	2 16	16 28	3 44	23 36	1 34	4 37	1 46	15 3	1 11	9 52	2 36	10 28	0 34	6 9	1 2	2 8	16 29	14 22	13 52	26 58	17 8	5 37
W15	23 17	18 53	1 3	16 44	3 39	23 27	1 35	4 54	1 46	15 2	1 11	9 52	2 36	10 29	0 34	6 9	1 2	2 8	16 29	14 23	13 53	26 58	17 8	5 37
T 16	23 19	13 30	0n12	17 1	3 33	23 17	1 36	5 11	1 46	15 1	1 10	9 51	2 36	10 30	0 34	6 8	1 2	2 8	16 29	14 23	13 54	26 59	17 7	5 38
F 17	23 22	7 39	1 23	17 19	3 26	23 6	1 37	5 27	1 46	15 0	1 10	9 51	2 35	10 30	0 34	6 8	1 2	2 8	16 29	14 23	13 55	27 0	17 7	5 38
S 18	23 23	1 39	2 28	17 38	3 18	22 55	1 39	5 44	1 46	14 59	1 10	9 50	2 35	10 31	0 34	6 8	1 2	2 7	16 30	14 23	13 56	27 0	17 6	5 38
S 19	23 24	4n14	3 24	17 57	3 10	22 43	1 39	6 0	1 46	14 58	1 10	9 50	2 35	10 32	0 34	6 8	1 2	2 7	16 30	14 23	13 57	27 1	17 6	5 38
M20	23 25	9 49	4 8	18 18	3 1	22 30	1 40	6 16	1 46	14 57	1 10	9 50	2 35	10 33	0 34	6 7	1 2	2 7	16 30	14 23	13 58	27 2	17 5	5 38
T 21	23 26	14 55	4 41	18 39	2 52	22 17	1 41	6 33	1 46	14 57	1 9	9 49	2 35	10 33	0 34	6 7	1 1	2 7	16 30	14 24	13 59	27 2	17 5	5 38
W22	23 26	19 22	5 0	19 1	2 43	22 3	1 42	6 49	1 46	14 56	1 9	9 49	2 34	10 34	0 34	6 7	1 1	2 7	16 31	14 26	14 0	27 3	17 5	5 38
T 23	23 25	23 1	5 6	19 23	2 33	21 48	1 43	7 5	1 46	14 55	1 9	9 49	2 34	10 35	0 34	6 6	1 1	2 7	16 31	14 28	14 1	27 3	17 4	5 38
F 24	23 24	25 41	4 59	19 45	2 22	21 33	1 43	7 21	1 46	14 54	1 9	9 49	2 34	10 35	0 34	6 6	1 1	2 7	16 31	14 31	14 2	27 4	17 4	5 38
S 25	23 23	27 13	4 40	20 7	2 11	21 17	1 44	7 37	1 46	14 54	1 8	9 49	2 34	10 36	0 34	6 6	1 1	2 7	16 31	14 34	14 3	27 5	17 3	5 38
S 26	23 21	27 31	4 8	20 29	2 0	21 1	1 44	7 52	1 46	14 53	1 8	9 49	2 33	10 37	0 34	6 5	1 1	2 7	16 32	14 37	14 4	27 5	17 3	5 38
M27	23 19	26 32	3 25	20 50	1 49	20 44	1 45	8 8	1 46	14 53	1 8	9 49	2 33	10 37	0 34	6 5	1 1	2 7	16 32	14 39	14 6	27 6	17 3	5 38
T 28	23 17	24 19	2 32	21 12	1 37	20 27	1 45	8 24	1 46	14 52	1 8	9 49	2 33	10 38	0 34	6 4	1 1	2 7	16 32	14 41	14 7	27 6	17 2	5 38
W29	23 14	20 58	1 32	21 32	1 25	20 9	1 45	8 39	1 46	14 52	1 7	9 49	2 32	10 39	0 34	6 4	1 1	2 7	16 33	14 42	14 8	27 7	17 2	5 38
T 30	23n11	16n41	0n27	21n52	1s13	19n50	1n45	8n55	1s46	14s51	1n 7	9s49	2n32	10n39	0s34	6n 4	1n 1	2s 7	16s33	14s43	14s 9	27n 8	17s 2	5n38

Julian Day Number = 2488585.5, Delta T = 93.84 sec
Ecliptic obliquity = 23°25'41, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°09'26, Lahiri = 25°16'26

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ASTRODIENST EPHEMERIS for the year 2101
geocentric

JULY 2101 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 35 37	9♋ 5'26	27♌41	22♊13	9♌40	28♈10	13°R36	2°R 5	29♈13	17♍ 3	6♉ 4	20♒19	22♒ 2	13♊12	15°R17	F 1
S 2	18 39 33	10° 2'40	10♍21	24° 1	10°52	28°52	13♏34	2♏ 4	29°15	17° 4	6° 4	20°20	21°58	13°19	15♐14	S 2
S 3	18 43 30	10°59'53	23°18	25°52	12° 4	29°35	13°33	2° 4	29°16	17° 5	6° 5	20°21	21°55	13°26	15°10	S 3
M 4	18 47 27	11°57'06	6♎34	27°45	13°16	0♉17	13°32	2° 4	29°18	17° 6	6° 6	20°R22	21°52	13°33	15° 7	M 4
T 5	18 51 23	12°54'18	20°13	29°42	14°27	1° 0	13°30	2° 4	29°19	17° 7	6° 6	20°22	21°49	13°39	15° 3	T 5
W 6	18 55 20	13°51'30	4♏15	1♋40	15°39	1°42	13°29	2°D 4	29°21	17° 9	6° 7	20°21	21°46	13°46	15° 0	W 6
T 7	18 59 16	14°48'42	18°40	3°41	16°51	2°24	13°29	2° 4	29°22	17°10	6° 8	20°18	21°43	13°53	14°57	T 7
F 8	19 3 13	15°45'54	3♐25	5°44	18° 2	3° 6	13°28	2° 4	29°23	17°11	6° 8	20°13	21°39	13°59	14°53	F 8
S 9	19 7 9	16°43'06	18°24	7°49	19°14	3°48	13°28	2° 4	29°25	17°12	6° 9	20° 9	21°36	14° 6	14°50	S 9
S 10	19 11 6	17°40'17	3♑28	9°55	20°25	4°30	13°27	2° 5	29°26	17°14	6° 9	20° 4	21°33	14°13	14°47	S 10
M11	19 15 3	18°37'28	18°29	12° 3	21°37	5°12	13°D27	2° 5	29°27	17°15	6°10	20° 1	21°30	14°20	14°44	M11
T 12	19 18 59	19°34'40	3♒17	14°11	22°48	5°53	13°27	2° 6	29°28	17°16	6°11	19°58	21°27	14°26	14°41	T 12
W13	19 22 56	20°31'52	17°45	16°20	24° 0	6°35	13°28	2° 6	29°30	17°18	6°11	19°D57	21°24	14°33	14°38	W13
T 14	19 26 52	21°29'04	1♓48	18°30	25°11	7°16	13°28	2° 7	29°31	17°19	6°12	19°58	21°20	14°40	14°35	T 14
F 15	19 30 49	22°26'16	15°25	20°39	26°22	7°58	13°29	2° 8	29°32	17°21	6°12	19°59	21°17	14°46	14°32	F 15
S 16	19 34 45	23°23'29	28°37	22°48	27°33	8°39	13°30	2° 9	29°33	17°22	6°12	20° 1	21°14	14°53	14°30	S 16
S 17	19 38 42	24°20'42	11♈25	24°57	28°45	9°20	13°31	2°10	29°34	17°23	6°13	20° 2	21°11	15° 0	14°27	S 17
M18	19 42 38	25°17'56	23°53	27° 5	29°56	10° 1	13°32	2°11	29°34	17°25	6°13	20°R 2	21° 8	15° 7	14°25	M18
T 19	19 46 35	26°15'11	6♉ 5	29°12	1♍ 7	10°42	13°33	2°12	29°35	17°26	6°14	20° 2	21° 4	15°13	14°22	T 19
W20	19 50 32	27°12'27	18° 6	1♌18	2°18	11°23	13°35	2°14	29°36	17°28	6°14	20° 1	21° 1	15°20	14°20	W20
T 21	19 54 28	28° 9'43	0♊ 0	3°23	3°29	12° 4	13°36	2°15	29°37	17°30	6°14	19°58	20°58	15°27	14°17	T 21
F 22	19 58 25	29° 6'59	11°51	5°27	4°39	12°44	13°38	2°17	29°38	17°31	6°15	19°55	20°55	15°33	14°15	F 22
S 23	20 2 21	0♌ 4'17	23°44	7°29	5°50	13°25	13°40	2°19	29°38	17°33	6°15	19°52	20°52	15°40	14°13	S 23
S 24	20 6 18	1° 1'35	5♋39	9°29	7° 1	14° 5	13°43	2°20	29°39	17°34	6°15	19°49	20°49	15°47	14°11	S 24
M25	20 10 14	1°58'54	17°41	11°28	8°12	14°45	13°45	2°22	29°39	17°36	6°16	19°47	20°45	15°54	14° 9	M25
T 26	20 14 11	2°56'13	29°51	13°26	9°22	15°25	13°48	2°24	29°40	17°38	6°16	19°45	20°42	16° 0	14° 7	T 26
W27	20 18 7	3°53'33	12♌11	15°21	10°33	16° 5	13°51	2°26	29°40	17°39	6°16	19°44	20°39	16° 7	14° 5	W27
T 28	20 22 4	4°50'54	24°41	17°15	11°44	16°45	13°53	2°28	29°41	17°41	6°16	19°D44	20°36	16°14	14° 3	T 28
F 29	20 26 1	5°48'15	7♍24	19° 8	12°54	17°25	13°57	2°30	29°41	17°43	6°16	19°44	20°33	16°20	14° 1	F 29
S 30	20 29 57	6°45'37	20°20	20°58	14° 4	18° 4	14° 0	2°33	29°41	17°45	6°16	19°45	20°30	16°27	14° 0	S 30
S 31	20 33 54	7♌42'59	3♎31	22♌47	15♍15	18♉44	14♏ 3	2♏35	29♈42	17♍46	6♉17	19♒46	20♒26	16♊34	13♐58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n 7	11n39	0s40	22n11	1s 1	19n31	1n46	9n10	1s46	14s51	1n 7	9s49	2n32	10n40	0s34	6n 3	1n 1	2s 7	16s33	14s43	14s10	27n 8	17s 1	5n38	F 1
S 2	23 3	6 2	1 47	22 29	0 49	19 11	1 46	9 25	1 46	14 51	1 7	9 49	2 32	10 40	0 34	6 3	1 1	2 7	16 33	14 42	14 11	27 9	17 1	5 38	S 2
S 3	22 58	0 4	2 50	22 45	0 37	18 51	1 45	9 40	1 46	14 51	1 6	9 49	2 31	10 41	0 34	6 2	1 1	2 8	16 34	14 42	14 12	27 9	17 1	5 38	S 3
M 4	22 53	6s 3	3 45	23 0	0 25	18 31	1 45	9 55	1 46	14 51	1 6	9 49	2 31	10 41	0 34	6 2	1 1	2 8	16 34	14 41	14 13	27 10	17 0	5 37	M 4
T 5	22 48	12 3	4 29	23 12	0 13	18 10	1 45	10 10	1 45	14 50	1 6	9 49	2 31	10 42	0 34	6 1	1 1	2 8	16 34	14 41	14 14	27 10	17 0	5 37	T 5
W 6	22 42	17 37	4 59	23 23	0 2	17 48	1 45	10 25	1 45	14 50	1 5	9 50	2 31	10 42	0 34	6 1	1 1	2 8	16 35	14 42	14 15	27 11	17 0	5 37	W 6
T 7	22 36	22 21	5 11	23 32	0n10	17 26	1 44	10 39	1 45	14 50	1 5	9 50	2 30	10 43	0 34	6 0	1 1	2 8	16 35	14 43	14 16	27 11	17 0	5 37	T 7
F 8	22 30	25 47	5 3	23 39	0 21	17 4	1 44	10 54	1 45	14 50	1 5	9 50	2 30	10 43	0 34	6 0	1 1	2 8	16 35	14 44	14 17	27 12	16 59	5 37	F 8
S 9	22 23	27 29	4 34	23 43	0 31	16 41	1 43	11 8	1 45	14 51	1 5	9 50	2 30	10 44	0 34	5 59	1 1	2 8	16 36	14 46	14 18	27 12	16 59	5 37	S 9
S 10	22 16	27 10	3 47	23 44	0 41	16 18	1 43	11 22	1 45	14 51	1 4	9 51	2 30	10 44	0 34	5 59	1 1	2 8	16 36	14 47	14 19	27 13	16 59	5 37	S 10
M11	22 8	24 51	2 44	23 43	0 50	15 54	1 42	11 36	1 44	14 51	1 4	9 51	2 29	10 45	0 34	5 58	1 1	2 8	16 36	14 48	14 20	27 13	16 59	5 37	M11
T 12	22 0	20 52	1 30	23 39	0 59	15 30	1 41	11 50	1 44	14 51	1 4	9 52	2 29	10 45	0 34	5 58	1 1	2 8	16 36	14 49	14 21	27 14	16 59	5 36	T 12
W13	21 52	15 42	0 12	23 33	1 7	15 6	1 40	12 4	1 44	14 52	1 4	9 52	2 29	10 45	0 34	5 57	1 1	2 9	16 37	14 49	14 22	27 14	16 59	5 36	W13
T 14	21 43	9 49	1n 4	23 23	1 15	14 41	1 39	12 18	1 44	14 52	1 3	9 53	2 28	10 46	0 34	5 57	1 1	2 9	16 37	14 49	14 23	27 14	16 58	5 36	T 14
F 15	21 34	3 40	2 15	23 11	1 22	14 15	1 38	12 32	1 43	14 52	1 3	9 53	2 28	10 46	0 34	5 56	1 1	2 9	16 37	14 49	14 24	27 15	16 58	5 36	F 15
S 16	21 24	2n27	3 16	22 56	1 28	13 50	1 37	12 45	1 43	14 53	1 3	9 54	2 28	10 46	0 34	5 55	1 1	2 9	16 38	14 48	14 25	27 15	16 58	5 36	S 16
S 17	21 14	8 17	4 6	22 39	1 33	13 24	1 36	12 58	1 43	14 53	1 3	9 55	2 28	10 47	0 34	5 55	1 1	2 9	16 38	14 48	14 26	27 16	16 58	5 35	S 17
M18	21 4	13 38	4 42	22 19	1 37	12 58	1 34	13 11	1 43	14 54	1 2	9 55	2 27	10 47	0 34	5 54	1 1	2 9	16 38	14 48	14 27	27 16	16 58	5 35	M18
T 19	20 53	18 20	5 5	21 57	1 41	12 31	1 33	13 24	1 42	14 55	1 2	9 56	2 27	10 47	0 34	5 54	1 1	2 10	16 39	14 48	14 28	27 17	16 58	5 35	T 19
W20	20 42	22 14	5 14	21 33	1 44	12 4	1 31	13 37	1 42	14 55	1 2	9 57	2 27	10 47	0 34	5 53	1 1	2 10	16 39	14 48	14 29	27 17	16 58	5 35	W20
T 21	20 31	25 11	5 9	21 6	1 46	11 37	1 30	13 50	1 42	14 56	1 2	9 57	2 27	10 48	0 34	5 52	1 1	2 10	16 39	14 49	14 30	27 17	16 58	5 35	T 21
F 22	20 20	27 1	4 52	20 38	1 47	11 10	1 28	14 3	1 41	14 57	1 1	9 58	2 26	10 48	0 34	5 52	1 1	2 10	16 40	14 50	14 31	27 18	16 58	5 34	F 22
S 23	20 8	27 38	4 21	20 8	1 48	10 42	1 26	14 15	1 41	14 58	1 1	9 59	2 26	10 48	0 34	5 51	1 1	2 10	16 40	14 51	14 32	27 18	16 58	5 34	S 23
S 24	19 55	26 58	3 40	19 36	1 48	10 14	1 24	14 28	1 41	14 59	1 1	10 0	2 26	10 48	0 34	5 50	1 1	2 11	16 40	14 52	14 33	27 19	16 58	5 34	S 24
M25	19 43	25 2	2 48	19 3	1 47	9 46	1 23	14 40	1 40	15 0	1 1	10 1	2 26	10 48	0 34	5 50	1 1	2 11	16 41	14 53	14 34	27 19	16 58	5 34	M25
T 26	19 30	21 55	1 48	18 29	1 46	9 18	1 20	14 52	1 40	15 1	1 0	10 2	2 25	10 49	0 34	5 49	1 1	2 11	16 41	14 53	14 35	27 19	16 58	5 33	T 26
W27	19 16	17 48	0 42	17 53	1 44	8 49	1 18	15 4	1 39	15 2	1 0	10 2	2 25	10 49	0 34	5 48	1 1	2 11	16 41	14 54	14 36	27 20	16 58	5 33	W27
T 28	19 3	12 51	0s27	17 16	1 42	8 20	1 16	15 15	1 39	15 3	1 0	10 3	2 25	10 49	0 35	5 48	1 1	2 12	16 42	14 54	14 37	27 20	16 58	5 33	T 28
F 29	18 49	7 18	1 36	16 39	1 39	7 51	1 14	15 27	1 38	15 4	1 0	10 4	2 24	10 49	0 35	5 47	1 1	2 12	16 42	14 53	14 38	27 20	16 58	5 32	F 29
S 30	18 34	1 21	2 41	16 0	1 35	7 22	1 12	15 38	1 38	15 5	0 59	10 6	2 24	10 49	0 35	5 46	1 1	2 12	16 42	14 53	14 39	27 21	16 58	5 32	S 30
S 31	18n20	4s45	3s39	15n21	1n31	6n52	1n 9	15n49	1s37	15s 7	0n59	10s 7	2n24	10n49	0s35	5n46	1n 1	2s12	16s43	14s53	14s40	27n21	16s58	5n32	S 31

Julian Day Number = 2488615.5, Delta T = 93.88 sec
Ecliptic obliquity = 23°25'41, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°09'30, Lahiri = 25°16'31

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ASTRODIENST EPHEMERIS for the year 2101
geocentric

AUGUST 2101 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 37 50	8♌40'22	16♎56	24♌34	16♍25	19♉23	14♏ 7	2♏38	29♈42	17♍48	6♉17	19♒47	20♒23	16♊41	13°R57	M 1
T 2	20 41 47	9°37'45	0♏39	26°20	17°35	20° 2	14°11	2°40	29°42	17°50	6°17	19°48	20°20	16°47	13♐56	T 2
W 3	20 45 43	10°35'09	14°37	28° 3	18°45	20°41	14°15	2°43	29°42	17°52	6°17	19°R48	20°17	16°54	13°54	W 3
T 4	20 49 40	11°32'33	28°50	29°46	19°55	21°19	14°19	2°46	29°42	17°54	6°17	19°48	20°14	17° 1	13°53	T 4
F 5	20 53 36	12°29'58	13♐17	1♍26	21° 5	21°58	14°23	2°49	29°R42	17°56	6°17	19°47	20°10	17° 7	13°52	F 5
S 6	20 57 33	13°27'24	27°53	3° 5	22°15	22°36	14°28	2°52	29°42	17°58	6°R17	19°46	20° 7	17°14	13°51	S 6
S 7	21 1 30	14°24'50	12♑33	4°42	23°25	23°15	14°32	2°55	29°42	18° 0	6°17	19°46	20° 4	17°21	13°50	S 7
M 8	21 5 26	15°22'17	27°11	6°18	24°35	23°53	14°37	2°58	29°42	18° 1	6°17	19°45	20° 1	17°27	13°49	M 8
T 9	21 9 23	16°19'45	11♒40	7°52	25°44	24°31	14°42	3° 1	29°42	18° 3	6°17	19°45	19°58	17°34	13°49	T 9
W10	21 13 19	17°17'14	25°56	9°24	26°54	25° 9	14°47	3° 4	29°42	18° 5	6°17	19°D45	19°55	17°41	13°48	W10
T 11	21 17 16	18°14'44	9♓52	10°54	28° 3	25°46	14°52	3° 8	29°41	18° 7	6°17	19°45	19°51	17°48	13°48	T 11
F 12	21 21 12	19°12'16	23°27	12°23	29°12	26°24	14°57	3°11	29°41	18° 9	6°17	19°45	19°48	17°54	13°47	F 12
S 13	21 25 9	20° 9'48	6♈40	13°50	0♎22	27° 1	15° 3	3°15	29°41	18°11	6°16	19°R45	19°45	18° 1	13°47	S 13
S 14	21 29 5	21° 7'22	19°30	15°16	1°31	27°38	15° 9	3°18	29°40	18°13	6°16	19°45	19°42	18° 8	13°47	S 14
M15	21 33 2	22° 4'57	2♉ 1	16°40	2°40	28°15	15°15	3°22	29°40	18°15	6°16	19°45	19°39	18°14	13°46	M15
T 16	21 36 59	23° 2'34	14°15	18° 2	3°49	28°52	15°20	3°26	29°39	18°17	6°16	19°45	19°35	18°21	13°D46	T 16
W17	21 40 55	24° 0'12	26°18	19°22	4°58	29°28	15°27	3°30	29°39	18°19	6°16	19°D45	19°32	18°28	13°46	W17
T 18	21 44 52	24°57'52	8♊13	20°41	6° 7	0♊ 4	15°33	3°33	29°38	18°21	6°15	19°45	19°29	18°35	13°47	T 18
F 19	21 48 48	25°55'33	20° 5	21°57	7°15	0°41	15°39	3°38	29°37	18°24	6°15	19°45	19°26	18°41	13°47	F 19
S 20	21 52 45	26°53'16	1♋58	23°12	8°24	1°17	15°46	3°42	29°37	18°26	6°15	19°46	19°23	18°48	13°47	S 20
S 21	21 56 41	27°51'00	13°57	24°25	9°32	1°52	15°52	3°46	29°36	18°28	6°15	19°47	19°20	18°55	13°48	S 21
M22	22 0 38	28°48'46	26° 5	25°35	10°41	2°28	15°59	3°50	29°35	18°30	6°14	19°48	19°16	19° 1	13°48	M22
T 23	22 4 34	29°46'33	8♌25	26°44	11°49	3° 3	16° 6	3°54	29°34	18°32	6°14	19°48	19°13	19° 8	13°49	T 23
W24	22 8 31	0♍44'22	20°59	27°50	12°57	3°38	16°13	3°59	29°33	18°34	6°14	19°R48	19°10	19°15	13°49	W24
T 25	22 12 28	1°42'12	3♍48	28°54	14° 5	4°13	16°21	4° 3	29°32	18°36	6°13	19°48	19° 7	19°21	13°50	T 25
F 26	22 16 24	2°40'04	16°53	29°56	15°13	4°47	16°28	4° 8	29°31	18°38	6°13	19°47	19° 4	19°28	13°51	F 26
S 27	22 20 21	3°37'57	0♎12	0♎54	16°21	5°22	16°35	4°12	29°30	18°41	6°12	19°45	19° 1	19°35	13°52	S 27
S 28	22 24 17	4°35'52	13°46	1°51	17°29	5°56	16°43	4°17	29°29	18°43	6°12	19°44	18°57	19°42	13°53	S 28
M29	22 28 14	5°33'47	27°31	2°44	18°37	6°30	16°51	4°22	29°28	18°45	6°12	19°42	18°54	19°48	13°54	M29
T 30	22 32 10	6°31'44	11♏27	3°34	19°44	7° 3	16°59	4°27	29°27	18°47	6°11	19°40	18°51	19°55	13°56	T 30
W31	22 36 7	7♍29'43	25♏31	4♎21	20♎51	7♊37	17♏ 7	4♏32	29°26	18♍49	6♉11	19♒39	18♒48	20♊ 2	13♐57	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n 5	10s45	4s26	14n41	1n27	6n23	1n 7	16n 1	1s37	15s 8	0n59	10s 8	2n24	10n49	0s35	5n45	1n 1	2s13	16s43	14s52	14s41	27n21	16s59	5n32
T 2	17 50	16 21	4 59	14 1	1 22	5 53	1 4	16 12	1 36	15 9	0 59	10 9	2 23	10 49	0 35	5 44	1 1	2 13	16 43	14 52	14 42	27 21	16 59	5 31
W 3	17 34	21 14	5 15	13 20	1 16	5 23	1 1	16 22	1 36	15 11	0 58	10 10	2 23	10 49	0 35	5 44	1 1	2 13	16 44	14 52	14 43	27 22	16 59	5 31
T 4	17 19	24 58	5 13	12 39	1 10	4 53	0 58	16 33	1 35	15 12	0 58	10 11	2 23	10 49	0 35	5 43	1 1	2 14	16 44	14 52	14 44	27 22	16 59	5 31
F 5	17 3	27 11	4 50	11 57	1 4	4 23	0 56	16 43	1 35	15 14	0 58	10 12	2 23	10 49	0 35	5 42	1 1	2 14	16 44	14 53	14 45	27 22	16 59	5 30
S 6	16 46	27 34	4 9	11 16	0 58	3 53	0 53	16 54	1 34	15 15	0 58	10 14	2 22	10 49	0 35	5 41	1 1	2 14	16 45	14 53	14 46	27 23	16 59	5 30
S 7	16 30	26 1	3 12	10 34	0 51	3 22	0 50	17 4	1 34	15 17	0 57	10 15	2 22	10 49	0 35	5 41	1 1	2 14	16 45	14 53	14 47	27 23	17 0	5 30
M 8	16 13	22 42	2 2	9 52	0 43	2 52	0 47	17 14	1 33	15 18	0 57	10 16	2 22	10 49	0 35	5 40	1 1	2 15	16 45	14 53	14 48	27 23	17 0	5 29
T 9	15 56	18 0	0 45	9 10	0 36	2 22	0 43	17 24	1 32	15 20	0 57	10 17	2 22	10 49	0 35	5 39	1 1	2 15	16 46	14 53	14 49	27 23	17 0	5 29
W10	15 39	12 20	0n34	8 29	0 28	1 51	0 40	17 33	1 32	15 22	0 57	10 19	2 21	10 49	0 35	5 38	1 1	2 15	16 46	14 53	14 50	27 24	17 0	5 29
T 11	15 21	6 11	1 49	7 47	0 20	1 20	0 37	17 43	1 31	15 24	0 56	10 20	2 21	10 49	0 35	5 37	1 1	2 16	16 46	14 53	14 51	27 24	17 1	5 28
F 12	15 3	0n 6	2 56	7 5	0 12	0 50	0 34	17 52	1 30	15 25	0 56	10 22	2 21	10 49	0 35	5 37	1 1	2 16	16 47	14 53	14 52	27 24	17 1	5 28
S 13	14 45	6 11	3 52	6 24	0 3	0 19	0 30	18 1	1 30	15 27	0 56	10 23	2 21	10 49	0 35	5 36	1 1	2 16	16 47	14 53	14 53	27 24	17 1	5 28
S 14	14 27	11 51	4 34	5 43	0s 6	0s12	0 27	18 11	1 29	15 29	0 56	10 24	2 21	10 48	0 35	5 35	1 1	2 17	16 47	14 53	14 54	27 24	17 2	5 27
M15	14 9	16 53	5 2	5 2	0 14	0 42	0 23	18 19	1 28	15 31	0 55	10 26	2 20	10 48	0 35	5 34	1 1	2 17	16 48	14 53	14 55	27 25	17 2	5 27
T 16	13 50	21 7	5 16	4 22	0 24	1 13	0 19	18 28	1 28	15 33	0 55	10 27	2 20	10 48	0 35	5 33	1 1	2 18	16 48	14 53	14 56	27 25	17 2	5 27
W17	13 31	24 25	5 15	3 42	0 33	1 44	0 16	18 37	1 27	15 35	0 55	10 29	2 20	10 48	0 35	5 33	1 1	2 18	16 48	14 53	14 57	27 25	17 3	5 26
T 18	13 12	26 37	5 1	3 3	0 42	2 15	0 12	18 45	1 26	15 37	0 55	10 30	2 20	10 47	0 35	5 32	1 1	2 18	16 48	14 53	14 58	27 25	17 3	5 26
F 19	12 52	27 36	4 34	2 24	0 52	2 45	0 8	18 53	1 25	15 39	0 54	10 32	2 19	10 47	0 35	5 31	1 1	2 19	16 49	14 53	14 59	27 25	17 3	5 26
S 20	12 33	27 20	3 55	1 46	1 1	3 16	0 4	19 1	1 25	15 41	0 54	10 34	2 19	10 47	0 35	5 30	1 1	2 19	16 49	14 53	15 0	27 25	17 4	5 25
S 21	12 13	25 47	3 6	1 8	1 11	3 47	0 0	19 9	1 24	15 43	0 54	10 35	2 19	10 47	0 35	5 29	1 1	2 19	16 49	14 53	15 1	27 26	17 4	5 25
M22	11 53	23 1	2 8	0 31	1 21	4 17	0s 4	19 17	1 23	15 45	0 54	10 37	2 19	10 46	0 35	5 29	1 1	2 20	16 50	14 52	15 2	27 26	17 5	5 24
T 23	11 33	19 10	1 3	0s 5	1 31	4 48	0 8	19 25	1 22	15 48	0 54	10 39	2 18	10 46	0 35	5 28	1 1	2 20	16 50	14 52	15 3	27 26	17 5	5 24
W24	11 12	14 24	0s 6	0 41	1 41	5 18	0 12	19 32	1 21	15 50	0 53	10 40	2 18	10 46	0 35	5 27	1 1	2 21	16 50	14 52	15 4	27 26	17 5	5 24
T 25	10 52	8 55	1 17	1 15	1 51	5 48	0 16	19 40	1 20	15 52	0 53	10 42	2 18	10 45	0 35	5 26	1 1	2 21	16 51	14 52	15 5	27 26	17 6	5 23
F 26	10 31	2 58	2 24	1 49	2 1	6 18	0 20	19 47	1 20	15 54	0 53	10 44	2 18	10 45	0 35	5 25	1 1	2 21	16 51	14 53	15 6	27 26	17 6	5 23
S 27	10 10	3s13	3 25	2 21	2 10	6 49	0 25	19 54	1 19	15 57	0 53	10 45	2 18	10 45	0 35	5 24	1 1	2 22	16 51	14 53	15 7	27 26	17 7	5 23
S 28	9 49	9 21	4 16	2 53	2 20	7 18	0 29	20 1	1 18	15 59	0 52	10 47	2 17	10 44	0 35	5 24	1 1	2 22	16 52	14 54	15 8	27 26	17 7	5 22
M29	9 28	15 8	4 52	3 23	2 30	7 48	0 33	20 7	1 17	16 2	0 52	10 49	2 17	10 44	0 35	5 23	1 1	2 23	16 52	14 54	15 9	27 26	17 8	5 22
T 30	9 7	20 12	5 12	3 52	2 40	8 18	0 38	20 14	1 16	16 4	0 52	10 51	2 17	10 43	0 35	5 22	1 1	2 23	16 52	14 55	15 10	27 27	17 8	5 22
W31	8n45	24s12	5s14	4s19	2s49	8s48	0s42	20n20	1s15	16s 6	0n52	10s53	2n17	10n43	0s35	5n21	1n 1	2s24	16s52	14s55	15s11	27n27	17s 9	5n21

Julian Day Number = 2488646.5, Delta T = 93.92 sec
Ecliptic obliquity = 23°25'41, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°09'34, Lahiri = 25°16'35

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ASTRODIENST EPHEMERIS for the year 2101
geocentric

SEPTEMBER 2101 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 3	8♍27'42	9♐41	5♎ 5	21♎59	8♊10	17♏15	4♏37	29°R24	18♍52	6°R10	19°D38	18♒45	20♊ 8	13♐59	T 1
F 2	22 44 0	9°25'44	23°55	5°45	23° 6	8°43	17°23	4°42	29♈23	18°54	6♉ 9	19♒39	18°41	20°15	14° 0	F 2
S 3	22 47 57	10°23'46	8♑11	6°21	24°13	9°15	17°32	4°47	29°22	18°56	6° 9	19°40	18°38	20°22	14° 2	S 3
S 4	22 51 53	11°21'50	22°25	6°53	25°20	9°48	17°40	4°52	29°20	18°58	6° 8	19°41	18°35	20°29	14° 4	S 4
M 5	22 55 50	12°19'55	6♒36	7°20	26°26	10°20	17°49	4°57	29°19	19° 0	6° 8	19°42	18°32	20°35	14° 5	M 5
T 6	22 59 46	13°18'01	20°39	7°43	27°33	10°52	17°57	5° 3	29°18	19° 3	6° 7	19°R43	18°29	20°42	14° 7	T 6
W 7	23 3 43	14°16'09	4♓32	8° 1	28°39	11°23	18° 6	5° 8	29°16	19° 5	6° 7	19°42	18°26	20°49	14° 9	W 7
T 8	23 7 39	15°14'19	18°11	8°13	29°45	11°54	18°15	5°13	29°15	19° 7	6° 6	19°40	18°22	20°55	14°11	T 8
F 9	23 11 36	16°12'30	1♈34	8°20	0♏51	12°25	18°24	5°19	29°13	19° 9	6° 5	19°37	18°19	21° 2	14°14	F 9
S 10	23 15 32	17°10'43	14°39	8°R21	1°57	12°56	18°33	5°24	29°11	19°11	6° 5	19°33	18°16	21° 9	14°16	S 10
S 11	23 19 29	18° 8'59	27°26	8°16	3° 3	13°26	18°43	5°30	29°10	19°14	6° 4	19°28	18°13	21°15	14°18	S 11
M12	23 23 26	19° 7'16	9♉56	8° 4	4° 8	13°56	18°52	5°36	29° 8	19°16	6° 3	19°24	18°10	21°22	14°21	M12
T 13	23 27 22	20° 5'35	22°11	7°46	5°13	14°26	19° 1	5°41	29° 6	19°18	6° 2	19°20	18° 7	21°29	14°23	T 13
W14	23 31 19	21° 3'56	4♊13	7°21	6°19	14°55	19°11	5°47	29° 5	19°20	6° 2	19°17	18° 3	21°36	14°26	W14
T 15	23 35 15	22° 2'20	16° 8	6°50	7°23	15°24	19°21	5°53	29° 3	19°23	6° 1	19°16	18° 0	21°42	14°29	T 15
F 16	23 39 12	23° 0'45	28° 0	6°12	8°28	15°53	19°31	5°59	29° 1	19°25	6° 0	19°D16	17°57	21°49	14°32	F 16
S 17	23 43 8	23°59'13	9♋53	5°28	9°33	16°21	19°40	6° 5	28°59	19°27	5°59	19°17	17°54	21°56	14°34	S 17
S 18	23 47 5	24°57'42	21°53	4°38	10°37	16°49	19°50	6°11	28°57	19°29	5°59	19°18	17°51	22° 2	14°37	S 18
M19	23 51 1	25°56'14	4♌ 4	3°43	11°41	17°17	20° 0	6°17	28°55	19°31	5°58	19°20	17°47	22° 9	14°40	M19
T 20	23 54 58	26°54'48	16°30	2°44	12°45	17°44	20°11	6°23	28°53	19°34	5°57	19°R21	17°44	22°16	14°44	T 20
W21	23 58 55	27°53'24	29°15	1°42	13°49	18°11	20°21	6°29	28°51	19°36	5°56	19°20	17°41	22°22	14°47	W21
T 22	0 2 51	28°52'02	12♍20	0°38	14°52	18°37	20°31	6°35	28°49	19°38	5°55	19°18	17°38	22°29	14°50	T 22
F 23	0 6 48	29°50'42	25°47	29♍33	15°56	19° 3	20°42	6°41	28°47	19°40	5°54	19°14	17°35	22°36	14°54	F 23
S 24	0 10 44	0♎49'24	9♎32	28°30	16°59	19°29	20°52	6°48	28°45	19°42	5°53	19° 9	17°32	22°42	14°57	S 24
S 25	0 14 41	1°48'08	23°33	27°30	18° 1	19°54	21° 3	6°54	28°43	19°45	5°53	19° 2	17°28	22°49	15° 1	S 25
M26	0 18 37	2°46'54	7♏46	26°35	19° 4	20°18	21°14	7° 0	28°41	19°47	5°52	18°55	17°25	22°56	15° 4	M26
T 27	0 22 34	3°45'41	22° 6	25°45	20° 6	20°43	21°24	7° 7	28°39	19°49	5°51	18°49	17°22	23° 3	15° 8	T 27
W28	0 26 30	4°44'31	6♐26	25° 2	21° 8	21° 7	21°35	7°13	28°37	19°51	5°50	18°44	17°19	23° 9	15°12	W28
T 29	0 30 27	5°43'22	20°44	24°28	22° 9	21°30	21°46	7°20	28°35	19°53	5°49	18°41	17°16	23°16	15°16	T 29
F 30	0 34 23	6♎42'15	4♑57	24♍ 3	23♏11	21♊53	21♏57	7♏26	28♈32	19♍56	5♉48	18°D40	17♒13	23♊23	15♐20	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n24	26s46	4s56	4s45	2s58	9s17	0s47	20n27	1s14	16s 9	0n52	10s54	2n17	10n43	0s35	5n20	1n 1	2s24	16s53	14s55	15s12	27n27	17s 9	5n21
F 2	8 2	27 38	4 21	5 9	3 7	9 46	0 51	20 33	1 13	16 11	0 51	10 56	2 16	10 42	0 35	5 19	1 1	2 24	16 53	14 55	15 13	27 27	17 10	5 20
S 3	7 40	26 39	3 29	5 31	3 16	10 15	0 56	20 39	1 12	16 14	0 51	10 58	2 16	10 42	0 35	5 18	1 1	2 25	16 53	14 55	15 14	27 27	17 11	5 20
S 4	7 18	23 56	2 25	5 51	3 24	10 44	1 1	20 45	1 11	16 17	0 51	11 0	2 16	10 41	0 35	5 18	1 1	2 25	16 54	14 54	15 15	27 27	17 11	5 20
M 5	6 56	19 46	1 12	6 10	3 32	11 13	1 5	20 50	1 10	16 19	0 51	11 2	2 16	10 41	0 35	5 17	1 1	2 26	16 54	14 54	15 16	27 27	17 12	5 19
T 6	6 34	14 31	0n 5	6 26	3 40	11 41	1 10	20 56	1 9	16 22	0 51	11 4	2 16	10 40	0 35	5 16	1 1	2 26	16 54	14 54	15 17	27 27	17 12	5 19
W 7	6 11	8 36	1 21	6 39	3 47	12 9	1 15	21 1	1 7	16 24	0 50	11 6	2 15	10 39	0 35	5 15	1 1	2 27	16 54	14 54	15 18	27 27	17 13	5 19
T 8	5 49	2 22	2 30	6 50	3 53	12 37	1 19	21 7	1 6	16 27	0 50	11 8	2 15	10 39	0 35	5 14	1 1	2 27	16 55	14 55	15 19	27 27	17 13	5 18
F 9	5 26	3n50	3 30	6 58	3 59	13 5	1 24	21 12	1 5	16 30	0 50	11 10	2 15	10 38	0 35	5 13	1 1	2 28	16 55	14 56	15 20	27 27	17 14	5 18
S 10	5 4	9 43	4 17	7 2	4 4	13 32	1 29	21 17	1 4	16 32	0 50	11 12	2 15	10 38	0 35	5 12	1 1	2 28	16 55	14 57	15 21	27 27	17 15	5 18
S 11	4 41	15 3	4 50	7 4	4 7	13 59	1 34	21 22	1 3	16 35	0 50	11 14	2 15	10 37	0 35	5 11	1 1	2 28	16 55	14 58	15 22	27 27	17 15	5 17
M12	4 18	19 39	5 8	7 2	4 10	14 26	1 38	21 27	1 2	16 38	0 50	11 16	2 15	10 37	0 35	5 11	1 1	2 29	16 56	15 0	15 23	27 27	17 16	5 17
T 13	3 55	23 19	5 12	6 56	4 12	14 53	1 43	21 31	1 0	16 41	0 49	11 18	2 14	10 36	0 35	5 10	1 1	2 29	16 56	15 1	15 24	27 27	17 17	5 16
W14	3 32	25 55	5 2	6 46	4 12	15 19	1 48	21 36	0 59	16 43	0 49	11 20	2 14	10 35	0 35	5 9	1 1	2 30	16 56	15 2	15 25	27 27	17 17	5 16
T 15	3 9	27 20	4 39	6 32	4 10	15 45	1 53	21 40	0 58	16 46	0 49	11 22	2 14	10 35	0 35	5 8	1 1	2 30	16 56	15 2	15 26	27 27	17 18	5 16
F 16	2 46	27 29	4 4	6 15	4 7	16 11	1 58	21 45	0 57	16 49	0 49	11 24	2 14	10 34	0 35	5 7	1 1	2 31	16 57	15 2	15 27	27 27	17 18	5 15
S 17	2 23	26 22	3 19	5 53	4 3	16 36	2 2	21 49	0 55	16 52	0 49	11 26	2 14	10 33	0 35	5 6	1 1	2 31	16 57	15 2	15 28	27 27	17 19	5 15
S 18	2 0	24 1	2 24	5 27	3 56	17 1	2 7	21 53	0 54	16 55	0 48	11 28	2 14	10 33	0 35	5 5	1 1	2 32	16 57	15 1	15 29	27 26	17 20	5 15
M19	1 37	20 34	1 22	4 57	3 47	17 26	2 12	21 57	0 52	16 58	0 48	11 30	2 13	10 32	0 36	5 5	1 1	2 32	16 57	15 1	15 30	27 26	17 20	5 14
T 20	1 14	16 8	0 16	4 24	3 37	17 50	2 17	22 1	0 51	17 0	0 48	11 33	2 13	10 31	0 36	5 4	1 1	2 33	16 57	15 1	15 31	27 26	17 21	5 14
W21	0 50	10 54	0s54	3 48	3 25	18 14	2 22	22 5	0 50	17 3	0 48	11 35	2 13	10 31	0 36	5 3	1 1	2 33	16 58	15 1	15 32	27 26	17 22	5 14
T 22	0 27	5 3	2 2	3 10	3 11	18 37	2 26	22 8	0 48	17 6	0 48	11 37	2 13	10 30	0 36	5 2	1 1	2 33	16 58	15 2	15 32	27 26	17 23	5 13
F 23	0 4	1s 9	3 4	2 30	2 55	19 1	2 31	22 12	0 47	17 9	0 48	11 39	2 13	10 29	0 36	5 1	1 1	2 34	16 58	15 3	15 33	27 26	17 23	5 13
S 24	0s20	7 25	3 58	1 49	2 37	19 23	2 36	22 16	0 45	17 12	0 47	11 41	2 13	10 28	0 36	5 0	1 1	2 34	16 58	15 5	15 34	27 26	17 24	5 13
S 25	0 43	13 27	4 39	1 8	2 19	19 46	2 41	22 19	0 44	17 15	0 47	11 43	2 13	10 28	0 36	4 59	1 1	2 35	16 58	15 7	15 35	27 26	17 25	5 12
M26	1 6	18 51	5 2	0 28	2 0	20 8	2 45	22 22	0 42	17 18	0 47	11 46	2 12	10 27	0 36	4 59	1 1	2 35	16 59	15 9	15 36	27 26	17 25	5 12
T 27	1 30	23 14	5 8	0n10	1 40	20 29	2 50	22 26	0 41	17 21	0 47	11 48	2 12	10 26	0 36	4 58	1 1	2 36	16 59	15 11	15 37	27 25	17 26	5 12
W28	1 53	26 12	4 54	0 45	1 19	20 50	2 55	22 29	0 39	17 24	0 47	11 50	2 12	10 25	0 36	4 57	1 1	2 36	16 59	15 12	15 38	27 25	17 27	5 11
T 29	2 16	27 27	4 22	1 17	0 59	21 11	2 59	22 32	0 37	17 27	0 47	11 52	2 12	10 25	0 36	4 56	1 1	2 37	16 59	15 13	15 39	27 25	17 27	5 11
F 30	2s40	26s53	3s33	1n46	0s39	21s31	3s 4	22n35	0s36	17s30	0n46	11s54	2n12	10n24	0s36	4n55	1n 1	2s37	16s59	15s13	15s40	27n25	17s28	5n11

Julian Day Number = 2488677.5, Delta T = 93.96 sec
Ecliptic obliquity = 23°25'41, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°09'39, Lahiri = 25°16'39

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ASTRODIENST EPHEMERIS for the year 2101
geocentric

OCTOBER 2101 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 20	7♎41'09	19♉ 1	23°R48	24♏12	22♊15	22♏ 9	7♏33	28°R30	19♍58	5°R47	18♒40	17♒ 9	23♊29	15♐24	S 1
S 2	0 42 17	8°40'06	2♒57	23°D43	25°13	22°37	22°20	7°39	28♈28	20° 0	5♉46	18°41	17° 6	23°36	15°28	S 2
M 3	0 46 13	9°39'03	16°44	23♍48	26°13	22°59	22°31	7°46	28°26	20° 2	5°45	18°R42	17° 3	23°43	15°32	M 3
T 4	0 50 10	10°38'03	0♓21	24° 4	27°13	23°20	22°42	7°53	28°23	20° 4	5°44	18°41	17° 0	23°49	15°36	T 4
W 5	0 54 6	11°37'05	13°48	24°30	28°13	23°40	22°54	7°59	28°21	20° 6	5°43	18°39	16°57	23°56	15°41	W 5
T 6	0 58 3	12°36'08	27° 4	25° 5	29°12	24° 0	23° 5	8° 6	28°19	20° 8	5°42	18°34	16°53	24° 3	15°45	T 6
F 7	1 1 59	13°35'13	10♈ 8	25°49	0♐11	24°20	23°17	8°13	28°16	20°10	5°41	18°26	16°50	24°10	15°50	F 7
S 8	1 5 56	14°34'20	22°59	26°41	1° 9	24°39	23°29	8°20	28°14	20°12	5°40	18°16	16°47	24°16	15°54	S 8
S 9	1 9 52	15°33'30	5♉36	27°41	2° 7	24°57	23°40	8°26	28°12	20°14	5°39	18° 6	16°44	24°23	15°59	S 9
M10	1 13 49	16°32'41	17°59	28°48	3° 5	25°15	23°52	8°33	28° 9	20°17	5°38	17°55	16°41	24°30	16° 3	M10
T 11	1 17 46	17°31'55	0♊10	0♎ 0	4° 2	25°32	24° 4	8°40	28° 7	20°19	5°37	17°46	16°38	24°36	16° 8	T 11
W12	1 21 42	18°31'11	12°10	1°19	4°59	25°49	24°16	8°47	28° 5	20°21	5°36	17°38	16°34	24°43	16°13	W12
T 13	1 25 39	19°30'29	24° 4	2°42	5°55	26° 5	24°28	8°54	28° 2	20°23	5°35	17°32	16°31	24°50	16°18	T 13
F 14	1 29 35	20°29'50	5♋53	4° 8	6°51	26°20	24°40	9° 1	28° 0	20°25	5°33	17°28	16°28	24°56	16°23	F 14
S 15	1 33 32	21°29'13	17°44	5°39	7°46	26°35	24°52	9° 8	27°57	20°27	5°32	17°D27	16°25	25° 3	16°28	S 15
S 16	1 37 28	22°28'38	29°42	7°12	8°41	26°49	25° 4	9°15	27°55	20°29	5°31	17°27	16°22	25°10	16°33	S 16
M17	1 41 25	23°28'05	11♌52	8°47	9°35	27° 2	25°16	9°22	27°52	20°30	5°30	17°R28	16°18	25°16	16°38	M17
T 18	1 45 21	24°27'35	24°19	10°24	10°29	27°15	25°28	9°29	27°50	20°32	5°29	17°28	16°15	25°23	16°43	T 18
W19	1 49 18	25°27'07	7♍ 7	12° 3	11°22	27°27	25°41	9°36	27°48	20°34	5°28	17°26	16°12	25°30	16°48	W19
T 20	1 53 15	26°26'41	20°21	13°43	12°14	27°39	25°53	9°43	27°45	20°36	5°27	17°22	16° 9	25°37	16°54	T 20
F 21	1 57 11	27°26'17	4♎ 1	15°23	13° 6	27°49	26° 5	9°50	27°43	20°38	5°26	17°15	16° 6	25°43	16°59	F 21
S 22	2 1 8	28°25'56	18° 5	17° 5	13°57	27°59	26°18	9°57	27°40	20°40	5°25	17° 6	16° 3	25°50	17° 5	S 22
S 23	2 5 4	29°25'36	2♏31	18°46	14°47	28° 8	26°30	10° 5	27°38	20°42	5°23	16°55	15°59	25°57	17°10	S 23
M24	2 9 1	0♏25'19	17°12	20°28	15°37	28°17	26°43	10°12	27°35	20°44	5°22	16°44	15°56	26° 3	17°16	M24
T 25	2 12 57	1°25'03	1♐59	22°10	16°26	28°25	26°56	10°19	27°33	20°45	5°21	16°33	15°53	26°10	17°21	T 25
W26	2 16 54	2°24'50	16°44	23°52	17°14	28°31	27° 8	10°26	27°30	20°47	5°20	16°25	15°50	26°17	17°27	W26
T 27	2 20 50	3°24'38	1♑20	25°34	18° 2	28°38	27°21	10°33	27°28	20°49	5°19	16°19	15°47	26°23	17°33	T 27
F 28	2 24 47	4°24'28	15°43	27°16	18°48	28°43	27°34	10°40	27°26	20°51	5°18	16°16	15°44	26°30	17°38	F 28
S 29	2 28 44	5°24'19	29°49	28°57	19°34	28°47	27°47	10°48	27°23	20°52	5°17	16°15	15°40	26°37	17°44	S 29
S 30	2 32 40	6°24'12	13♒39	0♏38	20°19	28°51	27°59	10°55	27°21	20°54	5°16	16°15	15°37	26°43	17°50	S 30
M31	2 36 37	7♏24'07	27♒12	2♏18	21♐ 2	28♊54	28♏12	11♏ 2	27♈18	20♍56	5♉14	16♒14	15♒34	26♊50	17♐56	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 3	24s36	2s33	2n 9	0s20	21s51	3s 8	22n38	0s34	17s33	0n46	11s57	2n12	10n23	0s36	4n54	1n 1	2s38	16s59	15s13	15s41	27n25	17s29	5n11
S 2	3 26	20 51	1 24	2 28	0 2	22 10	3 13	22 41	0 32	17 36	0 46	11 59	2 12	10 22	0 36	4 54	1 1	2 38	17 0	15 13	15 42	27 25	17 30	5 10
M 3	3 49	15 59	0 11	2 42	0n15	22 29	3 17	22 44	0 31	17 39	0 46	12 1	2 12	10 21	0 36	4 53	1 1	2 38	17 0	15 13	15 43	27 24	17 30	5 10
T 4	4 12	10 22	1n 2	2 50	0 31	22 48	3 22	22 47	0 29	17 42	0 46	12 3	2 11	10 21	0 36	4 52	1 1	2 39	17 0	15 13	15 44	27 24	17 31	5 10
W 5	4 36	4 22	2 11	2 54	0 46	23 6	3 26	22 50	0 27	17 45	0 46	12 6	2 11	10 20	0 36	4 51	1 1	2 39	17 0	15 14	15 45	27 24	17 32	5 9
T 6	4 59	1n45	3 11	2 52	0 59	23 23	3 30	22 52	0 25	17 48	0 46	12 8	2 11	10 19	0 36	4 50	1 1	2 40	17 0	15 15	15 46	27 24	17 33	5 9
F 7	5 22	7 41	4 0	2 45	1 11	23 40	3 34	22 55	0 23	17 51	0 45	12 10	2 11	10 18	0 36	4 50	1 1	2 40	17 0	15 18	15 47	27 23	17 33	5 9
S 8	5 44	13 11	4 35	2 34	1 22	23 56	3 38	22 58	0 22	17 54	0 45	12 12	2 11	10 17	0 36	4 49	1 1	2 41	17 0	15 21	15 48	27 23	17 34	5 9
S 9	6 7	18 3	4 57	2 19	1 31	24 12	3 42	23 0	0 20	17 57	0 45	12 15	2 11	10 16	0 36	4 48	1 1	2 41	17 0	15 24	15 49	27 23	17 35	5 8
M10	6 30	22 3	5 4	1 59	1 39	24 28	3 46	23 3	0 18	18 0	0 45	12 17	2 11	10 16	0 36	4 47	1 1	2 41	17 1	15 27	15 50	27 23	17 36	5 8
T 11	6 53	25 1	4 57	1 36	1 45	24 43	3 50	23 5	0 16	18 3	0 45	12 19	2 11	10 15	0 36	4 46	1 1	2 42	17 1	15 30	15 51	27 22	17 36	5 8
W12	7 15	26 49	4 37	1 10	1 50	24 57	3 54	23 8	0 14	18 6	0 45	12 21	2 11	10 14	0 36	4 46	1 1	2 42	17 1	15 33	15 52	27 22	17 37	5 7
T 13	7 38	27 22	4 5	0 40	1 54	25 11	3 58	23 11	0 12	18 9	0 45	12 24	2 11	10 13	0 36	4 45	1 1	2 43	17 1	15 34	15 53	27 22	17 38	5 7
F 14	8 0	26 40	3 23	0 8	1 57	25 24	4 1	23 13	0 10	18 12	0 44	12 26	2 10	10 12	0 36	4 44	1 1	2 43	17 1	15 35	15 54	27 22	17 38	5 7
S 15	8 22	24 45	2 32	0s26	1 59	25 37	4 5	23 16	0 7	18 15	0 44	12 28	2 10	10 11	0 36	4 43	1 1	2 44	17 1	15 36	15 55	27 21	17 39	5 7
S 16	8 45	21 43	1 33	1 2	1 59	25 49	4 8	23 18	0 5	18 19	0 44	12 31	2 10	10 10	0 36	4 43	1 1	2 44	17 1	15 36	15 56	27 21	17 40	5 6
M17	9 7	17 42	0 30	1 39	1 59	26 1	4 11	23 21	0 3	18 22	0 44	12 33	2 10	10 10	0 36	4 42	1 1	2 44	17 1	15 36	15 56	27 21	17 41	5 6
T 18	9 29	12 50	0s36	2 18	1 58	26 12	4 15	23 23	0 1	18 25	0 44	12 35	2 10	10 9	0 36	4 41	1 1	2 45	17 1	15 36	15 57	27 20	17 41	5 6
W19	9 50	7 18	1 43	2 58	1 57	26 23	4 18	23 25	0n 1	18 28	0 44	12 37	2 10	10 8	0 36	4 40	1 1	2 45	17 1	15 36	15 58	27 20	17 42	5 6
T 20	10 12	1 17	2 45	3 39	1 55	26 33	4 21	23 28	0 4	18 31	0 44	12 40	2 10	10 7	0 36	4 40	1 1	2 46	17 1	15 37	15 59	27 20	17 43	5 6
F 21	10 33	4s58	3 40	4 20	1 52	26 43	4 23	23 30	0 6	18 34	0 44	12 42	2 10	10 6	0 36	4 39	1 1	2 46	17 1	15 39	16 0	27 19	17 44	5 5
S 22	10 55	11 9	4 24	5 2	1 48	26 52	4 26	23 33	0 8	18 37	0 43	12 44	2 10	10 5	0 36	4 38	1 1	2 46	17 1	15 42	16 1	27 19	17 44	5 5
S 23	11 16	16 54	4 52	5 44	1 45	27 0	4 28	23 35	0 11	18 40	0 43	12 47	2 10	10 4	0 36	4 38	1 1	2 47	17 1	15 45	16 2	27 19	17 45	5 5
M24	11 37	21 46	5 1	6 27	1 40	27 8	4 31	23 38	0 13	18 43	0 43	12 49	2 10	10 3	0 36	4 37	1 1	2 47	17 1	15 49	16 3	27 18	17 46	5 5
T 25	11 58	25 17	4 51	7 9	1 36	27 16	4 33	23 41	0 15	18 46	0 43	12 51	2 10	10 3	0 36	4 36	1 1	2 47	17 1	15 52	16 4	27 18	17 46	5 5
W26	12 18	27 5	4 21	7 51	1 31	27 23	4 35	23 43	0 18	18 49	0 43	12 53	2 10	10 2	0 36	4 36	1 2	2 48	17 1	15 55	16 5	27 18	17 47	5 4
T 27	12 39	26 59	3 34	8 33	1 25	27 29	4 37	23 46	0 20	18 52	0 43	12 56	2 10	10 1	0 36	4 35	1 2	2 48	17 1	15 56	16 6	27 17	17 48	5 4
F 28	12 59	25 3	2 34	9 15	1 20	27 35	4 39	23 48	0 23	18 55	0 43	12 58	2 10	10 0	0 36	4 34	1 2	2 48	17 1	15 57	16 7	27 17	17 48	5 4
S 29	13 19	21 34	1 26	9 57	1 14	27 40	4 40	23 51	0 26	18 58	0 43	13 0	2 10	9 59	0 36	4 34	1 2	2 49	17 1	15 58	16 8	27 16	17 49	5 4
S 30	13 39	16 56	0 14	10 38	1 8	27 45	4 41	23 54	0 28	19 1	0 43	13 2	2 10	9 58	0 35	4 33	1 2	2 49	17 1	15 58	16 9	27 16	17 50	5 4
M31	13s59	11s32	0n58	11s18	1n 2	27s49	4s42	23n56	0n31	19s 4	0n42	13s 5	2n 9	9n57	0s35	4n32	1n 2	2s49	17s 1	15s58	16s10	27n16	17s50	5n 4

Julian Day Number = 2488707.5, Delta T = 94.00 sec
Ecliptic obliquity = 23°25'41, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°09'43, Lahiri = 25°16'43

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ASTRODIENST EPHEMERIS for the year 2101
geocentric

NOVEMBER 2101 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 33	8♏24'03	10♓31	3♏59	21♐45	28♊56	28♏25	11♏ 9	27°R16	20♍57	5°R13	16°R13	15♒31	26♊57	18♐ 2	T 1
W 2	2 44 30	9°24'01	23°37	5°38	22°27	28°57	28°38	11°16	27♈14	20°59	5♉12	16♒ 8	15°28	27° 4	18° 8	W 2
T 3	2 48 26	10°24'00	6♈32	7°18	23° 7	28°R58	28°51	11°24	27°11	21° 1	5°11	16° 1	15°24	27°10	18°14	T 3
F 4	2 52 23	11°24'01	19°15	8°56	23°47	28°57	29° 4	11°31	27° 9	21° 2	5°10	15°51	15°21	27°17	18°20	F 4
S 5	2 56 19	12°24'04	1♉49	10°35	24°25	28°56	29°17	11°38	27° 6	21° 4	5° 9	15°38	15°18	27°24	18°26	S 5
S 6	3 0 16	13°24'09	14°12	12°13	25° 2	28°53	29°30	11°45	27° 4	21° 5	5° 8	15°24	15°15	27°30	18°32	S 6
M 7	3 4 13	14°24'16	26°25	13°51	25°38	28°50	29°43	11°52	27° 2	21° 7	5° 7	15° 9	15°12	27°37	18°38	M 7
T 8	3 8 9	15°24'24	8♊29	15°28	26°12	28°46	29°56	12° 0	27° 0	21° 8	5° 5	14°56	15° 9	27°44	18°45	T 8
W 9	3 12 6	16°24'35	20°25	17° 5	26°45	28°42	0♐ 9	12° 7	26°57	21°10	5° 4	14°45	15° 5	27°50	18°51	W 9
T 10	3 16 2	17°24'47	2♋16	18°41	27°17	28°36	0°23	12°14	26°55	21°11	5° 3	14°36	15° 2	27°57	18°57	T 10
F 11	3 19 59	18°25'01	14° 4	20°17	27°47	28°29	0°36	12°21	26°53	21°13	5° 2	14°30	14°59	28° 4	19° 4	F 11
S 12	3 23 55	19°25'18	25°53	21°53	28°15	28°22	0°49	12°28	26°51	21°14	5° 1	14°27	14°56	28°10	19°10	S 12
S 13	3 27 52	20°25'36	7♌48	23°28	28°42	28°13	1° 2	12°36	26°48	21°15	5° 0	14°26	14°53	28°17	19°17	S 13
M14	3 31 48	21°25'56	19°54	25° 3	29° 8	28° 4	1°15	12°43	26°46	21°17	4°59	14°26	14°50	28°24	19°23	M14
T 15	3 35 45	22°26'18	2♍17	26°38	29°31	27°54	1°29	12°50	26°44	21°18	4°58	14°26	14°46	28°30	19°30	T 15
W16	3 39 42	23°26'42	15° 2	28°12	29°53	27°43	1°42	12°57	26°42	21°19	4°57	14°24	14°43	28°37	19°36	W16
T 17	3 43 38	24°27'08	28°14	29°46	0♑13	27°31	1°55	13° 4	26°40	21°20	4°56	14°20	14°40	28°44	19°43	T 17
F 18	3 47 35	25°27'36	11♎55	1♐20	0°31	27°18	2° 9	13°11	26°38	21°22	4°55	14°14	14°37	28°51	19°49	F 18
S 19	3 51 31	26°28'05	26° 5	2°53	0°47	27° 5	2°22	13°18	26°36	21°23	4°53	14° 5	14°34	28°57	19°56	S 19
S 20	3 55 28	27°28'37	10♏42	4°27	1° 0	26°50	2°35	13°26	26°34	21°24	4°52	13°54	14°30	29° 4	20° 2	S 20
M21	3 59 24	28°29'10	25°39	6° 0	1°12	26°35	2°49	13°33	26°32	21°25	4°51	13°42	14°27	29°11	20° 9	M21
T 22	4 3 21	29°29'45	10♐47	7°33	1°22	26°19	3° 2	13°40	26°30	21°26	4°50	13°32	14°24	29°17	20°16	T 22
W23	4 7 17	0♐30'21	25°56	9° 5	1°29	26° 3	3°15	13°47	26°28	21°27	4°49	13°23	14°21	29°24	20°23	W23
T 24	4 11 14	1°30'58	10♑55	10°38	1°34	25°45	3°29	13°54	26°26	21°28	4°48	13°16	14°18	29°31	20°29	T 24
F 25	4 15 11	2°31'37	25°37	12°10	1°37	25°27	3°42	14° 1	26°24	21°29	4°47	13°13	14°15	29°37	20°36	F 25
S 26	4 19 7	3°32'17	9♒57	13°42	1°R37	25° 9	3°55	14° 8	26°22	21°30	4°46	13°D12	14°11	29°44	20°43	S 26
S 27	4 23 4	4°32'57	23°53	15°14	1°35	24°49	4° 9	14°15	26°21	21°31	4°45	13°12	14° 8	29°51	20°50	S 27
M28	4 27 0	5°33'39	7♓27	16°46	1°31	24°30	4°22	14°22	26°19	21°32	4°45	13°R12	14° 5	29°57	20°57	M28
T 29	4 30 57	6°34'22	20°39	18°18	1°24	24° 9	4°36	14°28	26°17	21°33	4°44	13°11	14° 2	0♋ 4	21° 3	T 29
W30	4 34 53	7♐35'06	3♈35	19♐49	1♑14	23♊48	4♐49	14♏35	26♈15	21♍34	4♉43	13♒ 8	13♒59	0♋11	21♐10	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s18	5s42	2n 5	11s58	0n56	27s53	4s43	23n59	0n34	19s 7	0n42	13s 7	2n 9	9n57	0s35	4n32	1n 2	2s50	17s 1	15s58	16s11	27n15	17s51	5n 3
W 2	14 37	0n17	3 4	12 37	0 49	27 56	4 44	24 2	0 36	19 10	0 42	13 9	2 9	9 56	0 35	4 31	1 2	2 50	17 1	16 0	16 12	27 15	17 52	5 3
T 3	14 56	6 9	3 52	13 16	0 43	27 59	4 44	24 5	0 39	19 12	0 42	13 11	2 9	9 55	0 35	4 31	1 2	2 50	17 1	16 2	16 13	27 14	17 52	5 3
F 4	15 15	11 40	4 28	13 54	0 36	28 1	4 44	24 7	0 42	19 15	0 42	13 14	2 9	9 54	0 35	4 30	1 2	2 51	17 1	16 5	16 13	27 14	17 53	5 3
S 5	15 33	16 38	4 51	14 32	0 29	28 3	4 44	24 10	0 45	19 18	0 42	13 16	2 9	9 53	0 35	4 29	1 2	2 51	17 1	16 9	16 14	27 13	17 54	5 3
S 6	15 51	20 51	4 59	15 8	0 23	28 4	4 44	24 13	0 48	19 21	0 42	13 18	2 9	9 52	0 35	4 29	1 2	2 51	17 1	16 13	16 15	27 13	17 54	5 3
M 7	16 9	24 6	4 54	15 44	0 16	28 5	4 43	24 16	0 51	19 24	0 42	13 20	2 9	9 52	0 35	4 28	1 2	2 52	17 1	16 17	16 16	27 13	17 55	5 3
T 8	16 27	26 14	4 35	16 19	0 9	28 5	4 42	24 19	0 53	19 27	0 42	13 22	2 9	9 51	0 35	4 28	1 2	2 52	17 1	16 21	16 17	27 12	17 56	5 2
W 9	16 44	27 9	4 4	16 53	0 2	28 4	4 41	24 22	0 56	19 30	0 42	13 25	2 9	9 50	0 35	4 27	1 2	2 52	17 1	16 24	16 18	27 12	17 56	5 2
T 10	17 1	26 48	3 23	17 27	0s 4	28 4	4 40	24 25	0 59	19 33	0 41	13 27	2 9	9 49	0 35	4 27	1 2	2 52	17 1	16 27	16 19	27 11	17 57	5 2
F 11	17 18	25 13	2 33	17 59	0 11	28 2	4 38	24 27	1 2	19 35	0 41	13 29	2 9	9 48	0 35	4 26	1 2	2 53	17 1	16 28	16 20	27 11	17 57	5 2
S 12	17 35	22 32	1 37	18 31	0 18	28 1	4 36	24 30	1 5	19 38	0 41	13 31	2 9	9 48	0 35	4 26	1 2	2 53	17 1	16 29	16 21	27 10	17 58	5 2
S 13	17 51	18 52	0 35	19 1	0 24	27 59	4 33	24 33	1 8	19 41	0 41	13 33	2 9	9 47	0 35	4 25	1 2	2 53	17 0	16 30	16 22	27 10	17 59	5 2
M14	18 7	14 23	0s29	19 31	0 31	27 56	4 30	24 36	1 11	19 44	0 41	13 35	2 9	9 46	0 35	4 25	1 2	2 53	17 0	16 30	16 23	27 9	17 59	5 2
T 15	18 22	9 12	1 33	20 0	0 37	27 53	4 27	24 39	1 14	19 47	0 41	13 38	2 9	9 45	0 35	4 24	1 2	2 54	17 0	16 30	16 24	27 9	18 0	5 2
W16	18 38	3 31	2 34	20 28	0 44	27 49	4 24	24 42	1 18	19 49	0 41	13 40	2 9	9 45	0 35	4 24	1 2	2 54	17 0	16 30	16 25	27 8	18 0	5 2
T 17	18 52	2s30	3 30	20 54	0 50	27 45	4 20	24 45	1 21	19 52	0 41	13 42	2 9	9 44	0 35	4 23	1 2	2 54	17 0	16 31	16 26	27 7	18 1	5 2
F 18	19 7	8 37	4 15	21 20	0 56	27 41	4 15	24 48	1 24	19 55	0 41	13 44	2 9	9 43	0 35	4 23	1 2	2 54	17 0	16 33	16 26	27 7	18 1	5 2
S 19	19 21	14 31	4 47	21 45	1 2	27 36	4 10	24 51	1 27	19 58	0 41	13 46	2 9	9 42	0 35	4 22	1 2	2 54	17 0	16 36	16 27	27 6	18 2	5 2
S 20	19 35	19 47	5 1	22 8	1 8	27 30	4 5	24 53	1 30	20 0	0 41	13 48	2 9	9 42	0 35	4 22	1 2	2 55	17 0	16 39	16 28	27 6	18 2	5 2
M21	19 49	23 56	4 55	22 31	1 14	27 25	3 59	24 56	1 33	20 3	0 40	13 50	2 9	9 41	0 35	4 22	1 2	2 55	16 59	16 42	16 29	27 5	18 3	5 2
T 22	20 2	26 28	4 28	22 52	1 20	27 18	3 53	24 59	1 36	20 6	0 40	13 52	2 10	9 40	0 35	4 21	1 3	2 55	16 59	16 45	16 30	27 5	18 3	5 2
W23	20 15	27 5	3 43	23 12	1 25	27 11	3 46	25 1	1 39	20 8	0 40	13 54	2 10	9 40	0 35	4 21	1 3	2 55	16 59	16 48	16 31	27 4	18 4	5 2
T 24	20 27	25 41	2 42	23 32	1 31	27 4	3 39	25 4	1 42	20 11	0 40	13 56	2 10	9 39	0 35	4 20	1 3	2 55	16 59	16 50	16 32	27 3	18 4	5 2
F 25	20 39	22 31	1 32	23 49	1 36	26 56	3 31	25 6	1 45	20 13	0 40	13 58	2 10	9 38	0 35	4 20	1 3	2 55	16 59	16 51	16 33	27 3	18 5	5 2
S 26	20 51	18 2	0 17	24 6	1 41	26 48	3 23	25 8	1 48	20 16	0 40	14 0	2 10	9 38	0 35	4 20	1 3	2 55	16 59	16 51	16 34	27 2	18 5	5 2
S 27	21 2	12 40	0n57	24 21	1 45	26 39	3 14	25 11	1 51	20 19	0 40	14 2	2 10	9 37	0 35	4 19	1 3	2 56	16 58	16 51	16 35	27 2	18 6	5 2
M28	21 13	6 50	2 5	24 36	1 50	26 30	3 5	25 13	1 54	20 21	0 40	14 4	2 10	9 37	0 35	4 19	1 3	2 56	16 58	16 51	16 36	27 1	18 6	5 2
T 29	21 24	0 52	3 5	24 49	1 54	26 20	2 55	25 15	1 57	20 24	0 40	14 6	2 10	9 36	0 35	4 19	1 3	2 56	16 58	16 51	16 37	27 0	18 7	5 2
W30	21s34	5n 0	3n54	25s 0	1s58	26s10	2s45	25n17	2n 0	20s26	0n40	14s 8	2n10	9n35	0s35	4n18	1n 3	2s56	16s58	16s52	16s38	27n 0	18s 7	5n 2

Julian Day Number = 2488738.5, Delta T = 94.04 sec
Ecliptic obliquity = 23°25'41, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°09'47, Lahiri = 25°16'48

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ASTRODIENST EPHEMERIS for the year 2101
geocentric

DECEMBER 2101 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 50	8♐35'51	16♈15	21♐20	1°R 2	23°R27	5♐ 2	14♏42	26°R14	21♍34	4°R42	13°R 2	13♒56	0♋17	21♐17	T 1
F 2	4 42 46	9°36'36	28°43	22°51	0♑47	23♊ 5	5°16	14°49	26♈12	21°35	4♉41	12♒54	13°52	0°24	21°24	F 2
S 3	4 46 43	10°37'23	11♉ 1	24°22	0°31	22°43	5°29	14°56	26°11	21°36	4°40	12°43	13°49	0°31	21°31	S 3
S 4	4 50 40	11°38'11	23°10	25°52	0°11	22°21	5°43	15° 2	26° 9	21°37	4°39	12°32	13°46	0°37	21°38	S 4
M 5	4 54 36	12°39'01	5♊13	27°22	29♐50	21°58	5°56	15° 9	26° 8	21°37	4°38	12°19	13°43	0°44	21°45	M 5
T 6	4 58 33	13°39'51	17°10	28°52	29°26	21°35	6° 9	15°16	26° 6	21°38	4°37	12° 8	13°40	0°51	21°52	T 6
W 7	5 2 29	14°40'42	29° 2	0♑21	29° 0	21°12	6°23	15°22	26° 5	21°39	4°36	11°58	13°36	0°58	21°59	W 7
T 8	5 6 26	15°41'35	10♋51	1°50	28°32	20°49	6°36	15°29	26° 3	21°39	4°36	11°51	13°33	1° 4	22° 6	T 8
F 9	5 10 22	16°42'28	22°39	3°18	28° 3	20°26	6°49	15°36	26° 2	21°40	4°35	11°46	13°30	1°11	22°13	F 9
S 10	5 14 19	17°43'23	4♌29	4°46	27°31	20° 3	7° 3	15°42	26° 1	21°40	4°34	11°44	13°27	1°18	22°19	S 10
S 11	5 18 16	18°44'19	16°25	6°12	26°59	19°39	7°16	15°48	26° 0	21°41	4°33	11°D44	13°24	1°24	22°26	S 11
M12	5 22 12	19°45'16	28°31	7°38	26°25	19°16	7°29	15°55	25°59	21°41	4°33	11°45	13°21	1°31	22°33	M12
T 13	5 26 9	20°46'14	10♍52	9° 2	25°50	18°53	7°42	16° 1	25°57	21°41	4°32	11°46	13°17	1°38	22°40	T 13
W14	5 30 5	21°47'13	23°32	10°26	25°14	18°30	7°56	16° 8	25°56	21°42	4°31	11°R47	13°14	1°44	22°47	W14
T 15	5 34 2	22°48'14	6♎37	11°47	24°38	18° 8	8° 9	16°14	25°55	21°42	4°30	11°46	13°11	1°51	22°54	T 15
F 16	5 37 58	23°49'15	20° 9	13° 7	24° 2	17°45	8°22	16°20	25°54	21°42	4°30	11°43	13° 8	1°58	23° 1	F 16
S 17	5 41 55	24°50'18	4♏11	14°25	23°25	17°23	8°35	16°26	25°53	21°43	4°29	11°38	13° 5	2° 4	23° 8	S 17
S 18	5 45 51	25°51'21	18°42	15°40	22°49	17° 2	8°48	16°32	25°52	21°43	4°28	11°31	13° 2	2°11	23°15	S 18
M19	5 49 48	26°52'26	3♐37	16°52	22°13	16°40	9° 1	16°39	25°52	21°43	4°28	11°24	12°58	2°18	23°22	M19
T 20	5 53 45	27°53'31	18°48	18° 1	21°38	16°20	9°14	16°45	25°51	21°43	4°27	11°17	12°55	2°24	23°29	T 20
W21	5 57 41	28°54'37	4♑ 7	19° 5	21° 4	15°59	9°27	16°51	25°50	21°43	4°26	11°11	12°52	2°31	23°36	W21
T 22	6 1 38	29°55'44	19°20	20° 6	20°31	15°39	9°40	16°57	25°49	21°44	4°26	11° 7	12°49	2°38	23°43	T 22
F 23	6 5 34	0♑56'51	4♒19	21° 1	20° 0	15°20	9°53	17° 2	25°49	21°44	4°25	11°D 5	12°46	2°44	23°50	F 23
S 24	6 9 31	1°57'58	18°56	21°50	19°30	15° 2	10° 6	17° 8	25°48	21°R44	4°25	11° 5	12°42	2°51	23°57	S 24
S 25	6 13 27	2°59'05	3♓ 8	22°32	19° 2	14°44	10°19	17°14	25°48	21°44	4°24	11° 7	12°39	2°58	24° 4	S 25
M26	6 17 24	4° 0'13	16°52	23° 6	18°36	14°26	10°32	17°20	25°47	21°44	4°24	11° 8	12°36	3° 4	24°11	M26
T 27	6 21 20	5° 1'21	0♈11	23°32	18°12	14°10	10°45	17°25	25°47	21°43	4°23	11°R 9	12°33	3°11	24°17	T 27
W28	6 25 17	6° 2'28	13° 6	23°48	17°50	13°54	10°58	17°31	25°46	21°43	4°23	11° 9	12°30	3°18	24°24	W28
T 29	6 29 14	7° 3'36	25°43	23°R53	17°30	13°39	11°11	17°37	25°46	21°43	4°22	11° 7	12°27	3°24	24°31	T 29
F 30	6 33 10	8° 4'44	8♉ 4	23°48	17°13	13°24	11°23	17°42	25°46	21°43	4°22	11° 4	12°23	3°31	24°38	F 30
S 31	6 37 7	9♑ 5'51	20♉13	23♑31	16♐58	13♊11	11♐36	17♏47	25♈45	21♍43	4♉22	10♒59	12♒20	3♋38	24♐45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	21s44	10n33	4n31	25s10	2s 2	25s59	2s34	25n19	2n 3	20s29	0n40	14s10	2n10	9n35	0s35	4n18	1n 3	2s56	16s58	16s54	16s38	26n59	18s 8	5n 2	
F 2	21 53	15 35	4 54	25 19	2 5	25 48	2 22	25 20	2 6	20 31	0 40	14 12	2 10	9 34	0 35	4 18	1 3	2 56	16 57	16 56	16 39	26 58	18 8	5 2	
S 3	22 2	19 55	5 3	25 27	2 9	25 36	2 10	25 22	2 8	20 33	0 40	14 14	2 10	9 34	0 35	4 18	1 3	2 56	16 57	16 59	16 40	26 58	18 8	5 2	
S 4	22 10	23 22	4 58	25 33	2 11	25 23	1 58	25 23	2 11	20 36	0 40	14 16	2 10	9 33	0 35	4 17	1 3	2 56	16 57	17 2	16 41	26 57	18 9	5 2	
M 5	22 18	25 45	4 40	25 38	2 14	25 10	1 45	25 25	2 14	20 38	0 40	14 18	2 10	9 33	0 35	4 17	1 3	2 56	16 57	17 6	16 42	26 56	18 9	5 2	
T 6	22 26	26 57	4 9	25 41	2 16	24 57	1 31	25 26	2 16	20 41	0 39	14 20	2 10	9 32	0 35	4 17	1 3	2 56	16 56	17 9	16 43	26 56	18 9	5 2	
W 7	22 33	26 53	3 28	25 43	2 18	24 43	1 17	25 27	2 19	20 43	0 39	14 21	2 10	9 32	0 35	4 17	1 3	2 56	16 56	17 12	16 44	26 55	18 10	5 2	
T 8	22 40	25 36	2 38	25 44	2 19	24 28	1 3	25 28	2 21	20 45	0 39	14 23	2 10	9 31	0 35	4 17	1 3	2 56	16 56	17 14	16 45	26 54	18 10	5 2	
F 9	22 46	23 11	1 41	25 43	2 20	24 13	0 48	25 28	2 24	20 48	0 39	14 25	2 11	9 31	0 35	4 16	1 3	2 56	16 56	17 15	16 46	26 53	18 10	5 2	
S 10	22 52	19 46	0 39	25 41	2 20	23 58	0 34	25 29	2 26	20 50	0 39	14 27	2 11	9 30	0 35	4 16	1 3	2 56	16 55	17 15	16 47	26 53	18 11	5 2	
S 11	22 57	15 30	0s25	25 37	2 20	23 42	0 18	25 29	2 28	20 52	0 39	14 29	2 11	9 30	0 35	4 16	1 3	2 56	16 55	17 16	16 48	26 52	18 11	5 2	
M12	23 2	10 35	1 29	25 32	2 20	23 26	0 3	25 30	2 30	20 54	0 39	14 30	2 11	9 30	0 35	4 16	1 3	2 56	16 55	17 15	16 48	26 51	18 11	5 2	
T 13	23 6	5 10	2 30	25 25	2 18	23 9	0n13	25 30	2 32	20 56	0 39	14 32	2 11	9 29	0 34	4 16	1 3	2 56	16 55	17 15	16 49	26 51	18 11	5 3	
W14	23 10	0s35	3 26	25 17	2 16	22 52	0 28	25 30	2 34	20 59	0 39	14 34	2 11	9 29	0 34	4 16	1 3	2 56	16 54	17 15	16 50	26 50	18 12	5 3	
T 15	23 14	6 29	4 13	25 8	2 14	22 35	0 44	25 30	2 36	21 1	0 39	14 35	2 11	9 28	0 34	4 16	1 4	2 56	16 54	17 15	16 51	26 49	18 12	5 3	
F 16	23 17	12 18	4 47	24 57	2 11	22 18	1 0	25 29	2 38	21 3	0 39	14 37	2 11	9 28	0 34	4 16	1 4	2 56	16 54	17 16	16 52	26 48	18 12	5 3	
S 17	23 20	17 42	5 6	24 45	2 7	22 1	1 15	25 29	2 40	21 5	0 39	14 39	2 11	9 28	0 34	4 16	1 4	2 56	16 54	17 17	16 53	26 48	18 12	5 3	
S 18	23 22	22 17	5 6	24 32	2 2	21 44	1 30	25 29	2 42	21 7	0 39	14 40	2 11	9 28	0 34	4 16	1 4	2 56	16 53	17 19	16 54	26 47	18 13	5 3	
M19	23 23	25 32	4 46	24 17	1 56	21 27	1 45	25 28	2 43	21 9	0 39	14 42	2 12	9 27	0 34	4 16	1 4	2 56	16 53	17 21	16 55	26 46	18 13	5 3	
T 20	23 25	27 2	4 5	24 2	1 50	21 10	2 0	25 27	2 45	21 11	0 39	14 44	2 12	9 27	0 34	4 15	1 4	2 56	16 53	17 23	16 56	26 45	18 13	5 4	
W21	23 25	26 29	3 7	23 45	1 42	20 53	2 15	25 27	2 46	21 13	0 39	14 45	2 12	9 27	0 34	4 15	1 4	2 56	16 52	17 25	16 57	26 44	18 13	5 4	
T 22	23 26	23 56	1 55	23 28	1 34	20 37	2 29	25 26	2 47	21 15	0 39	14 47	2 12	9 27	0 34	4 15	1 4	2 56	16 52	17 26	16 57	26 44	18 13	5 4	
F 23	23 25	19 46	0 37	23 10	1 24	20 21	2 42	25 25	2 49	21 17	0 39	14 48	2 12	9 26	0 34	4 16	1 4	2 56	16 52	17 26	16 58	26 43	18 13	5 4	
S 24	23 25	14 28	0n43	22 52	1 13	20 6	2 55	25 24	2 50	21 19	0 39	14 50	2 12	9 26	0 34	4 16	1 4	2 56	16 51	17 26	16 59	26 42	18 13	5 4	
S 25	23 24	8 32	1 57	22 33	1 1	19 51	3 8	25 23	2 51	21 21	0 39	14 51	2 12	9 26	0 34	4 16	1 4	2 55	16 51	17 26	17 0	26 41	18 14	5 4	
M26	23 22	2 23	3 3	22 14	0 48	19 37	3 20	25 22	2 52	21 23	0 39	14 53	2 12	9 26	0 34	4 16	1 4	2 55	16 51	17 25	17 1	26 40	18 14	5 5	
T 27	23 20	3n41	3 56	21 56	0 34	19 24	3 31	25 21	2 53	21 25	0 39	14 54	2 13	9 26	0 34	4 16	1 4	2 55	16 50	17 25	17 2	26 39	18 14	5 5	
W28	23 17	9 24	4 36	21 38	0 18	19 11	3 42	25 20	2 54	21 26	0 38	14 56	2 13	9 26	0 34	4 16	1 4	2 55	16 50	17 25	17 3	26 39	18 14	5 5	
T 29	23 14	14 36	5 1	21 20	0 1	18 59	3 52	25 19	2 54	21 28	0 38	14 57	2 13	9 25	0 34	4 16	1 4	2 55	16 50	17 26	17 4	26 38	18 14	5 5	
F 30	23 11	19 6	5 12	21 4	0n16	18 48	4 2	25 18	2 55	21 30	0 38	14 58	2 13	9 25	0 34	4 16	1 4	2 55	16 49	17 27	17 5	26 37	18 14	5 5	
S 31	23s 7	22n44	5n 8	20s48	0n35	18s38	4n11	25n16	2n56	21s32	0n38	15s 0	2n13	9n25	0s34	4n16	1n 4	2s54	16s49	17s28	17s 5	26n36	18s14	5n 6	

Julian Day Number = 2488768.5, Delta T = 94.07 sec
Ecliptic obliquity = 23°25'40, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°09'51, Lahiri = 25°16'52

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2102
geocentric

JANUARY 2102 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 3	10♑ 6'59	2♊13	23°R 2	16°R45	12°R58	11♐49	17♏53	25°R45	21°R43	4°R21	10°R54	12♒17	3♋44	24♐52	S 1
M 2	6 45 0	11° 8'07	14° 7	22♑22	16♐35	12♊46	12° 1	17°58	25♈45	21♍42	4♉21	10♒48	12°14	3°51	24°58	M 2
T 3	6 48 56	12° 9'15	25°59	21°30	16°28	12°35	12°14	18° 3	25°45	21°42	4°20	10°43	12°11	3°58	25° 5	T 3
W 4	6 52 53	13°10'23	7♋48	20°28	16°22	12°24	12°26	18° 8	25°D45	21°42	4°20	10°38	12° 8	4° 5	25°12	W 4
T 5	6 56 50	14°11'31	19°38	19°18	16°20	12°15	12°38	18°13	25°45	21°41	4°20	10°35	12° 4	4°11	25°18	T 5
F 6	7 0 46	15°12'39	1♌31	18° 2	16°D20	12° 6	12°51	18°18	25°45	21°41	4°20	10°33	12° 1	4°18	25°25	F 6
S 7	7 4 43	16°13'47	13°27	16°42	16°22	11°58	13° 3	18°23	25°45	21°40	4°19	10°D33	11°58	4°25	25°32	S 7
S 8	7 8 39	17°14'55	25°31	15°21	16°27	11°51	13°15	18°28	25°45	21°40	4°19	10°34	11°55	4°31	25°38	S 8
M 9	7 12 36	18°16'03	7♍44	14° 1	16°34	11°44	13°28	18°33	25°45	21°39	4°19	10°35	11°52	4°38	25°45	M 9
T 10	7 16 32	19°17'11	20°10	12°46	16°43	11°39	13°40	18°38	25°46	21°39	4°19	10°37	11°48	4°45	25°52	T 10
W11	7 20 29	20°18'19	2♎52	11°36	16°55	11°34	13°52	18°42	25°46	21°38	4°18	10°38	11°45	4°51	25°58	W11
T 12	7 24 25	21°19'27	15°53	10°34	17° 9	11°30	14° 4	18°47	25°46	21°38	4°18	10°R39	11°42	4°58	26° 5	T 12
F 13	7 28 22	22°20'35	29°18	9°41	17°25	11°27	14°16	18°51	25°47	21°37	4°18	10°39	11°39	5° 5	26°11	F 13
S 14	7 32 18	23°21'44	13♏ 7	8°57	17°43	11°24	14°28	18°56	25°47	21°36	4°18	10°38	11°36	5°11	26°17	S 14
S 15	7 36 15	24°22'52	27°21	8°23	18° 3	11°23	14°39	19° 0	25°48	21°36	4°18	10°37	11°33	5°18	26°24	S 15
M16	7 40 12	25°24'01	11♐59	7°59	18°25	11°D22	14°51	19° 4	25°49	21°35	4°18	10°35	11°29	5°25	26°30	M16
T 17	7 44 8	26°25'09	26°55	7°45	18°48	11°22	15° 3	19° 8	25°49	21°34	4°18	10°33	11°26	5°31	26°37	T 17
W18	7 48 5	27°26'17	12♑ 2	7°D39	19°14	11°23	15°15	19°12	25°50	21°33	4°D18	10°31	11°23	5°38	26°43	W18
T 19	7 52 1	28°27'24	27°12	7°42	19°41	11°25	15°26	19°16	25°51	21°32	4°18	10°30	11°20	5°45	26°49	T 19
F 20	7 55 58	29°28'31	12♒13	7°53	20°10	11°27	15°37	19°20	25°51	21°32	4°18	10°D30	11°17	5°51	26°55	F 20
S 21	7 59 54	0♒29'38	26°59	8°11	20°41	11°30	15°49	19°24	25°52	21°31	4°18	10°30	11°14	5°58	27° 1	S 21
S 22	8 3 51	1°30'43	11♓21	8°36	21°13	11°34	16° 0	19°28	25°53	21°30	4°18	10°31	11°10	6° 5	27° 7	S 22
M23	8 7 48	2°31'48	25°18	9° 7	21°46	11°38	16°11	19°31	25°54	21°29	4°18	10°32	11° 7	6°11	27°14	M23
T 24	8 11 44	3°32'52	8♈48	9°44	22°21	11°43	16°23	19°35	25°55	21°28	4°18	10°33	11° 4	6°18	27°20	T 24
W25	8 15 41	4°33'54	21°51	10°25	22°57	11°49	16°34	19°38	25°56	21°27	4°18	10°33	11° 1	6°25	27°26	W25
T 26	8 19 37	5°34'56	4♉32	11°11	23°35	11°56	16°45	19°42	25°57	21°26	4°19	10°R33	10°58	6°31	27°31	T 26
F 27	8 23 34	6°35'57	16°54	12° 1	24°13	12° 3	16°55	19°45	25°58	21°25	4°19	10°33	10°54	6°38	27°37	F 27
S 28	8 27 30	7°36'57	29° 1	12°54	24°53	12°11	17° 6	19°48	26° 0	21°24	4°19	10°33	10°51	6°45	27°43	S 28
S 29	8 31 27	8°37'56	10♊57	13°51	25°35	12°20	17°17	19°51	26° 1	21°23	4°19	10°33	10°48	6°51	27°49	S 29
M30	8 35 23	9°38'53	22°48	14°51	26°17	12°29	17°27	19°54	26° 2	21°21	4°19	10°32	10°45	6°58	27°55	M30
T 31	8 39 20	10♒39'50	4♋37	15♑54	27♐ 0	12♊39	17♐38	19♏57	26♈ 4	21♍20	4♉20	10°D32	10♒42	7♋ 5	28♐ 0	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 3	25n21	4n51	20s34	0n54	18s28	4n19	25n15	2n56	21s34	0n38	15s 1	2n13	9n25	0s34	4n16	1n 4	2s54	16s49	17s29	17s 6	26n35	18s14	5n 6
M 2	22 58	26 48	4 21	20 22	1 14	18 19	4 27	25 14	2 57	21 35	0 38	15 2	2 13	9 25	0 34	4 16	1 4	2 54	16 48	17 31	17 7	26 34	18 14	5 6
T 3	22 52	27 2	3 40	20 11	1 33	18 12	4 34	25 13	2 57	21 37	0 38	15 4	2 14	9 25	0 34	4 17	1 4	2 54	16 48	17 32	17 8	26 33	18 14	5 6
W 4	22 47	26 2	2 50	20 1	1 52	18 4	4 41	25 12	2 57	21 39	0 38	15 5	2 14	9 25	0 34	4 17	1 4	2 54	16 48	17 34	17 9	26 32	18 14	5 7
T 5	22 40	23 51	1 52	19 53	2 10	17 58	4 47	25 11	2 58	21 40	0 38	15 6	2 14	9 25	0 34	4 17	1 4	2 53	16 47	17 34	17 10	26 31	18 14	5 7
F 6	22 34	20 37	0 50	19 47	2 27	17 53	4 52	25 10	2 58	21 42	0 38	15 7	2 14	9 25	0 34	4 17	1 5	2 53	16 47	17 35	17 11	26 31	18 14	5 7
S 7	22 27	16 31	0s16	19 43	2 42	17 48	4 57	25 9	2 58	21 43	0 38	15 9	2 14	9 25	0 34	4 17	1 5	2 53	16 47	17 35	17 12	26 30	18 14	5 8
S 8	22 19	11 44	1 22	19 40	2 54	17 44	5 1	25 8	2 58	21 45	0 38	15 10	2 14	9 26	0 34	4 18	1 5	2 53	16 46	17 35	17 13	26 29	18 14	5 8
M 9	22 11	6 26	2 24	19 38	3 4	17 41	5 5	25 8	2 58	21 46	0 38	15 11	2 14	9 26	0 34	4 18	1 5	2 52	16 46	17 34	17 13	26 28	18 14	5 8
T 10	22 2	0 48	3 22	19 38	3 12	17 39	5 9	25 7	2 58	21 48	0 38	15 12	2 15	9 26	0 34	4 18	1 5	2 52	16 46	17 34	17 14	26 27	18 13	5 8
W11	21 54	4s58	4 10	19 39	3 17	17 37	5 12	25 6	2 58	21 49	0 38	15 13	2 15	9 26	0 34	4 18	1 5	2 52	16 45	17 34	17 15	26 26	18 13	5 9
T 12	21 44	10 40	4 47	19 41	3 20	17 36	5 14	25 5	2 58	21 51	0 38	15 14	2 15	9 26	0 33	4 19	1 5	2 52	16 45	17 33	17 16	26 25	18 13	5 9
F 13	21 35	16 3	5 10	19 45	3 20	17 35	5 16	25 5	2 58	21 52	0 38	15 15	2 15	9 26	0 33	4 19	1 5	2 51	16 45	17 33	17 17	26 24	18 13	5 9
S 14	21 24	20 47	5 16	19 49	3 19	17 35	5 18	25 4	2 58	21 54	0 38	15 16	2 15	9 27	0 33	4 19	1 5	2 51	16 44	17 34	17 18	26 23	18 13	5 10
S 15	21 14	24 28	5 3	19 55	3 16	17 36	5 19	25 4	2 58	21 55	0 38	15 17	2 16	9 27	0 33	4 20	1 5	2 51	16 44	17 34	17 19	26 22	18 13	5 10
M16	21 3	26 41	4 30	20 1	3 11	17 37	5 20	25 4	2 57	21 56	0 38	15 18	2 16	9 27	0 33	4 20	1 5	2 50	16 44	17 35	17 20	26 21	18 13	5 10
T 17	20 52	27 2	3 39	20 8	3 4	17 38	5 20	25 3	2 57	21 58	0 38	15 19	2 16	9 27	0 33	4 20	1 5	2 50	16 43	17 35	17 20	26 20	18 12	5 11
W18	20 40	25 24	2 31	20 16	2 57	17 40	5 21	25 3	2 57	21 59	0 38	15 20	2 16	9 28	0 33	4 21	1 5	2 50	16 43	17 36	17 21	26 19	18 12	5 11
T 19	20 28	21 54	1 13	20 23	2 49	17 42	5 20	25 3	2 56	22 0	0 38	15 21	2 16	9 28	0 33	4 21	1 5	2 49	16 42	17 36	17 22	26 18	18 12	5 11
F 20	20 15	16 58	0n10	20 32	2 40	17 45	5 20	25 3	2 56	22 1	0 38	15 22	2 16	9 28	0 33	4 21	1 5	2 49	16 42	17 36	17 23	26 17	18 12	5 12
S 21	20 2	11 6	1 30	20 40	2 31	17 47	5 19	25 3	2 56	22 3	0 38	15 23	2 17	9 29	0 33	4 22	1 5	2 49	16 42	17 36	17 24	26 16	18 11	5 12
S 22	19 49	4 47	2 43	20 48	2 21	17 51	5 18	25 3	2 55	22 4	0 38	15 24	2 17	9 29	0 33	4 22	1 5	2 48	16 41	17 36	17 25	26 15	18 11	5 13
M23	19 35	1n34	3 44	20 56	2 11	17 54	5 17	25 3	2 55	22 5	0 38	15 24	2 17	9 29	0 33	4 23	1 5	2 48	16 41	17 35	17 26	26 14	18 11	5 13
T 24	19 21	7 37	4 30	21 4	2 1	17 57	5 15	25 3	2 54	22 6	0 38	15 25	2 17	9 30	0 33	4 23	1 5	2 47	16 41	17 35	17 27	26 13	18 11	5 13
W25	19 7	13 10	5 1	21 11	1 51	18 1	5 14	25 4	2 54	22 7	0 38	15 26	2 17	9 30	0 33	4 23	1 5	2 47	16 40	17 35	17 27	26 12	18 10	5 14
T 26	18 52	17 59	5 16	21 17	1 40	18 5	5 12	25 4	2 53	22 8	0 38	15 27	2 18	9 31	0 33	4 24	1 5	2 47	16 40	17 35	17 28	26 11	18 10	5 14
F 27	18 37	21 55	5 16	21 23	1 30	18 9	5 9	25 5	2 53	22 9	0 38	15 27	2 18	9 31	0 33	4 24	1 5	2 46	16 40	17 35	17 29	26 10	18 10	5 15
S 28	18 21	24 50	5 1	21 29	1 20	18 13	5 7	25 5	2 52	22 10	0 38	15 28	2 18	9 31	0 33	4 25	1 5	2 46	16 39	17 35	17 30	26 9	18 9	5 15
S 29	18 6	26 36	4 34	21 33	1 10	18 17	5 4	25 6	2 51	22 11	0 38	15 28	2 18	9 32	0 33	4 25	1 5	2 45	16 39	17 35	17 31	26 7	18 9	5 15
M30	17 50	27 9	3 55	21 37	1 0	18 21	5 1	25 6	2 51	22 12	0 38	15 29	2 18	9 32	0 33	4 26	1 5	2 45	16 39	17 35	17 32	26 6	18 9	5 16
T 31	17s33	26n27	3n 7	21s40	0n50	18s25	4n58	25n 7	2n50	22s13	0n38	15s30	2n19	9n33	0s33	4n26	1n 6	2s45	16s38	17s35	17s33	26n 5	18s 8	5n16

Julian Day Number = 2488799.5, Delta T = 94.11 sec
Ecliptic obliquity = 23°25'39, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°09'55, Lahiri = 25°16'56

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ASTRODIENST EPHEMERIS for the year 2102
geocentric

FEBRUARY 2102 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 43 17	11♒40'45	16♋26	16♑59	27♐44	12♊49	17♐48	20♏ 0	26♈ 5	21°R19	4♉20	10♒32	10♒39	7♋11	28♐ 6	W 1
T 2	8 47 13	12°41'40	28°20	18° 7	28°30	13° 0	17°59	20° 3	26° 6	21♍18	4°20	10°33	10°35	7°18	28°12	T 2
F 3	8 51 10	13°42'33	10♌19	19°16	29°16	13°12	18° 9	20° 5	26° 8	21°17	4°21	10°R33	10°32	7°25	28°17	F 3
S 4	8 55 6	14°43'25	22°27	20°28	0♑ 3	13°24	18°19	20° 8	26° 9	21°15	4°21	10°33	10°29	7°31	28°22	S 4
S 5	8 59 3	15°44'16	4♍44	21°41	0°51	13°36	18°29	20°10	26°11	21°14	4°21	10°32	10°26	7°38	28°28	S 5
M 6	9 2 59	16°45'06	17°13	22°56	1°40	13°50	18°39	20°13	26°13	21°13	4°22	10°32	10°23	7°45	28°33	M 6
T 7	9 6 56	17°45'55	29°53	24°13	2°30	14° 3	18°49	20°15	26°14	21°12	4°22	10°31	10°20	7°51	28°38	T 7
W 8	9 10 52	18°46'43	12♎48	25°31	3°21	14°18	18°59	20°17	26°16	21°10	4°23	10°30	10°16	7°58	28°44	W 8
T 9	9 14 49	19°47'31	25°58	26°50	4°12	14°32	19° 8	20°19	26°18	21° 9	4°23	10°29	10°13	8° 5	28°49	T 9
F 10	9 18 46	20°48'17	9♏24	28°11	5° 4	14°48	19°18	20°21	26°20	21° 8	4°24	10°28	10°10	8°11	28°54	F 10
S 11	9 22 42	21°49'02	23° 7	29°32	5°57	15° 3	19°27	20°23	26°21	21° 6	4°24	10°D28	10° 7	8°18	28°59	S 11
S 12	9 26 39	22°49'47	7♐ 8	0♒55	6°50	15°19	19°36	20°25	26°23	21° 5	4°25	10°28	10° 4	8°25	29° 4	S 12
M13	9 30 35	23°50'30	21°26	2°19	7°44	15°36	19°45	20°26	26°25	21° 3	4°25	10°29	10° 0	8°31	29° 9	M13
T 14	9 34 32	24°51'13	5♑58	3°45	8°39	15°53	19°54	20°28	26°27	21° 2	4°26	10°30	9°57	8°38	29°14	T 14
W15	9 38 28	25°51'54	20°40	5°11	9°34	16°11	20° 3	20°29	26°29	21° 0	4°26	10°31	9°54	8°45	29°18	W15
T 16	9 42 25	26°52'34	5♒28	6°38	10°30	16°29	20°12	20°31	26°31	20°59	4°27	10°R32	9°51	8°51	29°23	T 16
F 17	9 46 21	27°53'13	20°13	8° 6	11°26	16°47	20°21	20°32	26°34	20°57	4°28	10°32	9°48	8°58	29°28	F 17
S 18	9 50 18	28°53'50	4♓49	9°36	12°23	17° 6	20°29	20°33	26°36	20°56	4°28	10°30	9°45	9° 5	29°32	S 18
S 19	9 54 15	29°54'26	19° 9	11° 6	13°20	17°25	20°38	20°34	26°38	20°54	4°29	10°28	9°41	9°11	29°37	S 19
M20	9 58 11	0♓55'00	3♈ 8	12°37	14°18	17°44	20°46	20°35	26°40	20°53	4°30	10°25	9°38	9°18	29°41	M20
T 21	10 2 8	1°55'32	16°44	14° 9	15°16	18° 4	20°54	20°36	26°42	20°51	4°30	10°22	9°35	9°25	29°46	T 21
W22	10 6 4	2°56'03	29°54	15°42	16°15	18°25	21° 2	20°37	26°45	20°50	4°31	10°19	9°32	9°31	29°50	W22
T 23	10 10 1	3°56'32	12♉40	17°16	17°14	18°45	21°10	20°37	26°47	20°48	4°32	10°17	9°29	9°38	29°54	T 23
F 24	10 13 57	4°56'59	25° 6	18°51	18°14	19° 6	21°18	20°38	26°49	20°47	4°33	10°15	9°25	9°45	29°58	F 24
S 25	10 17 54	5°57'24	7♊16	20°27	19°14	19°28	21°26	20°38	26°52	20°45	4°33	10°D15	9°22	9°51	0♑ 2	S 25
S 26	10 21 50	6°57'48	19°13	22° 4	20°14	19°49	21°33	20°38	26°54	20°43	4°34	10°15	9°19	9°58	0° 6	S 26
M27	10 25 47	7°58'09	1♋ 3	23°41	21°15	20°11	21°40	20°39	26°57	20°42	4°35	10°17	9°16	10° 5	0°10	M27
T 28	10 29 44	8♓58'29	12♋52	25♒20	22♑16	20♊34	21♐48	20°R39	26♈59	20♍40	4♉36	10♒19	9♒13	10♋11	0♑14	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	17s16	24n34	2n10	21s41	0n40	18s29	4n55	25n 8	2n50	22s14	0n38	15s30	2n19	9n33	0s33	4n27	1n 6	2s44	16s38	17s35	17s34	26n 4	18s 8	5n17	W 1
T 2	16 59	21 35	1 7	21 42	0 30	18 33	4 52	25 8	2 49	22 15	0 38	15 31	2 19	9 34	0 33	4 27	1 6	2 44	16 37	17 35	17 34	26 3	18 8	5 17	T 2
F 3	16 42	17 40	0 1	21 42	0 21	18 37	4 48	25 9	2 48	22 16	0 38	15 31	2 19	9 35	0 33	4 28	1 6	2 43	16 37	17 35	17 35	26 2	18 7	5 18	F 3
S 4	16 25	12 59	1s 6	21 41	0 12	18 41	4 45	25 10	2 48	22 17	0 38	15 32	2 19	9 35	0 33	4 28	1 6	2 43	16 37	17 35	17 36	26 1	18 7	5 18	S 4
S 5	16 7	7 45	2 10	21 38	0 3	18 45	4 41	25 11	2 47	22 18	0 38	15 32	2 20	9 36	0 33	4 29	1 6	2 42	16 36	17 35	17 37	26 0	18 6	5 19	S 5
M 6	15 48	2 8	3 10	21 35	0s 6	18 48	4 37	25 12	2 46	22 19	0 38	15 33	2 20	9 36	0 33	4 29	1 6	2 42	16 36	17 35	17 38	25 59	18 6	5 19	M 6
T 7	15 30	3s39	4 1	21 30	0 15	18 51	4 33	25 13	2 46	22 20	0 38	15 33	2 20	9 37	0 33	4 30	1 6	2 41	16 36	17 36	17 39	25 57	18 6	5 20	T 7
W 8	15 11	9 22	4 41	21 24	0 23	18 54	4 29	25 14	2 45	22 20	0 38	15 33	2 20	9 38	0 33	4 30	1 6	2 41	16 35	17 36	17 40	25 56	18 5	5 20	W 8
T 9	14 52	14 47	5 7	21 17	0 31	18 57	4 25	25 15	2 44	22 21	0 38	15 34	2 20	9 38	0 33	4 31	1 6	2 41	16 35	17 36	17 40	25 55	18 5	5 21	T 9
F 10	14 33	19 37	5 17	21 9	0 38	19 0	4 20	25 16	2 43	22 22	0 38	15 34	2 21	9 39	0 32	4 31	1 6	2 40	16 35	17 36	17 41	25 54	18 4	5 21	F 10
S 11	14 14	23 32	5 9	20 59	0 46	19 2	4 16	25 17	2 43	22 23	0 38	15 34	2 21	9 40	0 32	4 32	1 6	2 40	16 34	17 36	17 42	25 53	18 4	5 22	S 11
S 12	13 54	26 9	4 43	20 48	0 53	19 4	4 11	25 18	2 42	22 23	0 38	15 34	2 21	9 40	0 32	4 33	1 6	2 39	16 34	17 36	17 43	25 52	18 3	5 22	S 12
M13	13 34	27 8	4 0	20 36	1 0	19 6	4 7	25 19	2 41	22 24	0 38	15 35	2 21	9 41	0 32	4 33	1 6	2 39	16 34	17 36	17 44	25 50	18 3	5 23	M13
T 14	13 14	26 17	3 0	20 23	1 7	19 7	4 2	25 20	2 40	22 25	0 38	15 35	2 22	9 42	0 32	4 34	1 6	2 38	16 33	17 36	17 45	25 49	18 2	5 23	T 14
W15	12 53	23 37	1 48	20 9	1 13	19 8	3 57	25 22	2 40	22 25	0 38	15 35	2 22	9 43	0 32	4 34	1 6	2 38	16 33	17 36	17 46	25 48	18 2	5 24	W15
T 16	12 33	19 21	0 28	19 53	1 19	19 9	3 52	25 23	2 39	22 26	0 38	15 35	2 22	9 43	0 32	4 35	1 6	2 37	16 33	17 35	17 46	25 47	18 1	5 24	T 16
F 17	12 12	13 54	0n53	19 36	1 25	19 9	3 48	25 24	2 38	22 27	0 38	15 35	2 22	9 44	0 32	4 36	1 6	2 37	16 32	17 35	17 47	25 46	18 1	5 25	F 17
S 18	11 51	7 43	2 10	19 17	1 30	19 9	3 43	25 25	2 38	22 27	0 38	15 35	2 22	9 45	0 32	4 36	1 6	2 36	16 32	17 36	17 48	25 44	18 0	5 25	S 18
S 19	11 30	1 16	3 18	18 58	1 35	19 9	3 38	25 26	2 37	22 28	0 38	15 35	2 23	9 46	0 32	4 37	1 6	2 36	16 32	17 36	17 49	25 43	18 0	5 26	S 19
M20	11 9	5n 5	4 11	18 37	1 40	19 8	3 32	25 27	2 36	22 28	0 38	15 35	2 23	9 47	0 32	4 38	1 6	2 35	16 31	17 37	17 50	25 42	17 59	5 26	M20
T 21	10 47	11 1	4 49	18 14	1 44	19 7	3 27	25 28	2 35	22 29	0 38	15 36	2 23	9 48	0 32	4 38	1 6	2 34	16 31	17 38	17 51	25 41	17 59	5 27	T 21
W22	10 25	16 15	5 10	17 51	1 49	19 6	3 22	25 29	2 35	22 29	0 38	15 35	2 23	9 48	0 32	4 39	1 6	2 34	16 31	17 39	17 51	25 39	17 58	5 28	W22
T 23	10 3	20 37	5 15	17 26	1 52	19 4	3 17	25 30	2 34	22 30	0 38	15 35	2 23	9 49	0 32	4 39	1 6	2 33	16 30	17 39	17 52	25 38	17 58	5 28	T 23
F 24	9 41	23 57	5 4	17 0	1 56	19 1	3 12	25 31	2 33	22 30	0 38	15 35	2 24	9 50	0 32	4 40	1 6	2 33	16 30	17 40	17 53	25 37	17 57	5 29	F 24
S 25	9 19	26 7	4 41	16 33	1 59	18 58	3 6	25 32	2 32	22 31	0 38	15 35	2 24	9 51	0 32	4 41	1 6	2 32	16 30	17 40	17 54	25 36	17 56	5 29	S 25
S 26	8 57	27 4	4 5	16 4	2 1	18 55	3 1	25 33	2 32	22 31	0 38	15 35	2 24	9 52	0 32	4 41	1 6	2 32	16 29	17 40	17 55	25 34	17 56	5 30	S 26
M27	8 35	26 45	3 19	15 34	2 4	18 51	2 56	25 34	2 31	22 32	0 38	15 35	2 24	9 53	0 32	4 42	1 6	2 31	16 29	17 39	17 56	25 33	17 55	5 30	M27
T 28	8s12	25n13	2n25	15s 3	2s 6	18s47	2n51	25n35	2n30	22s32	0n38	15s35	2n25	9n54	0s32	4n43	1n 6	2s31	16s29	17s39	17s57	25n32	17s55	5n31	T 28

Julian Day Number = 2488830.5, Delta T = 94.15 sec
Ecliptic obliquity = 23°25'39, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°10'00, Lahiri = 25°17'00

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ASTRODIENST EPHEMERIS for the year 2102
geocentric

MARCH 2102 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 33 40	9♓58'46	24♋42	27♒ 0	23♉17	20♊56	21♐55	20°R39	27♈ 2	20°R39	4♉37	10♒20	9♒10	10♋18	0♉18	W 1
T 2	10 37 37	10°59'02	6♌40	28°41	24°19	21°19	22° 2	20♏39	27° 4	20♍37	4°38	10°R21	9° 6	10°25	0°21	T 2
F 3	10 41 33	11°59'15	18°47	0♓22	25°21	21°43	22° 8	20°38	27° 7	20°35	4°38	10°21	9° 3	10°31	0°25	F 3
S 4	10 45 30	12°59'27	1♍ 7	2° 5	26°24	22° 6	22°15	20°38	27°10	20°34	4°39	10°19	9° 0	10°38	0°28	S 4
S 5	10 49 26	13°59'37	13°41	3°49	27°26	22°30	22°22	20°38	27°12	20°32	4°40	10°16	8°57	10°45	0°32	S 5
M 6	10 53 23	14°59'45	26°30	5°34	28°29	22°54	22°28	20°37	27°15	20°30	4°41	10°11	8°54	10°51	0°35	M 6
T 7	10 57 19	15°59'51	9♎33	7°20	29°33	23°18	22°34	20°36	27°18	20°29	4°42	10° 5	8°51	10°58	0°38	T 7
W 8	11 1 16	16°59'56	22°50	9° 7	0♒36	23°43	22°40	20°36	27°21	20°27	4°43	9°58	8°47	11° 5	0°41	W 8
T 9	11 5 13	17°59'59	6♏19	10°55	1°40	24° 8	22°46	20°35	27°24	20°25	4°44	9°52	8°44	11°11	0°44	T 9
F 10	11 9 9	19° 0'01	20° 0	12°44	2°44	24°33	22°52	20°34	27°26	20°24	4°45	9°48	8°41	11°18	0°47	F 10
S 11	11 13 6	20° 0'00	3♐51	14°35	3°48	24°58	22°57	20°33	27°29	20°22	4°46	9°45	8°38	11°25	0°50	S 11
S 12	11 17 2	20°59'59	17°50	16°26	4°53	25°24	23° 3	20°32	27°32	20°20	4°47	9°D44	8°35	11°31	0°53	S 12
M13	11 20 59	21°59'55	1♑56	18°19	5°58	25°50	23° 8	20°31	27°35	20°19	4°48	9°44	8°31	11°38	0°56	M13
T 14	11 24 55	22°59'51	16° 9	20°12	7° 3	26°16	23°13	20°29	27°38	20°17	4°49	9°45	8°28	11°45	0°58	T 14
W15	11 28 52	23°59'44	0♒27	22° 7	8° 8	26°42	23°18	20°28	27°41	20°15	4°50	9°46	8°25	11°51	1° 1	W15
T 16	11 32 48	24°59'36	14°47	24° 3	9°14	27° 8	23°23	20°26	27°44	20°14	4°51	9°R46	8°22	11°58	1° 3	T 16
F 17	11 36 45	25°59'26	29° 5	25°59	10°19	27°35	23°27	20°25	27°47	20°12	4°52	9°45	8°19	12° 5	1° 6	F 17
S 18	11 40 42	26°59'14	13♓18	27°57	11°25	28° 2	23°32	20°23	27°50	20°10	4°54	9°41	8°16	12°11	1° 8	S 18
S 19	11 44 38	27°59'00	27°20	29°55	12°31	28°29	23°36	20°21	27°53	20° 9	4°55	9°35	8°12	12°18	1°10	S 19
M20	11 48 35	28°58'44	11♈ 7	1♈55	13°37	28°56	23°40	20°19	27°56	20° 7	4°56	9°27	8° 9	12°25	1°12	M20
T 21	11 52 31	29°58'26	24°35	3°54	14°44	29°24	23°44	20°17	27°59	20° 5	4°57	9°18	8° 6	12°31	1°14	T 21
W22	11 56 28	0♈58'07	7♉43	5°55	15°50	29°51	23°48	20°15	28° 2	20° 4	4°58	9° 9	8° 3	12°38	1°16	W22
T 23	12 0 24	1°57'44	20°30	7°55	16°57	0♋19	23°51	20°13	28° 6	20° 2	4°59	9° 1	8° 0	12°45	1°18	T 23
F 24	12 4 21	2°57'20	2♊57	9°56	18° 4	0°47	23°55	20°11	28° 9	20° 1	5° 1	8°55	7°57	12°51	1°20	F 24
S 25	12 8 17	3°56'54	15° 8	11°56	19°11	1°16	23°58	20° 8	28°12	19°59	5° 2	8°51	7°53	12°58	1°21	S 25
S 26	12 12 14	4°56'25	27° 7	13°56	20°18	1°44	24° 1	20° 6	28°15	19°57	5° 3	8°49	7°50	13° 4	1°23	S 26
M27	12 16 10	5°55'54	8♋57	15°55	21°26	2°13	24° 4	20° 3	28°18	19°56	5° 4	8°D48	7°47	13°11	1°24	M27
T 28	12 20 7	6°55'21	20°46	17°53	22°33	2°41	24° 6	20° 1	28°22	19°54	5° 5	8°49	7°44	13°18	1°26	T 28
W29	12 24 4	7°54'45	2♌38	19°50	23°41	3°10	24° 9	19°58	28°25	19°53	5° 7	8°R50	7°41	13°24	1°27	W29
T 30	12 28 0	8°54'07	14°38	21°44	24°48	3°39	24°11	19°55	28°28	19°51	5° 8	8°50	7°37	13°31	1°28	T 30
F 31	12 31 57	9♈53'27	26♌50	23♈37	25♒56	4♋ 8	24♐13	19♏52	28♈32	19♍49	5♉ 9	8♒48	7♒34	13♋38	1♉29	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s49	22n34	1n25	14s30	2s 7	18s42	2n45	25n36	2n29	22s33	0n38	15s35	2n25	9n55	0s32	4n43	1n 6	2s30	16s29	17s38	17s57	25n31	17s54	5n32
T 2	7 27	18 56	0 20	13 56	2 8	18 37	2 40	25 37	2 29	22 33	0 38	15 34	2 25	9 56	0 32	4 44	1 6	2 30	16 28	17 38	17 58	25 29	17 53	5 32
F 3	7 4	14 27	0s46	13 21	2 9	18 32	2 34	25 38	2 28	22 33	0 38	15 34	2 25	9 57	0 32	4 45	1 6	2 29	16 28	17 38	17 59	25 28	17 53	5 33
S 4	6 41	9 20	1 51	12 44	2 9	18 25	2 29	25 38	2 27	22 34	0 38	15 34	2 25	9 58	0 32	4 45	1 6	2 29	16 28	17 39	18 0	25 27	17 52	5 33
S 5	6 18	3 46	2 52	12 7	2 9	18 19	2 24	25 39	2 26	22 34	0 38	15 33	2 26	9 59	0 32	4 46	1 6	2 28	16 27	17 40	18 1	25 25	17 52	5 34
M 6	5 54	2s 3	3 45	11 28	2 9	18 12	2 18	25 40	2 26	22 35	0 38	15 33	2 26	10 0	0 32	4 47	1 6	2 27	16 27	17 41	18 2	25 24	17 51	5 35
T 7	5 31	7 53	4 28	10 47	2 8	18 4	2 13	25 40	2 25	22 35	0 38	15 33	2 26	10 1	0 32	4 47	1 6	2 27	16 27	17 43	18 2	25 23	17 50	5 35
W 8	5 8	13 28	4 57	10 6	2 6	17 56	2 8	25 41	2 24	22 35	0 38	15 32	2 26	10 2	0 32	4 48	1 6	2 26	16 27	17 44	18 3	25 21	17 50	5 36
T 9	4 45	18 29	5 10	9 23	2 4	17 48	2 2	25 41	2 23	22 35	0 38	15 32	2 26	10 3	0 32	4 49	1 6	2 26	16 26	17 46	18 4	25 20	17 49	5 37
F 10	4 21	22 38	5 6	8 39	2 2	17 39	1 57	25 41	2 23	22 36	0 38	15 32	2 27	10 4	0 32	4 49	1 6	2 25	16 26	17 47	18 5	25 19	17 48	5 37
S 11	3 58	25 33	4 44	7 54	1 59	17 29	1 51	25 42	2 22	22 36	0 38	15 31	2 27	10 5	0 32	4 50	1 6	2 25	16 26	17 48	18 6	25 17	17 48	5 38
S 12	3 34	26 56	4 5	7 7	1 56	17 19	1 46	25 42	2 21	22 36	0 38	15 31	2 27	10 6	0 32	4 51	1 6	2 24	16 26	17 48	18 7	25 16	17 47	5 38
M13	3 10	26 35	3 11	6 20	1 52	17 9	1 41	25 42	2 20	22 37	0 39	15 30	2 27	10 7	0 32	4 51	1 6	2 24	16 25	17 48	18 7	25 15	17 46	5 39
T 14	2 47	24 31	2 5	5 31	1 47	16 58	1 36	25 42	2 20	22 37	0 39	15 30	2 27	10 8	0 32	4 52	1 6	2 23	16 25	17 48	18 8	25 13	17 46	5 40
W15	2 23	20 52	0 50	4 41	1 42	16 46	1 30	25 42	2 19	22 37	0 39	15 29	2 28	10 9	0 32	4 53	1 6	2 22	16 25	17 48	18 9	25 12	17 45	5 40
T 16	1 59	15 58	0n27	3 50	1 36	16 34	1 25	25 42	2 18	22 37	0 39	15 28	2 28	10 10	0 32	4 53	1 6	2 22	16 25	17 48	18 10	25 10	17 44	5 41
F 17	1 36	10 11	1 43	2 59	1 30	16 22	1 20	25 42	2 17	22 37	0 39	15 28	2 28	10 11	0 32	4 54	1 6	2 21	16 24	17 48	18 11	25 9	17 44	5 42
S 18	1 12	3 56	2 51	2 6	1 24	16 9	1 15	25 42	2 17	22 38	0 39	15 27	2 28	10 12	0 32	4 55	1 6	2 21	16 24	17 49	18 11	25 8	17 43	5 42
S 19	0 48	2n25	3 48	1 12	1 16	15 55	1 10	25 41	2 16	22 38	0 39	15 26	2 28	10 14	0 32	4 55	1 6	2 20	16 24	17 51	18 12	25 6	17 42	5 43
M20	0 24	8 32	4 30	0 18	1 9	15 42	1 5	25 41	2 15	22 38	0 39	15 26	2 29	10 15	0 32	4 56	1 6	2 20	16 24	17 53	18 13	25 5	17 42	5 44
T 21	0 1	14 7	4 57	0n38	1 0	15 27	1 0	25 40	2 15	22 38	0 39	15 25	2 29	10 16	0 31	4 57	1 6	2 19	16 24	17 55	18 14	25 3	17 41	5 44
W22	0n23	18 54	5 7	1 33	0 52	15 13	0 55	25 40	2 14	22 38	0 39	15 24	2 29	10 17	0 31	4 57	1 6	2 18	16 23	17 57	18 15	25 2	17 40	5 45
T 23	0 47	22 41	5 1	2 29	0 42	14 57	0 50	25 39	2 13	22 38	0 39	15 24	2 29	10 18	0 31	4 58	1 6	2 18	16 23	18 0	18 16	25 0	17 40	5 46
F 24	1 10	25 19	4 40	3 26	0 33	14 42	0 45	25 38	2 12	22 39	0 39	15 23	2 29	10 19	0 31	4 58	1 6	2 17	16 23	18 1	18 16	24 59	17 39	5 46
S 25	1 34	26 42	4 8	4 22	0 22	14 26	0 40	25 37	2 12	22 39	0 39	15 22	2 29	10 20	0 31	4 59	1 6	2 17	16 23	18 2	18 17	24 58	17 38	5 47
S 26	1 58	26 48	3 25	5 19	0 12	14 9	0 35	25 36	2 11	22 39	0 39	15 21	2 30	10 22	0 31	5 0	1 6	2 16	16 23	18 3	18 18	24 56	17 38	5 48
M27	2 21	25 40	2 33	6 15	0 1	13 52	0 30	25 35	2 10	22 39	0 39	15 20	2 30	10 23	0 31	5 0	1 6	2 16	16 22	18 3	18 19	24 55	17 37	5 48
T 28	2 45	23 24	1 35	7 11	0n11	13 35	0 26	25 34	2 10	22 39	0 39	15 20	2 30	10 24	0 31	5 1	1 6	2 15	16 22	18 3	18 20	24 53	17 36	5 49
W29	3 8	20 6	0 33	8 6	0 22	13 17	0 21	25 32	2 9	22 39	0 39	15 19	2 30	10 25	0 31	5 2	1 6	2 15	16 22	18 3	18 20	24 52	17 35	5 50
T 30	3 32	15 57	0s31	9 0	0 34	12 59	0 17	25 31	2 8	22 39	0 39	15 18	2 30	10 26	0 31	5 2	1 6	2 14	16 22	18 3	18 21	24 50	17 35	5 50
F 31	3n55	11n 4	1s35	9n53	0n46	12s41	0n12	25n29	2n 8	22s39	0n39	15s17	2n30	10n27	0s31	5n 3	1n 6	2s14	16s22	18s 3	18s22	24n49	17s34	5n51

Julian Day Number = 2488858.5, Delta T = 94.19 sec
Ecliptic obliquity = 23°25'40, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°10'04, Lahiri = 25°17'04

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ASTRODIENST EPHEMERIS for the year 2102
geocentric

APRIL 2102 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 35 53	10♈52'45	9♍20	25♈27	27♒ 4	4♋38	24♐15	19°R50	28♈35	19°R48	5♉10	8°R44	7♒31	13♋44	1♑30	S 1
S 2	12 39 50	11°52'00	22° 8	27°13	28°12	5° 7	24°17	19♏47	28°38	19♍46	5°12	8♒37	7°28	13°51	1°31	S 2
M 3	12 43 46	12°51'13	5♎16	28°56	29°20	5°37	24°18	19°43	28°42	19°45	5°13	8°29	7°25	13°58	1°32	M 3
T 4	12 47 43	13°50'24	18°42	0♉36	0♓29	6° 6	24°20	19°40	28°45	19°43	5°14	8°18	7°22	14° 4	1°33	T 4
W 5	12 51 39	14°49'33	2♏26	2°11	1°37	6°36	24°21	19°37	28°48	19°42	5°16	8° 7	7°18	14°11	1°33	W 5
T 6	12 55 36	15°48'40	16°22	3°42	2°46	7° 6	24°22	19°34	28°52	19°40	5°17	7°57	7°15	14°18	1°34	T 6
F 7	12 59 33	16°47'46	0♐27	5° 7	3°54	7°37	24°23	19°30	28°55	19°39	5°18	7°48	7°12	14°24	1°34	F 7
S 8	13 3 29	17°46'50	14°36	6°28	5° 3	8° 7	24°23	19°27	28°58	19°38	5°19	7°41	7° 9	14°31	1°34	S 8
S 9	13 7 26	18°45'51	28°47	7°43	6°12	8°37	24°24	19°23	29° 2	19°36	5°21	7°38	7° 6	14°38	1°35	S 9
M10	13 11 22	19°44'52	12♑56	8°52	7°21	9° 8	24°24	19°20	29° 5	19°35	5°22	7°36	7° 3	14°44	1°35	M10
T 11	13 15 19	20°43'50	27° 3	9°56	8°30	9°38	24°R24	19°16	29° 9	19°33	5°23	7°D36	6°59	14°51	1°R35	T 11
W12	13 19 15	21°42'47	11♒ 6	10°54	9°39	10° 9	24°24	19°13	29°12	19°32	5°25	7°R36	6°56	14°58	1°35	W12
T 13	13 23 12	22°41'42	25° 4	11°45	10°49	10°40	24°24	19° 9	29°15	19°31	5°26	7°35	6°53	15° 4	1°35	T 13
F 14	13 27 8	23°40'35	8♓57	12°31	11°58	11°11	24°23	19° 5	29°19	19°29	5°28	7°32	6°50	15°11	1°34	F 14
S 15	13 31 5	24°39'26	22°43	13°10	13° 7	11°42	24°22	19° 1	29°22	19°28	5°29	7°26	6°47	15°18	1°34	S 15
S 16	13 35 2	25°38'16	6♈20	13°42	14°17	12°13	24°22	18°57	29°26	19°27	5°30	7°17	6°43	15°24	1°34	S 16
M17	13 38 58	26°37'03	19°45	14° 9	15°26	12°45	24°20	18°53	29°29	19°25	5°32	7° 6	6°40	15°31	1°33	M17
T 18	13 42 55	27°35'49	2♉56	14°28	16°36	13°16	24°19	18°49	29°33	19°24	5°33	6°53	6°37	15°38	1°32	T 18
W19	13 46 51	28°34'33	15°51	14°42	17°46	13°47	24°18	18°45	29°36	19°23	5°34	6°40	6°34	15°44	1°32	W19
T 20	13 50 48	29°33'15	28°30	14°49	18°56	14°19	24°16	18°41	29°39	19°22	5°36	6°28	6°31	15°51	1°31	T 20
F 21	13 54 44	0♉31'55	10♊53	14°R50	20° 6	14°51	24°14	18°37	29°43	19°21	5°37	6°18	6°28	15°58	1°30	F 21
S 22	13 58 41	1°30'32	23° 1	14°46	21°15	15°23	24°12	18°33	29°46	19°19	5°38	6°11	6°24	16° 4	1°29	S 22
S 23	14 2 37	2°29'08	4♋58	14°35	22°25	15°55	24°10	18°28	29°50	19°18	5°40	6° 6	6°21	16°11	1°28	S 23
M24	14 6 34	3°27'41	16°48	14°20	23°35	16°27	24° 8	18°24	29°53	19°17	5°41	6° 3	6°18	16°17	1°27	M24
T 25	14 10 31	4°26'12	28°36	13°59	24°46	16°59	24° 5	18°20	29°57	19°16	5°43	6° 3	6°15	16°24	1°26	T 25
W26	14 14 27	5°24'41	10♌28	13°34	25°56	17°31	24° 3	18°16	0♉ 0	19°15	5°44	6° 3	6°12	16°31	1°24	W26
T 27	14 18 24	6°23'08	22°28	13° 5	27° 6	18° 3	24° 0	18°11	0° 4	19°14	5°45	6° 2	6° 8	16°37	1°23	T 27
F 28	14 22 20	7°21'33	4♍42	12°32	28°16	18°36	23°57	18° 7	0° 7	19°13	5°47	6° 0	6° 5	16°44	1°21	F 28
S 29	14 26 17	8°19'56	17°15	11°57	29°27	19° 8	23°53	18° 2	0°10	19°12	5°48	5°56	6° 2	16°51	1°20	S 29
S 30	14 30 13	9♉18'16	0♎11	11♉20	0♈37	19♋40	23♐50	17♏58	0♉14	19♍11	5♉49	5♒49	5♒59	16♋57	1♑18	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n18	5n40	2s35	10n44	0n58	12s22	0n 8	25n28	2n 7	22s39	0n39	15s16	2n31	10n29	0s31	5n 3	1n 6	2s13	16s22	18s 4	18s23	24n47	17s33	5n52
S 2	4 41	0s 5	3 30	11 34	1 10	12 3	0 3	25 26	2 6	22 39	0 39	15 15	2 31	10 30	0 31	5 4	1 6	2 12	16 21	18 6	18 24	24 46	17 33	5 52
M 3	5 4	5 58	4 14	12 22	1 22	11 43	0s 1	25 24	2 6	22 39	0 39	15 14	2 31	10 31	0 31	5 5	1 6	2 12	16 21	18 8	18 25	24 44	17 32	5 53
T 4	5 27	11 43	4 45	13 8	1 33	11 23	0 5	25 22	2 5	22 39	0 39	15 13	2 31	10 32	0 31	5 5	1 6	2 11	16 21	18 11	18 25	24 43	17 31	5 54
W 5	5 50	17 1	5 1	13 51	1 44	11 2	0 9	25 20	2 4	22 39	0 39	15 12	2 31	10 33	0 31	5 6	1 6	2 11	16 21	18 14	18 26	24 41	17 31	5 55
T 6	6 13	21 30	4 59	14 33	1 55	10 42	0 14	25 18	2 4	22 40	0 39	15 11	2 31	10 35	0 31	5 6	1 6	2 10	16 21	18 16	18 27	24 40	17 30	5 55
F 7	6 36	24 47	4 40	15 11	2 5	10 21	0 18	25 15	2 3	22 40	0 39	15 10	2 31	10 36	0 31	5 7	1 6	2 10	16 21	18 19	18 28	24 38	17 29	5 56
S 8	6 58	26 33	4 3	15 47	2 15	9 59	0 22	25 13	2 2	22 40	0 39	15 9	2 31	10 37	0 31	5 7	1 6	2 9	16 21	18 20	18 29	24 37	17 29	5 57
S 9	7 21	26 36	3 11	16 20	2 24	9 38	0 25	25 10	2 2	22 40	0 39	15 8	2 32	10 38	0 31	5 8	1 6	2 9	16 20	18 21	18 29	24 35	17 28	5 57
M10	7 43	24 54	2 7	16 51	2 32	9 16	0 29	25 7	2 1	22 40	0 39	15 7	2 32	10 39	0 31	5 9	1 6	2 8	16 20	18 22	18 30	24 34	17 27	5 58
T 11	8 5	21 39	0 56	17 18	2 39	8 53	0 33	25 5	2 0	22 40	0 39	15 6	2 32	10 41	0 31	5 9	1 6	2 8	16 20	18 22	18 31	24 32	17 27	5 59
W12	8 28	17 8	0n19	17 42	2 46	8 31	0 37	25 2	2 0	22 40	0 39	15 5	2 32	10 42	0 31	5 10	1 6	2 7	16 20	18 22	18 32	24 30	17 26	5 59
T 13	8 49	11 44	1 31	18 4	2 51	8 8	0 40	24 58	1 59	22 40	0 39	15 4	2 32	10 43	0 31	5 10	1 6	2 7	16 20	18 22	18 33	24 29	17 25	6 0
F 14	9 11	5 46	2 38	18 22	2 55	7 45	0 44	24 55	1 58	22 39	0 39	15 3	2 32	10 44	0 31	5 11	1 6	2 6	16 20	18 23	18 33	24 27	17 25	6 1
S 15	9 33	0n24	3 35	18 37	2 59	7 21	0 47	24 52	1 58	22 39	0 39	15 2	2 32	10 46	0 31	5 11	1 6	2 6	16 20	18 24	18 34	24 26	17 24	6 1
S 16	9 54	6 28	4 18	18 49	3 1	6 58	0 50	24 48	1 57	22 39	0 39	15 0	2 32	10 47	0 31	5 12	1 6	2 5	16 20	18 26	18 35	24 24	17 23	6 2
M17	10 16	12 9	4 47	18 58	3 1	6 34	0 54	24 45	1 56	22 39	0 39	14 59	2 32	10 48	0 31	5 12	1 6	2 5	16 20	18 29	18 36	24 22	17 23	6 3
T 18	10 37	17 10	5 0	19 3	3 1	6 10	0 57	24 41	1 56	22 39	0 39	14 58	2 32	10 49	0 31	5 13	1 6	2 4	16 20	18 33	18 37	24 21	17 22	6 3
W19	10 58	21 18	4 57	19 6	2 59	5 45	1 0	24 37	1 55	22 39	0 39	14 57	2 33	10 50	0 31	5 13	1 6	2 4	16 20	18 36	18 37	24 19	17 21	6 4
T 20	11 19	24 21	4 39	19 5	2 56	5 21	1 3	24 33	1 54	22 39	0 39	14 56	2 33	10 52	0 31	5 13	1 6	2 3	16 20	18 39	18 38	24 18	17 21	6 5
F 21	11 39	26 10	4 8	19 1	2 52	4 56	1 6	24 29	1 54	22 39	0 39	14 55	2 33	10 53	0 31	5 14	1 6	2 3	16 19	18 41	18 39	24 16	17 20	6 5
S 22	12 0	26 41	3 27	18 54	2 46	4 31	1 9	24 25	1 53	22 39	0 39	14 53	2 33	10 54	0 31	5 14	1 6	2 2	16 19	18 43	18 40	24 14	17 19	6 6
S 23	12 20	25 57	2 37	18 44	2 38	4 6	1 11	24 20	1 52	22 39	0 39	14 52	2 33	10 55	0 31	5 15	1 6	2 2	16 19	18 44	18 41	24 13	17 19	6 6
M24	12 40	24 2	1 40	18 31	2 30	3 41	1 14	24 16	1 52	22 39	0 39	14 51	2 33	10 56	0 31	5 15	1 6	2 1	16 19	18 45	18 41	24 11	17 18	6 7
T 25	13 0	21 4	0 39	18 15	2 20	3 15	1 17	24 11	1 51	22 39	0 39	14 50	2 33	10 58	0 31	5 16	1 6	2 1	16 19	18 45	18 42	24 10	17 17	6 8
W26	13 19	17 14	0s23	17 57	2 8	2 50	1 19	24 6	1 51	22 39	0 39	14 49	2 33	10 59	0 31	5 16	1 6	2 0	16 19	18 45	18 43	24 8	17 17	6 8
T 27	13 39	12 40	1 26	17 36	1 56	2 24	1 22	24 2	1 50	22 38	0 39	14 47	2 33	11 0	0 31	5 16	1 6	2 0	16 19	18 45	18 44	24 6	17 16	6 9
F 28	13 58	7 31	2 26	17 13	1 42	1 58	1 24	23 56	1 49	22 38	0 39	14 46	2 33	11 1	0 31	5 17	1 6	2 0	16 19	18 46	18 44	24 5	17 16	6 10
S 29	14 17	1 58	3 20	16 48	1 28	1 32	1 26	23 51	1 49	22 38	0 39	14 45	2 33	11 3	0 31	5 17	1 6	1 59	16 19	18 47	18 45	24 3	17 15	6 10
S 30	14n35	3s49	4s 5	16n22	1n12	1s 6	1s28	23n46	1n48	22s38	0n39	14s44	2n33	11n 4	0s31	5n17	1n 6	1s59	16s19	18s48	18s46	24n 1	17s14	6n11

Julian Day Number = 2488889.5, Delta T = 94.23 sec
Ecliptic obliquity = 23°25'40, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°10'08, Lahiri = 25°17'08

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ASTRODIENST EPHEMERIS for the year 2102
geocentric

MAY 2102 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 34 10	10♉16'35	13♎31	10°R41	1♈47	20♋13	23°R46	17°R54	0♉17	19°R10	5♉51	5°R40	5♒56	17♋ 4	1°R16	M 1
T 2	14 38 6	11°14'51	27°15	10♉ 2	2°58	20°46	23♐43	17♏49	0°21	19♍ 9	5°52	5♒29	5°53	17°11	1♑15	T 2
W 3	14 42 3	12°13'06	11♏20	9°22	4° 8	21°19	23°39	17°45	0°24	19° 8	5°54	5°17	5°49	17°17	1°13	W 3
T 4	14 46 0	13°11'19	25°42	8°44	5°19	21°51	23°35	17°40	0°27	19° 8	5°55	5° 5	5°46	17°24	1°11	T 4
F 5	14 49 56	14° 9'31	10♐13	8° 6	6°30	22°24	23°30	17°36	0°31	19° 7	5°56	4°56	5°43	17°31	1° 9	F 5
S 6	14 53 53	15° 7'41	24°48	7°31	7°40	22°57	23°26	17°31	0°34	19° 6	5°58	4°49	5°40	17°37	1° 6	S 6
S 7	14 57 49	16° 5'50	9♑19	6°59	8°51	23°30	23°21	17°27	0°37	19° 5	5°59	4°44	5°37	17°44	1° 4	S 7
M 8	15 1 46	17° 3'57	23°43	6°29	10° 2	24° 3	23°17	17°22	0°41	19° 5	6° 0	4°43	5°34	17°51	1° 2	M 8
T 9	15 5 42	18° 2'02	7♒57	6° 4	11°13	24°37	23°12	17°18	0°44	19° 4	6° 2	4°D42	5°30	17°57	1° 0	T 9
W10	15 9 39	19° 0'06	21°58	5°41	12°24	25°10	23° 7	17°13	0°47	19° 3	6° 3	4°R42	5°27	18° 4	0°57	W10
T 11	15 13 35	19°58'09	5♓47	5°24	13°35	25°43	23° 2	17° 9	0°51	19° 3	6° 4	4°42	5°24	18°11	0°55	T 11
F 12	15 17 32	20°56'11	19°24	5°10	14°46	26°17	22°56	17° 4	0°54	19° 2	6° 6	4°39	5°21	18°17	0°52	F 12
S 13	15 21 29	21°54'11	2♈49	5° 1	15°57	26°50	22°51	16°59	0°57	19° 1	6° 7	4°33	5°18	18°24	0°49	S 13
S 14	15 25 25	22°52'09	16° 3	4°D56	17° 8	27°24	22°45	16°55	1° 1	19° 1	6° 8	4°25	5°14	18°31	0°47	S 14
M15	15 29 22	23°50'07	29° 5	4°57	18°19	27°57	22°39	16°51	1° 4	19° 0	6°10	4°15	5°11	18°37	0°44	M15
T 16	15 33 18	24°48'03	11♉55	5° 1	19°30	28°31	22°34	16°46	1° 7	19° 0	6°11	4° 3	5° 8	18°44	0°41	T 16
W17	15 37 15	25°45'58	24°33	5°11	20°41	29° 5	22°28	16°42	1°10	18°59	6°12	3°51	5° 5	18°50	0°38	W17
T 18	15 41 11	26°43'51	6♊57	5°25	21°52	29°38	22°21	16°37	1°13	18°59	6°14	3°40	5° 2	18°57	0°35	T 18
F 19	15 45 8	27°41'43	19°10	5°43	23° 4	0♌12	22°15	16°33	1°17	18°59	6°15	3°30	4°59	19° 4	0°32	F 19
S 20	15 49 4	28°39'33	1♋12	6° 6	24°15	0°46	22° 9	16°28	1°20	18°58	6°16	3°23	4°55	19°10	0°29	S 20
S 21	15 53 1	29°37'21	13° 5	6°33	25°26	1°20	22° 2	16°24	1°23	18°58	6°18	3°19	4°52	19°17	0°26	S 21
M22	15 56 58	0♊35'08	24°53	7° 4	26°37	1°54	21°56	16°20	1°26	18°58	6°19	3°17	4°49	19°24	0°22	M22
T 23	16 0 54	1°32'54	6♌40	7°40	27°49	2°28	21°49	16°15	1°29	18°57	6°20	3°D17	4°46	19°30	0°19	T 23
W24	16 4 51	2°30'38	18°31	8°19	29° 0	3° 3	21°42	16°11	1°32	18°57	6°21	3°17	4°43	19°37	0°16	W24
T 25	16 8 47	3°28'20	0♍30	9° 2	0♉12	3°37	21°36	16° 7	1°35	18°57	6°23	3°R18	4°40	19°44	0°12	T 25
F 26	16 12 44	4°26'01	12°44	9°48	1°23	4°11	21°29	16° 3	1°38	18°57	6°24	3°17	4°36	19°50	0° 9	F 26
S 27	16 16 40	5°23'40	25°16	10°38	2°35	4°45	21°22	15°59	1°41	18°57	6°25	3°15	4°33	19°57	0° 6	S 27
S 28	16 20 37	6°21'17	8♎13	11°32	3°46	5°20	21°15	15°55	1°44	18°56	6°26	3°11	4°30	20° 4	0° 2	S 28
M29	16 24 33	7°18'53	21°36	12°29	4°58	5°54	21° 7	15°50	1°47	18°56	6°28	3° 5	4°27	20°10	29♐58	M29
T 30	16 28 30	8°16'28	5♏26	13°29	6° 9	6°29	21° 0	15°46	1°50	18°56	6°29	2°58	4°24	20°17	29°55	T 30
W31	16 32 27	9♊14'01	19♏42	14♉33	7♉21	7♌ 3	20♐53	15♏43	1♉53	18°D56	6♉30	2♒49	4♒20	20♋24	29♐51	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n54	9s37	4s39	15n54	0n56	0s40	1s30	23n41	1n47	22s38	0n39	14s42	2n33	11n 5	0s31	5n18	1n 6	1s58	16s19	18s51	18s47	24n 0	17s14	6n11
T 2	15 12	15 7	4 58	15 26	0 39	0 14	1 32	23 35	1 47	22 38	0 39	14 41	2 33	11 6	0 31	5 18	1 6	1 58	16 19	18 53	18 48	23 58	17 13	6 12
W 3	15 30	19 57	4 59	14 57	0 22	0n12	1 34	23 29	1 46	22 38	0 39	14 40	2 33	11 7	0 31	5 18	1 6	1 57	16 19	18 56	18 48	23 56	17 13	6 13
T 4	15 47	23 44	4 42	14 29	0 5	0 39	1 36	23 23	1 46	22 37	0 39	14 39	2 33	11 8	0 31	5 19	1 6	1 57	16 19	18 59	18 49	23 54	17 12	6 13
F 5	16 5	26 2	4 6	14 0	0s13	1 5	1 37	23 17	1 45	22 37	0 39	14 37	2 33	11 10	0 31	5 19	1 6	1 57	16 19	19 1	18 50	23 53	17 12	6 14
S 6	16 22	26 34	3 14	13 33	0 30	1 32	1 39	23 11	1 44	22 37	0 39	14 36	2 33	11 11	0 31	5 19	1 6	1 56	16 19	19 3	18 51	23 51	17 11	6 14
S 7	16 39	25 16	2 10	13 6	0 47	1 58	1 40	23 5	1 44	22 37	0 39	14 35	2 33	11 12	0 31	5 20	1 6	1 56	16 19	19 4	18 52	23 49	17 10	6 15
M 8	16 55	22 18	0 58	12 41	1 3	2 25	1 42	22 59	1 43	22 37	0 39	14 34	2 33	11 13	0 31	5 20	1 6	1 56	16 19	19 5	18 52	23 48	17 10	6 15
T 9	17 12	18 0	0n17	12 17	1 19	2 51	1 43	22 52	1 42	22 36	0 39	14 32	2 33	11 14	0 31	5 20	1 6	1 55	16 20	19 5	18 53	23 46	17 9	6 16
W10	17 28	12 45	1 30	11 56	1 34	3 18	1 44	22 46	1 42	22 36	0 39	14 31	2 33	11 15	0 31	5 20	1 6	1 55	16 20	19 5	18 54	23 44	17 9	6 17
T 11	17 43	6 57	2 37	11 36	1 49	3 44	1 45	22 39	1 41	22 36	0 39	14 30	2 33	11 17	0 31	5 21	1 6	1 54	16 20	19 5	18 55	23 42	17 8	6 17
F 12	17 59	0 55	3 33	11 19	2 2	4 11	1 46	22 32	1 41	22 36	0 39	14 29	2 33	11 18	0 31	5 21	1 6	1 54	16 20	19 6	18 55	23 41	17 8	6 18
S 13	18 14	5n 3	4 17	11 4	2 15	4 37	1 47	22 25	1 40	22 36	0 39	14 28	2 33	11 19	0 31	5 21	1 6	1 54	16 20	19 7	18 56	23 39	17 7	6 18
S 14	18 29	10 43	4 47	10 51	2 27	5 3	1 48	22 18	1 39	22 35	0 39	14 26	2 33	11 20	0 31	5 21	1 6	1 53	16 20	19 9	18 57	23 37	17 7	6 19
M15	18 43	15 50	5 1	10 41	2 38	5 30	1 49	22 11	1 39	22 35	0 38	14 25	2 33	11 21	0 31	5 21	1 6	1 53	16 20	19 11	18 58	23 35	17 6	6 19
T 16	18 58	20 9	4 59	10 34	2 47	5 56	1 50	22 3	1 38	22 35	0 38	14 24	2 32	11 22	0 31	5 22	1 6	1 53	16 20	19 14	18 58	23 34	17 6	6 20
W17	19 11	23 28	4 43	10 28	2 56	6 22	1 50	21 56	1 38	22 34	0 38	14 23	2 32	11 23	0 31	5 22	1 6	1 52	16 20	19 17	18 59	23 32	17 5	6 20
T 18	19 25	25 37	4 13	10 26	3 4	6 48	1 51	21 48	1 37	22 34	0 38	14 22	2 32	11 24	0 31	5 22	1 6	1 52	16 20	19 19	19 0	23 30	17 5	6 21
F 19	19 38	26 31	3 32	10 25	3 11	7 14	1 51	21 40	1 37	22 34	0 38	14 21	2 32	11 26	0 31	5 22	1 6	1 52	16 20	19 22	19 1	23 28	17 4	6 21
S 20	19 51	26 8	2 42	10 27	3 17	7 40	1 51	21 32	1 36	22 34	0 38	14 19	2 32	11 27	0 31	5 22	1 6	1 52	16 20	19 23	19 2	23 27	17 4	6 22
S 21	20 4	24 32	1 46	10 31	3 22	8 6	1 52	21 24	1 35	22 33	0 38	14 18	2 32	11 28	0 31	5 22	1 6	1 51	16 21	19 24	19 2	23 25	17 4	6 22
M22	20 16	21 52	0 45	10 37	3 26	8 32	1 52	21 16	1 35	22 33	0 38	14 17	2 32	11 29	0 31	5 22	1 6	1 51	16 21	19 25	19 3	23 23	17 3	6 23
T 23	20 28	18 18	0s18	10 46	3 29	8 57	1 52	21 8	1 34	22 33	0 38	14 16	2 32	11 30	0 31	5 22	1 6	1 51	16 21	19 25	19 4	23 21	17 3	6 23
W24	20 39	13 59	1 21	10 56	3 31	9 22	1 52	20 59	1 34	22 32	0 38	14 15	2 32	11 31	0 31	5 22	1 6	1 50	16 21	19 25	19 5	23 19	17 2	6 23
T 25	20 50	9 6	2 21	11 8	3 33	9 47	1 52	20 51	1 33	22 32	0 38	14 14	2 32	11 32	0 31	5 23	1 5	1 50	16 21	19 25	19 5	23 18	17 2	6 24
F 26	21 1	3 46	3 15	11 22	3 33	10 12	1 52	20 42	1 32	22 32	0 38	14 13	2 32	11 33	0 31	5 23	1 5	1 50	16 21	19 25	19 6	23 16	17 1	6 24
S 27	21 11	1s49	4 2	11 38	3 33	10 37	1 51	20 33	1 32	22 31	0 38	14 12	2 31	11 34	0 31	5 23	1 5	1 50	16 21	19 25	19 7	23 14	17 1	6 25
S 28	21 22	7 31	4 38	11 55	3 32	11 2	1 51	20 24	1 31	22 31	0 38	14 11	2 31	11 35	0 31	5 23	1 5	1 49	16 21	19 26	19 8	23 12	17 1	6 25
M29	21 31	13 3	5 0	12 14	3 30	11 26	1 51	20 15	1 31	22 30	0 38	14 10	2 31	11 36	0 31	5 23	1 5	1 49	16 22	19 27	19 8	23 10	17 0	6 25
T 30	21 40	18 8	5 6	12 34	3 28	11 50	1 50	20 6	1 30	22 30	0 37	14 9	2 31	11 37	0 31	5 23	1 5	1 49	16 22	19 29	19 9	23 8	17 0	6 26
W31	21n49	22s21	4s53	12n56	3s25	12n14	1s50	19n57	1n29	22s30	0n37	14s 8	2n31	11n38	0s31	5n23	1n 5	1s49	16s22	19s31	19s10	23n 7	17s 0	6n26

Julian Day Number = 2488919.5, Delta T = 94.27 sec
Ecliptic obliquity = 23°25'39, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°10'12, Lahiri = 25°17'12

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2102
geocentric

JUNE 2102 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 23	10♊11'34	4♐19	15♉39	8♉32	7♌38	20°R46	15°R39	1♉56	18♍56	6♉31	2°R41	4♒17	20♋30	29°R48	T 1
F 2	16 40 20	11° 9'05	19°11	16°49	9°44	8°12	20♐38	15♏35	1°59	18°56	6°32	2♒34	4°14	20°37	29♐44	F 2
S 3	16 44 16	12° 6'35	4♑ 8	18° 1	10°56	8°47	20°31	15°31	2° 2	18°56	6°34	2°29	4°11	20°44	29°40	S 3
S 4	16 48 13	13° 4'04	19° 2	19°17	12° 7	9°22	20°23	15°27	2° 4	18°57	6°35	2°27	4° 8	20°50	29°36	S 4
M 5	16 52 9	14° 1'33	3♒46	20°35	13°19	9°57	20°16	15°24	2° 7	18°57	6°36	2°D26	4° 5	20°57	29°32	M 5
T 6	16 56 6	14°59'00	18°15	21°56	14°31	10°31	20° 8	15°20	2°10	18°57	6°37	2°27	4° 1	21° 4	29°29	T 6
W 7	17 0 2	15°56'27	2♓26	23°20	15°43	11° 6	20° 1	15°16	2°13	18°57	6°38	2°28	3°58	21°10	29°25	W 7
T 8	17 3 59	16°53'53	16°17	24°47	16°55	11°41	19°53	15°13	2°15	18°57	6°39	2°R29	3°55	21°17	29°21	T 8
F 9	17 7 56	17°51'19	29°49	26°17	18° 7	12°16	19°45	15° 9	2°18	18°58	6°40	2°28	3°52	21°23	29°17	F 9
S 10	17 11 52	18°48'44	13♈ 4	27°49	19°18	12°51	19°38	15° 6	2°21	18°58	6°41	2°25	3°49	21°30	29°13	S 10
S 11	17 15 49	19°46'08	26° 3	29°24	20°30	13°26	19°30	15° 3	2°23	18°58	6°42	2°21	3°46	21°37	29° 9	S 11
M12	17 19 45	20°43'32	8♉48	1♊ 1	21°42	14° 1	19°22	14°59	2°26	18°59	6°43	2°15	3°42	21°43	29° 5	M12
T 13	17 23 42	21°40'55	21°19	2°42	22°54	14°37	19°15	14°56	2°28	18°59	6°45	2° 8	3°39	21°50	29° 1	T 13
W14	17 27 38	22°38'18	3♊40	4°25	24° 6	15°12	19° 7	14°53	2°31	19° 0	6°46	2° 1	3°36	21°57	28°57	W14
T 15	17 31 35	23°35'40	15°50	6°10	25°18	15°47	18°59	14°50	2°33	19° 0	6°47	1°55	3°33	22° 3	28°53	T 15
F 16	17 35 32	24°33'01	27°52	7°59	26°30	16°22	18°52	14°47	2°36	19° 1	6°48	1°49	3°30	22°10	28°49	F 16
S 17	17 39 28	25°30'22	9♋46	9°49	27°43	16°58	18°44	14°44	2°38	19° 1	6°49	1°45	3°26	22°17	28°45	S 17
S 18	17 43 25	26°27'42	21°35	11°43	28°55	17°33	18°37	14°41	2°40	19° 2	6°49	1°43	3°23	22°23	28°41	S 18
M19	17 47 21	27°25'01	3♌22	13°38	0♊ 7	18° 9	18°29	14°39	2°43	19° 2	6°50	1°D42	3°20	22°30	28°37	M19
T 20	17 51 18	28°22'19	15° 9	15°36	1°19	18°44	18°22	14°36	2°45	19° 3	6°51	1°43	3°17	22°37	28°33	T 20
W21	17 55 14	29°19'37	27° 0	17°37	2°31	19°20	18°14	14°34	2°47	19° 4	6°52	1°45	3°14	22°43	28°28	W21
T 22	17 59 11	0♋16'54	9♍ 0	19°39	3°43	19°55	18° 7	14°31	2°49	19° 4	6°53	1°46	3°11	22°50	28°24	T 22
F 23	18 3 7	1°14'10	21°13	21°43	4°56	20°31	18° 0	14°29	2°52	19° 5	6°54	1°48	3° 7	22°57	28°20	F 23
S 24	18 7 4	2°11'26	3♎44	23°49	6° 8	21° 6	17°52	14°26	2°54	19° 6	6°55	1°R48	3° 4	23° 3	28°16	S 24
S 25	18 11 1	3° 8'40	16°37	25°57	7°20	21°42	17°45	14°24	2°56	19° 7	6°56	1°47	3° 1	23°10	28°12	S 25
M26	18 14 57	4° 5'54	29°56	28° 6	8°32	22°18	17°38	14°22	2°58	19° 7	6°57	1°45	2°58	23°16	28° 8	M26
T 27	18 18 54	5° 3'08	13♏43	0♋16	9°45	22°54	17°31	14°20	3° 0	19° 8	6°57	1°43	2°55	23°23	28° 4	T 27
W28	18 22 50	6° 0'21	27°57	2°26	10°57	23°30	17°24	14°18	3° 2	19° 9	6°58	1°39	2°52	23°30	28° 0	W28
T 29	18 26 47	6°57'33	12♐36	4°37	12° 9	24° 5	17°17	14°16	3° 4	19°10	6°59	1°36	2°48	23°36	27°56	T 29
F 30	18 30 43	7♋54'46	27♐34	6♋48	13♊22	24♌41	17♐11	14♏14	3♉ 6	19♍11	7♉ 0	1♒33	2♒45	23♋43	27♐52	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n58	25s16	4s21	13n19	3s21	12n37	1s49	19n47	1n29	22s29	0n37	14s 7	2n31	11n39	0s31	5n23	1n 5	1s49	16s22	19s33	19s11	23n 5	16s59	6n26
F 2	22 6	26 30	3 31	13 43	3 16	13 1	1 48	19 38	1 28	22 29	0 37	14 6	2 31	11 40	0 31	5 23	1 5	1 48	16 22	19 35	19 11	23 3	16 59	6 27
S 3	22 14	25 48	2 26	14 8	3 11	13 24	1 47	19 28	1 28	22 28	0 37	14 5	2 30	11 41	0 31	5 22	1 5	1 48	16 22	19 36	19 12	23 1	16 58	6 27
S 4	22 21	23 16	1 12	14 34	3 5	13 47	1 46	19 18	1 27	22 28	0 37	14 4	2 30	11 42	0 31	5 22	1 5	1 48	16 23	19 36	19 13	22 59	16 58	6 27
M 5	22 28	19 11	0n 7	15 1	2 59	14 9	1 46	19 8	1 27	22 27	0 37	14 3	2 30	11 43	0 31	5 22	1 5	1 48	16 23	19 36	19 14	22 57	16 58	6 28
T 6	22 35	14 1	1 24	15 28	2 52	14 31	1 44	18 58	1 26	22 27	0 37	14 2	2 30	11 44	0 31	5 22	1 5	1 48	16 23	19 36	19 14	22 55	16 58	6 28
W 7	22 41	8 12	2 35	15 56	2 45	14 53	1 43	18 48	1 25	22 27	0 37	14 1	2 30	11 45	0 31	5 22	1 5	1 47	16 23	19 36	19 15	22 53	16 57	6 28
T 8	22 47	2 7	3 35	16 25	2 37	15 15	1 42	18 38	1 25	22 26	0 36	14 0	2 30	11 46	0 31	5 22	1 5	1 47	16 23	19 36	19 16	22 52	16 57	6 29
F 9	22 52	3n55	4 21	16 54	2 28	15 36	1 41	18 28	1 24	22 26	0 36	13 59	2 29	11 47	0 31	5 22	1 5	1 47	16 24	19 36	19 17	22 50	16 57	6 29
S 10	22 57	9 38	4 52	17 24	2 20	15 57	1 40	18 17	1 24	22 25	0 36	13 59	2 29	11 47	0 31	5 22	1 5	1 47	16 24	19 37	19 17	22 48	16 56	6 29
S 11	23 2	14 50	5 8	17 53	2 10	16 17	1 38	18 7	1 23	22 25	0 36	13 58	2 29	11 48	0 31	5 22	1 5	1 47	16 24	19 38	19 18	22 46	16 56	6 29
M12	23 6	19 16	5 7	18 23	2 1	16 37	1 37	17 56	1 23	22 24	0 36	13 57	2 29	11 49	0 31	5 21	1 5	1 47	16 24	19 39	19 19	22 44	16 56	6 30
T 13	23 10	22 47	4 52	18 53	1 51	16 57	1 36	17 45	1 22	22 24	0 36	13 56	2 29	11 50	0 31	5 21	1 5	1 47	16 24	19 40	19 20	22 42	16 56	6 30
W14	23 13	25 12	4 24	19 22	1 40	17 16	1 34	17 34	1 21	22 23	0 36	13 56	2 28	11 51	0 31	5 21	1 5	1 47	16 25	19 42	19 20	22 40	16 55	6 30
T 15	23 16	26 23	3 44	19 51	1 30	17 35	1 32	17 23	1 21	22 23	0 36	13 55	2 28	11 52	0 31	5 21	1 5	1 46	16 25	19 43	19 21	22 38	16 55	6 30
F 16	23 19	26 19	2 54	20 20	1 19	17 54	1 31	17 12	1 20	22 22	0 35	13 54	2 28	11 53	0 31	5 21	1 5	1 46	16 25	19 45	19 22	22 36	16 55	6 30
S 17	23 21	25 1	1 57	20 48	1 8	18 12	1 29	17 1	1 20	22 22	0 35	13 54	2 28	11 53	0 31	5 20	1 5	1 46	16 25	19 46	19 23	22 34	16 55	6 30
S 18	23 23	22 36	0 55	21 15	0 57	18 29	1 27	16 49	1 19	22 21	0 35	13 53	2 28	11 54	0 31	5 20	1 5	1 46	16 26	19 46	19 23	22 32	16 55	6 31
M19	23 24	19 15	0s 9	21 41	0 45	18 46	1 26	16 38	1 19	22 21	0 35	13 52	2 27	11 55	0 31	5 20	1 5	1 46	16 26	19 46	19 24	22 30	16 54	6 31
T 20	23 25	15 7	1 13	22 5	0 34	19 3	1 24	16 26	1 18	22 20	0 35	13 52	2 27	11 56	0 31	5 19	1 5	1 46	16 26	19 46	19 25	22 28	16 54	6 31
W21	23 26	10 24	2 14	22 29	0 23	19 19	1 22	16 15	1 18	22 20	0 35	13 51	2 27	11 56	0 31	5 19	1 5	1 46	16 26	19 46	19 25	22 27	16 54	6 31
T 22	23 26	5 15	3 10	22 50	0 11	19 35	1 20	16 3	1 17	22 19	0 35	13 51	2 27	11 57	0 31	5 19	1 5	1 46	16 27	19 45	19 26	22 25	16 54	6 31
F 23	23 25	0s11	3 59	23 10	0 0	19 50	1 18	15 51	1 16	22 19	0 34	13 50	2 27	11 58	0 31	5 19	1 5	1 46	16 27	19 45	19 27	22 23	16 54	6 31
S 24	23 25	5 44	4 37	23 28	0n11	20 5	1 16	15 39	1 16	22 18	0 34	13 50	2 26	11 59	0 31	5 18	1 5	1 46	16 27	19 45	19 28	22 21	16 54	6 31
S 25	23 23	11 12	5 3	23 43	0 21	20 19	1 14	15 27	1 15	22 18	0 34	13 49	2 26	11 59	0 32	5 18	1 5	1 46	16 27	19 45	19 28	22 19	16 54	6 31
M26	23 22	16 20	5 14	23 56	0 32	20 32	1 12	15 15	1 15	22 17	0 34	13 49	2 26	12 0	0 32	5 18	1 5	1 46	16 28	19 46	19 29	22 17	16 53	6 31
T 27	23 20	20 50	5 7	24 7	0 41	20 45	1 9	15 3	1 14	22 17	0 34	13 49	2 26	12 1	0 32	5 17	1 5	1 46	16 28	19 46	19 30	22 15	16 53	6 31
W28	23 17	24 16	4 42	24 15	0 51	20 58	1 7	14 50	1 14	22 16	0 34	13 48	2 25	12 1	0 32	5 17	1 5	1 46	16 28	19 47	19 31	22 13	16 53	6 31
T 29	23 15	26 13	3 58	24 20	1 0	21 10	1 5	14 38	1 13	22 16	0 34	13 48	2 25	12 2	0 32	5 16	1 5	1 46	16 28	19 48	19 31	22 11	16 53	6 31
F 30	23n11	26s21	2s56	24n23	1n 8	21n21	1s 3	14n26	1n13	22s15	0n33	13s48	2n25	12n 3	0s32	5n16	1n 5	1s46	16s29	19s48	19s32	22n 9	16s53	6n31

Julian Day Number = 2488950.5, Delta T = 94.31 sec
Ecliptic obliquity = 23°25'38, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°10'16, Lahiri = 25°17'17

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ASTRODIENST EPHEMERIS for the year 2102
geocentric

JULY 2102 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 34 40	8♋51'57	12♉43	8♋59	14♊34	25♌17	17°R 4	14°R13	3♉ 8	19♍12	7♉ 1	1°R31	2♒42	23♋50	27°R48	S 1
S 2	18 38 36	9°49'09	27°53	11°10	15°47	25°53	16♐57	14♏11	3° 9	19°13	7° 1	1°D30	2°39	23°56	27♐44	S 2
M 3	18 42 33	10°46'21	12♒54	13°20	16°59	26°29	16°51	14°10	3°11	19°14	7° 2	1♒30	2°36	24° 3	27°41	M 3
T 4	18 46 30	11°43'32	27°41	15°30	18°12	27° 5	16°44	14° 8	3°13	19°15	7° 3	1°31	2°32	24°10	27°37	T 4
W 5	18 50 26	12°40'44	12♓ 6	17°38	19°24	27°41	16°38	14° 7	3°15	19°16	7° 3	1°33	2°29	24°16	27°33	W 5
T 6	18 54 23	13°37'56	26° 7	19°45	20°37	28°18	16°32	14° 6	3°16	19°17	7° 4	1°34	2°26	24°23	27°29	T 6
F 7	18 58 19	14°35'08	9♈44	21°50	21°50	28°54	16°26	14° 4	3°18	19°18	7° 5	1°R34	2°23	24°30	27°25	F 7
S 8	19 2 16	15°32'20	22°58	23°54	23° 2	29°30	16°20	14° 3	3°19	19°20	7° 5	1°34	2°20	24°36	27°22	S 8
S 9	19 6 12	16°29'33	5♉51	25°57	24°15	0♍ 6	16°14	14° 2	3°21	19°21	7° 6	1°33	2°17	24°43	27°18	S 9
M10	19 10 9	17°26'46	18°26	27°58	25°28	0°43	16° 9	14° 2	3°22	19°22	7° 6	1°32	2°13	24°50	27°14	M10
T 11	19 14 5	18°23'59	0♊46	29°57	26°40	1°19	16° 3	14° 1	3°24	19°23	7° 7	1°30	2°10	24°56	27°11	T 11
W12	19 18 2	19°21'13	12°54	1♌54	27°53	1°55	15°58	14° 0	3°25	19°25	7° 8	1°29	2° 7	25° 3	27° 7	W12
T 13	19 21 59	20°18'27	24°53	3°49	29° 6	2°32	15°53	14° 0	3°26	19°26	7° 8	1°27	2° 4	25° 9	27° 3	T 13
F 14	19 25 55	21°15'41	6♋46	5°42	0♋19	3° 8	15°48	13°59	3°28	19°27	7° 9	1°26	2° 1	25°16	27° 0	F 14
S 15	19 29 52	22°12'56	18°35	7°34	1°32	3°45	15°43	13°59	3°29	19°29	7° 9	1°25	1°58	25°23	26°57	S 15
S 16	19 33 48	23°10'11	0♌22	9°24	2°45	4°22	15°38	13°58	3°30	19°30	7°10	1°D25	1°54	25°29	26°53	S 16
M17	19 37 45	24° 7'26	12° 9	11°11	3°58	4°58	15°33	13°58	3°31	19°31	7°10	1°25	1°51	25°36	26°50	M17
T 18	19 41 41	25° 4'41	24° 0	12°57	5°11	5°35	15°29	13°D58	3°32	19°33	7°10	1°25	1°48	25°43	26°46	T 18
W19	19 45 38	26° 1'56	5♍56	14°41	6°23	6°12	15°25	13°58	3°34	19°34	7°11	1°26	1°45	25°49	26°43	W19
T 20	19 49 34	26°59'12	18° 1	16°23	7°36	6°48	15°20	13°58	3°35	19°36	7°11	1°26	1°42	25°56	26°40	T 20
F 21	19 53 31	27°56'28	0♎18	18° 3	8°50	7°25	15°16	13°59	3°35	19°37	7°12	1°27	1°38	26° 3	26°37	F 21
S 22	19 57 28	28°53'44	12°50	19°42	10° 3	8° 2	15°13	13°59	3°36	19°39	7°12	1°27	1°35	26° 9	26°34	S 22
S 23	20 1 24	29°51'00	25°42	21°18	11°16	8°39	15° 9	13°59	3°37	19°40	7°12	1°R27	1°32	26°16	26°31	S 23
M24	20 5 21	0♌48'17	8♏56	22°52	12°29	9°16	15° 6	14° 0	3°38	19°42	7°13	1°27	1°29	26°23	26°28	M24
T 25	20 9 17	1°45'33	22°34	24°25	13°42	9°53	15° 2	14° 0	3°39	19°44	7°13	1°D27	1°26	26°29	26°25	T 25
W26	20 13 14	2°42'51	6♐38	25°56	14°55	10°30	14°59	14° 1	3°40	19°45	7°13	1°27	1°23	26°36	26°22	W26
T 27	20 17 10	3°40'08	21° 7	27°24	16° 8	11° 7	14°56	14° 2	3°40	19°47	7°13	1°27	1°19	26°43	26°19	T 27
F 28	20 21 7	4°37'26	5♑57	28°51	17°22	11°44	14°53	14° 3	3°41	19°48	7°14	1°28	1°16	26°49	26°17	F 28
S 29	20 25 4	5°34'45	21° 2	0♍16	18°35	12°21	14°51	14° 4	3°41	19°50	7°14	1°28	1°13	26°56	26°14	S 29
S 30	20 29 0	6°32'04	6♒13	1°39	19°48	12°58	14°48	14° 5	3°42	19°52	7°14	1°R28	1°10	27° 2	26°12	S 30
M31	20 32 57	7♌29'23	21♒21	3♍ 0	21♋ 1	13♍35	14♐46	14♏ 6	3♉42	19♍54	7♉14	1♒28	1♒ 7	27♋ 9	26♐ 9	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 8	24s31	1s42	24n23	1n15	21n32	1s 0	14n13	1n12	22s15	0n33	13s47	2n25	12n 3	0s32	5n16	1n 4	1s46	16s29	19s49	19s33	22n 7	16s53	6n31
S 2	23 4	20 54	0 20	24 19	1 22	21 42	0 58	14 0	1 11	22 14	0 33	13 47	2 24	12 4	0 32	5 15	1 4	1 46	16 29	19 49	19 34	22 5	16 53	6 31
M 3	22 59	15 56	1n 3	24 14	1 28	21 52	0 56	13 47	1 11	22 14	0 33	13 47	2 24	12 4	0 32	5 15	1 4	1 46	16 30	19 49	19 34	22 3	16 53	6 31
T 4	22 55	10 5	2 20	24 5	1 34	22 1	0 53	13 35	1 10	22 13	0 33	13 47	2 24	12 5	0 32	5 14	1 4	1 46	16 30	19 49	19 35	22 1	16 53	6 31
W 5	22 49	3 51	3 26	23 54	1 39	22 10	0 51	13 22	1 10	22 13	0 33	13 47	2 24	12 6	0 32	5 14	1 4	1 46	16 30	19 48	19 36	21 59	16 53	6 31
T 6	22 44	2n24	4 18	23 40	1 43	22 17	0 48	13 9	1 9	22 13	0 32	13 47	2 23	12 6	0 32	5 13	1 4	1 46	16 30	19 48	19 36	21 57	16 53	6 31
F 7	22 38	8 21	4 54	23 24	1 46	22 25	0 46	12 55	1 9	22 12	0 32	13 47	2 23	12 7	0 32	5 13	1 4	1 46	16 31	19 48	19 37	21 54	16 53	6 31
S 8	22 31	13 46	5 13	23 5	1 48	22 31	0 43	12 42	1 8	22 12	0 32	13 46	2 23	12 7	0 32	5 13	1 4	1 47	16 31	19 48	19 38	21 52	16 53	6 31
S 9	22 25	18 25	5 15	22 45	1 50	22 37	0 41	12 29	1 8	22 11	0 32	13 46	2 23	12 8	0 32	5 12	1 4	1 47	16 31	19 48	19 39	21 50	16 53	6 31
M10	22 17	22 9	5 3	22 22	1 51	22 43	0 38	12 16	1 7	22 11	0 32	13 46	2 22	12 8	0 32	5 12	1 4	1 47	16 32	19 48	19 39	21 48	16 53	6 31
T 11	22 10	24 48	4 36	21 58	1 51	22 47	0 36	12 2	1 6	22 11	0 31	13 46	2 22	12 9	0 32	5 11	1 4	1 47	16 32	19 49	19 40	21 46	16 53	6 31
W12	22 2	26 16	3 58	21 32	1 51	22 51	0 33	11 49	1 6	22 10	0 31	13 46	2 22	12 9	0 32	5 11	1 4	1 47	16 32	19 49	19 41	21 44	16 53	6 31
T 13	21 54	26 29	3 9	21 4	1 50	22 55	0 31	11 35	1 5	22 10	0 31	13 47	2 22	12 9	0 32	5 10	1 4	1 47	16 33	19 50	19 41	21 42	16 53	6 31
F 14	21 45	25 28	2 13	20 35	1 48	22 57	0 28	11 21	1 5	22 9	0 31	13 47	2 21	12 10	0 32	5 9	1 4	1 47	16 33	19 50	19 42	21 40	16 53	6 30
S 15	21 36	23 18	1 11	20 4	1 46	22 59	0 26	11 8	1 4	22 9	0 31	13 47	2 21	12 10	0 32	5 9	1 4	1 47	16 33	19 50	19 43	21 38	16 53	6 30
S 16	21 26	20 9	0 6	19 33	1 43	23 1	0 23	10 54	1 4	22 9	0 31	13 47	2 21	12 11	0 32	5 8	1 4	1 48	16 33	19 50	19 44	21 36	16 53	6 30
M17	21 17	16 12	0s59	19 0	1 39	23 2	0 20	10 40	1 3	22 9	0 30	13 47	2 21	12 11	0 32	5 8	1 4	1 48	16 34	19 50	19 44	21 34	16 54	6 30
T 18	21 6	11 36	2 2	18 26	1 35	23 2	0 18	10 26	1 3	22 8	0 30	13 47	2 20	12 11	0 32	5 7	1 4	1 48	16 34	19 50	19 45	21 32	16 54	6 30
W19	20 56	6 32	3 0	17 52	1 31	23 1	0 15	10 12	1 2	22 8	0 30	13 48	2 20	12 12	0 32	5 7	1 4	1 48	16 34	19 50	19 46	21 30	16 54	6 29
T 20	20 45	1 11	3 51	17 17	1 26	23 0	0 13	9 58	1 1	22 8	0 30	13 48	2 20	12 12	0 32	5 6	1 4	1 48	16 35	19 50	19 46	21 28	16 54	6 29
F 21	20 34	4s17	4 32	16 41	1 20	22 58	0 10	9 43	1 1	22 7	0 30	13 48	2 20	12 12	0 32	5 5	1 4	1 48	16 35	19 50	19 47	21 25	16 54	6 29
S 22	20 22	9 41	5 1	16 4	1 14	22 55	0 7	9 29	1 0	22 7	0 29	13 49	2 19	12 13	0 32	5 5	1 4	1 49	16 35	19 50	19 48	21 23	16 54	6 29
S 23	20 10	14 50	5 16	15 28	1 8	22 52	0 5	9 15	1 0	22 7	0 29	13 49	2 19	12 13	0 32	5 4	1 4	1 49	16 36	19 50	19 48	21 21	16 54	6 29
M24	19 58	19 26	5 15	14 50	1 1	22 48	0 2	9 0	0 59	22 7	0 29	13 49	2 19	12 13	0 32	5 3	1 4	1 49	16 36	19 50	19 49	21 19	16 55	6 28
T 25	19 45	23 11	4 57	14 13	0 53	22 44	0n 0	8 46	0 59	22 7	0 29	13 50	2 18	12 13	0 32	5 3	1 4	1 49	16 36	19 50	19 50	21 17	16 55	6 28
W26	19 33	25 41	4 20	13 35	0 46	22 38	0 3	8 32	0 58	22 6	0 29	13 50	2 18	12 14	0 32	5 2	1 4	1 50	16 37	19 50	19 51	21 15	16 55	6 28
T 27	19 19	26 33	3 26	12 57	0 38	22 32	0 5	8 17	0 58	22 6	0 28	13 51	2 18	12 14	0 32	5 2	1 4	1 50	16 37	19 50	19 51	21 13	16 55	6 28
F 28	19 6	25 35	2 17	12 20	0 29	22 26	0 8	8 2	0 57	22 6	0 28	13 51	2 18	12 14	0 32	5 1	1 4	1 50	16 37	19 49	19 52	21 11	16 55	6 27
S 29	18 52	22 44	0 58	11 42	0 21	22 19	0 10	7 48	0 56	22 6	0 28	13 52	2 17	12 14	0 32	5 0	1 4	1 50	16 38	19 49	19 53	21 8	16 56	6 27
S 30	18 38	18 17	0n26	11 4	0 12	22 11	0 13	7 33	0 56	22 6	0 28	13 52	2 17	12 14	0 32	4 59	1 4	1 51	16 38	19 49	19 53	21 6	16 56	6 27
M31	18n23	12s40	1n48	10n26	0n 2	22n 2	0n15	7n18	0n55	22s 6	0n28	13s53	2n17	12n15	0s32	4n59	1n 4	1s51	16s38	19s49	19s54	21n 4	16s56	6n26

Julian Day Number = 2488980.5, Delta T = 94.35 sec
Ecliptic obliquity = 23°25'38, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°10'20, Lahiri = 25°17'21

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ASTRODIENST EPHEMERIS for the year 2102
geocentric

AUGUST 2102 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 36 53	8♌26'44	6♓18	4♍18	22♋15	14♍12	14°R44	14♏ 7	3♉43	19♍55	7♉14	1°R27	1♒ 4	27♋16	26°R 7	T 1
W 2	20 40 50	9°24'05	20°55	5°35	23°28	14°50	14♐42	14° 9	3°43	19°57	7°14	1♒26	1° 0	27°22	26♐ 4	W 2
T 3	20 44 46	10°21'27	5♈ 7	6°49	24°42	15°27	14°40	14°10	3°44	19°59	7°15	1°25	0°57	27°29	26° 2	T 3
F 4	20 48 43	11°18'50	18°53	8° 1	25°55	16° 4	14°39	14°12	3°44	20° 1	7°15	1°24	0°54	27°36	26° 0	F 4
S 5	20 52 39	12°16'15	2♉12	9°11	27° 8	16°42	14°38	14°14	3°44	20° 3	7°15	1°24	0°51	27°42	25°58	S 5
S 6	20 56 36	13°13'41	15° 6	10°19	28°22	17°19	14°36	14°15	3°44	20° 4	7°15	1°D24	0°48	27°49	25°56	S 6
M 7	21 0 32	14°11'08	27°38	11°24	29°36	17°57	14°35	14°17	3°44	20° 6	7°R15	1°24	0°44	27°56	25°54	M 7
T 8	21 4 29	15° 8'36	9♊53	12°26	0♌49	18°34	14°35	14°19	3°44	20° 8	7°15	1°25	0°41	28° 2	25°52	T 8
W 9	21 8 26	16° 6'06	21°55	13°26	2° 3	19°12	14°34	14°21	3°R45	20°10	7°15	1°26	0°38	28° 9	25°50	W 9
T 10	21 12 22	17° 3'36	3♋49	14°23	3°16	19°49	14°34	14°23	3°44	20°12	7°15	1°27	0°35	28°16	25°48	T 10
F 11	21 16 19	18° 1'08	15°37	15°17	4°30	20°27	14°33	14°26	3°44	20°14	7°15	1°29	0°32	28°22	25°47	F 11
S 12	21 20 15	18°58'42	27°23	16° 8	5°44	21° 5	14°D33	14°28	3°44	20°16	7°14	1°R29	0°29	28°29	25°45	S 12
S 13	21 24 12	19°56'16	9♌11	16°56	6°58	21°42	14°33	14°30	3°44	20°18	7°14	1°29	0°25	28°35	25°44	S 13
M14	21 28 8	20°53'51	21° 3	17°40	8°11	22°20	14°34	14°33	3°44	20°20	7°14	1°28	0°22	28°42	25°42	M14
T 15	21 32 5	21°51'28	3♍ 1	18°21	9°25	22°58	14°34	14°35	3°44	20°22	7°14	1°26	0°19	28°49	25°41	T 15
W16	21 36 2	22°49'06	15° 7	18°58	10°39	23°36	14°35	14°38	3°43	20°24	7°14	1°23	0°16	28°55	25°40	W16
T 17	21 39 58	23°46'44	27°23	19°31	11°53	24°14	14°36	14°41	3°43	20°26	7°14	1°20	0°13	29° 2	25°39	T 17
F 18	21 43 55	24°44'24	9♎50	20° 0	13° 7	24°52	14°37	14°44	3°43	20°28	7°13	1°16	0°10	29° 9	25°37	F 18
S 19	21 47 51	25°42'05	22°31	20°24	14°21	25°30	14°38	14°47	3°42	20°30	7°13	1°13	0° 6	29°15	25°36	S 19
S 20	21 51 48	26°39'47	5♏27	20°44	15°34	26° 8	14°40	14°50	3°42	20°32	7°13	1°10	0° 3	29°22	25°36	S 20
M21	21 55 44	27°37'30	18°41	20°59	16°48	26°46	14°41	14°53	3°41	20°34	7°13	1° 9	29♑59	29°29	25°35	M21
T 22	21 59 41	28°35'14	2♐14	21° 9	18° 2	27°24	14°43	14°56	3°40	20°36	7°12	1°D 8	29°57	29°35	25°34	T 22
W23	22 3 37	29°33'00	16° 7	21°R13	19°16	28° 2	14°45	14°59	3°40	20°38	7°12	1° 9	29°54	29°42	25°33	W23
T 24	22 7 34	0♍30'46	0♑21	21°12	20°30	28°40	14°47	15° 3	3°39	20°40	7°12	1°11	29°50	29°49	25°33	T 24
F 25	22 11 31	1°28'33	14°53	21° 5	21°45	29°18	14°50	15° 6	3°38	20°42	7°11	1°12	29°47	29°55	25°32	F 25
S 26	22 15 27	2°26'22	29°41	20°53	22°59	29°57	14°52	15°10	3°38	20°45	7°11	1°R13	29°44	0♌ 2	25°32	S 26
S 27	22 19 24	3°24'12	14♒39	20°34	24°13	0♎35	14°55	15°13	3°37	20°47	7°11	1°12	29°41	0° 8	25°32	S 27
M28	22 23 20	4°22'03	29°39	20°10	25°27	1°13	14°58	15°17	3°36	20°49	7°10	1°10	29°38	0°15	25°32	M28
T 29	22 27 17	5°19'56	14♓32	19°40	26°41	1°52	15° 1	15°21	3°35	20°51	7°10	1° 6	29°35	0°22	25°32	T 29
W30	22 31 13	6°17'50	29°10	19° 4	27°55	2°30	15° 4	15°25	3°34	20°53	7° 9	1° 1	29°31	0°28	25°D31	W30
T 31	22 35 10	7♍15'46	13♈27	18♍23	29♌ 9	3♎ 9	15♐ 7	15♏29	3♉33	20♍55	7♉ 9	0♒56	29♑28	0♌35	25♐32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 9	6s23	3n 2	9n49	0s 7	21n53	0n18	7n 3	0n55	22s 6	0n27	13s54	2n17	12n15	0s32	4n58	1n 4	1s51	16s39	19s50	19s55	21n 2	16s56	6n26
W 2	17 54	0n 6	4 2	9 12	0 17	21 43	0 20	6 48	0 54	22 6	0 27	13 54	2 16	12 15	0 32	4 57	1 4	1 51	16 39	19 50	19 55	21 0	16 57	6 26
T 3	17 38	6 23	4 45	8 35	0 27	21 33	0 23	6 33	0 54	22 6	0 27	13 55	2 16	12 15	0 32	4 57	1 4	1 52	16 39	19 50	19 56	20 58	16 57	6 25
F 4	17 23	12 10	5 10	7 59	0 37	21 22	0 25	6 18	0 53	22 6	0 27	13 56	2 16	12 15	0 32	4 56	1 4	1 52	16 40	19 50	19 57	20 55	16 57	6 25
S 5	17 7	17 11	5 17	7 23	0 48	21 10	0 27	6 3	0 53	22 6	0 27	13 56	2 16	12 15	0 32	4 55	1 4	1 52	16 40	19 50	19 58	20 53	16 57	6 25
S 6	16 50	21 16	5 8	6 48	0 59	20 58	0 30	5 48	0 52	22 6	0 26	13 57	2 15	12 15	0 32	4 54	1 4	1 52	16 40	19 50	19 58	20 51	16 58	6 24
M 7	16 34	24 14	4 45	6 13	1 9	20 45	0 32	5 33	0 51	22 6	0 26	13 58	2 15	12 15	0 32	4 54	1 4	1 53	16 41	19 50	19 59	20 49	16 58	6 24
T 8	16 17	26 1	4 9	5 39	1 20	20 31	0 34	5 18	0 51	22 6	0 26	13 59	2 15	12 15	0 32	4 53	1 4	1 53	16 41	19 50	20 0	20 47	16 58	6 24
W 9	16 0	26 33	3 22	5 6	1 31	20 17	0 37	5 3	0 50	22 6	0 26	14 0	2 15	12 15	0 32	4 52	1 4	1 53	16 41	19 50	20 0	20 44	16 59	6 23
T 10	15 43	25 50	2 27	4 34	1 43	20 3	0 39	4 48	0 50	22 6	0 26	14 1	2 14	12 15	0 32	4 51	1 4	1 54	16 42	19 50	20 1	20 42	16 59	6 23
F 11	15 25	23 57	1 27	4 3	1 54	19 47	0 41	4 32	0 49	22 7	0 26	14 1	2 14	12 15	0 32	4 51	1 4	1 54	16 42	19 49	20 2	20 40	16 59	6 23
S 12	15 8	21 3	0 23	3 33	2 5	19 31	0 43	4 17	0 49	22 7	0 25	14 2	2 14	12 15	0 32	4 50	1 4	1 54	16 42	19 49	20 2	20 38	17 0	6 22
S 13	14 50	17 16	0s42	3 4	2 17	19 15	0 45	4 2	0 48	22 7	0 25	14 3	2 13	12 15	0 32	4 49	1 4	1 55	16 43	19 49	20 3	20 36	17 0	6 22
M14	14 31	12 48	1 46	2 36	2 28	18 58	0 47	3 46	0 48	22 7	0 25	14 4	2 13	12 15	0 32	4 48	1 4	1 55	16 43	19 49	20 4	20 33	17 0	6 21
T 15	14 13	7 49	2 45	2 10	2 39	18 41	0 49	3 31	0 47	22 8	0 25	14 5	2 13	12 15	0 32	4 48	1 4	1 55	16 43	19 50	20 4	20 31	17 1	6 21
W16	13 54	2 30	3 38	1 45	2 50	18 23	0 51	3 15	0 46	22 8	0 25	14 6	2 13	12 15	0 33	4 47	1 4	1 56	16 44	19 50	20 5	20 29	17 1	6 21
T 17	13 35	2s57	4 21	1 22	3 1	18 4	0 53	3 0	0 46	22 8	0 24	14 7	2 12	12 14	0 33	4 46	1 4	1 56	16 44	19 51	20 6	20 27	17 1	6 20
F 18	13 16	8 23	4 53	1 1	3 12	17 45	0 55	2 44	0 45	22 8	0 24	14 8	2 12	12 14	0 33	4 45	1 4	1 57	16 44	19 52	20 6	20 25	17 2	6 20
S 19	12 57	13 34	5 11	0 42	3 22	17 25	0 57	2 29	0 45	22 9	0 24	14 10	2 12	12 14	0 33	4 44	1 4	1 57	16 44	19 53	20 7	20 22	17 2	6 19
S 20	12 37	18 15	5 13	0 25	3 32	17 5	0 58	2 13	0 44	22 9	0 24	14 11	2 12	12 14	0 33	4 43	1 4	1 57	16 45	19 53	20 8	20 20	17 3	6 19
M21	12 17	22 10	5 0	0 10	3 42	16 45	1 0	1 57	0 44	22 9	0 24	14 12	2 11	12 14	0 33	4 43	1 4	1 58	16 45	19 54	20 8	20 18	17 3	6 19
T 22	11 58	25 0	4 29	0s 2	3 51	16 24	1 2	1 42	0 43	22 10	0 23	14 13	2 11	12 13	0 33	4 42	1 4	1 58	16 45	19 54	20 9	20 16	17 3	6 18
W23	11 37	26 24	3 43	0 12	4 0	16 2	1 3	1 26	0 43	22 10	0 23	14 14	2 11	12 13	0 33	4 41	1 4	1 58	16 46	19 54	20 10	20 13	17 4	6 18
T 24	11 17	26 7	2 41	0 19	4 8	15 40	1 5	1 10	0 42	22 11	0 23	14 15	2 11	12 13	0 33	4 40	1 4	1 59	16 46	19 53	20 10	20 11	17 4	6 17
F 25	10 57	24 4	1 28	0 23	4 15	15 18	1 7	0 55	0 41	22 11	0 23	14 17	2 11	12 13	0 33	4 39	1 4	1 59	16 46	19 53	20 11	20 9	17 5	6 17
S 26	10 36	20 21	0 8	0 23	4 21	14 55	1 8	0 39	0 41	22 12	0 23	14 18	2 10	12 12	0 33	4 39	1 4	2 0	16 47	19 53	20 12	20 6	17 5	6 16
S 27	10 15	15 16	1n13	0 21	4 26	14 32	1 9	0 23	0 40	22 12	0 23	14 19	2 10	12 12	0 33	4 38	1 4	2 0	16 47	19 53	20 12	20 4	17 5	6 16
M28	9 54	9 16	2 29	0 15	4 30	14 9	1 11	0 7	0 40	22 13	0 22	14 20	2 10	12 12	0 33	4 37	1 4	2 0	16 47	19 53	20 13	20 2	17 6	6 15
T 29	9 33	2 47	3 35	0 5	4 33	13 45	1 12	0s 8	0 39	22 13	0 22	14 22	2 10	12 11	0 33	4 36	1 4	2 1	16 48	19 54	20 14	20 0	17 6	6 15
W30	9 12	3n43	4 25	0n 8	4 34	13 20	1 13	0 24	0 39	22 14	0 22	14 23	2 9	12 11	0 33	4 35	1 4	2 1	16 48	19 55	20 14	19 57	17 7	6 15
T 31	8n50	9n52	4n57	0n24	4s33	12n55	1n14	0s40	0n38	22s14	0n22	14s24	2n 9	12n11	0s33	4n34	1n 4	2s 2	16s48	19s56	20s15	19n55	17s 7	6n14

Julian Day Number = 2489011.5, Delta T = 94.39 sec
Ecliptic obliquity = 23°25'38, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°10'25, Lahiri = 25°17'25

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ASTRODIENST EPHEMERIS for the year 2102
geocentric

SEPTEMBER 2102 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 39 6	8♍13'43	27♈19	17°R37	0♍24	3♎47	15♐11	15♏33	3°R32	20♍58	7°R 8	0°R51	29♉25	0♌42	25♐32	F 1
S 2	22 43 3	9°11'43	10♉43	16♍47	1°38	4°26	15°15	15°37	3♉31	21° 0	7♉ 8	0♒46	29°22	0°48	25°32	S 2
S 3	22 46 59	10° 9'44	23°41	15°53	2°52	5° 4	15°19	15°41	3°30	21° 2	7° 7	0°43	29°19	0°55	25°32	S 3
M 4	22 50 56	11° 7'48	6♊15	14°57	4° 7	5°43	15°23	15°45	3°29	21° 4	7° 7	0°D42	29°15	1° 2	25°33	M 4
T 5	22 54 53	12° 5'53	18°30	14° 0	5°21	6°22	15°27	15°50	3°27	21° 6	7° 6	0°42	29°12	1° 8	25°33	T 5
W 6	22 58 49	13° 4'00	0♋31	13° 2	6°35	7° 1	15°31	15°54	3°26	21° 9	7° 6	0°43	29° 9	1°15	25°34	W 6
T 7	23 2 46	14° 2'09	12°22	12° 6	7°50	7°39	15°36	15°59	3°25	21°11	7° 5	0°45	29° 6	1°22	25°35	T 7
F 8	23 6 42	15° 0'20	24° 9	11°11	9° 4	8°18	15°41	16° 3	3°23	21°13	7° 4	0°46	29° 3	1°28	25°35	F 8
S 9	23 10 39	15°58'33	5♌56	10°21	10°19	8°57	15°46	16° 8	3°22	21°15	7° 4	0°R46	29° 0	1°35	25°36	S 9
S 10	23 14 35	16°56'48	17°48	9°35	11°33	9°36	15°51	16°12	3°20	21°17	7° 3	0°44	28°56	1°42	25°37	S 10
M11	23 18 32	17°55'05	29°47	8°54	12°47	10°15	15°56	16°17	3°19	21°20	7° 2	0°40	28°53	1°48	25°38	M11
T 12	23 22 28	18°53'23	11♍55	8°21	14° 2	10°54	16° 1	16°22	3°17	21°22	7° 2	0°35	28°50	1°55	25°39	T 12
W13	23 26 25	19°51'44	24°15	7°56	15°17	11°33	16° 7	16°27	3°16	21°24	7° 1	0°27	28°47	2° 1	25°41	W13
T 14	23 30 22	20°50'06	6♎47	7°38	16°31	12°12	16°13	16°32	3°14	21°26	7° 0	0°18	28°44	2° 8	25°42	T 14
F 15	23 34 18	21°48'29	19°32	7°D30	17°46	12°51	16°18	16°37	3°13	21°29	7° 0	0° 9	28°41	2°15	25°43	F 15
S 16	23 38 15	22°46'55	2♏30	7°31	19° 0	13°31	16°24	16°42	3°11	21°31	6°59	29♉59	28°37	2°21	25°45	S 16
S 17	23 42 11	23°45'22	15°40	7°41	20°15	14°10	16°31	16°47	3° 9	21°33	6°58	29°53	28°34	2°28	25°47	S 17
M18	23 46 8	24°43'51	29° 2	8° 1	21°29	14°49	16°37	16°52	3° 8	21°35	6°57	29°48	28°31	2°35	25°48	M18
T 19	23 50 4	25°42'22	12♐37	8°29	22°44	15°29	16°43	16°58	3° 6	21°37	6°56	29°45	28°28	2°41	25°50	T 19
W20	23 54 1	26°40'54	26°26	9° 7	23°59	16° 8	16°50	17° 3	3° 4	21°40	6°56	29°D44	28°25	2°48	25°52	W20
T 21	23 57 57	27°39'28	10♑28	9°53	25°13	16°47	16°57	17° 8	3° 2	21°42	6°55	29°44	28°21	2°55	25°54	T 21
F 22	0 1 54	28°38'04	24°43	10°47	26°28	17°27	17° 4	17°14	3° 0	21°44	6°54	29°R45	28°18	3° 1	25°56	F 22
S 23	0 5 51	29°36'41	9♒10	11°49	27°43	18° 7	17°11	17°20	2°58	21°46	6°53	29°45	28°15	3° 8	25°58	S 23
S 24	0 9 47	0♎35'20	23°44	12°57	28°58	18°46	17°18	17°25	2°56	21°49	6°52	29°43	28°12	3°15	26° 0	S 24
M25	0 13 44	1°34'00	8♓23	14°12	0♎12	19°26	17°25	17°31	2°54	21°51	6°51	29°38	28° 9	3°21	26° 2	M25
T 26	0 17 40	2°32'42	22°58	15°33	1°27	20° 5	17°33	17°36	2°52	21°53	6°50	29°31	28° 6	3°28	26° 5	T 26
W27	0 21 37	3°31'26	7♈24	16°58	2°42	20°45	17°40	17°42	2°50	21°55	6°50	29°22	28° 2	3°34	26° 7	W27
T 28	0 25 33	4°30'13	21°33	18°28	3°57	21°25	17°48	17°48	2°48	21°57	6°49	29°11	27°59	3°41	26°10	T 28
F 29	0 29 30	5°29'01	5♉21	20° 2	5°11	22° 5	17°56	17°54	2°46	21°59	6°48	29° 1	27°56	3°48	26°12	F 29
S 30	0 33 26	6♎27'51	18♉45	21♍39	6♎26	22♎45	18♐ 4	18♏ 0	2♉44	22♍ 2	6♉47	28♉51	27♉53	3♌54	26♐15	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n29	15n20	5n11	0n44	4s31	12n30	1n16	0s56	0n38	22s15	0n22	14s26	2n 9	12n10	0s33	4n33	1n 4	2s 2	16s48	19s58	20s16	19n53	17s 8	6n14
S 2	8 7	19 53	5 7	1 7	4 26	12 5	1 17	1 12	0 37	22 15	0 21	14 27	2 9	12 10	0 33	4 33	1 4	2 3	16 49	19 59	20 16	19 50	17 8	6 13
S 3	7 45	23 19	4 47	1 34	4 20	11 39	1 18	1 27	0 36	22 16	0 21	14 29	2 8	12 10	0 33	4 32	1 4	2 3	16 49	19 59	20 17	19 48	17 9	6 13
M 4	7 23	25 30	4 14	2 3	4 12	11 13	1 19	1 43	0 36	22 17	0 21	14 30	2 8	12 9	0 33	4 31	1 4	2 3	16 49	19 59	20 18	19 46	17 9	6 12
T 5	7 1	26 24	3 30	2 34	4 2	10 47	1 19	1 59	0 35	22 17	0 21	14 31	2 8	12 9	0 33	4 30	1 4	2 4	16 49	19 59	20 18	19 44	17 10	6 12
W 6	6 39	26 3	2 37	3 7	3 50	10 20	1 20	2 15	0 35	22 18	0 21	14 33	2 8	12 8	0 33	4 29	1 4	2 4	16 50	19 59	20 19	19 41	17 10	6 11
T 7	6 17	24 29	1 38	3 41	3 37	9 53	1 21	2 31	0 34	22 18	0 21	14 34	2 8	12 8	0 33	4 28	1 4	2 5	16 50	19 59	20 20	19 39	17 11	6 11
F 8	5 54	21 52	0 36	4 15	3 22	9 26	1 22	2 47	0 34	22 19	0 20	14 36	2 7	12 7	0 33	4 27	1 4	2 5	16 50	19 59	20 20	19 37	17 11	6 10
S 9	5 32	18 20	0s28	4 50	3 5	8 58	1 22	3 2	0 33	22 20	0 20	14 37	2 7	12 7	0 33	4 26	1 4	2 6	16 51	19 59	20 21	19 34	17 12	6 10
S 10	5 9	14 3	1 31	5 23	2 48	8 30	1 23	3 18	0 32	22 21	0 20	14 39	2 7	12 6	0 33	4 26	1 4	2 6	16 51	19 59	20 22	19 32	17 12	6 9
M11	4 46	9 12	2 30	5 55	2 29	8 2	1 23	3 34	0 32	22 21	0 20	14 41	2 7	12 6	0 33	4 25	1 4	2 6	16 51	20 0	20 22	19 30	17 12	6 9
T 12	4 24	3 57	3 23	6 25	2 10	7 34	1 24	3 50	0 31	22 22	0 20	14 42	2 7	12 5	0 33	4 24	1 4	2 7	16 51	20 1	20 23	19 27	17 13	6 9
W13	4 1	1s31	4 8	6 53	1 51	7 6	1 24	4 6	0 31	22 23	0 20	14 44	2 6	12 5	0 33	4 23	1 4	2 7	16 52	20 3	20 24	19 25	17 13	6 8
T 14	3 38	7 0	4 41	7 17	1 31	6 37	1 25	4 22	0 30	22 23	0 19	14 45	2 6	12 4	0 33	4 22	1 4	2 8	16 52	20 5	20 24	19 23	17 14	6 8
F 15	3 15	12 17	5 1	7 39	1 12	6 8	1 25	4 37	0 30	22 24	0 19	14 47	2 6	12 4	0 33	4 21	1 4	2 8	16 52	20 7	20 25	19 20	17 14	6 7
S 16	2 52	17 7	5 6	7 56	0 53	5 39	1 25	4 53	0 29	22 25	0 19	14 49	2 6	12 3	0 33	4 20	1 4	2 9	16 52	20 8	20 26	19 18	17 15	6 7
S 17	2 29	21 13	4 55	8 9	0 34	5 10	1 25	5 9	0 28	22 26	0 19	14 50	2 6	12 2	0 33	4 20	1 4	2 9	16 53	20 10	20 26	19 15	17 16	6 6
M18	2 6	24 17	4 28	8 18	0 17	4 41	1 25	5 25	0 28	22 27	0 19	14 52	2 5	12 2	0 33	4 19	1 4	2 10	16 53	20 11	20 27	19 13	17 16	6 6
T 19	1 42	26 1	3 45	8 23	0n 0	4 11	1 25	5 40	0 27	22 27	0 19	14 54	2 5	12 1	0 33	4 18	1 4	2 10	16 53	20 12	20 27	19 11	17 17	6 5
W20	1 19	26 11	2 49	8 24	0 16	3 41	1 25	5 56	0 27	22 28	0 18	14 55	2 5	12 1	0 33	4 17	1 4	2 11	16 53	20 12	20 28	19 8	17 17	6 5
T 21	0 56	24 42	1 41	8 20	0 31	3 12	1 25	6 12	0 26	22 29	0 18	14 57	2 5	12 0	0 33	4 16	1 4	2 11	16 53	20 12	20 29	19 6	17 18	6 4
F 22	0 33	21 37	0 27	8 12	0 44	2 42	1 25	6 27	0 26	22 30	0 18	14 59	2 5	11 59	0 33	4 15	1 4	2 11	16 54	20 12	20 29	19 4	17 18	6 4
S 23	0 9	17 9	0n50	8 0	0 56	2 12	1 24	6 43	0 25	22 31	0 18	15 0	2 4	11 59	0 33	4 14	1 4	2 12	16 54	20 12	20 30	19 1	17 19	6 4
S 24	0s14	11 38	2 5	7 44	1 7	1 42	1 24	6 58	0 24	22 32	0 18	15 2	2 4	11 58	0 33	4 13	1 4	2 12	16 54	20 12	20 31	18 59	17 19	6 3
M25	0 37	5 28	3 11	7 24	1 17	1 12	1 24	7 14	0 24	22 32	0 18	15 4	2 4	11 57	0 33	4 13	1 4	2 13	16 54	20 13	20 31	18 56	17 20	6 3
T 26	1 1	0n57	4 4	7 1	1 25	0 42	1 23	7 29	0 23	22 33	0 18	15 6	2 4	11 57	0 33	4 12	1 4	2 13	16 54	20 15	20 32	18 54	17 20	6 2
W27	1 24	7 15	4 42	6 34	1 33	0 12	1 23	7 45	0 23	22 34	0 17	15 7	2 4	11 56	0 33	4 11	1 4	2 14	16 55	20 16	20 33	18 52	17 21	6 2
T 28	1 47	13 2	5 1	6 4	1 39	0s19	1 22	8 0	0 22	22 35	0 17	15 9	2 4	11 55	0 33	4 10	1 4	2 14	16 55	20 19	20 33	18 49	17 21	6 1
F 29	2 11	18 2	5 1	5 32	1 44	0 49	1 21	8 16	0 22	22 36	0 17	15 11	2 3	11 55	0 33	4 9	1 4	2 15	16 55	20 21	20 34	18 47	17 22	6 1
S 30	2s34	21n58	4n45	4n58	1n48	1s19	1n21	8s31	0n21	22s37	0n17	15s13	2n 3	11n54	0s33	4n 8	1n 4	2s15	16s55	20s23	20s34	18n44	17s22	6n 0

Julian Day Number = 2489042.5, Delta T = 94.43 sec
Ecliptic obliquity = 23°25'38, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°10'29, Lahiri = 25°17'29

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ASTRODIENST EPHEMERIS for the year 2102
geocentric

OCTOBER 2102 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 37 23	7♎26'44	1♊44	23♍18	7♎41	23♎24	18♐12	18♏ 6	2°R42	22♍ 4	6°R46	28°R44	27♑50	4♌ 1	26♐18	S 1
M 2	0 41 20	8°25'39	14°20	25° 0	8°56	24° 4	18°21	18°12	2♉40	22° 6	6♉45	28♑39	27°47	4° 8	26°21	M 2
T 3	0 45 16	9°24'36	26°36	26°43	10°11	24°44	18°29	18°18	2°38	22° 8	6°44	28°36	27°43	4°14	26°24	T 3
W 4	0 49 13	10°23'36	8♋38	28°28	11°26	25°25	18°37	18°24	2°36	22°10	6°43	28°D36	27°40	4°21	26°27	W 4
T 5	0 53 9	11°22'38	20°29	0♎14	12°40	26° 5	18°46	18°30	2°33	22°12	6°42	28°36	27°37	4°28	26°30	T 5
F 6	0 57 6	12°21'42	2♌17	2° 0	13°55	26°45	18°55	18°36	2°31	22°15	6°41	28°R36	27°34	4°34	26°33	F 6
S 7	1 1 2	13°20'48	14° 6	3°47	15°10	27°25	19° 4	18°43	2°29	22°17	6°40	28°35	27°31	4°41	26°36	S 7
S 8	1 4 59	14°19'57	26° 1	5°34	16°25	28° 5	19°13	18°49	2°26	22°19	6°39	28°32	27°27	4°48	26°39	S 8
M 9	1 8 55	15°19'07	8♍ 6	7°21	17°40	28°46	19°22	18°55	2°24	22°21	6°38	28°26	27°24	4°54	26°43	M 9
T 10	1 12 52	16°18'20	20°25	9° 7	18°55	29°26	19°31	19° 2	2°22	22°23	6°37	28°17	27°21	5° 1	26°46	T 10
W11	1 16 48	17°17'35	2♎59	10°54	20°10	0♏ 6	19°41	19° 8	2°20	22°25	6°36	28° 7	27°18	5° 7	26°50	W11
T 12	1 20 45	18°16'53	15°50	12°40	21°25	0°47	19°50	19°15	2°17	22°27	6°35	27°54	27°15	5°14	26°53	T 12
F 13	1 24 42	19°16'12	28°56	14°26	22°40	1°27	20° 0	19°21	2°15	22°29	6°34	27°41	27°12	5°21	26°57	F 13
S 14	1 28 38	20°15'33	12♏17	16°11	23°55	2° 8	20° 9	19°28	2°12	22°31	6°32	27°28	27° 8	5°27	27° 1	S 14
S 15	1 32 35	21°14'57	25°49	17°56	25°10	2°49	20°19	19°34	2°10	22°33	6°31	27°18	27° 5	5°34	27° 5	S 15
M16	1 36 31	22°14'22	9♐31	19°40	26°25	3°29	20°29	19°41	2° 8	22°35	6°30	27°10	27° 2	5°41	27° 9	M16
T 17	1 40 28	23°13'49	23°20	21°24	27°40	4°10	20°39	19°47	2° 5	22°37	6°29	27° 5	26°59	5°47	27°13	T 17
W18	1 44 24	24°13'18	7♑16	23° 7	28°55	4°51	20°49	19°54	2° 3	22°39	6°28	27° 3	26°56	5°54	27°17	W18
T 19	1 48 21	25°12'48	21°17	24°49	0♏10	5°31	21° 0	20° 1	2° 0	22°41	6°27	27° 2	26°53	6° 1	27°21	T 19
F 20	1 52 18	26°12'21	5♒22	26°30	1°25	6°12	21°10	20° 8	1°58	22°43	6°26	27° 2	26°49	6° 7	27°25	F 20
S 21	1 56 14	27°11'55	19°32	28°11	2°40	6°53	21°20	20°14	1°55	22°45	6°25	27° 1	26°46	6°14	27°29	S 21
S 22	2 0 11	28°11'30	3♓44	29°52	3°55	7°34	21°31	20°21	1°53	22°47	6°24	26°58	26°43	6°21	27°34	S 22
M23	2 4 7	29°11'07	17°57	1♏31	5°10	8°15	21°41	20°28	1°51	22°49	6°23	26°52	26°40	6°27	27°38	M23
T 24	2 8 4	0♏10'46	2♈ 6	3°10	6°25	8°56	21°52	20°35	1°48	22°51	6°21	26°44	26°37	6°34	27°42	T 24
W25	2 12 0	1°10'27	16° 8	4°49	7°40	9°37	22° 3	20°42	1°46	22°52	6°20	26°32	26°33	6°41	27°47	W25
T 26	2 15 57	2°10'10	29°58	6°26	8°55	10°18	22°14	20°49	1°43	22°54	6°19	26°20	26°30	6°47	27°52	T 26
F 27	2 19 53	3° 9'55	13♉31	8° 4	10°10	11° 0	22°25	20°55	1°41	22°56	6°18	26° 7	26°27	6°54	27°56	F 27
S 28	2 23 50	4° 9'42	26°44	9°40	11°25	11°41	22°36	21° 2	1°38	22°58	6°17	25°56	26°24	7° 0	28° 1	S 28
S 29	2 27 46	5° 9'31	9♊37	11°17	12°40	12°22	22°47	21° 9	1°36	23° 0	6°16	25°46	26°21	7° 7	28° 6	S 29
M30	2 31 43	6° 9'22	22°11	12°52	13°55	13° 4	22°58	21°16	1°33	23° 1	6°15	25°39	26°18	7°14	28°10	M30
T 31	2 35 40	7♏ 9'15	4♋26	14♏27	15♏10	13♏45	23♐10	21♏23	1♉31	23♍ 3	6♉14	25♑35	26♑14	7♌20	28♐15	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s57	24n39	4n15	4n21	1n51	1s49	1n20	8s46	0n20	22s38	0n17	15s14	2n 3	11n53	0s33	4n 8	1n 4	2s15	16s55	20s24	20s35	18n42	17s23	6n 0
M 2	3 20	26 2	3 33	3 43	1 53	2 20	1 19	9 2	0 20	22 38	0 17	15 16	2 3	11 52	0 33	4 7	1 4	2 16	16 55	20 25	20 36	18 40	17 23	6 0
T 3	3 44	26 5	2 42	3 2	1 54	2 50	1 18	9 17	0 19	22 39	0 17	15 18	2 3	11 52	0 33	4 6	1 4	2 16	16 56	20 26	20 36	18 37	17 24	5 59
W 4	4 7	24 53	1 44	2 21	1 54	3 20	1 17	9 32	0 19	22 40	0 16	15 20	2 3	11 51	0 33	4 5	1 4	2 17	16 56	20 26	20 37	18 35	17 24	5 59
T 5	4 30	22 34	0 43	1 38	1 53	3 50	1 16	9 47	0 18	22 41	0 16	15 22	2 3	11 50	0 33	4 4	1 4	2 17	16 56	20 26	20 38	18 32	17 25	5 58
F 6	4 53	19 19	0s20	0 55	1 52	4 20	1 15	10 2	0 18	22 42	0 16	15 23	2 2	11 49	0 33	4 3	1 4	2 18	16 56	20 26	20 38	18 30	17 25	5 58
S 7	5 16	15 17	1 21	0 11	1 50	4 50	1 14	10 17	0 17	22 43	0 16	15 25	2 2	11 48	0 33	4 3	1 4	2 18	16 56	20 26	20 39	18 27	17 26	5 58
S 8	5 39	10 39	2 20	0s34	1 48	5 20	1 13	10 32	0 16	22 44	0 16	15 27	2 2	11 48	0 33	4 2	1 4	2 19	16 56	20 27	20 40	18 25	17 26	5 57
M 9	6 2	5 32	3 13	1 19	1 45	5 50	1 11	10 47	0 16	22 44	0 16	15 29	2 2	11 47	0 33	4 1	1 4	2 19	16 56	20 28	20 40	18 23	17 27	5 57
T 10	6 25	0 9	3 58	2 4	1 41	6 19	1 10	11 2	0 15	22 45	0 16	15 31	2 2	11 46	0 33	4 0	1 4	2 19	16 56	20 30	20 41	18 20	17 27	5 56
W11	6 47	5s21	4 33	2 49	1 37	6 49	1 9	11 17	0 15	22 46	0 15	15 33	2 2	11 45	0 33	3 59	1 4	2 20	16 57	20 32	20 41	18 18	17 28	5 56
T 12	7 10	10 45	4 54	3 35	1 33	7 18	1 7	11 31	0 14	22 47	0 15	15 35	2 2	11 44	0 33	3 59	1 4	2 20	16 57	20 34	20 42	18 15	17 28	5 56
F 13	7 32	15 46	5 0	4 20	1 28	7 48	1 6	11 46	0 13	22 48	0 15	15 36	2 1	11 44	0 33	3 58	1 4	2 21	16 57	20 37	20 43	18 13	17 28	5 55
S 14	7 55	20 7	4 51	5 5	1 23	8 17	1 4	12 0	0 13	22 49	0 15	15 38	2 1	11 43	0 33	3 57	1 4	2 21	16 57	20 39	20 43	18 10	17 29	5 55
S 15	8 17	23 29	4 25	5 50	1 18	8 45	1 3	12 15	0 12	22 50	0 15	15 40	2 1	11 42	0 33	3 56	1 4	2 21	16 57	20 41	20 44	18 8	17 29	5 54
M16	8 39	25 32	3 43	6 35	1 12	9 14	1 1	12 29	0 12	22 51	0 15	15 42	2 1	11 41	0 33	3 55	1 4	2 22	16 57	20 43	20 44	18 5	17 30	5 54
T 17	9 1	26 3	2 48	7 19	1 6	9 43	1 0	12 44	0 11	22 51	0 15	15 44	2 1	11 40	0 33	3 55	1 4	2 22	16 57	20 44	20 45	18 3	17 30	5 54
W18	9 23	24 56	1 43	8 3	1 0	10 11	0 58	12 58	0 11	22 52	0 14	15 46	2 1	11 40	0 33	3 54	1 4	2 23	16 57	20 44	20 46	18 0	17 31	5 53
T 19	9 45	22 15	0 30	8 46	0 54	10 39	0 56	13 12	0 10	22 53	0 14	15 48	2 1	11 39	0 33	3 53	1 4	2 23	16 57	20 44	20 46	17 58	17 31	5 53
F 20	10 7	18 12	0n44	9 29	0 48	11 7	0 54	13 26	0 9	22 54	0 14	15 50	2 1	11 38	0 33	3 52	1 4	2 23	16 57	20 44	20 47	17 55	17 32	5 53
S 21	10 28	13 7	1 56	10 11	0 42	11 34	0 52	13 40	0 9	22 55	0 14	15 52	2 1	11 37	0 33	3 52	1 4	2 24	16 57	20 45	20 48	17 53	17 32	5 52
S 22	10 50	7 19	3 1	10 52	0 35	12 1	0 51	13 54	0 8	22 55	0 14	15 53	2 0	11 36	0 33	3 51	1 4	2 24	16 57	20 45	20 48	17 51	17 32	5 52
M23	11 11	1 10	3 55	11 33	0 28	12 28	0 49	14 8	0 8	22 56	0 14	15 55	2 0	11 35	0 33	3 50	1 4	2 25	16 57	20 46	20 49	17 48	17 33	5 52
T 24	11 32	5n 1	4 33	12 13	0 22	12 55	0 47	14 22	0 7	22 57	0 14	15 57	2 0	11 35	0 33	3 50	1 4	2 25	16 57	20 48	20 49	17 46	17 33	5 51
W25	11 53	10 53	4 55	12 53	0 15	13 21	0 45	14 35	0 6	22 58	0 14	15 59	2 0	11 34	0 33	3 49	1 5	2 25	16 57	20 50	20 50	17 43	17 34	5 51
T 26	12 13	16 7	5 0	13 32	0 8	13 47	0 43	14 49	0 6	22 59	0 13	16 1	2 0	11 33	0 33	3 48	1 5	2 26	16 57	20 52	20 51	17 41	17 34	5 51
F 27	12 34	20 27	4 47	14 10	0 1	14 13	0 40	15 2	0 5	22 59	0 13	16 3	2 0	11 32	0 33	3 48	1 5	2 26	16 57	20 55	20 51	17 38	17 35	5 50
S 28	12 54	23 37	4 19	14 47	0s 5	14 38	0 38	15 15	0 5	23 0	0 13	16 5	2 0	11 31	0 33	3 47	1 5	2 26	16 57	20 57	20 52	17 36	17 35	5 50
S 29	13 14	25 28	3 38	15 24	0 12	15 3	0 36	15 29	0 4	23 1	0 13	16 7	2 0	11 30	0 33	3 46	1 5	2 27	16 57	20 59	20 52	17 33	17 35	5 50
M30	13 34	25 59	2 47	16 0	0 19	15 28	0 34	15 42	0 3	23 2	0 13	16 9	2 0	11 29	0 33	3 46	1 5	2 27	16 57	21 0	20 53	17 30	17 36	5 49
T 31	13s54	25n11	1n50	16s34	0s26	15s52	0n32	15s55	0n 3	23s 2	0n13	16s10	2n 0	11n29	0s33	3n45	1n 5	2s27	16s57	21s 1	20s54	17n28	17s36	5n49

Julian Day Number = 2489072.5, Delta T = 94.47 sec
Ecliptic obliquity = 23°25'38, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°10'33, Lahiri = 25°17'34

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2102
geocentric

NOVEMBER 2102 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 39 36	8♏ 9'11	16♋27	16♏ 2	16♏25	14♏26	23♐21	21♏30	1°R28	23♍ 5	6°R12	25°R34	26♑11	7♘27	28♐20	W 1
T 2	2 43 33	9° 9'08	28°19	17°36	17°40	15° 8	23°33	21°37	1♉26	23° 6	6♉11	25°D33	26° 8	7°34	28°25	T 2
F 3	2 47 29	10° 9'08	10♘ 7	19°10	18°55	15°49	23°44	21°45	1°24	23° 8	6°10	25°R34	26° 5	7°40	28°30	F 3
S 4	2 51 26	11° 9'10	21°57	20°43	20°11	16°31	23°56	21°52	1°21	23°10	6° 9	25♑33	26° 2	7°47	28°35	S 4
S 5	2 55 22	12° 9'14	3♍53	22°16	21°26	17°13	24° 8	21°59	1°19	23°11	6° 8	25°31	25°58	7°54	28°40	S 5
M 6	2 59 19	13° 9'20	16° 1	23°48	22°41	17°54	24°20	22° 6	1°16	23°13	6° 7	25°26	25°55	8° 0	28°46	M 6
T 7	3 3 15	14° 9'28	28°26	25°20	23°56	18°36	24°31	22°13	1°14	23°14	6° 6	25°19	25°52	8° 7	28°51	T 7
W 8	3 7 12	15° 9'38	11♎10	26°52	25°11	19°18	24°43	22°20	1°12	23°16	6° 5	25°10	25°49	8°14	28°56	W 8
T 9	3 11 9	16° 9'50	24°15	28°23	26°26	20° 0	24°55	22°27	1° 9	23°18	6° 3	24°58	25°46	8°20	29° 2	T 9
F 10	3 15 5	17°10'04	7♏40	29°54	27°41	20°42	25° 8	22°34	1° 7	23°19	6° 2	24°46	25°43	8°27	29° 7	F 10
S 11	3 19 2	18°10'20	21°24	1♐24	28°56	21°24	25°20	22°41	1° 5	23°21	6° 1	24°35	25°39	8°34	29°12	S 11
S 12	3 22 58	19°10'38	5♐22	2°54	0♐11	22° 6	25°32	22°49	1° 2	23°22	6° 0	24°26	25°36	8°40	29°18	S 12
M13	3 26 55	20°10'57	19°30	4°24	1°26	22°48	25°44	22°56	1° 0	23°23	5°59	24°18	25°33	8°47	29°23	M13
T 14	3 30 51	21°11'18	3♑44	5°53	2°42	23°30	25°57	23° 3	0°58	23°25	5°58	24°14	25°30	8°53	29°29	T 14
W15	3 34 48	22°11'40	17°59	7°22	3°57	24°12	26° 9	23°10	0°56	23°26	5°57	24°D12	25°27	9° 0	29°35	W15
T 16	3 38 44	23°12'04	2♒13	8°50	5°12	24°54	26°22	23°17	0°53	23°27	5°56	24°12	25°24	9° 7	29°40	T 16
F 17	3 42 41	24°12'29	16°22	10°18	6°27	25°37	26°34	23°24	0°51	23°29	5°55	24°13	25°20	9°13	29°46	F 17
S 18	3 46 38	25°12'56	0♓27	11°45	7°42	26°19	26°47	23°32	0°49	23°30	5°54	24°R13	25°17	9°20	29°52	S 18
S 19	3 50 34	26°13'23	14°26	13°12	8°57	27° 1	26°59	23°39	0°47	23°31	5°53	24°12	25°14	9°27	29°58	S 19
M20	3 54 31	27°13'52	28°18	14°38	10°12	27°44	27°12	23°46	0°45	23°32	5°52	24° 8	25°11	9°33	0♑ 3	M20
T 21	3 58 27	28°14'22	12♈ 2	16° 4	11°27	28°26	27°25	23°53	0°43	23°34	5°50	24° 1	25° 8	9°40	0° 9	T 21
W22	4 2 24	29°14'54	25°37	17°29	12°42	29° 9	27°38	24° 0	0°40	23°35	5°49	23°53	25° 4	9°47	0°15	W22
T 23	4 6 20	0♐15'26	9♉ 1	18°53	13°58	29°51	27°51	24° 7	0°38	23°36	5°48	23°44	25° 1	9°53	0°21	T 23
F 24	4 10 17	1°16'01	22°11	20°16	15°13	0♐34	28° 4	24°15	0°36	23°37	5°47	23°34	24°58	10° 0	0°27	F 24
S 25	4 14 13	2°16'36	5♊ 6	21°38	16°28	1°17	28°17	24°22	0°34	23°38	5°46	23°25	24°55	10° 7	0°33	S 25
S 26	4 18 10	3°17'14	17°45	22°59	17°43	1°59	28°30	24°29	0°32	23°39	5°45	23°18	24°52	10°13	0°39	S 26
M27	4 22 7	4°17'52	0♋10	24°18	18°58	2°42	28°43	24°36	0°30	23°40	5°44	23°13	24°49	10°20	0°45	M27
T 28	4 26 3	5°18'33	12°20	25°37	20°13	3°25	28°56	24°43	0°29	23°41	5°43	23°10	24°45	10°27	0°51	T 28
W29	4 30 0	6°19'14	24°19	26°53	21°28	4° 8	29° 9	24°50	0°27	23°42	5°43	23°D 9	24°42	10°33	0°57	W29
T 30	4 33 56	7♐19'57	6♘10	28♐ 8	22♐43	4♐51	29♐22	24♏57	0♉25	23♍43	5♉42	23♑10	24♑39	10♘40	1♑ 3	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s13	23n13	0n48	17s 9	0s32	16s16	0n30	16s 8	0n 2	23s 3	0n13	16s12	2n 0	11n28	0s33	3n44	1n 5	2s28	16s57	21s 1	20s54	17n25	17s36	5n49
T 2	14 32	20 15	0s15	17 42	0 39	16 39	0 27	16 20	0 2	23 4	0 13	16 14	1 59	11 27	0 33	3 44	1 5	2 28	16 57	21 1	20 55	17 23	17 37	5 48
F 3	14 51	16 28	1 17	18 14	0 45	17 2	0 25	16 33	0 1	23 4	0 12	16 16	1 59	11 26	0 33	3 43	1 5	2 28	16 57	21 1	20 55	17 20	17 37	5 48
S 4	15 10	12 3	2 15	18 45	0 52	17 25	0 23	16 46	0 0	23 5	0 12	16 18	1 59	11 25	0 33	3 42	1 5	2 29	16 57	21 1	20 56	17 18	17 37	5 48
S 5	15 29	7 9	3 9	19 16	0 58	17 47	0 20	16 58	0s 0	23 6	0 12	16 20	1 59	11 25	0 33	3 42	1 5	2 29	16 57	21 2	20 57	17 15	17 38	5 48
M 6	15 47	1 54	3 55	19 45	1 5	18 8	0 18	17 10	0 1	23 6	0 12	16 22	1 59	11 24	0 33	3 41	1 5	2 29	16 57	21 2	20 57	17 13	17 38	5 47
T 7	16 5	3s31	4 30	20 14	1 11	18 30	0 16	17 22	0 1	23 7	0 12	16 24	1 59	11 23	0 33	3 41	1 5	2 30	16 57	21 4	20 58	17 10	17 38	5 47
W 8	16 22	8 55	4 54	20 42	1 17	18 50	0 13	17 34	0 2	23 7	0 12	16 25	1 59	11 22	0 33	3 40	1 5	2 30	16 57	21 5	20 58	17 8	17 39	5 47
T 9	16 40	14 5	5 2	21 8	1 23	19 10	0 11	17 46	0 2	23 8	0 12	16 27	1 59	11 21	0 33	3 39	1 5	2 30	16 57	21 8	20 59	17 5	17 39	5 47
F 10	16 57	18 42	4 55	21 34	1 29	19 30	0 8	17 58	0 3	23 9	0 12	16 29	1 59	11 20	0 33	3 39	1 5	2 30	16 57	21 10	20 59	17 3	17 39	5 46
S 11	17 14	22 27	4 30	21 58	1 34	19 49	0 6	18 10	0 4	23 9	0 11	16 31	1 59	11 20	0 33	3 38	1 5	2 31	16 57	21 12	21 0	17 0	17 39	5 46
S 12	17 31	24 57	3 49	22 21	1 40	20 7	0 4	18 21	0 4	23 10	0 11	16 33	1 59	11 19	0 33	3 38	1 5	2 31	16 57	21 13	21 1	16 57	17 40	5 46
M13	17 47	25 54	2 54	22 44	1 45	20 25	0 1	18 32	0 5	23 10	0 11	16 35	1 59	11 18	0 33	3 37	1 5	2 31	16 57	21 15	21 1	16 55	17 40	5 46
T 14	18 3	25 9	1 47	23 5	1 50	20 43	0s 1	18 44	0 5	23 11	0 11	16 37	1 59	11 17	0 33	3 37	1 5	2 31	16 56	21 15	21 2	16 52	17 40	5 45
W15	18 18	22 46	0 33	23 25	1 55	20 59	0 4	18 55	0 6	23 11	0 11	16 38	1 59	11 17	0 33	3 36	1 5	2 32	16 56	21 16	21 2	16 50	17 40	5 45
T 16	18 34	18 58	0n43	23 44	1 59	21 16	0 6	19 6	0 7	23 12	0 11	16 40	1 59	11 16	0 33	3 36	1 5	2 32	16 56	21 16	21 3	16 47	17 41	5 45
F 17	18 49	14 5	1 56	24 1	2 4	21 31	0 9	19 16	0 7	23 12	0 11	16 42	1 59	11 15	0 33	3 35	1 5	2 32	16 56	21 16	21 4	16 45	17 41	5 45
S 18	19 4	8 29	3 1	24 18	2 8	21 46	0 11	19 27	0 8	23 13	0 11	16 44	1 59	11 14	0 33	3 35	1 5	2 32	16 56	21 16	21 4	16 42	17 41	5 45
S 19	19 18	2 30	3 56	24 33	2 12	22 0	0 14	19 37	0 8	23 13	0 11	16 46	1 59	11 14	0 33	3 34	1 5	2 32	16 56	21 16	21 5	16 40	17 41	5 44
M20	19 32	3n32	4 35	24 47	2 15	22 14	0 16	19 47	0 9	23 13	0 10	16 47	1 59	11 13	0 33	3 34	1 5	2 33	16 56	21 16	21 5	16 37	17 41	5 44
T 21	19 45	9 20	4 59	24 59	2 18	22 27	0 19	19 58	0 10	23 14	0 10	16 49	1 59	11 12	0 33	3 33	1 6	2 33	16 56	21 18	21 6	16 34	17 42	5 44
W22	19 59	14 38	5 5	25 11	2 21	22 39	0 21	20 7	0 10	23 14	0 10	16 51	1 59	11 11	0 33	3 33	1 6	2 33	16 55	21 19	21 6	16 32	17 42	5 44
T 23	20 12	19 9	4 55	25 21	2 24	22 51	0 23	20 17	0 11	23 14	0 10	16 53	1 59	11 11	0 33	3 33	1 6	2 33	16 55	21 21	21 7	16 29	17 42	5 44
F 24	20 24	22 38	4 29	25 29	2 26	23 2	0 26	20 27	0 11	23 15	0 10	16 54	1 59	11 10	0 33	3 32	1 6	2 33	16 55	21 22	21 8	16 27	17 42	5 44
S 25	20 36	24 54	3 49	25 37	2 27	23 13	0 28	20 36	0 12	23 15	0 10	16 56	1 59	11 9	0 33	3 32	1 6	2 33	16 55	21 24	21 8	16 24	17 42	5 44
S 26	20 48	25 50	2 59	25 43	2 28	23 22	0 31	20 45	0 13	23 15	0 10	16 58	1 59	11 9	0 33	3 32	1 6	2 34	16 55	21 25	21 9	16 21	17 42	5 43
M27	21 0	25 27	2 1	25 47	2 29	23 31	0 33	20 54	0 13	23 15	0 10	17 0	1 59	11 8	0 33	3 31	1 6	2 34	16 55	21 26	21 9	16 19	17 42	5 43
T 28	21 11	23 49	0 58	25 50	2 29	23 39	0 36	21 3	0 14	23 16	0 10	17 1	1 59	11 7	0 33	3 31	1 6	2 34	16 54	21 26	21 10	16 16	17 42	5 43
W29	21 21	21 8	0s 6	25 52	2 29	23 47	0 38	21 12	0 14	23 16	0 10	17 3	1 59	11 7	0 33	3 30	1 6	2 34	16 54	21 27	21 10	16 14	17 42	5 43
T 30	21s31	17n35	1s10	25s53	2s28	23s54	0s40	21s20	0s15	23s16	0n 9	17s 5	1n59	11n 6	0s33	3n30	1n 6	2s34	16s54	21s26	21s11	16n11	17s42	5n43

Julian Day Number = 2489103.5, Delta T = 94.51 sec
Ecliptic obliquity = 23°25'37, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°10'37, Lahiri = 25°17'38

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ASTRODIENST EPHEMERIS for the year 2102
geocentric

DECEMBER 2102 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 37 53	8♐20'42	17♌58	29♐20	23♐58	5♐34	29♐35	25♏ 4	0°R23	23♍44	5°R41	23♉11	24♉36	10♌47	1♉10	F 1
S 2	4 41 49	9°21'28	29°47	0♉30	25°13	6°17	29°49	25°11	0♉21	23°45	5♉40	23°13	24°33	10°53	1°16	S 2
S 3	4 45 46	10°22'16	11♍42	1°37	26°28	7° 0	0♉ 2	25°18	0°20	23°46	5°39	23°R13	24°30	11° 0	1°22	S 3
M 4	4 49 43	11°23'05	23°49	2°40	27°44	7°43	0°15	25°25	0°18	23°46	5°38	23°12	24°26	11° 6	1°28	M 4
T 5	4 53 39	12°23'55	6♎13	3°40	28°59	8°26	0°29	25°32	0°16	23°47	5°37	23°10	24°23	11°13	1°34	T 5
W 6	4 57 36	13°24'47	18°58	4°35	0♉14	9° 9	0°42	25°39	0°15	23°48	5°36	23° 5	24°20	11°20	1°41	W 6
T 7	5 1 32	14°25'40	2♏ 7	5°26	1°29	9°53	0°56	25°46	0°13	23°48	5°35	22°59	24°17	11°26	1°47	T 7
F 8	5 5 29	15°26'35	15°41	6°11	2°44	10°36	1° 9	25°53	0°12	23°49	5°34	22°53	24°14	11°33	1°53	F 8
S 9	5 9 25	16°27'31	29°39	6°49	3°59	11°19	1°23	26° 0	0°10	23°50	5°34	22°47	24°10	11°40	2° 0	S 9
S 10	5 13 22	17°28'28	13♐57	7°20	5°14	12° 3	1°36	26° 7	0° 9	23°50	5°33	22°41	24° 7	11°46	2° 6	S 10
M11	5 17 18	18°29'26	28°30	7°43	6°29	12°46	1°50	26°14	0° 7	23°51	5°32	22°38	24° 4	11°53	2°12	M11
T 12	5 21 15	19°30'25	13♉11	7°57	7°44	13°30	2° 3	26°20	0° 6	23°51	5°31	22°36	24° 1	12° 0	2°19	T 12
W13	5 25 12	20°31'25	27°53	8°R 1	8°59	14°13	2°17	26°27	0° 5	23°52	5°31	22°D36	23°58	12° 6	2°25	W13
T 14	5 29 8	21°32'25	12♒31	7°55	10°14	14°57	2°31	26°34	0° 3	23°52	5°30	22°37	23°55	12°13	2°32	T 14
F 15	5 33 5	22°33'26	26°58	7°38	11°29	15°41	2°44	26°41	0° 2	23°53	5°29	22°38	23°51	12°20	2°38	F 15
S 16	5 37 1	23°34'27	11♓13	7° 9	12°44	16°24	2°58	26°47	0° 1	23°53	5°28	22°39	23°48	12°26	2°45	S 16
S 17	5 40 58	24°35'29	25°12	6°29	13°59	17° 8	3°12	26°54	29♈59	23°53	5°28	22°R40	23°45	12°33	2°51	S 17
M18	5 44 54	25°36'31	8♈56	5°37	15°14	17°52	3°25	27° 1	29°59	23°54	5°27	22°39	23°42	12°40	2°57	M18
T 19	5 48 51	26°37'33	22°25	4°35	16°29	18°36	3°39	27° 7	29°58	23°54	5°26	22°37	23°39	12°46	3° 4	T 19
W20	5 52 47	27°38'36	5♉39	3°25	17°44	19°20	3°53	27°14	29°57	23°54	5°26	22°34	23°36	12°53	3°10	W20
T 21	5 56 44	28°39'40	18°39	2° 8	18°59	20° 4	4° 6	27°20	29°56	23°54	5°25	22°30	23°32	13° 0	3°17	T 21
F 22	6 0 41	29°40'44	1♊26	0°46	20°14	20°48	4°20	27°27	29°55	23°55	5°24	22°26	23°29	13° 6	3°23	F 22
S 23	6 4 37	0♉41'48	14° 0	29♐24	21°29	21°32	4°34	27°33	29°54	23°55	5°24	22°23	23°26	13°13	3°30	S 23
S 24	6 8 34	1°42'53	26°22	28° 2	22°44	22°16	4°48	27°39	29°53	23°55	5°23	22°20	23°23	13°20	3°36	S 24
M25	6 12 30	2°43'58	8♋33	26°44	23°59	23° 0	5° 2	27°46	29°52	23°55	5°23	22°18	23°20	13°26	3°43	M25
T 26	6 16 27	3°45'04	20°35	25°33	25°14	23°44	5°15	27°52	29°52	23°55	5°22	22°D18	23°16	13°33	3°49	T 26
W27	6 20 23	4°46'10	2♌30	24°30	26°29	24°28	5°29	27°58	29°51	23°R55	5°22	22°18	23°13	13°40	3°56	W27
T 28	6 24 20	5°47'17	14°19	23°36	27°44	25°13	5°43	28° 4	29°50	23°55	5°21	22°19	23°10	13°46	4° 2	T 28
F 29	6 28 16	6°48'24	26° 7	22°52	28°59	25°57	5°57	28°11	29°50	23°55	5°21	22°20	23° 7	13°53	4° 9	F 29
S 30	6 32 13	7°49'31	7♍56	22°19	0♒14	26°41	6°10	28°17	29°49	23°55	5°20	22°22	23° 4	13°59	4°15	S 30
S 31	6 36 10	8♉50'39	19♍51	21♐57	1♒29	27♐26	6♉24	28♏23	29♈49	23♍55	5♉20	22♉23	23♉ 1	14♌ 6	4♉22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21s41	13n22	2s10	25s51	2s26	24s 0	0s43	21s29	0s16	23s16	0n 9	17s 6	1n59	11n 6	0s33	3n30	1n 6	2s34	16s54	21s26	21s12	16n 8	17s43	5n43	F 1
S 2	21 51	8 39	3 6	25 49	2 24	24 5	0 45	21 37	0 16	23 16	0 9	17 8	1 59	11 5	0 33	3 30	1 6	2 34	16 54	21 26	21 12	16 6	17 43	5 43	S 2
S 3	22 0	3 35	3 53	25 45	2 20	24 10	0 47	21 45	0 17	23 16	0 9	17 10	1 59	11 4	0 32	3 29	1 6	2 34	16 53	21 26	21 13	16 3	17 43	5 43	S 3
M 4	22 8	1s42	4 31	25 40	2 16	24 14	0 49	21 52	0 17	23 17	0 9	17 11	1 59	11 4	0 32	3 29	1 6	2 34	16 53	21 26	21 13	16 0	17 43	5 43	M 4
T 5	22 16	7 1	4 57	25 34	2 11	24 17	0 52	22 0	0 18	23 17	0 9	17 13	1 59	11 3	0 32	3 29	1 6	2 34	16 53	21 26	21 14	15 58	17 43	5 42	T 5
W 6	22 24	12 12	5 10	25 26	2 5	24 19	0 54	22 7	0 19	23 17	0 9	17 15	1 59	11 3	0 32	3 29	1 6	2 34	16 53	21 27	21 14	15 55	17 43	5 42	W 6
T 7	22 31	17 0	5 7	25 17	1 58	24 21	0 56	22 14	0 19	23 17	0 9	17 16	1 59	11 2	0 32	3 28	1 6	2 34	16 52	21 28	21 15	15 53	17 43	5 42	T 7
F 8	22 38	21 6	4 47	25 7	1 50	24 22	0 58	22 21	0 20	23 17	0 9	17 18	1 59	11 2	0 32	3 28	1 6	2 35	16 52	21 29	21 15	15 50	17 43	5 42	F 8
S 9	22 44	24 7	4 9	24 56	1 41	24 22	1 0	22 28	0 20	23 17	0 9	17 19	1 59	11 1	0 32	3 28	1 6	2 35	16 52	21 30	21 16	15 47	17 42	5 42	S 9
S 10	22 50	25 42	3 15	24 44	1 30	24 21	1 2	22 34	0 21	23 17	0 8	17 21	1 59	11 1	0 32	3 28	1 6	2 35	16 52	21 31	21 17	15 45	17 42	5 42	S 10
M11	22 56	25 33	2 8	24 30	1 18	24 20	1 4	22 40	0 22	23 17	0 8	17 22	1 59	11 0	0 32	3 28	1 6	2 35	16 51	21 32	21 17	15 42	17 42	5 42	M11
T 12	23 1	23 38	0 51	24 16	1 5	24 18	1 6	22 46	0 22	23 16	0 8	17 24	1 59	11 0	0 32	3 27	1 6	2 35	16 51	21 32	21 18	15 39	17 42	5 42	T 12
W13	23 5	20 6	0n29	24 1	0 51	24 15	1 8	22 52	0 23	23 16	0 8	17 25	1 59	10 59	0 32	3 27	1 6	2 35	16 51	21 32	21 18	15 37	17 42	5 42	W13
T 14	23 9	15 20	1 47	23 46	0 35	24 12	1 10	22 58	0 23	23 16	0 8	17 27	1 59	10 59	0 32	3 27	1 7	2 35	16 51	21 32	21 19	15 34	17 42	5 42	T 14
F 15	23 13	9 44	2 57	23 30	0 17	24 7	1 12	23 3	0 24	23 16	0 8	17 28	1 59	10 59	0 32	3 27	1 7	2 34	16 50	21 32	21 19	15 31	17 42	5 42	F 15
S 16	23 16	3 43	3 56	23 13	0n 1	24 2	1 13	23 8	0 25	23 16	0 8	17 30	1 59	10 58	0 32	3 27	1 7	2 34	16 50	21 31	21 20	15 29	17 42	5 42	S 16
S 17	23 19	2n22	4 39	22 56	0 20	23 56	1 15	23 13	0 25	23 16	0 8	17 31	1 59	10 58	0 32	3 27	1 7	2 34	16 50	21 31	21 20	15 26	17 42	5 42	S 17
M18	23 21	8 13	5 5	22 39	0 40	23 50	1 17	23 18	0 26	23 15	0 8	17 33	1 59	10 57	0 32	3 27	1 7	2 34	16 50	21 31	21 21	15 23	17 41	5 42	M18
T 19	23 23	13 34	5 14	22 21	1 0	23 42	1 18	23 22	0 26	23 15	0 8	17 34	1 59	10 57	0 32	3 27	1 7	2 34	16 49	21 32	21 21	15 21	17 41	5 42	T 19
W20	23 24	18 12	5 6	22 3	1 20	23 34	1 20	23 27	0 27	23 15	0 7	17 36	1 59	10 57	0 32	3 27	1 7	2 34	16 49	21 32	21 22	15 18	17 41	5 42	W20
T 21	23 25	21 53	4 42	21 45	1 39	23 26	1 22	23 31	0 27	23 14	0 7	17 37	1 59	10 56	0 32	3 26	1 7	2 34	16 49	21 33	21 23	15 15	17 41	5 42	T 21
F 22	23 26	24 26	4 5	21 28	1 57	23 16	1 23	23 34	0 28	23 14	0 7	17 39	1 59	10 56	0 32	3 26	1 7	2 34	16 48	21 34	21 23	15 13	17 41	5 42	F 22
S 23	23 25	25 43	3 16	21 12	2 14	23 6	1 25	23 38	0 29	23 14	0 7	17 40	1 59	10 56	0 32	3 26	1 7	2 34	16 48	21 34	21 24	15 10	17 40	5 42	S 23
S 24	23 25	25 41	2 18	20 57	2 28	22 55	1 26	23 41	0 29	23 13	0 7	17 41	1 59	10 56	0 32	3 26	1 7	2 34	16 48	21 35	21 24	15 7	17 40	5 43	S 24
M25	23 24	24 24	1 15	20 43	2 40	22 44	1 27	23 44	0 30	23 13	0 7	17 43	2 0	10 55	0 32	3 26	1 7	2 34	16 47	21 35	21 25	15 5	17 40	5 43	M25
T 26	23 22	22 0	0 9	20 31	2 50	22 32	1 28	23 47	0 30	23 12	0 7	17 44	2 0	10 55	0 32	3 27	1 7	2 34	16 47	21 35	21 25	15 2	17 40	5 43	T 26
W27	23 20	18 41	0s56	20 21	2 57	22 19	1 30	23 50	0 31	23 12	0 7	17 45	2 0	10 55	0 32	3 27	1 7	2 33	16 47	21 35	21 26	14 59	17 39	5 43	W27
T 28	23 18	14 38	1 59	20 14	3 2	22 5	1 31	23 52	0 32	23 11	0 7	17 46	2 0	10 55	0 32	3 27	1 7	2 33	16 46	21 35	21 26	14 57	17 39	5 43	T 28
F 29	23 15	10 2	2 57	20 9	3 5	21 51	1 32	23 54	0 32	23 11	0 7	17 48	2 0	10 55	0 32	3 27	1 7	2 33	16 46	21 35	21 27	14 54	17 39	5 43	F 29
S 30	23 12	5 5	3 47	20 7	3 6	21 36	1 33	23 56	0 33	23 10	0 7	17 49	2 0	10 55	0 32	3 27	1 7	2 33	16 46	21 34	21 27	14 51	17 39	5 43	S 30
S 31	23s 8	0s 5	4s28	20s 7	3n 5	21s21	1s34	23s57	0s33	23s10	0n 6	17s50	2n 0	10n54	0s32	3n27	1n 7	2s33	16s45	21s34	21s28	14n49	17s38	5n43	S 31

Julian Day Number = 2489133.5, Delta T = 94.55 sec
Ecliptic obliquity = 23°25'37, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°10'41, Lahiri = 25°17'42

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ASTRODIENST EPHEMERIS for the year 2103
geocentric

JANUARY 2103 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 40 6	9♑51'48	1♎56	21°R45	2♒43	28♐10	6♑38	28♏29	29°R48	23°R54	5°R19	22♑24	22♑57	14♌13	4♑28	M 1
T 2	6 44 3	10°52'57	14°17	21°D43	3°58	28°55	6°52	28°35	29♈48	23♍54	5♉19	22°R24	22°54	14°19	4°35	T 2
W 3	6 47 59	11°54'06	26°57	21♐50	5°13	29°39	7° 6	28°41	29°48	23°54	5°19	22°24	22°51	14°26	4°41	W 3
T 4	6 51 56	12°55'16	10♏ 0	22° 5	6°28	0♑24	7°19	28°46	29°47	23°54	5°18	22°23	22°48	14°33	4°47	T 4
F 5	6 55 52	13°56'26	23°30	22°28	7°43	1° 9	7°33	28°52	29°47	23°53	5°18	22°22	22°45	14°39	4°54	F 5
S 6	6 59 49	14°57'37	7♐27	22°58	8°58	1°53	7°47	28°58	29°47	23°53	5°18	22°21	22°42	14°46	5° 0	S 6
S 7	7 3 46	15°58'47	21°49	23°34	10°12	2°38	8° 1	29° 3	29°47	23°53	5°17	22°20	22°38	14°53	5° 7	S 7
M 8	7 7 42	16°59'58	6♑33	24°16	11°27	3°23	8°14	29° 9	29°D47	23°52	5°17	22°19	22°35	14°59	5°13	M 8
T 9	7 11 39	18° 1'09	21°32	25° 3	12°42	4° 8	8°28	29°15	29°47	23°52	5°17	22°D19	22°32	15° 6	5°19	T 9
W10	7 15 35	19° 2'20	6♒38	25°54	13°57	4°53	8°42	29°20	29°47	23°51	5°17	22°19	22°29	15°13	5°26	W10
T 11	7 19 32	20° 3'30	21°41	26°49	15°11	5°37	8°56	29°25	29°47	23°51	5°17	22°19	22°26	15°19	5°32	T 11
F 12	7 23 28	21° 4'40	6♓33	27°47	16°26	6°22	9° 9	29°31	29°47	23°50	5°16	22°20	22°22	15°26	5°38	F 12
S 13	7 27 25	22° 5'49	21° 7	28°49	17°41	7° 7	9°23	29°36	29°47	23°50	5°16	22°R20	22°19	15°33	5°45	S 13
S 14	7 31 21	23° 6'58	5♈20	29°54	18°55	7°52	9°37	29°41	29°48	23°49	5°16	22°20	22°16	15°39	5°51	S 14
M15	7 35 18	24° 8'06	19°10	1♉ 1	20°10	8°37	9°50	29°46	29°48	23°49	5°16	22°D20	22°13	15°46	5°57	M15
T 16	7 39 15	25° 9'14	2♉36	2°11	21°24	9°23	10° 4	29°52	29°48	23°48	5°16	22°20	22°10	15°53	6° 3	T 16
W17	7 43 11	26°10'21	15°41	3°22	22°39	10° 8	10°17	29°57	29°49	23°47	5°16	22°20	22° 7	15°59	6°10	W17
T 18	7 47 8	27°11'27	28°27	4°36	23°53	10°53	10°31	0♐ 1	29°49	23°47	5°16	22°20	22° 3	16° 6	6°16	T 18
F 19	7 51 4	28°12'33	10♊57	5°51	25° 8	11°38	10°44	0° 6	29°50	23°46	5°D16	22°21	22° 0	16°13	6°22	F 19
S 20	7 55 1	29°13'38	23°14	7° 7	26°22	12°23	10°58	0°11	29°50	23°45	5°16	22°22	21°57	16°19	6°28	S 20
S 21	7 58 57	0♒14'42	5♋21	8°25	27°37	13° 9	11°11	0°16	29°51	23°44	5°16	22°22	21°54	16°26	6°34	S 21
M22	8 2 54	1°15'45	17°20	9°45	28°51	13°54	11°25	0°21	29°52	23°43	5°16	22°R23	21°51	16°33	6°40	M22
T 23	8 6 50	2°16'48	29°14	11° 5	0♓ 6	14°39	11°38	0°25	29°53	23°42	5°16	22°23	21°48	16°39	6°46	T 23
W24	8 10 47	3°17'50	11♌ 4	12°27	1°20	15°25	11°52	0°30	29°53	23°42	5°16	22°22	21°44	16°46	6°52	W24
T 25	8 14 44	4°18'52	22°53	13°50	2°34	16°10	12° 5	0°34	29°54	23°41	5°16	22°21	21°41	16°53	6°58	T 25
F 26	8 18 40	5°19'53	4♍42	15°13	3°48	16°56	12°18	0°38	29°55	23°40	5°16	22°19	21°38	16°59	7° 4	F 26
S 27	8 22 37	6°20'53	16°34	16°38	5° 3	17°41	12°31	0°43	29°56	23°39	5°16	22°17	21°35	17° 6	7°10	S 27
S 28	8 26 33	7°21'52	28°32	18° 3	6°17	18°27	12°45	0°47	29°57	23°38	5°17	22°14	21°32	17°13	7°16	S 28
M29	8 30 30	8°22'51	10♎39	19°30	7°31	19°12	12°58	0°51	29°58	23°37	5°17	22°12	21°28	17°19	7°21	M29
T 30	8 34 26	9°23'49	22°59	20°57	8°45	19°58	13°11	0°55	29°59	23°36	5°17	22°11	21°25	17°26	7°27	T 30
W31	8 38 23	10♒24'47	5♏35	22♑25	9♓59	20♑44	13♑24	0♐59	0♉ 0	23♍34	5♉17	22°D10	21♑22	17♌33	7♑33	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 4	5s19	4s57	20s 9	3n 2	21s 5	1s35	23s59	0s34	23s 9	0n 6	17s51	2n 0	10n54	0s32	3n27	1n 7	2s33	16s45	21s34	21s28	14n46	17s38	5n43
T 2	22 59	10 27	5 14	20 13	2 58	20 48	1 35	24 0	0 34	23 9	0 6	17 53	2 0	10 54	0 32	3 27	1 7	2 32	16 45	21 34	21 29	14 43	17 38	5 43
W 3	22 54	15 17	5 16	20 18	2 52	20 31	1 36	24 1	0 35	23 8	0 6	17 54	2 0	10 54	0 32	3 27	1 7	2 32	16 44	21 34	21 30	14 41	17 37	5 44
T 4	22 48	19 35	5 3	20 25	2 46	20 13	1 37	24 1	0 36	23 7	0 6	17 55	2 0	10 54	0 32	3 27	1 8	2 32	16 44	21 34	21 30	14 38	17 37	5 44
F 5	22 42	23 1	4 32	20 34	2 39	19 54	1 38	24 1	0 36	23 7	0 6	17 56	2 0	10 54	0 31	3 28	1 8	2 32	16 44	21 34	21 31	14 35	17 37	5 44
S 6	22 35	25 14	3 44	20 43	2 32	19 35	1 38	24 2	0 37	23 6	0 6	17 57	2 1	10 54	0 31	3 28	1 8	2 31	16 43	21 35	21 31	14 32	17 36	5 44
S 7	22 28	25 52	2 42	20 53	2 24	19 15	1 39	24 1	0 37	23 5	0 6	17 58	2 1	10 54	0 31	3 28	1 8	2 31	16 43	21 35	21 32	14 30	17 36	5 44
M 8	22 21	24 42	1 27	21 3	2 15	18 55	1 39	24 1	0 38	23 5	0 6	18 0	2 1	10 54	0 31	3 28	1 8	2 31	16 43	21 35	21 32	14 27	17 35	5 44
T 9	22 13	21 47	0 4	21 14	2 7	18 35	1 39	24 0	0 38	23 4	0 6	18 1	2 1	10 54	0 31	3 28	1 8	2 31	16 42	21 35	21 33	14 24	17 35	5 45
W10	22 5	17 20	1n19	21 24	1 58	18 13	1 39	23 59	0 39	23 3	0 6	18 2	2 1	10 54	0 31	3 29	1 8	2 30	16 42	21 35	21 33	14 22	17 34	5 45
T 11	21 56	11 48	2 36	21 35	1 49	17 52	1 40	23 58	0 40	23 2	0 5	18 3	2 1	10 54	0 31	3 29	1 8	2 30	16 42	21 35	21 34	14 19	17 34	5 45
F 12	21 47	5 40	3 42	21 45	1 39	17 29	1 40	23 56	0 40	23 1	0 5	18 4	2 1	10 54	0 31	3 29	1 8	2 30	16 41	21 35	21 34	14 16	17 34	5 45
S 13	21 37	0n39	4 32	21 55	1 30	17 7	1 40	23 55	0 41	23 0	0 5	18 5	2 1	10 54	0 31	3 29	1 8	2 30	16 41	21 35	21 35	14 13	17 33	5 45
S 14	21 27	6 46	5 4	22 5	1 21	16 43	1 40	23 53	0 41	23 0	0 5	18 6	2 1	10 54	0 31	3 30	1 8	2 29	16 41	21 35	21 35	14 11	17 33	5 46
M15	21 16	12 23	5 18	22 14	1 12	16 20	1 40	23 50	0 42	22 59	0 5	18 7	2 2	10 55	0 31	3 30	1 8	2 29	16 40	21 35	21 36	14 8	17 32	5 46
T 16	21 6	17 16	5 13	22 22	1 2	15 56	1 39	23 48	0 42	22 58	0 5	18 8	2 2	10 55	0 31	3 30	1 8	2 29	16 40	21 35	21 36	14 5	17 32	5 46
W17	20 54	21 11	4 52	22 30	0 53	15 31	1 39	23 45	0 43	22 57	0 5	18 9	2 2	10 55	0 31	3 30	1 8	2 28	16 40	21 35	21 37	14 3	17 31	5 46
T 18	20 43	23 59	4 17	22 36	0 44	15 6	1 39	23 42	0 43	22 56	0 5	18 10	2 2	10 55	0 31	3 31	1 8	2 28	16 39	21 35	21 37	14 0	17 31	5 47
F 19	20 31	25 33	3 31	22 42	0 35	14 41	1 38	23 39	0 44	22 55	0 5	18 10	2 2	10 55	0 31	3 31	1 8	2 28	16 39	21 34	21 38	13 57	17 30	5 47
S 20	20 18	25 50	2 35	22 47	0 27	14 15	1 38	23 35	0 45	22 54	0 5	18 11	2 2	10 56	0 31	3 32	1 8	2 27	16 39	21 34	21 38	13 54	17 29	5 47
S 21	20 5	24 52	1 33	22 51	0 18	13 49	1 37	23 32	0 45	22 53	0 5	18 12	2 2	10 56	0 31	3 32	1 8	2 27	16 38	21 34	21 39	13 52	17 29	5 47
M22	19 52	22 46	0 28	22 54	0 10	13 23	1 37	23 27	0 46	22 52	0 4	18 13	2 2	10 56	0 31	3 32	1 8	2 27	16 38	21 34	21 39	13 49	17 28	5 48
T 23	19 38	19 41	0s38	22 56	0 2	12 56	1 36	23 23	0 46	22 51	0 4	18 14	2 3	10 56	0 31	3 33	1 8	2 26	16 37	21 34	21 40	13 46	17 28	5 48
W24	19 25	15 48	1 42	22 57	0s 7	12 29	1 35	23 19	0 47	22 50	0 4	18 15	2 3	10 57	0 31	3 33	1 8	2 26	16 37	21 34	21 40	13 43	17 27	5 48
T 25	19 10	11 20	2 41	22 57	0 14	12 1	1 34	23 14	0 47	22 49	0 4	18 15	2 3	10 57	0 31	3 33	1 8	2 26	16 37	21 35	21 41	13 41	17 27	5 49
F 26	18 56	6 28	3 34	22 55	0 22	11 33	1 33	23 9	0 48	22 47	0 4	18 16	2 3	10 57	0 31	3 34	1 8	2 25	16 36	21 35	21 41	13 38	17 26	5 49
S 27	18 41	1 21	4 17	22 53	0 30	11 5	1 32	23 3	0 48	22 46	0 4	18 17	2 3	10 58	0 31	3 34	1 8	2 25	16 36	21 35	21 42	13 35	17 25	5 49
S 28	18 25	3s51	4 50	22 49	0 37	10 37	1 31	22 58	0 49	22 45	0 4	18 18	2 3	10 58	0 31	3 35	1 9	2 24	16 36	21 36	21 42	13 32	17 25	5 49
M29	18 10	8 58	5 10	22 44	0 44	10 8	1 30	22 52	0 49	22 44	0 4	18 18	2 3	10 59	0 31	3 35	1 9	2 24	16 35	21 36	21 43	13 30	17 24	5 50
T 30	17 54	13 49	5 16	22 38	0 51	9 39	1 29	22 46	0 50	22 43	0 4	18 19	2 4	10 59	0 31	3 36	1 9	2 24	16 35	21 36	21 43	13 27	17 23	5 50
W31	17s37	18s12	5s 8	22s30	0s57	9s10	1s27	22s39	0s50	22s42	0n 4	18s20	2n 4	10n59	0s31	3n36	1n 9	2s23	16s35	21s36	21s44	13n24	17s23	5n50

Julian Day Number = 2489164.5, Delta T = 94.59 sec
Ecliptic obliquity = 23°25'36, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°10'46, Lahiri = 25°17'46

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ASTRODIENST EPHEMERIS for the year 2103
geocentric

FEBRUARY 2103 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 42 19	11♒25'44	18♏31	23♑54	11♓13	21♑29	13♑37	1♐ 3	0♉ 1	23°R33	5♉17	22♑10	21♑19	17♌39	7♑39	T 1
F 2	8 46 16	12°26'41	1♐50	25°23	12°27	22°15	13°50	1° 6	0° 3	23♍32	5°18	22°11	21°16	17°46	7°44	F 2
S 3	8 50 13	13°27'36	15°35	26°54	13°41	23° 1	14° 3	1°10	0° 4	23°31	5°18	22°12	21°13	17°53	7°50	S 3
S 4	8 54 9	14°28'31	29°48	28°25	14°55	23°47	14°16	1°14	0° 5	23°30	5°18	22°14	21° 9	17°59	7°56	S 4
M 5	8 58 6	15°29'26	14♑25	29°57	16° 9	24°33	14°29	1°17	0° 7	23°29	5°19	22°15	21° 6	18° 6	8° 1	M 5
T 6	9 2 2	16°30'19	29°24	1♒29	17°23	25°19	14°42	1°21	0° 8	23°27	5°19	22°R15	21° 3	18°13	8° 7	T 6
W 7	9 5 59	17°31'11	14♒36	3° 3	18°36	26° 4	14°54	1°24	0°10	23°26	5°20	22°13	21° 0	18°19	8°12	W 7
T 8	9 9 55	18°32'02	29°52	4°37	19°50	26°50	15° 7	1°27	0°11	23°25	5°20	22°11	20°57	18°26	8°17	T 8
F 9	9 13 52	19°32'52	15♓ 1	6°12	21° 4	27°36	15°20	1°30	0°13	23°24	5°20	22° 7	20°54	18°32	8°23	F 9
S 10	9 17 48	20°33'40	29°55	7°47	22°17	28°22	15°32	1°33	0°14	23°22	5°21	22° 3	20°50	18°39	8°28	S 10
S 11	9 21 45	21°34'27	14♈25	9°23	23°31	29° 8	15°45	1°36	0°16	23°21	5°21	21°59	20°47	18°46	8°33	S 11
M12	9 25 42	22°35'13	28°28	11° 1	24°45	29°54	15°57	1°39	0°18	23°20	5°22	21°56	20°44	18°52	8°38	M12
T 13	9 29 38	23°35'57	12♉ 2	12°39	25°58	0♒41	16°10	1°42	0°19	23°18	5°22	21°54	20°41	18°59	8°43	T 13
W14	9 33 35	24°36'39	25° 9	14°17	27°11	1°27	16°22	1°45	0°21	23°17	5°23	21°D53	20°38	19° 6	8°49	W14
T 15	9 37 31	25°37'20	7♊52	15°57	28°25	2°13	16°34	1°47	0°23	23°15	5°23	21°54	20°34	19°12	8°54	T 15
F 16	9 41 28	26°37'59	20°16	17°37	29°38	2°59	16°46	1°50	0°25	23°14	5°24	21°55	20°31	19°19	8°59	F 16
S 17	9 45 24	27°38'36	2♋24	19°19	0♈51	3°45	16°58	1°52	0°27	23°12	5°25	21°57	20°28	19°26	9° 3	S 17
S 18	9 49 21	28°39'12	14°22	21° 1	2° 4	4°31	17°10	1°54	0°29	23°11	5°25	21°58	20°25	19°32	9° 8	S 18
M19	9 53 17	29°39'46	26°14	22°44	3°18	5°18	17°22	1°57	0°31	23° 9	5°26	21°R58	20°22	19°39	9°13	M19
T 20	9 57 14	0♓40'18	8♌ 2	24°28	4°31	6° 4	17°34	1°59	0°33	23° 8	5°27	21°57	20°19	19°46	9°18	T 20
W21	10 1 11	1°40'49	19°50	26°12	5°43	6°50	17°46	2° 1	0°35	23° 6	5°27	21°54	20°15	19°52	9°22	W21
T 22	10 5 7	2°41'18	1♍40	27°58	6°56	7°36	17°58	2° 3	0°37	23° 5	5°28	21°48	20°12	19°59	9°27	T 22
F 23	10 9 4	3°41'45	13°34	29°45	8° 9	8°23	18°10	2° 4	0°39	23° 3	5°29	21°41	20° 9	20° 6	9°32	F 23
S 24	10 13 0	4°42'11	25°34	1♓32	9°22	9° 9	18°21	2° 6	0°42	23° 2	5°29	21°33	20° 6	20°12	9°36	S 24
S 25	10 16 57	5°42'35	7♎40	3°21	10°35	9°55	18°33	2° 8	0°44	23° 0	5°30	21°24	20° 3	20°19	9°41	S 25
M26	10 20 53	6°42'58	19°55	5°10	11°47	10°42	18°44	2° 9	0°46	22°59	5°31	21°16	20° 0	20°26	9°45	M26
T 27	10 24 50	7°43'20	2♏21	7° 1	13° 0	11°28	18°55	2°11	0°49	22°57	5°32	21° 9	19°56	20°32	9°49	T 27
W28	10 28 46	8♓43'40	15♏ 0	8♓52	14♈12	12♒15	19♑ 7	2♐12	0♉51	22♍55	5♉33	21♑ 4	19♑53	20♌39	9♑53	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s21	21s52	4s43	22s21	1s 3	8s41	1s26	22s33	0s51	22s40	0n 4	18s20	2n 4	11n 0	0s31	3n37	1n 9	2s23	16s34	21s36	21s44	13n21	17s22	5n51
F 2	17 4	24 30	4 4	22 11	1 10	8 11	1 24	22 26	0 51	22 39	0 3	18 21	2 4	11 0	0 31	3 37	1 9	2 22	16 34	21 36	21 45	13 18	17 21	5 51
S 3	16 46	25 47	3 9	22 0	1 15	7 41	1 23	22 19	0 52	22 38	0 3	18 21	2 4	11 1	0 31	3 38	1 9	2 22	16 34	21 36	21 45	13 16	17 21	5 52
S 4	16 29	25 26	2 1	21 47	1 21	7 11	1 21	22 12	0 52	22 37	0 3	18 22	2 4	11 1	0 30	3 38	1 9	2 22	16 33	21 36	21 46	13 13	17 20	5 52
M 5	16 11	23 22	0 43	21 33	1 26	6 41	1 19	22 4	0 53	22 35	0 3	18 23	2 4	11 2	0 30	3 39	1 9	2 21	16 33	21 35	21 46	13 10	17 19	5 52
T 6	15 53	19 38	0n39	21 18	1 31	6 11	1 18	21 56	0 53	22 34	0 3	18 23	2 5	11 2	0 30	3 39	1 9	2 21	16 32	21 35	21 47	13 7	17 19	5 53
W 7	15 34	14 32	2 0	21 1	1 36	5 40	1 16	21 48	0 54	22 33	0 3	18 24	2 5	11 3	0 30	3 40	1 9	2 20	16 32	21 36	21 47	13 5	17 18	5 53
T 8	15 16	8 31	3 12	20 43	1 40	5 9	1 14	21 40	0 54	22 31	0 3	18 24	2 5	11 3	0 30	3 40	1 9	2 20	16 32	21 36	21 48	13 2	17 17	5 53
F 9	14 57	2 3	4 11	20 24	1 44	4 39	1 12	21 31	0 55	22 30	0 3	18 25	2 5	11 4	0 30	3 41	1 9	2 19	16 31	21 37	21 48	12 59	17 17	5 54
S 10	14 38	4n24	4 51	20 3	1 48	4 8	1 10	21 23	0 55	22 29	0 3	18 25	2 5	11 5	0 30	3 41	1 9	2 19	16 31	21 37	21 49	12 56	17 16	5 54
S 11	14 18	10 27	5 11	19 41	1 51	3 37	1 8	21 14	0 56	22 27	0 3	18 25	2 5	11 5	0 30	3 42	1 9	2 18	16 31	21 38	21 49	12 54	17 15	5 55
M12	13 59	15 46	5 11	19 18	1 55	3 5	1 5	21 4	0 56	22 26	0 2	18 26	2 6	11 6	0 30	3 42	1 9	2 18	16 30	21 39	21 50	12 51	17 14	5 55
T 13	13 39	20 6	4 54	18 53	1 57	2 34	1 3	20 55	0 57	22 25	0 2	18 26	2 6	11 7	0 30	3 43	1 9	2 17	16 30	21 39	21 50	12 48	17 14	5 56
W14	13 19	23 17	4 22	18 27	2 0	2 3	1 1	20 45	0 57	22 23	0 2	18 27	2 6	11 7	0 30	3 43	1 9	2 17	16 30	21 39	21 51	12 45	17 13	5 56
T 15	12 58	25 12	3 38	17 59	2 2	1 32	0 58	20 35	0 58	22 22	0 2	18 27	2 6	11 8	0 30	3 44	1 9	2 16	16 29	21 39	21 51	12 42	17 12	5 56
F 16	12 38	25 49	2 45	17 30	2 4	1 0	0 56	20 25	0 58	22 20	0 2	18 27	2 6	11 9	0 30	3 45	1 9	2 16	16 29	21 39	21 52	12 40	17 11	5 57
S 17	12 17	25 9	1 45	17 0	2 5	0 29	0 53	20 15	0 58	22 19	0 2	18 28	2 6	11 9	0 30	3 45	1 9	2 15	16 29	21 38	21 52	12 37	17 10	5 57
S 18	11 56	23 20	0 41	16 28	2 6	0n 3	0 51	20 4	0 59	22 18	0 2	18 28	2 7	11 10	0 30	3 46	1 9	2 15	16 28	21 38	21 53	12 34	17 10	5 58
M19	11 35	20 31	0s23	15 55	2 6	0 34	0 48	19 54	0 59	22 16	0 2	18 28	2 7	11 11	0 30	3 46	1 9	2 14	16 28	21 38	21 53	12 31	17 9	5 58
T 20	11 14	16 51	1 26	15 21	2 7	1 6	0 46	19 43	1 0	22 15	0 2	18 28	2 7	11 11	0 30	3 47	1 9	2 14	16 28	21 38	21 54	12 28	17 8	5 59
W21	10 52	12 33	2 26	14 45	2 6	1 37	0 43	19 32	1 0	22 13	0 2	18 29	2 7	11 12	0 30	3 48	1 9	2 13	16 27	21 39	21 54	12 26	17 7	5 59
T 22	10 31	7 47	3 19	14 8	2 5	2 9	0 40	19 20	1 1	22 12	0 2	18 29	2 7	11 13	0 30	3 48	1 9	2 13	16 27	21 40	21 54	12 23	17 7	6 0
F 23	10 9	2 43	4 3	13 30	2 4	2 40	0 37	19 9	1 1	22 10	0 1	18 29	2 8	11 14	0 30	3 49	1 9	2 12	16 27	21 41	21 55	12 20	17 6	6 0
S 24	9 47	2s29	4 37	12 50	2 3	3 11	0 34	18 57	1 1	22 9	0 1	18 29	2 8	11 15	0 30	3 50	1 9	2 12	16 26	21 42	21 55	12 17	17 5	6 1
S 25	9 25	7 38	4 59	12 9	2 0	3 42	0 31	18 45	1 2	22 7	0 1	18 29	2 8	11 15	0 30	3 50	1 9	2 11	16 26	21 44	21 56	12 14	17 4	6 1
M26	9 3	12 32	5 8	11 26	1 58	4 14	0 28	18 33	1 2	22 6	0 1	18 29	2 8	11 16	0 30	3 51	1 9	2 11	16 26	21 45	21 56	12 12	17 3	6 2
T 27	8 40	17 1	5 2	10 42	1 54	4 45	0 25	18 20	1 3	22 4	0 1	18 29	2 8	11 17	0 30	3 52	1 9	2 10	16 26	21 46	21 57	12 9	17 3	6 2
W28	8s18	20s49	4s42	9s57	1s51	5n16	0s22	18s 8	1s 3	22s 3	0n 1	18s30	2n 8	11n18	0s30	3n52	1n 9	2s10	16s25	21s47	21s57	12n 6	17s 2	6n 3

Julian Day Number = 2489195.5, Delta T = 94.63 sec
Ecliptic obliquity = 23°25'36, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°10'50, Lahiri = 25°17'50

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ASTRODIENST EPHEMERIS for the year 2103
geocentric

MARCH 2103 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 32 43	9♓43'58	27♏55	10♓44	15♈24	13♒ 1	19♑18	2♐13	0♉53	22°R54	5♉33	21°R 1	19♑50	20♌46	9♑58	T 1
F 2	10 36 40	10°44'16	11♐ 8	12°37	16°37	13°48	19°29	2°14	0°56	22♍52	5°34	21°D 1	19°47	20°52	10° 2	F 2
S 3	10 40 36	11°44'31	24°42	14°30	17°49	14°34	19°40	2°15	0°58	22°51	5°35	21♑ 1	19°44	20°59	10° 6	S 3
S 4	10 44 33	12°44'46	8♑39	16°25	19° 1	15°21	19°51	2°16	1° 1	22°49	5°36	21° 2	19°40	21° 6	10°10	S 4
M 5	10 48 29	13°44'59	23° 0	18°20	20°13	16° 7	20° 2	2°17	1° 3	22°47	5°37	21°R 3	19°37	21°12	10°14	M 5
T 6	10 52 26	14°45'10	7♒43	20°15	21°25	16°54	20°12	2°18	1° 6	22°46	5°38	21° 2	19°34	21°19	10°17	T 6
W 7	10 56 22	15°45'20	22°43	22°11	22°37	17°40	20°23	2°18	1° 9	22°44	5°39	20°58	19°31	21°26	10°21	W 7
T 8	11 0 19	16°45'27	7♓52	24° 7	23°49	18°27	20°33	2°19	1°11	22°42	5°40	20°52	19°28	21°32	10°25	T 8
F 9	11 4 15	17°45'34	23° 1	26° 3	25° 0	19°14	20°44	2°19	1°14	22°41	5°41	20°44	19°25	21°39	10°28	F 9
S 10	11 8 12	18°45'38	7♈59	27°59	26°12	20° 0	20°54	2°20	1°17	22°39	5°42	20°35	19°21	21°46	10°32	S 10
S 11	11 12 9	19°45'40	22°38	29°54	27°24	20°47	21° 4	2°20	1°19	22°37	5°43	20°26	19°18	21°52	10°35	S 11
M12	11 16 5	20°45'40	6♉51	1♈48	28°35	21°34	21°14	2°R20	1°22	22°36	5°44	20°17	19°15	21°59	10°39	M12
T 13	11 20 2	21°45'38	20°34	3°42	29°46	22°20	21°24	2°20	1°25	22°34	5°45	20°11	19°12	22° 6	10°42	T 13
W14	11 23 58	22°45'34	3♊48	5°33	0♉58	23° 7	21°34	2°20	1°28	22°32	5°46	20° 7	19° 9	22°12	10°45	W14
T 15	11 27 55	23°45'28	16°36	7°23	2° 9	23°53	21°44	2°19	1°31	22°31	5°47	20° 5	19° 5	22°19	10°48	T 15
F 16	11 31 51	24°45'19	29° 1	9°11	3°20	24°40	21°54	2°19	1°34	22°29	5°48	20°D 5	19° 2	22°26	10°51	F 16
S 17	11 35 48	25°45'09	11♋ 8	10°55	4°31	25°27	22° 3	2°19	1°37	22°27	5°49	20° 6	18°59	22°32	10°54	S 17
S 18	11 39 44	26°44'56	23° 4	12°36	5°41	26°14	22°13	2°18	1°39	22°26	5°50	20°R 6	18°56	22°39	10°57	S 18
M19	11 43 41	27°44'41	4♌53	14°14	6°52	27° 0	22°22	2°18	1°42	22°24	5°51	20° 5	18°53	22°46	11° 0	M19
T 20	11 47 38	28°44'23	16°40	15°47	8° 3	27°47	22°31	2°17	1°45	22°22	5°52	20° 1	18°50	22°52	11° 3	T 20
W21	11 51 34	29°44'04	28°29	17°15	9°13	28°34	22°40	2°16	1°48	22°21	5°53	19°55	18°46	22°59	11° 6	W21
T 22	11 55 31	0♈43'42	10♍23	18°38	10°23	29°20	22°49	2°15	1°52	22°19	5°55	19°46	18°43	23° 6	11° 8	T 22
F 23	11 59 27	1°43'18	22°24	19°56	11°34	0♓ 7	22°58	2°14	1°55	22°18	5°56	19°35	18°40	23°12	11°11	F 23
S 24	12 3 24	2°42'52	4♎34	21° 7	12°44	0°54	23° 7	2°13	1°58	22°16	5°57	19°22	18°37	23°19	11°13	S 24
S 25	12 7 20	3°42'24	16°53	22°12	13°54	1°41	23°15	2°12	2° 1	22°14	5°58	19° 9	18°34	23°26	11°15	S 25
M26	12 11 17	4°41'54	29°23	23°10	15° 3	2°27	23°24	2°10	2° 4	22°13	5°59	18°56	18°31	23°32	11°18	M26
T 27	12 15 13	5°41'23	12♏ 3	24° 1	16°13	3°14	23°32	2° 9	2° 7	22°11	6° 0	18°45	18°27	23°39	11°20	T 27
W28	12 19 10	6°40'49	24°55	24°45	17°23	4° 1	23°40	2° 7	2°10	22° 9	6° 2	18°37	18°24	23°46	11°22	W28
T 29	12 23 6	7°40'14	7♐59	25°21	18°32	4°47	23°48	2° 6	2°13	22° 8	6° 3	18°31	18°21	23°52	11°24	T 29
F 30	12 27 3	8°39'37	21°16	25°50	19°41	5°34	23°56	2° 4	2°17	22° 6	6° 4	18°28	18°18	23°59	11°26	F 30
S 31	12 31 0	9♈38'58	4♑48	26♈11	20♉50	6♓21	24♑ 4	2♐ 2	2♉20	22♍ 5	6♉ 5	18♑27	18♑15	24♌ 6	11♑28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	7s55	23s42	4s 7	9s11	1s46	5n47	0s19	17s55	1s 3	22s 2	0n 1	18s30	2n 9	11n19	0s30	3n53	1n 9	2s 9	16s25	21s47	21s58	12n 3	17s 1	6n 3	T 1
F 2	7 32	25 22	3 18	8 23	1 42	6 17	0 15	17 42	1 4	22 0	0 1	18 30	2 9	11 20	0 30	3 54	1 9	2 9	16 25	21 47	21 58	12 0	17 0	6 4	F 2
S 3	7 9	25 36	2 17	7 35	1 36	6 48	0 12	17 29	1 4	21 59	0 1	18 30	2 9	11 21	0 30	3 54	1 9	2 8	16 24	21 47	21 59	11 57	16 59	6 4	S 3
S 4	6 46	24 15	1 6	6 45	1 30	7 19	0 9	17 15	1 5	21 57	0 1	18 30	2 9	11 21	0 30	3 55	1 10	2 7	16 24	21 47	21 59	11 55	16 58	6 5	S 4
M 5	6 23	21 18	0n11	5 54	1 24	7 49	0 5	17 2	1 5	21 56	0 0	18 30	2 9	11 22	0 30	3 55	1 10	2 7	16 24	21 47	22 0	11 52	16 58	6 5	M 5
T 6	6 0	16 54	1 28	5 2	1 17	8 19	0 2	16 48	1 5	21 54	0 0	18 30	2 9	11 23	0 30	3 56	1 10	2 6	16 23	21 47	22 0	11 49	16 57	6 6	T 6
W 7	5 37	11 24	2 41	4 9	1 9	8 49	0n 1	16 34	1 6	21 53	0 0	18 30	2 10	11 24	0 30	3 57	1 10	2 6	16 23	21 48	22 0	11 46	16 56	6 7	W 7
T 8	5 14	5 9	3 44	3 16	1 1	9 19	0 5	16 20	1 6	21 51	0 0	18 29	2 10	11 25	0 30	3 57	1 10	2 5	16 23	21 48	22 1	11 43	16 55	6 7	T 8
F 9	4 50	1n22	4 30	2 22	0 52	9 48	0 8	16 6	1 6	21 50	0 0	18 29	2 10	11 26	0 30	3 58	1 10	2 5	16 23	21 50	22 1	11 41	16 54	6 8	F 9
S 10	4 27	7 43	4 58	1 27	0 42	10 18	0 12	15 52	1 7	21 48	0s 0	18 29	2 10	11 27	0 30	3 59	1 10	2 4	16 22	21 51	22 2	11 38	16 53	6 8	S 10
S 11	4 3	13 31	5 5	0 32	0 32	10 47	0 15	15 37	1 7	21 47	0 0	18 29	2 10	11 28	0 30	3 59	1 10	2 4	16 22	21 52	22 2	11 35	16 53	6 9	S 11
M12	3 40	18 23	4 52	0n23	0 22	11 16	0 19	15 22	1 7	21 45	0 0	18 29	2 11	11 29	0 29	4 0	1 10	2 3	16 22	21 54	22 3	11 32	16 52	6 9	M12
T 13	3 16	22 7	4 24	1 18	0 11	11 44	0 23	15 8	1 8	21 44	0 0	18 29	2 11	11 30	0 29	4 1	1 10	2 2	16 22	21 55	22 3	11 29	16 51	6 10	T 13
W14	2 52	24 31	3 41	2 13	0n 1	12 13	0 26	14 53	1 8	21 42	0 0	18 29	2 11	11 31	0 29	4 1	1 10	2 2	16 21	21 55	22 4	11 26	16 50	6 11	W14
T 15	2 29	25 33	2 49	3 8	0 13	12 41	0 30	14 38	1 8	21 41	0 1	18 28	2 11	11 32	0 29	4 2	1 10	2 1	16 21	21 56	22 4	11 24	16 49	6 11	T 15
F 16	2 5	25 16	1 50	4 1	0 25	13 9	0 34	14 22	1 9	21 40	0 1	18 28	2 11	11 33	0 29	4 3	1 10	2 1	16 21	21 56	22 5	11 21	16 48	6 12	F 16
S 17	1 41	23 45	0 48	4 54	0 38	13 36	0 37	14 7	1 9	21 38	0 1	18 28	2 11	11 34	0 29	4 3	1 10	2 0	16 21	21 55	22 5	11 18	16 48	6 12	S 17
S 18	1 18	21 12	0s16	5 45	0 50	14 3	0 41	13 51	1 9	21 37	0 1	18 28	2 12	11 35	0 29	4 4	1 10	2 0	16 20	21 55	22 5	11 15	16 47	6 13	S 18
M19	0 54	17 46	1 18	6 35	1 3	14 30	0 45	13 36	1 10	21 35	0 1	18 27	2 12	11 36	0 29	4 5	1 10	1 59	16 20	21 56	22 6	11 12	16 46	6 14	M19
T 20	0 30	13 40	2 16	7 23	1 16	14 57	0 49	13 20	1 10	21 34	0 1	18 27	2 12	11 37	0 29	4 5	1 10	1 59	16 20	21 56	22 6	11 9	16 45	6 14	T 20
W21	0 6	9 2	3 9	8 8	1 29	15 23	0 52	13 4	1 10	21 33	0 1	18 27	2 12	11 38	0 29	4 6	1 10	1 58	16 20	21 57	22 7	11 6	16 44	6 15	W21
T 22	0n17	4 4	3 54	8 52	1 41	15 49	0 56	12 48	1 10	21 31	0 1	18 26	2 12	11 39	0 29	4 7	1 10	1 57	16 20	21 58	22 7	11 4	16 43	6 15	T 22
F 23	0 41	1s 6	4 28	9 33	1 54	16 14	1 0	12 32	1 11	21 30	0 1	18 26	2 12	11 40	0 29	4 7	1 10	1 57	16 19	22 0	22 8	11 1	16 43	6 16	F 23
S 24	1 5	6 16	4 51	10 10	2 6	16 39	1 3	12 15	1 11	21 28	0 2	18 26	2 13	11 42	0 29	4 8	1 10	1 56	16 19	22 2	22 8	10 58	16 42	6 17	S 24
S 25	1 28	11 15	5 1	10 45	2 17	17 4	1 7	11 59	1 11	21 27	0 2	18 25	2 13	11 43	0 29	4 9	1 10	1 56	16 19	22 4	22 8	10 55	16 41	6 17	S 25
M26	1 52	15 51	4 56	11 17	2 28	17 28	1 11	11 42	1 11	21 26	0 2	18 25	2 13	11 44	0 29	4 9	1 10	1 55	16 19	22 5	22 9	10 52	16 40	6 18	M26
T 27	2 16	19 50	4 37	11 45	2 38	17 52	1 15	11 26	1 12	21 24	0 2	18 24	2 13	11 45	0 29	4 10	1 10	1 55	16 19	22 7	22 9	10 49	16 39	6 19	T 27
W28	2 39	22 55	4 3	12 10	2 47	18 16	1 18	11 9	1 12	21 23	0 2	18 24	2 13	11 46	0 29	4 11	1 10	1 54	16 18	22 8	22 10	10 46	16 39	6 19	W28
T 29	3 3	24 52	3 17	12 31	2 55	18 39	1 22	10 52	1 12	21 22	0 2	18 24	2 13	11 47	0 29	4 11	1 10	1 54	16 18	22 9	22 10	10 44	16 38	6 20	T 29
F 30	3 26	25 27	2 19	12 48	3 2	19 1	1 26	10 35	1 12	21 21	0 2	18 23	2 13	11 48	0 29	4 12	1 10	1 53	16 18	22 9	22 11	10 41	16 37	6 20	F 30
S 31	3n49	24s32	1s12	13n 2	3n 8	19n24	1n30	10s18	1s12	21s19	0s 2	18s23	2n14	11n49	0s29	4n13	1n10	1s52	16s18	22s 9	22s11	10n38	16s36	6n21	S 31

Julian Day Number = 2489223.5, Delta T = 94.66 sec
Ecliptic obliquity = 23°25'37, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°10'54, Lahiri = 25°17'54

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ASTRODIENST EPHEMERIS for the year 2103
geocentric

APRIL 2103 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 34 56	10♈38'17	18♑37	26♈25	21♉59	7♓ 8	24♑12	2°R 0	2♉23	22°R 3	6♉ 7	18°R27	18♑11	24♌12	11♑29	S 1
M 2	12 38 53	11°37'35	2♒44	26°R31	23° 8	7°54	24°19	1♐59	2°26	22♍ 2	6° 8	18♑27	18° 8	24°19	11°31	M 2
T 3	12 42 49	12°36'51	17° 7	26°30	24°17	8°41	24°27	1°56	2°30	22° 0	6° 9	18°25	18° 5	24°26	11°33	T 3
W 4	12 46 46	13°36'05	1♓46	26°22	25°25	9°28	24°34	1°54	2°33	21°58	6°10	18°20	18° 2	24°32	11°34	W 4
T 5	12 50 42	14°35'17	16°34	26° 7	26°34	10°15	24°41	1°52	2°36	21°57	6°12	18°12	17°59	24°39	11°36	T 5
F 6	12 54 39	15°34'28	1♈25	25°46	27°42	11° 1	24°48	1°50	2°40	21°55	6°13	18° 2	17°56	24°46	11°37	F 6
S 7	12 58 35	16°33'36	16°10	25°19	28°50	11°48	24°55	1°47	2°43	21°54	6°14	17°51	17°52	24°52	11°38	S 7
S 8	13 2 32	17°32'42	0♉40	24°47	29°58	12°35	25° 1	1°45	2°46	21°52	6°16	17°39	17°49	24°59	11°39	S 8
M 9	13 6 29	18°31'47	14°50	24°11	1♊ 6	13°22	25° 8	1°42	2°50	21°51	6°17	17°28	17°46	25° 6	11°40	M 9
T 10	13 10 25	19°30'49	28°34	23°31	2°13	14° 8	25°14	1°40	2°53	21°50	6°18	17°19	17°43	25°13	11°41	T 10
W11	13 14 22	20°29'49	11♊51	22°48	3°21	14°55	25°20	1°37	2°56	21°48	6°20	17°13	17°40	25°19	11°42	W11
T 12	13 18 18	21°28'47	24°42	22° 3	4°28	15°42	25°26	1°34	3° 0	21°47	6°21	17° 9	17°37	25°26	11°43	T 12
F 13	13 22 15	22°27'42	7♋10	21°17	5°35	16°28	25°32	1°31	3° 3	21°45	6°22	17° 8	17°33	25°33	11°44	F 13
S 14	13 26 11	23°26'35	19°21	20°31	6°42	17°15	25°38	1°28	3° 7	21°44	6°24	17° 8	17°30	25°39	11°44	S 14
S 15	13 30 8	24°25'26	1♌18	19°46	7°48	18° 1	25°43	1°25	3°10	21°43	6°25	17° 8	17°27	25°46	11°45	S 15
M16	13 34 4	25°24'15	13° 9	19° 2	8°55	18°48	25°49	1°22	3°13	21°41	6°26	17° 7	17°24	25°53	11°45	M16
T 17	13 38 1	26°23'01	24°57	18°20	10° 1	19°35	25°54	1°19	3°17	21°40	6°28	17° 4	17°21	25°59	11°46	T 17
W18	13 41 58	27°21'45	6♍48	17°42	11° 7	20°21	25°59	1°15	3°20	21°39	6°29	16°58	17°17	26° 6	11°46	W18
T 19	13 45 54	28°20'27	18°47	17° 7	12°12	21° 8	26° 4	1°12	3°24	21°37	6°30	16°50	17°14	26°13	11°46	T 19
F 20	13 49 51	29°19'07	0♎55	16°35	13°18	21°54	26° 9	1° 9	3°27	21°36	6°32	16°39	17°11	26°19	11°R46	F 20
S 21	13 53 47	0♉17'45	13°16	16° 9	14°23	22°41	26°13	1° 5	3°31	21°35	6°33	16°27	17° 8	26°26	11°46	S 21
S 22	13 57 44	1°16'20	25°49	15°47	15°28	23°27	26°18	1° 2	3°34	21°34	6°35	16°14	17° 5	26°33	11°46	S 22
M23	14 1 40	2°14'54	8♏37	15°29	16°33	24°14	26°22	0°58	3°38	21°33	6°36	16° 2	17° 2	26°39	11°46	M23
T 24	14 5 37	3°13'26	21°37	15°17	17°37	25° 0	26°26	0°55	3°41	21°31	6°37	15°51	16°58	26°46	11°45	T 24
W25	14 9 33	4°11'56	4♐49	15°10	18°42	25°47	26°30	0°51	3°44	21°30	6°39	15°43	16°55	26°53	11°45	W25
T 26	14 13 30	5°10'25	18°12	15°D 8	19°46	26°33	26°33	0°47	3°48	21°29	6°40	15°37	16°52	26°59	11°45	T 26
F 27	14 17 27	6° 8'52	1♑45	15°11	20°49	27°20	26°37	0°43	3°51	21°28	6°41	15°34	16°49	27° 6	11°44	F 27
S 28	14 21 23	7° 7'17	15°27	15°18	21°53	28° 6	26°40	0°39	3°55	21°27	6°43	15°D34	16°46	27°13	11°43	S 28
S 29	14 25 20	8° 5'41	29°20	15°31	22°56	28°53	26°43	0°35	3°58	21°26	6°44	15°34	16°42	27°19	11°43	S 29
M30	14 29 16	9♉ 4'03	13♒23	15♈48	23♊59	29♓39	26♑46	0♐31	4♉ 2	21♍25	6♉46	15°R34	16♑39	27♌26	11♑42	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n13	22s 7	0n 1	13n11	3n13	19n45	1n33	10s 1	1s13	21s18	0s 2	18s22	2n14	11n50	0s29	4n13	1n10	1s52	16s18	22s 9	22s12	10n35	16s35	6n22
M 2	4 36	18 20	1 15	13 17	3 16	20 7	1 37	9 44	1 13	21 17	0 3	18 22	2 14	11 52	0 29	4 14	1 10	1 51	16 18	22 9	22 12	10 32	16 35	6 22
T 3	4 59	13 23	2 25	13 18	3 18	20 27	1 40	9 26	1 13	21 16	0 3	18 21	2 14	11 53	0 29	4 14	1 10	1 51	16 17	22 10	22 12	10 29	16 34	6 23
W 4	5 22	7 37	3 27	13 15	3 19	20 47	1 44	9 9	1 13	21 15	0 3	18 20	2 14	11 54	0 29	4 15	1 10	1 50	16 17	22 10	22 13	10 26	16 33	6 24
T 5	5 45	1 22	4 16	13 9	3 17	21 7	1 48	8 51	1 13	21 14	0 3	18 20	2 14	11 55	0 29	4 16	1 10	1 50	16 17	22 11	22 13	10 24	16 32	6 24
F 6	6 8	4n58	4 48	12 58	3 15	21 26	1 51	8 34	1 14	21 12	0 3	18 19	2 14	11 56	0 29	4 16	1 10	1 49	16 17	22 13	22 14	10 21	16 32	6 25
S 7	6 30	10 58	5 0	12 44	3 10	21 45	1 55	8 16	1 14	21 11	0 3	18 19	2 15	11 57	0 29	4 17	1 10	1 49	16 17	22 14	22 14	10 18	16 31	6 26
S 8	6 53	16 16	4 53	12 27	3 4	22 3	1 58	7 58	1 14	21 10	0 3	18 18	2 15	11 58	0 29	4 17	1 10	1 48	16 17	22 16	22 14	10 15	16 30	6 26
M 9	7 16	20 32	4 27	12 6	2 56	22 21	2 2	7 41	1 14	21 9	0 3	18 17	2 15	12 0	0 29	4 18	1 10	1 48	16 17	22 17	22 15	10 12	16 29	6 27
T 10	7 38	23 31	3 47	11 43	2 47	22 38	2 5	7 23	1 14	21 8	0 4	18 17	2 15	12 1	0 29	4 18	1 10	1 47	16 16	22 18	22 15	10 9	16 29	6 28
W11	8 0	25 5	2 55	11 17	2 36	22 55	2 8	7 5	1 14	21 7	0 4	18 16	2 15	12 2	0 29	4 19	1 10	1 47	16 16	22 19	22 16	10 6	16 28	6 28
T 12	8 22	25 15	1 56	10 49	2 24	23 11	2 12	6 47	1 14	21 6	0 4	18 15	2 15	12 3	0 29	4 20	1 10	1 46	16 16	22 20	22 16	10 4	16 27	6 29
F 13	8 44	24 6	0 53	10 19	2 11	23 26	2 15	6 29	1 14	21 5	0 4	18 15	2 15	12 4	0 29	4 20	1 10	1 46	16 16	22 20	22 17	10 1	16 27	6 29
S 14	9 6	21 50	0s12	9 48	1 56	23 41	2 18	6 11	1 15	21 4	0 4	18 14	2 15	12 5	0 29	4 21	1 10	1 45	16 16	22 20	22 17	9 58	16 26	6 30
S 15	9 28	18 39	1 14	9 17	1 41	23 55	2 21	5 53	1 15	21 3	0 4	18 13	2 15	12 7	0 29	4 21	1 10	1 45	16 16	22 20	22 17	9 55	16 25	6 31
M16	9 49	14 44	2 13	8 46	1 25	24 9	2 24	5 34	1 15	21 3	0 4	18 13	2 16	12 8	0 29	4 22	1 10	1 44	16 16	22 20	22 18	9 52	16 24	6 31
T 17	10 11	10 16	3 6	8 15	1 9	24 22	2 27	5 16	1 15	21 2	0 4	18 12	2 16	12 9	0 29	4 22	1 10	1 44	16 16	22 20	22 18	9 49	16 24	6 32
W18	10 32	5 26	3 51	7 45	0 52	24 34	2 30	4 58	1 15	21 1	0 5	18 11	2 16	12 10	0 29	4 23	1 10	1 43	16 16	22 21	22 19	9 46	16 23	6 33
T 19	10 53	0 21	4 26	7 16	0 36	24 46	2 33	4 40	1 15	21 0	0 5	18 10	2 16	12 11	0 29	4 23	1 10	1 43	16 16	22 22	22 19	9 43	16 22	6 33
F 20	11 14	4s48	4 50	6 49	0 19	24 58	2 36	4 21	1 15	20 59	0 5	18 10	2 16	12 12	0 29	4 24	1 10	1 42	16 16	22 23	22 19	9 40	16 22	6 34
S 21	11 34	9 50	5 0	6 23	0 2	25 8	2 39	4 3	1 15	20 59	0 5	18 9	2 16	12 14	0 29	4 24	1 9	1 42	16 16	22 25	22 20	9 38	16 21	6 35
S 22	11 55	14 34	4 57	6 0	0s14	25 18	2 41	3 45	1 15	20 58	0 5	18 8	2 16	12 15	0 29	4 25	1 9	1 41	16 16	22 26	22 20	9 35	16 21	6 35
M23	12 15	18 45	4 38	5 38	0 29	25 28	2 44	3 26	1 15	20 57	0 5	18 7	2 16	12 16	0 29	4 25	1 9	1 41	16 15	22 28	22 21	9 32	16 20	6 36
T 24	12 35	22 6	4 5	5 20	0 45	25 37	2 46	3 8	1 15	20 57	0 5	18 6	2 16	12 17	0 29	4 25	1 9	1 40	16 15	22 29	22 21	9 29	16 19	6 37
W25	12 55	24 20	3 18	5 3	0 59	25 45	2 49	2 49	1 15	20 56	0 5	18 6	2 16	12 18	0 29	4 26	1 9	1 40	16 15	22 30	22 21	9 26	16 19	6 37
T 26	13 14	25 13	2 20	4 50	1 13	25 53	2 51	2 31	1 15	20 55	0 6	18 5	2 16	12 19	0 29	4 26	1 9	1 39	16 15	22 31	22 22	9 23	16 18	6 38
F 27	13 34	24 38	1 13	4 39	1 26	26 0	2 53	2 13	1 15	20 55	0 6	18 4	2 16	12 21	0 29	4 27	1 9	1 39	16 15	22 31	22 22	9 20	16 18	6 38
S 28	13 53	22 32	0 1	4 30	1 39	26 6	2 56	1 54	1 15	20 54	0 6	18 3	2 17	12 22	0 29	4 27	1 9	1 39	16 15	22 31	22 23	9 17	16 17	6 39
S 29	14 12	19 6	1n13	4 24	1 50	26 12	2 58	1 36	1 15	20 54	0 6	18 2	2 17	12 23	0 29	4 27	1 9	1 38	16 15	22 31	22 23	9 14	16 16	6 40
M30	14n31	14s31	2n22	4n21	2s 1	26n17	3n 0	1s17	1s15	20s53	0s 6	18s 1	2n17	12n24	0s29	4n28	1n 9	1s38	16s15	22s31	22s23	9n12	16s16	6n40

Julian Day Number = 2489254.5, Delta T = 94.70 sec
Ecliptic obliquity = 23°25'36, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°10'58, Lahiri = 25°17'59

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ASTRODIENST EPHEMERIS for the year 2103
geocentric

MAY 2103 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 33 13	10♉ 2'23	27♒35	16♈10	25♊ 2	0♈25	26♑49	0°R27	4♉ 5	21°R24	6♉47	15°R33	16♑36	27♌33	11°R41	T 1
W 2	14 37 9	11° 0'42	11♓54	16°37	26° 4	1°12	26°52	0♐23	4° 9	21♍23	6°48	15♑29	16°33	27°39	11♑40	W 2
T 3	14 41 6	11°59'00	26°19	17° 7	27° 6	1°58	26°54	0°19	4°12	21°22	6°50	15°24	16°30	27°46	11°39	T 3
F 4	14 45 2	12°57'16	10♈43	17°42	28° 7	2°44	26°57	0°15	4°15	21°21	6°51	15°16	16°27	27°53	11°38	F 4
S 5	14 48 59	13°55'30	25° 3	18°20	29° 9	3°30	26°59	0°11	4°19	21°20	6°52	15° 6	16°23	27°59	11°37	S 5
S 6	14 52 56	14°53'43	9♉11	19° 3	0♋10	4°17	27° 0	0° 7	4°22	21°19	6°54	14°56	16°20	28° 6	11°36	S 6
M 7	14 56 52	15°51'54	23° 4	19°48	1°10	5° 3	27° 2	0° 2	4°26	21°19	6°55	14°47	16°17	28°13	11°34	M 7
T 8	15 0 49	16°50'03	6♊36	20°38	2°11	5°49	27° 4	29♏58	4°29	21°18	6°56	14°40	16°14	28°19	11°33	T 8
W 9	15 4 45	17°48'11	19°46	21°30	3°10	6°35	27° 5	29°54	4°32	21°17	6°58	14°35	16°11	28°26	11°31	W 9
T 10	15 8 42	18°46'17	2♋34	22°26	4°10	7°21	27° 6	29°50	4°36	21°16	6°59	14°32	16° 8	28°33	11°30	T 10
F 11	15 12 38	19°44'21	15° 2	23°25	5° 9	8° 7	27° 7	29°45	4°39	21°16	7° 1	14°D31	16° 4	28°40	11°28	F 11
S 12	15 16 35	20°42'23	27°14	24°27	6° 8	8°53	27° 8	29°41	4°42	21°15	7° 2	14°32	16° 1	28°46	11°26	S 12
S 13	15 20 31	21°40'23	9♌13	25°32	7° 6	9°39	27° 8	29°36	4°46	21°14	7° 3	14°33	15°58	28°53	11°24	S 13
M14	15 24 28	22°38'22	21° 5	26°40	8° 4	10°25	27° 9	29°32	4°49	21°14	7° 5	14°R34	15°55	29° 0	11°22	M14
T 15	15 28 25	23°36'18	2♍56	27°50	9° 1	11°11	27°R 9	29°27	4°52	21°13	7° 6	14°33	15°52	29° 6	11°20	T 15
W16	15 32 21	24°34'13	14°49	29° 3	9°58	11°57	27° 9	29°23	4°56	21°12	7° 7	14°31	15°48	29°13	11°18	W16
T 17	15 36 18	25°32'06	26°51	0♉18	10°54	12°43	27° 9	29°19	4°59	21°12	7° 9	14°27	15°45	29°20	11°16	T 17
F 18	15 40 14	26°29'57	9♎ 4	1°36	11°50	13°28	27° 8	29°14	5° 2	21°11	7°10	14°20	15°42	29°26	11°14	F 18
S 19	15 44 11	27°27'46	21°32	2°56	12°45	14°14	27° 8	29°10	5° 6	21°11	7°11	14°13	15°39	29°33	11°12	S 19
S 20	15 48 7	28°25'34	4♏18	4°19	13°40	15° 0	27° 7	29° 5	5° 9	21°10	7°12	14° 5	15°36	29°40	11° 9	S 20
M21	15 52 4	29°23'21	17°20	5°44	14°34	15°45	27° 6	29° 1	5°12	21°10	7°14	13°57	15°33	29°46	11° 7	M21
T 22	15 56 0	0♊21'06	0♐40	7°12	15°28	16°31	27° 5	28°56	5°15	21°10	7°15	13°51	15°29	29°53	11° 5	T 22
W23	15 59 57	1°18'50	14°15	8°42	16°21	17°17	27° 4	28°52	5°18	21° 9	7°16	13°46	15°26	29°59	11° 2	W23
T 24	16 3 54	2°16'32	28° 2	10°14	17°13	18° 2	27° 2	28°47	5°22	21° 9	7°18	13°43	15°23	0♍ 6	10°59	T 24
F 25	16 7 50	3°14'13	11♑59	11°48	18° 4	18°48	27° 0	28°43	5°25	21° 9	7°19	13°D42	15°20	0°13	10°57	F 25
S 26	16 11 47	4°11'54	26° 3	13°25	18°55	19°33	26°59	28°38	5°28	21° 9	7°20	13°42	15°17	0°20	10°54	S 26
S 27	16 15 43	5° 9'33	10♒12	15° 4	19°46	20°19	26°56	28°34	5°31	21° 8	7°21	13°44	15°14	0°26	10°51	S 27
M28	16 19 40	6° 7'11	24°23	16°45	20°35	21° 4	26°54	28°29	5°34	21° 8	7°23	13°45	15°10	0°33	10°48	M28
T 29	16 23 36	7° 4'48	8♓35	18°29	21°24	21°49	26°52	28°25	5°37	21° 8	7°24	13°R45	15° 7	0°40	10°45	T 29
W30	16 27 33	8° 2'24	22°45	20°15	22°12	22°35	26°49	28°21	5°40	21° 8	7°25	13°44	15° 4	0°46	10°42	W30
T 31	16 31 29	8♊59'59	6♈52	22♉ 3	22♋59	23♈20	26♑46	28♏16	5♉43	21♍ 8	7♉26	13♑42	15♑ 1	0♍53	10♑39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n49	9s 7	3n24	4n20	2s11	26n21	3n 1	0s59	1s15	20s53	0s 6	18s 0	2n17	12n25	0s29	4n28	1n 9	1s37	16s15	22s31	22s24	9n 9	16s15	6n41
W 2	15 7	3 11	4 13	4 22	2 20	26 25	3 3	0 40	1 15	20 53	0 6	18 0	2 17	12 26	0 29	4 29	1 9	1 37	16 15	22 32	22 24	9 6	16 15	6 42
T 3	15 25	2n56	4 47	4 26	2 29	26 28	3 5	0 22	1 15	20 52	0 7	17 59	2 17	12 28	0 29	4 29	1 9	1 36	16 15	22 32	22 25	9 3	16 14	6 42
F 4	15 43	8 53	5 3	4 32	2 36	26 31	3 6	0 3	1 15	20 52	0 7	17 58	2 17	12 29	0 29	4 29	1 9	1 36	16 15	22 33	22 25	9 0	16 14	6 43
S 5	16 1	14 20	4 59	4 40	2 43	26 33	3 8	0n15	1 15	20 52	0 7	17 57	2 17	12 30	0 29	4 30	1 9	1 36	16 15	22 34	22 25	8 57	16 13	6 43
S 6	16 18	18 56	4 37	4 51	2 49	26 35	3 9	0 33	1 15	20 52	0 7	17 56	2 17	12 31	0 29	4 30	1 9	1 35	16 15	22 35	22 26	8 54	16 13	6 44
M 7	16 35	22 23	3 59	5 3	2 54	26 36	3 10	0 52	1 14	20 51	0 7	17 55	2 17	12 32	0 29	4 30	1 9	1 35	16 15	22 36	22 26	8 51	16 12	6 45
T 8	16 51	24 30	3 8	5 17	2 59	26 36	3 11	1 10	1 14	20 51	0 7	17 54	2 17	12 33	0 29	4 31	1 9	1 35	16 15	22 37	22 26	8 48	16 12	6 45
W 9	17 8	25 10	2 9	5 34	3 2	26 35	3 12	1 29	1 14	20 51	0 7	17 53	2 17	12 35	0 29	4 31	1 9	1 34	16 15	22 38	22 27	8 46	16 11	6 46
T 10	17 24	24 28	1 4	5 52	3 5	26 35	3 13	1 47	1 14	20 51	0 8	17 52	2 17	12 36	0 29	4 31	1 9	1 34	16 16	22 38	22 27	8 43	16 11	6 46
F 11	17 40	22 32	0s 3	6 11	3 8	26 33	3 14	2 5	1 14	20 51	0 8	17 51	2 17	12 37	0 29	4 31	1 9	1 33	16 16	22 38	22 28	8 40	16 10	6 47
S 12	17 55	19 36	1 8	6 32	3 9	26 31	3 14	2 23	1 14	20 51	0 8	17 51	2 17	12 38	0 29	4 32	1 9	1 33	16 16	22 38	22 28	8 37	16 10	6 48
S 13	18 10	15 52	2 9	6 55	3 10	26 28	3 15	2 42	1 14	20 51	0 8	17 50	2 17	12 39	0 29	4 32	1 9	1 33	16 16	22 38	22 28	8 34	16 10	6 48
M14	18 25	11 33	3 4	7 19	3 10	26 25	3 15	3 0	1 14	20 51	0 8	17 49	2 17	12 40	0 29	4 32	1 9	1 32	16 16	22 38	22 29	8 31	16 9	6 49
T 15	18 40	6 50	3 51	7 45	3 10	26 22	3 15	3 18	1 13	20 51	0 8	17 48	2 17	12 41	0 29	4 32	1 9	1 32	16 16	22 38	22 29	8 28	16 9	6 49
W16	18 54	1 51	4 28	8 11	3 8	26 17	3 15	3 36	1 13	20 51	0 9	17 47	2 17	12 42	0 29	4 32	1 9	1 32	16 16	22 38	22 29	8 25	16 8	6 50
T 17	19 8	3s14	4 53	8 39	3 7	26 13	3 15	3 54	1 13	20 52	0 9	17 46	2 17	12 43	0 29	4 33	1 9	1 31	16 16	22 39	22 30	8 22	16 8	6 50
F 18	19 22	8 17	5 6	9 9	3 4	26 7	3 14	4 12	1 13	20 52	0 9	17 45	2 17	12 45	0 29	4 33	1 9	1 31	16 16	22 39	22 30	8 19	16 8	6 51
S 19	19 35	13 6	5 5	9 39	3 1	26 2	3 14	4 30	1 13	20 52	0 9	17 44	2 17	12 46	0 29	4 33	1 9	1 31	16 16	22 40	22 31	8 16	16 7	6 51
S 20	19 48	17 28	4 49	10 10	2 58	25 55	3 13	4 47	1 12	20 52	0 9	17 43	2 17	12 47	0 29	4 33	1 9	1 30	16 16	22 41	22 31	8 14	16 7	6 52
M21	20 1	21 7	4 18	10 42	2 53	25 49	3 12	5 5	1 12	20 53	0 9	17 42	2 17	12 48	0 29	4 33	1 9	1 30	16 16	22 42	22 31	8 11	16 7	6 52
T 22	20 13	23 44	3 32	11 15	2 49	25 42	3 11	5 23	1 12	20 53	0 9	17 41	2 17	12 49	0 29	4 33	1 9	1 30	16 16	22 42	22 32	8 8	16 6	6 53
W23	20 25	25 1	2 33	11 49	2 43	25 34	3 10	5 41	1 12	20 54	0 10	17 40	2 17	12 50	0 29	4 33	1 9	1 30	16 17	22 43	22 32	8 5	16 6	6 53
T 24	20 36	24 49	1 24	12 23	2 37	25 26	3 8	5 58	1 11	20 54	0 10	17 40	2 16	12 51	0 29	4 34	1 9	1 29	16 17	22 43	22 32	8 2	16 6	6 54
F 25	20 48	23 2	0 9	12 58	2 31	25 17	3 7	6 16	1 11	20 54	0 10	17 39	2 16	12 52	0 29	4 34	1 9	1 29	16 17	22 43	22 33	7 59	16 6	6 54
S 26	20 58	19 50	1n 7	13 34	2 24	25 8	3 5	6 33	1 11	20 55	0 10	17 38	2 16	12 53	0 29	4 34	1 9	1 29	16 17	22 43	22 33	7 56	16 5	6 55
S 27	21 9	15 27	2 19	14 10	2 17	24 59	3 3	6 50	1 11	20 56	0 10	17 37	2 16	12 54	0 29	4 34	1 9	1 29	16 17	22 43	22 33	7 53	16 5	6 55
M28	21 19	10 11	3 23	14 46	2 9	24 49	3 1	7 8	1 10	20 56	0 10	17 36	2 16	12 55	0 29	4 34	1 9	1 28	16 17	22 43	22 34	7 50	16 5	6 56
T 29	21 29	4 24	4 15	15 23	2 1	24 39	2 58	7 25	1 10	20 57	0 11	17 35	2 16	12 56	0 29	4 34	1 9	1 28	16 17	22 43	22 34	7 47	16 5	6 56
W30	21 38	1n35	4 51	16 0	1 52	24 29	2 55	7 42	1 10	20 57	0 11	17 34	2 16	12 57	0 29	4 34	1 9	1 28	16 18	22 43	22 35	7 44	16 4	6 57
T 31	21n47	7n27	5n 9	16n37	1s43	24n18	2n53	7n59	1s 9	20s58	0s11	17s33	2n16	12n58	0s29	4n34	1n 9	1s28	16s18	22s43	22s35	7n42	16s 4	6n57

Julian Day Number = 2489284.5, Delta T = 94.74 sec
Ecliptic obliquity = 23°25'36, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°11'02, Lahiri = 25°18'03

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ASTRODIENST EPHEMERIS for the year 2103
geocentric

JUNE 2103 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 35 26	9♊57'34	20♈53	23♉53	23♋46	24♈ 5	26°R43	28°R12	5♉46	21°R 8	7♉27	13°R38	14♑58	1♍ 0	10°R36	F 1
S 2	16 39 23	10°55'07	4♉45	25°45	24°32	24°50	26♑40	28♏ 8	5°49	21°D 8	7°29	13♑34	14°54	1° 7	10♑33	S 2
S 3	16 43 19	11°52'40	18°27	27°40	25°16	25°35	26°37	28° 3	5°52	21♍ 8	7°30	13°29	14°51	1°13	10°30	S 3
M 4	16 47 16	12°50'12	1♊54	29°37	26° 0	26°20	26°33	27°59	5°55	21° 8	7°31	13°24	14°48	1°20	10°27	M 4
T 5	16 51 12	13°47'43	15° 5	1♊36	26°43	27° 5	26°30	27°55	5°58	21° 8	7°32	13°20	14°45	1°27	10°24	T 5
W 6	16 55 9	14°45'13	28° 0	3°37	27°25	27°50	26°26	27°51	6° 1	21° 8	7°33	13°18	14°42	1°33	10°20	W 6
T 7	16 59 5	15°42'42	10♋37	5°40	28° 5	28°35	26°22	27°46	6° 4	21° 8	7°34	13°D17	14°39	1°40	10°17	T 7
F 8	17 3 2	16°40'10	22°59	7°45	28°45	29°20	26°18	27°42	6° 6	21° 8	7°36	13°17	14°35	1°47	10°14	F 8
S 9	17 6 58	17°37'36	5♌ 8	9°51	29°24	0♌ 5	26°13	27°38	6° 9	21° 8	7°37	13°19	14°32	1°53	10°10	S 9
S 10	17 10 55	18°35'02	17° 7	11°59	0♌ 1	0°49	26° 9	27°34	6°12	21° 9	7°38	13°20	14°29	2° 0	10° 7	S 10
M11	17 14 52	19°32'26	28°59	14° 8	0°37	1°34	26° 4	27°30	6°15	21° 9	7°39	13°22	14°26	2° 7	10° 3	M11
T 12	17 18 48	20°29'50	10♍50	16°19	1°12	2°19	25°59	27°26	6°17	21° 9	7°40	13°23	14°23	2°13	9°59	T 12
W13	17 22 45	21°27'12	22°45	18°30	1°46	3° 3	25°54	27°22	6°20	21°10	7°41	13°R23	14°20	2°20	9°56	W13
T 14	17 26 41	22°24'33	4♎47	20°41	2°18	3°48	25°49	27°18	6°23	21°10	7°42	13°23	14°16	2°27	9°52	T 14
F 15	17 30 38	23°21'53	17° 1	22°53	2°49	4°32	25°44	27°15	6°25	21°10	7°43	13°21	14°13	2°33	9°49	F 15
S 16	17 34 34	24°19'13	29°32	25° 5	3°18	5°16	25°38	27°11	6°28	21°11	7°44	13°19	14°10	2°40	9°45	S 16
S 17	17 38 31	25°16'31	12♏23	27°17	3°46	6° 1	25°33	27° 7	6°30	21°11	7°45	13°17	14° 7	2°47	9°41	S 17
M18	17 42 27	26°13'49	25°34	29°29	4°12	6°45	25°27	27° 4	6°33	21°12	7°46	13°14	14° 4	2°54	9°37	M18
T 19	17 46 24	27°11'06	9♐ 8	1♋39	4°36	7°29	25°21	27° 0	6°35	21°12	7°47	13°12	14° 0	3° 0	9°34	T 19
W20	17 50 21	28° 8'22	23° 1	3°49	4°59	8°13	25°15	26°57	6°38	21°13	7°48	13°11	13°57	3° 7	9°30	W20
T 21	17 54 17	29° 5'38	7♑12	5°57	5°20	8°57	25° 9	26°53	6°40	21°13	7°49	13°D10	13°54	3°14	9°26	T 21
F 22	17 58 14	0♋ 2'53	21°35	8° 4	5°40	9°41	25° 3	26°50	6°43	21°14	7°50	13°10	13°51	3°20	9°22	F 22
S 23	18 2 10	1° 0'08	6♒ 6	10° 9	5°57	10°25	24°57	26°46	6°45	21°15	7°51	13°11	13°48	3°27	9°18	S 23
S 24	18 6 7	1°57'22	20°39	12°13	6°12	11° 9	24°50	26°43	6°47	21°15	7°52	13°12	13°45	3°34	9°15	S 24
M25	18 10 3	2°54'37	5♓ 8	14°15	6°26	11°53	24°44	26°40	6°50	21°16	7°52	13°12	13°41	3°40	9°11	M25
T 26	18 14 0	3°51'51	19°31	16°15	6°37	12°37	24°37	26°37	6°52	21°17	7°53	13°13	13°38	3°47	9° 7	T 26
W27	18 17 57	4°49'05	3♈43	18°13	6°47	13°20	24°30	26°34	6°54	21°18	7°54	13°R13	13°35	3°54	9° 3	W27
T 28	18 21 53	5°46'19	17°42	20° 8	6°54	14° 4	24°24	26°31	6°56	21°18	7°55	13°13	13°32	4° 0	8°59	T 28
F 29	18 25 50	6°43'33	1♉28	22° 2	6°59	14°47	24°17	26°28	6°58	21°19	7°56	13°13	13°29	4° 7	8°55	F 29
S 30	18 29 46	7♋40'47	14♉59	23♋54	7♌ 1	15♉31	24♑10	26♏25	7♉ 0	21♍20	7♉56	13♑12	13♑26	4♍14	8♑51	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21n56	12n55	5n 9	17n13	1s34	24n 7	2n49	8n16	1s 9	20s59	0s11	17s32	2n16	12n59	0s29	4n34	1n 9	1s27	16s18	22s44	22s35	7n39	16s 4	6n57	
S 2	22 4	17 39	4 51	17 50	1 24	23 56	2 46	8 33	1 9	21 0	0 11	17 32	2 16	13 0	0 29	4 34	1 8	1 27	16 18	22 44	22 36	7 36	16 4	6 58	
S 3	22 12	21 24	4 16	18 26	1 14	23 44	2 43	8 49	1 8	21 0	0 11	17 31	2 16	13 1	0 29	4 34	1 8	1 27	16 18	22 45	22 36	7 33	16 4	6 58	
M 4	22 20	23 55	3 27	19 1	1 3	23 32	2 39	9 6	1 8	21 1	0 11	17 30	2 15	13 2	0 29	4 34	1 8	1 27	16 18	22 45	22 36	7 30	16 4	6 59	
T 5	22 27	25 3	2 28	19 36	0 53	23 20	2 35	9 23	1 8	21 2	0 12	17 29	2 15	13 3	0 29	4 34	1 8	1 27	16 19	22 45	22 37	7 27	16 3	6 59	
W 6	22 33	24 48	1 23	20 10	0 42	23 7	2 30	9 39	1 7	21 3	0 12	17 28	2 15	13 4	0 29	4 34	1 8	1 26	16 19	22 46	22 37	7 24	16 3	6 59	
T 7	22 40	23 15	0 15	20 43	0 31	22 55	2 26	9 55	1 7	21 4	0 12	17 27	2 15	13 5	0 29	4 34	1 8	1 26	16 19	22 46	22 37	7 21	16 3	7 0	
F 8	22 46	20 36	0s53	21 15	0 21	22 42	2 21	10 11	1 7	21 5	0 12	17 27	2 15	13 6	0 29	4 33	1 8	1 26	16 19	22 46	22 38	7 18	16 3	7 0	
S 9	22 51	17 5	1 57	21 45	0 10	22 29	2 16	10 27	1 6	21 6	0 12	17 26	2 15	13 7	0 29	4 33	1 8	1 26	16 19	22 46	22 38	7 15	16 3	7 0	
S 10	22 56	12 55	2 55	22 14	0n 1	22 16	2 10	10 43	1 6	21 7	0 12	17 25	2 15	13 8	0 29	4 33	1 8	1 26	16 19	22 46	22 38	7 12	16 3	7 1	
M11	23 1	8 18	3 45	22 41	0 12	22 2	2 5	10 59	1 6	21 8	0 13	17 24	2 15	13 8	0 29	4 33	1 8	1 26	16 20	22 45	22 39	7 9	16 3	7 1	
T 12	23 5	3 24	4 26	23 5	0 22	21 49	1 59	11 15	1 5	21 9	0 13	17 24	2 14	13 9	0 29	4 33	1 8	1 26	16 20	22 45	22 39	7 7	16 3	7 1	
W13	23 9	1s38	4 55	23 28	0 32	21 35	1 52	11 31	1 5	21 10	0 13	17 23	2 14	13 10	0 29	4 33	1 8	1 25	16 20	22 45	22 39	7 4	16 3	7 2	
T 14	23 13	6 40	5 12	23 48	0 42	21 21	1 46	11 46	1 4	21 11	0 13	17 22	2 14	13 11	0 29	4 33	1 8	1 25	16 20	22 45	22 40	7 1	16 3	7 2	
F 15	23 16	11 31	5 14	24 6	0 52	21 8	1 39	12 1	1 4	21 12	0 13	17 21	2 14	13 12	0 29	4 32	1 8	1 25	16 21	22 45	22 40	6 58	16 3	7 2	
S 16	23 18	16 1	5 3	24 21	1 1	20 54	1 32	12 17	1 3	21 13	0 13	17 21	2 14	13 13	0 29	4 32	1 8	1 25	16 21	22 46	22 40	6 55	16 3	7 2	
S 17	23 21	19 55	4 36	24 33	1 9	20 40	1 24	12 32	1 3	21 15	0 14	17 20	2 14	13 14	0 29	4 32	1 8	1 25	16 21	22 46	22 41	6 52	16 3	7 3	
M18	23 22	22 55	3 53	24 42	1 17	20 26	1 16	12 47	1 2	21 16	0 14	17 19	2 14	13 14	0 29	4 32	1 8	1 25	16 21	22 46	22 41	6 49	16 3	7 3	
T 19	23 24	24 43	2 57	24 49	1 24	20 12	1 8	13 1	1 2	21 17	0 14	17 19	2 13	13 15	0 29	4 32	1 8	1 25	16 21	22 46	22 41	6 46	16 3	7 3	
W20	23 25	25 4	1 49	24 53	1 30	19 59	1 0	13 16	1 1	21 18	0 14	17 18	2 13	13 16	0 29	4 31	1 8	1 25	16 22	22 46	22 42	6 43	16 3	7 3	
T 21	23 25	23 47	0 33	24 54	1 36	19 45	0 51	13 31	1 1	21 20	0 14	17 18	2 13	13 17	0 29	4 31	1 8	1 25	16 22	22 47	22 42	6 40	16 3	7 3	
F 22	23 26	20 56	0n46	24 52	1 41	19 31	0 42	13 45	1 0	21 21	0 14	17 17	2 13	13 17	0 29	4 31	1 8	1 25	16 22	22 47	22 42	6 37	16 3	7 4	
S 23	23 25	16 44	2 4	24 47	1 45	19 18	0 32	13 59	1 0	21 22	0 15	17 16	2 13	13 18	0 29	4 31	1 8	1 25	16 22	22 46	22 43	6 34	16 3	7 4	
S 24	23 25	11 33	3 13	24 41	1 49	19 4	0 22	14 13	0 59	21 23	0 15	17 16	2 12	13 19	0 29	4 30	1 8	1 25	16 23	22 46	22 43	6 31	16 3	7 4	
M25	23 24	5 45	4 10	24 31	1 52	18 51	0 12	14 27	0 59	21 25	0 15	17 15	2 12	13 20	0 29	4 30	1 8	1 25	16 23	22 46	22 43	6 29	16 3	7 4	
T 26	23 22	0n18	4 50	24 19	1 54	18 38	0 2	14 41	0 58	21 26	0 15	17 15	2 12	13 20	0 29	4 30	1 8	1 25	16 23	22 46	22 44	6 26	16 3	7 4	
W27	23 20	6 15	5 13	24 6	1 55	18 25	0s 9	14 55	0 58	21 27	0 15	17 14	2 12	13 21	0 29	4 29	1 8	1 25	16 23	22 46	22 44	6 23	16 4	7 4	
T 28	23 18	11 48	5 16	23 50	1 56	18 12	0 21	15 8	0 57	21 29	0 15	17 14	2 12	13 22	0 29	4 29	1 8	1 25	16 24	22 46	22 44	6 20	16 4	7 4	
F 29	23 15	16 41	5 1	23 32	1 56	18 0	0 32	15 22	0 57	21 30	0 16	17 13	2 11	13 23	0 29	4 29	1 8	1 25	16 24	22 46	22 45	6 17	16 4	7 5	
S 30	23n12	20n37	4n30	23n12	1n55	17n48	0s44	15n35	0s56	21s32	0s16	17s13	2n11	13n23	0s29	4n28	1n 8	1s25	16s24	22s46	22s45	6n14	16s 4	7n 5	

Julian Day Number = 2489315.5, Delta T = 94.78 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°11'07, Lahiri = 25°18'07

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ASTRODIENST EPHEMERIS for the year 2103
geocentric

JULY 2103 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 33 43	8♋38'01	28♉16	25♋44	7°R 2	16♉14	24°R 2	26°R22	7♉ 2	21♍21	7♉57	13°R12	13♏22	4♍21	8°R47	S 1
M 2	18 37 39	9°35'15	11♊19	27°31	7♌ 0	16°58	23♏55	26♏20	7° 4	21°22	7°58	13♏11	13°19	4°27	8♏44	M 2
T 3	18 41 36	10°32'29	24° 8	29°16	6°56	17°41	23°48	26°17	7° 6	21°23	7°59	13°11	13°16	4°34	8°40	T 3
W 4	18 45 32	11°29'43	6♋43	1♌ 0	6°49	18°24	23°41	26°15	7° 8	21°24	7°59	13°11	13°13	4°41	8°36	W 4
T 5	18 49 29	12°26'57	19° 6	2°41	6°40	19° 7	23°33	26°12	7°10	21°25	8° 0	13°D11	13°10	4°47	8°32	T 5
F 6	18 53 26	13°24'11	1♌18	4°19	6°29	19°50	23°26	26°10	7°12	21°26	8° 1	13°R11	13° 6	4°54	8°28	F 6
S 7	18 57 22	14°21'24	13°21	5°56	6°15	20°33	23°18	26° 8	7°14	21°27	8° 2	13°11	13° 3	5° 1	8°24	S 7
S 8	19 1 19	15°18'38	25°16	7°31	5°59	21°16	23°11	26° 5	7°16	21°28	8° 2	13°10	13° 0	5° 7	8°20	S 8
M 9	19 5 15	16°15'51	7♍ 8	9° 3	5°41	21°59	23° 3	26° 3	7°17	21°29	8° 3	13°10	12°57	5°14	8°16	M 9
T 10	19 9 12	17°13'04	18°58	10°33	5°20	22°42	22°56	26° 1	7°19	21°30	8° 3	13°10	12°54	5°21	8°13	T 10
W11	19 13 8	18°10'17	0♎52	12° 1	4°57	23°24	22°48	25°59	7°21	21°32	8° 4	13° 9	12°51	5°28	8° 9	W11
T 12	19 17 5	19° 7'30	12°53	13°27	4°32	24° 7	22°40	25°58	7°22	21°33	8° 5	13° 9	12°47	5°34	8° 5	T 12
F 13	19 21 1	20° 4'42	25° 6	14°50	4° 5	24°49	22°32	25°56	7°24	21°34	8° 5	13°D 9	12°44	5°41	8° 1	F 13
S 14	19 24 58	21° 1'55	7♏35	16°11	3°36	25°32	22°25	25°54	7°25	21°35	8° 6	13° 9	12°41	5°48	7°58	S 14
S 15	19 28 55	21°59'08	20°24	17°30	3° 5	26°14	22°17	25°53	7°27	21°37	8° 6	13°10	12°38	5°54	7°54	S 15
M16	19 32 51	22°56'20	3♐36	18°46	2°33	26°56	22° 9	25°51	7°28	21°38	8° 7	13°11	12°35	6° 1	7°50	M16
T 17	19 36 48	23°53'33	17°14	20° 0	1°59	27°39	22° 2	25°50	7°29	21°39	8° 7	13°12	12°32	6° 8	7°47	T 17
W18	19 40 44	24°50'46	1♑16	21°11	1°24	28°21	21°54	25°49	7°31	21°41	8° 8	13°12	12°28	6°14	7°43	W18
T 19	19 44 41	25°47'59	15°42	22°20	0°48	29° 3	21°46	25°47	7°32	21°42	8° 8	13°R12	12°25	6°21	7°39	T 19
F 20	19 48 37	26°45'12	0♒25	23°26	0°12	29°45	21°39	25°46	7°33	21°43	8° 8	13°12	12°22	6°28	7°36	F 20
S 21	19 52 34	27°42'26	15°20	24°29	29♋35	0♊26	21°31	25°45	7°34	21°45	8° 9	13°11	12°19	6°34	7°32	S 21
S 22	19 56 30	28°39'40	0♓18	25°30	28°57	1° 8	21°23	25°45	7°35	21°46	8° 9	13° 9	12°16	6°41	7°29	S 22
M23	20 0 27	29°36'55	15°10	26°27	28°19	1°50	21°16	25°44	7°37	21°48	8°10	13° 7	12°12	6°48	7°25	M23
T 24	20 4 24	0♌34'11	29°51	27°22	27°42	2°31	21° 8	25°43	7°38	21°49	8°10	13° 5	12° 9	6°55	7°22	T 24
W25	20 8 20	1°31'27	14♈14	28°13	27° 5	3°13	21° 1	25°42	7°39	21°51	8°10	13° 4	12° 6	7° 1	7°19	W25
T 26	20 12 17	2°28'44	28°16	29° 1	26°29	3°54	20°53	25°42	7°39	21°52	8°10	13°D 3	12° 3	7° 8	7°15	T 26
F 27	20 16 13	3°26'02	11♉57	29°45	25°54	4°36	20°46	25°41	7°40	21°54	8°11	13° 3	12° 0	7°15	7°12	F 27
S 28	20 20 10	4°23'21	25°17	0♍26	25°19	5°17	20°38	25°41	7°41	21°56	8°11	13° 4	11°57	7°21	7° 9	S 28
S 29	20 24 6	5°20'42	8♊17	1° 3	24°46	5°58	20°31	25°41	7°42	21°57	8°11	13° 6	11°53	7°28	7° 5	S 29
M30	20 28 3	6°18'03	21° 2	1°36	24°15	6°39	20°24	25°41	7°43	21°59	8°11	13° 7	11°50	7°35	7° 2	M30
T 31	20 31 59	7♌15'25	3♋32	2♍ 5	23♋45	7♊20	20♏17	25°D41	7♉43	22♍ 1	8♉12	13♏ 8	11♏47	7♍41	6♏59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 9	23n24	3n44	22n51	1n53	17n36	0s56	15n48	0s56	21s33	0s16	17s12	2n11	13n24	0s29	4n28	1n 8	1s25	16s25	22s46	22s45	6n11	16s 4	7n 5
M 2	23 5	24 54	2 48	22 28	1 51	17 24	1 9	16 1	0 55	21 34	0 16	17 12	2 11	13 24	0 29	4 27	1 8	1 25	16 25	22 46	22 46	6 8	16 4	7 5
T 3	23 0	25 1	1 44	22 4	1 48	17 13	1 22	16 13	0 54	21 36	0 16	17 12	2 11	13 25	0 29	4 27	1 8	1 25	16 25	22 46	22 46	6 5	16 5	7 5
W 4	22 56	23 51	0 36	21 38	1 45	17 2	1 35	16 26	0 54	21 37	0 16	17 11	2 10	13 26	0 29	4 27	1 8	1 25	16 25	22 46	22 46	6 2	16 5	7 5
T 5	22 51	21 31	0s33	21 11	1 41	16 51	1 48	16 38	0 53	21 39	0 16	17 11	2 10	13 26	0 29	4 26	1 8	1 25	16 26	22 46	22 47	5 59	16 5	7 5
F 6	22 45	18 15	1 39	20 44	1 36	16 40	2 2	16 51	0 53	21 40	0 17	17 11	2 10	13 27	0 29	4 26	1 7	1 25	16 26	22 46	22 47	5 56	16 5	7 5
S 7	22 39	14 15	2 40	20 15	1 31	16 30	2 16	17 3	0 52	21 41	0 17	17 10	2 10	13 27	0 29	4 25	1 7	1 25	16 26	22 46	22 47	5 53	16 5	7 5
S 8	22 33	9 45	3 33	19 45	1 25	16 21	2 30	17 14	0 51	21 43	0 17	17 10	2 10	13 28	0 29	4 25	1 7	1 25	16 27	22 46	22 47	5 50	16 6	7 5
M 9	22 26	4 55	4 17	19 15	1 19	16 12	2 44	17 26	0 51	21 44	0 17	17 10	2 9	13 29	0 29	4 24	1 7	1 25	16 27	22 47	22 48	5 48	16 6	7 5
T 10	22 19	0s 5	4 49	18 44	1 12	16 3	2 58	17 38	0 50	21 46	0 17	17 9	2 9	13 29	0 29	4 24	1 7	1 25	16 27	22 47	22 48	5 45	16 6	7 5
W11	22 12	5 5	5 10	18 13	1 5	15 55	3 12	17 49	0 49	21 47	0 17	17 9	2 9	13 30	0 29	4 23	1 7	1 25	16 27	22 47	22 48	5 42	16 6	7 5
T 12	22 4	9 57	5 17	17 41	0 57	15 47	3 26	18 0	0 49	21 49	0 17	17 9	2 9	13 30	0 29	4 23	1 7	1 26	16 28	22 47	22 49	5 39	16 7	7 5
F 13	21 56	14 31	5 10	17 9	0 49	15 39	3 41	18 11	0 48	21 50	0 18	17 9	2 8	13 31	0 29	4 22	1 7	1 26	16 28	22 47	22 49	5 36	16 7	7 5
S 14	21 47	18 35	4 49	16 37	0 40	15 32	3 55	18 22	0 47	21 51	0 18	17 9	2 8	13 31	0 29	4 22	1 7	1 26	16 28	22 47	22 49	5 33	16 7	7 5
S 15	21 38	21 54	4 13	16 5	0 31	15 26	4 8	18 32	0 47	21 53	0 18	17 9	2 8	13 31	0 29	4 21	1 7	1 26	16 29	22 47	22 50	5 30	16 8	7 5
M16	21 29	24 10	3 22	15 32	0 21	15 19	4 22	18 43	0 46	21 54	0 18	17 8	2 8	13 32	0 29	4 21	1 7	1 26	16 29	22 46	22 50	5 27	16 8	7 4
T 17	21 19	25 7	2 19	14 59	0 12	15 14	4 35	18 53	0 45	21 56	0 18	17 8	2 7	13 32	0 29	4 20	1 7	1 26	16 29	22 46	22 50	5 24	16 8	7 4
W18	21 9	24 31	1 6	14 27	0 1	15 9	4 48	19 3	0 45	21 57	0 18	17 8	2 7	13 33	0 29	4 20	1 7	1 26	16 30	22 46	22 50	5 21	16 9	7 4
T 19	20 58	22 17	0n14	13 55	0s 9	15 4	5 1	19 13	0 44	21 58	0 18	17 8	2 7	13 33	0 29	4 19	1 7	1 27	16 30	22 46	22 51	5 18	16 9	7 4
F 20	20 48	18 31	1 34	13 23	0 20	15 0	5 13	19 23	0 43	22 0	0 19	17 8	2 7	13 34	0 29	4 19	1 7	1 27	16 30	22 46	22 51	5 15	16 9	7 4
S 21	20 37	13 33	2 48	12 51	0 32	14 56	5 25	19 32	0 43	22 1	0 19	17 8	2 7	13 34	0 29	4 18	1 7	1 27	16 31	22 46	22 51	5 12	16 10	7 4
S 22	20 25	7 45	3 52	12 20	0 43	14 53	5 36	19 42	0 42	22 2	0 19	17 8	2 6	13 34	0 29	4 17	1 7	1 27	16 31	22 47	22 52	5 9	16 10	7 4
M23	20 13	1 33	4 39	11 50	0 55	14 50	5 46	19 51	0 41	22 4	0 19	17 8	2 6	13 35	0 30	4 17	1 7	1 27	16 31	22 47	22 52	5 7	16 10	7 3
T 24	20 1	4n38	5 7	11 20	1 7	14 47	5 56	20 0	0 40	22 5	0 19	17 8	2 6	13 35	0 30	4 16	1 7	1 28	16 31	22 47	22 52	5 4	16 11	7 3
W25	19 49	10 27	5 15	10 51	1 20	14 45	6 5	20 9	0 40	22 6	0 19	17 9	2 6	13 35	0 30	4 16	1 7	1 28	16 32	22 47	22 53	5 1	16 11	7 3
T 26	19 36	15 35	5 5	10 22	1 32	14 44	6 13	20 17	0 39	22 7	0 19	17 9	2 5	13 35	0 30	4 15	1 7	1 28	16 32	22 47	22 53	4 58	16 11	7 3
F 27	19 23	19 48	4 36	9 55	1 45	14 43	6 21	20 25	0 38	22 9	0 19	17 9	2 5	13 36	0 30	4 14	1 7	1 28	16 32	22 47	22 53	4 55	16 12	7 3
S 28	19 9	22 51	3 54	9 29	1 58	14 42	6 28	20 34	0 37	22 10	0 20	17 9	2 5	13 36	0 30	4 14	1 7	1 28	16 33	22 47	22 53	4 52	16 12	7 2
S 29	18 55	24 39	3 0	9 4	2 10	14 41	6 34	20 42	0 36	22 11	0 20	17 9	2 5	13 36	0 30	4 13	1 7	1 29	16 33	22 47	22 54	4 49	16 13	7 2
M30	18 41	25 6	1 59	8 40	2 23	14 41	6 40	20 49	0 36	22 12	0 20	17 9	2 4	13 36	0 30	4 12	1 7	1 29	16 33	22 47	22 54	4 46	16 13	7 2
T 31	18n27	24n15	0n53	8n17	2s36	14n42	6s44	20n57	0s35	22s13	0s20	17s10	2n 4	13n37	0s30	4n12	1n 7	1s29	16s34	22s47	22s54	4n43	16s13	7n 2

Julian Day Number = 2489345.5, Delta T = 94.82 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°11'11, Lahiri = 25°18'11

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ASTRODIENST EPHEMERIS for the year 2103
geocentric

AUGUST 2103 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 35 56	8♌12'47	15♋50	2♍30	23°R17	8♊ 1	20°R10	25♏41	7♉44	22♍ 2	8♉12	13°R 9	11♑44	7♍48	6°R56	W 1
T 2	20 39 53	9°10'11	27°59	2°51	22♋51	8°42	20♑ 3	25°41	7°45	22° 4	8°12	13♑ 8	11°41	7°55	6♑53	T 2
F 3	20 43 49	10° 7'35	10♌ 1	3° 6	22°27	9°22	19°56	25°41	7°45	22° 6	8°12	13° 6	11°38	8° 2	6°50	F 3
S 4	20 47 46	11° 5'01	21°57	3°17	22° 5	10° 3	19°49	25°42	7°46	22° 8	8°12	13° 2	11°34	8° 8	6°47	S 4
S 5	20 51 42	12° 2'27	3♍49	3°23	21°46	10°43	19°43	25°42	7°46	22° 9	8°12	12°57	11°31	8°15	6°45	S 5
M 6	20 55 39	12°59'54	15°39	3°R24	21°28	11°24	19°36	25°43	7°47	22°11	8°12	12°52	11°28	8°22	6°42	M 6
T 7	20 59 35	13°57'21	27°30	3°19	21°13	12° 4	19°30	25°43	7°47	22°13	8°12	12°47	11°25	8°28	6°39	T 7
W 8	21 3 32	14°54'49	9♎24	3°10	21° 1	12°44	19°23	25°44	7°47	22°15	8°R12	12°42	11°22	8°35	6°37	W 8
T 9	21 7 28	15°52'19	21°25	2°55	20°50	13°24	19°17	25°45	7°47	22°17	8°12	12°38	11°18	8°42	6°34	T 9
F 10	21 11 25	16°49'49	3♏36	2°34	20°43	14° 4	19°11	25°46	7°48	22°19	8°12	12°36	11°15	8°48	6°32	F 10
S 11	21 15 22	17°47'19	16° 2	2° 9	20°37	14°44	19° 5	25°47	7°48	22°20	8°12	12°D35	11°12	8°55	6°29	S 11
S 12	21 19 18	18°44'51	28°46	1°38	20°34	15°24	18°59	25°48	7°48	22°22	8°12	12°36	11° 9	9° 2	6°27	S 12
M13	21 23 15	19°42'23	11♐53	1° 3	20°D33	16° 3	18°54	25°49	7°48	22°24	8°12	12°37	11° 6	9° 9	6°24	M13
T 14	21 27 11	20°39'57	25°26	0°24	20°35	16°43	18°48	25°51	7°R48	22°26	8°12	12°38	11° 3	9°15	6°22	T 14
W15	21 31 8	21°37'31	9♑26	29♌41	20°38	17°22	18°43	25°52	7°48	22°28	8°12	12°R39	10°59	9°22	6°20	W15
T 16	21 35 4	22°35'06	23°53	28°55	20°44	18° 2	18°37	25°54	7°48	22°30	8°12	12°39	10°56	9°29	6°18	T 16
F 17	21 39 1	23°32'42	8♒44	28° 7	20°52	18°41	18°32	25°55	7°48	22°32	8°12	12°37	10°53	9°35	6°16	F 17
S 18	21 42 57	24°30'19	23°51	27°16	21° 3	19°20	18°27	25°57	7°48	22°34	8°11	12°33	10°50	9°42	6°14	S 18
S 19	21 46 54	25°27'58	9♓ 7	26°26	21°15	19°59	18°22	25°59	7°47	22°36	8°11	12°27	10°47	9°49	6°12	S 19
M20	21 50 51	26°25'38	24°19	25°35	21°30	20°38	18°18	26° 1	7°47	22°38	8°11	12°21	10°44	9°55	6°10	M20
T 21	21 54 47	27°23'19	9♈18	24°46	21°46	21°16	18°13	26° 3	7°47	22°40	8°11	12°14	10°40	10° 2	6° 9	T 21
W22	21 58 44	28°21'02	23°55	23°59	22° 4	21°55	18° 9	26° 5	7°46	22°42	8°10	12° 9	10°37	10° 9	6° 7	W22
T 23	22 2 40	29°18'46	8♉ 7	23°16	22°25	22°34	18° 5	26° 7	7°46	22°44	8°10	12° 5	10°34	10°16	6° 5	T 23
F 24	22 6 37	0♍16'32	21°52	22°37	22°47	23°12	18° 1	26° 9	7°45	22°46	8°10	12° 3	10°31	10°22	6° 4	F 24
S 25	22 10 33	1°14'20	5♊10	22° 3	23°10	23°50	17°57	26°12	7°45	22°49	8° 9	12°D 3	10°28	10°29	6° 3	S 25
S 26	22 14 30	2°12'10	18° 4	21°34	23°36	24°28	17°53	26°14	7°44	22°51	8° 9	12° 4	10°24	10°36	6° 1	S 26
M27	22 18 26	3°10'01	0♋38	21°13	24° 3	25° 6	17°50	26°17	7°44	22°53	8° 9	12° 5	10°21	10°42	6° 0	M27
T 28	22 22 23	4° 7'54	12°57	20°58	24°31	25°44	17°47	26°19	7°43	22°55	8° 8	12°R 5	10°18	10°49	5°59	T 28
W29	22 26 20	5° 5'49	25° 4	20°D51	25° 1	26°22	17°43	26°22	7°42	22°57	8° 8	12° 4	10°15	10°56	5°58	W29
T 30	22 30 16	6° 3'45	7♌ 3	20°52	25°33	27° 0	17°41	26°25	7°41	22°59	8° 8	12° 1	10°12	11° 3	5°57	T 30
F 31	22 34 13	7♍ 1'43	18♌57	21♌ 1	26♋ 6	27♊37	17♑38	26♏28	7♉41	23♍ 1	8♉ 7	11♑56	10♑ 9	11♍ 9	5♑56	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n12	22n15	0s15	7n57	2s49	14n42	6s48	21n 4	0s34	22s15	0s20	17s10	2n 4	13n37	0s30	4n11	1n 7	1s29	16s34	22s47	22s55	4n40	16s14	7n 1
T 2	17 57	19 14	1 21	7 38	3 2	14 43	6 52	21 12	0 33	22 16	0 20	17 10	2 4	13 37	0 30	4 10	1 7	1 30	16 34	22 47	22 55	4 37	16 14	7 1
F 3	17 42	15 27	2 22	7 20	3 14	14 45	6 54	21 19	0 32	22 17	0 20	17 10	2 3	13 37	0 30	4 9	1 7	1 30	16 35	22 47	22 55	4 34	16 15	7 1
S 4	17 26	11 5	3 17	7 5	3 27	14 46	6 56	21 26	0 31	22 18	0 20	17 11	2 3	13 37	0 30	4 9	1 7	1 30	16 35	22 47	22 55	4 31	16 15	7 0
S 5	17 10	6 20	4 2	6 52	3 38	14 48	6 57	21 32	0 31	22 19	0 21	17 11	2 3	13 37	0 30	4 8	1 7	1 31	16 35	22 48	22 56	4 29	16 16	7 0
M 6	16 54	1 23	4 38	6 41	3 50	14 50	6 58	21 39	0 30	22 20	0 21	17 12	2 3	13 38	0 30	4 7	1 7	1 31	16 36	22 48	22 56	4 26	16 16	7 0
T 7	16 38	3s36	5 1	6 33	4 1	14 52	6 58	21 45	0 29	22 21	0 21	17 12	2 2	13 38	0 30	4 7	1 7	1 31	16 36	22 49	22 56	4 23	16 17	7 0
W 8	16 21	8 29	5 11	6 27	4 11	14 55	6 57	21 51	0 28	22 22	0 21	17 12	2 2	13 38	0 30	4 6	1 7	1 31	16 36	22 49	22 56	4 20	16 17	6 59
T 9	16 4	13 6	5 8	6 23	4 20	14 58	6 56	21 57	0 27	22 23	0 21	17 13	2 2	13 38	0 30	4 5	1 7	1 32	16 37	22 50	22 57	4 17	16 17	6 59
F 10	15 47	17 16	4 51	6 23	4 28	15 0	6 54	22 2	0 26	22 24	0 21	17 13	2 2	13 38	0 30	4 4	1 7	1 32	16 37	22 50	22 57	4 14	16 18	6 59
S 11	15 30	20 47	4 20	6 25	4 35	15 3	6 52	22 8	0 25	22 25	0 21	17 14	2 1	13 38	0 30	4 4	1 7	1 32	16 37	22 50	22 57	4 11	16 18	6 58
S 12	15 12	23 23	3 36	6 30	4 41	15 6	6 49	22 13	0 24	22 26	0 21	17 14	2 1	13 38	0 30	4 3	1 7	1 33	16 38	22 50	22 58	4 8	16 19	6 58
M13	14 54	24 50	2 40	6 38	4 46	15 10	6 46	22 18	0 24	22 27	0 21	17 15	2 1	13 38	0 30	4 2	1 7	1 33	16 38	22 50	22 58	4 5	16 19	6 57
T 14	14 36	24 53	1 32	6 49	4 49	15 13	6 43	22 23	0 23	22 28	0 21	17 15	2 1	13 38	0 30	4 1	1 7	1 33	16 38	22 50	22 58	4 2	16 20	6 57
W15	14 17	23 23	0 18	7 2	4 50	15 16	6 39	22 28	0 22	22 29	0 22	17 16	2 0	13 38	0 30	4 1	1 7	1 34	16 39	22 49	22 58	3 59	16 20	6 57
T 16	13 59	20 19	1n 1	7 18	4 50	15 19	6 35	22 33	0 21	22 29	0 22	17 17	2 0	13 38	0 30	4 0	1 7	1 34	16 39	22 50	22 59	3 56	16 21	6 56
F 17	13 40	15 52	2 17	7 37	4 48	15 22	6 30	22 37	0 20	22 30	0 22	17 17	2 0	13 38	0 30	3 59	1 7	1 34	16 39	22 50	22 59	3 53	16 21	6 56
S 18	13 21	10 20	3 25	7 58	4 44	15 26	6 26	22 41	0 19	22 31	0 22	17 18	2 0	13 38	0 30	3 58	1 7	1 35	16 40	22 50	22 59	3 50	16 22	6 55
S 19	13 2	4 9	4 18	8 20	4 38	15 29	6 21	22 45	0 18	22 32	0 22	17 18	1 59	13 38	0 30	3 57	1 7	1 35	16 40	22 51	22 59	3 48	16 22	6 55
M20	12 42	2n14	4 54	8 44	4 30	15 32	6 15	22 49	0 17	22 32	0 22	17 19	1 59	13 37	0 30	3 57	1 7	1 35	16 40	22 51	23 0	3 45	16 23	6 55
T 21	12 22	8 24	5 8	9 10	4 21	15 35	6 10	22 52	0 16	22 33	0 22	17 20	1 59	13 37	0 30	3 56	1 7	1 36	16 40	22 52	23 0	3 42	16 23	6 54
W22	12 2	13 57	5 2	9 36	4 9	15 38	6 4	22 56	0 15	22 34	0 22	17 21	1 59	13 37	0 30	3 55	1 7	1 36	16 41	22 52	23 0	3 39	16 24	6 54
T 23	11 42	18 35	4 37	10 2	3 56	15 40	5 58	22 59	0 14	22 34	0 22	17 21	1 58	13 37	0 30	3 54	1 7	1 37	16 41	22 53	23 0	3 36	16 24	6 53
F 24	11 22	22 3	3 57	10 28	3 42	15 43	5 52	23 2	0 13	22 35	0 22	17 22	1 58	13 37	0 30	3 53	1 7	1 37	16 41	22 53	23 1	3 33	16 25	6 53
S 25	11 2	24 12	3 6	10 53	3 27	15 45	5 46	23 5	0 12	22 36	0 22	17 23	1 58	13 37	0 30	3 52	1 7	1 37	16 42	22 53	23 1	3 30	16 25	6 52
S 26	10 41	24 59	2 6	11 18	3 10	15 47	5 40	23 8	0 11	22 36	0 22	17 24	1 58	13 37	0 30	3 52	1 7	1 38	16 42	22 53	23 1	3 27	16 26	6 52
M27	10 20	24 27	1 1	11 41	2 53	15 49	5 33	23 10	0 10	22 37	0 23	17 24	1 57	13 36	0 30	3 51	1 7	1 38	16 42	22 53	23 1	3 24	16 26	6 52
T 28	9 59	22 43	0s 5	12 3	2 35	15 50	5 27	23 12	0 9	22 37	0 23	17 25	1 57	13 36	0 30	3 50	1 7	1 39	16 43	22 53	23 2	3 21	16 27	6 51
W29	9 38	19 58	1 9	12 22	2 17	15 52	5 20	23 15	0 8	22 38	0 23	17 26	1 57	13 36	0 30	3 49	1 7	1 39	16 43	22 53	23 2	3 18	16 27	6 51
T 30	9 17	16 24	2 10	12 40	1 58	15 53	5 13	23 17	0 7	22 38	0 23	17 27	1 57	13 36	0 30	3 48	1 7	1 39	16 43	22 53	23 2	3 15	16 28	6 50
F 31	8n56	12n13	3s 4	12n54	1s40	15n54	5s 7	23n18	0s 6	22s39	0s23	17s28	1n56	13n35	0s30	3n47	1n 7	1s40	16s44	22s53	23s 2	3n13	16s28	6n50

Julian Day Number = 2489376.5, Delta T = 94.86 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°11'15, Lahiri = 25°18'15

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2103
geocentric

SEPTEMBER 2103 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 38 9	7♍59'43	0♍48	21♌18	26♋40	28♊15	17°R35	26♏31	7°R40	23♍ 3	8°R 7	11°R48	10♑ 5	11♍16	5°R55	S 1
S 2	22 42 6	8°57'44	12°39	21°44	27°16	28°52	17♑33	26°34	7♉39	23° 6	8♉ 6	11♑38	10° 2	11°23	5♑54	S 2
M 3	22 46 2	9°55'47	24°30	22°17	27°53	29°29	17°31	26°37	7°38	23° 8	8° 6	11°27	9°59	11°29	5°53	M 3
T 4	22 49 59	10°53'51	6♎24	22°59	28°31	0♋ 6	17°29	26°40	7°37	23°10	8° 5	11°16	9°56	11°36	5°53	T 4
W 5	22 53 55	11°51'57	18°22	23°48	29°10	0°43	17°27	26°43	7°36	23°12	8° 5	11° 5	9°53	11°43	5°52	W 5
T 6	22 57 52	12°50'05	0♏27	24°45	29°50	1°19	17°25	26°47	7°35	23°14	8° 4	10°56	9°49	11°49	5°52	T 6
F 7	23 1 49	13°48'14	12°40	25°49	0♌31	1°56	17°24	26°50	7°34	23°17	8° 3	10°49	9°46	11°56	5°52	F 7
S 8	23 5 45	14°46'24	25° 6	26°59	1°14	2°32	17°22	26°54	7°32	23°19	8° 3	10°45	9°43	12° 3	5°51	S 8
S 9	23 9 42	15°44'36	7♐47	28°16	1°57	3° 8	17°21	26°58	7°31	23°21	8° 2	10°43	9°40	12°10	5°51	S 9
M10	23 13 38	16°42'49	20°48	29°38	2°41	3°44	17°20	27° 1	7°30	23°23	8° 2	10°D43	9°37	12°16	5°51	M10
T 11	23 17 35	17°41'04	4♑12	1♍ 6	3°27	4°20	17°20	27° 5	7°29	23°25	8° 1	10°R44	9°34	12°23	5°D51	T 11
W12	23 21 31	18°39'21	18° 3	2°38	4°13	4°56	17°19	27° 9	7°27	23°28	8° 0	10°44	9°30	12°30	5°51	W12
T 13	23 25 28	19°37'39	2♒21	4°14	5° 0	5°32	17°19	27°13	7°26	23°30	8° 0	10°42	9°27	12°36	5°51	T 13
F 14	23 29 24	20°35'58	17° 5	5°54	5°47	6° 7	17°D19	27°17	7°25	23°32	7°59	10°38	9°24	12°43	5°51	F 14
S 15	23 33 21	21°34'19	2♓ 9	7°37	6°36	6°42	17°19	27°21	7°23	23°34	7°58	10°31	9°21	12°50	5°52	S 15
S 16	23 37 18	22°32'42	17°26	9°22	7°26	7°17	17°19	27°25	7°22	23°37	7°57	10°22	9°18	12°57	5°52	S 16
M17	23 41 14	23°31'06	2♈44	11°10	8°16	7°52	17°20	27°30	7°20	23°39	7°57	10°12	9°15	13° 3	5°53	M17
T 18	23 45 11	24°29'33	17°53	12°59	9° 7	8°27	17°20	27°34	7°18	23°41	7°56	10° 2	9°11	13°10	5°53	T 18
W19	23 49 7	25°28'01	2♉42	14°49	9°58	9° 2	17°21	27°39	7°17	23°43	7°55	9°53	9° 8	13°17	5°54	W19
T 20	23 53 4	26°26'32	17° 4	16°40	10°50	9°36	17°22	27°43	7°15	23°45	7°54	9°45	9° 5	13°23	5°55	T 20
F 21	23 57 0	27°25'04	0♊56	18°32	11°43	10°11	17°24	27°48	7°13	23°48	7°53	9°41	9° 2	13°30	5°56	F 21
S 22	0 0 57	28°23'39	14°19	20°24	12°37	10°45	17°25	27°52	7°12	23°50	7°53	9°38	8°59	13°37	5°56	S 22
S 23	0 4 53	29°22'17	27°15	22°16	13°31	11°19	17°27	27°57	7°10	23°52	7°52	9°D38	8°55	13°43	5°57	S 23
M24	0 8 50	0♎20'56	9♋48	24° 8	14°26	11°52	17°28	28° 2	7° 8	23°54	7°51	9°R38	8°52	13°50	5°59	M24
T 25	0 12 46	1°19'38	22° 3	25°59	15°21	12°26	17°30	28° 7	7° 6	23°57	7°50	9°37	8°49	13°57	6° 0	T 25
W26	0 16 43	2°18'22	4♌ 5	27°51	16°17	12°59	17°33	28°12	7° 4	23°59	7°49	9°35	8°46	14° 4	6° 1	W26
T 27	0 20 40	3°17'08	15°59	29°41	17°14	13°32	17°35	28°17	7° 3	24° 1	7°48	9°31	8°43	14°10	6° 2	T 27
F 28	0 24 36	4°15'56	27°50	1♎31	18°11	14° 5	17°38	28°22	7° 1	24° 3	7°47	9°23	8°40	14°17	6° 4	F 28
S 29	0 28 33	5°14'46	9♍40	3°20	19° 8	14°38	17°40	28°27	6°59	24° 5	7°47	9°13	8°36	14°24	6° 5	S 29
S 30	0 32 29	6♎13'38	21♍31	5♎ 9	20♌ 6	15♋11	17♑43	28♏32	6♉57	24♍ 8	7♉46	9♑ 1	8♑33	14♍30	6♑ 7	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n34	7n35	3s50	13n 6	1s22	15n54	5s 0	23n20	0s 5	22s39	0s23	17s29	1n56	13n35	0s30	3n46	1n 7	1s40	16s44	22s54	23s 3	3n10	16s29	6n49
S 2	8 12	2 42	4 26	13 15	1 4	15 54	4 53	23 22	0 4	22 39	0 23	17 30	1 56	13 35	0 30	3 46	1 7	1 41	16 44	22 55	23 3	3 7	16 29	6 49
M 3	7 50	2s16	4 51	13 21	0 46	15 54	4 46	23 23	0 3	22 40	0 23	17 31	1 56	13 34	0 30	3 45	1 7	1 41	16 44	22 56	23 3	3 4	16 30	6 48
T 4	7 29	7 10	5 2	13 23	0 29	15 54	4 39	23 24	0 2	22 40	0 23	17 32	1 55	13 34	0 30	3 44	1 7	1 41	16 45	22 57	23 3	3 1	16 30	6 48
W 5	7 6	11 50	5 1	13 22	0 13	15 53	4 32	23 25	0 0	22 40	0 23	17 33	1 55	13 34	0 30	3 43	1 7	1 42	16 45	22 58	23 4	2 58	16 31	6 47
T 6	6 44	16 5	4 46	13 18	0n 2	15 51	4 25	23 26	0n 1	22 41	0 23	17 34	1 55	13 33	0 30	3 42	1 7	1 42	16 45	22 59	23 4	2 55	16 31	6 47
F 7	6 22	19 44	4 18	13 10	0 16	15 50	4 18	23 27	0 2	22 41	0 23	17 35	1 55	13 33	0 30	3 41	1 7	1 43	16 45	22 59	23 4	2 52	16 32	6 46
S 8	6 0	22 33	3 38	12 59	0 30	15 48	4 11	23 27	0 3	22 41	0 23	17 36	1 55	13 32	0 30	3 40	1 7	1 43	16 46	22 59	23 4	2 49	16 32	6 46
S 9	5 37	24 19	2 46	12 44	0 42	15 45	4 4	23 27	0 4	22 41	0 23	17 37	1 54	13 32	0 30	3 40	1 7	1 44	16 46	23 0	23 4	2 46	16 33	6 45
M10	5 15	24 50	1 44	12 26	0 54	15 43	3 56	23 28	0 5	22 41	0 23	17 38	1 54	13 32	0 30	3 39	1 7	1 44	16 46	23 0	23 5	2 43	16 33	6 45
T 11	4 52	23 56	0 35	12 5	1 4	15 39	3 49	23 28	0 6	22 42	0 23	17 39	1 54	13 31	0 30	3 38	1 7	1 45	16 46	23 0	23 5	2 41	16 34	6 44
W12	4 29	21 34	0n39	11 40	1 13	15 36	3 42	23 28	0 8	22 42	0 24	17 40	1 54	13 31	0 30	3 37	1 7	1 45	16 47	23 0	23 5	2 38	16 34	6 44
T 13	4 6	17 48	1 52	11 13	1 21	15 32	3 35	23 27	0 9	22 42	0 24	17 41	1 53	13 30	0 30	3 36	1 7	1 45	16 47	23 0	23 5	2 35	16 35	6 43
F 14	3 43	12 51	3 0	10 43	1 28	15 27	3 28	23 27	0 10	22 42	0 24	17 42	1 53	13 30	0 30	3 35	1 7	1 46	16 47	23 0	23 6	2 32	16 35	6 43
S 15	3 20	7 1	3 57	10 10	1 34	15 22	3 21	23 27	0 11	22 42	0 24	17 43	1 53	13 29	0 30	3 34	1 7	1 46	16 47	23 1	23 6	2 29	16 36	6 42
S 16	2 57	0 42	4 38	9 35	1 39	15 17	3 14	23 26	0 12	22 42	0 24	17 45	1 53	13 29	0 30	3 33	1 7	1 47	16 48	23 1	23 6	2 26	16 36	6 42
M17	2 34	5n40	4 59	8 58	1 43	15 11	3 7	23 25	0 14	22 42	0 24	17 46	1 53	13 28	0 30	3 33	1 7	1 47	16 48	23 2	23 6	2 23	16 37	6 41
T 18	2 11	11 37	4 59	8 19	1 46	15 4	3 0	23 24	0 15	22 42	0 24	17 47	1 52	13 28	0 30	3 32	1 7	1 48	16 48	23 3	23 6	2 20	16 37	6 41
W19	1 48	16 45	4 38	7 38	1 48	14 58	2 53	23 23	0 16	22 42	0 24	17 48	1 52	13 27	0 30	3 31	1 7	1 48	16 48	23 4	23 7	2 17	16 38	6 40
T 20	1 25	20 46	4 0	6 56	1 49	14 50	2 46	23 22	0 17	22 42	0 24	17 49	1 52	13 27	0 30	3 30	1 7	1 48	16 49	23 4	23 7	2 14	16 38	6 40
F 21	1 2	23 26	3 10	6 13	1 50	14 43	2 39	23 21	0 19	22 42	0 24	17 50	1 52	13 26	0 30	3 29	1 7	1 49	16 49	23 4	23 7	2 11	16 39	6 39
S 22	0 38	24 39	2 10	5 29	1 50	14 34	2 32	23 19	0 20	22 41	0 24	17 52	1 52	13 26	0 30	3 28	1 7	1 49	16 49	23 5	23 7	2 9	16 39	6 39
S 23	0 15	24 29	1 5	4 44	1 49	14 26	2 25	23 18	0 21	22 41	0 24	17 53	1 51	13 25	0 30	3 27	1 7	1 50	16 49	23 5	23 8	2 6	16 40	6 38
M24	0s 8	23 3	0s 1	3 58	1 47	14 17	2 19	23 16	0 22	22 41	0 24	17 54	1 51	13 24	0 31	3 26	1 7	1 50	16 49	23 5	23 8	2 3	16 40	6 38
T 25	0 32	20 33	1 5	3 12	1 45	14 7	2 12	23 14	0 24	22 41	0 24	17 55	1 51	13 24	0 31	3 26	1 7	1 51	16 50	23 5	23 8	2 0	16 41	6 37
W26	0 55	17 11	2 6	2 25	1 42	13 57	2 5	23 12	0 25	22 41	0 24	17 57	1 51	13 23	0 31	3 25	1 7	1 51	16 50	23 5	23 8	1 57	16 41	6 37
T 27	1 18	13 11	2 59	1 38	1 39	13 46	1 59	23 10	0 26	22 40	0 24	17 58	1 51	13 23	0 31	3 24	1 7	1 52	16 50	23 5	23 8	1 54	16 42	6 36
F 28	1 42	8 42	3 45	0 51	1 35	13 35	1 52	23 8	0 28	22 40	0 24	17 59	1 50	13 22	0 31	3 23	1 7	1 52	16 50	23 6	23 9	1 51	16 42	6 36
S 29	2 5	3 54	4 21	0 4	1 31	13 24	1 46	23 6	0 29	22 40	0 24	18 1	1 50	13 21	0 31	3 22	1 7	1 53	16 50	23 6	23 9	1 48	16 43	6 35
S 30	2s28	1s 1	4s46	0s43	1n26	13n12	1s39	23n 4	0n30	22s39	0s24	18s 2	1n50	13n21	0s31	3n21	1n 7	1s53	16s51	23s 7	23s 9	1n45	16s43	6n35

Julian Day Number = 2489407.5, Delta T = 94.90 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°11'19, Lahiri = 25°18'20

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ASTRODIENST EPHEMERIS for the year 2103
geocentric

OCTOBER 2103 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 36 26	7♎12'33	3♎27	6♎57	21♌ 5	15♋43	17♑46	28♏37	6°R55	24♍10	7°R45	8°R47	8♑30	14♍37	6♑ 8	M 1
T 2	0 40 22	8°11'29	15°27	8°44	22° 4	16°15	17°50	28°42	6♑53	24°12	7♑44	8♑32	8°27	14°44	6°10	T 2
W 3	0 44 19	9°10'27	27°34	10°30	23° 3	16°47	17°53	28°48	6°51	24°14	7°43	8°18	8°24	14°51	6°12	W 3
T 4	0 48 15	10° 9'28	9♏48	12°15	24° 3	17°19	17°57	28°53	6°48	24°16	7°42	8° 7	8°21	14°57	6°14	T 4
F 5	0 52 12	11° 8'30	22°10	13°59	25° 3	17°50	18° 1	28°59	6°46	24°18	7°41	7°58	8°17	15° 4	6°16	F 5
S 6	0 56 9	12° 7'34	4♐43	15°43	26° 4	18°22	18° 5	29° 4	6°44	24°21	7°40	7°51	8°14	15°11	6°18	S 6
S 7	1 0 5	13° 6'40	17°29	17°26	27° 4	18°53	18° 9	29°10	6°42	24°23	7°39	7°48	8°11	15°17	6°20	S 7
M 8	1 4 2	14° 5'48	0♑30	19° 7	28° 6	19°23	18°13	29°16	6°40	24°25	7°38	7°47	8° 8	15°24	6°22	M 8
T 9	1 7 58	15° 4'58	13°50	20°48	29° 8	19°54	18°18	29°21	6°38	24°27	7°37	7°47	8° 5	15°31	6°25	T 9
W10	1 11 55	16° 4'09	27°32	22°29	0♍10	20°24	18°23	29°27	6°35	24°29	7°36	7°47	8° 1	15°38	6°27	W10
T 11	1 15 51	17° 3'22	11♒37	24° 8	1°12	20°54	18°28	29°33	6°33	24°31	7°35	7°45	7°58	15°44	6°30	T 11
F 12	1 19 48	18° 2'37	26° 4	25°47	2°15	21°24	18°33	29°39	6°31	24°33	7°34	7°41	7°55	15°51	6°32	F 12
S 13	1 23 44	19° 1'53	10♓52	27°25	3°18	21°54	18°38	29°45	6°28	24°35	7°33	7°34	7°52	15°58	6°35	S 13
S 14	1 27 41	20° 1'12	25°54	29° 2	4°21	22°23	18°43	29°51	6°26	24°37	7°31	7°25	7°49	16° 4	6°37	S 14
M15	1 31 38	21° 0'32	11♈ 1	0♏38	5°25	22°52	18°49	29°57	6°24	24°39	7°30	7°14	7°46	16°11	6°40	M15
T 16	1 35 34	21°59'54	26° 4	2°14	6°29	23°21	18°55	0♐ 3	6°21	24°41	7°29	7° 3	7°42	16°18	6°43	T 16
W17	1 39 31	22°59'18	10♉51	3°49	7°33	23°49	19° 0	0° 9	6°19	24°43	7°28	6°53	7°39	16°25	6°46	W17
T 18	1 43 27	23°58'45	25°15	5°23	8°38	24°17	19° 7	0°15	6°17	24°45	7°27	6°45	7°36	16°31	6°49	T 18
F 19	1 47 24	24°58'13	9♊12	6°57	9°43	24°45	19°13	0°21	6°14	24°47	7°26	6°40	7°33	16°38	6°52	F 19
S 20	1 51 20	25°57'44	22°40	8°30	10°48	25°13	19°19	0°28	6°12	24°49	7°25	6°37	7°30	16°45	6°55	S 20
S 21	1 55 17	26°57'18	5♋41	10° 2	11°54	25°40	19°26	0°34	6° 9	24°51	7°24	6°D36	7°26	16°51	6°58	S 21
M22	1 59 13	27°56'53	18°18	11°34	13° 0	26° 7	19°32	0°40	6° 7	24°53	7°23	6°37	7°23	16°58	7° 2	M22
T 23	2 3 10	28°56'31	0♌35	13° 5	14° 6	26°34	19°39	0°47	6° 5	24°55	7°22	6°R37	7°20	17° 5	7° 5	T 23
W24	2 7 7	29°56'11	12°38	14°36	15°12	27° 0	19°46	0°53	6° 2	24°57	7°20	6°36	7°17	17°12	7° 9	W24
T 25	2 11 3	0♏55'53	24°32	16° 6	16°18	27°27	19°53	1° 0	6° 0	24°59	7°19	6°33	7°14	17°18	7°12	T 25
F 26	2 15 0	1°55'37	6♍23	17°35	17°25	27°52	20° 1	1° 6	5°57	25° 1	7°18	6°28	7°11	17°25	7°16	F 26
S 27	2 18 56	2°55'24	18°13	19° 4	18°32	28°18	20° 8	1°13	5°55	25° 3	7°17	6°20	7° 7	17°32	7°19	S 27
S 28	2 22 53	3°55'13	0♎ 8	20°32	19°39	28°43	20°16	1°19	5°52	25° 5	7°16	6°10	7° 4	17°38	7°23	S 28
M29	2 26 49	4°55'04	12° 9	21°59	20°47	29° 7	20°24	1°26	5°50	25° 6	7°15	5°58	7° 1	17°45	7°27	M29
T 30	2 30 46	5°54'56	24°18	23°26	21°54	29°32	20°31	1°32	5°47	25° 8	7°14	5°47	6°58	17°52	7°30	T 30
W31	2 34 42	6♏54'51	6♏36	24♏52	23♍ 2	29♋56	20♑39	1♐39	5♑45	25♍10	7♑13	5♑35	6♑55	17♍59	7♑34	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2s52	5s56	4s58	1s30	1n22	13n 0	1s33	23n 2	0n32	22s39	0s24	18s 3	1n50	13n20	0s31	3n20	1n 7	1s53	16s51	23s 8	23s 9	1n42	16s43	6n34
T 2	3 15	10 39	4 57	2 17	1 16	12 47	1 27	22 59	0 33	22 39	0 24	18 5	1 50	13 19	0 31	3 20	1 7	1 54	16 51	23 9	23 9	1 40	16 44	6 34
W 3	3 38	15 0	4 43	3 4	1 11	12 33	1 21	22 57	0 35	22 38	0 24	18 6	1 50	13 19	0 31	3 19	1 7	1 54	16 51	23 10	23 10	1 37	16 44	6 33
T 4	4 1	18 47	4 16	3 50	1 5	12 20	1 14	22 54	0 36	22 38	0 25	18 7	1 49	13 18	0 31	3 18	1 7	1 55	16 51	23 11	23 10	1 34	16 45	6 33
F 5	4 24	21 46	3 36	4 36	1 0	12 6	1 8	22 51	0 37	22 37	0 25	18 9	1 49	13 17	0 31	3 17	1 7	1 55	16 51	23 11	23 10	1 31	16 45	6 32
S 6	4 47	23 46	2 45	5 21	0 54	11 51	1 2	22 49	0 39	22 37	0 25	18 10	1 49	13 16	0 31	3 16	1 7	1 56	16 51	23 12	23 10	1 28	16 45	6 32
S 7	5 10	24 35	1 45	6 7	0 47	11 36	0 56	22 46	0 40	22 36	0 25	18 11	1 49	13 16	0 31	3 15	1 7	1 56	16 52	23 12	23 10	1 25	16 46	6 31
M 8	5 33	24 4	0 38	6 51	0 41	11 20	0 50	22 43	0 42	22 36	0 25	18 13	1 49	13 15	0 31	3 15	1 7	1 56	16 52	23 12	23 11	1 22	16 46	6 31
T 9	5 56	22 11	0n32	7 35	0 34	11 4	0 45	22 40	0 43	22 35	0 25	18 14	1 49	13 14	0 31	3 14	1 7	1 57	16 52	23 12	23 11	1 19	16 47	6 30
W10	6 19	18 58	1 42	8 19	0 28	10 48	0 39	22 37	0 45	22 34	0 25	18 15	1 48	13 14	0 31	3 13	1 7	1 57	16 52	23 12	23 11	1 16	16 47	6 30
T 11	6 42	14 35	2 49	9 2	0 21	10 31	0 33	22 34	0 46	22 34	0 25	18 17	1 48	13 13	0 31	3 12	1 7	1 58	16 52	23 12	23 11	1 14	16 47	6 29
F 12	7 4	9 17	3 46	9 44	0 14	10 14	0 28	22 31	0 48	22 33	0 25	18 18	1 48	13 12	0 31	3 11	1 7	1 58	16 52	23 12	23 11	1 11	16 48	6 29
S 13	7 27	3 20	4 29	10 26	0 8	9 57	0 22	22 27	0 49	22 33	0 25	18 20	1 48	13 11	0 31	3 11	1 7	1 59	16 52	23 13	23 12	1 8	16 48	6 28
S 14	7 49	2n53	4 55	11 7	0 1	9 39	0 17	22 24	0 51	22 32	0 25	18 21	1 48	13 11	0 31	3 10	1 7	1 59	16 52	23 13	23 12	1 5	16 48	6 28
M15	8 12	8 58	5 0	11 47	0s 6	9 20	0 12	22 21	0 52	22 31	0 25	18 23	1 48	13 10	0 31	3 9	1 7	1 59	16 52	23 14	23 12	1 2	16 49	6 27
T 16	8 34	14 29	4 45	12 27	0 13	9 2	0 7	22 18	0 54	22 30	0 25	18 24	1 47	13 9	0 31	3 8	1 7	2 0	16 53	23 14	23 12	0 59	16 49	6 27
W17	8 56	19 2	4 10	13 6	0 20	8 42	0 1	22 14	0 56	22 29	0 25	18 25	1 47	13 8	0 31	3 7	1 7	2 0	16 53	23 15	23 12	0 56	16 49	6 26
T 18	9 18	22 19	3 20	13 44	0 27	8 23	0n 4	22 11	0 57	22 29	0 25	18 27	1 47	13 7	0 31	3 7	1 7	2 1	16 53	23 15	23 12	0 53	16 50	6 26
F 19	9 40	24 7	2 20	14 22	0 34	8 3	0 8	22 8	0 59	22 28	0 25	18 28	1 47	13 7	0 31	3 6	1 7	2 1	16 53	23 16	23 13	0 50	16 50	6 25
S 20	10 1	24 27	1 13	14 58	0 41	7 43	0 13	22 4	1 0	22 27	0 25	18 30	1 47	13 6	0 31	3 5	1 7	2 1	16 53	23 16	23 13	0 48	16 50	6 25
S 21	10 23	23 23	0 5	15 34	0 48	7 22	0 18	22 1	1 2	22 26	0 25	18 31	1 47	13 5	0 31	3 4	1 7	2 2	16 53	23 16	23 13	0 45	16 51	6 24
M22	10 44	21 9	1s 2	16 9	0 54	7 2	0 23	21 58	1 4	22 25	0 25	18 33	1 47	13 4	0 31	3 4	1 7	2 2	16 53	23 16	23 13	0 42	16 51	6 24
T 23	11 6	18 0	2 4	16 44	1 1	6 40	0 27	21 54	1 6	22 24	0 25	18 34	1 46	13 3	0 31	3 3	1 7	2 2	16 53	23 16	23 13	0 39	16 51	6 24
W24	11 27	14 8	2 59	17 17	1 8	6 19	0 32	21 51	1 7	22 23	0 25	18 35	1 46	13 3	0 31	3 2	1 7	2 3	16 53	23 16	23 14	0 36	16 51	6 23
T 25	11 48	9 47	3 46	17 50	1 14	5 57	0 36	21 47	1 9	22 22	0 25	18 37	1 46	13 2	0 31	3 1	1 7	2 3	16 53	23 16	23 14	0 33	16 52	6 23
F 26	12 8	5 5	4 23	18 21	1 21	5 35	0 40	21 44	1 11	22 21	0 25	18 38	1 46	13 1	0 31	3 1	1 7	2 4	16 53	23 16	23 14	0 30	16 52	6 22
S 27	12 29	0 14	4 48	18 52	1 27	5 13	0 44	21 41	1 13	22 20	0 25	18 40	1 46	13 0	0 31	3 0	1 8	2 4	16 53	23 16	23 14	0 27	16 52	6 22
S 28	12 49	4s40	5 1	19 22	1 33	4 50	0 48	21 37	1 14	22 19	0 25	18 41	1 46	12 59	0 31	2 59	1 8	2 4	16 53	23 17	23 14	0 25	16 52	6 21
M29	13 9	9 25	5 1	19 51	1 39	4 27	0 52	21 34	1 16	22 18	0 25	18 43	1 46	12 59	0 31	2 59	1 8	2 5	16 53	23 17	23 14	0 22	16 53	6 21
T 30	13 29	13 52	4 48	20 19	1 45	4 4	0 56	21 31	1 18	22 17	0 25	18 44	1 46	12 58	0 31	2 58	1 8	2 5	16 53	23 18	23 15	0 19	16 53	6 21
W31	13s49	17s49	4s21	20s46	1s50	3n41	1n 0	21n27	1n20	22s16	0s25	18s45	1n45	12n57	0s31	2n57	1n 8	2s 5	16s53	23s18	23s15	0n16	16s53	6n20

Julian Day Number = 2489437.5, Delta T = 94.94 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°11'23, Lahiri = 25°18'24

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ASTRODIENST EPHEMERIS for the year 2103
geocentric

NOVEMBER 2103 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	⚷	☊	⚸	⚳	⚴	Day
T 1	2 38 39	7♏54'48	19♏ 5	26♏18	24♍10	0♌19	20♑48	1♐46	5°R42	25♍12	7°R11	5°R26	6♑52	18♍ 5	7♑38	T 1
F 2	2 42 36	8°54'47	1♐43	27°43	25°18	0°43	20°56	1°53	5♉40	25°13	7♉10	5♑18	6°48	18°12	7°42	F 2
S 3	2 46 32	9°54'48	14°32	29° 7	26°27	1° 5	21° 4	1°59	5°38	25°15	7° 9	5°14	6°45	18°19	7°46	S 3
S 4	2 50 29	10°54'50	27°33	0♐30	27°35	1°28	21°13	2° 6	5°35	25°17	7° 8	5°12	6°42	18°25	7°51	S 4
M 5	2 54 25	11°54'54	10♑46	1°52	28°44	1°50	21°22	2°13	5°33	25°19	7° 7	5°D11	6°39	18°32	7°55	M 5
T 6	2 58 22	12°55'00	24°12	3°13	29°53	2°11	21°31	2°20	5°30	25°20	7° 6	5°12	6°36	18°39	7°59	T 6
W 7	3 2 18	13°55'07	7♒54	4°34	1♎ 2	2°33	21°40	2°27	5°28	25°22	7° 5	5°R13	6°32	18°46	8° 3	W 7
T 8	3 6 15	14°55'16	21°51	5°53	2°11	2°53	21°49	2°34	5°25	25°23	7° 4	5°13	6°29	18°52	8° 8	T 8
F 9	3 10 11	15°55'26	6♓ 4	7°11	3°21	3°14	21°58	2°40	5°23	25°25	7° 2	5°11	6°26	18°59	8°12	F 9
S 10	3 14 8	16°55'37	20°31	8°27	4°30	3°33	22° 7	2°47	5°20	25°27	7° 1	5° 7	6°23	19° 6	8°17	S 10
S 11	3 18 5	17°55'50	5♈ 9	9°42	5°40	3°53	22°17	2°54	5°18	25°28	7° 0	5° 2	6°20	19°12	8°21	S 11
M12	3 22 1	18°56'05	19°51	10°56	6°50	4°12	22°26	3° 1	5°16	25°30	6°59	4°55	6°17	19°19	8°26	M12
T 13	3 25 58	19°56'21	4♉30	12° 8	8° 0	4°30	22°36	3° 8	5°13	25°31	6°58	4°47	6°13	19°26	8°30	T 13
W14	3 29 54	20°56'39	19° 0	13°17	9°10	4°48	22°46	3°15	5°11	25°33	6°57	4°40	6°10	19°33	8°35	W14
T 15	3 33 51	21°56'58	3♊12	14°24	10°21	5° 6	22°56	3°22	5° 9	25°34	6°56	4°35	6° 7	19°39	8°40	T 15
F 16	3 37 47	22°57'20	17° 3	15°29	11°31	5°23	23° 6	3°29	5° 6	25°35	6°55	4°32	6° 4	19°46	8°45	F 16
S 17	3 41 44	23°57'43	0♋30	16°30	12°42	5°39	23°16	3°36	5° 4	25°37	6°54	4°D30	6° 1	19°53	8°50	S 17
S 18	3 45 40	24°58'08	13°33	17°28	13°53	5°55	23°26	3°44	5° 2	25°38	6°53	4°30	5°58	19°59	8°55	S 18
M19	3 49 37	25°58'35	26°13	18°23	15° 4	6°10	23°37	3°51	5° 0	25°39	6°52	4°32	5°54	20° 6	8°59	M19
T 20	3 53 34	26°59'03	8♌34	19°13	16°15	6°25	23°47	3°58	4°57	25°41	6°51	4°34	5°51	20°13	9° 4	T 20
W21	3 57 30	27°59'34	20°40	19°58	17°26	6°39	23°58	4° 5	4°55	25°42	6°49	4°35	5°48	20°20	9° 9	W21
T 22	4 1 27	29° 0'06	2♍37	20°38	18°37	6°53	24° 9	4°12	4°53	25°43	6°48	4°R35	5°45	20°26	9°15	T 22
F 23	4 5 23	0♐ 0'40	14°29	21°12	19°48	7° 6	24°19	4°19	4°51	25°44	6°47	4°34	5°42	20°33	9°20	F 23
S 24	4 9 20	1° 1'15	26°21	21°39	21° 0	7°19	24°30	4°26	4°49	25°46	6°46	4°31	5°38	20°40	9°25	S 24
S 25	4 13 16	2° 1'53	8♎18	21°59	22°12	7°31	24°41	4°33	4°46	25°47	6°45	4°27	5°35	20°46	9°30	S 25
M26	4 17 13	3° 2'31	20°22	22°10	23°23	7°42	24°53	4°40	4°44	25°48	6°44	4°22	5°32	20°53	9°35	M26
T 27	4 21 9	4° 3'12	2♏39	22°R12	24°35	7°52	25° 4	4°48	4°42	25°49	6°43	4°16	5°29	21° 0	9°41	T 27
W28	4 25 6	5° 3'54	15° 8	22° 5	25°47	8° 2	25°15	4°55	4°40	25°50	6°42	4°11	5°26	21° 7	9°46	W28
T 29	4 29 3	6° 4'38	27°51	21°47	26°59	8°12	25°26	5° 2	4°38	25°51	6°41	4° 6	5°23	21°13	9°51	T 29
F 30	4 32 59	7♐ 5'23	10♐49	21♐18	28♎11	8♌20	25♑38	5♐ 9	4♉36	25♍52	6♉40	4♑ 3	5♑19	21♍20	9♑57	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚷	☊	⚸	⚳	⚴	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	14s 8	21s 1	3s41	21s12	1s56	3n17	1n 3	21n24	1n22	22s14	0s25	18s47	1n45	12n56	0s31	2n57	1n 8	2s 6	16s53	23s19	23s15	0n13	16s53	6n20
F 2	14 28	23 15	2 49	21 36	2 1	2 53	1 7	21 21	1 24	22 13	0 26	18 48	1 45	12 55	0 31	2 56	1 8	2 6	16 53	23 19	23 15	0 10	16 53	6 19
S 3	14 47	24 19	1 48	22 0	2 6	2 29	1 10	21 18	1 26	22 12	0 26	18 50	1 45	12 55	0 31	2 55	1 8	2 6	16 53	23 19	23 15	0 7	16 53	6 19
S 4	15 6	24 5	0 41	22 23	2 11	2 5	1 14	21 15	1 27	22 10	0 26	18 51	1 45	12 54	0 30	2 55	1 8	2 7	16 53	23 19	23 15	0 5	16 54	6 19
M 5	15 24	22 30	0n30	22 44	2 16	1 41	1 17	21 12	1 29	22 9	0 26	18 53	1 45	12 53	0 30	2 54	1 8	2 7	16 53	23 19	23 16	0 2	16 54	6 18
T 6	15 42	19 37	1 40	23 5	2 20	1 16	1 20	21 9	1 31	22 8	0 26	18 54	1 45	12 52	0 30	2 53	1 8	2 7	16 53	23 19	23 16	0s 1	16 54	6 18
W 7	16 0	15 36	2 47	23 24	2 24	0 51	1 23	21 6	1 33	22 6	0 26	18 56	1 45	12 51	0 30	2 53	1 8	2 7	16 53	23 19	23 16	0 4	16 54	6 18
T 8	16 18	10 41	3 44	23 42	2 27	0 27	1 26	21 3	1 35	22 5	0 26	18 57	1 45	12 51	0 30	2 52	1 8	2 8	16 53	23 19	23 16	0 7	16 54	6 17
F 9	16 36	5 7	4 29	23 58	2 31	0 2	1 29	21 0	1 37	22 4	0 26	18 58	1 45	12 50	0 30	2 52	1 8	2 8	16 53	23 19	23 16	0 10	16 54	6 17
S 10	16 53	0n49	4 58	24 14	2 34	0s24	1 31	20 58	1 40	22 2	0 26	19 0	1 44	12 49	0 30	2 51	1 8	2 8	16 53	23 20	23 16	0 13	16 54	6 17
S 11	17 10	6 45	5 8	24 28	2 36	0 49	1 34	20 55	1 42	22 1	0 26	19 1	1 44	12 48	0 30	2 50	1 8	2 9	16 53	23 20	23 16	0 15	16 54	6 16
M12	17 27	12 20	4 57	24 41	2 38	1 14	1 36	20 53	1 44	21 59	0 26	19 3	1 44	12 47	0 30	2 50	1 8	2 9	16 52	23 20	23 17	0 18	16 54	6 16
T 13	17 43	17 13	4 28	24 52	2 39	1 40	1 39	20 50	1 46	21 57	0 26	19 4	1 44	12 47	0 30	2 49	1 8	2 9	16 52	23 20	23 17	0 21	16 54	6 16
W14	17 59	21 0	3 41	25 2	2 40	2 5	1 41	20 48	1 48	21 56	0 26	19 5	1 44	12 46	0 30	2 49	1 8	2 9	16 52	23 21	23 17	0 24	16 54	6 15
T 15	18 15	23 25	2 41	25 11	2 41	2 31	1 43	20 46	1 50	21 54	0 26	19 7	1 44	12 45	0 30	2 48	1 8	2 10	16 52	23 21	23 17	0 27	16 54	6 15
F 16	18 30	24 21	1 33	25 18	2 41	2 56	1 45	20 44	1 52	21 53	0 26	19 8	1 44	12 44	0 30	2 48	1 8	2 10	16 52	23 21	23 17	0 30	16 54	6 15
S 17	18 45	23 47	0 22	25 23	2 40	3 22	1 47	20 42	1 55	21 51	0 26	19 10	1 44	12 44	0 30	2 47	1 8	2 10	16 52	23 21	23 17	0 33	16 54	6 14
S 18	19 0	21 56	0s49	25 28	2 38	3 48	1 49	20 40	1 57	21 49	0 26	19 11	1 44	12 43	0 30	2 47	1 8	2 10	16 52	23 21	23 18	0 35	16 54	6 14
M19	19 14	19 1	1 55	25 30	2 36	4 14	1 51	20 39	1 59	21 47	0 26	19 12	1 44	12 42	0 30	2 46	1 8	2 10	16 52	23 21	23 18	0 38	16 54	6 14
T 20	19 28	15 18	2 55	25 31	2 32	4 40	1 52	20 37	2 1	21 46	0 26	19 14	1 44	12 41	0 30	2 46	1 8	2 11	16 52	23 21	23 18	0 41	16 54	6 13
W21	19 42	11 2	3 45	25 30	2 28	5 5	1 54	20 36	2 4	21 44	0 26	19 15	1 44	12 41	0 30	2 45	1 8	2 11	16 51	23 21	23 18	0 44	16 54	6 13
T 22	19 55	6 25	4 25	25 28	2 23	5 31	1 55	20 34	2 6	21 42	0 26	19 17	1 44	12 40	0 30	2 45	1 8	2 11	16 51	23 21	23 18	0 47	16 54	6 13
F 23	20 8	1 36	4 53	25 24	2 16	5 57	1 56	20 33	2 9	21 40	0 26	19 18	1 44	12 39	0 30	2 44	1 9	2 11	16 51	23 21	23 18	0 50	16 54	6 13
S 24	20 21	3s16	5 9	25 18	2 8	6 22	1 57	20 33	2 11	21 38	0 26	19 19	1 43	12 39	0 30	2 44	1 9	2 11	16 51	23 21	23 18	0 52	16 54	6 12
S 25	20 33	8 3	5 11	25 10	1 59	6 48	1 59	20 32	2 13	21 36	0 26	19 21	1 43	12 38	0 30	2 44	1 9	2 11	16 51	23 21	23 18	0 55	16 54	6 12
M26	20 45	12 35	5 0	25 0	1 49	7 14	1 59	20 31	2 16	21 34	0 26	19 22	1 43	12 37	0 30	2 43	1 9	2 12	16 51	23 21	23 19	0 58	16 54	6 12
T 27	20 57	16 41	4 35	24 49	1 37	7 39	2 0	20 31	2 18	21 32	0 26	19 23	1 43	12 37	0 30	2 43	1 9	2 12	16 50	23 21	23 19	1 1	16 54	6 12
W28	21 8	20 8	3 56	24 35	1 24	8 5	2 1	20 31	2 21	21 30	0 26	19 25	1 43	12 36	0 30	2 42	1 9	2 12	16 50	23 22	23 19	1 4	16 54	6 11
T 29	21 19	22 41	3 5	24 19	1 9	8 30	2 2	20 31	2 23	21 28	0 26	19 26	1 43	12 35	0 30	2 42	1 9	2 12	16 50	23 22	23 19	1 7	16 53	6 11
F 30	21s29	24s 6	2s 4	24s 1	0s53	8s55	2n 2	20n31	2n26	21s26	0s27	19s27	1n43	12n35	0s30	2n42	1n 9	2s12	16s50	23s22	23s19	1s 9	16s53	6n11

Julian Day Number = 2489468.5, Delta T = 94.98 sec
Ecliptic obliquity = 23°25'34, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°11'28, Lahiri = 25°18'28

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ASTRODIENST EPHEMERIS for the year 2103
geocentric

DECEMBER 2103 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 36 56	8♐ 6'09	24♐ 1	20°R38	29♎23	8♌28	25♑50	5♐16	4°R34	25♍53	6°R39	4°R 1	5♑16	21♍27	10♑ 2	S 1
S 2	4 40 52	9° 6'57	7♑26	19♐47	0♏36	8°35	26° 1	5°23	4♉32	25°54	6♉39	4°D 1	5°13	21°34	10° 8	S 2
M 3	4 44 49	10° 7'46	21° 2	18°47	1°48	8°42	26°13	5°30	4°31	25°55	6°38	4♑ 2	5°10	21°40	10°13	M 3
T 4	4 48 45	11° 8'35	4♒48	17°38	3° 0	8°48	26°25	5°37	4°29	25°56	6°37	4° 3	5° 7	21°47	10°19	T 4
W 5	4 52 42	12° 9'26	18°43	16°21	4°13	8°53	26°37	5°45	4°27	25°56	6°36	4° 5	5° 4	21°54	10°24	W 5
T 6	4 56 38	13°10'17	2♓45	15° 1	5°26	8°57	26°49	5°52	4°25	25°57	6°35	4° 6	5° 0	22° 0	10°30	T 6
F 7	5 0 35	14°11'09	16°54	13°38	6°38	9° 0	27° 1	5°59	4°23	25°58	6°34	4°R 6	4°57	22° 7	10°36	F 7
S 8	5 4 32	15°12'02	1♈ 7	12°16	7°51	9° 3	27°13	6° 6	4°22	25°59	6°33	4° 5	4°54	22°14	10°41	S 8
S 9	5 8 28	16°12'56	15°22	10°57	9° 4	9° 5	27°25	6°13	4°20	25°59	6°32	4° 4	4°51	22°21	10°47	S 9
M10	5 12 25	17°13'50	29°36	9°45	10°17	9° 6	27°38	6°20	4°18	26° 0	6°32	4° 2	4°48	22°27	10°53	M10
T 11	5 16 21	18°14'45	13♉46	8°41	11°30	9°R 7	27°50	6°27	4°17	26° 1	6°31	3°59	4°44	22°34	10°58	T 11
W12	5 20 18	19°15'41	27°46	7°46	12°43	9° 7	28° 2	6°34	4°15	26° 1	6°30	3°57	4°41	22°41	11° 4	W12
T 13	5 24 14	20°16'38	11♊35	7° 2	13°56	9° 5	28°15	6°41	4°14	26° 2	6°29	3°56	4°38	22°47	11°10	T 13
F 14	5 28 11	21°17'36	25° 7	6°29	15° 9	9° 3	28°28	6°48	4°12	26° 2	6°28	3°55	4°35	22°54	11°16	F 14
S 15	5 32 7	22°18'34	8♋22	6° 8	16°22	9° 1	28°40	6°55	4°11	26° 3	6°28	3°D55	4°32	23° 1	11°22	S 15
S 16	5 36 4	23°19'34	21°18	5°D58	17°35	8°57	28°53	7° 2	4° 9	26° 3	6°27	3°55	4°29	23° 8	11°28	S 16
M17	5 40 1	24°20'34	3♌56	5°58	18°49	8°53	29° 6	7° 9	4° 8	26° 4	6°26	3°56	4°25	23°14	11°33	M17
T 18	5 43 57	25°21'35	16°17	6° 8	20° 2	8°47	29°19	7°16	4° 7	26° 4	6°26	3°57	4°22	23°21	11°39	T 18
W19	5 47 54	26°22'38	28°25	6°26	21°16	8°41	29°32	7°23	4° 6	26° 4	6°25	3°58	4°19	23°28	11°45	W19
T 20	5 51 50	27°23'41	10♍24	6°53	22°29	8°34	29°45	7°30	4° 4	26° 5	6°24	3°59	4°16	23°35	11°51	T 20
F 21	5 55 47	28°24'44	22°17	7°27	23°43	8°27	29°58	7°36	4° 3	26° 5	6°24	3°59	4°13	23°41	11°57	F 21
S 22	5 59 43	29°25'49	4♎10	8° 8	24°56	8°18	0♒11	7°43	4° 2	26° 5	6°23	3°R59	4°10	23°48	12° 3	S 22
S 23	6 3 40	0♑26'55	16° 6	8°54	26°10	8° 8	0°24	7°50	4° 1	26° 6	6°22	3°59	4° 6	23°55	12° 9	S 23
M24	6 7 36	1°28'01	28°12	9°46	27°24	7°58	0°37	7°57	4° 0	26° 6	6°22	3°59	4° 3	24° 1	12°15	M24
T 25	6 11 33	2°29'08	10♏30	10°42	28°38	7°47	0°50	8° 3	3°59	26° 6	6°21	3°58	4° 0	24° 8	12°21	T 25
W26	6 15 30	3°30'16	23° 4	11°42	29°51	7°35	1° 4	8°10	3°58	26° 6	6°21	3°D58	3°57	24°15	12°27	W26
T 27	6 19 26	4°31'25	5♐57	12°46	1♐ 5	7°22	1°17	8°17	3°57	26° 6	6°20	3°58	3°54	24°22	12°33	T 27
F 28	6 23 23	5°32'34	19°11	13°52	2°19	7° 9	1°30	8°23	3°56	26° 6	6°20	3°58	3°50	24°28	12°39	F 28
S 29	6 27 19	6°33'43	2♑43	15° 2	3°33	6°54	1°44	8°30	3°56	26°R 6	6°19	3°R58	3°47	24°35	12°45	S 29
S 30	6 31 16	7°34'53	16°34	16°13	4°47	6°39	1°57	8°37	3°55	26° 6	6°19	3°58	3°44	24°42	12°51	S 30
M31	6 35 12	8♑36'03	0♒39	17♐27	6♐ 1	6♌23	2♒11	8♐43	3♉54	26♍ 6	6♉18	3♑58	3♑41	24♍48	12♑57	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s39	24s12	0s55	23s41	0s35	9s20	2n 3	20n31	2n28	21s24	0s27	19s29	1n43	12n34	0s30	2n41	1n 9	2s12	16s50	23s22	23s19	1s12	16s53	6n11
S 2	21 48	22 54	0n19	23 18	0 16	9 45	2 3	20 32	2 31	21 22	0 27	19 30	1 43	12 33	0 30	2 41	1 9	2 12	16 49	23 22	23 19	1 15	16 53	6 11
M 3	21 57	20 16	1 32	22 54	0n 3	10 10	2 3	20 33	2 34	21 20	0 27	19 31	1 43	12 33	0 30	2 41	1 9	2 12	16 49	23 22	23 20	1 18	16 53	6 10
T 4	22 6	16 27	2 41	22 27	0 24	10 34	2 4	20 34	2 36	21 18	0 27	19 32	1 43	12 32	0 30	2 40	1 9	2 12	16 49	23 22	23 20	1 21	16 52	6 10
W 5	22 14	11 42	3 42	22 0	0 44	10 59	2 4	20 35	2 39	21 15	0 27	19 34	1 43	12 32	0 30	2 40	1 9	2 12	16 49	23 22	23 20	1 24	16 52	6 10
T 6	22 22	6 18	4 29	21 31	1 4	11 23	2 4	20 36	2 41	21 13	0 27	19 35	1 43	12 31	0 30	2 40	1 9	2 13	16 49	23 22	23 20	1 26	16 52	6 10
F 7	22 29	0 33	5 1	21 3	1 23	11 47	2 3	20 38	2 44	21 11	0 27	19 36	1 43	12 30	0 30	2 40	1 9	2 13	16 48	23 22	23 20	1 29	16 52	6 10
S 8	22 36	5n16	5 15	20 35	1 41	12 10	2 3	20 40	2 47	21 9	0 27	19 37	1 43	12 30	0 30	2 39	1 9	2 13	16 48	23 22	23 20	1 32	16 51	6 9
S 9	22 43	10 48	5 9	20 8	1 58	12 34	2 3	20 42	2 49	21 6	0 27	19 39	1 43	12 29	0 30	2 39	1 9	2 13	16 48	23 22	23 20	1 35	16 51	6 9
M10	22 49	15 46	4 45	19 44	2 12	12 57	2 3	20 44	2 52	21 4	0 27	19 40	1 43	12 29	0 30	2 39	1 9	2 13	16 48	23 22	23 20	1 38	16 51	6 9
T 11	22 54	19 49	4 3	19 22	2 24	13 20	2 2	20 47	2 55	21 1	0 27	19 41	1 43	12 28	0 30	2 39	1 9	2 13	16 47	23 22	23 20	1 40	16 51	6 9
W12	23 0	22 41	3 7	19 4	2 33	13 43	2 1	20 49	2 58	20 59	0 27	19 42	1 43	12 28	0 30	2 39	1 9	2 13	16 47	23 22	23 21	1 43	16 50	6 9
T 13	23 4	24 9	2 0	18 50	2 41	14 5	2 1	20 52	3 0	20 57	0 27	19 43	1 43	12 27	0 30	2 38	1 9	2 13	16 47	23 22	23 21	1 46	16 50	6 9
F 14	23 8	24 9	0 49	18 39	2 46	14 27	2 0	20 55	3 3	20 54	0 27	19 45	1 43	12 27	0 30	2 38	1 9	2 13	16 47	23 22	23 21	1 49	16 50	6 9
S 15	23 12	22 45	0s25	18 33	2 49	14 49	1 59	20 59	3 6	20 52	0 27	19 46	1 43	12 26	0 30	2 38	1 10	2 13	16 46	23 22	23 21	1 52	16 49	6 9
S 16	23 15	20 11	1 35	18 30	2 50	15 11	1 58	21 2	3 9	20 49	0 27	19 47	1 43	12 26	0 30	2 38	1 10	2 13	16 46	23 22	23 21	1 55	16 49	6 8
M17	23 18	16 41	2 39	18 30	2 50	15 32	1 57	21 6	3 11	20 46	0 27	19 48	1 43	12 26	0 30	2 38	1 10	2 13	16 46	23 22	23 21	1 57	16 48	6 8
T 18	23 21	12 33	3 34	18 33	2 48	15 53	1 56	21 10	3 14	20 44	0 27	19 49	1 43	12 25	0 30	2 38	1 10	2 13	16 46	23 22	23 21	2 0	16 48	6 8
W19	23 23	7 58	4 18	18 40	2 45	16 13	1 55	21 15	3 17	20 41	0 27	19 50	1 43	12 25	0 30	2 38	1 10	2 12	16 45	23 22	23 21	2 3	16 48	6 8
T 20	23 24	3 10	4 51	18 48	2 41	16 33	1 54	21 19	3 20	20 38	0 27	19 51	1 43	12 24	0 30	2 37	1 10	2 12	16 45	23 22	23 21	2 6	16 47	6 8
F 21	23 25	1s42	5 11	18 58	2 36	16 52	1 52	21 24	3 22	20 36	0 28	19 52	1 43	12 24	0 30	2 37	1 10	2 12	16 45	23 22	23 22	2 9	16 47	6 8
S 22	23 25	6 30	5 17	19 11	2 30	17 12	1 51	21 29	3 25	20 33	0 28	19 54	1 43	12 24	0 29	2 37	1 10	2 12	16 44	23 22	23 22	2 11	16 46	6 8
S 23	23 26	11 6	5 10	19 24	2 24	17 30	1 50	21 34	3 28	20 30	0 28	19 55	1 43	12 23	0 29	2 37	1 10	2 12	16 44	23 22	23 22	2 14	16 46	6 8
M24	23 25	15 20	4 49	19 38	2 17	17 49	1 48	21 39	3 30	20 27	0 28	19 56	1 43	12 23	0 29	2 37	1 10	2 12	16 44	23 22	23 22	2 17	16 45	6 8
T 25	23 24	19 0	4 15	19 53	2 10	18 7	1 46	21 45	3 33	20 25	0 28	19 57	1 43	12 23	0 29	2 37	1 10	2 12	16 43	23 22	23 22	2 20	16 45	6 8
W26	23 23	21 53	3 28	20 9	2 3	18 24	1 45	21 50	3 36	20 22	0 28	19 58	1 43	12 22	0 29	2 37	1 10	2 12	16 43	23 22	23 22	2 22	16 44	6 8
T 27	23 21	23 44	2 29	20 25	1 55	18 41	1 43	21 56	3 38	20 19	0 28	19 59	1 43	12 22	0 29	2 37	1 10	2 12	16 43	23 22	23 22	2 25	16 44	6 8
F 28	23 19	24 20	1 21	20 41	1 47	18 57	1 41	22 2	3 41	20 16	0 28	20 0	1 43	12 22	0 29	2 37	1 10	2 12	16 43	23 22	23 22	2 28	16 43	6 8
S 29	23 16	23 31	0 7	20 57	1 39	19 13	1 39	22 8	3 43	20 13	0 28	20 1	1 43	12 22	0 29	2 37	1 10	2 11	16 42	23 22	23 22	2 31	16 43	6 8
S 30	23 13	21 15	1n 9	21 13	1 30	19 29	1 38	22 14	3 46	20 10	0 28	20 2	1 43	12 21	0 29	2 37	1 10	2 11	16 42	23 22	23 22	2 34	16 42	6 8
M31	23s 9	17s41	2n23	21s29	1n22	19s44	1n36	22n21	3n48	20s 7	0s28	20s 3	1n43	12n21	0s29	2n37	1n10	2s11	16s42	23s22	23s22	2s36	16s42	6n 8

Julian Day Number = 2489498.5, Delta T = 95.02 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°11'32, Lahiri = 25°18'32

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ASTRODIENST EPHEMERIS for the year 2104
geocentric

JANUARY 2104 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 39 9	9♑37'13	14♒54	18♐43	7♐15	6°R 6	2♒25	8♐50	3°R54	26°R 6	6°R18	3°R57	3♑38	24♍55	13♑ 3	T 1
W 2	6 43 6	10°38'23	29°15	20° 0	8°29	5♌49	2°38	8°56	3♉53	26♍ 6	6♉17	3♑57	3°35	25° 2	13° 9	W 2
T 3	6 47 2	11°39'33	13♓37	21°19	9°43	5°31	2°52	9° 2	3°53	26° 6	6°17	3°56	3°31	25° 9	13°15	T 3
F 4	6 50 59	12°40'43	27°56	22°39	10°57	5°12	3° 6	9° 9	3°52	26° 6	6°17	3°55	3°28	25°15	13°21	F 4
S 5	6 54 55	13°41'52	12♈ 9	24° 1	12°11	4°53	3°19	9°15	3°52	26° 5	6°16	3°D55	3°25	25°22	13°27	S 5
S 6	6 58 52	14°43'02	26°14	25°23	13°26	4°33	3°33	9°21	3°51	26° 5	6°16	3°55	3°22	25°29	13°34	S 6
M 7	7 2 48	15°44'11	10♉ 8	26°47	14°40	4°13	3°47	9°28	3°51	26° 5	6°16	3°56	3°19	25°36	13°40	M 7
T 8	7 6 45	16°45'19	23°52	28°11	15°54	3°52	4° 1	9°34	3°51	26° 4	6°15	3°57	3°16	25°42	13°46	T 8
W 9	7 10 41	17°46'28	7♊24	29°36	17° 8	3°30	4°15	9°40	3°50	26° 4	6°15	3°58	3°12	25°49	13°52	W 9
T 10	7 14 38	18°47'36	20°44	1♑ 2	18°23	3° 8	4°29	9°46	3°50	26° 4	6°15	3°59	3° 9	25°56	13°58	T 10
F 11	7 18 35	19°48'44	3♋51	2°29	19°37	2°46	4°43	9°52	3°50	26° 3	6°14	3°R59	3° 6	26° 2	14° 4	F 11
S 12	7 22 31	20°49'51	16°45	3°56	20°51	2°23	4°57	9°58	3°50	26° 3	6°14	3°59	3° 3	26° 9	14°10	S 12
S 13	7 26 28	21°50'59	29°27	5°24	22° 6	2° 0	5°11	10° 4	3°D50	26° 2	6°14	3°58	3° 0	26°16	14°16	S 13
M14	7 30 24	22°52'06	11♌55	6°52	23°20	1°37	5°25	10°10	3°50	26° 2	6°14	3°55	2°56	26°23	14°22	M14
T 15	7 34 21	23°53'12	24°12	8°21	24°34	1°14	5°39	10°16	3°50	26° 1	6°14	3°52	2°53	26°29	14°28	T 15
W16	7 38 17	24°54'19	6♍18	9°51	25°49	0°50	5°53	10°21	3°50	26° 1	6°14	3°48	2°50	26°36	14°34	W16
T 17	7 42 14	25°55'25	18°16	11°21	27° 3	0°26	6° 7	10°27	3°51	26° 0	6°14	3°45	2°47	26°43	14°40	T 17
F 18	7 46 10	26°56'31	0♎10	12°52	28°18	0° 2	6°21	10°33	3°51	25°59	6°14	3°42	2°44	26°49	14°45	F 18
S 19	7 50 7	27°57'37	12° 1	14°23	29°32	29♋38	6°35	10°38	3°51	25°59	6°13	3°40	2°41	26°56	14°51	S 19
S 20	7 54 4	28°58'43	23°56	15°55	0♑46	29°14	6°49	10°44	3°52	25°58	6°13	3°D38	2°37	27° 3	14°57	S 20
M21	7 58 0	29°59'48	5♏59	17°27	2° 1	28°50	7° 3	10°49	3°52	25°57	6°D13	3°38	2°34	27°10	15° 3	M21
T 22	8 1 57	1♒ 0'53	18°14	19° 0	3°15	28°26	7°17	10°55	3°52	25°56	6°13	3°39	2°31	27°16	15° 9	T 22
W23	8 5 53	2° 1'58	0♐46	20°34	4°30	28° 2	7°32	11° 0	3°53	25°56	6°14	3°41	2°28	27°23	15°15	W23
T 24	8 9 50	3° 3'03	13°40	22° 8	5°45	27°39	7°46	11° 5	3°54	25°55	6°14	3°43	2°25	27°30	15°21	T 24
F 25	8 13 46	4° 4'07	26°58	23°43	6°59	27°15	8° 0	11°11	3°54	25°54	6°14	3°R44	2°22	27°37	15°27	F 25
S 26	8 17 43	5° 5'11	10♑41	25°18	8°14	26°52	8°14	11°16	3°55	25°53	6°14	3°44	2°18	27°43	15°32	S 26
S 27	8 21 39	6° 6'14	24°49	26°54	9°28	26°29	8°28	11°21	3°56	25°52	6°14	3°42	2°15	27°50	15°38	S 27
M28	8 25 36	7° 7'16	9♒18	28°30	10°43	26° 7	8°43	11°26	3°56	25°51	6°14	3°39	2°12	27°57	15°44	M28
T 29	8 29 33	8° 8'17	24° 2	0♒ 7	11°57	25°45	8°57	11°31	3°57	25°50	6°14	3°34	2° 9	28° 3	15°50	T 29
W30	8 33 29	9° 9'17	8♓53	1°45	13°12	25°23	9°11	11°36	3°58	25°49	6°14	3°29	2° 6	28°10	15°55	W30
T 31	8 37 26	10♒10'17	23♓43	3♒23	14♑27	25♋ 2	9♒25	11♐41	3♉59	25♍48	6♉15	3♑23	2♑ 2	28♍17	16♑ 1	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 5	13s 2	3n28	21s44	1n14	19s58	1n34	22n27	3n51	20s 4	0s28	20s 4	1n43	12n21	0s29	2n38	1n10	2s11	16s41	23s22	23s23	2s39	16s41	6n 8
W 2	23 0	7 39	4 21	21 58	1 5	20 12	1 31	22 34	3 53	20 1	0 28	20 5	1 43	12 21	0 29	2 38	1 10	2 11	16 41	23 22	23 23	2 42	16 40	6 8
T 3	22 55	1 52	4 57	22 12	0 57	20 25	1 29	22 41	3 55	19 58	0 28	20 6	1 43	12 21	0 29	2 38	1 10	2 10	16 41	23 22	23 23	2 45	16 40	6 8
F 4	22 49	4n 0	5 15	22 25	0 48	20 38	1 27	22 47	3 57	19 55	0 28	20 6	1 43	12 21	0 29	2 38	1 10	2 10	16 40	23 22	23 23	2 47	16 39	6 8
S 5	22 43	9 37	5 13	22 37	0 40	20 50	1 25	22 54	3 59	19 52	0 28	20 7	1 43	12 21	0 29	2 38	1 11	2 10	16 40	23 22	23 23	2 50	16 39	6 8
S 6	22 37	14 40	4 53	22 49	0 32	21 2	1 23	23 1	4 2	19 49	0 28	20 8	1 43	12 20	0 29	2 38	1 11	2 10	16 40	23 22	23 23	2 53	16 38	6 8
M 7	22 30	18 54	4 16	22 59	0 24	21 13	1 20	23 8	4 4	19 45	0 29	20 9	1 43	12 20	0 29	2 38	1 11	2 10	16 39	23 22	23 23	2 56	16 37	6 8
T 8	22 23	22 1	3 24	23 9	0 16	21 23	1 18	23 15	4 5	19 42	0 29	20 10	1 43	12 20	0 29	2 38	1 11	2 9	16 39	23 22	23 23	2 59	16 37	6 8
W 9	22 15	23 52	2 22	23 17	0 8	21 33	1 15	23 22	4 7	19 39	0 29	20 11	1 43	12 20	0 29	2 39	1 11	2 9	16 39	23 22	23 23	3 1	16 36	6 8
T 10	22 7	24 19	1 13	23 25	0 0	21 42	1 13	23 29	4 9	19 36	0 29	20 12	1 44	12 20	0 29	2 39	1 11	2 9	16 38	23 22	23 23	3 4	16 35	6 8
F 11	21 58	23 23	0 1	23 31	0s 7	21 51	1 11	23 36	4 11	19 32	0 29	20 13	1 44	12 20	0 29	2 39	1 11	2 9	16 38	23 22	23 23	3 7	16 35	6 8
S 12	21 49	21 13	1s10	23 37	0 15	21 59	1 8	23 42	4 12	19 29	0 29	20 13	1 44	12 20	0 29	2 39	1 11	2 8	16 37	23 22	23 23	3 10	16 34	6 9
S 13	21 39	18 2	2 16	23 41	0 22	22 6	1 5	23 49	4 14	19 26	0 29	20 14	1 44	12 20	0 29	2 40	1 11	2 8	16 37	23 22	23 24	3 12	16 33	6 9
M14	21 29	14 6	3 14	23 44	0 29	22 13	1 3	23 56	4 15	19 23	0 29	20 15	1 44	12 20	0 29	2 40	1 11	2 8	16 37	23 22	23 24	3 15	16 32	6 9
T 15	21 19	9 38	4 2	23 45	0 36	22 19	1 0	24 2	4 16	19 19	0 29	20 16	1 44	12 20	0 29	2 40	1 11	2 8	16 36	23 22	23 24	3 18	16 32	6 9
W16	21 8	4 52	4 39	23 46	0 42	22 24	0 58	24 9	4 17	19 16	0 29	20 16	1 44	12 20	0 29	2 40	1 11	2 7	16 36	23 22	23 24	3 21	16 31	6 9
T 17	20 57	0s 1	5 3	23 45	0 49	22 29	0 55	24 15	4 18	19 12	0 29	20 17	1 44	12 21	0 29	2 41	1 11	2 7	16 36	23 22	23 24	3 23	16 30	6 9
F 18	20 45	4 51	5 14	23 43	0 55	22 33	0 52	24 21	4 19	19 9	0 29	20 18	1 44	12 21	0 29	2 41	1 11	2 7	16 35	23 22	23 24	3 26	16 29	6 9
S 19	20 33	9 31	5 11	23 40	1 1	22 36	0 50	24 27	4 20	19 5	0 29	20 19	1 44	12 21	0 29	2 41	1 11	2 6	16 35	23 23	23 24	3 29	16 29	6 9
S 20	20 21	13 51	4 55	23 35	1 7	22 39	0 47	24 33	4 21	19 2	0 29	20 19	1 44	12 21	0 29	2 42	1 11	2 6	16 35	23 23	23 24	3 32	16 28	6 10
M21	20 8	17 41	4 26	23 29	1 13	22 41	0 44	24 39	4 21	18 58	0 30	20 20	1 44	12 21	0 29	2 42	1 11	2 6	16 34	23 23	23 24	3 34	16 27	6 10
T 22	19 55	20 50	3 44	23 22	1 18	22 42	0 41	24 44	4 22	18 55	0 30	20 21	1 44	12 21	0 29	2 42	1 11	2 5	16 34	23 23	23 24	3 37	16 26	6 10
W23	19 42	23 5	2 51	23 14	1 23	22 42	0 39	24 49	4 22	18 51	0 30	20 21	1 44	12 21	0 28	2 43	1 11	2 5	16 34	23 22	23 24	3 40	16 25	6 10
T 24	19 28	24 13	1 48	23 4	1 28	22 42	0 36	24 54	4 23	18 48	0 30	20 22	1 44	12 22	0 28	2 43	1 11	2 5	16 33	23 22	23 24	3 43	16 25	6 10
F 25	19 14	24 0	0 37	22 52	1 33	22 42	0 33	24 59	4 23	18 44	0 30	20 23	1 45	12 22	0 28	2 43	1 11	2 4	16 33	23 22	23 24	3 45	16 24	6 11
S 26	18 59	22 22	0n38	22 40	1 37	22 40	0 30	25 4	4 23	18 41	0 30	20 23	1 45	12 22	0 28	2 44	1 11	2 4	16 33	23 22	23 24	3 48	16 23	6 11
S 27	18 44	19 18	1 53	22 26	1 41	22 38	0 27	25 8	4 23	18 37	0 30	20 24	1 45	12 22	0 28	2 44	1 12	2 3	16 32	23 22	23 24	3 51	16 22	6 11
M28	18 29	15 0	3 2	22 10	1 45	22 35	0 25	25 13	4 23	18 33	0 30	20 25	1 45	12 23	0 28	2 45	1 12	2 3	16 32	23 23	23 24	3 53	16 21	6 11
T 29	18 13	9 44	4 0	21 53	1 49	22 32	0 22	25 17	4 22	18 30	0 30	20 25	1 45	12 23	0 28	2 45	1 12	2 3	16 31	23 23	23 25	3 56	16 20	6 11
W30	17 57	3 52	4 43	21 35	1 52	22 27	0 19	25 20	4 22	18 26	0 30	20 26	1 45	12 23	0 28	2 45	1 12	2 2	16 31	23 23	23 25	3 59	16 19	6 12
T 31	17s41	2n11	5n 6	21s15	1s55	22s22	0n16	25n24	4n21	18s22	0s30	20s26	1n45	12n24	0s28	2n46	1n12	2s 2	16s31	23s23	23s25	4s 2	16s19	6n12

Julian Day Number = 2489529.5, Delta T = 95.06 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°11'36, Lahiri = 25°18'36

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2104
geocentric

FEBRUARY 2104 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 41 22	11♒11'15	8♈24	5♒ 2	15♉41	24°R42	9♒39	11♐45	4♉ 0	25°R47	6♉15	3°R19	1♉59	28♍24	16♉ 7	F 1
S 2	8 45 19	12°12'12	22°51	6°41	16°56	24♋22	9°54	11°50	4° 1	25♍46	6°15	3♉15	1°56	28°30	16°12	S 2
S 3	8 49 15	13°13'07	6♉59	8°22	18°11	24° 2	10° 8	11°55	4° 2	25°45	6°15	3°D14	1°53	28°37	16°18	S 3
M 4	8 53 12	14°14'02	20°48	10° 3	19°25	23°44	10°22	11°59	4° 3	25°44	6°16	3°14	1°50	28°44	16°23	M 4
T 5	8 57 8	15°14'55	4♊19	11°44	20°40	23°25	10°36	12° 4	4° 4	25°43	6°16	3°15	1°47	28°50	16°29	T 5
W 6	9 1 5	16°15'46	17°32	13°27	21°54	23° 8	10°50	12° 8	4° 6	25°41	6°16	3°16	1°43	28°57	16°34	W 6
T 7	9 5 2	17°16'37	0♋30	15°10	23° 9	22°51	11° 5	12°12	4° 7	25°40	6°17	3°R17	1°40	29° 4	16°40	T 7
F 8	9 8 58	18°17'26	13°15	16°54	24°24	22°35	11°19	12°16	4° 8	25°39	6°17	3°17	1°37	29°11	16°45	F 8
S 9	9 12 55	19°18'13	25°49	18°39	25°38	22°20	11°33	12°20	4°10	25°38	6°18	3°14	1°34	29°17	16°50	S 9
S 10	9 16 51	20°19'00	8♌13	20°24	26°53	22° 5	11°47	12°25	4°11	25°37	6°18	3° 9	1°31	29°24	16°56	S 10
M11	9 20 48	21°19'44	20°28	22°10	28° 8	21°51	12° 1	12°28	4°12	25°35	6°19	3° 2	1°28	29°31	17° 1	M11
T 12	9 24 44	22°20'28	2♍36	23°57	29°22	21°38	12°15	12°32	4°14	25°34	6°19	2°53	1°24	29°38	17° 6	T 12
W13	9 28 41	23°21'10	14°37	25°45	0♒37	21°26	12°30	12°36	4°16	25°33	6°19	2°43	1°21	29°44	17°11	W13
T 14	9 32 37	24°21'51	26°32	27°33	1°52	21°14	12°44	12°40	4°17	25°31	6°20	2°33	1°18	29°51	17°16	T 14
F 15	9 36 34	25°22'31	8♎25	29°22	3° 6	21° 4	12°58	12°43	4°19	25°30	6°21	2°23	1°15	29°58	17°22	F 15
S 16	9 40 31	26°23'10	20°16	1♓11	4°21	20°54	13°12	12°47	4°21	25°28	6°21	2°15	1°12	0♎ 4	17°27	S 16
S 17	9 44 27	27°23'48	2♏10	3° 1	5°36	20°44	13°26	12°50	4°22	25°27	6°22	2° 9	1° 8	0°11	17°32	S 17
M18	9 48 24	28°24'24	14°10	4°52	6°50	20°36	13°40	12°54	4°24	25°26	6°22	2° 6	1° 5	0°18	17°37	M18
T 19	9 52 20	29°24'59	26°21	6°42	8° 5	20°28	13°54	12°57	4°26	25°24	6°23	2°D 5	1° 2	0°25	17°42	T 19
W20	9 56 17	0♓25'33	8♐48	8°33	9°20	20°22	14° 8	13° 0	4°28	25°23	6°24	2° 5	0°59	0°31	17°46	W20
T 21	10 0 13	1°26'06	21°36	10°24	10°34	20°16	14°22	13° 3	4°30	25°21	6°24	2° 6	0°56	0°38	17°51	T 21
F 22	10 4 10	2°26'38	4♉49	12°15	11°49	20°10	14°36	13° 6	4°32	25°20	6°25	2°R 6	0°53	0°45	17°56	F 22
S 23	10 8 6	3°27'08	18°30	14° 6	13° 4	20° 6	14°49	13° 9	4°34	25°18	6°26	2° 5	0°49	0°52	18° 1	S 23
S 24	10 12 3	4°27'37	2♒41	15°56	14°18	20° 2	15° 3	13°12	4°36	25°17	6°26	2° 1	0°46	0°58	18° 5	S 24
M25	10 16 0	5°28'04	17°18	17°45	15°33	20° 0	15°17	13°15	4°38	25°15	6°27	1°55	0°43	1° 5	18°10	M25
T 26	10 19 56	6°28'30	2♓17	19°32	16°48	19°57	15°31	13°18	4°40	25°14	6°28	1°47	0°40	1°12	18°15	T 26
W27	10 23 53	7°28'54	17°29	21°19	18° 2	19°56	15°45	13°20	4°42	25°12	6°29	1°37	0°37	1°18	18°19	W27
T 28	10 27 49	8°29'16	2♈43	23° 3	19°17	19°D56	15°58	13°23	4°44	25°11	6°29	1°26	0°33	1°25	18°24	T 28
F 29	10 31 46	9♓29'37	17♈47	24♓44	20♒32	19♋56	16♒12	13♐25	4♉47	25♍ 9	6♉30	1♉17	0♉30	1♎32	18♉28	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s25	8n 4	5n 9	20s54	1s57	22s17	0n13	25n27	4n21	18s19	0s30	20s27	1n45	12n24	0s28	2n46	1n12	2s 1	16s30	23s23	23s25	4s 4	16s18	6n12
S 2	17 8	13 24	4 53	20 31	2 0	22 11	0 11	25 30	4 20	18 15	0 31	20 27	1 45	12 25	0 28	2 47	1 12	2 1	16 30	23 23	23 25	4 7	16 17	6 12
S 3	16 50	17 54	4 19	20 7	2 2	22 4	0 8	25 33	4 20	18 11	0 31	20 28	1 45	12 25	0 28	2 47	1 12	2 1	16 30	23 23	23 25	4 10	16 16	6 13
M 4	16 33	21 19	3 30	19 42	2 3	21 56	0 5	25 35	4 19	18 7	0 31	20 28	1 45	12 25	0 28	2 48	1 12	2 0	16 29	23 23	23 25	4 13	16 15	6 13
T 5	16 15	23 28	2 31	19 15	2 4	21 48	0 2	25 38	4 18	18 4	0 31	20 29	1 46	12 26	0 28	2 48	1 12	2 0	16 29	23 23	23 25	4 15	16 14	6 13
W 6	15 57	24 14	1 24	18 46	2 5	21 39	0s 0	25 40	4 17	18 0	0 31	20 29	1 46	12 26	0 28	2 49	1 12	1 59	16 29	23 23	23 25	4 18	16 13	6 14
T 7	15 39	23 41	0 15	18 16	2 5	21 30	0 3	25 42	4 16	17 56	0 31	20 30	1 46	12 27	0 28	2 49	1 12	1 59	16 28	23 23	23 25	4 21	16 12	6 14
F 8	15 20	21 53	0s54	17 45	2 5	21 19	0 6	25 43	4 15	17 52	0 31	20 30	1 46	12 27	0 28	2 50	1 12	1 58	16 28	23 23	23 25	4 23	16 11	6 14
S 9	15 1	19 2	1 59	17 12	2 5	21 9	0 9	25 45	4 13	17 48	0 31	20 31	1 46	12 28	0 28	2 50	1 12	1 58	16 28	23 23	23 25	4 26	16 10	6 14
S 10	14 42	15 21	2 57	16 38	2 4	20 57	0 11	25 46	4 12	17 45	0 31	20 31	1 46	12 28	0 28	2 51	1 12	1 57	16 27	23 23	23 25	4 29	16 9	6 15
M11	14 23	11 5	3 46	16 2	2 2	20 45	0 14	25 47	4 11	17 41	0 31	20 31	1 46	12 29	0 28	2 51	1 12	1 57	16 27	23 23	23 25	4 31	16 8	6 15
T 12	14 3	6 26	4 25	15 25	2 0	20 32	0 16	25 47	4 9	17 37	0 31	20 32	1 46	12 29	0 28	2 52	1 12	1 57	16 26	23 24	23 25	4 34	16 7	6 15
W13	13 44	1 35	4 51	14 47	1 58	20 19	0 19	25 48	4 8	17 33	0 32	20 32	1 46	12 30	0 28	2 52	1 12	1 56	16 26	23 24	23 25	4 37	16 7	6 16
T 14	13 24	3s16	5 4	14 7	1 55	20 5	0 22	25 48	4 7	17 29	0 32	20 32	1 47	12 30	0 28	2 53	1 12	1 56	16 26	23 24	23 25	4 40	16 6	6 16
F 15	13 3	7 59	5 4	13 25	1 51	19 51	0 24	25 49	4 5	17 25	0 32	20 33	1 47	12 31	0 28	2 54	1 12	1 55	16 25	23 24	23 25	4 42	16 5	6 16
S 16	12 43	12 24	4 51	12 43	1 47	19 36	0 27	25 49	4 3	17 21	0 32	20 33	1 47	12 31	0 28	2 54	1 12	1 55	16 25	23 24	23 25	4 45	16 4	6 17
S 17	12 22	16 22	4 25	11 59	1 42	19 20	0 29	25 49	4 2	17 18	0 32	20 33	1 47	12 32	0 28	2 55	1 12	1 54	16 25	23 24	23 25	4 48	16 3	6 17
M18	12 1	19 42	3 48	11 14	1 37	19 4	0 32	25 48	4 0	17 14	0 32	20 34	1 47	12 33	0 28	2 55	1 12	1 54	16 24	23 25	23 25	4 50	16 2	6 17
T 19	11 40	22 14	2 59	10 28	1 31	18 47	0 34	25 48	3 58	17 10	0 32	20 34	1 47	12 33	0 28	2 56	1 12	1 53	16 24	23 25	23 25	4 53	16 1	6 18
W20	11 19	23 45	2 1	9 40	1 25	18 30	0 36	25 47	3 57	17 6	0 32	20 34	1 47	12 34	0 28	2 57	1 12	1 53	16 24	23 25	23 25	4 56	16 0	6 18
T 21	10 58	24 5	0 56	8 52	1 18	18 12	0 39	25 46	3 55	17 2	0 32	20 35	1 47	12 35	0 28	2 57	1 12	1 52	16 23	23 25	23 25	4 58	15 59	6 19
F 22	10 36	23 6	0n14	8 2	1 10	17 53	0 41	25 45	3 53	16 58	0 33	20 35	1 48	12 35	0 28	2 58	1 12	1 52	16 23	23 25	23 25	5 1	15 58	6 19
S 23	10 14	20 43	1 26	7 12	1 1	17 35	0 43	25 44	3 52	16 54	0 33	20 35	1 48	12 36	0 28	2 58	1 12	1 51	16 23	23 25	23 25	5 4	15 57	6 19
S 24	9 52	17 2	2 35	6 21	0 52	17 15	0 45	25 43	3 50	16 50	0 33	20 35	1 48	12 37	0 28	2 59	1 12	1 51	16 23	23 25	23 25	5 6	15 56	6 20
M25	9 30	12 12	3 36	5 30	0 43	16 55	0 48	25 42	3 48	16 46	0 33	20 36	1 48	12 38	0 28	3 0	1 12	1 50	16 22	23 25	23 25	5 9	15 55	6 20
T 26	9 8	6 33	4 24	4 38	0 32	16 35	0 50	25 40	3 46	16 42	0 33	20 36	1 48	12 38	0 27	3 0	1 12	1 49	16 22	23 25	23 25	5 12	15 54	6 21
W27	8 45	0 26	4 53	3 46	0 21	16 14	0 52	25 39	3 44	16 38	0 33	20 36	1 48	12 39	0 27	3 1	1 13	1 49	16 22	23 25	23 25	5 14	15 53	6 21
T 28	8 23	5n42	5 2	2 55	0 10	15 53	0 54	25 37	3 42	16 34	0 33	20 36	1 48	12 40	0 27	3 2	1 13	1 48	16 21	23 25	23 25	5 17	15 52	6 22
F 29	8s 0	11n27	4n50	2s 3	0n 2	15s31	0s56	25n35	3n40	16s30	0s33	20s36	1n48	12n41	0s27	3n 2	1n13	1s48	16s21	23s25	23s25	5s20	15s51	6n22

Julian Day Number = 2489560.5, Delta T = 95.10 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°11'40, Lahiri = 25°18'41

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ASTRODIENST EPHEMERIS for the year 2104
geocentric

MARCH 2104 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 42	10♓29'56	2♉34	26♓23	21♒46	19♋57	16♒26	13♐27	4♉49	25°R 7	6♉31	1°R10	0♏27	1♎39	18♏32	S 1
S 2	10 39 39	11°30'12	16°57	27°57	23° 1	19°58	16°39	13°29	4°51	25♍ 6	6°32	1♏ 5	0°24	1°45	18°37	S 2
M 3	10 43 35	12°30'27	0♊54	29°28	24°16	20° 1	16°53	13°31	4°54	25° 4	6°33	1° 3	0°21	1°52	18°41	M 3
T 4	10 47 32	13°30'40	14°25	0♈54	25°30	20° 4	17° 6	13°33	4°56	25° 3	6°34	1°D 2	0°18	1°59	18°45	T 4
W 5	10 51 29	14°30'50	27°32	2°15	26°45	20° 8	17°20	13°35	4°59	25° 1	6°34	1°R 2	0°14	2° 5	18°49	W 5
T 6	10 55 25	15°30'59	10♋20	3°29	28° 0	20°12	17°33	13°37	5° 1	24°59	6°35	1° 2	0°11	2°12	18°53	T 6
F 7	10 59 22	16°31'05	22°52	4°38	29°14	20°17	17°47	13°39	5° 4	24°58	6°36	1° 0	0° 8	2°19	18°57	F 7
S 8	11 3 18	17°31'09	5♌12	5°39	0♓29	20°23	18° 0	13°40	5° 6	24°56	6°37	0°56	0° 5	2°26	19° 1	S 8
S 9	11 7 15	18°31'12	17°22	6°32	1°43	20°30	18°13	13°42	5° 9	24°54	6°38	0°48	0° 2	2°32	19° 5	S 9
M10	11 11 11	19°31'12	29°26	7°18	2°58	20°37	18°26	13°43	5°11	24°53	6°39	0°38	29♐59	2°39	19° 9	M10
T 11	11 15 8	20°31'10	11♍25	7°56	4°13	20°45	18°40	13°44	5°14	24°51	6°40	0°25	29°55	2°46	19°13	T 11
W12	11 19 4	21°31'06	23°20	8°24	5°27	20°53	18°53	13°46	5°17	24°49	6°41	0°11	29°52	2°53	19°16	W12
T 13	11 23 1	22°31'00	5♎14	8°44	6°42	21° 2	19° 6	13°47	5°19	24°48	6°42	29♐56	29°49	2°59	19°20	T 13
F 14	11 26 57	23°30'53	17° 6	8°56	7°56	21°11	19°19	13°48	5°22	24°46	6°43	29°43	29°46	3° 6	19°23	F 14
S 15	11 30 54	24°30'43	28°59	8°R58	9°11	21°21	19°32	13°48	5°25	24°44	6°44	29°31	29°43	3°13	19°27	S 15
S 16	11 34 51	25°30'32	10♏55	8°52	10°25	21°32	19°45	13°49	5°28	24°43	6°45	29°21	29°39	3°19	19°30	S 16
M17	11 38 47	26°30'19	22°57	8°38	11°40	21°43	19°57	13°50	5°30	24°41	6°46	29°15	29°36	3°26	19°34	M17
T 18	11 42 44	27°30'05	5♐ 8	8°16	12°55	21°55	20°10	13°50	5°33	24°39	6°48	29°12	29°33	3°33	19°37	T 18
W19	11 46 40	28°29'48	17°32	7°46	14° 9	22° 7	20°23	13°51	5°36	24°38	6°49	29°10	29°30	3°40	19°40	W19
T 20	11 50 37	29°29'30	0♑15	7°10	15°24	22°20	20°36	13°51	5°39	24°36	6°50	29°10	29°27	3°46	19°43	T 20
F 21	11 54 33	0♈29'11	13°21	6°28	16°38	22°33	20°48	13°52	5°42	24°34	6°51	29°10	29°24	3°53	19°46	F 21
S 22	11 58 30	1°28'49	26°54	5°42	17°53	22°47	21° 1	13°52	5°45	24°33	6°52	29° 8	29°20	4° 0	19°49	S 22
S 23	12 2 26	2°28'26	10♒56	4°52	19° 7	23° 1	21°13	13°R52	5°48	24°31	6°53	29° 5	29°17	4° 7	19°52	S 23
M24	12 6 23	3°28'01	25°27	4° 0	20°22	23°16	21°25	13°52	5°51	24°29	6°54	28°58	29°14	4°13	19°55	M24
T 25	12 10 20	4°27'34	10♓23	3° 6	21°36	23°31	21°38	13°52	5°54	24°28	6°56	28°49	29°11	4°20	19°58	T 25
W26	12 14 16	5°27'05	25°37	2°13	22°51	23°47	21°50	13°51	5°57	24°26	6°57	28°38	29° 8	4°27	20° 1	W26
T 27	12 18 13	6°26'34	10♈58	1°20	24° 5	24° 3	22° 2	13°51	6° 0	24°25	6°58	28°27	29° 5	4°33	20° 3	T 27
F 28	12 22 9	7°26'02	26°15	0°29	25°20	24°20	22°14	13°51	6° 3	24°23	6°59	28°16	29° 1	4°40	20° 6	F 28
S 29	12 26 6	8°25'27	11♉16	29♓41	26°34	24°37	22°26	13°50	6° 7	24°21	7° 0	28° 8	28°58	4°47	20° 8	S 29
S 30	12 30 2	9°24'50	25°53	28°57	27°49	24°54	22°38	13°49	6°10	24°20	7° 2	28° 2	28°55	4°54	20°11	S 30
M31	12 33 59	10♈24'10	10♊ 2	28♓17	29♓ 3	25♋12	22♒50	13♐49	6♉13	24♍18	7♉ 3	27♐59	28♐52	5♎ 0	20♏13	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s38	16n24	4n19	1s13	0n15	15s 9	0s58	25n33	3n39	16s26	0s33	20s36	1n49	12n41	0s27	3n 3	1n13	1s47	16s21	23s25	23s26	5s22	15s50	6n22
S 2	7 15	20 16	3 31	0 23	0 28	14 46	1 0	25 31	3 37	16 22	0 34	20 37	1 49	12 42	0 27	3 4	1 13	1 47	16 20	23 25	23 26	5 25	15 49	6 23
M 3	6 52	22 49	2 33	0n26	0 42	14 23	1 1	25 29	3 35	16 18	0 34	20 37	1 49	12 43	0 27	3 4	1 13	1 46	16 20	23 25	23 26	5 28	15 48	6 23
T 4	6 29	23 57	1 27	1 12	0 55	14 0	1 3	25 26	3 33	16 14	0 34	20 37	1 49	12 44	0 27	3 5	1 13	1 46	16 20	23 25	23 26	5 30	15 47	6 24
W 5	6 6	23 43	0 19	1 57	1 9	13 36	1 5	25 24	3 31	16 10	0 34	20 37	1 49	12 45	0 27	3 5	1 13	1 45	16 20	23 25	23 26	5 33	15 46	6 24
T 6	5 42	22 12	0s49	2 40	1 24	13 12	1 6	25 21	3 29	16 6	0 34	20 37	1 49	12 46	0 27	3 6	1 13	1 45	16 19	23 25	23 26	5 36	15 45	6 25
F 7	5 19	19 38	1 53	3 20	1 38	12 48	1 8	25 19	3 27	16 2	0 34	20 37	1 49	12 46	0 27	3 7	1 13	1 44	16 19	23 25	23 26	5 38	15 44	6 25
S 8	4 56	16 12	2 50	3 57	1 51	12 23	1 10	25 16	3 25	15 58	0 34	20 37	1 49	12 47	0 27	3 7	1 13	1 44	16 19	23 25	23 26	5 41	15 43	6 26
S 9	4 32	12 9	3 39	4 31	2 5	11 58	1 11	25 13	3 24	15 54	0 34	20 37	1 50	12 48	0 27	3 8	1 13	1 43	16 18	23 25	23 26	5 44	15 42	6 26
M10	4 9	7 39	4 17	5 1	2 18	11 32	1 13	25 10	3 22	15 50	0 35	20 37	1 50	12 49	0 27	3 9	1 13	1 42	16 18	23 25	23 26	5 46	15 41	6 27
T 11	3 45	2 54	4 43	5 27	2 31	11 6	1 14	25 7	3 20	15 46	0 35	20 37	1 50	12 50	0 27	3 9	1 13	1 42	16 18	23 26	23 26	5 49	15 40	6 27
W12	3 22	1s55	4 57	5 49	2 43	10 40	1 15	25 4	3 18	15 43	0 35	20 37	1 50	12 51	0 27	3 10	1 13	1 41	16 18	23 26	23 26	5 51	15 39	6 28
T 13	2 58	6 38	4 58	6 7	2 54	10 14	1 16	25 1	3 16	15 39	0 35	20 37	1 50	12 52	0 27	3 11	1 13	1 41	16 17	23 26	23 26	5 54	15 38	6 28
F 14	2 34	11 7	4 46	6 21	3 4	9 47	1 18	24 57	3 14	15 35	0 35	20 37	1 50	12 53	0 27	3 12	1 13	1 40	16 17	23 26	23 26	5 57	15 37	6 29
S 15	2 11	15 11	4 21	6 30	3 12	9 20	1 19	24 54	3 13	15 31	0 35	20 37	1 50	12 54	0 27	3 12	1 13	1 40	16 17	23 26	23 26	5 59	15 36	6 29
S 16	1 47	18 39	3 45	6 34	3 20	8 53	1 20	24 51	3 11	15 27	0 35	20 37	1 50	12 55	0 27	3 13	1 13	1 39	16 17	23 25	23 26	6 2	15 35	6 30
M17	1 23	21 23	2 59	6 34	3 26	8 26	1 21	24 47	3 9	15 23	0 36	20 37	1 51	12 56	0 27	3 14	1 13	1 39	16 16	23 25	23 26	6 5	15 34	6 30
T 18	1 0	23 10	2 3	6 29	3 30	7 58	1 22	24 43	3 7	15 19	0 36	20 37	1 51	12 57	0 27	3 14	1 13	1 38	16 16	23 25	23 26	6 7	15 33	6 31
W19	0 36	23 51	1 1	6 20	3 32	7 30	1 23	24 40	3 5	15 15	0 36	20 37	1 51	12 58	0 27	3 15	1 13	1 37	16 16	23 25	23 25	6 10	15 32	6 31
T 20	0 12	23 20	0n 6	6 6	3 33	7 2	1 23	24 36	3 4	15 11	0 36	20 37	1 51	12 59	0 27	3 16	1 13	1 37	16 16	23 25	23 25	6 12	15 31	6 32
F 21	0n12	21 32	1 14	5 48	3 31	6 34	1 24	24 32	3 2	15 7	0 36	20 37	1 51	13 0	0 27	3 16	1 13	1 36	16 16	23 25	23 25	6 15	15 30	6 32
S 22	0 35	18 28	2 21	5 27	3 28	6 5	1 25	24 28	3 0	15 4	0 36	20 37	1 51	13 1	0 27	3 17	1 13	1 36	16 15	23 25	23 25	6 18	15 29	6 33
S 23	0 59	14 15	3 21	5 3	3 23	5 37	1 25	24 24	2 58	15 0	0 36	20 37	1 51	13 2	0 27	3 17	1 13	1 35	16 15	23 25	23 25	6 20	15 28	6 34
M24	1 23	9 5	4 11	4 36	3 16	5 8	1 26	24 19	2 57	14 56	0 37	20 36	1 51	13 3	0 27	3 18	1 13	1 35	16 15	23 25	23 25	6 23	15 27	6 34
T 25	1 46	3 16	4 45	4 6	3 8	4 39	1 26	24 15	2 55	14 52	0 37	20 36	1 52	13 4	0 27	3 19	1 13	1 34	16 15	23 25	23 25	6 25	15 26	6 35
W26	2 10	2n51	5 0	3 36	2 57	4 10	1 27	24 11	2 53	14 48	0 37	20 36	1 52	13 5	0 27	3 19	1 13	1 34	16 15	23 25	23 25	6 28	15 25	6 35
T 27	2 33	8 50	4 53	3 4	2 46	3 41	1 27	24 6	2 52	14 44	0 37	20 36	1 52	13 6	0 27	3 20	1 13	1 33	16 14	23 25	23 25	6 31	15 24	6 36
F 28	2 57	14 15	4 26	2 32	2 33	3 12	1 28	24 2	2 50	14 41	0 37	20 36	1 52	13 7	0 27	3 21	1 13	1 33	16 14	23 25	23 25	6 33	15 23	6 36
S 29	3 20	18 41	3 40	2 0	2 19	2 42	1 28	23 57	2 48	14 37	0 37	20 36	1 52	13 8	0 27	3 21	1 13	1 32	16 14	23 25	23 25	6 36	15 22	6 37
S 30	3 44	21 49	2 41	1 29	2 5	2 13	1 28	23 52	2 47	14 33	0 38	20 35	1 52	13 9	0 27	3 22	1 13	1 31	16 14	23 25	23 25	6 38	15 21	6 38
M31	4n 7	23n29	1n33	0n59	1n49	1s43	1s28	23n47	2n45	14s30	0s38	20s35	1n52	13n10	0s27	3n23	1n13	1s31	16s14	23s25	23s25	6s41	15s20	6n38

Julian Day Number = 2489589.5, Delta T = 95.14 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°11'44, Lahiri = 25°18'45

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ASTRODIENST EPHEMERIS for the year 2104
geocentric

APRIL 2104 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 55	11♈23'29	23♊41	27°R41	0♈17	25♋30	23♒ 2	13°R48	6♉16	24°R16	7♉ 4	27°D58	28♐49	5♎ 7	20♑15	T 1
W 2	12 41 52	12°22'45	6♋54	27♓11	1°32	25°49	23°13	13♐47	6°19	24♍15	7° 5	27°R58	28°45	5°14	20°17	W 2
T 3	12 45 49	13°21'58	19°42	26°46	2°46	26° 8	23°25	13°46	6°23	24°13	7° 7	27♐58	28°42	5°20	20°19	T 3
F 4	12 49 45	14°21'10	2♌12	26°27	4° 1	26°27	23°36	13°45	6°26	24°12	7° 8	27°57	28°39	5°27	20°21	F 4
S 5	12 53 42	15°20'19	14°26	26°14	5°15	26°47	23°48	13°44	6°29	24°10	7° 9	27°53	28°36	5°34	20°23	S 5
S 6	12 57 38	16°19'25	26°30	26° 6	6°29	27° 7	23°59	13°42	6°32	24° 9	7°10	27°47	28°33	5°41	20°25	S 6
M 7	13 1 35	17°18'30	8♍28	26°D 4	7°44	27°27	24°10	13°41	6°36	24° 7	7°12	27°38	28°30	5°47	20°27	M 7
T 8	13 5 31	18°17'32	20°21	26° 7	8°58	27°48	24°21	13°39	6°39	24° 6	7°13	27°27	28°26	5°54	20°28	T 8
W 9	13 9 28	19°16'32	2♎13	26°15	10°12	28° 9	24°32	13°38	6°42	24° 4	7°14	27°14	28°23	6° 1	20°30	W 9
T 10	13 13 24	20°15'30	14° 6	26°29	11°26	28°31	24°43	13°36	6°46	24° 3	7°16	27° 1	28°20	6° 8	20°31	T 10
F 11	13 17 21	21°14'26	26° 0	26°48	12°41	28°52	24°54	13°34	6°49	24° 1	7°17	26°49	28°17	6°14	20°33	F 11
S 12	13 21 18	22°13'20	7♏58	27°11	13°55	29°14	25° 5	13°32	6°52	24° 0	7°18	26°39	28°14	6°21	20°34	S 12
S 13	13 25 14	23°12'12	20° 1	27°39	15° 9	29°37	25°15	13°30	6°56	23°59	7°20	26°31	28°10	6°28	20°36	S 13
M14	13 29 11	24°11'02	2♐10	28°11	16°23	29°59	25°26	13°28	6°59	23°57	7°21	26°25	28° 7	6°34	20°37	M14
T 15	13 33 7	25° 9'51	14°28	28°47	17°38	0♌22	25°36	13°26	7° 2	23°56	7°22	26°22	28° 4	6°41	20°38	T 15
W16	13 37 4	26° 8'37	26°58	29°27	18°52	0°46	25°47	13°24	7° 6	23°54	7°24	26°D22	28° 1	6°48	20°39	W16
T 17	13 41 0	27° 7'22	9♑44	0♈11	20° 6	1° 9	25°57	13°22	7° 9	23°53	7°25	26°22	27°58	6°55	20°40	T 17
F 18	13 44 57	28° 6'05	22°49	0°58	21°20	1°33	26° 7	13°19	7°13	23°52	7°26	26°R23	27°55	7° 1	20°41	F 18
S 19	13 48 53	29° 4'47	6♒16	1°49	22°35	1°57	26°17	13°17	7°16	23°50	7°28	26°23	27°51	7° 8	20°41	S 19
S 20	13 52 50	0♉ 3'27	20° 8	2°43	23°49	2°21	26°27	13°14	7°20	23°49	7°29	26°21	27°48	7°15	20°42	S 20
M21	13 56 47	1° 2'05	4♓26	3°40	25° 3	2°46	26°37	13°12	7°23	23°48	7°30	26°17	27°45	7°21	20°43	M21
T 22	14 0 43	2° 0'41	19° 7	4°40	26°17	3°10	26°46	13° 9	7°26	23°47	7°32	26°11	27°42	7°28	20°43	T 22
W23	14 4 40	2°59'16	4♈ 7	5°43	27°31	3°35	26°56	13° 6	7°30	23°45	7°33	26° 4	27°39	7°35	20°44	W23
T 24	14 8 36	3°57'49	19°17	6°48	28°45	4° 1	27° 5	13° 3	7°33	23°44	7°35	25°56	27°36	7°42	20°44	T 24
F 25	14 12 33	4°56'20	4♉27	7°56	29°59	4°26	27°14	13° 0	7°37	23°43	7°36	25°48	27°32	7°48	20°44	F 25
S 26	14 16 29	5°54'50	19°26	9° 6	1♉14	4°52	27°24	12°57	7°40	23°42	7°37	25°42	27°29	7°55	20°44	S 26
S 27	14 20 26	6°53'17	4♊ 6	10°19	2°28	5°18	27°33	12°54	7°44	23°41	7°39	25°38	27°26	8° 2	20°45	S 27
M28	14 24 22	7°51'43	18°21	11°34	3°42	5°44	27°42	12°51	7°47	23°40	7°40	25°36	27°23	8° 8	20°R45	M28
T 29	14 28 19	8°50'06	2♋ 9	12°52	4°56	6°10	27°50	12°48	7°51	23°39	7°41	25°D36	27°20	8°15	20°45	T 29
W30	14 32 16	9♉48'28	15♋28	14♈11	6♉10	6♌37	27♒59	12♐44	7♉54	23♍38	7♉43	25♐37	27♐16	8♎22	20♑44	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n30	23n39	0n23	0n31	1n34	1s14	1s28	23n42	2n43	14s26	0s38	20s35	1n52	13n11	0s27	3n23	1n13	1s30	16s14	23s25	23s25	6s44	15s20	6n39
W 2	4 53	22 28	0s47	0 4	1 18	0 44	1 28	23 37	2 42	14 22	0 38	20 35	1 53	13 12	0 27	3 24	1 13	1 30	16 13	23 25	23 25	6 46	15 19	6 39
T 3	5 16	20 7	1 52	0s20	1 2	0 15	1 28	23 32	2 40	14 19	0 38	20 34	1 53	13 13	0 27	3 24	1 13	1 29	16 13	23 25	23 25	6 49	15 18	6 40
F 4	5 39	16 53	2 51	0 42	0 46	0n15	1 28	23 27	2 39	14 15	0 38	20 34	1 53	13 14	0 27	3 25	1 13	1 29	16 13	23 25	23 25	6 51	15 17	6 40
S 5	6 2	12 59	3 40	1 2	0 31	0 45	1 27	23 21	2 37	14 11	0 39	20 34	1 53	13 15	0 27	3 26	1 13	1 28	16 13	23 25	23 25	6 54	15 16	6 41
S 6	6 25	8 37	4 18	1 19	0 15	1 14	1 27	23 16	2 36	14 8	0 39	20 34	1 53	13 16	0 27	3 26	1 13	1 28	16 13	23 24	23 25	6 56	15 15	6 42
M 7	6 48	3 59	4 45	1 34	0 0	1 44	1 27	23 10	2 34	14 4	0 39	20 33	1 53	13 17	0 27	3 27	1 13	1 27	16 13	23 24	23 25	6 59	15 14	6 42
T 8	7 10	0s46	4 59	1 46	0s14	2 14	1 26	23 5	2 33	14 1	0 39	20 33	1 53	13 19	0 27	3 27	1 13	1 27	16 12	23 24	23 25	7 2	15 13	6 43
W 9	7 32	5 29	5 0	1 55	0 28	2 43	1 26	22 59	2 31	13 57	0 39	20 33	1 53	13 20	0 27	3 28	1 13	1 26	16 12	23 24	23 25	7 4	15 13	6 43
T 10	7 55	9 59	4 48	2 2	0 41	3 13	1 25	22 53	2 30	13 54	0 39	20 33	1 53	13 21	0 27	3 29	1 13	1 26	16 12	23 24	23 25	7 7	15 12	6 44
F 11	8 17	14 8	4 24	2 6	0 54	3 42	1 25	22 47	2 28	13 50	0 40	20 32	1 54	13 22	0 27	3 29	1 13	1 25	16 12	23 23	23 25	7 9	15 11	6 45
S 12	8 39	17 45	3 48	2 8	1 6	4 12	1 24	22 41	2 27	13 47	0 40	20 32	1 54	13 23	0 27	3 30	1 13	1 25	16 12	23 23	23 25	7 12	15 10	6 45
S 13	9 1	20 38	3 1	2 7	1 17	4 41	1 23	22 35	2 25	13 43	0 40	20 32	1 54	13 24	0 27	3 30	1 13	1 24	16 12	23 23	23 25	7 14	15 9	6 46
M14	9 22	22 38	2 5	2 4	1 28	5 10	1 22	22 29	2 24	13 40	0 40	20 31	1 54	13 25	0 27	3 31	1 13	1 24	16 12	23 23	23 25	7 17	15 9	6 47
T 15	9 44	23 34	1 3	1 59	1 38	5 39	1 22	22 23	2 22	13 37	0 40	20 31	1 54	13 26	0 27	3 31	1 13	1 23	16 12	23 23	23 25	7 19	15 8	6 47
W16	10 5	23 20	0n 3	1 52	1 48	6 8	1 21	22 16	2 21	13 33	0 41	20 30	1 54	13 27	0 27	3 32	1 13	1 23	16 12	23 23	23 25	7 22	15 7	6 48
T 17	10 27	21 53	1 11	1 42	1 56	6 37	1 20	22 10	2 20	13 30	0 41	20 30	1 54	13 29	0 26	3 32	1 13	1 22	16 12	23 23	23 25	7 24	15 6	6 48
F 18	10 48	19 15	2 17	1 31	2 4	7 6	1 19	22 3	2 18	13 27	0 41	20 30	1 54	13 30	0 26	3 33	1 13	1 22	16 12	23 23	23 25	7 27	15 6	6 49
S 19	11 8	15 31	3 17	1 18	2 12	7 35	1 18	21 56	2 17	13 24	0 41	20 29	1 54	13 31	0 26	3 33	1 13	1 21	16 11	23 23	23 25	7 30	15 5	6 50
S 20	11 29	10 51	4 7	1 2	2 19	8 3	1 16	21 49	2 15	13 20	0 41	20 29	1 54	13 32	0 26	3 34	1 13	1 21	16 11	23 23	23 24	7 32	15 4	6 50
M21	11 50	5 28	4 44	0 45	2 25	8 31	1 15	21 42	2 14	13 17	0 41	20 29	1 55	13 33	0 26	3 34	1 13	1 20	16 11	23 22	23 24	7 35	15 4	6 51
T 22	12 10	0n21	5 4	0 27	2 30	8 59	1 14	21 35	2 13	13 14	0 42	20 28	1 55	13 34	0 26	3 35	1 13	1 20	16 11	23 22	23 24	7 37	15 3	6 51
W23	12 30	6 16	5 3	0 6	2 35	9 27	1 13	21 28	2 11	13 11	0 42	20 28	1 55	13 35	0 26	3 35	1 13	1 19	16 11	23 22	23 24	7 40	15 2	6 52
T 24	12 50	11 52	4 41	0n16	2 39	9 55	1 11	21 21	2 10	13 8	0 42	20 27	1 55	13 36	0 26	3 36	1 13	1 19	16 11	23 22	23 24	7 42	15 2	6 53
F 25	13 10	16 45	4 0	0 39	2 43	10 22	1 10	21 14	2 9	13 5	0 42	20 27	1 55	13 38	0 26	3 36	1 13	1 18	16 11	23 22	23 24	7 45	15 1	6 53
S 26	13 29	20 30	3 2	1 4	2 46	10 50	1 8	21 6	2 8	13 2	0 43	20 26	1 55	13 39	0 26	3 37	1 13	1 18	16 11	23 21	23 24	7 47	15 0	6 54
S 27	13 48	22 48	1 53	1 30	2 48	11 16	1 7	20 59	2 6	12 59	0 43	20 26	1 55	13 40	0 26	3 37	1 13	1 18	16 11	23 21	23 24	7 50	15 0	6 54
M28	14 7	23 34	0 39	1 58	2 50	11 43	1 5	20 51	2 5	12 56	0 43	20 25	1 55	13 41	0 26	3 38	1 13	1 17	16 11	23 21	23 24	7 52	14 59	6 55
T 29	14 26	22 49	0s35	2 27	2 51	12 9	1 4	20 43	2 4	12 53	0 43	20 25	1 55	13 42	0 26	3 38	1 12	1 17	16 11	23 21	23 24	7 55	14 58	6 56
W30	14n45	20n47	1s45	2n57	2s51	12n36	1s 2	20n35	2n 3	12s51	0s43	20s25	1n55	13n43	0s26	3n38	1n12	1s16	16s11	23s21	23s24	7s57	14s58	6n56

Julian Day Number = 2489620.5, Delta T = 95.18 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°11'49, Lahiri = 25°18'49

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ASTRODIENST EPHEMERIS for the year 2104
geocentric

MAY 2104 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 12	10♉46'47	28♋23	15♈33	7♉24	7♌ 4	28♒ 8	12°R41	7♉57	23°R37	7♉44	25♐38	27♐13	8♎29	20°R44	T 1
F 2	14 40 9	11°45'04	10♌56	16°56	8°38	7°31	28°16	12♐38	8° 1	23♍36	7°46	25°R39	27°10	8°35	20♏44	F 2
S 3	14 44 5	12°43'19	23°12	18°22	9°52	7°58	28°24	12°34	8° 4	23°35	7°47	25°38	27° 7	8°42	20°44	S 3
S 4	14 48 2	13°41'32	5♍16	19°50	11° 6	8°25	28°32	12°31	8° 8	23°34	7°48	25°36	27° 4	8°49	20°43	S 4
M 5	14 51 58	14°39'43	17°12	21°20	12°20	8°53	28°40	12°27	8°11	23°33	7°50	25°32	27° 1	8°56	20°42	M 5
T 6	14 55 55	15°37'52	29° 4	22°52	13°34	9°21	28°48	12°23	8°15	23°32	7°51	25°26	26°57	9° 2	20°42	T 6
W 7	14 59 51	16°36'00	10♎56	24°26	14°48	9°49	28°56	12°20	8°18	23°31	7°52	25°20	26°54	9° 9	20°41	W 7
T 8	15 3 48	17°34'05	22°50	26° 1	16° 2	10°17	29° 4	12°16	8°22	23°30	7°54	25°12	26°51	9°16	20°40	T 8
F 9	15 7 44	18°32'09	4♏49	27°39	17°16	10°45	29°11	12°12	8°25	23°29	7°55	25° 6	26°48	9°22	20°39	F 9
S 10	15 11 41	19°30'11	16°54	29°19	18°30	11°13	29°18	12° 8	8°28	23°28	7°57	25° 0	26°45	9°29	20°39	S 10
S 11	15 15 38	20°28'11	29° 7	1♉ 0	19°44	11°42	29°25	12° 4	8°32	23°28	7°58	24°56	26°42	9°36	20°38	S 11
M12	15 19 34	21°26'10	11♐29	2°44	20°58	12°11	29°32	12° 0	8°35	23°27	7°59	24°53	26°38	9°43	20°36	M12
T 13	15 23 31	22°24'07	24° 2	4°29	22°12	12°40	29°39	11°56	8°39	23°26	8° 1	24°D53	26°35	9°49	20°35	T 13
W14	15 27 27	23°22'03	6♑46	6°17	23°26	13° 9	29°46	11°52	8°42	23°26	8° 2	24°53	26°32	9°56	20°34	W14
T 15	15 31 24	24°19'58	19°45	8° 6	24°40	13°38	29°53	11°48	8°45	23°25	8° 3	24°55	26°29	10° 3	20°33	T 15
F 16	15 35 20	25°17'51	2♒58	9°58	25°54	14° 8	29°59	11°44	8°49	23°24	8° 5	24°56	26°26	10° 9	20°31	F 16
S 17	15 39 17	26°15'43	16°29	11°51	27° 7	14°37	0♓ 5	11°40	8°52	23°24	8° 6	24°57	26°22	10°16	20°30	S 17
S 18	15 43 14	27°13'34	0♓19	13°46	28°21	15° 7	0°11	11°35	8°55	23°23	8° 7	24°R58	26°19	10°23	20°28	S 18
M19	15 47 10	28°11'23	14°27	15°43	29°35	15°37	0°17	11°31	8°59	23°23	8° 8	24°57	26°16	10°30	20°27	M19
T 20	15 51 7	29° 9'12	28°52	17°42	0♊49	16° 7	0°23	11°27	9° 2	23°22	8°10	24°55	26°13	10°36	20°25	T 20
W21	15 55 3	0♊ 6'59	13♈30	19°43	2° 3	16°37	0°29	11°22	9° 5	23°22	8°11	24°52	26°10	10°43	20°23	W21
T 22	15 59 0	1° 4'45	28°17	21°46	3°17	17° 7	0°34	11°18	9° 8	23°21	8°12	24°49	26° 7	10°50	20°21	T 22
F 23	16 2 56	2° 2'31	13♉ 5	23°50	4°31	17°38	0°39	11°14	9°12	23°21	8°14	24°46	26° 3	10°56	20°19	F 23
S 24	16 6 53	3° 0'15	27°47	25°56	5°44	18° 8	0°44	11° 9	9°15	23°21	8°15	24°43	26° 0	11° 3	20°17	S 24
S 25	16 10 49	3°57'57	12♊15	28° 4	6°58	18°39	0°49	11° 5	9°18	23°20	8°16	24°42	25°57	11°10	20°15	S 25
M26	16 14 46	4°55'39	26°24	0♊12	8°12	19°10	0°54	11° 1	9°21	23°20	8°17	24°D41	25°54	11°17	20°13	M26
T 27	16 18 43	5°53'19	10♋10	2°22	9°26	19°41	0°59	10°56	9°25	23°20	8°19	24°42	25°51	11°23	20°11	T 27
W28	16 22 39	6°50'57	23°32	4°33	10°40	20°12	1° 3	10°52	9°28	23°20	8°20	24°43	25°48	11°30	20° 9	W28
T 29	16 26 36	7°48'35	6♌30	6°44	11°53	20°43	1° 7	10°47	9°31	23°19	8°21	24°44	25°44	11°37	20° 6	T 29
F 30	16 30 32	8°46'10	19° 7	8°56	13° 7	21°14	1°11	10°43	9°34	23°19	8°22	24°46	25°41	11°44	20° 4	F 30
S 31	16 34 29	9♊43'45	1♍27	11♊ 8	14♊21	21♌46	1♓15	10♐38	9♉37	23♍19	8♉24	24♐46	25♐38	11♎50	20♏ 2	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 3	17n44	2s48	3n29	2s51	13n 1	1s 0	20n27	2n 1	12s48	0s44	20s24	1n55	13n44	0s26	3n39	1n12	1s16	16s11	23s21	23s24	8s 0	14s57	6n57
F 2	15 21	13 57	3 40	4 1	2 51	13 27	0 59	20 19	2 0	12 45	0 44	20 24	1 55	13 45	0 26	3 39	1 12	1 15	16 11	23 21	23 24	8 2	14 57	6 57
S 3	15 39	9 39	4 21	4 35	2 50	13 52	0 57	20 11	1 59	12 43	0 44	20 23	1 55	13 47	0 26	3 39	1 12	1 15	16 11	23 21	23 24	8 5	14 56	6 58
S 4	15 56	5 4	4 50	5 10	2 48	14 17	0 55	20 2	1 58	12 40	0 44	20 23	1 55	13 48	0 26	3 40	1 12	1 15	16 11	23 21	23 24	8 7	14 56	6 59
M 5	16 14	0 21	5 6	5 45	2 46	14 41	0 53	19 54	1 56	12 37	0 44	20 22	1 55	13 49	0 26	3 40	1 12	1 14	16 11	23 21	23 24	8 10	14 55	6 59
T 6	16 31	4s21	5 9	6 22	2 43	15 5	0 51	19 46	1 55	12 35	0 45	20 22	1 55	13 50	0 26	3 40	1 12	1 14	16 11	23 21	23 23	8 12	14 55	7 0
W 7	16 47	8 53	4 58	7 0	2 39	15 29	0 49	19 37	1 54	12 32	0 45	20 21	1 55	13 51	0 26	3 41	1 12	1 13	16 11	23 21	23 23	8 15	14 54	7 0
T 8	17 4	13 7	4 35	7 38	2 35	15 52	0 47	19 28	1 53	12 30	0 45	20 21	1 55	13 52	0 26	3 41	1 12	1 13	16 11	23 20	23 23	8 17	14 54	7 1
F 9	17 20	16 52	3 59	8 17	2 31	16 15	0 45	19 19	1 52	12 28	0 45	20 20	1 55	13 53	0 26	3 41	1 12	1 13	16 11	23 20	23 23	8 20	14 53	7 2
S 10	17 36	19 56	3 12	8 57	2 26	16 38	0 43	19 10	1 51	12 25	0 46	20 20	1 56	13 54	0 26	3 42	1 12	1 12	16 11	23 20	23 23	8 22	14 53	7 2
S 11	17 51	22 10	2 16	9 37	2 20	17 0	0 41	19 1	1 50	12 23	0 46	20 19	1 56	13 55	0 26	3 42	1 12	1 12	16 11	23 20	23 23	8 25	14 53	7 3
M12	18 7	23 21	1 12	10 19	2 14	17 22	0 39	18 52	1 48	12 21	0 46	20 18	1 56	13 56	0 26	3 42	1 12	1 12	16 11	23 20	23 23	8 27	14 52	7 3
T 13	18 22	23 22	0 5	11 0	2 8	17 43	0 37	18 43	1 47	12 19	0 46	20 18	1 56	13 58	0 26	3 42	1 12	1 11	16 11	23 20	23 23	8 30	14 52	7 4
W14	18 36	22 11	1n 5	11 42	2 1	18 4	0 35	18 33	1 46	12 16	0 46	20 17	1 56	13 59	0 26	3 43	1 12	1 11	16 11	23 20	23 23	8 32	14 51	7 4
T 15	18 51	19 48	2 12	12 25	1 53	18 24	0 33	18 24	1 45	12 14	0 47	20 17	1 56	14 0	0 26	3 43	1 12	1 11	16 12	23 20	23 23	8 34	14 51	7 5
F 16	19 5	16 20	3 14	13 8	1 45	18 44	0 30	18 14	1 44	12 12	0 47	20 16	1 56	14 1	0 26	3 43	1 12	1 10	16 12	23 20	23 23	8 37	14 51	7 6
S 17	19 18	11 58	4 6	13 50	1 37	19 3	0 28	18 5	1 43	12 10	0 47	20 16	1 56	14 2	0 26	3 43	1 12	1 10	16 12	23 20	23 23	8 39	14 50	7 6
S 18	19 32	6 54	4 45	14 33	1 28	19 22	0 26	17 55	1 42	12 8	0 47	20 15	1 56	14 3	0 26	3 44	1 12	1 10	16 12	23 20	23 22	8 42	14 50	7 7
M19	19 45	1 22	5 8	15 16	1 19	19 40	0 24	17 45	1 41	12 7	0 48	20 15	1 56	14 4	0 26	3 44	1 12	1 9	16 12	23 20	23 22	8 44	14 50	7 7
T 20	19 57	4n20	5 13	15 59	1 10	19 58	0 21	17 35	1 40	12 5	0 48	20 14	1 56	14 5	0 26	3 44	1 12	1 9	16 12	23 20	23 22	8 47	14 49	7 8
W21	20 10	9 53	4 57	16 42	1 0	20 15	0 19	17 25	1 39	12 3	0 48	20 13	1 56	14 6	0 26	3 44	1 12	1 9	16 12	23 20	23 22	8 49	14 49	7 8
T 22	20 22	14 56	4 22	17 23	0 50	20 32	0 17	17 15	1 38	12 1	0 48	20 13	1 56	14 7	0 26	3 44	1 12	1 9	16 12	23 19	23 22	8 52	14 49	7 9
F 23	20 33	19 5	3 29	18 5	0 40	20 48	0 14	17 4	1 37	12 0	0 49	20 12	1 55	14 8	0 26	3 44	1 12	1 8	16 12	23 19	23 22	8 54	14 49	7 9
S 24	20 45	21 58	2 23	18 45	0 29	21 3	0 12	16 54	1 36	11 58	0 49	20 12	1 55	14 9	0 26	3 44	1 12	1 8	16 12	23 19	23 22	8 56	14 48	7 10
S 25	20 56	23 22	1 8	19 25	0 19	21 18	0 10	16 43	1 34	11 57	0 49	20 11	1 55	14 10	0 26	3 45	1 12	1 8	16 13	23 19	23 22	8 59	14 48	7 10
M26	21 6	23 13	0s 9	20 3	0 8	21 33	0 7	16 33	1 33	11 55	0 49	20 11	1 55	14 11	0 26	3 45	1 12	1 7	16 13	23 19	23 22	9 1	14 48	7 11
T 27	21 17	21 38	1 24	20 40	0n 2	21 46	0 5	16 22	1 32	11 54	0 50	20 10	1 55	14 12	0 26	3 45	1 12	1 7	16 13	23 19	23 22	9 4	14 48	7 11
W28	21 26	18 52	2 32	21 15	0 13	22 0	0 2	16 11	1 31	11 52	0 50	20 9	1 55	14 13	0 26	3 45	1 12	1 7	16 13	23 19	23 22	9 6	14 48	7 12
T 29	21 36	15 14	3 31	21 48	0 23	22 12	0n 0	16 0	1 30	11 51	0 50	20 9	1 55	14 14	0 26	3 45	1 12	1 7	16 13	23 19	23 21	9 9	14 48	7 12
F 30	21 45	11 0	4 17	22 20	0 34	22 24	0 2	15 49	1 29	11 50	0 50	20 8	1 55	14 15	0 26	3 45	1 12	1 6	16 13	23 19	23 21	9 11	14 47	7 13
S 31	21n54	6n26	4s50	22n49	0n43	22n35	0n 5	15n38	1n28	11s49	0s51	20s 8	1n55	14n16	0s26	3n45	1n12	1s 6	16s13	23s19	23s21	9s13	14s47	7n13

Julian Day Number = 2489650.5, Delta T = 95.22 sec
Ecliptic obliquity = 23°25'32, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°11'53, Lahiri = 25°18'53

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ASTRODIENST EPHEMERIS for the year 2104
geocentric

JUNE 2104 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 25	10♊41'17	13♍33	13♊20	15♊35	22♌17	1♓19	10°R34	9♉40	23°R19	8♉25	24°R47	25♐35	11♎57	19°R59	S 1
M 2	16 42 22	11°38'49	25°30	15°32	16°48	22°49	1°22	10♐29	9°43	23♍19	8°26	24♐46	25°32	12° 4	19♑57	M 2
T 3	16 46 18	12°36'19	7♎23	17°42	18° 2	23°21	1°26	10°25	9°46	23°19	8°27	24°45	25°28	12°10	19°54	T 3
W 4	16 50 15	13°33'48	19°16	19°52	19°16	23°53	1°29	10°21	9°49	23°D19	8°28	24°44	25°25	12°17	19°51	W 4
T 5	16 54 12	14°31'16	1♏13	22° 1	20°30	24°25	1°32	10°16	9°52	23°19	8°29	24°42	25°22	12°24	19°49	T 5
F 6	16 58 8	15°28'42	13°17	24° 9	21°43	24°57	1°35	10°12	9°55	23°19	8°31	24°41	25°19	12°31	19°46	F 6
S 7	17 2 5	16°26'08	25°30	26°14	22°57	25°29	1°37	10° 7	9°58	23°19	8°32	24°40	25°16	12°37	19°43	S 7
S 8	17 6 1	17°23'32	7♐55	28°18	24°11	26° 2	1°40	10° 3	10° 1	23°19	8°33	24°39	25°13	12°44	19°40	S 8
M 9	17 9 58	18°20'56	20°33	0♋20	25°24	26°34	1°42	9°59	10° 4	23°19	8°34	24°D39	25° 9	12°51	19°37	M 9
T 10	17 13 54	19°18'19	3♑25	2°20	26°38	27° 7	1°44	9°54	10° 7	23°19	8°35	24°39	25° 6	12°57	19°34	T 10
W11	17 17 51	20°15'41	16°31	4°18	27°52	27°39	1°46	9°50	10°10	23°20	8°36	24°39	25° 3	13° 4	19°31	W11
T 12	17 21 47	21°13'02	29°51	6°14	29° 5	28°12	1°48	9°45	10°12	23°20	8°37	24°40	25° 0	13°11	19°28	T 12
F 13	17 25 44	22°10'23	13♒24	8° 7	0♋19	28°45	1°49	9°41	10°15	23°20	8°38	24°40	24°57	13°18	19°25	F 13
S 14	17 29 41	23° 7'43	27°10	9°58	1°33	29°18	1°51	9°37	10°18	23°21	8°39	24°40	24°54	13°24	19°22	S 14
S 15	17 33 37	24° 5'02	11♓ 7	11°47	2°46	29°51	1°52	9°33	10°21	23°21	8°40	24°40	24°50	13°31	19°19	S 15
M16	17 37 34	25° 2'22	25°14	13°33	4° 0	0♍24	1°53	9°28	10°23	23°21	8°41	24°40	24°47	13°38	19°15	M16
T 17	17 41 30	25°59'40	9♈29	15°17	5°14	0°57	1°53	9°24	10°26	23°22	8°42	24°40	24°44	13°44	19°12	T 17
W18	17 45 27	26°56'59	23°49	16°58	6°27	1°30	1°54	9°20	10°29	23°22	8°43	24°40	24°41	13°51	19° 9	W18
T 19	17 49 23	27°54'17	8♉12	18°36	7°41	2° 4	1°54	9°16	10°31	23°23	8°44	24°40	24°38	13°58	19° 5	T 19
F 20	17 53 20	28°51'35	22°33	20°13	8°55	2°37	1°R55	9°12	10°34	23°23	8°45	24°41	24°34	14° 5	19° 2	F 20
S 21	17 57 16	29°48'53	6♊48	21°46	10° 8	3°11	1°55	9° 8	10°36	23°24	8°46	24°41	24°31	14°11	18°58	S 21
S 22	18 1 13	0♋46'11	20°53	23°17	11°22	3°45	1°54	9° 4	10°39	23°24	8°47	24°R41	24°28	14°18	18°55	S 22
M23	18 5 10	1°43'28	4♋44	24°46	12°36	4°19	1°54	9° 0	10°41	23°25	8°48	24°41	24°25	14°25	18°51	M23
T 24	18 9 6	2°40'44	18°17	26°12	13°49	4°52	1°53	8°56	10°44	23°25	8°49	24°41	24°22	14°31	18°48	T 24
W25	18 13 3	3°38'00	1♌32	27°35	15° 3	5°26	1°53	8°52	10°46	23°26	8°50	24°40	24°19	14°38	18°44	W25
T 26	18 16 59	4°35'16	14°27	28°56	16°16	6° 1	1°52	8°48	10°49	23°27	8°51	24°39	24°15	14°45	18°41	T 26
F 27	18 20 56	5°32'31	27° 4	0♌14	17°30	6°35	1°50	8°45	10°51	23°28	8°51	24°37	24°12	14°52	18°37	F 27
S 28	18 24 52	6°29'45	9♍25	1°30	18°44	7° 9	1°49	8°41	10°53	23°28	8°52	24°36	24° 9	14°58	18°34	S 28
S 29	18 28 49	7°26'59	21°32	2°42	19°57	7°43	1°47	8°37	10°55	23°29	8°53	24°35	24° 6	15° 5	18°30	S 29
M30	18 32 45	8♋24'12	3♎30	3♌52	21♋11	8♍18	1♓46	8♐34	10♉58	23♍30	8♉54	24°D34	24♐ 3	15♎12	18♑26	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 2	1n41	5s10	23n16	0n53	22n46	0n 7	15n27	1n27	11s48	0s51	20s 7	1n55	14n17	0s26	3n45	1n12	1s 6	16s14	23s19	23s21	9s16	14s47	7n13
M 2	22 10	3s 3	5 16	23 40	1 2	22 56	0 10	15 16	1 26	11 47	0 51	20 7	1 55	14 18	0 26	3 45	1 12	1 6	16 14	23 19	23 21	9 18	14 47	7 14
T 3	22 18	7 39	5 8	24 2	1 11	23 5	0 12	15 4	1 26	11 46	0 51	20 6	1 55	14 19	0 26	3 45	1 12	1 6	16 14	23 19	23 21	9 21	14 47	7 14
W 4	22 25	11 58	4 48	24 21	1 19	23 14	0 14	14 53	1 25	11 45	0 52	20 5	1 55	14 20	0 26	3 45	1 11	1 5	16 14	23 19	23 21	9 23	14 47	7 15
T 5	22 32	15 52	4 14	24 37	1 26	23 22	0 17	14 41	1 24	11 44	0 52	20 5	1 55	14 21	0 26	3 45	1 11	1 5	16 14	23 19	23 21	9 25	14 47	7 15
F 6	22 38	19 8	3 29	24 51	1 33	23 29	0 19	14 30	1 23	11 43	0 52	20 4	1 55	14 22	0 26	3 45	1 11	1 5	16 14	23 19	23 21	9 28	14 47	7 16
S 7	22 44	21 38	2 34	25 2	1 39	23 36	0 21	14 18	1 22	11 43	0 53	20 4	1 55	14 23	0 26	3 45	1 11	1 5	16 15	23 19	23 20	9 30	14 47	7 16
S 8	22 50	23 7	1 31	25 10	1 45	23 42	0 24	14 6	1 21	11 42	0 53	20 3	1 55	14 24	0 26	3 45	1 11	1 5	16 15	23 19	23 20	9 33	14 47	7 16
M 9	22 55	23 28	0 23	25 15	1 50	23 47	0 26	13 54	1 20	11 41	0 53	20 3	1 54	14 25	0 26	3 45	1 11	1 5	16 15	23 19	23 20	9 35	14 47	7 17
T 10	23 0	22 34	0n48	25 18	1 54	23 51	0 28	13 42	1 19	11 41	0 53	20 2	1 54	14 25	0 26	3 44	1 11	1 5	16 15	23 19	23 20	9 37	14 47	7 17
W11	23 4	20 27	1 58	25 18	1 57	23 55	0 31	13 30	1 18	11 40	0 54	20 2	1 54	14 26	0 26	3 44	1 11	1 4	16 15	23 19	23 20	9 40	14 47	7 17
T 12	23 8	17 11	3 3	25 16	1 59	23 58	0 33	13 18	1 17	11 40	0 54	20 1	1 54	14 27	0 26	3 44	1 11	1 4	16 16	23 19	23 20	9 42	14 47	7 18
F 13	23 12	12 58	3 59	25 11	2 1	24 1	0 35	13 6	1 16	11 40	0 54	20 1	1 54	14 28	0 26	3 44	1 11	1 4	16 16	23 19	23 20	9 45	14 47	7 18
S 14	23 15	8 2	4 41	25 5	2 2	24 2	0 37	12 53	1 15	11 40	0 54	20 0	1 54	14 29	0 26	3 44	1 11	1 4	16 16	23 19	23 20	9 47	14 47	7 18
S 15	23 18	2 38	5 8	24 56	2 2	24 3	0 40	12 41	1 14	11 39	0 55	20 0	1 54	14 30	0 26	3 44	1 11	1 4	16 16	23 19	23 19	9 49	14 48	7 19
M16	23 20	2n57	5 17	24 45	2 2	24 4	0 42	12 28	1 13	11 39	0 55	19 59	1 54	14 31	0 26	3 44	1 11	1 4	16 16	23 19	23 19	9 52	14 48	7 19
T 17	23 22	8 27	5 6	24 33	2 0	24 3	0 44	12 16	1 13	11 39	0 55	19 59	1 54	14 31	0 26	3 43	1 11	1 4	16 17	23 19	23 19	9 54	14 48	7 19
W18	23 23	13 32	4 37	24 19	1 59	24 2	0 46	12 3	1 12	11 39	0 56	19 58	1 53	14 32	0 26	3 43	1 11	1 4	16 17	23 19	23 19	9 56	14 48	7 20
T 19	23 25	17 51	3 50	24 3	1 56	24 0	0 48	11 50	1 11	11 40	0 56	19 58	1 53	14 33	0 26	3 43	1 11	1 4	16 17	23 19	23 19	9 59	14 48	7 20
F 20	23 25	21 7	2 49	23 45	1 52	23 58	0 50	11 37	1 10	11 40	0 56	19 57	1 53	14 34	0 26	3 43	1 11	1 4	16 17	23 19	23 19	10 1	14 48	7 20
S 21	23 26	23 2	1 38	23 27	1 48	23 54	0 52	11 24	1 9	11 40	0 56	19 57	1 53	14 35	0 26	3 42	1 11	1 4	16 18	23 19	23 19	10 3	14 49	7 21
S 22	23 25	23 28	0 21	23 7	1 44	23 50	0 54	11 11	1 8	11 40	0 57	19 56	1 53	14 35	0 26	3 42	1 11	1 3	16 18	23 19	23 19	10 6	14 49	7 21
M23	23 25	22 25	0s55	22 46	1 38	23 46	0 56	10 58	1 7	11 41	0 57	19 56	1 53	14 36	0 26	3 42	1 11	1 3	16 18	23 19	23 18	10 8	14 49	7 21
T 24	23 24	20 5	2 7	22 24	1 32	23 40	0 58	10 45	1 6	11 41	0 57	19 55	1 53	14 37	0 27	3 42	1 11	1 3	16 18	23 19	23 18	10 10	14 49	7 21
W25	23 23	16 43	3 10	22 2	1 25	23 34	1 0	10 32	1 6	11 42	0 57	19 55	1 53	14 38	0 27	3 41	1 11	1 3	16 19	23 19	23 18	10 13	14 50	7 21
T 26	23 21	12 38	4 2	21 38	1 18	23 27	1 2	10 18	1 5	11 42	0 58	19 54	1 52	14 38	0 27	3 41	1 11	1 3	16 19	23 19	23 18	10 15	14 50	7 22
F 27	23 19	8 5	4 40	21 14	1 10	23 20	1 4	10 5	1 4	11 43	0 58	19 54	1 52	14 39	0 27	3 41	1 11	1 3	16 19	23 19	23 18	10 17	14 50	7 22
S 28	23 16	3 19	5 5	20 49	1 2	23 12	1 5	9 51	1 3	11 44	0 58	19 54	1 52	14 40	0 27	3 40	1 11	1 3	16 19	23 19	23 18	10 20	14 50	7 22
S 29	23 13	1s29	5 16	20 24	0 53	23 3	1 7	9 38	1 2	11 45	0 59	19 53	1 52	14 40	0 27	3 40	1 11	1 3	16 20	23 19	23 18	10 22	14 51	7 22
M30	23n10	6s10	5s12	19n59	0n43	22n53	1n 9	9n24	1n 1	11s45	0s59	19s53	1n52	14n41	0s27	3n40	1n11	1s 3	16s20	23s19	23s17	10s24	14s51	7n22

Julian Day Number = 2489681.5, Delta T = 95.26 sec
Ecliptic obliquity = 23°25'32, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°11'57, Lahiri = 25°18'57

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ASTRODIENST EPHEMERIS for the year 2104
geocentric

JULY 2104 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 42	9♋21'25	15♎24	4♌59	22♋24	8♍52	1°R44	8°R30	11♉ 0	23♍31	8♉55	24♐34	24♐ 0	15♎18	18°R23	T 1
W 2	18 40 39	10°18'38	27°17	6° 2	23°38	9°27	1♓42	8♐27	11° 2	23°32	8°55	24°35	23°56	15°25	18♑19	W 2
T 3	18 44 35	11°15'50	9♏15	7° 3	24°52	10° 1	1°39	8°23	11° 4	23°33	8°56	24°36	23°53	15°32	18°15	T 3
F 4	18 48 32	12°13'01	21°22	8° 1	26° 5	10°36	1°37	8°20	11° 6	23°33	8°57	24°38	23°50	15°39	18°11	F 4
S 5	18 52 28	13°10'13	3♐41	8°55	27°19	11°11	1°34	8°17	11° 8	23°34	8°58	24°39	23°47	15°45	18° 8	S 5
S 6	18 56 25	14° 7'24	16°16	9°46	28°32	11°46	1°31	8°14	11°10	23°35	8°58	24°40	23°44	15°52	18° 4	S 6
M 7	19 0 21	15° 4'36	29° 9	10°33	29°46	12°21	1°28	8°11	11°12	23°36	8°59	24°R40	23°40	15°59	18° 0	M 7
T 8	19 4 18	16° 1'47	12♑21	11°17	0♌59	12°56	1°25	8° 8	11°14	23°38	9° 0	24°39	23°37	16° 5	17°57	T 8
W 9	19 8 15	16°58'58	25°51	11°57	2°13	13°31	1°21	8° 5	11°16	23°39	9° 0	24°37	23°34	16°12	17°53	W 9
T 10	19 12 11	17°56'09	9♒37	12°33	3°26	14° 6	1°18	8° 2	11°18	23°40	9° 1	24°35	23°31	16°19	17°49	T 10
F 11	19 16 8	18°53'21	23°36	13° 5	4°40	14°41	1°14	7°59	11°19	23°41	9° 1	24°31	23°28	16°26	17°45	F 11
S 12	19 20 4	19°50'32	7♓45	13°33	5°53	15°17	1°10	7°56	11°21	23°42	9° 2	24°28	23°25	16°32	17°42	S 12
S 13	19 24 1	20°47'44	22° 0	13°57	7° 7	15°52	1° 6	7°53	11°23	23°43	9° 3	24°25	23°21	16°39	17°38	S 13
M14	19 27 57	21°44'57	6♈16	14°16	8°20	16°28	1° 2	7°51	11°25	23°44	9° 3	24°23	23°18	16°46	17°34	M14
T 15	19 31 54	22°42'10	20°32	14°30	9°34	17° 3	0°57	7°48	11°26	23°46	9° 4	24°D22	23°15	16°52	17°30	T 15
W16	19 35 50	23°39'24	4♉43	14°40	10°47	17°39	0°53	7°46	11°28	23°47	9° 4	24°23	23°12	16°59	17°27	W16
T 17	19 39 47	24°36'38	18°48	14°46	12° 1	18°14	0°48	7°43	11°29	23°48	9° 5	24°24	23° 9	17° 6	17°23	T 17
F 18	19 43 44	25°33'53	2♊45	14°R46	13°14	18°50	0°43	7°41	11°31	23°50	9° 5	24°25	23° 5	17°13	17°19	F 18
S 19	19 47 40	26°31'09	16°34	14°42	14°28	19°26	0°38	7°39	11°32	23°51	9° 5	24°26	23° 2	17°19	17°16	S 19
S 20	19 51 37	27°28'25	0♋13	14°33	15°41	20° 2	0°33	7°37	11°33	23°52	9° 6	24°R26	22°59	17°26	17°12	S 20
M21	19 55 33	28°25'42	13°39	14°19	16°54	20°38	0°27	7°35	11°35	23°54	9° 6	24°25	22°56	17°33	17° 8	M21
T 22	19 59 30	29°22'59	26°53	14° 0	18° 8	21°14	0°22	7°33	11°36	23°55	9° 7	24°22	22°53	17°39	17° 5	T 22
W23	20 3 26	0♌20'17	9♌53	13°37	19°21	21°50	0°16	7°31	11°37	23°57	9° 7	24°17	22°50	17°46	17° 1	W23
T 24	20 7 23	1°17'35	22°38	13° 9	20°35	22°27	0°10	7°29	11°39	23°58	9° 7	24°11	22°46	17°53	16°58	T 24
F 25	20 11 19	2°14'54	5♍ 8	12°38	21°48	23° 3	0° 4	7°28	11°40	24° 0	9° 8	24° 5	22°43	18° 0	16°54	F 25
S 26	20 15 16	3°12'13	17°25	12° 3	23° 1	23°39	29♒58	7°26	11°41	24° 1	9° 8	23°58	22°40	18° 6	16°51	S 26
S 27	20 19 13	4° 9'32	29°31	11°25	24°15	24°16	29°52	7°25	11°42	24° 3	9° 8	23°53	22°37	18°13	16°47	S 27
M28	20 23 9	5° 6'52	11♎28	10°45	25°28	24°52	29°45	7°23	11°43	24° 4	9° 8	23°48	22°34	18°20	16°44	M28
T 29	20 27 6	6° 4'13	23°20	10° 2	26°42	25°29	29°39	7°22	11°44	24° 6	9° 9	23°46	22°31	18°26	16°40	T 29
W30	20 31 2	7° 1'34	5♏12	9°19	27°55	26° 5	29°32	7°21	11°45	24° 8	9° 9	23°D45	22°27	18°33	16°37	W30
T 31	20 34 59	7♌58'55	17♏ 9	8♌35	29♌ 8	26♍42	29♒25	7♐20	11♉46	24♍ 9	9♉ 9	23♐45	22♐24	18♎40	16♑33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 6	10s36	4s56	19n33	0n33	22n43	1n10	9n10	1n 0	11s46	0s59	19s52	1n52	14n42	0s27	3n39	1n11	1s 3	16s20	23s19	23s17	10s27	14s51	7n22
W 2	23 2	14 38	4 26	19 7	0 23	22 32	1 12	8 57	1 0	11 47	0 59	19 52	1 51	14 42	0 27	3 39	1 11	1 3	16 20	23 19	23 17	10 29	14 52	7 23
T 3	22 57	18 7	3 45	18 41	0 12	22 21	1 13	8 43	0 59	11 49	1 0	19 52	1 51	14 43	0 27	3 39	1 11	1 4	16 21	23 19	23 17	10 31	14 52	7 23
F 4	22 52	20 53	2 54	18 15	0s 0	22 9	1 15	8 29	0 58	11 50	1 0	19 51	1 51	14 44	0 27	3 38	1 11	1 4	16 21	23 19	23 17	10 34	14 52	7 23
S 5	22 46	22 44	1 53	17 49	0 12	21 56	1 16	8 15	0 57	11 51	1 0	19 51	1 51	14 44	0 27	3 38	1 11	1 4	16 21	23 19	23 17	10 36	14 53	7 23
S 6	22 41	23 29	0 46	17 24	0 24	21 43	1 18	8 1	0 56	11 52	1 0	19 51	1 51	14 45	0 27	3 37	1 11	1 4	16 22	23 19	23 17	10 38	14 53	7 23
M 7	22 34	23 1	0n25	16 59	0 37	21 29	1 19	7 47	0 55	11 53	1 1	19 50	1 51	14 46	0 27	3 37	1 10	1 4	16 22	23 19	23 16	10 41	14 54	7 23
T 8	22 28	21 16	1 36	16 34	0 51	21 14	1 20	7 33	0 55	11 55	1 1	19 50	1 50	14 46	0 27	3 36	1 10	1 4	16 22	23 19	23 16	10 43	14 54	7 23
W 9	22 21	18 18	2 43	16 10	1 4	20 59	1 21	7 18	0 54	11 56	1 1	19 50	1 50	14 47	0 27	3 36	1 10	1 4	16 22	23 19	23 16	10 45	14 54	7 23
T 10	22 13	14 16	3 42	15 47	1 18	20 43	1 23	7 4	0 53	11 58	1 1	19 49	1 50	14 47	0 27	3 36	1 10	1 4	16 23	23 19	23 16	10 47	14 55	7 23
F 11	22 6	9 24	4 29	15 24	1 32	20 26	1 24	6 50	0 52	11 59	1 2	19 49	1 50	14 48	0 27	3 35	1 10	1 4	16 23	23 19	23 16	10 50	14 55	7 23
S 12	21 58	4 0	5 0	15 3	1 46	20 9	1 25	6 35	0 51	12 1	1 2	19 49	1 50	14 48	0 27	3 35	1 10	1 4	16 23	23 19	23 16	10 52	14 56	7 23
S 13	21 49	1n37	5 13	14 42	2 1	19 52	1 26	6 21	0 51	12 3	1 2	19 49	1 49	14 49	0 27	3 34	1 10	1 4	16 24	23 18	23 16	10 54	14 56	7 23
M14	21 40	7 11	5 7	14 23	2 15	19 34	1 27	6 6	0 50	12 5	1 2	19 48	1 49	14 49	0 27	3 34	1 10	1 5	16 24	23 18	23 15	10 56	14 57	7 23
T 15	21 31	12 21	4 41	14 5	2 30	19 15	1 27	5 52	0 49	12 6	1 3	19 48	1 49	14 50	0 27	3 33	1 10	1 5	16 24	23 18	23 15	10 59	14 57	7 23
W16	21 21	16 50	3 59	13 48	2 44	18 56	1 28	5 37	0 48	12 8	1 3	19 48	1 49	14 50	0 27	3 33	1 10	1 5	16 24	23 18	23 15	11 1	14 58	7 23
T 17	21 11	20 20	3 3	13 33	2 59	18 36	1 29	5 23	0 48	12 10	1 3	19 48	1 49	14 51	0 27	3 32	1 10	1 5	16 25	23 18	23 15	11 3	14 58	7 23
F 18	21 1	22 35	1 56	13 19	3 13	18 16	1 29	5 8	0 47	12 12	1 3	19 48	1 48	14 51	0 27	3 31	1 10	1 5	16 25	23 18	23 15	11 6	14 59	7 23
S 19	20 50	23 28	0 43	13 7	3 27	17 55	1 30	4 53	0 46	12 14	1 4	19 48	1 48	14 52	0 27	3 31	1 10	1 5	16 25	23 19	23 15	11 8	14 59	7 23
S 20	20 39	22 54	0s31	12 57	3 40	17 34	1 31	4 38	0 45	12 16	1 4	19 47	1 48	14 52	0 27	3 30	1 10	1 5	16 26	23 19	23 14	11 10	15 0	7 23
M21	20 28	21 1	1 43	12 49	3 53	17 12	1 31	4 23	0 44	12 18	1 4	19 47	1 48	14 52	0 27	3 30	1 10	1 6	16 26	23 18	23 14	11 12	15 0	7 23
T 22	20 16	18 2	2 48	12 42	4 5	16 50	1 31	4 8	0 44	12 21	1 4	19 47	1 48	14 53	0 27	3 29	1 10	1 6	16 26	23 18	23 14	11 15	15 1	7 23
W23	20 4	14 12	3 42	12 38	4 16	16 28	1 32	3 53	0 43	12 23	1 5	19 47	1 47	14 53	0 27	3 29	1 10	1 6	16 27	23 18	23 14	11 17	15 1	7 23
T 24	19 52	9 48	4 24	12 36	4 26	16 4	1 32	3 38	0 42	12 25	1 5	19 47	1 47	14 53	0 27	3 28	1 10	1 6	16 27	23 18	23 14	11 19	15 2	7 23
F 25	19 39	5 4	4 53	12 36	4 35	15 41	1 32	3 23	0 41	12 27	1 5	19 47	1 47	14 54	0 27	3 27	1 10	1 6	16 27	23 18	23 14	11 21	15 2	7 22
S 26	19 26	0 15	5 8	12 38	4 43	15 17	1 32	3 8	0 41	12 30	1 5	19 47	1 47	14 54	0 27	3 27	1 10	1 7	16 28	23 17	23 13	11 23	15 3	7 22
S 27	19 12	4s31	5 8	12 42	4 49	14 53	1 32	2 53	0 40	12 32	1 6	19 47	1 47	14 54	0 27	3 26	1 10	1 7	16 28	23 17	23 13	11 26	15 4	7 22
M28	18 59	9 3	4 55	12 49	4 54	14 28	1 32	2 38	0 39	12 35	1 6	19 47	1 46	14 55	0 27	3 25	1 10	1 7	16 28	23 17	23 13	11 28	15 4	7 22
T 29	18 45	13 14	4 30	12 57	4 57	14 3	1 32	2 23	0 38	12 37	1 6	19 47	1 46	14 55	0 27	3 25	1 10	1 7	16 29	23 17	23 13	11 30	15 5	7 22
W30	18 30	16 54	3 53	13 7	4 59	13 38	1 32	2 8	0 38	12 40	1 6	19 47	1 46	14 55	0 27	3 24	1 10	1 8	16 29	23 17	23 13	11 32	15 5	7 22
T 31	18n16	19s54	3s 5	13n18	4s58	13n12	1n32	1n52	0n37	12s42	1s 6	19s47	1n46	14n56	0s27	3n23	1n10	1s 8	16s29	23s17	23s12	11s35	15s 6	7n21

Julian Day Number = 2489711.5, Delta T = 95.30 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°12'01, Lahiri = 25°19'02

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ASTRODIENST EPHEMERIS for the year 2104
geocentric

AUGUST 2104 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 38 55	8♌56'17	29♏15	7°R51	0♍22	27♍19	29°R19	7°R19	11♉46	24♍11	9♉ 9	23♐46	22♐21	18♎47	16°R30	F 1
S 2	20 42 52	9°53'39	11♐36	7♌ 8	1°35	27°56	29♒12	7♐18	11°47	24°13	9° 9	23°48	22°18	18°53	16♑27	S 2
S 3	20 46 48	10°51'03	24°16	6°28	2°48	28°33	29° 5	7°17	11°48	24°14	9°10	23°R48	22°15	19° 0	16°24	S 3
M 4	20 50 45	11°48'26	7♑18	5°50	4° 1	29°10	28°58	7°16	11°49	24°16	9°10	23°47	22°11	19° 7	16°20	M 4
T 5	20 54 42	12°45'51	20°44	5°16	5°15	29°47	28°50	7°16	11°49	24°18	9°10	23°44	22° 8	19°13	16°17	T 5
W 6	20 58 38	13°43'16	4♒33	4°46	6°28	0♎24	28°43	7°15	11°50	24°20	9°10	23°39	22° 5	19°20	16°14	W 6
T 7	21 2 35	14°40'42	18°44	4°20	7°41	1° 1	28°36	7°15	11°50	24°21	9°10	23°33	22° 2	19°27	16°11	T 7
F 8	21 6 31	15°38'09	3♓11	4° 0	8°54	1°38	28°28	7°14	11°51	24°23	9°10	23°25	21°59	19°33	16° 8	F 8
S 9	21 10 28	16°35'37	17°47	3°46	10° 7	2°16	28°21	7°14	11°51	24°25	9°R10	23°17	21°56	19°40	16° 5	S 9
S 10	21 14 24	17°33'07	2♈26	3°38	11°21	2°53	28°13	7°14	11°52	24°27	9°10	23°10	21°52	19°47	16° 2	S 10
M11	21 18 21	18°30'37	17° 1	3°D36	12°34	3°30	28° 6	7°D14	11°52	24°29	9°10	23° 4	21°49	19°54	15°59	M11
T 12	21 22 17	19°28'09	1♉27	3°41	13°47	4° 8	27°58	7°14	11°52	24°31	9°10	23° 1	21°46	20° 0	15°57	T 12
W13	21 26 14	20°25'43	15°39	3°54	15° 0	4°46	27°50	7°14	11°52	24°32	9°10	22°D59	21°43	20° 7	15°54	W13
T 14	21 30 11	21°23'18	29°37	4°13	16°13	5°23	27°43	7°14	11°53	24°34	9°10	22°59	21°40	20°14	15°51	T 14
F 15	21 34 7	22°20'54	13♊20	4°39	17°26	6° 1	27°35	7°15	11°53	24°36	9° 9	23° 0	21°37	20°20	15°48	F 15
S 16	21 38 4	23°18'32	26°50	5°12	18°39	6°39	27°27	7°15	11°53	24°38	9° 9	23°R 0	21°33	20°27	15°46	S 16
S 17	21 42 0	24°16'11	10♋ 6	5°52	19°52	7°17	27°19	7°16	11°R53	24°40	9° 9	22°59	21°30	20°34	15°43	S 17
M18	21 45 57	25°13'52	23°10	6°39	21° 5	7°54	27°11	7°16	11°53	24°42	9° 9	22°55	21°27	20°41	15°41	M18
T 19	21 49 53	26°11'35	6♌ 3	7°33	22°18	8°32	27° 4	7°17	11°53	24°44	9° 9	22°49	21°24	20°47	15°38	T 19
W20	21 53 50	27° 9'18	18°44	8°34	23°32	9°10	26°56	7°18	11°53	24°46	9° 9	22°40	21°21	20°54	15°36	W20
T 21	21 57 46	28° 7'03	1♍15	9°41	24°45	9°49	26°48	7°19	11°52	24°48	9° 8	22°29	21°17	21° 1	15°34	T 21
F 22	22 1 43	29° 4'49	13°34	10°54	25°57	10°27	26°40	7°20	11°52	24°50	9° 8	22°17	21°14	21° 7	15°32	F 22
S 23	22 5 40	0♍ 2'37	25°44	12°12	27°10	11° 5	26°32	7°21	11°52	24°52	9° 8	22° 5	21°11	21°14	15°29	S 23
S 24	22 9 36	1° 0'25	7♎45	13°36	28°23	11°43	26°24	7°22	11°52	24°54	9° 7	21°54	21° 8	21°21	15°27	S 24
M25	22 13 33	1°58'16	19°38	15° 6	29°36	12°22	26°16	7°23	11°51	24°57	9° 7	21°45	21° 5	21°27	15°25	M25
T 26	22 17 29	2°56'07	1♏28	16°40	0♎49	13° 0	26° 9	7°25	11°51	24°59	9° 7	21°38	21° 2	21°34	15°23	T 26
W27	22 21 26	3°53'59	13°18	18°18	2° 2	13°39	26° 1	7°26	11°50	25° 1	9° 6	21°34	20°58	21°41	15°21	W27
T 28	22 25 22	4°51'53	25°13	20° 0	3°15	14°17	25°53	7°28	11°50	25° 3	9° 6	21°32	20°55	21°48	15°20	T 28
F 29	22 29 19	5°49'49	7♐16	21°45	4°28	14°56	25°46	7°29	11°49	25° 5	9° 6	21°D32	20°52	21°54	15°18	F 29
S 30	22 33 15	6°47'45	19°35	23°33	5°41	15°35	25°38	7°31	11°49	25° 7	9° 5	21°R32	20°49	22° 1	15°16	S 30
S 31	22 37 12	7♍45'43	2♑13	25♌24	6♎53	16♎13	25♒30	7♐33	11♉48	25♍ 9	9♉ 5	21♐32	20♐46	22♎ 8	15♑14	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n 1	22s 4	2s 9	13n31	4s56	12n46	1n31	1n37	0n36	12s45	1s 7	19s47	1n45	14n56	0s27	3n23	1n10	1s 8	16s30	23s17	23s12	11s37	15s 6	7n21
S 2	17 46	23 15	1 5	13 46	4 52	12 19	1 31	1 22	0 35	12 47	1 7	19 47	1 45	14 56	0 27	3 22	1 10	1 8	16 30	23 17	23 12	11 39	15 7	7 21
S 3	17 30	23 16	0n 3	14 1	4 46	11 52	1 30	1 6	0 35	12 50	1 7	19 47	1 45	14 56	0 27	3 21	1 10	1 9	16 30	23 17	23 12	11 41	15 8	7 21
M 4	17 14	22 1	1 12	14 17	4 39	11 25	1 30	0 51	0 34	12 53	1 7	19 47	1 45	14 56	0 27	3 21	1 10	1 9	16 31	23 17	23 12	11 43	15 8	7 20
T 5	16 58	19 31	2 20	14 34	4 30	10 58	1 29	0 36	0 33	12 55	1 7	19 47	1 45	14 57	0 27	3 20	1 10	1 9	16 31	23 17	23 12	11 46	15 9	7 20
W 6	16 42	15 51	3 21	14 51	4 20	10 30	1 29	0 20	0 32	12 58	1 7	19 48	1 44	14 57	0 27	3 19	1 10	1 9	16 31	23 16	23 11	11 48	15 9	7 20
T 7	16 25	11 13	4 12	15 9	4 8	10 2	1 28	0 5	0 32	13 1	1 8	19 48	1 44	14 57	0 27	3 19	1 10	1 10	16 32	23 16	23 11	11 50	15 10	7 20
F 8	16 8	5 52	4 47	15 26	3 55	9 34	1 27	0s11	0 31	13 3	1 8	19 48	1 44	14 57	0 27	3 18	1 10	1 10	16 32	23 16	23 11	11 52	15 11	7 19
S 9	15 51	0 9	5 4	15 43	3 41	9 6	1 26	0 26	0 30	13 6	1 8	19 48	1 44	14 57	0 27	3 17	1 10	1 10	16 32	23 15	23 11	11 54	15 11	7 19
S 10	15 34	5n35	5 2	15 59	3 26	8 37	1 25	0 42	0 29	13 9	1 8	19 48	1 43	14 57	0 27	3 16	1 10	1 11	16 32	23 15	23 11	11 56	15 12	7 19
M11	15 16	10 59	4 40	16 15	3 10	8 8	1 24	0 57	0 29	13 12	1 8	19 49	1 43	14 57	0 27	3 16	1 10	1 11	16 33	23 15	23 10	11 59	15 13	7 18
T 12	14 58	15 43	4 0	16 30	2 54	7 39	1 23	1 13	0 28	13 15	1 8	19 49	1 43	14 57	0 27	3 15	1 10	1 11	16 33	23 14	23 10	12 1	15 13	7 18
W13	14 40	19 29	3 6	16 43	2 37	7 10	1 22	1 28	0 27	13 17	1 9	19 49	1 43	14 57	0 27	3 14	1 10	1 12	16 33	23 14	23 10	12 3	15 14	7 18
T 14	14 22	22 2	2 2	16 55	2 21	6 40	1 20	1 44	0 27	13 20	1 9	19 49	1 42	14 57	0 27	3 13	1 10	1 12	16 34	23 14	23 10	12 5	15 15	7 17
F 15	14 3	23 14	0 51	17 5	2 4	6 10	1 19	2 0	0 26	13 23	1 9	19 50	1 42	14 57	0 27	3 12	1 10	1 12	16 34	23 14	23 10	12 7	15 15	7 17
S 16	13 44	23 3	0s20	17 14	1 46	5 41	1 18	2 15	0 25	13 26	1 9	19 50	1 42	14 58	0 27	3 12	1 10	1 13	16 34	23 14	23 9	12 9	15 16	7 17
S 17	13 25	21 33	1 30	17 21	1 30	5 11	1 16	2 31	0 24	13 29	1 9	19 50	1 42	14 57	0 27	3 11	1 10	1 13	16 35	23 14	23 9	12 12	15 16	7 16
M18	13 6	18 55	2 34	17 25	1 13	4 40	1 15	2 46	0 24	13 31	1 9	19 50	1 42	14 57	0 27	3 10	1 10	1 13	16 35	23 14	23 9	12 14	15 17	7 16
T 19	12 47	15 23	3 28	17 28	0 57	4 10	1 13	3 2	0 23	13 34	1 9	19 51	1 41	14 57	0 27	3 9	1 10	1 14	16 35	23 14	23 9	12 16	15 18	7 16
W20	12 27	11 13	4 11	17 27	0 41	3 40	1 11	3 18	0 22	13 37	1 9	19 51	1 41	14 57	0 27	3 8	1 10	1 14	16 36	23 13	23 9	12 18	15 18	7 15
T 21	12 7	6 38	4 42	17 25	0 25	3 9	1 10	3 33	0 22	13 40	1 9	19 52	1 41	14 57	0 27	3 8	1 10	1 14	16 36	23 13	23 8	12 20	15 19	7 15
F 22	11 47	1 51	4 59	17 19	0 10	2 39	1 8	3 49	0 21	13 43	1 10	19 52	1 41	14 57	0 27	3 7	1 10	1 15	16 36	23 12	23 8	12 22	15 20	7 14
S 23	11 27	2s55	5 1	17 11	0n 4	2 8	1 6	4 4	0 20	13 45	1 10	19 52	1 40	14 57	0 27	3 6	1 10	1 15	16 37	23 11	23 8	12 24	15 20	7 14
S 24	11 7	7 31	4 51	17 0	0 17	1 37	1 4	4 20	0 19	13 48	1 10	19 53	1 40	14 57	0 27	3 5	1 10	1 16	16 37	23 11	23 8	12 27	15 21	7 14
M25	10 46	11 48	4 28	16 46	0 29	1 6	1 2	4 36	0 19	13 51	1 10	19 53	1 40	14 57	0 27	3 4	1 10	1 16	16 37	23 10	23 8	12 29	15 22	7 13
T 26	10 25	15 37	3 53	16 29	0 41	0 36	1 0	4 51	0 18	13 54	1 10	19 54	1 40	14 57	0 27	3 4	1 10	1 16	16 37	23 10	23 7	12 31	15 22	7 13
W27	10 4	18 49	3 8	16 9	0 52	0 5	0 58	5 7	0 17	13 56	1 10	19 54	1 40	14 57	0 27	3 3	1 10	1 17	16 38	23 9	23 7	12 33	15 23	7 12
T 28	9 43	21 14	2 15	15 47	1 1	0s26	0 56	5 22	0 17	13 59	1 10	19 55	1 39	14 56	0 27	3 2	1 10	1 17	16 38	23 9	23 7	12 35	15 24	7 12
F 29	9 22	22 45	1 15	15 21	1 10	0 57	0 54	5 38	0 16	14 2	1 10	19 55	1 39	14 56	0 27	3 1	1 10	1 18	16 38	23 9	23 7	12 37	15 24	7 11
S 30	9 1	23 11	0 10	14 53	1 18	1 28	0 51	5 54	0 15	14 4	1 10	19 56	1 39	14 56	0 27	3 0	1 10	1 18	16 39	23 9	23 6	12 39	15 25	7 11
S 31	8n39	22s28	0n56	14n23	1n25	1s59	0n49	6s 9	0n15	14s 7	1s10	19s56	1n39	14n56	0s27	2n59	1n10	1s18	16s39	23s 9	23s 6	12s41	15s25	7n11

Julian Day Number = 2489742.5, Delta T = 95.34 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°12'05, Lahiri = 25°19'06

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ASTRODIENST EPHEMERIS for the year 2104
geocentric

SEPTEMBER 2104 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 41 8	8♍43'42	15♉16	27♌16	8♎ 6	16♎52	25°R23	7♐35	11°R47	25♍11	9°R 4	21°R30	20♐43	22♎14	15°R13	M 1
T 2	22 45 5	9°41'42	28°47	29°10	9°19	17°31	25♒16	7°37	11♉47	25°13	9♉ 4	21♐26	20°39	22°21	15♉11	T 2
W 3	22 49 2	10°39'44	12♒46	1♍ 6	10°32	18°10	25° 8	7°39	11°46	25°16	9° 3	21°19	20°36	22°28	15°10	W 3
T 4	22 52 58	11°37'47	27°11	3° 2	11°44	18°49	25° 1	7°42	11°45	25°18	9° 3	21°10	20°33	22°34	15° 9	T 4
F 5	22 56 55	12°35'52	11♓58	4°58	12°57	19°28	24°54	7°44	11°44	25°20	9° 2	20°59	20°30	22°41	15° 8	F 5
S 6	23 0 51	13°33'59	26°58	6°55	14°10	20° 7	24°47	7°46	11°43	25°22	9° 2	20°48	20°27	22°48	15° 6	S 6
S 7	23 4 48	14°32'07	12♈ 1	8°52	15°22	20°46	24°40	7°49	11°42	25°24	9° 1	20°38	20°23	22°55	15° 5	S 7
M 8	23 8 44	15°30'17	26°58	10°49	16°35	21°26	24°33	7°51	11°41	25°27	9° 0	20°30	20°20	23° 1	15° 4	M 8
T 9	23 12 41	16°28'29	11♉41	12°45	17°47	22° 5	24°26	7°54	11°40	25°29	9° 0	20°24	20°17	23° 8	15° 3	T 9
W10	23 16 37	17°26'43	26° 5	14°40	19° 0	22°44	24°20	7°57	11°39	25°31	8°59	20°21	20°14	23°15	15° 2	W10
T 11	23 20 34	18°24'59	10♊ 7	16°35	20°12	23°24	24°13	8° 0	11°38	25°33	8°59	20°20	20°11	23°21	15° 2	T 11
F 12	23 24 31	19°23'18	23°47	18°29	21°25	24° 3	24° 7	8° 3	11°37	25°35	8°58	20°20	20° 8	23°28	15° 1	F 12
S 13	23 28 27	20°21'38	7♋ 7	20°23	22°37	24°43	24° 0	8° 6	11°35	25°38	8°57	20°20	20° 4	23°35	15° 0	S 13
S 14	23 32 24	21°20'01	20°10	22°15	23°50	25°23	23°54	8° 9	11°34	25°40	8°57	20°18	20° 1	23°41	15° 0	S 14
M15	23 36 20	22°18'25	2♌58	24° 6	25° 2	26° 2	23°48	8°12	11°33	25°42	8°56	20°13	19°58	23°48	14°59	M15
T 16	23 40 17	23°16'52	15°34	25°57	26°14	26°42	23°42	8°15	11°31	25°44	8°55	20° 6	19°55	23°55	14°59	T 16
W17	23 44 13	24°15'21	27°59	27°46	27°27	27°22	23°36	8°19	11°30	25°47	8°54	19°55	19°52	24° 2	14°59	W17
T 18	23 48 10	25°13'51	10♍16	29°34	28°39	28° 2	23°31	8°22	11°29	25°49	8°54	19°43	19°48	24° 8	14°58	T 18
F 19	23 52 6	26°12'24	22°24	1♎21	29°51	28°42	23°25	8°26	11°27	25°51	8°53	19°29	19°45	24°15	14°58	F 19
S 20	23 56 3	27°10'58	4♎25	3° 8	1♏ 4	29°22	23°20	8°29	11°25	25°53	8°52	19°15	19°42	24°22	14°D58	S 20
S 21	0 0 0	28° 9'34	16°20	4°53	2°16	0♏ 2	23°15	8°33	11°24	25°55	8°51	19° 2	19°39	24°28	14°58	S 21
M22	0 3 56	29° 8'13	28°11	6°37	3°28	0°42	23°10	8°37	11°22	25°58	8°50	18°51	19°36	24°35	14°58	M22
T 23	0 7 53	0♎ 6'53	9♏59	8°20	4°40	1°23	23° 5	8°41	11°21	26° 0	8°50	18°42	19°33	24°42	14°58	T 23
W24	0 11 49	1° 5'34	21°48	10° 2	5°52	2° 3	23° 0	8°45	11°19	26° 2	8°49	18°37	19°29	24°48	14°59	W24
T 25	0 15 46	2° 4'18	3♐42	11°43	7° 5	2°43	22°56	8°49	11°17	26° 4	8°48	18°34	19°26	24°55	14°59	T 25
F 26	0 19 42	3° 3'03	15°44	13°23	8°17	3°24	22°51	8°53	11°15	26° 7	8°47	18°D33	19°23	25° 2	14°59	F 26
S 27	0 23 39	4° 1'50	27°59	15° 2	9°29	4° 4	22°47	8°57	11°14	26° 9	8°46	18°R33	19°20	25° 9	15° 0	S 27
S 28	0 27 35	5° 0'39	10♑34	16°40	10°41	4°45	22°43	9° 1	11°12	26°11	8°45	18°33	19°17	25°15	15° 1	S 28
M29	0 31 32	5°59'30	23°32	18°18	11°53	5°25	22°39	9° 6	11°10	26°13	8°44	18°32	19°14	25°22	15° 1	M29
T 30	0 35 29	6♎58'22	6♒58	19♎54	13♏ 5	6♏ 6	22♒36	9♐10	11♉ 8	26♍15	8♉43	18♐29	19♐10	25♎29	15♑ 2	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n18	20s32	2n 2	13n50	1n31	2s30	0n47	6s25	0n14	14s 9	1s10	19s57	1n38	14n56	0s27	2n58	1n10	1s19	16s39	23s 9	23s 6	12s43	15s26	7n10
T 2	7 56	17 24	3 3	13 15	1 36	3 1	0 44	6 40	0 13	14 12	1 10	19 57	1 38	14 55	0 27	2 58	1 10	1 19	16 40	23 9	23 6	12 45	15 27	7 10
W 3	7 34	13 12	3 56	12 38	1 40	3 32	0 42	6 56	0 13	14 14	1 10	19 58	1 38	14 55	0 28	2 57	1 10	1 20	16 40	23 8	23 6	12 48	15 27	7 9
T 4	7 12	8 8	4 35	11 59	1 43	4 2	0 39	7 11	0 12	14 17	1 10	19 58	1 38	14 55	0 28	2 56	1 10	1 20	16 40	23 8	23 5	12 50	15 28	7 9
F 5	6 50	2 30	4 57	11 19	1 45	4 33	0 36	7 27	0 11	14 19	1 10	19 59	1 38	14 55	0 28	2 55	1 10	1 20	16 40	23 7	23 5	12 52	15 28	7 8
S 6	6 27	3n22	4 59	10 37	1 46	5 4	0 34	7 42	0 10	14 22	1 10	20 0	1 37	14 54	0 28	2 54	1 10	1 21	16 41	23 6	23 5	12 54	15 29	7 8
S 7	6 5	9 3	4 40	9 54	1 47	5 34	0 31	7 57	0 10	14 24	1 10	20 0	1 37	14 54	0 28	2 53	1 10	1 21	16 41	23 6	23 5	12 56	15 30	7 7
M 8	5 43	14 9	4 2	9 10	1 47	6 5	0 28	8 13	0 9	14 26	1 10	20 1	1 37	14 54	0 28	2 52	1 10	1 22	16 41	23 5	23 4	12 58	15 30	7 7
T 9	5 20	18 19	3 9	8 25	1 46	6 35	0 26	8 28	0 8	14 28	1 10	20 1	1 37	14 53	0 28	2 52	1 10	1 22	16 41	23 5	23 4	13 0	15 31	7 6
W10	4 57	21 17	2 4	7 39	1 45	7 5	0 23	8 43	0 8	14 31	1 10	20 2	1 36	14 53	0 28	2 51	1 10	1 23	16 42	23 4	23 4	13 2	15 31	7 6
T 11	4 35	22 50	0 54	6 52	1 43	7 35	0 20	8 58	0 7	14 33	1 10	20 3	1 36	14 53	0 28	2 50	1 10	1 23	16 42	23 4	23 4	13 4	15 32	7 5
F 12	4 12	22 59	0s18	6 5	1 41	8 5	0 17	9 14	0 6	14 35	1 10	20 3	1 36	14 52	0 28	2 49	1 10	1 23	16 42	23 4	23 3	13 6	15 33	7 5
S 13	3 49	21 47	1 28	5 18	1 38	8 35	0 14	9 29	0 6	14 37	1 10	20 4	1 36	14 52	0 28	2 48	1 10	1 24	16 42	23 4	23 3	13 8	15 33	7 4
S 14	3 26	19 26	2 31	4 31	1 34	9 4	0 11	9 44	0 5	14 39	1 10	20 5	1 36	14 51	0 28	2 47	1 10	1 24	16 43	23 4	23 3	13 10	15 34	7 4
M15	3 3	16 10	3 25	3 43	1 30	9 34	0 8	9 59	0 4	14 41	1 10	20 6	1 35	14 51	0 28	2 46	1 10	1 25	16 43	23 4	23 3	13 12	15 34	7 3
T 16	2 40	12 13	4 8	2 55	1 26	10 3	0 5	10 14	0 4	14 43	1 10	20 6	1 35	14 51	0 28	2 45	1 10	1 25	16 43	23 3	23 3	13 14	15 35	7 3
W17	2 17	7 48	4 38	2 8	1 21	10 32	0 2	10 29	0 3	14 45	1 10	20 7	1 35	14 50	0 28	2 45	1 10	1 26	16 43	23 3	23 2	13 16	15 35	7 2
T 18	1 54	3 9	4 56	1 20	1 16	11 1	0s 1	10 44	0 2	14 47	1 10	20 8	1 35	14 50	0 28	2 44	1 10	1 26	16 44	23 2	23 2	13 18	15 36	7 2
F 19	1 30	1s34	4 59	0 33	1 11	11 29	0 5	10 59	0 2	14 48	1 10	20 8	1 35	14 49	0 28	2 43	1 10	1 27	16 44	23 1	23 2	13 20	15 37	7 1
S 20	1 7	6 11	4 50	0s15	1 5	11 57	0 8	11 13	0 1	14 50	1 10	20 9	1 34	14 49	0 28	2 42	1 10	1 27	16 44	22 59	23 2	13 22	15 37	7 1
S 21	0 44	10 32	4 27	1 2	1 0	12 25	0 11	11 28	0 1	14 52	1 10	20 10	1 34	14 48	0 28	2 41	1 10	1 27	16 44	22 58	23 1	13 24	15 38	7 0
M22	0 21	14 27	3 53	1 48	0 53	12 53	0 14	11 43	0s 0	14 53	1 10	20 11	1 34	14 48	0 28	2 40	1 10	1 28	16 44	22 57	23 1	13 26	15 38	6 59
T 23	0s 3	17 47	3 9	2 35	0 47	13 21	0 17	11 57	0 1	14 55	1 10	20 12	1 34	14 47	0 28	2 39	1 10	1 28	16 45	22 57	23 1	13 29	15 39	6 59
W24	0 26	20 24	2 17	3 21	0 41	13 48	0 21	12 12	0 1	14 56	1 10	20 12	1 34	14 47	0 28	2 38	1 10	1 29	16 45	22 56	23 1	13 31	15 39	6 58
T 25	0 49	22 9	1 18	4 6	0 34	14 15	0 24	12 27	0 2	14 58	1 10	20 13	1 33	14 46	0 28	2 38	1 10	1 29	16 45	22 56	23 0	13 33	15 40	6 58
F 26	1 13	22 55	0 15	4 51	0 28	14 41	0 27	12 41	0 3	14 59	1 10	20 14	1 33	14 46	0 28	2 37	1 10	1 30	16 45	22 56	23 0	13 35	15 40	6 57
S 27	1 36	22 35	0n50	5 36	0 21	15 7	0 31	12 55	0 3	15 1	1 10	20 15	1 33	14 45	0 28	2 36	1 10	1 30	16 45	22 56	23 0	13 37	15 41	6 57
S 28	1 59	21 7	1 54	6 20	0 14	15 33	0 34	13 10	0 4	15 2	1 10	20 16	1 33	14 44	0 28	2 35	1 10	1 30	16 46	22 56	23 0	13 39	15 41	6 56
M29	2 23	18 31	2 54	7 4	0 7	15 59	0 37	13 24	0 5	15 3	1 9	20 17	1 33	14 44	0 28	2 34	1 10	1 31	16 46	22 56	22 59	13 40	15 42	6 56
T 30	2s46	14s51	3n47	7s47	0s 0	16s24	0s41	13s38	0s 5	15s 4	1s 9	20s17	1n32	14n43	0s28	2n33	1n10	1s31	16s46	22s56	22s59	13s42	15s42	6n55

Julian Day Number = 2489773.5, Delta T = 95.38 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°12'10, Lahiri = 25°19'10

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ASTRODIENST EPHEMERIS for the year 2104
geocentric

OCTOBER 2104 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 39 25	7♎57'16	20♒54	21♎30	14♏16	6♏47	22°R32	9♐15	11°R 6	26♍18	8°R42	18°R23	19♐ 7	25♎35	15♉ 3	W 1
T 2	0 43 22	8°56'11	5♓20	23° 4	15°28	7°28	22♒29	9°19	11♉ 4	26°20	8♉41	18♐15	19° 4	25°42	15° 4	T 2
F 3	0 47 18	9°55'09	20°12	24°38	16°40	8° 8	22°26	9°24	11° 2	26°22	8°41	18° 5	19° 1	25°49	15° 5	F 3
S 4	0 51 15	10°54'08	5♈21	26°11	17°52	8°49	22°23	9°29	11° 0	26°24	8°40	17°55	18°58	25°55	15° 6	S 4
S 5	0 55 11	11°53'09	20°39	27°43	19° 4	9°30	22°20	9°33	10°58	26°26	8°39	17°46	18°54	26° 2	15° 7	S 5
M 6	0 59 8	12°52'13	5♉53	29°14	20°15	10°11	22°18	9°38	10°56	26°28	8°38	17°38	18°51	26° 9	15° 8	M 6
T 7	1 3 4	13°51'18	20°54	0♏45	21°27	10°52	22°16	9°43	10°54	26°31	8°37	17°33	18°48	26°15	15° 9	T 7
W 8	1 7 1	14°50'26	5♊34	2°14	22°38	11°34	22°14	9°48	10°52	26°33	8°36	17°30	18°45	26°22	15°11	W 8
T 9	1 10 57	15°49'37	19°48	3°43	23°50	12°15	22°12	9°53	10°50	26°35	8°35	17°D30	18°42	26°29	15°12	T 9
F 10	1 14 54	16°48'49	3♋35	5°11	25° 1	12°56	22°10	9°58	10°48	26°37	8°33	17°31	18°39	26°36	15°14	F 10
S 11	1 18 51	17°48'04	16°58	6°38	26°13	13°38	22° 8	10° 3	10°45	26°39	8°32	17°R31	18°35	26°42	15°15	S 11
S 12	1 22 47	18°47'21	29°58	8° 4	27°24	14°19	22° 7	10° 9	10°43	26°41	8°31	17°30	18°32	26°49	15°17	S 12
M13	1 26 44	19°46'41	12♌39	9°29	28°36	15° 1	22° 6	10°14	10°41	26°43	8°30	17°28	18°29	26°56	15°19	M13
T 14	1 30 40	20°46'02	25° 6	10°54	29°47	15°42	22° 5	10°19	10°39	26°45	8°29	17°23	18°26	27° 2	15°21	T 14
W15	1 34 37	21°45'26	7♍20	12°17	0♐58	16°24	22° 4	10°25	10°36	26°47	8°28	17°15	18°23	27° 9	15°23	W15
T 16	1 38 33	22°44'52	19°26	13°40	2° 9	17° 5	22° 4	10°30	10°34	26°49	8°27	17° 6	18°20	27°16	15°25	T 16
F 17	1 42 30	23°44'21	1♎24	15° 1	3°21	17°47	22° 3	10°36	10°32	26°52	8°26	16°56	18°16	27°22	15°27	F 17
S 18	1 46 26	24°43'51	13°19	16°22	4°32	18°29	22°D 3	10°41	10°29	26°54	8°25	16°45	18°13	27°29	15°29	S 18
S 19	1 50 23	25°43'24	25°10	17°41	5°43	19°11	22° 3	10°47	10°27	26°56	8°24	16°35	18°10	27°36	15°31	S 19
M20	1 54 20	26°42'58	7♏ 0	18°59	6°54	19°53	22° 4	10°53	10°25	26°58	8°23	16°27	18° 7	27°42	15°33	M20
T 21	1 58 16	27°42'35	18°49	20°16	8° 5	20°35	22° 4	10°58	10°22	27° 0	8°22	16°21	18° 4	27°49	15°36	T 21
W22	2 2 13	28°42'13	0♐42	21°32	9°16	21°17	22° 5	11° 4	10°20	27° 2	8°21	16°18	18° 0	27°56	15°38	W22
T 23	2 6 9	29°41'54	12°39	22°46	10°27	21°59	22° 6	11°10	10°17	27° 3	8°19	16°D16	17°57	28° 3	15°41	T 23
F 24	2 10 6	0♏41'36	24°44	23°59	11°37	22°41	22° 7	11°16	10°15	27° 5	8°18	16°16	17°54	28° 9	15°43	F 24
S 25	2 14 2	1°41'20	7♑ 2	25° 9	12°48	23°24	22° 8	11°22	10°13	27° 7	8°17	16°18	17°51	28°16	15°46	S 25
S 26	2 17 59	2°41'06	19°35	26°18	13°59	24° 6	22° 9	11°28	10°10	27° 9	8°16	16°19	17°48	28°23	15°49	S 26
M27	2 21 55	3°40'53	2♒30	27°25	15° 9	24°48	22°11	11°34	10° 8	27°11	8°15	16°R20	17°45	28°29	15°51	M27
T 28	2 25 52	4°40'42	15°49	28°30	16°20	25°31	22°13	11°40	10° 5	27°13	8°14	16°19	17°41	28°36	15°54	T 28
W29	2 29 49	5°40'33	29°35	29°32	17°30	26°13	22°15	11°46	10° 3	27°15	8°13	16°17	17°38	28°43	15°57	W29
T 30	2 33 45	6°40'25	13♓49	0♐31	18°41	26°56	22°17	11°53	10° 0	27°17	8°12	16°13	17°35	28°49	16° 0	T 30
F 31	2 37 42	7♏40'19	28♓30	1♐28	19♐51	27♏38	22♒20	11♐59	9♉58	27♍18	8♉10	16♐ 8	17♐32	28♎56	16♑ 3	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s 9	10s16	4n29	8s29	0s 7	16s49	0s44	13s52	0s 6	15s 5	1s 9	20s18	1n32	14n43	0s28	2n32	1n10	1s32	16s46	22s55	22s59	13s44	15s42	6n55
T 2	3 32	4 58	4 55	9 11	0 15	17 13	0 47	14 6	0 7	15 6	1 9	20 19	1 32	14 42	0 28	2 32	1 10	1 32	16 46	22 54	22 59	13 46	15 43	6 54
F 3	3 56	0n45	5 2	9 52	0 22	17 37	0 51	14 20	0 7	15 7	1 9	20 20	1 32	14 41	0 28	2 31	1 10	1 33	16 46	22 53	22 58	13 48	15 43	6 54
S 4	4 19	6 33	4 49	10 33	0 29	18 1	0 54	14 33	0 8	15 8	1 9	20 21	1 32	14 41	0 28	2 30	1 10	1 33	16 47	22 53	22 58	13 50	15 44	6 53
S 5	4 42	11 59	4 15	11 13	0 36	18 24	0 57	14 47	0 8	15 9	1 9	20 22	1 32	14 40	0 28	2 29	1 10	1 34	16 47	22 52	22 58	13 52	15 44	6 53
M 6	5 5	16 40	3 23	11 52	0 43	18 46	1 1	15 1	0 9	15 9	1 9	20 23	1 31	14 39	0 28	2 28	1 10	1 34	16 47	22 51	22 57	13 54	15 45	6 52
T 7	5 28	20 10	2 17	12 31	0 51	19 9	1 4	15 14	0 10	15 10	1 9	20 24	1 31	14 39	0 28	2 27	1 10	1 34	16 47	22 51	22 57	13 56	15 45	6 51
W 8	5 51	22 15	1 3	13 9	0 58	19 30	1 7	15 27	0 10	15 11	1 9	20 24	1 31	14 38	0 28	2 26	1 10	1 35	16 47	22 50	22 57	13 58	15 45	6 51
T 9	6 13	22 50	0s12	13 46	1 5	19 52	1 11	15 41	0 11	15 11	1 8	20 25	1 31	14 37	0 28	2 26	1 10	1 35	16 47	22 50	22 57	14 0	15 46	6 50
F 10	6 36	21 58	1 25	14 22	1 12	20 12	1 14	15 54	0 12	15 12	1 8	20 26	1 31	14 37	0 28	2 25	1 10	1 36	16 47	22 50	22 56	14 2	15 46	6 50
S 11	6 59	19 51	2 31	14 58	1 19	20 33	1 17	16 7	0 12	15 12	1 8	20 27	1 30	14 36	0 28	2 24	1 10	1 36	16 47	22 50	22 56	14 4	15 46	6 49
S 12	7 21	16 47	3 27	15 32	1 26	20 52	1 20	16 20	0 13	15 12	1 8	20 28	1 30	14 35	0 28	2 23	1 10	1 36	16 48	22 50	22 56	14 6	15 47	6 49
M13	7 44	12 59	4 11	16 6	1 32	21 12	1 24	16 33	0 13	15 12	1 8	20 29	1 30	14 35	0 28	2 22	1 10	1 37	16 48	22 50	22 56	14 8	15 47	6 48
T 14	8 6	8 42	4 43	16 39	1 39	21 30	1 27	16 45	0 14	15 13	1 8	20 30	1 30	14 34	0 28	2 22	1 10	1 37	16 48	22 50	22 55	14 10	15 47	6 48
W15	8 28	4 9	5 1	17 11	1 45	21 48	1 30	16 58	0 15	15 13	1 8	20 31	1 30	14 33	0 28	2 21	1 10	1 38	16 48	22 49	22 55	14 12	15 48	6 47
T 16	8 51	0s30	5 5	17 42	1 52	22 6	1 33	17 10	0 15	15 13	1 8	20 32	1 30	14 33	0 28	2 20	1 10	1 38	16 48	22 48	22 55	14 14	15 48	6 47
F 17	9 13	5 5	4 56	18 13	1 58	22 23	1 36	17 23	0 16	15 13	1 8	20 33	1 29	14 32	0 28	2 19	1 10	1 38	16 48	22 47	22 54	14 16	15 48	6 46
S 18	9 34	9 27	4 34	18 42	2 4	22 39	1 39	17 35	0 16	15 13	1 7	20 34	1 29	14 31	0 28	2 18	1 10	1 39	16 48	22 46	22 54	14 17	15 49	6 46
S 19	9 56	13 27	4 0	19 10	2 10	22 55	1 42	17 47	0 17	15 13	1 7	20 35	1 29	14 30	0 28	2 18	1 10	1 39	16 48	22 45	22 54	14 19	15 49	6 45
M20	10 18	16 55	3 15	19 38	2 15	23 11	1 45	17 59	0 18	15 12	1 7	20 36	1 29	14 30	0 28	2 17	1 10	1 40	16 48	22 44	22 54	14 21	15 49	6 45
T 21	10 39	19 42	2 23	20 4	2 21	23 25	1 48	18 11	0 18	15 12	1 7	20 37	1 29	14 29	0 28	2 16	1 10	1 40	16 48	22 44	22 53	14 23	15 49	6 44
W22	11 0	21 38	1 23	20 29	2 26	23 39	1 51	18 22	0 19	15 12	1 7	20 37	1 29	14 28	0 28	2 15	1 10	1 40	16 48	22 43	22 53	14 25	15 49	6 44
T 23	11 22	22 37	0 20	20 53	2 31	23 53	1 54	18 34	0 19	15 11	1 7	20 38	1 29	14 27	0 28	2 15	1 10	1 41	16 48	22 43	22 53	14 27	15 50	6 43
F 24	11 42	22 34	0n46	21 16	2 35	24 6	1 57	18 45	0 20	15 11	1 7	20 39	1 28	14 27	0 28	2 14	1 10	1 41	16 48	22 43	22 52	14 29	15 50	6 43
S 25	12 3	21 24	1 50	21 37	2 39	24 18	1 59	18 57	0 21	15 10	1 7	20 40	1 28	14 26	0 28	2 13	1 10	1 41	16 48	22 43	22 52	14 31	15 50	6 42
S 26	12 24	19 11	2 51	21 57	2 43	24 29	2 2	19 8	0 21	15 10	1 6	20 41	1 28	14 25	0 28	2 12	1 10	1 42	16 48	22 43	22 52	14 33	15 50	6 42
M27	12 44	15 57	3 45	22 16	2 46	24 40	2 5	19 19	0 22	15 9	1 6	20 42	1 28	14 24	0 28	2 12	1 10	1 42	16 48	22 43	22 52	14 34	15 50	6 41
T 28	13 4	11 49	4 28	22 34	2 49	24 50	2 7	19 29	0 22	15 8	1 6	20 43	1 28	14 24	0 28	2 11	1 10	1 43	16 48	22 43	22 51	14 36	15 51	6 41
W29	13 24	6 58	4 58	22 50	2 52	25 0	2 10	19 40	0 23	15 8	1 6	20 44	1 28	14 23	0 28	2 10	1 10	1 43	16 48	22 43	22 51	14 38	15 51	6 40
T 30	13 44	1 35	5 10	23 5	2 54	25 8	2 12	19 51	0 24	15 7	1 6	20 45	1 28	14 22	0 28	2 10	1 10	1 43	16 48	22 43	22 51	14 40	15 51	6 40
F 31	14s 4	4n 3	5n 3	23s18	2s55	25s17	2s15	20s 1	0s24	15s 6	1s 6	20s46	1n27	14n21	0s28	2n 9	1n10	1s44	16s48	22s42	22s50	14s42	15s51	6n39

Julian Day Number = 2489803.5, Delta T = 95.42 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°12'14, Lahiri = 25°19'14

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ASTRODIENST EPHEMERIS for the year 2104
geocentric

NOVEMBER 2104 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 38	8♏40'14	13♈31	2♐21	21♐ 1	28♏21	22♒23	12♐ 5	9°R55	27♍20	8°R 9	16°R 2	17♐29	29♎ 3	16♑ 6	S 1
S 2	2 45 35	9°40'12	28°45	3° 9	22°11	29° 4	22°25	12°11	9♉53	27°22	8♉ 8	15♐56	17°25	29° 9	16°10	S 2
M 3	2 49 31	10°40'11	14♉ 1	3°54	23°21	29°47	22°28	12°18	9°50	27°24	8° 7	15°52	17°22	29°16	16°13	M 3
T 4	2 53 28	11°40'12	29° 9	4°34	24°31	0♐29	22°32	12°24	9°48	27°25	8° 6	15°49	17°19	29°23	16°16	T 4
W 5	2 57 24	12°40'15	14♊ 0	5° 9	25°41	1°12	22°35	12°31	9°45	27°27	8° 5	15°D48	17°16	29°30	16°20	W 5
T 6	3 1 21	13°40'21	28°27	5°38	26°51	1°55	22°39	12°37	9°43	27°29	8° 4	15°49	17°13	29°36	16°23	T 6
F 7	3 5 18	14°40'28	12♋26	6° 0	28° 1	2°38	22°43	12°44	9°41	27°30	8° 3	15°50	17°10	29°43	16°27	F 7
S 8	3 9 14	15°40'37	25°58	6°15	29°10	3°21	22°47	12°50	9°38	27°32	8° 1	15°52	17° 6	29°50	16°30	S 8
S 9	3 13 11	16°40'49	9♌ 4	6°R23	0♑20	4° 5	22°51	12°57	9°36	27°34	8° 0	15°53	17° 3	29°56	16°34	S 9
M10	3 17 7	17°41'02	21°48	6°22	1°29	4°48	22°55	13° 4	9°33	27°35	7°59	15°R53	17° 0	0♏ 3	16°38	M10
T 11	3 21 4	18°41'17	4♍13	6°12	2°38	5°31	23° 0	13°10	9°31	27°37	7°58	15°52	16°57	0°10	16°41	T 11
W12	3 25 0	19°41'35	16°23	5°52	3°48	6°14	23° 4	13°17	9°28	27°38	7°57	15°50	16°54	0°16	16°45	W12
T 13	3 28 57	20°41'54	28°24	5°22	4°57	6°58	23° 9	13°24	9°26	27°40	7°56	15°46	16°51	0°23	16°49	T 13
F 14	3 32 53	21°42'15	10♎17	4°43	6° 6	7°41	23°14	13°30	9°24	27°41	7°55	15°42	16°47	0°30	16°53	F 14
S 15	3 36 50	22°42'38	22° 8	3°53	7°15	8°25	23°20	13°37	9°21	27°43	7°54	15°38	16°44	0°36	16°57	S 15
S 16	3 40 47	23°43'03	3♏57	2°54	8°23	9° 8	23°25	13°44	9°19	27°44	7°53	15°34	16°41	0°43	17° 1	S 16
M17	3 44 43	24°43'30	15°48	1°47	9°32	9°52	23°31	13°51	9°16	27°46	7°52	15°31	16°38	0°50	17° 5	M17
T 18	3 48 40	25°43'58	27°43	0°33	10°40	10°36	23°37	13°58	9°14	27°47	7°50	15°29	16°35	0°56	17° 9	T 18
W19	3 52 36	26°44'28	9♐44	29♏14	11°49	11°20	23°43	14° 4	9°12	27°48	7°49	15°D28	16°31	1° 3	17°14	W19
T 20	3 56 33	27°44'59	21°51	27°53	12°57	12° 3	23°49	14°11	9° 9	27°50	7°48	15°28	16°28	1°10	17°18	T 20
F 21	4 0 29	28°45'32	4♑ 8	26°32	14° 5	12°47	23°55	14°18	9° 7	27°51	7°47	15°29	16°25	1°17	17°22	F 21
S 22	4 4 26	29°46'07	16°36	25°15	15°13	13°31	24° 2	14°25	9° 5	27°52	7°46	15°30	16°22	1°23	17°27	S 22
S 23	4 8 22	0♐46'42	29°18	24° 3	16°21	14°15	24° 8	14°32	9° 3	27°54	7°45	15°31	16°19	1°30	17°31	S 23
M24	4 12 19	1°47'19	12♒16	22°58	17°28	14°59	24°15	14°39	9° 0	27°55	7°44	15°33	16°16	1°37	17°36	M24
T 25	4 16 16	2°47'57	25°33	22° 3	18°36	15°43	24°22	14°46	8°58	27°56	7°43	15°33	16°12	1°43	17°40	T 25
W26	4 20 12	3°48'36	9♓12	21°19	19°43	16°28	24°29	14°53	8°56	27°57	7°42	15°R33	16° 9	1°50	17°45	W26
T 27	4 24 9	4°49'16	23°12	20°47	20°50	17°12	24°36	15° 0	8°54	27°58	7°41	15°33	16° 6	1°57	17°49	T 27
F 28	4 28 5	5°49'57	7♈34	20°25	21°57	17°56	24°44	15° 7	8°52	27°59	7°40	15°32	16° 3	2° 3	17°54	F 28
S 29	4 32 2	6°50'39	22°14	20°D16	23° 4	18°40	24°51	15°14	8°50	28° 0	7°39	15°31	16° 0	2°10	17°59	S 29
S 30	4 35 58	7♐51'22	7♉ 7	20♏17	24♑10	19♐25	24♒59	15♐21	8♉48	28♍ 1	7♉38	15♐30	15♐57	2♏17	18♑ 3	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s23	9n34	4n36	23s29	2s56	25s24	2s17	20s11	0s25	15s 5	1s 6	20s47	1n27	14n21	0s28	2n 8	1n11	1s44	16s48	22s42	22s50	14s44	15s51	6n39
S 2	14 42	14 35	3 49	23 39	2 56	25 31	2 19	20 21	0 25	15 4	1 5	20 48	1 27	14 20	0 28	2 8	1 11	1 44	16 48	22 41	22 50	14 46	15 51	6 38
M 3	15 1	18 40	2 45	23 47	2 55	25 37	2 21	20 31	0 26	15 3	1 5	20 49	1 27	14 19	0 28	2 7	1 11	1 45	16 48	22 41	22 50	14 47	15 51	6 38
T 4	15 20	21 25	1 30	23 52	2 53	25 42	2 24	20 40	0 26	15 1	1 5	20 50	1 27	14 18	0 28	2 6	1 11	1 45	16 48	22 40	22 49	14 49	15 51	6 38
W 5	15 38	22 38	0 10	23 56	2 50	25 47	2 26	20 50	0 27	15 0	1 5	20 51	1 27	14 17	0 28	2 6	1 11	1 45	16 48	22 40	22 49	14 51	15 51	6 37
T 6	15 56	22 16	1s 9	23 58	2 47	25 51	2 28	20 59	0 28	14 59	1 5	20 52	1 27	14 17	0 28	2 5	1 11	1 45	16 48	22 40	22 49	14 53	15 51	6 37
F 7	16 14	20 31	2 21	23 57	2 42	25 54	2 29	21 8	0 28	14 57	1 5	20 53	1 27	14 16	0 28	2 4	1 11	1 46	16 48	22 40	22 48	14 55	15 51	6 36
S 8	16 31	17 37	3 22	23 54	2 36	25 57	2 31	21 17	0 29	14 56	1 5	20 54	1 26	14 15	0 28	2 4	1 11	1 46	16 48	22 41	22 48	14 57	15 51	6 36
S 9	16 49	13 56	4 12	23 48	2 28	25 58	2 33	21 26	0 29	14 54	1 4	20 55	1 26	14 14	0 28	2 3	1 11	1 46	16 48	22 41	22 48	14 58	15 51	6 35
M10	17 6	9 42	4 47	23 39	2 20	25 59	2 34	21 34	0 30	14 53	1 4	20 56	1 26	14 14	0 28	2 3	1 11	1 46	16 48	22 41	22 47	15 0	15 51	6 35
T 11	17 22	5 11	5 7	23 27	2 9	26 0	2 36	21 43	0 30	14 51	1 4	20 56	1 26	14 13	0 28	2 2	1 11	1 47	16 48	22 41	22 47	15 2	15 51	6 35
W12	17 39	0 33	5 14	23 12	1 57	26 0	2 37	21 51	0 31	14 50	1 4	20 57	1 26	14 12	0 28	2 1	1 11	1 47	16 48	22 40	22 47	15 4	15 51	6 34
T 13	17 55	4s 3	5 6	22 53	1 44	25 59	2 39	21 59	0 31	14 48	1 4	20 58	1 26	14 11	0 28	2 1	1 11	1 47	16 48	22 40	22 46	15 6	15 51	6 34
F 14	18 11	8 27	4 46	22 31	1 29	25 57	2 40	22 6	0 32	14 46	1 4	20 59	1 26	14 11	0 28	2 0	1 11	1 47	16 48	22 40	22 46	15 7	15 51	6 33
S 15	18 26	12 31	4 13	22 5	1 12	25 54	2 41	22 14	0 33	14 44	1 4	21 0	1 26	14 10	0 28	2 0	1 11	1 48	16 48	22 39	22 46	15 9	15 51	6 33
S 16	18 41	16 6	3 29	21 36	0 54	25 51	2 42	22 21	0 33	14 42	1 4	21 1	1 26	14 9	0 28	1 59	1 11	1 48	16 47	22 39	22 46	15 11	15 51	6 33
M17	18 56	19 3	2 36	21 4	0 35	25 47	2 43	22 28	0 34	14 40	1 3	21 2	1 26	14 8	0 28	1 59	1 11	1 48	16 47	22 38	22 45	15 13	15 51	6 32
T 18	19 11	21 12	1 36	20 29	0 14	25 43	2 44	22 35	0 34	14 38	1 3	21 3	1 25	14 8	0 28	1 58	1 11	1 48	16 47	22 38	22 45	15 15	15 51	6 32
W19	19 25	22 25	0 32	19 53	0n 6	25 38	2 44	22 42	0 35	14 36	1 3	21 4	1 25	14 7	0 28	1 58	1 11	1 49	16 47	22 38	22 45	15 16	15 50	6 32
T 20	19 39	22 35	0n35	19 15	0 27	25 32	2 45	22 48	0 35	14 34	1 3	21 5	1 25	14 6	0 28	1 57	1 11	1 49	16 47	22 38	22 44	15 18	15 50	6 31
F 21	19 52	21 40	1 41	18 37	0 47	25 25	2 45	22 54	0 36	14 32	1 3	21 6	1 25	14 5	0 28	1 57	1 11	1 49	16 47	22 38	22 44	15 20	15 50	6 31
S 22	20 5	19 41	2 44	18 0	1 6	25 18	2 46	23 1	0 36	14 30	1 3	21 6	1 25	14 5	0 28	1 56	1 11	1 49	16 47	22 38	22 44	15 22	15 50	6 30
S 23	20 18	16 42	3 40	17 25	1 23	25 10	2 46	23 6	0 37	14 27	1 3	21 7	1 25	14 4	0 27	1 56	1 11	1 49	16 47	22 38	22 43	15 23	15 50	6 30
M24	20 30	12 52	4 25	16 54	1 39	25 2	2 46	23 12	0 37	14 25	1 3	21 8	1 25	14 3	0 27	1 55	1 11	1 49	16 46	22 38	22 43	15 25	15 49	6 30
T 25	20 42	8 19	4 58	16 27	1 53	24 52	2 46	23 17	0 38	14 22	1 2	21 9	1 25	14 3	0 27	1 55	1 11	1 50	16 46	22 39	22 43	15 27	15 49	6 29
W26	20 54	3 15	5 15	16 4	2 5	24 42	2 46	23 22	0 38	14 20	1 2	21 10	1 25	14 2	0 27	1 54	1 12	1 50	16 46	22 39	22 42	15 29	15 49	6 29
T 27	21 5	2n 7	5 14	15 46	2 15	24 32	2 45	23 27	0 39	14 17	1 2	21 11	1 25	14 1	0 27	1 54	1 12	1 50	16 46	22 38	22 42	15 30	15 49	6 29
F 28	21 16	7 30	4 54	15 33	2 23	24 21	2 45	23 32	0 39	14 15	1 2	21 12	1 25	14 1	0 27	1 54	1 12	1 50	16 46	22 38	22 42	15 32	15 48	6 29
S 29	21 26	12 35	4 15	15 25	2 29	24 9	2 44	23 36	0 40	14 12	1 2	21 12	1 24	14 0	0 27	1 53	1 12	1 50	16 45	22 38	22 41	15 34	15 48	6 28
S 30	21s36	16n59	3n17	15s21	2n33	23s57	2s44	23s40	0s40	14s 9	1s 2	21s13	1n24	13n59	0s27	1n53	1n12	1s50	16s45	22s38	22s41	15s36	15s48	6n28

Julian Day Number = 2489834.5, Delta T = 95.46 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°12'18, Lahiri = 25°19'18

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ASTRODIENST EPHEMERIS for the year 2104
geocentric

DECEMBER 2104 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 39 55	8♐52'06	22♉ 7	20♏29	25♑16	20♐ 9	25♒ 7	15♐28	8°R45	28♍ 2	7°R37	15°R29	15♐53	2♏23	18♑ 8	M 1
T 2	4 43 51	9°52'52	7♊ 5	20°50	26°22	20°54	25°15	15°35	8♉43	28° 3	7♉36	15♐29	15°50	2°30	18°13	T 2
W 3	4 47 48	10°53'39	21°51	21°20	27°28	21°38	25°23	15°43	8°41	28° 4	7°35	15°D29	15°47	2°37	18°18	W 3
T 4	4 51 45	11°54'27	6♋20	21°58	28°34	22°23	25°32	15°50	8°39	28° 5	7°35	15°29	15°44	2°43	18°23	T 4
F 5	4 55 41	12°55'16	20°27	22°43	29°39	23° 7	25°40	15°57	8°38	28° 6	7°34	15°29	15°41	2°50	18°28	F 5
S 6	4 59 38	13°56'07	4♌ 7	23°33	0♒44	23°52	25°49	16° 4	8°36	28° 7	7°33	15°29	15°37	2°57	18°33	S 6
S 7	5 3 34	14°56'58	17°21	24°29	1°49	24°37	25°57	16°11	8°34	28° 8	7°32	15°30	15°34	3° 3	18°38	S 7
M 8	5 7 31	15°57'51	0♍12	25°30	2°54	25°22	26° 6	16°18	8°32	28° 9	7°31	15°R30	15°31	3°10	18°43	M 8
T 9	5 11 27	16°58'46	12°41	26°35	3°58	26° 7	26°15	16°25	8°30	28° 9	7°30	15°D30	15°28	3°17	18°48	T 9
W10	5 15 24	17°59'42	24°53	27°43	5° 2	26°51	26°25	16°32	8°28	28°10	7°29	15°30	15°25	3°23	18°53	W10
T 11	5 19 20	19° 0'38	6♎53	28°55	6° 6	27°36	26°34	16°39	8°27	28°11	7°29	15°30	15°22	3°30	18°58	T 11
F 12	5 23 17	20° 1'36	18°45	0♐ 9	7°10	28°21	26°43	16°46	8°25	28°11	7°28	15°30	15°18	3°37	19° 3	F 12
S 13	5 27 14	21° 2'36	0♏35	1°25	8°13	29° 6	26°53	16°54	8°23	28°12	7°27	15°31	15°15	3°44	19° 9	S 13
S 14	5 31 10	22° 3'36	12°24	2°44	9°16	29°52	27° 2	17° 1	8°22	28°13	7°26	15°31	15°12	3°50	19°14	S 14
M15	5 35 7	23° 4'37	24°19	4° 4	10°18	0♑37	27°12	17° 8	8°20	28°13	7°25	15°32	15° 9	3°57	19°19	M15
T 16	5 39 3	24° 5'40	6♐20	5°25	11°20	1°22	27°22	17°15	8°19	28°14	7°25	15°33	15° 6	4° 4	19°24	T 16
W17	5 43 0	25° 6'43	18°31	6°48	12°22	2° 7	27°32	17°22	8°17	28°14	7°24	15°R33	15° 3	4°10	19°30	W17
T 18	5 46 56	26° 7'47	0♑54	8°12	13°24	2°53	27°42	17°29	8°16	28°15	7°23	15°32	14°59	4°17	19°35	T 18
F 19	5 50 53	27° 8'51	13°28	9°37	14°25	3°38	27°53	17°36	8°14	28°15	7°23	15°31	14°56	4°24	19°41	F 19
S 20	5 54 50	28° 9'56	26°16	11° 3	15°25	4°23	28° 3	17°43	8°13	28°15	7°22	15°30	14°53	4°30	19°46	S 20
S 21	5 58 46	29°11'02	9♒17	12°30	16°26	5° 9	28°14	17°50	8°12	28°16	7°21	15°28	14°50	4°37	19°51	S 21
M22	6 2 43	0♑12'08	22°32	13°57	17°26	5°54	28°24	17°57	8°11	28°16	7°21	15°26	14°47	4°44	19°57	M22
T 23	6 6 39	1°13'14	6♓ 0	15°25	18°25	6°40	28°35	18° 4	8° 9	28°16	7°20	15°24	14°43	4°50	20° 2	T 23
W24	6 10 36	2°14'20	19°41	16°54	19°24	7°26	28°46	18°11	8° 8	28°16	7°19	15°23	14°40	4°57	20° 8	W24
T 25	6 14 32	3°15'27	3♈36	18°23	20°22	8°11	28°57	18°18	8° 7	28°17	7°19	15°D22	14°37	5° 4	20°13	T 25
F 26	6 18 29	4°16'34	17°43	19°52	21°20	8°57	29° 8	18°25	8° 6	28°17	7°18	15°23	14°34	5°10	20°19	F 26
S 27	6 22 25	5°17'40	2♉ 1	21°22	22°18	9°43	29°19	18°32	8° 5	28°17	7°18	15°24	14°31	5°17	20°24	S 27
S 28	6 26 22	6°18'47	16°28	22°52	23°15	10°28	29°30	18°39	8° 4	28°17	7°17	15°25	14°28	5°24	20°30	S 28
M29	6 30 19	7°19'54	1♊ 0	24°23	24°11	11°14	29°42	18°46	8° 3	28°17	7°17	15°27	14°24	5°30	20°35	M29
T 30	6 34 15	8°21'01	15°32	25°54	25° 7	12° 0	29°53	18°53	8° 2	28°R17	7°16	15°R27	14°21	5°37	20°41	T 30
W31	6 38 12	9♑22'09	29♊58	27♐25	26♒ 2	12♑46	0♓ 5	18♐59	8♉ 1	28♍17	7♉16	15♐26	14♐18	5♏44	20♑47	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s46	20n19	2n 6	15s22	2n35	23s44	2s43	23s44	0s41	14s 7	1s 2	21s14	1n24	13n59	0s27	1n53	1n12	1s50	16s45	22s38	22s41	15s37	15s48	6n28
T 2	21 55	22 15	0 47	15 27	2 36	23 31	2 42	23 48	0 41	14 4	1 2	21 15	1 24	13 58	0 27	1 52	1 12	1 50	16 45	22 38	22 40	15 39	15 47	6 27
W 3	22 4	22 35	0s35	15 35	2 35	23 17	2 41	23 51	0 42	14 1	1 1	21 16	1 24	13 58	0 27	1 52	1 12	1 50	16 45	22 38	22 40	15 41	15 47	6 27
T 4	22 12	21 23	1 53	15 47	2 33	23 2	2 39	23 55	0 42	13 58	1 1	21 17	1 24	13 57	0 27	1 52	1 12	1 51	16 44	22 38	22 40	15 43	15 46	6 27
F 5	22 20	18 52	3 2	16 1	2 30	22 47	2 38	23 57	0 43	13 55	1 1	21 17	1 24	13 56	0 27	1 51	1 12	1 51	16 44	22 38	22 39	15 44	15 46	6 27
S 6	22 28	15 21	3 59	16 17	2 27	22 31	2 36	24 0	0 43	13 52	1 1	21 18	1 24	13 56	0 27	1 51	1 12	1 51	16 44	22 38	22 39	15 46	15 46	6 26
S 7	22 35	11 10	4 40	16 35	2 22	22 15	2 35	24 3	0 44	13 49	1 1	21 19	1 24	13 55	0 27	1 51	1 12	1 51	16 44	22 38	22 39	15 48	15 45	6 26
M 8	22 41	6 37	5 7	16 54	2 17	21 58	2 33	24 5	0 44	13 46	1 1	21 20	1 24	13 55	0 27	1 50	1 12	1 51	16 44	22 38	22 38	15 49	15 45	6 26
T 9	22 47	1 54	5 17	17 15	2 12	21 41	2 31	24 7	0 45	13 43	1 1	21 21	1 24	13 54	0 27	1 50	1 12	1 51	16 43	22 38	22 38	15 51	15 44	6 26
W10	22 53	2s46	5 14	17 36	2 6	21 24	2 28	24 8	0 45	13 39	1 1	21 21	1 24	13 53	0 27	1 50	1 12	1 51	16 43	22 38	22 38	15 53	15 44	6 25
T 11	22 58	7 16	4 56	17 58	1 59	21 6	2 26	24 10	0 45	13 36	1 1	21 22	1 24	13 53	0 27	1 50	1 12	1 51	16 43	22 38	22 37	15 54	15 43	6 25
F 12	23 3	11 26	4 26	18 20	1 52	20 47	2 23	24 11	0 46	13 33	1 1	21 23	1 24	13 52	0 27	1 50	1 12	1 51	16 43	22 38	22 37	15 56	15 43	6 25
S 13	23 7	15 10	3 45	18 43	1 45	20 28	2 21	24 12	0 46	13 30	1 0	21 24	1 24	13 52	0 27	1 49	1 12	1 51	16 42	22 38	22 37	15 58	15 42	6 25
S 14	23 11	18 19	2 54	19 5	1 38	20 9	2 18	24 12	0 47	13 26	1 0	21 24	1 24	13 51	0 27	1 49	1 12	1 51	16 42	22 38	22 36	15 59	15 42	6 25
M15	23 15	20 42	1 55	19 28	1 31	19 49	2 15	24 13	0 47	13 23	1 0	21 25	1 24	13 51	0 27	1 49	1 12	1 51	16 42	22 38	22 36	16 1	15 41	6 24
T 16	23 18	22 11	0 51	19 50	1 23	19 28	2 12	24 13	0 48	13 19	1 0	21 26	1 24	13 51	0 27	1 49	1 12	1 51	16 42	22 38	22 36	16 3	15 41	6 24
W17	23 20	22 39	0n17	20 12	1 16	19 8	2 8	24 13	0 48	13 16	1 0	21 26	1 23	13 50	0 27	1 49	1 13	1 51	16 41	22 38	22 35	16 4	15 40	6 24
T 18	23 22	22 1	1 24	20 33	1 8	18 47	2 5	24 12	0 49	13 12	1 0	21 27	1 23	13 50	0 27	1 49	1 13	1 51	16 41	22 38	22 35	16 6	15 40	6 24
F 19	23 24	20 17	2 29	20 53	1 0	18 25	2 1	24 11	0 49	13 8	1 0	21 28	1 23	13 49	0 27	1 48	1 13	1 51	16 41	22 38	22 34	16 8	15 39	6 24
S 20	23 25	17 30	3 27	21 13	0 52	18 4	1 57	24 11	0 49	13 5	1 0	21 28	1 23	13 49	0 27	1 48	1 13	1 51	16 40	22 38	22 34	16 9	15 39	6 23
S 21	23 25	13 49	4 16	21 33	0 45	17 42	1 53	24 9	0 50	13 1	1 0	21 29	1 23	13 48	0 27	1 48	1 13	1 50	16 40	22 38	22 34	16 11	15 38	6 23
M22	23 25	9 24	4 51	21 51	0 37	17 20	1 49	24 8	0 50	12 57	1 0	21 30	1 23	13 48	0 27	1 48	1 13	1 50	16 40	22 38	22 33	16 13	15 37	6 23
T 23	23 25	4 28	5 12	22 9	0 29	16 57	1 44	24 6	0 51	12 53	0 59	21 30	1 23	13 48	0 27	1 48	1 13	1 50	16 40	22 38	22 33	16 14	15 37	6 23
W24	23 24	0n45	5 15	22 25	0 22	16 34	1 39	24 4	0 51	12 49	0 59	21 31	1 23	13 47	0 27	1 48	1 13	1 50	16 39	22 37	22 33	16 16	15 36	6 23
T 25	23 23	6 1	5 0	22 41	0 14	16 11	1 35	24 2	0 51	12 46	0 59	21 32	1 23	13 47	0 27	1 48	1 13	1 50	16 39	22 37	22 32	16 18	15 35	6 23
F 26	23 21	11 4	4 27	22 55	0 7	15 48	1 30	23 59	0 52	12 42	0 59	21 32	1 23	13 47	0 27	1 48	1 13	1 50	16 39	22 37	22 32	16 19	15 35	6 23
S 27	23 19	15 34	3 37	23 9	0s 0	15 24	1 24	23 56	0 52	12 38	0 59	21 33	1 23	13 46	0 27	1 48	1 13	1 50	16 38	22 38	22 32	16 21	15 34	6 23
S 28	23 16	19 12	2 33	23 22	0 8	15 0	1 19	23 53	0 53	12 34	0 59	21 34	1 23	13 46	0 27	1 48	1 13	1 50	16 38	22 38	22 31	16 22	15 33	6 23
M29	23 13	21 38	1 19	23 33	0 15	14 36	1 13	23 50	0 53	12 30	0 59	21 34	1 23	13 46	0 27	1 48	1 13	1 50	16 38	22 38	22 31	16 24	15 33	6 22
T 30	23 10	22 38	0s 0	23 43	0 22	14 12	1 7	23 46	0 53	12 25	0 59	21 35	1 23	13 46	0 27	1 48	1 13	1 49	16 37	22 38	22 30	16 26	15 32	6 22
W31	23s 6	22n 6	1s19	23s52	0s28	13s48	1s 1	23s42	0s54	12s21	0s59	21s35	1n23	13n45	0s27	1n48	1n13	1s49	16s37	22s38	22s30	16s27	15s31	6n22

Julian Day Number = 2489864.5, Delta T = 95.50 sec
Ecliptic obliquity = 23°25'30, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°12'22, Lahiri = 25°19'23

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ASTRODIENST EPHEMERIS for the year 2105
geocentric

JANUARY 2105 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 8	10♉23'16	14♋13	28♐56	26♒56	13♉32	0♓17	19♐ 6	8°R 0	28°R17	7°R15	15°R24	14♐15	5♏50	20♉52	T 1
F 2	6 46 5	11°24'24	28°12	0♉28	27°50	14°18	0°28	19°13	8♉ 0	28♍17	7♉15	15♐21	14°12	5°57	20°58	F 2
S 3	6 50 1	12°25'31	11♌51	2° 1	28°43	15° 4	0°40	19°20	7°59	28°17	7°15	15°17	14° 9	6° 4	21° 4	S 3
S 4	6 53 58	13°26'39	25° 8	3°33	29°35	15°50	0°52	19°26	7°58	28°17	7°14	15°12	14° 5	6°10	21° 9	S 4
M 5	6 57 54	14°27'47	8♍ 2	5° 6	0♓27	16°36	1° 4	19°33	7°58	28°17	7°14	15° 8	14° 2	6°17	21°15	M 5
T 6	7 1 51	15°28'56	20°36	6°39	1°18	17°22	1°16	19°40	7°57	28°16	7°14	15° 4	13°59	6°24	21°20	T 6
W 7	7 5 48	16°30'04	2♎51	8°13	2° 8	18° 8	1°28	19°46	7°57	28°16	7°13	15° 2	13°56	6°30	21°26	W 7
T 8	7 9 44	17°31'13	14°53	9°47	2°57	18°55	1°41	19°53	7°56	28°16	7°13	15°D 1	13°53	6°37	21°32	T 8
F 9	7 13 41	18°32'22	26°46	11°22	3°45	19°41	1°53	19°59	7°56	28°16	7°13	15° 1	13°49	6°44	21°37	F 9
S 10	7 17 37	19°33'31	8♏35	12°56	4°33	20°27	2° 5	20° 6	7°56	28°15	7°12	15° 2	13°46	6°50	21°43	S 10
S 11	7 21 34	20°34'40	20°25	14°32	5°19	21°13	2°18	20°12	7°55	28°15	7°12	15° 4	13°43	6°57	21°49	S 11
M12	7 25 30	21°35'49	2♐22	16° 7	6° 5	22° 0	2°31	20°19	7°55	28°14	7°12	15° 6	13°40	7° 4	21°54	M12
T 13	7 29 27	22°36'58	14°29	17°43	6°49	22°46	2°43	20°25	7°55	28°14	7°12	15°R 7	13°37	7°10	22° 0	T 13
W14	7 33 23	23°38'08	26°49	19°20	7°33	23°33	2°56	20°32	7°55	28°13	7°12	15° 6	13°34	7°17	22° 6	W14
T 15	7 37 20	24°39'17	9♉26	20°57	8°15	24°19	3° 9	20°38	7°55	28°13	7°12	15° 3	13°30	7°24	22°11	T 15
F 16	7 41 17	25°40'25	22°20	22°34	8°57	25° 6	3°22	20°44	7°D55	28°12	7°11	14°59	13°27	7°31	22°17	F 16
S 17	7 45 13	26°41'33	5♒31	24°12	9°37	25°52	3°35	20°50	7°55	28°12	7°11	14°52	13°24	7°37	22°23	S 17
S 18	7 49 10	27°42'41	18°58	25°50	10°16	26°39	3°48	20°57	7°55	28°11	7°11	14°45	13°21	7°44	22°28	S 18
M19	7 53 6	28°43'48	2♓39	27°29	10°53	27°25	4° 1	21° 3	7°55	28°11	7°11	14°37	13°18	7°51	22°34	M19
T 20	7 57 3	29°44'54	16°30	29° 9	11°29	28°12	4°14	21° 9	7°55	28°10	7°11	14°30	13°15	7°57	22°40	T 20
W21	8 0 59	0♒46'00	0♈28	0♒49	12° 4	28°59	4°27	21°15	7°55	28° 9	7°D11	14°24	13°11	8° 4	22°45	W21
T 22	8 4 56	1°47'05	14°32	2°30	12°38	29°45	4°40	21°21	7°56	28° 9	7°11	14°21	13° 8	8°11	22°51	T 22
F 23	8 8 52	2°48'08	28°38	4°11	13° 9	0♒32	4°54	21°27	7°56	28° 8	7°11	14°D19	13° 5	8°17	22°56	F 23
S 24	8 12 49	3°49'11	12♉45	5°52	13°40	1°19	5° 7	21°33	7°56	28° 7	7°11	14°20	13° 2	8°24	23° 2	S 24
S 25	8 16 46	4°50'13	26°52	7°35	14° 8	2° 6	5°20	21°39	7°57	28° 6	7°11	14°21	12°59	8°31	23° 8	S 25
M26	8 20 42	5°51'14	10♊58	9°17	14°35	2°53	5°34	21°44	7°57	28° 5	7°11	14°R22	12°55	8°37	23°13	M26
T 27	8 24 39	6°52'14	25° 1	11° 1	15° 0	3°39	5°47	21°50	7°58	28° 4	7°12	14°21	12°52	8°44	23°19	T 27
W28	8 28 35	7°53'13	8♋59	12°44	15°24	4°26	6° 1	21°56	7°59	28° 4	7°12	14°18	12°49	8°51	23°24	W28
T 29	8 32 32	8°54'11	22°49	14°29	15°45	5°13	6°15	22° 1	7°59	28° 3	7°12	14°13	12°46	8°57	23°30	T 29
F 30	8 36 28	9°55'07	6♌28	16°13	16° 5	6° 0	6°28	22° 7	8° 0	28° 2	7°12	14° 6	12°43	9° 4	23°35	F 30
S 31	8 40 25	10♒56'03	19♌52	17♒59	16♓22	6♒47	6♓42	22♐12	8♉ 1	28♍ 1	7♉12	13♐56	12♐40	9♏11	23♉41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 1	20n 9	2s32	24s 0	0s35	13s23	0s55	23s38	0s54	12s17	0s59	21s36	1n23	13n45	0s27	1n48	1n13	1s49	16s37	22s38	22s30	16s29	15s30	6n22
F 2	22 56	17 1	3 34	24 7	0 42	12 59	0 49	23 34	0 54	12 13	0 59	21 36	1 23	13 45	0 27	1 48	1 13	1 49	16 36	22 37	22 29	16 30	15 30	6 22
S 3	22 51	13 2	4 22	24 13	0 48	12 34	0 42	23 29	0 55	12 9	0 59	21 37	1 23	13 45	0 27	1 48	1 13	1 49	16 36	22 37	22 29	16 32	15 29	6 22
S 4	22 45	8 31	4 54	24 17	0 54	12 10	0 35	23 24	0 55	12 4	0 59	21 37	1 23	13 44	0 26	1 48	1 13	1 48	16 36	22 36	22 29	16 33	15 28	6 22
M 5	22 38	3 44	5 11	24 20	1 0	11 45	0 28	23 19	0 56	12 0	0 59	21 38	1 23	13 44	0 26	1 49	1 13	1 48	16 35	22 36	22 28	16 35	15 27	6 22
T 6	22 32	1s 3	5 12	24 21	1 6	11 20	0 21	23 13	0 56	11 56	0 58	21 39	1 23	13 44	0 26	1 49	1 14	1 48	16 35	22 35	22 28	16 37	15 26	6 22
W 7	22 24	5 42	4 58	24 21	1 11	10 55	0 13	23 8	0 56	11 51	0 58	21 39	1 23	13 44	0 26	1 49	1 14	1 48	16 35	22 35	22 28	16 38	15 26	6 22
T 8	22 17	10 2	4 32	24 20	1 17	10 30	0 5	23 1	0 57	11 47	0 58	21 40	1 23	13 44	0 26	1 49	1 14	1 48	16 34	22 35	22 27	16 40	15 25	6 22
F 9	22 9	13 57	3 54	24 18	1 22	10 5	0n 3	22 55	0 57	11 42	0 58	21 40	1 23	13 44	0 26	1 49	1 14	1 47	16 34	22 35	22 27	16 41	15 24	6 22
S 10	22 0	17 18	3 6	24 14	1 27	9 40	0 11	22 49	0 57	11 38	0 58	21 40	1 23	13 44	0 26	1 49	1 14	1 47	16 34	22 35	22 26	16 43	15 23	6 22
S 11	21 51	19 57	2 11	24 9	1 31	9 15	0 19	22 42	0 57	11 33	0 58	21 41	1 23	13 44	0 26	1 49	1 14	1 47	16 33	22 35	22 26	16 44	15 22	6 22
M12	21 42	21 45	1 9	24 2	1 36	8 51	0 28	22 35	0 58	11 29	0 58	21 41	1 23	13 44	0 26	1 50	1 14	1 47	16 33	22 36	22 26	16 46	15 21	6 22
T 13	21 32	22 35	0 3	23 54	1 40	8 26	0 37	22 28	0 58	11 24	0 58	21 42	1 23	13 44	0 26	1 50	1 14	1 46	16 33	22 36	22 25	16 47	15 20	6 22
W14	21 21	22 20	1n 3	23 45	1 44	8 1	0 46	22 20	0 58	11 19	0 58	21 42	1 23	13 44	0 26	1 50	1 14	1 46	16 32	22 36	22 25	16 49	15 20	6 22
T 15	21 11	20 57	2 8	23 34	1 48	7 37	0 55	22 12	0 59	11 15	0 58	21 43	1 23	13 44	0 26	1 50	1 14	1 46	16 32	22 35	22 24	16 51	15 19	6 22
F 16	21 0	18 29	3 8	23 22	1 51	7 13	1 5	22 4	0 59	11 10	0 58	21 43	1 23	13 44	0 26	1 51	1 14	1 45	16 32	22 35	22 24	16 52	15 18	6 22
S 17	20 48	15 0	3 59	23 8	1 54	6 49	1 14	21 56	0 59	11 5	0 58	21 44	1 23	13 44	0 26	1 51	1 14	1 45	16 31	22 34	22 24	16 54	15 17	6 22
S 18	20 36	10 43	4 38	22 52	1 57	6 25	1 25	21 47	1 0	11 1	0 58	21 44	1 23	13 44	0 26	1 51	1 14	1 45	16 31	22 33	22 23	16 55	15 16	6 22
M19	20 24	5 50	5 2	22 36	1 59	6 1	1 35	21 38	1 0	10 56	0 58	21 44	1 23	13 44	0 26	1 51	1 14	1 44	16 31	22 32	22 23	16 57	15 15	6 22
T 20	20 11	0 35	5 8	22 17	2 1	5 38	1 45	21 29	1 0	10 51	0 58	21 45	1 23	13 44	0 26	1 52	1 14	1 44	16 30	22 31	22 22	16 58	15 14	6 22
W21	19 58	4n43	4 56	21 57	2 3	5 15	1 56	21 20	1 0	10 46	0 58	21 45	1 23	13 44	0 26	1 52	1 14	1 44	16 30	22 31	22 22	17 0	15 13	6 22
T 22	19 45	9 49	4 27	21 36	2 4	4 52	2 7	21 11	1 1	10 41	0 58	21 45	1 23	13 44	0 26	1 52	1 14	1 43	16 29	22 30	22 22	17 1	15 12	6 23
F 23	19 31	14 25	3 41	21 13	2 5	4 29	2 18	21 1	1 1	10 36	0 58	21 46	1 23	13 44	0 26	1 53	1 14	1 43	16 29	22 30	22 21	17 3	15 11	6 23
S 24	19 17	18 13	2 42	20 49	2 5	4 7	2 29	20 51	1 1	10 31	0 58	21 46	1 23	13 44	0 26	1 53	1 14	1 43	16 29	22 30	22 21	17 4	15 10	6 23
S 25	19 3	20 57	1 33	20 23	2 5	3 46	2 41	20 41	1 1	10 26	0 58	21 46	1 23	13 45	0 26	1 54	1 14	1 42	16 28	22 30	22 20	17 6	15 9	6 23
M26	18 48	22 23	0 18	19 56	2 5	3 24	2 53	20 30	1 2	10 21	0 58	21 47	1 23	13 45	0 26	1 54	1 14	1 42	16 28	22 31	22 20	17 7	15 8	6 23
T 27	18 33	22 23	0s57	19 27	2 4	3 4	3 5	20 19	1 2	10 16	0 58	21 47	1 23	13 45	0 26	1 54	1 14	1 42	16 28	22 30	22 20	17 8	15 7	6 23
W28	18 17	20 59	2 8	18 57	2 3	2 43	3 17	20 9	1 2	10 11	0 58	21 47	1 23	13 45	0 26	1 55	1 15	1 41	16 27	22 30	22 19	17 10	15 6	6 23
T 29	18 1	18 21	3 11	18 25	2 1	2 24	3 30	19 57	1 2	10 6	0 58	21 48	1 24	13 45	0 26	1 55	1 15	1 41	16 27	22 30	22 19	17 11	15 5	6 23
F 30	17 45	14 44	4 2	17 51	1 59	2 4	3 42	19 46	1 2	10 1	0 58	21 48	1 24	13 46	0 26	1 56	1 15	1 40	16 27	22 29	22 18	17 13	15 4	6 24
S 31	17s29	10n26	4s38	17s17	1s56	1s46	3n55	19s35	1s 3	9s56	0s57	21s48	1n24	13n46	0s26	1n56	1n15	1s40	16s26	22s28	22s18	17s14	15s 3	6n24

Julian Day Number = 2489895.5, Delta T = 95.54 sec
Ecliptic obliquity = 23°25'29, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°12'26, Lahiri = 25°19'27

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ASTRODIENST EPHEMERIS for the year 2105
geocentric

FEBRUARY 2105 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 21	11♒56'58	3♍ 0	19♒44	16♓37	7♒34	6♓56	22♐18	8♉ 1	28°R 0	7♉13	13°R45	12♐36	9♏17	23♑46	S 1
M 2	8 48 18	12°57'52	15°49	21°30	16°51	8°21	7°10	22°23	8° 2	27♍59	7°13	13♐34	12°33	9°24	23°52	M 2
T 3	8 52 15	13°58'46	28°21	23°15	17° 2	9° 8	7°24	22°28	8° 3	27°57	7°13	13°25	12°30	9°31	23°57	T 3
W 4	8 56 11	14°59'38	10♎37	25° 1	17°10	9°55	7°38	22°34	8° 4	27°56	7°13	13°17	12°27	9°37	24° 2	W 4
T 5	9 0 8	16° 0'29	22°39	26°47	17°17	10°42	7°51	22°39	8° 5	27°55	7°14	13°12	12°24	9°44	24° 8	T 5
F 6	9 4 4	17° 1'20	4♏32	28°32	17°21	11°29	8° 5	22°44	8° 6	27°54	7°14	13° 9	12°21	9°51	24°13	F 6
S 7	9 8 1	18° 2'10	16°21	0♓17	17°R23	12°16	8°19	22°49	8° 7	27°53	7°14	13°D 8	12°17	9°57	24°18	S 7
S 8	9 11 57	19° 2'59	28°11	2° 1	17°22	13° 3	8°34	22°54	8° 9	27°52	7°15	13° 8	12°14	10° 4	24°24	S 8
M 9	9 15 54	20° 3'47	10♐ 8	3°44	17°18	13°50	8°48	22°59	8°10	27°51	7°15	13°R 8	12°11	10°11	24°29	M 9
T 10	9 19 50	21° 4'34	22°16	5°26	17°13	14°37	9° 2	23° 4	8°11	27°49	7°16	13° 8	12° 8	10°17	24°34	T 10
W11	9 23 47	22° 5'20	4♑41	7° 6	17° 4	15°25	9°16	23° 8	8°12	27°48	7°16	13° 6	12° 5	10°24	24°39	W11
T 12	9 27 44	23° 6'05	17°26	8°43	16°54	16°12	9°30	23°13	8°14	27°47	7°17	13° 1	12° 1	10°31	24°44	T 12
F 13	9 31 40	24° 6'49	0♒34	10°18	16°40	16°59	9°44	23°18	8°15	27°45	7°17	12°54	11°58	10°37	24°50	F 13
S 14	9 35 37	25° 7'32	14° 4	11°50	16°25	17°46	9°59	23°22	8°17	27°44	7°18	12°44	11°55	10°44	24°55	S 14
S 15	9 39 33	26° 8'13	27°56	13°17	16° 6	18°33	10°13	23°27	8°18	27°43	7°18	12°32	11°52	10°51	25° 0	S 15
M16	9 43 30	27° 8'53	12♓ 4	14°41	15°46	19°21	10°27	23°31	8°20	27°41	7°19	12°20	11°49	10°57	25° 5	M16
T 17	9 47 26	28° 9'31	26°24	15°59	15°23	20° 8	10°41	23°35	8°21	27°40	7°19	12° 9	11°46	11° 4	25°10	T 17
W18	9 51 23	29°10'08	10♈49	17°11	14°58	20°55	10°56	23°40	8°23	27°39	7°20	11°59	11°42	11°11	25°15	W18
T 19	9 55 19	0♓10'43	25°13	18°16	14°31	21°42	11°10	23°44	8°25	27°37	7°20	11°53	11°39	11°17	25°20	T 19
F 20	9 59 16	1°11'16	9♉32	19°15	14° 2	22°29	11°24	23°48	8°26	27°36	7°21	11°49	11°36	11°24	25°24	F 20
S 21	10 3 13	2°11'48	23°44	20° 5	13°31	23°17	11°39	23°52	8°28	27°34	7°22	11°48	11°33	11°31	25°29	S 21
S 22	10 7 9	3°12'17	7♊46	20°47	12°58	24° 4	11°53	23°56	8°30	27°33	7°22	11°47	11°30	11°37	25°34	S 22
M23	10 11 6	4°12'45	21°38	21°20	12°24	24°51	12° 8	24° 0	8°32	27°31	7°23	11°47	11°27	11°44	25°39	M23
T 24	10 15 2	5°13'11	5♋21	21°43	11°49	25°39	12°22	24° 3	8°34	27°30	7°24	11°46	11°23	11°51	25°44	T 24
W25	10 18 59	6°13'35	18°55	21°56	11°13	26°26	12°37	24° 7	8°36	27°28	7°25	11°42	11°20	11°57	25°48	W25
T 26	10 22 55	7°13'57	2♌19	22°R 0	10°36	27°13	12°51	24°11	8°38	27°27	7°25	11°35	11°17	12° 4	25°53	T 26
F 27	10 26 52	8°14'18	15°33	21°53	9°59	28° 0	13° 5	24°14	8°40	27°25	7°26	11°25	11°14	12°11	25°57	F 27
S 28	10 30 48	9♓14'36	28♌35	21♓37	9♓21	28♒48	13♓20	24♐17	8♉42	27♍24	7♉27	11♐12	11♐11	12♏17	26♑ 2	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s12	5n45	4s59	16s40	1s53	1s28	4n 8	19s23	1s 3	9s51	0s57	21s49	1n24	13n46	0s26	1n56	1n15	1s40	16s26	22s26	22s18	17s16	15s 2	6n24
M 2	16 55	0 55	5 4	16 3	1 49	1 11	4 21	19 11	1 3	9 46	0 57	21 49	1 24	13 47	0 26	1 57	1 15	1 39	16 26	22 25	22 17	17 17	15 1	6 24
T 3	16 37	3s51	4 54	15 24	1 44	0 55	4 34	18 59	1 3	9 41	0 57	21 49	1 24	13 47	0 26	1 57	1 15	1 39	16 25	22 24	22 17	17 19	15 0	6 24
W 4	16 20	8 21	4 31	14 44	1 39	0 39	4 47	18 46	1 3	9 36	0 57	21 49	1 24	13 47	0 26	1 58	1 15	1 38	16 25	22 23	22 16	17 20	14 58	6 24
T 5	16 2	12 27	3 56	14 2	1 33	0 24	5 1	18 34	1 4	9 30	0 57	21 50	1 24	13 48	0 26	1 58	1 15	1 38	16 24	22 22	22 16	17 22	14 57	6 25
F 6	15 43	16 1	3 11	13 20	1 27	0 10	5 14	18 21	1 4	9 25	0 57	21 50	1 24	13 48	0 25	1 59	1 15	1 37	16 24	22 22	22 16	17 23	14 56	6 25
S 7	15 25	18 55	2 18	12 36	1 20	0n 2	5 27	18 8	1 4	9 20	0 57	21 50	1 24	13 48	0 25	1 59	1 15	1 37	16 24	22 22	22 15	17 24	14 55	6 25
S 8	15 6	21 2	1 19	11 52	1 12	0 14	5 41	17 55	1 4	9 15	0 57	21 50	1 24	13 49	0 25	2 0	1 15	1 37	16 23	22 22	22 15	17 26	14 54	6 25
M 9	14 47	22 13	0 16	11 7	1 3	0 25	5 54	17 41	1 4	9 9	0 57	21 50	1 24	13 49	0 25	2 0	1 15	1 36	16 23	22 22	22 14	17 27	14 53	6 26
T 10	14 28	22 24	0n48	10 21	0 54	0 35	6 7	17 28	1 4	9 4	0 57	21 51	1 24	13 50	0 25	2 1	1 15	1 36	16 23	22 22	22 14	17 29	14 52	6 26
W11	14 8	21 29	1 52	9 34	0 43	0 44	6 20	17 14	1 4	8 59	0 57	21 51	1 24	13 50	0 25	2 1	1 15	1 35	16 22	22 21	22 14	17 30	14 51	6 26
T 12	13 49	19 27	2 52	8 48	0 33	0 52	6 33	17 0	1 4	8 53	0 57	21 51	1 24	13 51	0 25	2 2	1 15	1 35	16 22	22 21	22 13	17 31	14 50	6 26
F 13	13 29	16 22	3 44	8 1	0 21	0 58	6 46	16 46	1 5	8 48	0 57	21 51	1 24	13 51	0 25	2 2	1 15	1 34	16 22	22 20	22 13	17 33	14 49	6 26
S 14	13 8	12 22	4 25	7 15	0 9	1 4	6 58	16 31	1 5	8 43	0 57	21 51	1 24	13 51	0 25	2 3	1 15	1 34	16 21	22 19	22 12	17 34	14 47	6 27
S 15	12 48	7 37	4 52	6 30	0n 4	1 8	7 10	16 17	1 5	8 37	0 57	21 52	1 24	13 52	0 25	2 4	1 15	1 33	16 21	22 17	22 12	17 36	14 46	6 27
M16	12 27	2 23	5 1	5 45	0 18	1 11	7 21	16 2	1 5	8 32	0 57	21 52	1 24	13 53	0 25	2 4	1 15	1 33	16 21	22 16	22 11	17 37	14 45	6 27
T 17	12 6	3n 2	4 52	5 2	0 32	1 12	7 32	15 48	1 5	8 26	0 57	21 52	1 24	13 53	0 25	2 5	1 15	1 32	16 20	22 14	22 11	17 38	14 44	6 28
W18	11 45	8 20	4 24	4 21	0 47	1 12	7 43	15 33	1 5	8 21	0 57	21 52	1 25	13 54	0 25	2 5	1 15	1 32	16 20	22 13	22 11	17 40	14 43	6 28
T 19	11 24	13 10	3 40	3 41	1 2	1 11	7 53	15 17	1 5	8 16	0 57	21 52	1 25	13 54	0 25	2 6	1 15	1 31	16 20	22 12	22 10	17 41	14 42	6 28
F 20	11 3	17 13	2 42	3 4	1 17	1 9	8 2	15 2	1 5	8 10	0 57	21 52	1 25	13 55	0 25	2 6	1 15	1 31	16 19	22 11	22 10	17 42	14 41	6 28
S 21	10 41	20 13	1 34	2 31	1 32	1 5	8 11	14 47	1 5	8 5	0 58	21 52	1 25	13 55	0 25	2 7	1 15	1 30	16 19	22 11	22 9	17 44	14 39	6 29
S 22	10 19	21 57	0 21	2 0	1 48	1 0	8 19	14 31	1 5	7 59	0 58	21 52	1 25	13 56	0 25	2 8	1 15	1 30	16 19	22 11	22 9	17 45	14 38	6 29
M23	9 58	22 18	0s52	1 33	2 3	0 54	8 26	14 15	1 5	7 54	0 58	21 53	1 25	13 57	0 25	2 8	1 15	1 29	16 18	22 11	22 8	17 46	14 37	6 29
T 24	9 36	21 18	2 1	1 10	2 18	0 46	8 32	13 59	1 5	7 48	0 58	21 53	1 25	13 57	0 25	2 9	1 15	1 29	16 18	22 11	22 8	17 48	14 36	6 30
W25	9 13	19 5	3 3	0 52	2 32	0 38	8 37	13 43	1 5	7 43	0 58	21 53	1 25	13 58	0 25	2 10	1 15	1 28	16 18	22 10	22 8	17 49	14 35	6 30
T 26	8 51	15 51	3 53	0 38	2 46	0 28	8 42	13 27	1 5	7 37	0 58	21 53	1 25	13 59	0 25	2 10	1 15	1 28	16 17	22 10	22 7	17 50	14 34	6 30
F 27	8 29	11 51	4 30	0 29	2 59	0 17	8 45	13 11	1 5	7 32	0 58	21 53	1 25	13 59	0 25	2 11	1 16	1 27	16 17	22 8	22 7	17 52	14 32	6 31
S 28	8s 6	7n23	4s53	0s25	3n10	0n 6	8n47	12s55	1s 5	7s26	0s58	21s53	1n25	14n 0	0s25	2n11	1n16	1s27	16s17	22s 6	22s 6	17s53	14s31	6n31

Julian Day Number = 2489926.5, Delta T = 95.59 sec
Ecliptic obliquity = 23°25'30, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°12'31, Lahiri = 25°19'31

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ASTRODIENST EPHEMERIS for the year 2105
geocentric

MARCH 2105 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 45	10♓14'53	11♍25	21°R11	8°R44	29♒35	13♓34	24♐21	8♉44	27°R22	7♉28	10°R59	11♐ 7	12♏24	26♑ 6	S 1
M 2	10 38 42	11°15'08	24° 2	20♓37	8♓ 6	0♓22	13°49	24°24	8°46	27♍21	7°28	10♐45	11° 4	12°31	26°11	M 2
T 3	10 42 38	12°15'21	6♎25	19°55	7°29	1°10	14° 3	24°27	8°48	27°19	7°29	10°32	11° 1	12°37	26°15	T 3
W 4	10 46 35	13°15'32	18°35	19° 7	6°54	1°57	14°18	24°30	8°51	27°17	7°30	10°21	10°58	12°44	26°20	W 4
T 5	10 50 31	14°15'42	0♏35	18°13	6°19	2°44	14°32	24°33	8°53	27°16	7°31	10°13	10°55	12°51	26°24	T 5
F 6	10 54 28	15°15'51	12°27	17°15	5°45	3°31	14°47	24°36	8°55	27°14	7°32	10° 8	10°52	12°57	26°28	F 6
S 7	10 58 24	16°15'58	24°15	16°15	5°13	4°19	15° 1	24°39	8°58	27°13	7°33	10° 5	10°48	13° 4	26°32	S 7
S 8	11 2 21	17°16'03	6♐ 3	15°13	4°42	5° 6	15°16	24°41	9° 0	27°11	7°34	10°D 4	10°45	13°11	26°36	S 8
M 9	11 6 17	18°16'07	17°58	14°12	4°14	5°53	15°30	24°44	9° 2	27° 9	7°35	10°R 4	10°42	13°17	26°40	M 9
T 10	11 10 14	19°16'09	0♑ 5	13°12	3°47	6°41	15°45	24°47	9° 5	27° 8	7°36	10° 4	10°39	13°24	26°44	T 10
W11	11 14 11	20°16'09	12°29	12°16	3°22	7°28	15°59	24°49	9° 7	27° 6	7°37	10° 2	10°36	13°30	26°48	W11
T 12	11 18 7	21°16'08	25°15	11°23	3° 0	8°15	16°14	24°51	9°10	27° 4	7°38	9°58	10°32	13°37	26°52	T 12
F 13	11 22 4	22°16'05	8♒27	10°35	2°40	9° 2	16°28	24°54	9°13	27° 3	7°39	9°51	10°29	13°44	26°56	F 13
S 14	11 26 0	23°16'01	22° 6	9°53	2°22	9°50	16°43	24°56	9°15	27° 1	7°40	9°42	10°26	13°50	27° 0	S 14
S 15	11 29 57	24°15'55	6♓11	9°16	2° 7	10°37	16°57	24°58	9°18	26°59	7°41	9°31	10°23	13°57	27° 4	S 15
M16	11 33 53	25°15'46	20°38	8°46	1°54	11°24	17°12	25° 0	9°21	26°58	7°42	9°20	10°20	14° 4	27° 7	M16
T 17	11 37 50	26°15'36	5♈21	8°22	1°43	12°11	17°26	25° 1	9°23	26°56	7°43	9° 9	10°17	14°10	27°11	T 17
W18	11 41 46	27°15'24	20°12	8° 4	1°35	12°59	17°40	25° 3	9°26	26°54	7°44	9° 0	10°13	14°17	27°15	W18
T 19	11 45 43	28°15'10	5♉ 2	7°53	1°30	13°46	17°55	25° 5	9°29	26°53	7°45	8°53	10°10	14°24	27°18	T 19
F 20	11 49 39	29°14'53	19°44	7°D48	1°27	14°33	18° 9	25° 6	9°32	26°51	7°46	8°49	10° 7	14°30	27°22	F 20
S 21	11 53 36	0♈14'35	4♊12	7°50	1°D26	15°20	18°23	25° 8	9°34	26°49	7°47	8°D48	10° 4	14°37	27°25	S 21
S 22	11 57 33	1°14'14	18°23	7°57	1°28	16° 7	18°38	25° 9	9°37	26°48	7°48	8°48	10° 1	14°44	27°28	S 22
M23	12 1 29	2°13'51	2♋17	8° 9	1°32	16°55	18°52	25°10	9°40	26°46	7°49	8°R49	9°58	14°50	27°31	M23
T 24	12 5 26	3°13'26	15°53	8°27	1°38	17°42	19° 6	25°12	9°43	26°44	7°51	8°48	9°54	14°57	27°35	T 24
W25	12 9 22	4°12'58	29°14	8°50	1°47	18°29	19°21	25°13	9°46	26°43	7°52	8°45	9°51	15° 4	27°38	W25
T 26	12 13 19	5°12'28	12♌21	9°18	1°57	19°16	19°35	25°14	9°49	26°41	7°53	8°40	9°48	15°10	27°41	T 26
F 27	12 17 15	6°11'55	25°14	9°50	2°10	20° 3	19°49	25°14	9°52	26°39	7°54	8°32	9°45	15°17	27°44	F 27
S 28	12 21 12	7°11'21	7♍56	10°26	2°25	20°50	20° 3	25°15	9°55	26°38	7°55	8°22	9°42	15°24	27°47	S 28
S 29	12 25 8	8°10'44	20°27	11° 6	2°42	21°37	20°17	25°16	9°58	26°36	7°57	8°11	9°38	15°30	27°50	S 29
M30	12 29 5	9°10'05	2♎48	11°50	3° 1	22°24	20°31	25°16	10° 1	26°35	7°58	8° 0	9°35	15°37	27°52	M30
T 31	12 33 2	10♈ 9'24	14♎58	12♓38	3♓22	23♓11	20♓46	25♐17	10♉ 4	26♍33	7♉59	7♐49	9♐32	15♏44	27♑55	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s43	2n39	5s 0	0s26	3n20	0s 7	8n49	12s38	1s 5	7s21	0s58	21s53	1n25	14n 1	0s25	2n12	1n16	1s26	16s17	22s 5	22s 6	17s54	14s30	6n31
M 2	7 20	2s 6	4 52	0 32	3 28	0 20	8 49	12 21	1 5	7 15	0 58	21 53	1 25	14 1	0 25	2 13	1 16	1 26	16 16	22 3	22 5	17 56	14 29	6 32
T 3	6 58	6 41	4 30	0 42	3 34	0 34	8 49	12 5	1 5	7 10	0 58	21 53	1 25	14 2	0 25	2 13	1 16	1 25	16 16	22 1	22 5	17 57	14 28	6 32
W 4	6 35	10 56	3 57	0 57	3 39	0 48	8 47	11 48	1 5	7 4	0 58	21 53	1 25	14 3	0 25	2 14	1 16	1 25	16 16	21 59	22 4	17 58	14 27	6 33
T 5	6 11	14 41	3 13	1 16	3 41	1 3	8 45	11 31	1 5	6 58	0 58	21 53	1 26	14 4	0 25	2 15	1 16	1 24	16 15	21 58	22 4	18 0	14 26	6 33
F 6	5 48	17 48	2 21	1 38	3 41	1 18	8 41	11 13	1 5	6 53	0 58	21 53	1 26	14 4	0 25	2 15	1 16	1 23	16 15	21 57	22 4	18 1	14 24	6 33
S 7	5 25	20 10	1 23	2 3	3 39	1 34	8 37	10 56	1 5	6 47	0 58	21 53	1 26	14 5	0 25	2 16	1 16	1 23	16 15	21 57	22 3	18 2	14 23	6 34
S 8	5 2	21 39	0 21	2 31	3 35	1 50	8 32	10 39	1 5	6 42	0 58	21 53	1 26	14 6	0 25	2 17	1 16	1 22	16 15	21 57	22 3	18 4	14 22	6 34
M 9	4 38	22 11	0n42	3 0	3 29	2 5	8 26	10 21	1 5	6 36	0 58	21 53	1 26	14 7	0 25	2 17	1 16	1 22	16 14	21 57	22 2	18 5	14 21	6 35
T 10	4 15	21 41	1 44	3 30	3 21	2 21	8 19	10 4	1 5	6 31	0 58	21 53	1 26	14 8	0 25	2 18	1 16	1 21	16 14	21 57	22 2	18 6	14 20	6 35
W11	3 51	20 8	2 43	4 0	3 12	2 37	8 12	9 46	1 5	6 25	0 58	21 53	1 26	14 8	0 25	2 19	1 16	1 21	16 14	21 56	22 1	18 7	14 19	6 35
T 12	3 28	17 33	3 35	4 30	3 1	2 52	8 4	9 29	1 5	6 19	0 58	21 53	1 26	14 9	0 25	2 19	1 16	1 20	16 13	21 56	22 1	18 9	14 17	6 36
F 13	3 4	13 59	4 18	5 0	2 48	3 7	7 55	9 11	1 5	6 14	0 58	21 53	1 26	14 10	0 25	2 20	1 16	1 20	16 13	21 55	22 0	18 10	14 16	6 36
S 14	2 40	9 36	4 48	5 28	2 35	3 22	7 46	8 53	1 5	6 8	0 58	21 53	1 26	14 11	0 25	2 21	1 16	1 19	16 13	21 54	22 0	18 11	14 15	6 37
S 15	2 17	4 34	5 1	5 54	2 22	3 36	7 37	8 35	1 5	6 3	0 58	21 53	1 26	14 12	0 25	2 21	1 16	1 19	16 13	21 52	21 59	18 12	14 14	6 37
M16	1 53	0n50	4 56	6 19	2 7	3 50	7 27	8 17	1 5	5 57	0 58	21 53	1 26	14 13	0 25	2 22	1 16	1 18	16 12	21 50	21 59	18 14	14 13	6 38
T 17	1 29	6 16	4 31	6 41	1 53	4 3	7 17	7 59	1 5	5 52	0 59	21 53	1 27	14 13	0 24	2 23	1 16	1 17	16 12	21 49	21 59	18 15	14 12	6 38
W18	1 5	11 24	3 48	7 1	1 38	4 16	7 6	7 40	1 4	5 46	0 59	21 53	1 27	14 14	0 24	2 23	1 16	1 17	16 12	21 47	21 58	18 16	14 11	6 38
T 19	0 42	15 51	2 49	7 19	1 23	4 28	6 55	7 22	1 4	5 41	0 59	21 53	1 27	14 15	0 24	2 24	1 16	1 16	16 12	21 46	21 58	18 17	14 10	6 39
F 20	0 18	19 15	1 40	7 35	1 8	4 39	6 44	7 4	1 4	5 35	0 59	21 53	1 27	14 16	0 24	2 25	1 16	1 16	16 12	21 46	21 57	18 19	14 9	6 39
S 21	0n 6	21 22	0 24	7 48	0 54	4 50	6 33	6 46	1 4	5 29	0 59	21 53	1 27	14 17	0 24	2 25	1 16	1 15	16 11	21 45	21 57	18 20	14 7	6 40
S 22	0 30	22 4	0s51	7 59	0 39	5 0	6 21	6 27	1 4	5 24	0 59	21 53	1 27	14 18	0 24	2 26	1 16	1 15	16 11	21 45	21 56	18 21	14 6	6 40
M23	0 53	21 23	2 2	8 7	0 25	5 10	6 10	6 9	1 4	5 18	0 59	21 53	1 27	14 19	0 24	2 27	1 16	1 14	16 11	21 45	21 56	18 22	14 5	6 41
T 24	1 17	19 26	3 4	8 13	0 12	5 18	5 58	5 50	1 4	5 13	0 59	21 53	1 27	14 20	0 24	2 27	1 16	1 14	16 11	21 45	21 55	18 23	14 4	6 41
W25	1 40	16 28	3 55	8 16	0s 1	5 26	5 46	5 32	1 3	5 7	0 59	21 53	1 27	14 21	0 24	2 28	1 16	1 13	16 10	21 45	21 55	18 25	14 3	6 42
T 26	2 4	12 43	4 33	8 18	0 14	5 33	5 35	5 13	1 3	5 2	0 59	21 53	1 27	14 22	0 24	2 29	1 16	1 13	16 10	21 44	21 54	18 26	14 2	6 42
F 27	2 28	8 27	4 56	8 17	0 26	5 40	5 23	4 54	1 3	4 56	0 59	21 53	1 27	14 23	0 24	2 29	1 16	1 12	16 10	21 43	21 54	18 27	14 1	6 43
S 28	2 51	3 53	5 4	8 14	0 38	5 45	5 11	4 36	1 3	4 51	0 59	21 53	1 27	14 24	0 24	2 30	1 16	1 12	16 10	21 41	21 53	18 28	14 0	6 43
S 29	3 15	0s46	4 57	8 9	0 49	5 50	5 0	4 17	1 3	4 45	0 59	21 53	1 27	14 25	0 24	2 31	1 16	1 11	16 10	21 40	21 53	18 29	13 59	6 44
M30	3 38	5 20	4 36	8 2	0 59	5 54	4 48	3 58	1 2	4 40	1 0	21 53	1 28	14 26	0 24	2 31	1 16	1 10	16 10	21 38	21 53	18 31	13 58	6 44
T 31	4n 1	9s38	4s 3	7s53	1s 9	5s58	4n37	3s39	1s 2	4s34	1s 0	21s53	1n28	14n27	0s24	2n32	1n16	1s10	16s 9	21s36	21s52	18s32	13s57	6n45

Julian Day Number = 2489954.5, Delta T = 95.62 sec
Ecliptic obliquity = 23°25'30, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°12'35, Lahiri = 25°19'35

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ASTRODIENST EPHEMERIS for the year 2105
geocentric

APRIL 2105 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 36 58	11♈ 8'41	27♎ 0	13♓29	3♓44	23♓58	21♓ 0	25♐17	10♉ 7	26°R31	8♉ 0	7°R41	9♐29	15♏50	27♑58	W 1
T 2	12 40 55	12° 7'56	8♏54	14°23	4° 9	24°45	21°14	25°17	10°10	26♍30	8° 1	7♐34	9°26	15°57	28° 0	T 2
F 3	12 44 51	13° 7'09	20°44	15°20	4°35	25°32	21°28	25°17	10°14	26°28	8° 3	7°30	9°23	16° 4	28° 3	F 3
S 4	12 48 48	14° 6'21	2♐31	16°20	5° 2	26°19	21°42	25°R18	10°17	26°27	8° 4	7°D29	9°19	16°10	28° 5	S 4
S 5	12 52 44	15° 5'30	14°20	17°23	5°32	27° 6	21°55	25°17	10°20	26°25	8° 5	7°29	9°16	16°17	28° 8	S 5
M 6	12 56 41	16° 4'38	26°14	18°28	6° 2	27°53	22° 9	25°17	10°23	26°23	8° 6	7°30	9°13	16°24	28°10	M 6
T 7	13 0 37	17° 3'44	8♑20	19°35	6°35	28°40	22°23	25°17	10°26	26°22	8° 8	7°31	9°10	16°30	28°12	T 7
W 8	13 4 34	18° 2'48	20°42	20°45	7° 8	29°26	22°37	25°17	10°30	26°20	8° 9	7°R31	9° 7	16°37	28°14	W 8
T 9	13 8 31	19° 1'51	3♒25	21°57	7°43	0♈13	22°51	25°16	10°33	26°19	8°10	7°30	9° 3	16°44	28°16	T 9
F 10	13 12 27	20° 0'51	16°33	23°12	8°20	1° 0	23° 4	25°16	10°36	26°17	8°12	7°27	9° 0	16°50	28°18	F 10
S 11	13 16 24	20°59'50	0♓ 9	24°28	8°57	1°47	23°18	25°15	10°39	26°16	8°13	7°22	8°57	16°57	28°20	S 11
S 12	13 20 20	21°58'47	14°15	25°47	9°36	2°33	23°32	25°14	10°43	26°14	8°14	7°16	8°54	17° 4	28°22	S 12
M13	13 24 17	22°57'42	28°46	27° 7	10°16	3°20	23°45	25°14	10°46	26°13	8°16	7° 9	8°51	17°10	28°24	M13
T 14	13 28 13	23°56'36	13♈39	28°29	10°56	4° 7	23°59	25°13	10°49	26°12	8°17	7° 2	8°48	17°17	28°25	T 14
W15	13 32 10	24°55'27	28°44	29°53	11°38	4°53	24°12	25°12	10°53	26°10	8°18	6°57	8°44	17°23	28°27	W15
T 16	13 36 6	25°54'17	13♉52	1♈19	12°21	5°40	24°26	25°10	10°56	26° 9	8°20	6°53	8°41	17°30	28°29	T 16
F 17	13 40 3	26°53'04	28°55	2°47	13° 5	6°27	24°39	25° 9	11° 0	26° 7	8°21	6°51	8°38	17°37	28°30	F 17
S 18	13 44 0	27°51'50	13♊42	4°16	13°50	7°13	24°52	25° 8	11° 3	26° 6	8°22	6°D51	8°35	17°43	28°31	S 18
S 19	13 47 56	28°50'33	28°10	5°47	14°36	8° 0	25° 6	25° 6	11° 6	26° 5	8°24	6°52	8°32	17°50	28°33	S 19
M20	13 51 53	29°49'14	12♋15	7°20	15°22	8°46	25°19	25° 5	11°10	26° 3	8°25	6°53	8°29	17°57	28°34	M20
T 21	13 55 49	0♉47'53	25°57	8°55	16°10	9°33	25°32	25° 3	11°13	26° 2	8°26	6°R54	8°25	18° 3	28°35	T 21
W22	13 59 46	1°46'29	9♌17	10°31	16°58	10°19	25°45	25° 2	11°17	26° 1	8°28	6°54	8°22	18°10	28°36	W22
T 23	14 3 42	2°45'03	22°18	12° 9	17°47	11° 5	25°58	25° 0	11°20	25°59	8°29	6°53	8°19	18°17	28°37	T 23
F 24	14 7 39	3°43'35	5♍ 1	13°48	18°36	11°52	26°11	24°58	11°23	25°58	8°31	6°49	8°16	18°23	28°38	F 24
S 25	14 11 35	4°42'05	17°29	15°30	19°27	12°38	26°24	24°56	11°27	25°57	8°32	6°45	8°13	18°30	28°39	S 25
S 26	14 15 32	5°40'33	29°46	17°13	20°18	13°24	26°37	24°54	11°30	25°56	8°33	6°40	8° 9	18°37	28°40	S 26
M27	14 19 28	6°38'58	11♎53	18°57	21° 9	14°10	26°49	24°52	11°34	25°55	8°35	6°34	8° 6	18°43	28°40	M27
T 28	14 23 25	7°37'22	23°52	20°44	22° 2	14°56	27° 2	24°50	11°37	25°53	8°36	6°29	8° 3	18°50	28°41	T 28
W29	14 27 22	8°35'44	5♏46	22°32	22°55	15°43	27°15	24°47	11°41	25°52	8°37	6°25	8° 0	18°57	28°42	W29
T 30	14 31 18	9♉34'04	17♏36	24♈22	23♓48	16♈29	27♓27	24♐45	11♉44	25♍51	8♉39	6♐23	7♐57	19♏ 3	28♑42	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n24	13s30	3s19	7s42	1s19	6s 0	4n25	3s21	1s 2	4s29	1s 0	21s53	1n28	14n28	0s24	2n33	1n16	1s 9	16s 9	21s35	21s52	18s33	13s56	6n45
T 2	4 48	16 47	2 27	7 30	1 28	6 2	4 14	3 2	1 2	4 24	1 0	21 53	1 28	14 29	0 24	2 33	1 16	1 9	16 9	21 34	21 51	18 34	13 55	6 46
F 3	5 11	19 21	1 29	7 15	1 36	6 3	4 3	2 43	1 2	4 18	1 0	21 53	1 28	14 30	0 24	2 34	1 16	1 8	16 9	21 33	21 51	18 35	13 54	6 46
S 4	5 34	21 5	0 27	6 59	1 44	6 3	3 52	2 24	1 1	4 13	1 0	21 53	1 28	14 31	0 24	2 34	1 16	1 8	16 9	21 33	21 50	18 36	13 53	6 47
S 5	5 56	21 54	0n37	6 41	1 51	6 3	3 41	2 5	1 1	4 7	1 0	21 52	1 28	14 32	0 24	2 35	1 16	1 7	16 9	21 33	21 50	18 38	13 52	6 47
M 6	6 19	21 43	1 39	6 22	1 58	6 2	3 30	1 46	1 1	4 2	1 0	21 52	1 28	14 33	0 24	2 36	1 16	1 7	16 8	21 33	21 49	18 39	13 51	6 48
T 7	6 42	20 31	2 39	6 1	2 4	6 0	3 20	1 28	1 1	3 57	1 0	21 52	1 28	14 34	0 24	2 36	1 16	1 6	16 8	21 33	21 49	18 40	13 50	6 49
W 8	7 4	18 20	3 32	5 39	2 10	5 57	3 9	1 9	1 0	3 51	1 0	21 52	1 28	14 35	0 24	2 37	1 16	1 6	16 8	21 33	21 48	18 41	13 49	6 49
T 9	7 27	15 13	4 16	5 15	2 15	5 54	2 59	0 50	1 0	3 46	1 1	21 52	1 28	14 36	0 24	2 37	1 16	1 5	16 8	21 33	21 48	18 42	13 48	6 50
F 10	7 49	11 16	4 49	4 50	2 20	5 50	2 49	0 31	1 0	3 41	1 1	21 52	1 28	14 37	0 24	2 38	1 16	1 5	16 8	21 32	21 47	18 43	13 47	6 50
S 11	8 11	6 37	5 6	4 24	2 24	5 45	2 39	0 12	0 59	3 35	1 1	21 52	1 28	14 38	0 24	2 39	1 16	1 4	16 8	21 32	21 47	18 44	13 46	6 51
S 12	8 33	1 29	5 7	3 56	2 27	5 40	2 29	0n 7	0 59	3 30	1 1	21 52	1 29	14 39	0 24	2 39	1 16	1 4	16 8	21 31	21 46	18 46	13 45	6 51
M13	8 55	3n54	4 47	3 26	2 30	5 34	2 19	0 26	0 59	3 25	1 1	21 52	1 29	14 40	0 24	2 40	1 16	1 3	16 8	21 29	21 46	18 47	13 45	6 52
T 14	9 17	9 12	4 9	2 56	2 33	5 27	2 10	0 44	0 58	3 20	1 1	21 52	1 29	14 41	0 24	2 40	1 16	1 3	16 7	21 28	21 45	18 48	13 44	6 52
W15	9 39	14 0	3 12	2 24	2 34	5 20	2 1	1 3	0 58	3 14	1 1	21 52	1 29	14 42	0 24	2 41	1 16	1 2	16 7	21 27	21 45	18 49	13 43	6 53
T 16	10 0	17 56	2 2	1 52	2 36	5 12	1 51	1 22	0 58	3 9	1 1	21 51	1 29	14 43	0 24	2 41	1 16	1 2	16 7	21 27	21 44	18 50	13 42	6 53
F 17	10 21	20 36	0 43	1 18	2 37	5 4	1 42	1 41	0 58	3 4	1 2	21 51	1 29	14 44	0 24	2 42	1 16	1 1	16 7	21 26	21 44	18 51	13 41	6 54
S 18	10 42	21 49	0s37	0 42	2 37	4 55	1 34	1 59	0 57	2 59	1 2	21 51	1 29	14 45	0 24	2 42	1 16	1 1	16 7	21 26	21 43	18 52	13 40	6 55
S 19	11 3	21 31	1 54	0 6	2 37	4 45	1 25	2 18	0 57	2 54	1 2	21 51	1 29	14 46	0 24	2 43	1 16	1 0	16 7	21 27	21 43	18 53	13 39	6 55
M20	11 24	19 51	3 1	0n31	2 36	4 35	1 17	2 37	0 56	2 48	1 2	21 51	1 29	14 47	0 24	2 44	1 16	1 0	16 7	21 27	21 42	18 54	13 39	6 56
T 21	11 45	17 4	3 56	1 9	2 35	4 24	1 8	2 55	0 56	2 43	1 2	21 51	1 29	14 48	0 24	2 44	1 16	0 59	16 7	21 27	21 42	18 55	13 38	6 56
W22	12 5	13 28	4 37	1 49	2 33	4 13	1 0	3 14	0 56	2 38	1 2	21 51	1 29	14 50	0 24	2 45	1 16	0 59	16 7	21 27	21 41	18 56	13 37	6 57
T 23	12 25	9 18	5 2	2 29	2 31	4 2	0 52	3 32	0 55	2 33	1 2	21 51	1 29	14 51	0 24	2 45	1 16	0 58	16 7	21 27	21 41	18 57	13 36	6 57
F 24	12 45	4 49	5 12	3 10	2 28	3 49	0 44	3 51	0 55	2 28	1 2	21 50	1 29	14 52	0 24	2 45	1 16	0 58	16 7	21 26	21 40	18 59	13 36	6 58
S 25	13 5	0 14	5 7	3 52	2 25	3 37	0 37	4 9	0 55	2 23	1 3	21 50	1 29	14 53	0 24	2 46	1 16	0 57	16 7	21 25	21 40	19 0	13 35	6 59
S 26	13 24	4s18	4 47	4 35	2 21	3 23	0 29	4 27	0 54	2 18	1 3	21 50	1 29	14 54	0 24	2 46	1 16	0 57	16 7	21 25	21 39	19 1	13 34	6 59
M27	13 44	8 37	4 15	5 19	2 17	3 10	0 22	4 45	0 54	2 13	1 3	21 50	1 29	14 55	0 24	2 47	1 16	0 57	16 7	21 24	21 39	19 2	13 34	7 0
T 28	14 3	12 33	3 32	6 3	2 12	2 56	0 15	5 4	0 53	2 9	1 3	21 50	1 30	14 56	0 24	2 47	1 16	0 56	16 7	21 23	21 38	19 3	13 33	7 0
W29	14 22	15 57	2 40	6 48	2 6	2 41	0 8	5 22	0 53	2 4	1 3	21 50	1 30	14 57	0 24	2 48	1 16	0 56	16 7	21 22	21 38	19 4	13 32	7 1
T 30	14n40	18s41	1s41	7n34	2s 1	2s26	0n 2	5n40	0s53	1s59	1s 3	21s50	1n30	14n58	0s24	2n48	1n16	0s55	16s 7	21s22	21s37	19s 5	13s32	7n 1

Julian Day Number = 2489985.5, Delta T = 95.66 sec
Ecliptic obliquity = 23°25'30, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°12'39, Lahiri = 25°19'39

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ASTRODIENST EPHEMERIS for the year 2105
geocentric

MAY 2105 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 35 15	10♉32'22	29♏23	26♈13	24♓42	17♈15	27♓40	24°R43	11♉48	25°R50	8♉40	6°R21	7♐54	19♏10	28♑42	F 1
S 2	14 39 11	11°30'39	11♐12	28° 6	25°37	18° 1	27°52	24♐40	11°51	25♍49	8°41	6°D21	7°50	19°17	28°43	S 2
S 3	14 43 8	12°28'54	23° 4	0♉ 1	26°32	18°47	28° 5	24°37	11°54	25°48	8°43	6♐22	7°47	19°23	28°43	S 3
M 4	14 47 4	13°27'08	5♑ 2	1°58	27°28	19°33	28°17	24°35	11°58	25°47	8°44	6°24	7°44	19°30	28°43	M 4
T 5	14 51 1	14°25'19	17°11	3°56	28°24	20°18	28°29	24°32	12° 1	25°46	8°46	6°25	7°41	19°37	28°R43	T 5
W 6	14 54 57	15°23'30	29°34	5°56	29°20	21° 4	28°41	24°29	12° 5	25°45	8°47	6°27	7°38	19°43	28°43	W 6
T 7	14 58 54	16°21'39	12♒15	7°58	0♈17	21°50	28°53	24°26	12° 8	25°44	8°48	6°R27	7°35	19°50	28°43	T 7
F 8	15 2 51	17°19'46	25°20	10° 1	1°15	22°36	29° 5	24°23	12°12	25°43	8°50	6°27	7°31	19°57	28°43	F 8
S 9	15 6 47	18°17'52	8♓49	12° 6	2°13	23°21	29°17	24°20	12°15	25°42	8°51	6°26	7°28	20° 3	28°43	S 9
S 10	15 10 44	19°15'57	22°46	14°12	3°11	24° 7	29°29	24°17	12°19	25°41	8°52	6°25	7°25	20°10	28°42	S 10
M11	15 14 40	20°14'00	7♈ 9	16°20	4°10	24°53	29°40	24°14	12°22	25°41	8°54	6°23	7°22	20°16	28°42	M11
T 12	15 18 37	21°12'02	21°55	18°28	5° 9	25°38	29°52	24°10	12°26	25°40	8°55	6°21	7°19	20°23	28°41	T 12
W13	15 22 33	22°10'03	6♉58	20°38	6° 8	26°24	0♈ 4	24° 7	12°29	25°39	8°56	6°19	7°15	20°30	28°41	W13
T 14	15 26 30	23° 8'02	22° 9	22°48	7° 8	27° 9	0°15	24° 3	12°32	25°38	8°58	6°18	7°12	20°36	28°40	T 14
F 15	15 30 26	24° 5'59	7♊20	24°58	8° 8	27°55	0°26	24° 0	12°36	25°38	8°59	6°D18	7° 9	20°43	28°40	F 15
S 16	15 34 23	25° 3'56	22°20	27°10	9° 9	28°40	0°38	23°56	12°39	25°37	9° 0	6°18	7° 6	20°50	28°39	S 16
S 17	15 38 20	26° 1'50	7♋ 2	29°21	10°10	29°26	0°49	23°53	12°43	25°36	9° 2	6°19	7° 3	20°56	28°38	S 17
M18	15 42 16	26°59'43	21°21	1♊31	11°11	0♉11	1° 0	23°49	12°46	25°36	9° 3	6°20	7° 0	21° 3	28°37	M18
T 19	15 46 13	27°57'34	5♌14	3°41	12°12	0°56	1°11	23°45	12°49	25°35	9° 4	6°20	6°56	21°10	28°36	T 19
W20	15 50 9	28°55'23	18°40	5°51	13°14	1°41	1°22	23°42	12°53	25°35	9° 6	6°21	6°53	21°16	28°35	W20
T 21	15 54 6	29°53'10	1♍43	7°59	14°16	2°26	1°32	23°38	12°56	25°34	9° 7	6°R21	6°50	21°23	28°34	T 21
F 22	15 58 2	0♊50'56	14°24	10° 6	15°18	3°11	1°43	23°34	12°59	25°33	9° 8	6°21	6°47	21°30	28°33	F 22
S 23	16 1 59	1°48'40	26°47	12°11	16°20	3°56	1°53	23°30	13° 3	25°33	9°10	6°20	6°44	21°36	28°31	S 23
S 24	16 5 55	2°46'23	8♎56	14°15	17°23	4°41	2° 4	23°26	13° 6	25°33	9°11	6°20	6°41	21°43	28°30	S 24
M25	16 9 52	3°44'04	20°55	16°16	18°26	5°26	2°14	23°22	13° 9	25°32	9°12	6°20	6°37	21°50	28°28	M25
T 26	16 13 49	4°41'43	2♏48	18°15	19°29	6°11	2°24	23°18	13°13	25°32	9°13	6°19	6°34	21°56	28°27	T 26
W27	16 17 45	5°39'21	14°36	20°12	20°32	6°56	2°34	23°14	13°16	25°31	9°15	6°19	6°31	22° 3	28°25	W27
T 28	16 21 42	6°36'58	26°24	22° 6	21°36	7°41	2°44	23°10	13°19	25°31	9°16	6°D19	6°28	22°10	28°24	T 28
F 29	16 25 38	7°34'34	8♐14	23°58	22°40	8°26	2°54	23° 6	13°22	25°31	9°17	6°R19	6°25	22°16	28°22	F 29
S 30	16 29 35	8°32'08	20° 7	25°47	23°44	9°10	3° 4	23° 1	13°26	25°31	9°18	6°19	6°21	22°23	28°20	S 30
S 31	16 33 31	9♊29'42	2♑ 6	27♊33	24♈48	9♉55	3♈14	22♐57	13♉29	25♍30	9♉20	6♐19	6♐18	22♏29	28♑18	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	14n58	20s38	0s38	8n20	1s54	2s11	0s 5	5n58	0s52	1s54	1s 3	21s50	1n30	14n59	0s24	2n49	1n15	0s55	16s 7	21s21	21s37	19s 6	13s31	7n 2	
S 2	15 17	21 40	0n27	9 7	1 47	1 55	0 11	6 16	0 52	1 49	1 4	21 49	1 30	15 0	0 24	2 49	1 15	0 54	16 7	21 21	21 36	19 7	13 30	7 3	
S 3	15 34	21 44	1 31	9 55	1 40	1 39	0 18	6 34	0 51	1 44	1 4	21 49	1 30	15 1	0 24	2 49	1 15	0 54	16 7	21 22	21 36	19 8	13 30	7 3	
M 4	15 52	20 48	2 32	10 42	1 32	1 22	0 24	6 51	0 51	1 40	1 4	21 49	1 30	15 2	0 24	2 50	1 15	0 54	16 7	21 22	21 35	19 9	13 29	7 4	
T 5	16 9	18 54	3 27	11 30	1 24	1 5	0 30	7 9	0 50	1 35	1 4	21 49	1 30	15 3	0 24	2 50	1 15	0 53	16 7	21 22	21 35	19 10	13 29	7 4	
W 6	16 26	16 6	4 13	12 18	1 16	0 48	0 35	7 27	0 50	1 30	1 4	21 49	1 30	15 4	0 24	2 50	1 15	0 53	16 7	21 22	21 34	19 11	13 28	7 5	
T 7	16 43	12 29	4 49	13 6	1 7	0 31	0 41	7 44	0 50	1 26	1 4	21 49	1 30	15 6	0 24	2 51	1 15	0 52	16 7	21 22	21 34	19 12	13 27	7 5	
F 8	17 0	8 12	5 10	13 54	0 57	0 13	0 46	8 2	0 49	1 21	1 5	21 48	1 30	15 7	0 24	2 51	1 15	0 52	16 7	21 22	21 33	19 13	13 27	7 6	
S 9	17 16	3 22	5 16	14 42	0 48	0n 6	0 51	8 19	0 49	1 17	1 5	21 48	1 30	15 8	0 24	2 51	1 15	0 52	16 7	21 22	21 33	19 14	13 26	7 6	
S 10	17 32	1n47	5 4	15 29	0 38	0 24	0 57	8 36	0 48	1 12	1 5	21 48	1 30	15 9	0 24	2 52	1 15	0 51	16 7	21 22	21 32	19 15	13 26	7 7	
M11	17 48	7 0	4 32	16 16	0 28	0 43	1 2	8 53	0 48	1 8	1 5	21 48	1 30	15 10	0 24	2 52	1 15	0 51	16 7	21 22	21 32	19 16	13 26	7 8	
T 12	18 3	11 58	3 42	17 2	0 17	1 2	1 6	9 10	0 47	1 3	1 5	21 48	1 30	15 11	0 24	2 52	1 15	0 51	16 7	21 21	21 31	19 17	13 25	7 8	
W13	18 18	16 17	2 36	17 47	0 7	1 21	1 11	9 27	0 47	0 59	1 6	21 48	1 30	15 12	0 24	2 53	1 15	0 50	16 7	21 21	21 30	19 18	13 25	7 9	
T 14	18 33	19 33	1 18	18 31	0n 4	1 41	1 15	9 44	0 46	0 54	1 6	21 48	1 30	15 13	0 24	2 53	1 15	0 50	16 7	21 21	21 30	19 19	13 24	7 9	
F 15	18 47	21 26	0s 6	19 14	0 14	2 0	1 20	10 1	0 46	0 50	1 6	21 47	1 30	15 14	0 24	2 53	1 15	0 50	16 7	21 21	21 29	19 20	13 24	7 10	
S 16	19 1	21 44	1 28	19 55	0 25	2 20	1 24	10 18	0 45	0 46	1 6	21 47	1 30	15 15	0 24	2 53	1 15	0 49	16 7	21 21	21 29	19 21	13 23	7 10	
S 17	19 15	20 32	2 43	20 34	0 35	2 40	1 28	10 34	0 45	0 41	1 6	21 47	1 30	15 16	0 24	2 54	1 15	0 49	16 7	21 21	21 28	19 22	13 23	7 11	
M18	19 28	18 2	3 45	21 11	0 45	3 1	1 32	10 50	0 44	0 37	1 6	21 47	1 30	15 17	0 24	2 54	1 15	0 49	16 7	21 21	21 28	19 23	13 23	7 11	
T 19	19 42	14 33	4 32	21 47	0 55	3 21	1 35	11 7	0 44	0 33	1 7	21 47	1 30	15 18	0 24	2 54	1 15	0 48	16 7	21 21	21 27	19 23	13 22	7 12	
W20	19 54	10 25	5 3	22 20	1 4	3 42	1 39	11 23	0 43	0 29	1 7	21 46	1 30	15 19	0 24	2 54	1 15	0 48	16 7	21 21	21 27	19 24	13 22	7 12	
T 21	20 7	5 55	5 17	22 50	1 13	4 3	1 42	11 39	0 43	0 25	1 7	21 46	1 30	15 20	0 24	2 54	1 15	0 48	16 7	21 21	21 26	19 25	13 22	7 13	
F 22	20 19	1 18	5 15	23 18	1 22	4 24	1 46	11 55	0 42	0 21	1 7	21 46	1 30	15 21	0 24	2 55	1 15	0 47	16 8	21 21	21 26	19 26	13 22	7 13	
S 23	20 31	3s17	4 58	23 43	1 30	4 45	1 49	12 10	0 41	0 17	1 7	21 46	1 30	15 22	0 24	2 55	1 15	0 47	16 8	21 21	21 25	19 27	13 21	7 14	
S 24	20 42	7 39	4 28	24 6	1 37	5 6	1 52	12 26	0 41	0 13	1 8	21 46	1 30	15 23	0 24	2 55	1 15	0 47	16 8	21 21	21 25	19 28	13 21	7 14	
M25	20 53	11 39	3 47	24 26	1 44	5 27	1 55	12 42	0 40	0 9	1 8	21 46	1 30	15 24	0 24	2 55	1 15	0 47	16 8	21 21	21 24	19 29	13 21	7 15	
T 26	21 4	15 11	2 56	24 44	1 50	5 49	1 57	12 57	0 40	0 5	1 8	21 45	1 30	15 25	0 24	2 55	1 15	0 46	16 8	21 21	21 24	19 30	13 21	7 15	
W27	21 14	18 5	1 58	24 59	1 55	6 10	2 0	13 12	0 39	0 1	1 8	21 45	1 30	15 26	0 24	2 55	1 15	0 46	16 8	21 21	21 23	19 31	13 20	7 16	
T 28	21 24	20 14	0 55	25 11	2 0	6 31	2 2	13 27	0 39	0n 3	1 8	21 45	1 30	15 27	0 24	2 55	1 15	0 46	16 8	21 21	21 22	19 32	13 20	7 16	
F 29	21 34	21 29	0n11	25 21	2 4	6 53	2 5	13 42	0 38	0 6	1 9	21 45	1 30	15 28	0 24	2 55	1 15	0 46	16 8	21 21	21 22	19 33	13 20	7 17	
S 30	21 43	21 48	1 16	25 28	2 7	7 15	2 7	13 57	0 37	0 10	1 9	21 45	1 30	15 29	0 24	2 56	1 15	0 45	16 9	21 21	21 21	19 33	13 20	7 17	
S 31	21n52	21s 6	2n18	25n33	2n 9	7n36	2s 9	14n12	0s37	0n14	1s 9	21s44	1n30	15n30	0s24	2n56	1n15	0s45	16s 9	21s21	21s21	19s34	13s20	7n18	

Julian Day Number = 2490015.5, Delta T = 95.70 sec
Ecliptic obliquity = 23°25'29, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°12'43, Lahiri = 25°19'43

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ASTRODIENST EPHEMERIS for the year 2105
geocentric

JUNE 2105 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 37 28	10♊27'14	14♉13	29♊17	25♈52	10♉39	3♈23	22°R53	13♉32	25°R30	9♉21	6°R18	6♐15	22♏36	28°R17	M 1
T 2	16 41 25	11°24'46	26°31	0♋58	26°57	11°24	3°33	22♐49	13°35	25♍30	9°22	6♐18	6°12	22°43	28♉15	T 2
W 3	16 45 21	12°22'16	9♒ 2	2°35	28° 2	12° 8	3°42	22°44	13°38	25°30	9°23	6°17	6° 9	22°49	28°13	W 3
T 4	16 49 18	13°19'46	21°49	4°10	29° 7	12°53	3°51	22°40	13°41	25°30	9°24	6°17	6° 6	22°56	28°10	T 4
F 5	16 53 14	14°17'15	4♓54	5°42	0♉12	13°37	4° 0	22°36	13°45	25°30	9°26	6°16	6° 2	23° 3	28° 8	F 5
S 6	16 57 11	15°14'43	18°20	7°11	1°18	14°21	4° 9	22°31	13°48	25°D30	9°27	6°D16	5°59	23° 9	28° 6	S 6
S 7	17 1 7	16°12'10	2♈ 7	8°37	2°23	15° 6	4°18	22°27	13°51	25°30	9°28	6°16	5°56	23°16	28° 4	S 7
M 8	17 5 4	17° 9'37	16°17	10° 0	3°29	15°50	4°27	22°22	13°54	25°30	9°29	6°17	5°53	23°23	28° 1	M 8
T 9	17 9 0	18° 7'03	0♉47	11°20	4°35	16°34	4°35	22°18	13°57	25°30	9°30	6°18	5°50	23°29	27°59	T 9
W10	17 12 57	19° 4'29	15°35	12°36	5°41	17°18	4°43	22°14	14° 0	25°30	9°31	6°19	5°46	23°36	27°57	W10
T 11	17 16 54	20° 1'54	0♊34	13°50	6°47	18° 2	4°52	22° 9	14° 3	25°30	9°32	6°R19	5°43	23°43	27°54	T 11
F 12	17 20 50	20°59'18	15°37	15° 0	7°53	18°46	5° 0	22° 5	14° 6	25°30	9°33	6°19	5°40	23°49	27°51	F 12
S 13	17 24 47	21°56'42	0♋35	16° 7	9° 0	19°30	5° 8	22° 0	14° 9	25°30	9°34	6°18	5°37	23°56	27°49	S 13
S 14	17 28 43	22°54'05	15°20	17°11	10° 6	20°14	5°16	21°56	14°11	25°31	9°36	6°17	5°34	24° 3	27°46	S 14
M15	17 32 40	23°51'27	29°45	18°11	11°13	20°57	5°23	21°51	14°14	25°31	9°37	6°15	5°31	24° 9	27°43	M15
T 16	17 36 36	24°48'48	13♌46	19° 8	12°20	21°41	5°31	21°47	14°17	25°31	9°38	6°12	5°27	24°16	27°41	T 16
W17	17 40 33	25°46'08	27°19	20° 1	13°27	22°25	5°38	21°43	14°20	25°32	9°39	6°10	5°24	24°22	27°38	W17
T 18	17 44 29	26°43'27	10♍27	20°50	14°34	23° 8	5°46	21°38	14°23	25°32	9°40	6° 8	5°21	24°29	27°35	T 18
F 19	17 48 26	27°40'45	23°11	21°36	15°41	23°52	5°53	21°34	14°25	25°32	9°41	6°D 8	5°18	24°36	27°32	F 19
S 20	17 52 23	28°38'03	5♎34	22°18	16°49	24°35	6° 0	21°29	14°28	25°33	9°42	6° 8	5°15	24°42	27°29	S 20
S 21	17 56 19	29°35'19	17°41	22°56	17°56	25°19	6° 6	21°25	14°31	25°33	9°43	6° 9	5°12	24°49	27°26	S 21
M22	18 0 16	0♏32'35	29°38	23°30	19° 4	26° 2	6°13	21°21	14°33	25°34	9°43	6°10	5° 8	24°56	27°23	M22
T 23	18 4 12	1°29'50	11♏27	23°59	20°11	26°45	6°20	21°16	14°36	25°34	9°44	6°12	5° 5	25° 2	27°20	T 23
W24	18 8 9	2°27'05	23°15	24°24	21°19	27°28	6°26	21°12	14°39	25°35	9°45	6°13	5° 2	25° 9	27°17	W24
T 25	18 12 5	3°24'19	5♐ 4	24°45	22°27	28°12	6°32	21° 8	14°41	25°35	9°46	6°R14	4°59	25°16	27°14	T 25
F 26	18 16 2	4°21'33	16°58	25° 2	23°35	28°55	6°38	21° 3	14°44	25°36	9°47	6°13	4°56	25°22	27°11	F 26
S 27	18 19 58	5°18'46	28°59	25°13	24°43	29°38	6°44	20°59	14°46	25°37	9°48	6°12	4°53	25°29	27° 7	S 27
S 28	18 23 55	6°15'59	11♑ 9	25°21	25°51	0♊21	6°50	20°55	14°49	25°37	9°49	6° 8	4°49	25°36	27° 4	S 28
M29	18 27 52	7°13'11	23°31	25°R23	27° 0	1° 4	6°55	20°51	14°51	25°38	9°50	6° 4	4°46	25°42	27° 1	M29
T 30	18 31 48	8♋10'23	6♒ 5	25♋21	28♉ 8	1♊46	7♈ 1	20♐47	14♉53	25♍39	9♉50	5♐59	4♐43	25♏49	26♑57	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 0	19s26	3n16	25n35	2n10	7n58	2s11	14n26	0s36	0n17	1s 9	21s44	1n30	15n31	0s24	2n56	1n15	0s45	16s 9	21s21	21s20	19s35	13s20	7n18
T 2	22 8	16 50	4 4	25 36	2 11	8 19	2 12	14 41	0 36	0 21	1 10	21 44	1 30	15 32	0 24	2 56	1 15	0 45	16 9	21 21	21 20	19 36	13 20	7 19
W 3	22 16	13 26	4 42	25 34	2 11	8 41	2 14	14 55	0 35	0 24	1 10	21 44	1 30	15 33	0 24	2 56	1 15	0 45	16 9	21 21	21 19	19 37	13 20	7 19
T 4	22 23	9 22	5 7	25 31	2 10	9 2	2 15	15 9	0 34	0 28	1 10	21 44	1 30	15 34	0 24	2 56	1 15	0 44	16 9	21 21	21 19	19 38	13 20	7 20
F 5	22 30	4 47	5 17	25 26	2 8	9 24	2 17	15 23	0 34	0 31	1 10	21 44	1 30	15 35	0 24	2 56	1 14	0 44	16 9	21 20	21 18	19 39	13 20	7 20
S 6	22 37	0n 9	5 10	25 19	2 5	9 45	2 18	15 36	0 33	0 34	1 10	21 43	1 30	15 36	0 24	2 56	1 14	0 44	16 10	21 20	21 18	19 40	13 20	7 21
S 7	22 43	5 13	4 46	25 10	2 2	10 7	2 19	15 50	0 33	0 38	1 11	21 43	1 30	15 36	0 24	2 56	1 14	0 44	16 10	21 21	21 17	19 40	13 20	7 21
M 8	22 48	10 8	4 3	25 0	1 58	10 28	2 20	16 3	0 32	0 41	1 11	21 43	1 30	15 37	0 24	2 56	1 14	0 44	16 10	21 21	21 16	19 41	13 20	7 21
T 9	22 54	14 37	3 5	24 49	1 53	10 49	2 21	16 17	0 31	0 44	1 11	21 43	1 29	15 38	0 24	2 56	1 14	0 43	16 10	21 21	21 16	19 42	13 20	7 22
W10	22 59	18 17	1 53	24 36	1 47	11 11	2 22	16 30	0 31	0 47	1 11	21 43	1 29	15 39	0 24	2 55	1 14	0 43	16 10	21 21	21 15	19 43	13 20	7 22
T 11	23 3	20 47	0 32	24 23	1 41	11 32	2 22	16 43	0 30	0 50	1 12	21 42	1 29	15 40	0 24	2 55	1 14	0 43	16 11	21 21	21 15	19 44	13 20	7 23
F 12	23 7	21 48	0s51	24 8	1 34	11 52	2 23	16 55	0 30	0 53	1 12	21 42	1 29	15 41	0 24	2 55	1 14	0 43	16 11	21 21	21 14	19 45	13 20	7 23
S 13	23 11	21 15	2 10	23 52	1 26	12 13	2 23	17 8	0 29	0 56	1 12	21 42	1 29	15 42	0 24	2 55	1 14	0 43	16 11	21 21	21 14	19 45	13 20	7 23
S 14	23 14	19 14	3 20	23 36	1 17	12 34	2 24	17 20	0 28	0 59	1 12	21 42	1 29	15 43	0 24	2 55	1 14	0 43	16 11	21 21	21 13	19 46	13 20	7 24
M15	23 17	16 3	4 14	23 19	1 8	12 54	2 24	17 32	0 28	1 2	1 13	21 42	1 29	15 43	0 24	2 55	1 14	0 43	16 11	21 20	21 13	19 47	13 21	7 24
T 16	23 19	12 1	4 52	23 1	0 58	13 14	2 24	17 44	0 27	1 4	1 13	21 41	1 29	15 44	0 24	2 55	1 14	0 43	16 12	21 20	21 12	19 48	13 21	7 24
W17	23 21	7 30	5 12	22 43	0 47	13 35	2 24	17 56	0 26	1 7	1 13	21 41	1 29	15 45	0 24	2 55	1 14	0 43	16 12	21 19	21 11	19 49	13 21	7 25
T 18	23 23	2 47	5 15	22 24	0 36	13 54	2 24	18 8	0 26	1 10	1 13	21 41	1 29	15 46	0 24	2 54	1 14	0 42	16 12	21 19	21 11	19 49	13 21	7 25
F 19	23 24	1s55	5 2	22 5	0 24	14 14	2 24	18 19	0 25	1 12	1 14	21 41	1 29	15 47	0 24	2 54	1 14	0 42	16 12	21 19	21 10	19 50	13 21	7 25
S 20	23 25	6 25	4 35	21 46	0 11	14 33	2 23	18 31	0 24	1 15	1 14	21 41	1 29	15 47	0 24	2 54	1 14	0 42	16 12	21 19	21 10	19 51	13 22	7 26
S 21	23 25	10 35	3 57	21 27	0s 2	14 53	2 23	18 42	0 24	1 17	1 14	21 40	1 29	15 48	0 24	2 54	1 14	0 42	16 13	21 19	21 9	19 52	13 22	7 26
M22	23 25	14 16	3 8	21 8	0 15	15 12	2 22	18 53	0 23	1 20	1 14	21 40	1 28	15 49	0 24	2 54	1 14	0 42	16 13	21 19	21 9	19 52	13 22	7 26
T 23	23 25	17 21	2 12	20 49	0 30	15 30	2 22	19 4	0 22	1 22	1 15	21 40	1 28	15 50	0 24	2 53	1 14	0 42	16 13	21 20	21 8	19 53	13 22	7 27
W24	23 24	19 43	1 11	20 30	0 44	15 49	2 21	19 14	0 22	1 24	1 15	21 40	1 28	15 51	0 24	2 53	1 14	0 42	16 13	21 20	21 7	19 54	13 23	7 27
T 25	23 23	21 14	0 6	20 11	0 59	16 7	2 20	19 24	0 21	1 26	1 15	21 40	1 28	15 51	0 24	2 53	1 14	0 42	16 14	21 20	21 7	19 55	13 23	7 27
F 26	23 21	21 49	0n59	19 53	1 15	16 25	2 19	19 35	0 20	1 29	1 16	21 40	1 28	15 52	0 24	2 53	1 14	0 42	16 14	21 20	21 6	19 56	13 23	7 27
S 27	23 19	21 24	2 2	19 36	1 30	16 42	2 18	19 45	0 19	1 31	1 16	21 39	1 28	15 53	0 24	2 52	1 14	0 42	16 14	21 20	21 6	19 56	13 24	7 28
S 28	23 17	19 58	3 0	19 19	1 46	16 59	2 17	19 54	0 19	1 33	1 16	21 39	1 28	15 53	0 24	2 52	1 14	0 42	16 14	21 19	21 5	19 57	13 24	7 28
M29	23 14	17 36	3 50	19 3	2 2	17 16	2 16	20 4	0 18	1 35	1 16	21 39	1 28	15 54	0 24	2 52	1 14	0 42	16 15	21 18	21 5	19 58	13 24	7 28
T 30	23n10	14s22	4n31	18n47	2s18	17n33	2s15	20n13	0s17	1n36	1s17	21s39	1n28	15n55	0s24	2n51	1n14	0s42	16s15	21s17	21s 4	19s58	13s25	7n28

Julian Day Number = 2490046.5, Delta T = 95.74 sec
Ecliptic obliquity = 23°25'28, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°12'47, Lahiri = 25°19'48

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ASTRODIENST EPHEMERIS for the year 2105
geocentric

JULY 2105 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 35 45	9♋ 7'36	18♒51	25°R15	29♉17	2♊29	7♈ 6	20°R43	14♉56	25♍40	9♉51	5°R53	4♐40	25♏56	26°R54	W 1
T 2	18 39 41	10° 4'48	1♓51	25♋ 4	0♊25	3°12	7°11	20♐39	14°58	25°40	9°52	5♐49	4°37	26° 2	26♑51	T 2
F 3	18 43 38	11° 2'00	15° 6	24°49	1°34	3°55	7°16	20°35	15° 0	25°41	9°53	5°45	4°33	26° 9	26°47	F 3
S 4	18 47 34	11°59'12	28°35	24°29	2°43	4°37	7°20	20°31	15° 3	25°42	9°53	5°42	4°30	26°15	26°44	S 4
S 5	18 51 31	12°56'25	12♈19	24° 6	3°52	5°20	7°25	20°27	15° 5	25°43	9°54	5°D42	4°27	26°22	26°40	S 5
M 6	18 55 27	13°53'37	26°19	23°39	5° 1	6° 2	7°29	20°23	15° 7	25°44	9°55	5°42	4°24	26°29	26°37	M 6
T 7	18 59 24	14°50'50	10♉34	23° 9	6°10	6°45	7°33	20°19	15° 9	25°45	9°56	5°43	4°21	26°35	26°33	T 7
W 8	19 3 21	15°48'04	25° 2	22°37	7°19	7°27	7°37	20°15	15°11	25°46	9°56	5°45	4°18	26°42	26°30	W 8
T 9	19 7 17	16°45'18	9♊40	22° 2	8°28	8° 9	7°41	20°11	15°13	25°47	9°57	5°R45	4°14	26°49	26°26	T 9
F 10	19 11 14	17°42'32	24°24	21°25	9°38	8°51	7°45	20° 8	15°15	25°48	9°58	5°44	4°11	26°55	26°23	F 10
S 11	19 15 10	18°39'46	9♋ 6	20°47	10°47	9°34	7°48	20° 4	15°17	25°49	9°58	5°40	4° 8	27° 2	26°19	S 11
S 12	19 19 7	19°37'00	23°39	20° 9	11°57	10°16	7°52	20° 0	15°19	25°50	9°59	5°35	4° 5	27° 9	26°16	S 12
M13	19 23 3	20°34'15	7♌58	19°31	13° 6	10°58	7°55	19°57	15°21	25°51	9°59	5°29	4° 2	27°15	26°12	M13
T 14	19 27 0	21°31'29	21°56	18°54	14°16	11°40	7°58	19°53	15°23	25°52	10° 0	5°21	3°59	27°22	26° 9	T 14
W15	19 30 56	22°28'44	5♍31	18°19	15°26	12°21	8° 0	19°50	15°25	25°54	10° 0	5°14	3°55	27°29	26° 5	W15
T 16	19 34 53	23°25'59	18°40	17°45	16°36	13° 3	8° 3	19°47	15°26	25°55	10° 1	5° 8	3°52	27°35	26° 1	T 16
F 17	19 38 50	24°23'13	1♎26	17°14	17°46	13°45	8° 5	19°43	15°28	25°56	10° 1	5° 4	3°49	27°42	25°58	F 17
S 18	19 42 46	25°20'28	13°51	16°47	18°56	14°27	8° 7	19°40	15°30	25°57	10° 2	5° 1	3°46	27°49	25°54	S 18
S 19	19 46 43	26°17'43	25°59	16°23	20° 6	15° 8	8° 9	19°37	15°31	25°59	10° 2	5°D 0	3°43	27°55	25°51	S 19
M20	19 50 39	27°14'58	7♏55	16° 4	21°16	15°50	8°11	19°34	15°33	26° 0	10° 3	5° 1	3°39	28° 2	25°47	M20
T 21	19 54 36	28°12'13	19°44	15°49	22°26	16°31	8°12	19°31	15°35	26° 1	10° 3	5° 2	3°36	28° 8	25°43	T 21
W22	19 58 32	29° 9'28	1♐32	15°40	23°36	17°13	8°14	19°28	15°36	26° 3	10° 4	5°R 3	3°33	28°15	25°40	W22
T 23	20 2 29	0♌ 6'44	13°24	15°D35	24°47	17°54	8°15	19°25	15°38	26° 4	10° 4	5° 3	3°30	28°22	25°36	T 23
F 24	20 6 25	1° 4'00	25°23	15°36	25°57	18°35	8°16	19°23	15°39	26° 5	10° 4	5° 0	3°27	28°28	25°33	F 24
S 25	20 10 22	2° 1'17	7♑33	15°43	27° 7	19°16	8°17	19°20	15°40	26° 7	10° 5	4°56	3°24	28°35	25°29	S 25
S 26	20 14 19	2°58'34	19°56	15°56	28°18	19°57	8°17	19°17	15°42	26° 8	10° 5	4°49	3°20	28°42	25°25	S 26
M27	20 18 15	3°55'51	2♒35	16°14	29°29	20°38	8°18	19°15	15°43	26°10	10° 5	4°41	3°17	28°48	25°22	M27
T 28	20 22 12	4°53'09	15°28	16°39	0♋39	21°19	8°18	19°12	15°44	26°11	10° 6	4°31	3°14	28°55	25°18	T 28
W29	20 26 8	5°50'28	28°36	17° 9	1°50	22° 0	8°R18	19°10	15°45	26°13	10° 6	4°20	3°11	29° 2	25°15	W29
T 30	20 30 5	6°47'47	11♓57	17°46	3° 1	22°41	8°18	19° 8	15°46	26°15	10° 6	4°11	3° 8	29° 8	25°11	T 30
F 31	20 34 1	7♌45'07	25♓30	18♋28	4♋12	23♊22	8♈17	19♐ 6	15♉48	26♍16	10♉ 6	4♐ 3	3♐ 4	29♏15	25♑ 8	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	23n 7	10s26	4n58	18n33	2s34	17n49	2s13	20n22	0s17	1n38	1s17	21s39	1n27	15n56	0s24	2n51	1n14	0s42	16s15	21s17	21s 3	19s59	13s25	7n29	
T 2	23 3	5 58	5 11	18 19	2 50	18 5	2 12	20 31	0 16	1 40	1 17	21 39	1 27	15 56	0 24	2 51	1 14	0 42	16 15	21 16	21 3	20 0	13 26	7 29	
F 3	22 58	1 8	5 8	18 7	3 5	18 20	2 10	20 40	0 15	1 42	1 17	21 38	1 27	15 57	0 24	2 50	1 14	0 42	16 16	21 15	21 2	20 1	13 26	7 29	
S 4	22 53	3n50	4 47	17 55	3 20	18 35	2 9	20 49	0 14	1 43	1 18	21 38	1 27	15 57	0 24	2 50	1 14	0 42	16 16	21 15	21 2	20 1	13 27	7 29	
S 5	22 48	8 43	4 11	17 45	3 35	18 50	2 7	20 57	0 14	1 45	1 18	21 38	1 27	15 58	0 24	2 50	1 13	0 42	16 16	21 14	21 1	20 2	13 27	7 29	
M 6	22 42	13 14	3 18	17 36	3 48	19 4	2 5	21 5	0 13	1 46	1 18	21 38	1 27	15 59	0 24	2 49	1 13	0 42	16 17	21 15	21 1	20 3	13 28	7 29	
T 7	22 36	17 5	2 13	17 29	4 1	19 18	2 3	21 13	0 12	1 48	1 19	21 38	1 27	15 59	0 24	2 49	1 13	0 42	16 17	21 15	21 0	20 3	13 28	7 30	
W 8	22 29	19 57	0 58	17 22	4 13	19 31	2 2	21 21	0 12	1 49	1 19	21 38	1 27	16 0	0 24	2 48	1 13	0 42	16 17	21 15	20 59	20 4	13 29	7 30	
T 9	22 22	21 32	0s21	17 18	4 23	19 44	2 0	21 28	0 11	1 50	1 19	21 38	1 26	16 1	0 24	2 48	1 13	0 43	16 17	21 15	20 59	20 5	13 29	7 30	
F 10	22 15	21 39	1 40	17 14	4 32	19 56	1 58	21 36	0 10	1 51	1 19	21 37	1 26	16 1	0 24	2 47	1 13	0 43	16 18	21 15	20 58	20 6	13 30	7 30	
S 11	22 8	20 16	2 51	17 12	4 40	20 8	1 56	21 43	0 9	1 52	1 20	21 37	1 26	16 2	0 24	2 47	1 13	0 43	16 18	21 14	20 58	20 6	13 30	7 30	
S 12	21 59	17 34	3 50	17 11	4 46	20 20	1 53	21 50	0 9	1 53	1 20	21 37	1 26	16 2	0 24	2 47	1 13	0 43	16 18	21 13	20 57	20 7	13 31	7 30	
M13	21 51	13 51	4 34	17 12	4 51	20 31	1 51	21 57	0 8	1 54	1 20	21 37	1 26	16 3	0 24	2 46	1 13	0 43	16 19	21 12	20 56	20 8	13 31	7 30	
T 14	21 42	9 27	5 0	17 14	4 54	20 42	1 49	22 3	0 7	1 55	1 21	21 37	1 26	16 3	0 24	2 46	1 13	0 43	16 19	21 11	20 56	20 8	13 32	7 30	
W15	21 33	4 42	5 8	17 18	4 55	20 52	1 47	22 9	0 6	1 56	1 21	21 37	1 25	16 4	0 24	2 45	1 13	0 43	16 19	21 10	20 55	20 9	13 32	7 30	
T 16	21 24	0s 7	5 0	17 22	4 55	21 1	1 44	22 15	0 6	1 57	1 21	21 37	1 25	16 4	0 24	2 45	1 13	0 43	16 19	21 9	20 55	20 10	13 33	7 30	
F 17	21 14	4 48	4 37	17 28	4 53	21 10	1 42	22 21	0 5	1 57	1 22	21 37	1 25	16 5	0 24	2 44	1 13	0 43	16 20	21 8	20 54	20 10	13 34	7 30	
S 18	21 3	9 9	4 1	17 35	4 50	21 19	1 39	22 27	0 4	1 58	1 22	21 37	1 25	16 5	0 24	2 44	1 13	0 44	16 20	21 7	20 53	20 11	13 34	7 30	
S 19	20 53	13 3	3 15	17 43	4 44	21 27	1 37	22 32	0 3	1 58	1 22	21 37	1 25	16 6	0 24	2 43	1 13	0 44	16 20	21 7	20 53	20 11	13 35	7 30	
M20	20 42	16 22	2 21	17 51	4 38	21 34	1 34	22 38	0 3	1 59	1 22	21 36	1 25	16 6	0 24	2 42	1 13	0 44	16 21	21 7	20 52	20 12	13 36	7 30	
T 21	20 30	18 58	1 22	18 1	4 30	21 41	1 32	22 43	0 2	1 59	1 23	21 36	1 25	16 7	0 24	2 42	1 13	0 44	16 21	21 7	20 52	20 13	13 36	7 30	
W22	20 19	20 46	0 19	18 11	4 21	21 47	1 29	22 48	0 1	1 59	1 23	21 36	1 24	16 7	0 24	2 41	1 13	0 44	16 21	21 8	20 51	20 13	13 37	7 30	
T 23	20 7	21 39	0n45	18 22	4 11	21 53	1 26	22 52	0 0	2 0	1 23	21 36	1 24	16 7	0 24	2 41	1 13	0 44	16 22	21 8	20 50	20 14	13 38	7 30	
F 24	19 55	21 34	1 47	18 33	4 0	21 58	1 24	22 57	0n 1	2 0	1 24	21 36	1 24	16 8	0 24	2 40	1 13	0 45	16 22	21 7	20 50	20 15	13 38	7 30	
S 25	19 42	20 28	2 45	18 44	3 47	22 3	1 21	23 1	0 1	2 0	1 24	21 36	1 24	16 8	0 24	2 40	1 13	0 45	16 22	21 6	20 49	20 15	13 39	7 30	
S 26	19 29	18 22	3 37	18 55	3 34	22 7	1 18	23 5	0 2	2 0	1 24	21 36	1 24	16 9	0 24	2 39	1 13	0 45	16 23	21 5	20 49	20 16	13 40	7 30	
M27	19 16	15 23	4 18	19 7	3 21	22 10	1 15	23 9	0 3	2 0	1 25	21 36	1 23	16 9	0 24	2 38	1 13	0 45	16 23	21 4	20 48	20 16	13 40	7 30	
T 28	19 2	11 36	4 48	19 18	3 7	22 13	1 13	23 12	0 4	1 59	1 25	21 36	1 23	16 9	0 24	2 38	1 13	0 46	16 23	21 2	20 47	20 17	13 41	7 30	
W29	18 48	7 13	5 2	19 29	2 52	22 15	1 10	23 15	0 4	1 59	1 25	21 36	1 23	16 10	0 24	2 37	1 13	0 46	16 24	21 0	20 47	20 18	13 42	7 30	
T 30	18 34	2 26	5 1	19 39	2 37	22 17	1 7	23 19	0 5	1 59	1 25	21 36	1 23	16 10	0 24	2 36	1 13	0 46	16 24	20 58	20 46	20 18	13 42	7 30	
F 31	18n19	2n33	4n43	19n48	2s22	22n18	1s 4	23n22	0n 6	1n58	1s26	21s36	1n23	16n10	0s24	2n36	1n13	0s46	16s24	20s57	20s46	20s19	13s43	7n30	

Julian Day Number = 2490076.5, Delta T = 95.78 sec
Ecliptic obliquity = 23°25'28, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°12'51, Lahiri = 25°19'52

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ASTRODIENST EPHEMERIS for the year 2105
geocentric

AUGUST 2105 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 58	8♌42'29	9♈13	19♋16	5♋23	24♊ 3	8°R17	19°R 4	15♉49	26♍18	10♉ 7	3°R57	3♐ 1	29♏22	25°R 4	S 1
S 2	20 41 54	9°39'51	23° 4	20°10	6°34	24°43	8♈16	19♐ 1	15°50	26°19	10° 7	3♐54	2°58	29°28	25♑ 1	S 2
M 3	20 45 51	10°37'15	7♉ 3	21°10	7°45	25°24	8°15	19° 0	15°51	26°21	10° 7	3°D53	2°55	29°35	24°58	M 3
T 4	20 49 48	11°34'39	21°10	22°15	8°56	26° 4	8°14	18°58	15°51	26°23	10° 7	3°53	2°52	29°42	24°54	T 4
W 5	20 53 44	12°32'05	5♊22	23°26	10° 8	26°45	8°12	18°56	15°52	26°24	10° 7	3°R53	2°49	29°48	24°51	W 5
T 6	20 57 41	13°29'33	19°39	24°42	11°19	27°25	8°11	18°54	15°53	26°26	10° 7	3°52	2°45	29°55	24°48	T 6
F 7	21 1 37	14°27'01	3♋59	26° 3	12°30	28° 5	8° 9	18°53	15°54	26°28	10° 7	3°50	2°42	0♐ 1	24°44	F 7
S 8	21 5 34	15°24'31	18°16	27°29	13°42	28°45	8° 7	18°51	15°55	26°30	10° 7	3°44	2°39	0° 8	24°41	S 8
S 9	21 9 30	16°22'01	2♌28	29° 0	14°53	29°25	8° 5	18°50	15°55	26°31	10° 7	3°36	2°36	0°15	24°38	S 9
M10	21 13 27	17°19'33	16°29	0♌36	16° 5	0♋ 5	8° 3	18°49	15°56	26°33	10°R 7	3°25	2°33	0°21	24°35	M10
T 11	21 17 23	18°17'06	0♍13	2°15	17°17	0°45	8° 0	18°47	15°56	26°35	10° 7	3°14	2°30	0°28	24°31	T 11
W12	21 21 20	19°14'39	13°39	3°58	18°28	1°25	7°57	18°46	15°57	26°37	10° 7	3° 2	2°26	0°35	24°28	W12
T 13	21 25 17	20°12'14	26°43	5°45	19°40	2° 5	7°54	18°45	15°57	26°39	10° 7	2°52	2°23	0°41	24°25	T 13
F 14	21 29 13	21° 9'50	9♎26	7°35	20°52	2°45	7°51	18°44	15°58	26°41	10° 7	2°44	2°20	0°48	24°22	F 14
S 15	21 33 10	22° 7'26	21°49	9°28	22° 4	3°24	7°48	18°43	15°58	26°42	10° 7	2°38	2°17	0°55	24°19	S 15
S 16	21 37 6	23° 5'04	3♏57	11°23	23°16	4° 4	7°44	18°43	15°58	26°44	10° 7	2°35	2°14	1° 1	24°16	S 16
M17	21 41 3	24° 2'42	15°53	13°20	24°28	4°43	7°41	18°42	15°59	26°46	10° 7	2°33	2°10	1° 8	24°13	M17
T 18	21 44 59	25° 0'22	27°42	15°18	25°40	5°23	7°37	18°41	15°59	26°48	10° 7	2°33	2° 7	1°15	24°11	T 18
W19	21 48 56	25°58'03	9♐31	17°18	26°52	6° 2	7°33	18°41	15°59	26°50	10° 6	2°33	2° 4	1°21	24° 8	W19
T 20	21 52 52	26°55'44	21°24	19°18	28° 4	6°41	7°29	18°41	15°59	26°52	10° 6	2°32	2° 1	1°28	24° 5	T 20
F 21	21 56 49	27°53'27	3♑27	21°19	29°17	7°21	7°24	18°40	15°59	26°54	10° 6	2°29	1°58	1°34	24° 2	F 21
S 22	22 0 46	28°51'11	15°43	23°21	0♌29	8° 0	7°20	18°40	15°R59	26°56	10° 6	2°24	1°55	1°41	24° 0	S 22
S 23	22 4 42	29°48'56	28°17	25°22	1°41	8°39	7°15	18°D40	15°59	26°58	10° 6	2°16	1°51	1°48	23°57	S 23
M24	22 8 39	0♍46'42	11♒10	27°23	2°54	9°18	7°10	18°40	15°59	27° 0	10° 5	2° 5	1°48	1°54	23°54	M24
T 25	22 12 35	1°44'30	24°23	29°23	4° 6	9°56	7° 5	18°40	15°59	27° 2	10° 5	1°53	1°45	2° 1	23°52	T 25
W26	22 16 32	2°42'18	7♓53	1♍23	5°19	10°35	7° 0	18°41	15°59	27° 4	10° 5	1°41	1°42	2° 8	23°49	W26
T 27	22 20 28	3°40'09	21°39	3°22	6°31	11°14	6°54	18°41	15°58	27° 6	10° 4	1°29	1°39	2°14	23°47	T 27
F 28	22 24 25	4°38'01	5♈37	5°20	7°44	11°52	6°49	18°41	15°58	27° 8	10° 4	1°20	1°36	2°21	23°45	F 28
S 29	22 28 21	5°35'54	19°42	7°17	8°57	12°31	6°43	18°42	15°58	27°11	10° 4	1°12	1°32	2°28	23°42	S 29
S 30	22 32 18	6°33'50	3♉51	9°13	10°10	13° 9	6°37	18°42	15°57	27°13	10° 3	1° 8	1°29	2°34	23°40	S 30
M31	22 36 15	7♍31'47	18♉ 0	11♍ 8	11♌22	13♋48	6♈31	18♐43	15♉57	27♍15	10♉ 3	1♐ 6	1♐26	2♐41	23♑38	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	18n 4	7n28	4n 9	19n57	2s 7	22n18	1s 1	23n24	0n 7	1n58	1s26	21s36	1n23	16n11	0s24	2n35	1n13	0s46	16s24	20s56	20s45	20s19	13s44	7n29	
S 2	17 49	12 3	3 20	20 5	1 51	22 18	0 58	23 27	0 8	1 57	1 26	21 36	1 22	16 11	0 24	2 34	1 13	0 47	16 25	20 55	20 44	20 20	13 45	7 29	
M 3	17 34	16 2	2 18	20 11	1 36	22 17	0 55	23 29	0 8	1 57	1 27	21 36	1 22	16 11	0 24	2 34	1 13	0 47	16 25	20 55	20 44	20 20	13 45	7 29	
T 4	17 18	19 7	1 7	20 16	1 20	22 15	0 52	23 31	0 9	1 56	1 27	21 36	1 22	16 11	0 24	2 33	1 13	0 47	16 25	20 55	20 43	20 21	13 46	7 29	
W 5	17 2	21 3	0s 8	20 19	1 5	22 13	0 49	23 33	0 10	1 55	1 27	21 36	1 22	16 12	0 24	2 32	1 13	0 48	16 26	20 55	20 42	20 22	13 47	7 29	
T 6	16 46	21 39	1 23	20 21	0 50	22 11	0 46	23 35	0 11	1 54	1 27	21 36	1 22	16 12	0 24	2 32	1 13	0 48	16 26	20 55	20 42	20 22	13 48	7 29	
F 7	16 29	20 49	2 33	20 20	0 36	22 7	0 43	23 36	0 12	1 53	1 28	21 36	1 21	16 12	0 24	2 31	1 13	0 48	16 26	20 54	20 41	20 23	13 48	7 28	
S 8	16 12	18 40	3 33	20 18	0 22	22 3	0 40	23 38	0 13	1 52	1 28	21 36	1 21	16 12	0 24	2 30	1 13	0 48	16 27	20 53	20 41	20 23	13 49	7 28	
S 9	15 55	15 23	4 19	20 13	0 8	21 59	0 37	23 39	0 13	1 51	1 28	21 37	1 21	16 12	0 24	2 30	1 13	0 49	16 27	20 52	20 40	20 24	13 50	7 28	
M10	15 38	11 18	4 49	20 6	0n 5	21 54	0 34	23 40	0 14	1 50	1 29	21 37	1 21	16 12	0 24	2 29	1 13	0 49	16 27	20 50	20 39	20 24	13 51	7 28	
T 11	15 20	6 41	5 1	19 56	0 17	21 48	0 31	23 40	0 15	1 49	1 29	21 37	1 21	16 13	0 24	2 28	1 13	0 49	16 28	20 47	20 39	20 25	13 51	7 28	
W12	15 3	1 52	4 57	19 43	0 29	21 41	0 28	23 41	0 16	1 47	1 29	21 37	1 21	16 13	0 24	2 27	1 13	0 50	16 28	20 45	20 38	20 25	13 52	7 27	
T 13	14 44	2s55	4 36	19 28	0 40	21 34	0 25	23 41	0 17	1 46	1 29	21 37	1 20	16 13	0 24	2 27	1 13	0 50	16 28	20 43	20 38	20 26	13 53	7 27	
F 14	14 26	7 27	4 3	19 10	0 50	21 27	0 22	23 41	0 18	1 44	1 30	21 37	1 20	16 13	0 24	2 26	1 13	0 50	16 29	20 42	20 37	20 26	13 54	7 27	
S 15	14 8	11 34	3 18	18 50	1 0	21 18	0 19	23 41	0 18	1 43	1 30	21 37	1 20	16 13	0 24	2 25	1 13	0 51	16 29	20 40	20 36	20 27	13 55	7 26	
S 16	13 49	15 6	2 26	18 27	1 8	21 10	0 16	23 41	0 19	1 41	1 30	21 37	1 20	16 13	0 24	2 24	1 12	0 51	16 29	20 40	20 36	20 27	13 55	7 26	
M17	13 30	17 58	1 27	18 1	1 16	21 0	0 13	23 40	0 20	1 40	1 30	21 37	1 20	16 13	0 24	2 23	1 12	0 51	16 30	20 40	20 35	20 28	13 56	7 26	
T 18	13 11	20 3	0 26	17 33	1 23	20 50	0 10	23 40	0 21	1 38	1 31	21 38	1 19	16 13	0 24	2 23	1 12	0 52	16 30	20 39	20 34	20 28	13 57	7 26	
W19	12 51	21 15	0n37	17 3	1 28	20 39	0 7	23 39	0 22	1 36	1 31	21 38	1 19	16 13	0 24	2 22	1 12	0 52	16 30	20 39	20 34	20 29	13 58	7 25	
T 20	12 32	21 31	1 38	16 30	1 33	20 28	0 4	23 38	0 23	1 34	1 31	21 38	1 19	16 13	0 24	2 21	1 12	0 52	16 31	20 39	20 33	20 29	13 58	7 25	
F 21	12 12	20 47	2 36	15 55	1 37	20 16	0 1	23 37	0 23	1 32	1 31	21 38	1 19	16 13	0 24	2 20	1 12	0 53	16 31	20 39	20 32	20 30	13 59	7 25	
S 22	11 52	19 4	3 27	15 19	1 41	20 4	0n 2	23 35	0 24	1 30	1 32	21 38	1 19	16 13	0 24	2 20	1 12	0 53	16 31	20 38	20 32	20 30	14 0	7 24	
S 23	11 32	16 24	4 10	14 41	1 43	19 51	0 5	23 34	0 25	1 28	1 32	21 38	1 18	16 13	0 24	2 19	1 12	0 53	16 31	20 36	20 31	20 31	14 1	7 24	
M24	11 11	12 54	4 41	14 1	1 45	19 37	0 8	23 32	0 26	1 26	1 32	21 39	1 18	16 13	0 24	2 18	1 12	0 54	16 32	20 34	20 31	20 31	14 2	7 24	
T 25	10 51	8 42	4 58	13 20	1 46	19 23	0 10	23 30	0 27	1 24	1 32	21 39	1 18	16 13	0 25	2 17	1 12	0 54	16 32	20 32	20 30	20 32	14 2	7 23	
W26	10 30	3 59	4 59	12 38	1 46	19 8	0 13	23 28	0 28	1 21	1 33	21 39	1 18	16 13	0 25	2 16	1 12	0 55	16 32	20 29	20 29	20 32	14 3	7 23	
T 27	10 9	1n 1	4 42	11 54	1 45	18 53	0 16	23 26	0 29	1 19	1 33	21 39	1 18	16 13	0 25	2 15	1 12	0 55	16 33	20 27	20 29	20 33	14 4	7 22	
F 28	9 48	6 2	4 9	11 10	1 44	18 38	0 19	23 23	0 30	1 17	1 33	21 39	1 17	16 13	0 25	2 15	1 12	0 55	16 33	20 25	20 28	20 33	14 5	7 22	
S 29	9 27	10 47	3 20	10 25	1 43	18 21	0 21	23 20	0 30	1 14	1 33	21 40	1 17	16 13	0 25	2 14	1 12	0 56	16 33	20 23	20 27	20 34	14 5	7 22	
S 30	9 6	14 58	2 19	9 39	1 40	18 4	0 24	23 18	0 31	1 12	1 33	21 40	1 17	16 13	0 25	2 13	1 12	0 56	16 34	20 22	20 27	20 34	14 6	7 21	
M31	8n44	18n17	1n 9	8n53	1n37	17n47	0n27	23n15	0n32	1n 9	1s34	21s40	1n17	16n13	0s25	2n12	1n12	0s56	16s34	20s22	20s26	20s34	14s 7	7n21	

Julian Day Number = 2490107.5, Delta T = 95.83 sec
Ecliptic obliquity = 23°25'28, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°12'56, Lahiri = 25°19'56

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2105
geocentric

SEPTEMBER 2105 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 11	8♍29'46	2♊ 9	13♍ 1	12♌35	14♋26	6°R25	18♐44	15°R56	27♍17	10°R 2	1°R 6	1♐23	2♐48	23°R36	T 1
W 2	22 44 8	9°27'47	16°16	14°54	13°48	15° 4	6♈19	18°45	15♉56	27°19	10♉ 2	1♐ 6	1°20	2°54	23♑34	W 2
T 3	22 48 4	10°25'50	0♋19	16°45	15° 1	15°42	6°13	18°46	15°55	27°21	10° 1	1° 5	1°16	3° 1	23°32	T 3
F 4	22 52 1	11°23'55	14°18	18°35	16°14	16°20	6° 6	18°47	15°55	27°23	10° 1	1° 2	1°13	3° 7	23°30	F 4
S 5	22 55 57	12°22'02	28°12	20°24	17°28	16°58	6° 0	18°48	15°54	27°26	10° 0	0°56	1°10	3°14	23°28	S 5
S 6	22 59 54	13°20'10	11♌59	22°11	18°41	17°36	5°53	18°49	15°53	27°28	10° 0	0°47	1° 7	3°21	23°26	S 6
M 7	23 3 50	14°18'21	25°35	23°58	19°54	18°14	5°46	18°51	15°52	27°30	9°59	0°36	1° 4	3°27	23°25	M 7
T 8	23 7 47	15°16'33	8♍58	25°43	21° 7	18°51	5°39	18°52	15°52	27°32	9°59	0°24	1° 1	3°34	23°23	T 8
W 9	23 11 44	16°14'47	22° 6	27°27	22°21	19°29	5°32	18°54	15°51	27°34	9°58	0°12	0°57	3°41	23°22	W 9
T 10	23 15 40	17°13'03	4♎57	29° 9	23°34	20° 6	5°25	18°56	15°50	27°36	9°57	0° 1	0°54	3°47	23°20	T 10
F 11	23 19 37	18°11'20	17°30	0♎51	24°47	20°44	5°17	18°57	15°49	27°39	9°57	29♏52	0°51	3°54	23°19	F 11
S 12	23 23 33	19° 9'39	29°48	2°31	26° 1	21°21	5°10	18°59	15°48	27°41	9°56	29°46	0°48	4° 1	23°17	S 12
S 13	23 27 30	20° 8'00	11♏52	4°11	27°14	21°58	5° 3	19° 1	15°47	27°43	9°56	29°42	0°45	4° 7	23°16	S 13
M14	23 31 26	21° 6'22	23°47	5°49	28°28	22°35	4°55	19° 3	15°46	27°45	9°55	29°41	0°41	4°14	23°15	M14
T 15	23 35 23	22° 4'46	5♐35	7°26	29°42	23°12	4°47	19° 5	15°45	27°47	9°54	29°D41	0°38	4°21	23°14	T 15
W16	23 39 19	23° 3'11	17°23	9° 2	0♍55	23°49	4°40	19° 8	15°43	27°50	9°53	29°R41	0°35	4°27	23°12	W16
T 17	23 43 16	24° 1'38	29°16	10°37	2° 9	24°26	4°32	19°10	15°42	27°52	9°53	29°41	0°32	4°34	23°11	T 17
F 18	23 47 12	25° 0'07	11♑19	12°11	3°23	25° 3	4°24	19°12	15°41	27°54	9°52	29°40	0°29	4°40	23°11	F 18
S 19	23 51 9	25°58'37	23°38	13°43	4°37	25°39	4°16	19°15	15°40	27°56	9°51	29°36	0°26	4°47	23°10	S 19
S 20	23 55 6	26°57'09	6♒16	15°15	5°50	26°16	4° 8	19°17	15°38	27°59	9°50	29°30	0°22	4°54	23° 9	S 20
M21	23 59 2	27°55'43	19°17	16°46	7° 4	26°52	4° 1	19°20	15°37	28° 1	9°50	29°22	0°19	5° 0	23° 8	M21
T 22	0 2 59	28°54'18	2♓41	18°15	8°18	27°28	3°53	19°23	15°35	28° 3	9°49	29°13	0°16	5° 7	23° 8	T 22
W23	0 6 55	29°52'55	16°29	19°44	9°32	28° 5	3°45	19°26	15°34	28° 5	9°48	29° 3	0°13	5°14	23° 7	W23
T 24	0 10 52	0♎51'34	0♈37	21°11	10°46	28°41	3°37	19°29	15°32	28° 7	9°47	28°54	0°10	5°20	23° 7	T 24
F 25	0 14 48	1°50'15	14°59	22°37	12° 0	29°17	3°29	19°32	15°31	28°10	9°46	28°46	0° 7	5°27	23° 6	F 25
S 26	0 18 45	2°48'58	29°30	24° 3	13°14	29°52	3°21	19°35	15°29	28°12	9°46	28°40	0° 3	5°34	23° 6	S 26
S 27	0 22 41	3°47'43	14♉ 3	25°27	14°29	0♌28	3°13	19°38	15°28	28°14	9°45	28°37	0° 0	5°40	23° 6	S 27
M28	0 26 38	4°46'30	28°34	26°50	15°43	1° 4	3° 5	19°41	15°26	28°16	9°44	28°D36	29♏57	5°47	23° 5	M28
T 29	0 30 35	5°45'20	12♊57	28°12	16°57	1°39	2°57	19°45	15°24	28°19	9°43	28°37	29°54	5°54	23° 5	T 29
W30	0 34 31	6♎44'12	27♊10	29♎32	18♍11	2♌15	2♈49	19♐48	15♉22	28♍21	9♉42	28♏38	29♏51	6♐ 0	23°D 5	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n23	20n29	0s 6	8n 7	1n34	17n29	0n29	23n11	0n33	1n 7	1s34	21s40	1n17	16n12	0s25	2n11	1n12	0s57	16s34	20s22	20s25	20s35	14s 8	7n20
W 2	8 1	21 24	1 19	7 20	1 30	17 11	0 32	23 8	0 34	1 4	1 34	21 41	1 16	16 12	0 25	2 10	1 12	0 57	16 34	20 22	20 25	20 35	14 8	7 20
T 3	7 39	20 57	2 28	6 33	1 26	16 52	0 34	23 5	0 35	1 1	1 34	21 41	1 16	16 12	0 25	2 9	1 12	0 58	16 35	20 22	20 24	20 36	14 9	7 20
F 4	7 17	19 13	3 28	5 46	1 22	16 33	0 37	23 1	0 36	0 59	1 34	21 41	1 16	16 12	0 25	2 9	1 12	0 58	16 35	20 21	20 24	20 36	14 10	7 19
S 5	6 55	16 21	4 14	4 59	1 17	16 13	0 39	22 57	0 37	0 56	1 35	21 42	1 16	16 12	0 25	2 8	1 12	0 59	16 35	20 20	20 23	20 36	14 11	7 19
S 6	6 33	12 37	4 46	4 11	1 11	15 53	0 42	22 53	0 38	0 53	1 35	21 42	1 16	16 11	0 25	2 7	1 12	0 59	16 36	20 18	20 22	20 37	14 11	7 18
M 7	6 10	8 16	5 0	3 24	1 6	15 32	0 44	22 49	0 38	0 50	1 35	21 42	1 15	16 11	0 25	2 6	1 12	0 59	16 36	20 16	20 22	20 37	14 12	7 18
T 8	5 48	3 36	4 58	2 37	1 0	15 11	0 46	22 45	0 39	0 47	1 35	21 43	1 15	16 11	0 25	2 5	1 12	1 0	16 36	20 13	20 21	20 38	14 13	7 17
W 9	5 25	1s 9	4 40	1 51	0 54	14 49	0 49	22 40	0 40	0 44	1 35	21 43	1 15	16 11	0 25	2 4	1 12	1 0	16 36	20 11	20 20	20 38	14 14	7 17
T 10	5 3	5 45	4 8	1 4	0 48	14 27	0 51	22 36	0 41	0 41	1 35	21 43	1 15	16 10	0 25	2 3	1 12	1 1	16 37	20 9	20 20	20 38	14 14	7 16
F 11	4 40	10 1	3 24	0 18	0 41	14 5	0 53	22 31	0 42	0 38	1 35	21 44	1 15	16 10	0 25	2 3	1 12	1 1	16 37	20 7	20 19	20 39	14 15	7 16
S 12	4 17	13 46	2 32	0s28	0 35	13 42	0 55	22 26	0 43	0 35	1 36	21 44	1 14	16 10	0 25	2 2	1 12	1 1	16 37	20 5	20 18	20 39	14 16	7 15
S 13	3 54	16 52	1 33	1 14	0 28	13 19	0 57	22 21	0 44	0 32	1 36	21 44	1 14	16 10	0 25	2 1	1 12	1 2	16 37	20 4	20 18	20 40	14 16	7 15
M14	3 31	19 13	0 31	2 0	0 21	12 55	0 59	22 16	0 45	0 29	1 36	21 45	1 14	16 9	0 25	2 0	1 12	1 2	16 38	20 4	20 17	20 40	14 17	7 14
T 15	3 8	20 42	0n32	2 44	0 13	12 31	1 1	22 11	0 46	0 26	1 36	21 45	1 14	16 9	0 25	1 59	1 12	1 3	16 38	20 4	20 16	20 40	14 18	7 14
W16	2 45	21 17	1 33	3 29	0 6	12 7	1 3	22 6	0 47	0 23	1 36	21 45	1 14	16 8	0 25	1 58	1 12	1 3	16 38	20 4	20 16	20 41	14 18	7 13
T 17	2 22	20 54	2 31	4 13	0s 1	11 43	1 5	22 0	0 48	0 20	1 36	21 46	1 13	16 8	0 25	1 57	1 12	1 4	16 38	20 4	20 15	20 41	14 19	7 13
F 18	1 59	19 34	3 23	4 56	0 9	11 18	1 6	21 54	0 49	0 17	1 36	21 46	1 13	16 8	0 25	1 56	1 12	1 4	16 39	20 4	20 14	20 41	14 20	7 12
S 19	1 36	17 18	4 7	5 40	0 16	10 52	1 8	21 49	0 50	0 13	1 36	21 46	1 13	16 7	0 25	1 56	1 12	1 5	16 39	20 3	20 14	20 42	14 20	7 12
S 20	1 13	14 10	4 40	6 22	0 24	10 27	1 10	21 43	0 51	0 10	1 36	21 47	1 13	16 7	0 25	1 55	1 12	1 5	16 39	20 2	20 13	20 42	14 21	7 11
M21	0 49	10 17	5 0	7 4	0 31	10 1	1 11	21 37	0 51	0 7	1 36	21 47	1 13	16 7	0 25	1 54	1 12	1 5	16 39	20 0	20 12	20 42	14 22	7 11
T 22	0 26	5 46	5 4	7 45	0 39	9 35	1 13	21 31	0 52	0 4	1 36	21 48	1 13	16 6	0 25	1 53	1 12	1 6	16 39	19 58	20 12	20 43	14 22	7 10
W23	0 3	0 52	4 51	8 26	0 47	9 8	1 14	21 24	0 53	0 1	1 36	21 48	1 12	16 6	0 25	1 52	1 12	1 6	16 40	19 56	20 11	20 43	14 23	7 10
T 24	0s20	4n13	4 20	9 6	0 54	8 41	1 16	21 18	0 54	0s 3	1 37	21 48	1 12	16 5	0 25	1 51	1 12	1 7	16 40	19 54	20 10	20 43	14 23	7 9
F 25	0 44	9 9	3 32	9 45	1 2	8 14	1 17	21 12	0 55	0 6	1 37	21 49	1 12	16 5	0 25	1 50	1 12	1 7	16 40	19 52	20 10	20 44	14 24	7 9
S 26	1 7	13 37	2 30	10 24	1 10	7 47	1 18	21 5	0 56	0 9	1 37	21 49	1 12	16 4	0 25	1 49	1 12	1 8	16 40	19 51	20 9	20 44	14 24	7 8
S 27	1 30	17 17	1 17	11 2	1 17	7 20	1 20	20 58	0 57	0 12	1 37	21 50	1 12	16 4	0 25	1 49	1 12	1 8	16 40	19 50	20 8	20 44	14 25	7 8
M28	1 54	19 50	0 0	11 39	1 25	6 52	1 21	20 51	0 58	0 15	1 37	21 50	1 11	16 3	0 25	1 48	1 12	1 8	16 41	19 50	20 8	20 44	14 26	7 7
T 29	2 17	21 4	1s16	12 16	1 32	6 24	1 22	20 45	0 59	0 19	1 37	21 51	1 11	16 3	0 25	1 47	1 12	1 9	16 41	19 50	20 7	20 45	14 26	7 7
W30	2s40	20n56	2s28	12s51	1s39	5n56	1n23	20n38	1n 0	0s22	1s37	21s51	1n11	16n 2	0s25	1n46	1n12	1s 9	16s41	19s51	20s 6	20s45	14s27	7n 6

Julian Day Number = 2490138.5, Delta T = 95.87 sec
Ecliptic obliquity = 23°25'28, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'00, Lahiri = 25°20'00

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ASTRODIENST EPHEMERIS for the year 2105
geocentric

OCTOBER 2105 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 28	7♎43'06	11♋11	0♏52	19♍26	2♌50	2°R41	19♐52	15°R21	28♍23	9°R41	28°R38	29♏47	6♐ 7	23♑ 5	T 1
F 2	0 42 24	8°42'03	25° 0	2°10	20°40	3°25	2♈33	19°56	15♉19	28°25	9♉40	28♏37	29°44	6°14	23° 5	F 2
S 3	0 46 21	9°41'01	8♌38	3°27	21°54	4° 0	2°25	19°59	15°17	28°27	9°39	28°34	29°41	6°20	23° 6	S 3
S 4	0 50 17	10°40'02	22° 2	4°42	23° 9	4°35	2°17	20° 3	15°15	28°30	9°38	28°28	29°38	6°27	23° 6	S 4
M 5	0 54 14	11°39'06	5♍15	5°56	24°23	5°10	2° 9	20° 7	15°13	28°32	9°37	28°21	29°35	6°33	23° 6	M 5
T 6	0 58 10	12°38'11	18°15	7° 8	25°38	5°45	2° 1	20°11	15°11	28°34	9°36	28°13	29°32	6°40	23° 7	T 6
W 7	1 2 7	13°37'18	1♎ 1	8°19	26°52	6°19	1°53	20°15	15° 9	28°36	9°35	28° 5	29°28	6°47	23° 7	W 7
T 8	1 6 4	14°36'28	13°34	9°28	28° 7	6°54	1°46	20°19	15° 7	28°38	9°34	27°57	29°25	6°53	23° 8	T 8
F 9	1 10 0	15°35'40	25°55	10°34	29°21	7°28	1°38	20°23	15° 5	28°40	9°33	27°51	29°22	7° 0	23° 8	F 9
S 10	1 13 57	16°34'53	8♏ 3	11°39	0♎36	8° 2	1°31	20°27	15° 3	28°43	9°32	27°47	29°19	7° 7	23° 9	S 10
S 11	1 17 53	17°34'09	20° 2	12°41	1°51	8°36	1°23	20°32	15° 1	28°45	9°31	27°45	29°16	7°13	23°10	S 11
M12	1 21 50	18°33'27	1♐53	13°41	3° 5	9°10	1°16	20°36	14°59	28°47	9°30	27°D45	29°13	7°20	23°11	M12
T 13	1 25 46	19°32'46	13°40	14°38	4°20	9°44	1° 9	20°41	14°57	28°49	9°29	27°46	29° 9	7°27	23°12	T 13
W14	1 29 43	20°32'07	25°27	15°33	5°35	10°18	1° 2	20°45	14°55	28°51	9°28	27°48	29° 6	7°33	23°13	W14
T 15	1 33 39	21°31'30	7♑19	16°23	6°50	10°51	0°55	20°50	14°52	28°53	9°27	27°49	29° 3	7°40	23°14	T 15
F 16	1 37 36	22°30'55	19°20	17°11	8° 4	11°25	0°48	20°55	14°50	28°55	9°26	27°R50	29° 0	7°47	23°15	F 16
S 17	1 41 33	23°30'22	1♒36	17°54	9°19	11°58	0°41	20°59	14°48	28°57	9°25	27°50	28°57	7°53	23°17	S 17
S 18	1 45 29	24°29'50	14°12	18°33	10°34	12°31	0°34	21° 4	14°46	28°59	9°24	27°48	28°53	8° 0	23°18	S 18
M19	1 49 26	25°29'20	27°12	19° 7	11°49	13° 4	0°28	21° 9	14°43	29° 1	9°23	27°45	28°50	8° 6	23°19	M19
T 20	1 53 22	26°28'52	10♓38	19°36	13° 4	13°37	0°21	21°14	14°41	29° 4	9°22	27°41	28°47	8°13	23°21	T 20
W21	1 57 19	27°28'25	24°30	20° 0	14°19	14° 9	0°15	21°19	14°39	29° 6	9°21	27°36	28°44	8°20	23°22	W21
T 22	2 1 15	28°28'01	8♈48	20°17	15°34	14°42	0° 9	21°24	14°36	29° 8	9°19	27°32	28°41	8°26	23°24	T 22
F 23	2 5 12	29°27'38	23°26	20°27	16°49	15°14	0° 3	21°30	14°34	29°10	9°18	27°28	28°38	8°33	23°26	F 23
S 24	2 9 8	0♏27'17	8♉18	20°R30	18° 4	15°46	29♓57	21°35	14°32	29°11	9°17	27°26	28°34	8°40	23°28	S 24
S 25	2 13 5	1°26'58	23°16	20°25	19°19	16°18	29°51	21°40	14°29	29°13	9°16	27°D25	28°31	8°46	23°29	S 25
M26	2 17 1	2°26'42	8♊11	20°11	20°34	16°50	29°45	21°45	14°27	29°15	9°15	27°25	28°28	8°53	23°31	M26
T 27	2 20 58	3°26'27	22°56	19°49	21°49	17°22	29°40	21°51	14°24	29°17	9°14	27°26	28°25	9° 0	23°33	T 27
W28	2 24 55	4°26'15	7♋27	19°18	23° 4	17°53	29°35	21°56	14°22	29°19	9°13	27°27	28°22	9° 6	23°36	W28
T 29	2 28 51	5°26'05	21°38	18°37	24°19	18°25	29°30	22° 2	14°20	29°21	9°12	27°29	28°18	9°13	23°38	T 29
F 30	2 32 48	6°25'58	5♌30	17°48	25°34	18°56	29°25	22° 8	14°17	29°23	9°10	27°R29	28°15	9°20	23°40	F 30
S 31	2 36 44	7♏25'52	19♌ 1	16♏50	26♎49	19♌27	29♓20	22♐13	14♉15	29♍25	9♉ 9	27♏29	28♏12	9♐26	23♑42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3 s 4	19n29	3 s29	13 s26	1 s47	5n28	1n24	20n30	1n 1	0 s25	1 s37	21 s52	1n11	16n 2	0 s25	1n45	1n12	1 s10	16 s41	19 s51	20 s 6	20 s45	14 s27	7n 6
F 2	3 27	16 54	4 17	14 0	1 54	4 59	1 24	20 23	1 2	0 28	1 37	21 52	1 11	16 1	0 25	1 44	1 13	1 10	16 41	19 50	20 5	20 46	14 28	7 5
S 3	3 50	13 26	4 50	14 33	2 1	4 31	1 25	20 16	1 3	0 31	1 37	21 52	1 11	16 1	0 25	1 43	1 13	1 11	16 41	19 50	20 4	20 46	14 28	7 5
S 4	4 13	9 19	5 6	15 5	2 8	4 2	1 26	20 9	1 4	0 34	1 37	21 53	1 10	16 0	0 25	1 42	1 13	1 11	16 42	19 48	20 4	20 46	14 29	7 4
M 5	4 36	4 50	5 6	15 36	2 14	3 33	1 27	20 1	1 5	0 37	1 36	21 53	1 10	16 0	0 25	1 42	1 13	1 11	16 42	19 47	20 3	20 46	14 29	7 3
T 6	4 59	0 12	4 50	16 6	2 21	3 4	1 27	19 54	1 6	0 40	1 36	21 54	1 10	15 59	0 25	1 41	1 13	1 12	16 42	19 45	20 2	20 47	14 30	7 3
W 7	5 22	4 s22	4 19	16 35	2 27	2 35	1 28	19 46	1 7	0 43	1 36	21 54	1 10	15 58	0 25	1 40	1 13	1 12	16 42	19 43	20 2	20 47	14 30	7 2
T 8	5 45	8 41	3 37	17 3	2 33	2 6	1 28	19 38	1 8	0 46	1 36	21 55	1 10	15 58	0 25	1 39	1 13	1 13	16 42	19 42	20 1	20 47	14 30	7 2
F 9	6 8	12 33	2 44	17 30	2 39	1 37	1 29	19 31	1 9	0 49	1 36	21 55	1 10	15 57	0 25	1 38	1 13	1 13	16 42	19 40	20 0	20 47	14 31	7 1
S 10	6 31	15 51	1 45	17 56	2 45	1 7	1 29	19 23	1 11	0 52	1 36	21 56	1 9	15 57	0 25	1 37	1 13	1 14	16 42	19 39	19 59	20 48	14 31	7 1
S 11	6 54	18 25	0 42	18 20	2 50	0 38	1 29	19 15	1 12	0 55	1 36	21 56	1 9	15 56	0 25	1 37	1 13	1 14	16 43	19 39	19 59	20 48	14 32	7 0
M12	7 16	20 9	0n23	18 43	2 54	0 8	1 29	19 7	1 13	0 58	1 36	21 57	1 9	15 55	0 25	1 36	1 13	1 14	16 43	19 39	19 58	20 48	14 32	7 0
T 13	7 39	21 0	1 26	19 4	2 59	0 s21	1 29	18 59	1 14	1 1	1 36	21 57	1 9	15 55	0 25	1 35	1 13	1 15	16 43	19 39	19 57	20 48	14 32	6 59
W14	8 1	20 55	2 26	19 24	3 3	0 51	1 29	18 51	1 15	1 3	1 36	21 58	1 9	15 54	0 25	1 34	1 13	1 15	16 43	19 39	19 57	20 49	14 33	6 59
T 15	8 23	19 54	3 19	19 42	3 6	1 20	1 29	18 43	1 16	1 6	1 36	21 58	1 9	15 54	0 25	1 33	1 13	1 16	16 43	19 40	19 56	20 49	14 33	6 58
F 16	8 45	17 59	4 5	19 58	3 9	1 50	1 29	18 35	1 17	1 9	1 35	21 58	1 8	15 53	0 25	1 32	1 13	1 16	16 43	19 40	19 55	20 49	14 34	6 58
S 17	9 7	15 13	4 41	20 13	3 11	2 20	1 29	18 27	1 18	1 11	1 35	21 59	1 8	15 52	0 25	1 32	1 13	1 16	16 43	19 40	19 55	20 49	14 34	6 57
S 18	9 29	11 42	5 4	20 25	3 13	2 49	1 29	18 18	1 19	1 14	1 35	21 59	1 8	15 52	0 25	1 31	1 13	1 17	16 43	19 39	19 54	20 49	14 34	6 56
M19	9 51	7 32	5 13	20 36	3 14	3 19	1 29	18 10	1 20	1 16	1 35	22 0	1 8	15 51	0 25	1 30	1 13	1 17	16 43	19 39	19 53	20 50	14 34	6 56
T 20	10 13	2 52	5 5	20 44	3 14	3 48	1 28	18 2	1 21	1 19	1 35	22 0	1 8	15 50	0 25	1 29	1 13	1 18	16 43	19 38	19 53	20 50	14 35	6 55
W21	10 34	2n 6	4 40	20 49	3 13	4 17	1 28	17 53	1 23	1 21	1 35	22 1	1 8	15 49	0 25	1 29	1 13	1 18	16 43	19 37	19 52	20 50	14 35	6 55
T 22	10 55	7 6	3 56	20 52	3 11	4 47	1 27	17 45	1 24	1 23	1 35	22 1	1 8	15 49	0 25	1 28	1 13	1 18	16 43	19 36	19 51	20 50	14 35	6 54
F 23	11 16	11 49	2 56	20 52	3 7	5 16	1 27	17 36	1 25	1 26	1 34	22 2	1 7	15 48	0 25	1 27	1 13	1 19	16 43	19 35	19 50	20 50	14 35	6 54
S 24	11 37	15 54	1 43	20 48	3 3	5 45	1 26	17 28	1 26	1 28	1 34	22 2	1 7	15 47	0 25	1 26	1 13	1 19	16 44	19 34	19 50	20 50	14 36	6 53
S 25	11 58	18 57	0 23	20 41	2 57	6 14	1 25	17 19	1 27	1 30	1 34	22 3	1 7	15 47	0 25	1 26	1 13	1 19	16 44	19 34	19 49	20 51	14 36	6 53
M26	12 19	20 41	0 s59	20 31	2 50	6 43	1 25	17 11	1 28	1 32	1 34	22 3	1 7	15 46	0 25	1 25	1 13	1 20	16 44	19 34	19 48	20 51	14 36	6 52
T 27	12 39	20 58	2 16	20 16	2 41	7 12	1 24	17 2	1 29	1 34	1 34	22 4	1 7	15 45	0 25	1 24	1 13	1 20	16 44	19 34	19 48	20 51	14 36	6 52
W28	13 0	19 50	3 23	19 57	2 31	7 41	1 23	16 54	1 31	1 36	1 34	22 4	1 7	15 45	0 25	1 23	1 13	1 20	16 44	19 35	19 47	20 51	14 36	6 51
T 29	13 20	17 28	4 16	19 34	2 18	8 9	1 22	16 45	1 32	1 38	1 33	22 5	1 7	15 44	0 25	1 23	1 13	1 21	16 44	19 35	19 46	20 51	14 37	6 51
F 30	13 39	14 9	4 53	19 7	2 4	8 37	1 21	16 37	1 33	1 40	1 33	22 5	1 6	15 43	0 25	1 22	1 13	1 21	16 44	19 35	19 46	20 51	14 37	6 50
S 31	13 s59	10n 9	5 s13	18 s36	1 s49	9 s 5	1n20	16n28	1n34	1 s41	1 s33	22 s 6	1n 6	15n42	0 s25	1n21	1n13	1 s21	16 s44	19 s35	19 s45	20 s51	14 s37	6n50

Julian Day Number = 2490168.5, Delta T = 95.91 sec
Ecliptic obliquity = 23°25'28, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'04, Lahiri = 25°20'04

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ASTRODIENST EPHEMERIS for the year 2105
geocentric

NOVEMBER 2105 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 41	8♏25'49	2♍14	15°R45	28♎ 4	19♌58	29°R15	22♐19	14°R12	29♍27	9°R 8	27°R27	28♏ 9	9♐33	23♑45	S 1
M 2	2 44 37	9°25'47	15°10	14♏34	29°19	20°28	29♓11	22°25	14♉10	29°29	9♉ 7	27♏25	28° 6	9°40	23°47	M 2
T 3	2 48 34	10°25'48	27°51	13°19	0♏35	20°59	29° 7	22°30	14° 7	29°30	9° 6	27°23	28° 3	9°46	23°49	T 3
W 4	2 52 30	11°25'51	10♎19	12° 1	1°50	21°29	29° 3	22°36	14° 5	29°32	9° 5	27°20	27°59	9°53	23°52	W 4
T 5	2 56 27	12°25'56	22°35	10°43	3° 5	21°59	28°59	22°42	14° 2	29°34	9° 4	27°18	27°56	9°59	23°55	T 5
F 6	3 0 24	13°26'03	4♏42	9°28	4°20	22°29	28°55	22°48	14° 0	29°36	9° 3	27°16	27°53	10° 6	23°57	F 6
S 7	3 4 20	14°26'12	16°40	8°18	5°36	22°58	28°52	22°54	13°57	29°37	9° 1	27°15	27°50	10°13	24° 0	S 7
S 8	3 8 17	15°26'22	28°32	7°15	6°51	23°28	28°48	23° 0	13°55	29°39	9° 0	27°D15	27°47	10°19	24° 3	S 8
M 9	3 12 13	16°26'35	10♐20	6°21	8° 6	23°57	28°45	23° 6	13°52	29°41	8°59	27°15	27°44	10°26	24° 6	M 9
T 10	3 16 10	17°26'49	22° 7	5°38	9°21	24°26	28°42	23°13	13°50	29°42	8°58	27°16	27°40	10°33	24° 9	T 10
W11	3 20 6	18°27'04	3♑55	5° 5	10°37	24°55	28°40	23°19	13°47	29°44	8°57	27°17	27°37	10°39	24°12	W11
T 12	3 24 3	19°27'22	15°48	4°45	11°52	25°23	28°37	23°25	13°45	29°45	8°56	27°18	27°34	10°46	24°15	T 12
F 13	3 27 59	20°27'40	27°49	4°D36	13° 7	25°52	28°35	23°31	13°43	29°47	8°55	27°19	27°31	10°53	24°18	F 13
S 14	3 31 56	21°28'00	10♒ 3	4°38	14°23	26°20	28°33	23°38	13°40	29°49	8°54	27°19	27°28	10°59	24°21	S 14
S 15	3 35 53	22°28'22	22°35	4°51	15°38	26°48	28°31	23°44	13°38	29°50	8°53	27°R19	27°24	11° 6	24°25	S 15
M16	3 39 49	23°28'45	5♓28	5°14	16°53	27°15	28°29	23°51	13°35	29°52	8°51	27°19	27°21	11°13	24°28	M16
T 17	3 43 46	24°29'09	18°46	5°46	18° 9	27°43	28°28	23°57	13°33	29°53	8°50	27°19	27°18	11°19	24°31	T 17
W18	3 47 42	25°29'34	2♈31	6°26	19°24	28°10	28°26	24° 3	13°30	29°55	8°49	27°19	27°15	11°26	24°35	W18
T 19	3 51 39	26°30'01	16°43	7°14	20°40	28°37	28°25	24°10	13°28	29°56	8°48	27°18	27°12	11°33	24°38	T 19
F 20	3 55 35	27°30'29	1♉21	8° 9	21°55	29° 3	28°24	24°17	13°26	29°57	8°47	27°D18	27° 9	11°39	24°42	F 20
S 21	3 59 32	28°30'59	16°18	9° 9	23°10	29°30	28°24	24°23	13°23	29°59	8°46	27°19	27° 5	11°46	24°46	S 21
S 22	4 3 28	29°31'30	1♊29	10°14	24°26	29°56	28°23	24°30	13°21	0♎ 0	8°45	27°R19	27° 2	11°52	24°49	S 22
M23	4 7 25	0♐32'03	16°42	11°23	25°41	0♍22	28°23	24°36	13°19	0° 1	8°44	27°18	26°59	11°59	24°53	M23
T 24	4 11 22	1°32'37	1♋48	12°36	26°56	0°47	28°D23	24°43	13°16	0° 3	8°43	27°18	26°56	12° 6	24°57	T 24
W25	4 15 18	2°33'13	16°39	13°52	28°12	1°13	28°23	24°50	13°14	0° 4	8°42	27°18	26°53	12°12	25° 1	W25
T 26	4 19 15	3°33'51	1♌ 9	15°11	29°27	1°37	28°24	24°57	13°12	0° 5	8°41	27°17	26°50	12°19	25° 4	T 26
F 27	4 23 11	4°34'30	15°13	16°33	0♐43	2° 2	28°24	25° 3	13° 9	0° 6	8°40	27°16	26°46	12°26	25° 8	F 27
S 28	4 27 8	5°35'10	28°50	17°56	1°58	2°27	28°25	25°10	13° 7	0° 7	8°39	27°16	26°43	12°32	25°12	S 28
S 29	4 31 4	6°35'53	12♍ 3	19°20	3°14	2°51	28°26	25°17	13° 5	0° 9	8°38	27°D16	26°40	12°39	25°16	S 29
M30	4 35 1	7♐36'37	24♍53	20♏47	4♐29	3♍14	28♓27	25♐24	13♉ 3	0♎10	8♉37	27♏16	26♏37	12♐46	25♑21	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s18	5n46	5s15	18s 0	1s31	9s33	1n19	16n20	1n35	1s43	1s33	22s 6	1n 6	15n42	0s25	1n20	1n13	1s22	16s44	19s35	19s44	20s52	14s37	6n49
M 2	14 37	1 13	5 1	17 22	1 13	10 1	1 18	16 11	1 37	1 44	1 33	22 7	1 6	15 41	0 25	1 20	1 13	1 22	16 44	19 34	19 43	20 52	14 37	6 49
T 3	14 56	3s19	4 33	16 40	0 53	10 29	1 16	16 2	1 38	1 46	1 32	22 7	1 6	15 40	0 25	1 19	1 13	1 22	16 44	19 34	19 43	20 52	14 37	6 48
W 4	15 15	7 38	3 52	15 57	0 33	10 56	1 15	15 54	1 39	1 47	1 32	22 7	1 6	15 40	0 25	1 18	1 13	1 23	16 44	19 33	19 42	20 52	14 37	6 48
T 5	15 34	11 34	3 1	15 13	0 12	11 23	1 14	15 45	1 40	1 49	1 32	22 8	1 6	15 39	0 25	1 18	1 13	1 23	16 44	19 33	19 41	20 52	14 37	6 47
F 6	15 52	14 59	2 2	14 30	0n 9	11 49	1 12	15 37	1 42	1 50	1 32	22 8	1 5	15 38	0 25	1 17	1 13	1 23	16 43	19 32	19 41	20 52	14 37	6 47
S 7	16 10	17 44	0 58	13 49	0 28	12 16	1 11	15 28	1 43	1 51	1 31	22 9	1 5	15 37	0 25	1 16	1 13	1 24	16 43	19 32	19 40	20 52	14 37	6 46
S 8	16 27	19 42	0n 7	13 11	0 47	12 42	1 9	15 20	1 44	1 52	1 31	22 9	1 5	15 37	0 25	1 16	1 13	1 24	16 43	19 32	19 39	20 52	14 37	6 46
M 9	16 45	20 48	1 12	12 37	1 5	13 8	1 8	15 11	1 45	1 53	1 31	22 10	1 5	15 36	0 25	1 15	1 14	1 24	16 43	19 32	19 38	20 53	14 37	6 45
T 10	17 2	20 58	2 14	12 7	1 21	13 33	1 6	15 3	1 47	1 54	1 31	22 10	1 5	15 35	0 25	1 15	1 14	1 24	16 43	19 32	19 38	20 53	14 37	6 45
W11	17 18	20 12	3 10	11 43	1 35	13 59	1 5	14 54	1 48	1 55	1 30	22 11	1 5	15 34	0 25	1 14	1 14	1 25	16 43	19 32	19 37	20 53	14 37	6 45
T 12	17 35	18 33	3 59	11 25	1 47	14 23	1 3	14 46	1 49	1 56	1 30	22 11	1 5	15 34	0 25	1 13	1 14	1 25	16 43	19 33	19 36	20 53	14 37	6 44
F 13	17 51	16 3	4 37	11 12	1 57	14 48	1 1	14 37	1 51	1 56	1 30	22 11	1 5	15 33	0 25	1 13	1 14	1 25	16 43	19 33	19 36	20 53	14 37	6 44
S 14	18 7	12 50	5 4	11 5	2 6	15 12	0 59	14 29	1 52	1 57	1 30	22 12	1 4	15 32	0 25	1 12	1 14	1 25	16 43	19 33	19 35	20 53	14 37	6 43
S 15	18 23	8 59	5 17	11 3	2 12	15 36	0 57	14 21	1 53	1 57	1 29	22 12	1 4	15 32	0 25	1 12	1 14	1 26	16 43	19 33	19 34	20 53	14 37	6 43
M16	18 38	4 37	5 15	11 6	2 17	15 59	0 56	14 13	1 55	1 58	1 29	22 13	1 4	15 31	0 25	1 11	1 14	1 26	16 43	19 33	19 33	20 53	14 37	6 42
T 17	18 53	0n 6	4 56	11 14	2 20	16 22	0 54	14 4	1 56	1 58	1 29	22 13	1 4	15 30	0 25	1 10	1 14	1 26	16 43	19 33	19 33	20 53	14 36	6 42
W18	19 7	4 59	4 20	11 25	2 22	16 44	0 52	13 56	1 57	1 59	1 29	22 13	1 4	15 29	0 25	1 10	1 14	1 26	16 43	19 33	19 32	20 53	14 36	6 41
T 19	19 22	9 45	3 27	11 40	2 23	17 6	0 50	13 48	1 59	1 59	1 28	22 14	1 4	15 29	0 25	1 9	1 14	1 27	16 42	19 33	19 31	20 53	14 36	6 41
F 20	19 35	14 7	2 20	11 58	2 22	17 28	0 48	13 40	2 0	1 59	1 28	22 14	1 4	15 28	0 25	1 9	1 14	1 27	16 42	19 33	19 30	20 53	14 36	6 41
S 21	19 49	17 41	1 1	12 19	2 21	17 49	0 46	13 32	2 2	1 59	1 28	22 15	1 4	15 27	0 25	1 8	1 14	1 27	16 42	19 33	19 30	20 53	14 36	6 40
S 22	20 2	20 4	0s23	12 41	2 18	18 10	0 44	13 24	2 3	1 59	1 28	22 15	1 4	15 27	0 25	1 8	1 14	1 27	16 42	19 33	19 29	20 53	14 35	6 40
M23	20 15	21 0	1 46	13 6	2 15	18 30	0 41	13 17	2 4	1 59	1 27	22 15	1 3	15 26	0 25	1 7	1 14	1 27	16 42	19 33	19 28	20 53	14 35	6 39
T 24	20 27	20 24	3 0	13 32	2 11	18 49	0 39	13 9	2 6	1 58	1 27	22 16	1 3	15 25	0 25	1 7	1 14	1 27	16 42	19 33	19 28	20 53	14 35	6 39
W25	20 39	18 23	4 2	13 59	2 7	19 9	0 37	13 1	2 7	1 58	1 27	22 16	1 3	15 25	0 25	1 7	1 14	1 28	16 42	19 33	19 27	20 53	14 35	6 39
T 26	20 51	15 15	4 46	14 26	2 2	19 27	0 35	12 54	2 9	1 58	1 26	22 16	1 3	15 24	0 25	1 6	1 14	1 28	16 41	19 32	19 26	20 53	14 34	6 38
F 27	21 2	11 18	5 11	14 55	1 56	19 45	0 33	12 46	2 10	1 57	1 26	22 17	1 3	15 23	0 25	1 6	1 14	1 28	16 41	19 32	19 25	20 53	14 34	6 38
S 28	21 13	6 54	5 18	15 24	1 50	20 3	0 30	12 39	2 12	1 57	1 26	22 17	1 3	15 23	0 25	1 5	1 14	1 28	16 41	19 32	19 25	20 53	14 34	6 38
S 29	21 24	2 18	5 7	15 53	1 44	20 20	0 28	12 32	2 13	1 56	1 26	22 18	1 3	15 22	0 25	1 5	1 14	1 28	16 41	19 32	19 24	20 53	14 33	6 37
M30	21s34	2s17	4s42	16s22	1n38	20s36	0n26	12n24	2n15	1s55	1s25	22s18	1n 3	15n21	0s25	1n 4	1n14	1s28	16s41	19s32	19s23	20s53	14s33	6n37

Julian Day Number = 2490199.5, Delta T = 95.95 sec
Ecliptic obliquity = 23°25'27, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'08, Lahiri = 25°20'09

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ASTRODIENST EPHEMERIS for the year 2105
geocentric

DECEMBER 2105 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 57	8♐37'22	7♎23	22♏14	5♐45	3♍38	28♓29	25♐31	13°R 1	0♎11	8°R36	27♏17	26♏34	12♐52	25♑25	T 1
W 2	4 42 54	9°38'09	19°39	23°42	7° 0	4° 1	28°30	25°38	12♉58	0°12	8♉35	27°18	26°30	12°59	25°29	W 2
T 3	4 46 51	10°38'57	1♏43	25°11	8°15	4°24	28°32	25°45	12°56	0°13	8°34	27°20	26°27	13° 6	25°33	T 3
F 4	4 50 47	11°39'47	13°39	26°41	9°31	4°46	28°34	25°51	12°54	0°14	8°33	27°21	26°24	13°12	25°37	F 4
S 5	4 54 44	12°40'38	25°29	28°12	10°46	5° 8	28°36	25°58	12°52	0°15	8°32	27°R21	26°21	13°19	25°42	S 5
S 6	4 58 40	13°41'31	7♐17	29°42	12° 2	5°30	28°39	26° 5	12°50	0°16	8°31	27°21	26°18	13°26	25°46	S 6
M 7	5 2 37	14°42'24	19° 5	1♐14	13°17	5°51	28°41	26°12	12°48	0°17	8°31	27°20	26°15	13°32	25°50	M 7
T 8	5 6 33	15°43'19	0♑54	2°45	14°33	6°12	28°44	26°19	12°46	0°17	8°30	27°17	26°11	13°39	25°55	T 8
W 9	5 10 30	16°44'14	12°46	4°17	15°48	6°33	28°47	26°26	12°44	0°18	8°29	27°14	26° 8	13°46	25°59	W 9
T 10	5 14 26	17°45'10	24°45	5°49	17° 4	6°53	28°50	26°33	12°42	0°19	8°28	27°11	26° 5	13°52	26° 4	T 10
F 11	5 18 23	18°46'08	6♒52	7°21	18°19	7°12	28°54	26°41	12°40	0°20	8°27	27° 7	26° 2	13°59	26° 9	F 11
S 12	5 22 20	19°47'05	19°10	8°54	19°35	7°32	28°57	26°48	12°39	0°21	8°26	27° 4	25°59	14° 6	26°13	S 12
S 13	5 26 16	20°48'04	1♓41	10°26	20°50	7°51	29° 1	26°55	12°37	0°21	8°26	27° 2	25°56	14°12	26°18	S 13
M14	5 30 13	21°49'03	14°30	11°59	22° 6	8° 9	29° 5	27° 2	12°35	0°22	8°25	27° 0	25°52	14°19	26°22	M14
T 15	5 34 9	22°50'02	27°39	13°32	23°21	8°27	29°10	27° 9	12°33	0°23	8°24	27°D 0	25°49	14°25	26°27	T 15
W16	5 38 6	23°51'02	11♈12	15° 4	24°37	8°45	29°14	27°16	12°32	0°23	8°23	27° 1	25°46	14°32	26°32	W16
T 17	5 42 2	24°52'03	25° 9	16°38	25°52	9° 2	29°18	27°23	12°30	0°24	8°22	27° 3	25°43	14°39	26°37	T 17
F 18	5 45 59	25°53'04	9♉32	18°11	27° 8	9°19	29°23	27°30	12°28	0°24	8°22	27° 4	25°40	14°45	26°42	F 18
S 19	5 49 55	26°54'06	24°18	19°44	28°23	9°35	29°28	27°37	12°27	0°25	8°21	27°R 5	25°36	14°52	26°46	S 19
S 20	5 53 52	27°55'08	9♊21	21°17	29°39	9°51	29°33	27°44	12°25	0°25	8°20	27° 5	25°33	14°59	26°51	S 20
M21	5 57 49	28°56'10	24°34	22°51	0♑54	10° 6	29°39	27°51	12°24	0°26	8°20	27° 3	25°30	15° 5	26°56	M21
T 22	6 1 45	29°57'13	9♋48	24°25	2°10	10°21	29°44	27°58	12°22	0°26	8°19	26°59	25°27	15°12	27° 1	T 22
W23	6 5 42	0♑58'17	24°51	25°58	3°25	10°35	29°50	28° 6	12°21	0°26	8°18	26°54	25°24	15°19	27° 6	W23
T 24	6 9 38	1°59'21	9♌35	27°33	4°41	10°48	29°56	28°13	12°19	0°27	8°18	26°48	25°21	15°25	27°11	T 24
F 25	6 13 35	3° 0'26	23°53	29° 7	5°56	11° 2	0♈ 2	28°20	12°18	0°27	8°17	26°43	25°17	15°32	27°16	F 25
S 26	6 17 31	4° 1'32	7♍42	0♑41	7°12	11°14	0° 8	28°27	12°17	0°27	8°17	26°39	25°14	15°39	27°21	S 26
S 27	6 21 28	5° 2'38	21° 2	2°16	8°27	11°26	0°14	28°34	12°16	0°27	8°16	26°36	25°11	15°45	27°26	S 27
M28	6 25 25	6° 3'45	3♎55	3°51	9°43	11°38	0°21	28°41	12°14	0°28	8°16	26°D35	25° 8	15°52	27°31	M28
T 29	6 29 21	7° 4'53	16°26	5°26	10°58	11°49	0°27	28°48	12°13	0°28	8°15	26°36	25° 5	15°59	27°36	T 29
W30	6 33 18	8° 6'01	28°38	7° 1	12°14	11°59	0°34	28°55	12°12	0°28	8°15	26°37	25° 2	16° 5	27°42	W30
T 31	6 37 14	9♑ 7'09	10♏36	8♑37	13♑29	12♍ 9	0♈41	29♐ 2	12♉11	0♎28	8♉14	26♏39	24♏58	16♐12	27♑47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s44	6s39	4s 3	16s51	1n31	20s52	0n24	12n17	2n16	1s54	1s25	22s18	1n 3	15n21	0s24	1n 4	1n14	1s28	16s40	19s32	19s22	20s53	14s33	6n36
W 2	21 53	10 41	3 14	17 19	1 25	21 7	0 21	12 10	2 18	1 54	1 25	22 19	1 3	15 20	0 24	1 4	1 15	1 28	16 40	19 33	19 22	20 53	14 32	6 36
T 3	22 2	14 13	2 18	17 48	1 18	21 21	0 19	12 3	2 20	1 53	1 25	22 19	1 3	15 19	0 24	1 3	1 15	1 29	16 40	19 33	19 21	20 53	14 32	6 36
F 4	22 10	17 7	1 15	18 16	1 11	21 35	0 17	11 57	2 21	1 51	1 24	22 19	1 2	15 19	0 24	1 3	1 15	1 29	16 40	19 33	19 20	20 53	14 31	6 35
S 5	22 18	19 17	0 10	18 43	1 3	21 49	0 14	11 50	2 23	1 50	1 24	22 19	1 2	15 18	0 24	1 3	1 15	1 29	16 40	19 33	19 19	20 53	14 31	6 35
S 6	22 26	20 37	0n55	19 10	0 56	22 1	0 12	11 44	2 24	1 49	1 24	22 20	1 2	15 18	0 24	1 2	1 15	1 29	16 39	19 33	19 19	20 53	14 30	6 35
M 7	22 33	21 1	1 57	19 36	0 49	22 13	0 9	11 37	2 26	1 48	1 23	22 20	1 2	15 17	0 24	1 2	1 15	1 29	16 39	19 33	19 18	20 53	14 30	6 34
T 8	22 40	20 30	2 55	20 1	0 42	22 25	0 7	11 31	2 28	1 46	1 23	22 20	1 2	15 16	0 24	1 2	1 15	1 29	16 39	19 32	19 17	20 53	14 29	6 34
W 9	22 46	19 4	3 45	20 25	0 34	22 35	0 5	11 25	2 29	1 45	1 23	22 21	1 2	15 16	0 24	1 1	1 15	1 29	16 39	19 32	19 16	20 53	14 29	6 34
T 10	22 52	16 48	4 26	20 49	0 27	22 45	0 2	11 19	2 31	1 43	1 23	22 21	1 2	15 15	0 24	1 1	1 15	1 29	16 39	19 31	19 16	20 53	14 28	6 34
F 11	22 57	13 46	4 56	21 12	0 20	22 55	0s 0	11 13	2 33	1 42	1 22	22 21	1 2	15 15	0 24	1 1	1 15	1 29	16 38	19 30	19 15	20 53	14 28	6 33
S 12	23 2	10 7	5 12	21 33	0 13	23 3	0 3	11 8	2 34	1 40	1 22	22 21	1 2	15 14	0 24	1 1	1 15	1 29	16 38	19 29	19 14	20 53	14 27	6 33
S 13	23 6	5 58	5 14	21 54	0 6	23 11	0 5	11 2	2 36	1 38	1 22	22 22	1 2	15 14	0 24	1 0	1 15	1 29	16 38	19 29	19 13	20 53	14 27	6 33
M14	23 10	1 28	5 0	22 14	0s 1	23 19	0 7	10 57	2 38	1 37	1 22	22 22	1 2	15 13	0 24	1 0	1 15	1 29	16 38	19 29	19 13	20 53	14 26	6 32
T 15	23 14	3n13	4 31	22 33	0 8	23 25	0 10	10 52	2 40	1 35	1 21	22 22	1 2	15 13	0 24	1 0	1 15	1 29	16 37	19 29	19 12	20 53	14 26	6 32
W16	23 17	7 54	3 46	22 50	0 15	23 31	0 12	10 47	2 41	1 33	1 21	22 22	1 2	15 12	0 24	1 0	1 15	1 29	16 37	19 29	19 11	20 53	14 25	6 32
T 17	23 19	12 19	2 47	23 7	0 22	23 36	0 14	10 42	2 43	1 31	1 21	22 22	1 1	15 12	0 24	1 0	1 15	1 29	16 37	19 29	19 10	20 53	14 24	6 32
F 18	23 22	16 10	1 35	23 22	0 28	23 40	0 17	10 37	2 45	1 28	1 20	22 23	1 1	15 11	0 24	0 59	1 15	1 29	16 36	19 29	19 10	20 53	14 24	6 31
S 19	23 23	19 5	0 15	23 36	0 35	23 44	0 19	10 33	2 47	1 26	1 20	22 23	1 1	15 11	0 24	0 59	1 15	1 29	16 36	19 30	19 9	20 53	14 23	6 31
S 20	23 24	20 44	1s 7	23 50	0 41	23 47	0 21	10 28	2 49	1 24	1 20	22 23	1 1	15 10	0 24	0 59	1 15	1 29	16 36	19 30	19 8	20 52	14 22	6 31
M21	23 25	20 54	2 25	24 1	0 48	23 49	0 24	10 24	2 50	1 22	1 20	22 23	1 1	15 10	0 24	0 59	1 15	1 29	16 36	19 29	19 7	20 52	14 22	6 31
T 22	23 25	19 32	3 33	24 12	0 54	23 50	0 26	10 20	2 52	1 19	1 19	22 23	1 1	15 9	0 24	0 59	1 15	1 29	16 35	19 28	19 7	20 52	14 21	6 31
W23	23 25	16 48	4 25	24 21	1 0	23 51	0 28	10 17	2 54	1 17	1 19	22 24	1 1	15 9	0 24	0 59	1 16	1 28	16 35	19 27	19 6	20 52	14 20	6 30
T 24	23 25	13 3	4 58	24 29	1 5	23 51	0 31	10 13	2 56	1 14	1 19	22 24	1 1	15 9	0 24	0 59	1 16	1 28	16 35	19 26	19 5	20 52	14 19	6 30
F 25	23 23	8 39	5 11	24 36	1 11	23 50	0 33	10 10	2 58	1 12	1 19	22 24	1 1	15 8	0 24	0 59	1 16	1 28	16 34	19 25	19 4	20 52	14 19	6 30
S 26	23 22	3 56	5 6	24 42	1 16	23 49	0 35	10 7	3 0	1 9	1 18	22 24	1 1	15 8	0 24	0 59	1 16	1 28	16 34	19 24	19 4	20 52	14 18	6 30
S 27	23 20	0s48	4 44	24 46	1 21	23 47	0 37	10 4	3 2	1 6	1 18	22 24	1 1	15 8	0 24	0 59	1 16	1 28	16 34	19 23	19 3	20 52	14 17	6 30
M28	23 17	5 21	4 8	24 48	1 26	23 44	0 39	10 2	3 4	1 3	1 18	22 24	1 1	15 7	0 24	0 59	1 16	1 28	16 34	19 23	19 2	20 52	14 16	6 29
T 29	23 14	9 33	3 22	24 50	1 31	23 40	0 42	9 59	3 6	1 0	1 18	22 24	1 1	15 7	0 24	0 59	1 16	1 28	16 33	19 23	19 1	20 51	14 16	6 29
W30	23 11	13 16	2 27	24 50	1 36	23 35	0 44	9 57	3 8	0 57	1 17	22 24	1 1	15 7	0 24	0 59	1 16	1 28	16 33	19 23	19 1	20 51	14 15	6 29
T 31	23s 7	16s22	1s26	24s48	1s40	23s30	0s46	9n55	3n10	0s54	1s17	22s25	1n 1	15n 6	0s24	0n59	1n16	1s27	16s33	19s24	19s 0	20s51	14s14	6n29

Julian Day Number = 2490229.5, Delta T = 95.99 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'12, Lahiri = 25°20'13

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ASTRODIENST EPHEMERIS for the year 2106
geocentric

JANUARY 2106 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 41 11	10♑ 8'18	22♏27	10♑13	14♑45	12♍18	0♈48	29♐ 9	12°R10	0♎28	8°R14	26°R40	24♏55	16♐19	27♑52	F 1
S 2	6 45 7	11° 9'28	4♐13	11°49	16° 0	12°26	0°56	29°16	12♉ 9	0°R28	8♉13	26♏39	24°52	16°25	27°57	S 2
S 3	6 49 4	12°10'38	16° 0	13°26	17°15	12°34	1° 3	29°23	12° 8	0°28	8°13	26°37	24°49	16°32	28° 2	S 3
M 4	6 53 0	13°11'48	27°49	15° 3	18°31	12°41	1°11	29°30	12° 7	0°28	8°12	26°33	24°46	16°39	28° 7	M 4
T 5	6 56 57	14°12'58	9♑44	16°40	19°46	12°48	1°19	29°37	12° 7	0°28	8°12	26°26	24°42	16°45	28°13	T 5
W 6	7 0 54	15°14'08	21°46	18°18	21° 2	12°54	1°27	29°44	12° 6	0°28	8°12	26°17	24°39	16°52	28°18	W 6
T 7	7 4 50	16°15'18	3♒56	19°56	22°17	12°59	1°35	29°51	12° 5	0°27	8°11	26° 7	24°36	16°59	28°23	T 7
F 8	7 8 47	17°16'28	16°15	21°34	23°33	13° 3	1°43	29°58	12° 4	0°27	8°11	25°57	24°33	17° 5	28°28	F 8
S 9	7 12 43	18°17'38	28°44	23°13	24°48	13° 7	1°52	0♑ 5	12° 4	0°27	8°11	25°48	24°30	17°12	28°34	S 9
S 10	7 16 40	19°18'47	11♓26	24°52	26° 4	13°10	2° 0	0°11	12° 3	0°27	8°10	25°40	24°27	17°19	28°39	S 10
M11	7 20 36	20°19'56	24°20	26°31	27°19	13°12	2° 9	0°18	12° 3	0°26	8°10	25°34	24°23	17°25	28°44	M11
T 12	7 24 33	21°21'05	7♈29	28°11	28°34	13°14	2°18	0°25	12° 2	0°26	8°10	25°31	24°20	17°32	28°50	T 12
W13	7 28 29	22°22'13	20°55	29°51	29°50	13°14	2°27	0°32	12° 2	0°26	8°10	25°D30	24°17	17°38	28°55	W13
T 14	7 32 26	23°23'20	4♉39	1♒31	1♒ 5	13°R15	2°36	0°39	12° 2	0°25	8° 9	25°30	24°14	17°45	29° 0	T 14
F 15	7 36 23	24°24'27	18°44	3°12	2°21	13°14	2°45	0°45	12° 1	0°25	8° 9	25°R31	24°11	17°52	29° 6	F 15
S 16	7 40 19	25°25'33	3♊ 9	4°52	3°36	13°12	2°54	0°52	12° 1	0°24	8° 9	25°31	24° 8	17°58	29°11	S 16
S 17	7 44 16	26°26'39	17°52	6°33	4°51	13°10	3° 4	0°59	12° 1	0°24	8° 9	25°29	24° 4	18° 5	29°16	S 17
M18	7 48 12	27°27'44	2♋47	8°14	6° 7	13° 7	3°14	1° 5	12° 1	0°23	8° 9	25°24	24° 1	18°12	29°22	M18
T 19	7 52 9	28°28'48	17°47	9°54	7°22	13° 3	3°23	1°12	12° 1	0°23	8° 9	25°17	23°58	18°18	29°27	T 19
W20	7 56 5	29°29'52	2♌43	11°35	8°37	12°59	3°33	1°18	12°D 1	0°22	8° 9	25° 8	23°55	18°25	29°32	W20
T 21	8 0 2	0♒30'55	17°27	13°15	9°53	12°53	3°43	1°25	12° 1	0°22	8° 9	24°57	23°52	18°32	29°38	T 21
F 22	8 3 58	1°31'58	1♍49	14°54	11° 8	12°47	3°53	1°31	12° 1	0°21	8°D 9	24°46	23°48	18°38	29°43	F 22
S 23	8 7 55	2°33'00	15°45	16°33	12°23	12°40	4° 4	1°38	12° 1	0°20	8° 9	24°37	23°45	18°45	29°48	S 23
S 24	8 11 52	3°34'02	29°12	18°11	13°39	12°32	4°14	1°44	12° 1	0°20	8° 9	24°30	23°42	18°52	29°54	S 24
M25	8 15 48	4°35'03	12♎11	19°48	14°54	12°24	4°25	1°51	12° 1	0°19	8° 9	24°25	23°39	18°58	29°59	M25
T 26	8 19 45	5°36'04	24°46	21°23	16° 9	12°14	4°35	1°57	12° 1	0°18	8° 9	24°23	23°36	19° 5	0♒ 4	T 26
W27	8 23 41	6°37'04	7♏ 0	22°56	17°25	12° 4	4°46	2° 3	12° 2	0°17	8° 9	24°D22	23°33	19°12	0°10	W27
T 28	8 27 38	7°38'04	19° 0	24°26	18°40	11°53	4°57	2° 9	12° 2	0°16	8° 9	24°R22	23°29	19°18	0°15	T 28
F 29	8 31 34	8°39'04	0♐50	25°54	19°55	11°41	5° 8	2°16	12° 3	0°16	8° 9	24°22	23°26	19°25	0°20	F 29
S 30	8 35 31	9°40'03	12°37	27°18	21°10	11°29	5°19	2°22	12° 3	0°15	8° 9	24°21	23°23	19°32	0°25	S 30
S 31	8 39 27	10♒41'01	24♐24	28♒37	22♒26	11♍15	5♈30	2♑28	12♉ 4	0♎14	8♉10	24♏17	23♏20	19♐38	0♒31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 2	18s44	0s23	24s45	1s44	23s24	0s48	9n54	3n12	0s51	1s17	22s25	1n 1	15n 6	0s24	0n59	1n16	1s27	16s32	19s24	18s59	20s51	14s13	6n29
S 2	22 57	20 18	0n41	24 41	1 47	23 17	0 50	9 52	3 14	0 48	1 17	22 25	1 1	15 6	0 24	0 59	1 16	1 27	16 32	19 24	18 58	20 51	14 12	6 29
S 3	22 52	20 59	1 43	24 35	1 51	23 10	0 52	9 51	3 16	0 45	1 16	22 25	1 1	15 5	0 24	0 59	1 16	1 27	16 32	19 23	18 58	20 51	14 11	6 29
M 4	22 46	20 44	2 40	24 28	1 54	23 2	0 54	9 50	3 18	0 42	1 16	22 25	1 0	15 5	0 24	0 59	1 16	1 27	16 31	19 22	18 57	20 50	14 11	6 28
T 5	22 40	19 33	3 31	24 19	1 57	22 53	0 56	9 49	3 20	0 38	1 16	22 25	1 0	15 5	0 24	0 59	1 16	1 27	16 31	19 21	18 56	20 50	14 10	6 28
W 6	22 33	17 30	4 13	24 9	2 0	22 44	0 58	9 49	3 22	0 35	1 16	22 25	1 0	15 5	0 24	0 59	1 16	1 26	16 31	19 19	18 55	20 50	14 9	6 28
T 7	22 26	14 39	4 44	23 57	2 2	22 34	0 59	9 49	3 24	0 32	1 15	22 25	1 0	15 5	0 24	0 59	1 16	1 26	16 30	19 16	18 54	20 50	14 8	6 28
F 8	22 19	11 9	5 2	23 44	2 4	22 23	1 1	9 49	3 26	0 28	1 15	22 25	1 0	15 4	0 24	0 59	1 16	1 26	16 30	19 14	18 54	20 50	14 7	6 28
S 9	22 10	7 7	5 6	23 29	2 5	22 11	1 3	9 50	3 28	0 24	1 15	22 25	1 0	15 4	0 24	0 59	1 16	1 26	16 30	19 12	18 53	20 50	14 6	6 28
S 10	22 2	2 44	4 55	23 13	2 6	21 59	1 5	9 50	3 30	0 21	1 15	22 25	1 0	15 4	0 24	1 0	1 16	1 25	16 29	19 10	18 52	20 49	14 5	6 28
M11	21 53	1n52	4 29	22 55	2 7	21 46	1 6	9 51	3 32	0 17	1 15	22 25	1 0	15 4	0 24	1 0	1 17	1 25	16 29	19 8	18 51	20 49	14 4	6 28
T 12	21 44	6 28	3 48	22 35	2 7	21 32	1 8	9 53	3 34	0 14	1 14	22 25	1 0	15 4	0 24	1 0	1 17	1 25	16 29	19 8	18 51	20 49	14 3	6 28
W13	21 34	10 51	2 54	22 14	2 7	21 18	1 9	9 54	3 36	0 10	1 14	22 25	1 0	15 4	0 23	1 0	1 17	1 25	16 28	19 7	18 50	20 49	14 2	6 28
T 14	21 24	14 47	1 49	21 52	2 7	21 3	1 11	9 56	3 38	0 6	1 14	22 25	1 0	15 4	0 23	1 0	1 17	1 24	16 28	19 7	18 49	20 49	14 1	6 28
F 15	21 13	17 58	0 36	21 28	2 6	20 48	1 12	9 58	3 40	0 2	1 14	22 25	1 0	15 4	0 23	1 0	1 17	1 24	16 28	19 8	18 48	20 48	14 0	6 28
S 16	21 2	20 6	0s41	21 2	2 4	20 32	1 14	10 1	3 42	0n 2	1 14	22 25	1 0	15 4	0 23	1 1	1 17	1 24	16 27	19 8	18 47	20 48	13 59	6 28
S 17	20 51	20 56	1 57	20 35	2 2	20 15	1 15	10 3	3 44	0 6	1 13	22 25	1 0	15 4	0 23	1 1	1 17	1 24	16 27	19 7	18 47	20 48	13 58	6 28
M18	20 39	20 19	3 5	20 7	1 59	19 58	1 16	10 7	3 46	0 10	1 13	22 25	1 0	15 4	0 23	1 1	1 17	1 23	16 27	19 6	18 46	20 48	13 57	6 28
T 19	20 27	18 15	4 1	19 37	1 56	19 40	1 18	10 10	3 48	0 14	1 13	22 25	1 0	15 4	0 23	1 1	1 17	1 23	16 26	19 4	18 45	20 48	13 56	6 28
W20	20 15	14 59	4 41	19 6	1 52	19 22	1 19	10 13	3 50	0 18	1 13	22 25	1 0	15 4	0 23	1 2	1 17	1 23	16 26	19 2	18 44	20 47	13 55	6 28
T 21	20 2	10 49	5 1	18 33	1 48	19 3	1 20	10 17	3 52	0 22	1 12	22 25	1 0	15 4	0 23	1 2	1 17	1 22	16 25	19 0	18 44	20 47	13 54	6 28
F 22	19 48	6 8	5 1	17 59	1 42	18 43	1 21	10 21	3 54	0 26	1 12	22 25	1 0	15 4	0 23	1 2	1 17	1 22	16 25	18 57	18 43	20 47	13 53	6 28
S 23	19 35	1 16	4 43	17 24	1 36	18 23	1 22	10 26	3 56	0 31	1 12	22 25	1 0	15 4	0 23	1 3	1 17	1 22	16 25	18 55	18 42	20 47	13 51	6 28
S 24	19 21	3s30	4 10	16 48	1 30	18 3	1 23	10 31	3 58	0 35	1 12	22 25	1 0	15 4	0 23	1 3	1 17	1 21	16 24	18 53	18 41	20 46	13 50	6 28
M25	19 6	7 57	3 25	16 10	1 22	17 42	1 24	10 36	4 0	0 39	1 12	22 25	1 0	15 4	0 23	1 3	1 17	1 21	16 24	18 52	18 40	20 46	13 49	6 28
T 26	18 52	11 55	2 31	15 32	1 14	17 20	1 25	10 41	4 1	0 44	1 12	22 25	1 0	15 4	0 23	1 4	1 17	1 21	16 24	18 51	18 40	20 46	13 48	6 28
W27	18 36	15 17	1 31	14 54	1 5	16 58	1 26	10 47	4 3	0 48	1 11	22 25	1 0	15 4	0 23	1 4	1 17	1 20	16 23	18 51	18 39	20 46	13 47	6 28
T 28	18 21	17 55	0 29	14 14	0 55	16 35	1 26	10 52	4 5	0 52	1 11	22 25	1 0	15 4	0 23	1 4	1 17	1 20	16 23	18 51	18 38	20 45	13 46	6 28
F 29	18 5	19 45	0n34	13 35	0 45	16 12	1 27	10 59	4 7	0 57	1 11	22 24	1 0	15 4	0 23	1 5	1 17	1 19	16 23	18 51	18 37	20 45	13 45	6 28
S 30	17 49	20 43	1 35	12 55	0 33	15 49	1 27	11 5	4 8	1 2	1 11	22 24	1 0	15 5	0 23	1 5	1 17	1 19	16 22	18 51	18 36	20 45	13 44	6 28
S 31	17s33	20s46	2n32	12s16	0s21	15s25	1s28	11n11	4n10	1n 6	1s11	22s24	1n 0	15n 5	0s23	1n 6	1n17	1s19	16s22	18s50	18s36	20s44	13s42	6n28

Julian Day Number = 2490260.5, Delta T = 96.03 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'17, Lahiri = 25°20'17

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ASTRODIENST EPHEMERIS for the year 2106
geocentric

FEBRUARY 2106 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 43 24	11♒41'58	6♑17	29♒52	23♒41	11°R 1	5♈41	2♑34	12♉ 4	0°R13	8♉10	24°R10	23♏17	19♐45	0♒36	M 1
T 2	8 47 21	12°42'55	18°18	1♓ 2	24°56	10♍46	5°52	2°40	12° 5	0♎12	8°10	24♏ 1	23°14	19°52	0°41	T 2
W 3	8 51 17	13°43'51	0♒30	2° 5	26°11	10°31	6° 4	2°46	12° 6	0°11	8°10	23°48	23°10	19°58	0°46	W 3
T 4	8 55 14	14°44'45	12°54	3° 1	27°26	10°14	6°15	2°52	12° 6	0°10	8°11	23°35	23° 7	20° 5	0°52	T 4
F 5	8 59 10	15°45'39	25°31	3°48	28°41	9°57	6°27	2°58	12° 7	0° 9	8°11	23°20	23° 4	20°12	0°57	F 5
S 6	9 3 7	16°46'32	8♓19	4°28	29°57	9°40	6°39	3° 3	12° 8	0° 8	8°11	23° 7	23° 1	20°18	1° 2	S 6
S 7	9 7 3	17°47'23	21°19	4°57	1♓12	9°21	6°51	3° 9	12° 9	0° 7	8°12	22°55	22°58	20°25	1° 7	S 7
M 8	9 11 0	18°48'13	4♈30	5°17	2°27	9° 3	7° 3	3°15	12°10	0° 5	8°12	22°47	22°54	20°32	1°12	M 8
T 9	9 14 56	19°49'01	17°51	5°R26	3°42	8°43	7°15	3°20	12°11	0° 4	8°12	22°41	22°51	20°38	1°17	T 9
W10	9 18 53	20°49'48	1♉24	5°24	4°57	8°23	7°27	3°26	12°12	0° 3	8°13	22°38	22°48	20°45	1°23	W10
T 11	9 22 50	21°50'34	15° 8	5°11	6°12	8° 2	7°39	3°31	12°13	0° 2	8°13	22°38	22°45	20°52	1°28	T 11
F 12	9 26 46	22°51'18	29° 4	4°48	7°27	7°41	7°51	3°37	12°14	0° 1	8°14	22°37	22°42	20°58	1°33	F 12
S 13	9 30 43	23°52'01	13♊13	4°14	8°42	7°20	8° 3	3°42	12°15	29♍59	8°14	22°37	22°39	21° 5	1°38	S 13
S 14	9 34 39	24°52'41	27°33	3°31	9°57	6°58	8°16	3°48	12°17	29°58	8°15	22°34	22°35	21°12	1°43	S 14
M15	9 38 36	25°53'21	12♋ 3	2°39	11°12	6°35	8°28	3°53	12°18	29°57	8°15	22°29	22°32	21°18	1°48	M15
T 16	9 42 32	26°53'58	26°37	1°41	12°27	6°13	8°41	3°58	12°19	29°56	8°16	22°21	22°29	21°25	1°53	T 16
W17	9 46 29	27°54'34	11♌10	0°38	13°42	5°50	8°54	4° 3	12°21	29°54	8°16	22°10	22°26	21°32	1°58	W17
T 18	9 50 25	28°55'09	25°35	29♒31	14°57	5°27	9° 6	4° 8	12°22	29°53	8°17	21°58	22°23	21°38	2° 2	T 18
F 19	9 54 22	29°55'42	9♍44	28°22	16°11	5° 3	9°19	4°13	12°24	29°51	8°17	21°45	22°19	21°45	2° 7	F 19
S 20	9 58 19	0♓56'13	23°33	27°13	17°26	4°39	9°32	4°18	12°25	29°50	8°18	21°34	22°16	21°52	2°12	S 20
S 21	10 2 15	1°56'43	6♎58	26° 7	18°41	4°16	9°45	4°23	12°27	29°49	8°19	21°25	22°13	21°58	2°17	S 21
M22	10 6 12	2°57'12	19°58	25° 4	19°56	3°52	9°58	4°28	12°28	29°47	8°19	21°19	22°10	22° 5	2°22	M22
T 23	10 10 8	3°57'39	2♏36	24° 5	21°11	3°28	10°11	4°33	12°30	29°46	8°20	21°15	22° 7	22°12	2°26	T 23
W24	10 14 5	4°58'05	14°53	23°12	22°25	3° 4	10°24	4°37	12°32	29°44	8°21	21°14	22° 4	22°18	2°31	W24
T 25	10 18 1	5°58'30	26°56	22°26	23°40	2°40	10°37	4°42	12°34	29°43	8°21	21°D14	22° 0	22°25	2°36	T 25
F 26	10 21 58	6°58'53	8♐48	21°46	24°55	2°17	10°50	4°46	12°35	29°41	8°22	21°R14	21°57	22°32	2°40	F 26
S 27	10 25 54	7°59'15	20°37	21°14	26° 9	1°53	11° 4	4°51	12°37	29°40	8°23	21°13	21°54	22°38	2°45	S 27
S 28	10 29 51	8♓59'36	2♑26	20♒49	27♓24	1♍30	11♈17	4♑55	12♉39	29♍38	8♉23	21♏11	21♏51	22♐45	2♒50	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s16	19s54	3n23	11s38	0s 8	15s 1	1s28	11n18	4n12	1n11	1s10	22s24	1n 0	15n 5	0s23	1n 6	1n17	1s18	16s22	18s48	18s35	20s44	13s41	6n28
T 2	16 59	18 8	4 5	11 0	0n 6	14 36	1 29	11 25	4 13	1 15	1 10	22 24	1 0	15 5	0 23	1 6	1 18	1 18	16 21	18 46	18 34	20 44	13 40	6 28
W 3	16 42	15 32	4 36	10 24	0 21	14 11	1 29	11 33	4 14	1 20	1 10	22 24	1 0	15 6	0 23	1 7	1 18	1 17	16 21	18 43	18 33	20 44	13 39	6 28
T 4	16 24	12 12	4 55	9 50	0 37	13 45	1 29	11 40	4 16	1 25	1 10	22 24	1 0	15 6	0 23	1 7	1 18	1 17	16 20	18 39	18 32	20 43	13 38	6 28
F 5	16 6	8 18	5 0	9 17	0 53	13 19	1 30	11 48	4 17	1 30	1 10	22 24	1 0	15 6	0 23	1 8	1 18	1 17	16 20	18 36	18 32	20 43	13 36	6 29
S 6	15 48	3 58	4 50	8 48	1 9	12 53	1 30	11 56	4 18	1 34	1 10	22 24	1 0	15 6	0 23	1 8	1 18	1 16	16 20	18 32	18 31	20 43	13 35	6 29
S 7	15 29	0n37	4 25	8 21	1 26	12 26	1 30	12 4	4 20	1 39	1 9	22 23	1 0	15 7	0 23	1 9	1 18	1 16	16 19	18 29	18 30	20 42	13 34	6 29
M 8	15 11	5 14	3 45	7 59	1 43	12 0	1 30	12 12	4 21	1 44	1 9	22 23	1 0	15 7	0 23	1 9	1 18	1 15	16 19	18 27	18 29	20 42	13 33	6 29
T 9	14 52	9 40	2 53	7 40	1 59	11 32	1 30	12 20	4 22	1 49	1 9	22 23	1 0	15 7	0 23	1 10	1 18	1 15	16 19	18 26	18 28	20 42	13 32	6 29
W10	14 33	13 40	1 50	7 25	2 16	11 5	1 30	12 29	4 23	1 54	1 9	22 23	1 0	15 8	0 23	1 10	1 18	1 14	16 18	18 25	18 28	20 41	13 30	6 29
T 11	14 13	17 0	0 40	7 15	2 32	10 37	1 29	12 37	4 23	1 59	1 9	22 23	1 0	15 8	0 23	1 11	1 18	1 14	16 18	18 25	18 27	20 41	13 29	6 29
F 12	13 53	19 23	0s34	7 10	2 47	10 9	1 29	12 46	4 24	2 4	1 9	22 23	1 0	15 8	0 23	1 11	1 18	1 13	16 18	18 25	18 26	20 41	13 28	6 30
S 13	13 33	20 36	1 47	7 9	3 0	9 40	1 29	12 54	4 25	2 9	1 9	22 23	1 0	15 9	0 23	1 12	1 18	1 13	16 17	18 25	18 25	20 40	13 27	6 30
S 14	13 13	20 31	2 53	7 13	3 12	9 12	1 28	13 3	4 25	2 14	1 8	22 22	1 0	15 9	0 23	1 12	1 18	1 12	16 17	18 24	18 24	20 40	13 25	6 30
M15	12 53	19 4	3 50	7 22	3 23	8 43	1 28	13 12	4 26	2 19	1 8	22 22	1 0	15 10	0 23	1 13	1 18	1 12	16 17	18 23	18 24	20 40	13 24	6 30
T 16	12 32	16 23	4 31	7 35	3 31	8 14	1 27	13 21	4 26	2 24	1 8	22 22	1 0	15 10	0 23	1 13	1 18	1 12	16 16	18 21	18 23	20 39	13 23	6 30
W17	12 12	12 41	4 55	7 51	3 38	7 45	1 27	13 29	4 26	2 29	1 8	22 22	1 0	15 10	0 23	1 14	1 18	1 11	16 16	18 18	18 22	20 39	13 22	6 31
T 18	11 51	8 16	5 0	8 11	3 41	7 15	1 26	13 38	4 26	2 34	1 8	22 22	1 0	15 11	0 22	1 15	1 18	1 11	16 16	18 15	18 21	20 39	13 20	6 31
F 19	11 29	3 30	4 46	8 33	3 43	6 45	1 25	13 47	4 26	2 39	1 8	22 22	1 0	15 11	0 22	1 15	1 18	1 10	16 15	18 12	18 20	20 38	13 19	6 31
S 20	11 8	1s21	4 16	8 57	3 42	6 15	1 24	13 55	4 26	2 44	1 8	22 21	1 0	15 12	0 22	1 16	1 18	1 10	16 15	18 9	18 20	20 38	13 18	6 31
S 21	10 47	6 0	3 32	9 22	3 39	5 45	1 24	14 4	4 26	2 49	1 7	22 21	1 0	15 12	0 22	1 16	1 18	1 9	16 15	18 6	18 19	20 38	13 17	6 31
M22	10 25	10 14	2 38	9 48	3 34	5 15	1 23	14 13	4 26	2 55	1 7	22 21	1 0	15 13	0 22	1 17	1 18	1 9	16 14	18 5	18 18	20 37	13 15	6 32
T 23	10 3	13 53	1 37	10 13	3 27	4 45	1 22	14 21	4 25	3 0	1 7	22 21	1 0	15 13	0 22	1 17	1 18	1 8	16 14	18 4	18 17	20 37	13 14	6 32
W24	9 41	16 50	0 34	10 39	3 19	4 14	1 21	14 29	4 25	3 5	1 7	22 21	1 0	15 14	0 22	1 18	1 18	1 8	16 14	18 3	18 16	20 36	13 13	6 32
T 25	9 19	18 58	0n30	11 3	3 9	3 44	1 19	14 37	4 24	3 10	1 7	22 21	1 0	15 15	0 22	1 19	1 18	1 7	16 13	18 3	18 15	20 36	13 12	6 32
F 26	8 57	20 14	1 32	11 26	2 57	3 13	1 18	14 45	4 24	3 16	1 7	22 20	1 0	15 15	0 22	1 19	1 18	1 7	16 13	18 3	18 15	20 36	13 10	6 33
S 27	8 34	20 36	2 29	11 48	2 46	2 42	1 17	14 53	4 23	3 21	1 7	22 20	1 0	15 16	0 22	1 20	1 18	1 6	16 13	18 3	18 14	20 35	13 9	6 33
S 28	8s12	20s 4	3n20	12s 8	2n33	2s11	1s16	15n 1	4n22	3n26	1s 7	22s20	1n 0	15n16	0s22	1n21	1n18	1s 6	16s12	18s 2	18s13	20s35	13s 8	6n33

Julian Day Number = 2490291.5, Delta T = 96.07 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'21, Lahiri = 25°20'21

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ASTRODIENST EPHEMERIS for the year 2106
geocentric

MARCH 2106 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 33 48	9♓59'55	14♉22	20°R32	28♓39	1°R 6	11♈30	4♉59	12♉41	29°R37	8♉24	21°R 5	21♏48	22♐52	2♒54	M 1
T 2	10 37 44	11° 0'13	26°28	20♒21	29°53	0♍43	11°44	5° 3	12°43	29♍35	8°25	20♏58	21°45	22°58	2°59	T 2
W 3	10 41 41	12° 0'29	8♒48	20°D18	1♈ 8	0°21	11°57	5° 8	12°45	29°34	8°26	20°48	21°41	23° 5	3° 3	W 3
T 4	10 45 37	13° 0'43	21°24	20°21	2°22	29♌59	12°11	5°12	12°47	29°32	8°27	20°36	21°38	23°12	3° 8	T 4
F 5	10 49 34	14° 0'56	4♓16	20°30	3°37	29°37	12°25	5°16	12°49	29°31	8°28	20°24	21°35	23°18	3°12	F 5
S 6	10 53 30	15° 1'07	17°25	20°45	4°51	29°15	12°38	5°19	12°52	29°29	8°28	20°12	21°32	23°25	3°16	S 6
S 7	10 57 27	16° 1'16	0♈48	21° 6	6° 5	28°54	12°52	5°23	12°54	29°27	8°29	20° 2	21°29	23°32	3°20	S 7
M 8	11 1 23	17° 1'23	14°23	21°32	7°20	28°34	13° 6	5°27	12°56	29°26	8°30	19°55	21°25	23°38	3°25	M 8
T 9	11 5 20	18° 1'29	28° 7	22° 2	8°34	28°14	13°20	5°31	12°58	29°24	8°31	19°50	21°22	23°45	3°29	T 9
W10	11 9 16	19° 1'32	11♉59	22°38	9°49	27°55	13°33	5°34	13° 1	29°22	8°32	19°48	21°19	23°52	3°33	W10
T 11	11 13 13	20° 1'33	25°57	23°17	11° 3	27°36	13°47	5°38	13° 3	29°21	8°33	19°D48	21°16	23°58	3°37	T 11
F 12	11 17 10	21° 1'32	9♊59	24° 0	12°17	27°18	14° 1	5°41	13° 5	29°19	8°34	19°49	21°13	24° 5	3°41	F 12
S 13	11 21 6	22° 1'29	24° 5	24°47	13°31	27° 0	14°15	5°44	13° 8	29°18	8°35	19°R49	21°10	24°12	3°45	S 13
S 14	11 25 3	23° 1'24	8♋14	25°38	14°45	26°44	14°29	5°47	13°10	29°16	8°36	19°48	21° 6	24°18	3°49	S 14
M15	11 28 59	24° 1'16	22°24	26°31	16° 0	26°28	14°43	5°50	13°13	29°14	8°37	19°45	21° 3	24°25	3°53	M15
T 16	11 32 56	25° 1'07	6♌33	27°28	17°14	26°12	14°57	5°53	13°15	29°13	8°38	19°39	21° 0	24°32	3°57	T 16
W17	11 36 52	26° 0'55	20°38	28°27	18°28	25°58	15°11	5°56	13°18	29°11	8°39	19°32	20°57	24°38	4° 1	W17
T 18	11 40 49	27° 0'40	4♍34	29°29	19°42	25°44	15°25	5°59	13°20	29° 9	8°40	19°23	20°54	24°45	4° 4	T 18
F 19	11 44 45	28° 0'24	18°19	0♓34	20°56	25°30	15°40	6° 2	13°23	29° 8	8°41	19°14	20°51	24°52	4° 8	F 19
S 20	11 48 42	29° 0'06	1♎47	1°41	22°10	25°18	15°54	6° 5	13°26	29° 6	8°42	19° 6	20°47	24°58	4°12	S 20
S 21	11 52 39	29°59'45	14°58	2°50	23°23	25° 6	16° 8	6° 7	13°28	29° 4	8°43	18°59	20°44	25° 5	4°15	S 21
M22	11 56 35	0♈59'23	27°49	4° 1	24°37	24°56	16°22	6°10	13°31	29° 3	8°44	18°55	20°41	25°12	4°19	M22
T 23	12 0 32	1°58'59	10♏22	5°14	25°51	24°45	16°37	6°12	13°34	29° 1	8°46	18°53	20°38	25°18	4°22	T 23
W24	12 4 28	2°58'33	22°38	6°29	27° 5	24°36	16°51	6°14	13°37	28°59	8°47	18°D52	20°35	25°25	4°26	W24
T 25	12 8 25	3°58'06	4♐41	7°46	28°19	24°28	17° 5	6°16	13°40	28°58	8°48	18°53	20°31	25°32	4°29	T 25
F 26	12 12 21	4°57'36	16°35	9° 5	29°32	24°20	17°19	6°19	13°42	28°56	8°49	18°55	20°28	25°38	4°32	F 26
S 27	12 16 18	5°57'05	28°25	10°26	0♉46	24°13	17°34	6°21	13°45	28°54	8°50	18°56	20°25	25°45	4°36	S 27
S 28	12 20 14	6°56'32	10♉16	11°48	2° 0	24° 7	17°48	6°22	13°48	28°53	8°51	18°R56	20°22	25°52	4°39	S 28
M29	12 24 11	7°55'58	22°13	13°12	3°13	24° 1	18° 3	6°24	13°51	28°51	8°53	18°55	20°19	25°58	4°42	M29
T 30	12 28 8	8°55'21	4♒21	14°38	4°27	23°57	18°17	6°26	13°54	28°49	8°54	18°52	20°16	26° 5	4°45	T 30
W31	12 32 4	9♈54'43	16♒45	16♓ 5	5♉40	23♌53	18♈31	6♉28	13♉57	28♍48	8♉55	18♏47	20♏12	26♐12	4♒48	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s49	18s37	4n 3	12s26	2n20	1s41	1s14	15n 8	4n21	3n32	1s 7	22s20	1n 0	15n17	0s22	1n21	1n18	1s 5	16s12	18s 1	18s12	20s35	13s 7	6n33
T 2	7 26	16 20	4 36	12 42	2 6	1 10	1 13	15 15	4 20	3 37	1 6	22 20	1 0	15 18	0 22	1 22	1 18	1 4	16 12	17 59	18 11	20 34	13 5	6 34
W 3	7 3	13 17	4 56	12 56	1 53	0 39	1 11	15 22	4 19	3 42	1 6	22 19	1 0	15 18	0 22	1 22	1 18	1 4	16 12	17 56	18 11	20 34	13 4	6 34
T 4	6 40	9 35	5 2	13 8	1 39	0 8	1 10	15 29	4 17	3 48	1 6	22 19	1 0	15 19	0 22	1 23	1 18	1 3	16 11	17 53	18 10	20 33	13 3	6 34
F 5	6 17	5 22	4 54	13 18	1 26	0n24	1 8	15 35	4 16	3 53	1 6	22 19	1 0	15 20	0 22	1 24	1 19	1 3	16 11	17 50	18 9	20 33	13 1	6 35
S 6	5 54	0 50	4 29	13 26	1 12	0 55	1 6	15 42	4 14	3 59	1 6	22 19	1 0	15 20	0 22	1 24	1 19	1 2	16 11	17 47	18 8	20 32	13 0	6 35
S 7	5 31	3n50	3 50	13 32	0 59	1 26	1 5	15 48	4 13	4 4	1 6	22 19	1 0	15 21	0 22	1 25	1 19	1 2	16 10	17 44	18 7	20 32	12 59	6 35
M 8	5 7	8 23	2 57	13 36	0 46	1 57	1 3	15 53	4 11	4 9	1 6	22 19	1 0	15 22	0 22	1 26	1 19	1 1	16 10	17 42	18 6	20 32	12 58	6 36
T 9	4 44	12 34	1 53	13 38	0 33	2 28	1 1	15 59	4 9	4 15	1 6	22 18	1 0	15 22	0 22	1 26	1 19	1 1	16 10	17 41	18 6	20 31	12 56	6 36
W10	4 20	16 5	0 42	13 38	0 21	2 59	0 59	16 4	4 8	4 20	1 6	22 18	1 0	15 23	0 22	1 27	1 19	1 0	16 10	17 41	18 5	20 31	12 55	6 36
T 11	3 57	18 42	0s33	13 36	0 9	3 30	0 57	16 8	4 6	4 26	1 6	22 18	1 0	15 24	0 22	1 28	1 19	1 0	16 9	17 41	18 4	20 30	12 54	6 37
F 12	3 33	20 11	1 46	13 33	0s 3	4 0	0 55	16 13	4 4	4 31	1 5	22 18	1 0	15 25	0 22	1 28	1 19	0 59	16 9	17 41	18 3	20 30	12 53	6 37
S 13	3 10	20 25	2 53	13 28	0 14	4 31	0 53	16 17	4 2	4 37	1 5	22 18	1 0	15 25	0 22	1 29	1 19	0 59	16 9	17 41	18 2	20 29	12 51	6 37
S 14	2 46	19 21	3 49	13 21	0 24	5 2	0 51	16 21	4 0	4 42	1 5	22 18	1 0	15 26	0 22	1 30	1 19	0 58	16 9	17 41	18 1	20 29	12 50	6 38
M15	2 22	17 5	4 32	13 13	0 35	5 32	0 49	16 25	3 58	4 48	1 5	22 17	1 0	15 27	0 22	1 30	1 19	0 57	16 8	17 40	18 1	20 28	12 49	6 38
T 16	1 59	13 49	4 58	13 3	0 44	6 3	0 47	16 28	3 56	4 53	1 5	22 17	1 0	15 28	0 22	1 31	1 19	0 57	16 8	17 38	18 0	20 28	12 48	6 38
W17	1 35	9 46	5 6	12 51	0 54	6 33	0 44	16 31	3 53	4 59	1 5	22 17	1 0	15 28	0 22	1 32	1 19	0 56	16 8	17 36	17 59	20 27	12 46	6 39
T 18	1 11	5 14	4 55	12 38	1 3	7 3	0 42	16 34	3 51	5 4	1 5	22 17	1 0	15 29	0 22	1 32	1 19	0 56	16 8	17 34	17 58	20 27	12 45	6 39
F 19	0 48	0 30	4 28	12 23	1 11	7 33	0 40	16 36	3 49	5 10	1 5	22 17	1 0	15 30	0 22	1 33	1 19	0 55	16 7	17 31	17 57	20 27	12 44	6 40
S 20	0 24	4s10	3 46	12 6	1 19	8 3	0 37	16 38	3 47	5 15	1 5	22 17	1 0	15 31	0 22	1 34	1 19	0 55	16 7	17 29	17 56	20 26	12 43	6 40
S 21	0 0	8 32	2 52	11 49	1 27	8 32	0 35	16 40	3 44	5 21	1 5	22 17	1 0	15 32	0 22	1 34	1 19	0 54	16 7	17 27	17 56	20 26	12 42	6 40
M22	0n24	12 25	1 51	11 30	1 34	9 2	0 32	16 41	3 42	5 26	1 5	22 16	1 1	15 33	0 22	1 35	1 19	0 54	16 7	17 26	17 55	20 25	12 40	6 41
T 23	0 47	15 39	0 46	11 9	1 41	9 31	0 30	16 42	3 39	5 32	1 5	22 16	1 1	15 33	0 22	1 36	1 19	0 53	16 6	17 25	17 54	20 25	12 39	6 41
W24	1 11	18 5	0n20	10 47	1 47	10 0	0 27	16 43	3 37	5 37	1 5	22 16	1 1	15 34	0 22	1 36	1 19	0 53	16 6	17 25	17 53	20 24	12 38	6 42
T 25	1 35	19 40	1 25	10 24	1 53	10 29	0 25	16 44	3 35	5 43	1 5	22 16	1 1	15 35	0 22	1 37	1 19	0 52	16 6	17 26	17 52	20 24	12 37	6 42
F 26	1 58	20 21	2 25	9 59	1 58	10 57	0 22	16 44	3 32	5 48	1 4	22 16	1 1	15 36	0 22	1 38	1 19	0 52	16 6	17 26	17 51	20 23	12 36	6 42
S 27	2 22	20 7	3 18	9 33	2 3	11 26	0 20	16 44	3 30	5 54	1 4	22 16	1 1	15 37	0 22	1 38	1 19	0 51	16 6	17 26	17 50	20 23	12 35	6 43
S 28	2 45	18 59	4 3	9 6	2 7	11 54	0 17	16 44	3 27	5 59	1 4	22 16	1 1	15 38	0 22	1 39	1 19	0 50	16 5	17 27	17 50	20 22	12 33	6 43
M29	3 9	17 1	4 38	8 37	2 11	12 21	0 14	16 43	3 25	6 5	1 4	22 16	1 1	15 39	0 22	1 40	1 19	0 50	16 5	17 26	17 49	20 22	12 32	6 44
T 30	3 32	14 17	5 1	8 7	2 15	12 49	0 11	16 43	3 22	6 10	1 4	22 15	1 1	15 39	0 22	1 40	1 19	0 49	16 5	17 25	17 48	20 21	12 31	6 44
W31	3n55	10s52	5n10	7s36	2s18	13n16	0s 9	16n42	3n20	6n16	1s 4	22s15	1n 1	15n40	0s22	1n41	1n19	0s49	16s 5	17s24	17s47	20s21	12s30	6n45

Julian Day Number = 2490319.5, Delta T = 96.11 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'25, Lahiri = 25°20'25

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ASTRODIENST EPHEMERIS for the year 2106
geocentric

APRIL 2106 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 1	10♈54'03	29♒26	17♓33	6♉53	23°R50	18♈46	6♊29	14♉ 0	28°R46	8♉56	18°R42	20♏ 9	26♐18	4♒51	T 1
F 2	12 39 57	11°53'21	12♓28	19° 3	8° 7	23♎47	19° 0	6°31	14° 3	28♍45	8°57	18♏35	20° 6	26°25	4°54	F 2
S 3	12 43 54	12°52'37	25°51	20°35	9°20	23°46	19°15	6°32	14° 6	28°43	8°59	18°29	20° 3	26°32	4°57	S 3
S 4	12 47 50	13°51'51	9♈33	22° 8	10°33	23°45	19°29	6°33	14° 9	28°41	9° 0	18°24	20° 0	26°38	4°59	S 4
M 5	12 51 47	14°51'04	23°32	23°43	11°47	23°D45	19°44	6°34	14°12	28°40	9° 1	18°20	19°56	26°45	5° 2	M 5
T 6	12 55 43	15°50'14	7♉43	25°19	13° 0	23°45	19°58	6°35	14°16	28°38	9° 2	18°18	19°53	26°52	5° 5	T 6
W 7	12 59 40	16°49'22	22° 2	26°56	14°13	23°47	20°13	6°36	14°19	28°37	9° 4	18°D18	19°50	26°58	5° 7	W 7
T 8	13 3 37	17°48'28	6♊24	28°35	15°26	23°49	20°27	6°37	14°22	28°35	9° 5	18°19	19°47	27° 5	5°10	T 8
F 9	13 7 33	18°47'31	20°46	0♈16	16°39	23°52	20°41	6°38	14°25	28°33	9° 6	18°20	19°44	27°12	5°12	F 9
S 10	13 11 30	19°46'33	5♋ 3	1°57	17°52	23°55	20°56	6°38	14°28	28°32	9° 8	18°22	19°41	27°18	5°15	S 10
S 11	13 15 26	20°45'32	19°14	3°41	19° 5	23°59	21°10	6°39	14°32	28°30	9° 9	18°R22	19°37	27°25	5°17	S 11
M12	13 19 23	21°44'28	3♌17	5°26	20°18	24° 4	21°25	6°39	14°35	28°29	9°10	18°22	19°34	27°32	5°19	M12
T 13	13 23 19	22°43'23	17°10	7°12	21°31	24°10	21°39	6°40	14°38	28°27	9°12	18°20	19°31	27°38	5°21	T 13
W14	13 27 16	23°42'15	0♍52	9° 0	22°44	24°16	21°54	6°40	14°41	28°26	9°13	18°17	19°28	27°45	5°23	W14
T 15	13 31 12	24°41'04	14°22	10°49	23°56	24°23	22° 8	6°40	14°45	28°24	9°14	18°14	19°25	27°52	5°25	T 15
F 16	13 35 9	25°39'52	27°40	12°40	25° 9	24°30	22°23	6°R40	14°48	28°23	9°16	18°11	19°22	27°58	5°27	F 16
S 17	13 39 5	26°38'37	10♎43	14°33	26°22	24°38	22°37	6°40	14°51	28°22	9°17	18° 7	19°18	28° 5	5°29	S 17
S 18	13 43 2	27°37'21	23°33	16°26	27°34	24°47	22°52	6°40	14°55	28°20	9°18	18° 5	19°15	28°12	5°31	S 18
M19	13 46 59	28°36'02	6♏ 8	18°22	28°47	24°56	23° 6	6°39	14°58	28°19	9°20	18° 4	19°12	28°18	5°33	M19
T 20	13 50 55	29°34'42	18°30	20°19	29°59	25° 6	23°21	6°39	15° 1	28°17	9°21	18°D 3	19° 9	28°25	5°34	T 20
W21	13 54 52	0♉33'19	0♐39	22°17	1♊11	25°17	23°35	6°39	15° 5	28°16	9°22	18° 4	19° 6	28°32	5°36	W21
T 22	13 58 48	1°31'55	12°39	24°17	2°24	25°28	23°49	6°38	15° 8	28°15	9°24	18° 5	19° 2	28°38	5°37	T 22
F 23	14 2 45	2°30'30	24°33	26°19	3°36	25°39	24° 4	6°37	15°11	28°13	9°25	18° 6	18°59	28°45	5°39	F 23
S 24	14 6 41	3°29'02	6♑23	28°22	4°48	25°51	24°18	6°37	15°15	28°12	9°26	18° 7	18°56	28°52	5°40	S 24
S 25	14 10 38	4°27'33	18°14	0♉26	6° 0	26° 4	24°33	6°36	15°18	28°11	9°28	18° 8	18°53	28°58	5°42	S 25
M26	14 14 34	5°26'02	0♒11	2°31	7°12	26°17	24°47	6°35	15°22	28°10	9°29	18°R 9	18°50	29° 5	5°43	M26
T 27	14 18 31	6°24'30	12°19	4°38	8°24	26°31	25° 1	6°34	15°25	28° 8	9°30	18° 9	18°47	29°12	5°44	T 27
W28	14 22 28	7°22'56	24°41	6°45	9°36	26°45	25°16	6°33	15°29	28° 7	9°32	18° 8	18°43	29°18	5°45	W28
T 29	14 26 24	8°21'20	7♓22	8°53	10°48	26°59	25°30	6°31	15°32	28° 6	9°33	18° 8	18°40	29°25	5°46	T 29
F 30	14 30 21	9♉19'43	20♓26	11♉ 2	12♊ 0	27♎14	25♈44	6♊30	15♉35	28♍ 5	9♉35	18♏ 6	18♏37	29♐32	5♒47	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n19	6s53	5n 5	7s 4	2s20	13n43	0s 6	16n40	3n17	6n21	1s 4	22s15	1n 1	15n41	0s22	1n42	1n19	0s48	16s 5	17s22	17s46	20s20	12s29	6n45
F 2	4 42	2 30	4 44	6 31	2 23	14 9	0 3	16 39	3 15	6 27	1 4	22 15	1 1	15 42	0 22	1 42	1 19	0 48	16 5	17 21	17 45	20 19	12 28	6 45
S 3	5 5	2n 8	4 7	5 56	2 24	14 35	0 0	16 37	3 12	6 32	1 4	22 15	1 1	15 43	0 21	1 43	1 19	0 47	16 4	17 19	17 45	20 19	12 27	6 46
S 4	5 28	6 47	3 16	5 21	2 25	15 1	0n 3	16 35	3 10	6 38	1 4	22 15	1 1	15 44	0 21	1 44	1 19	0 47	16 4	17 18	17 44	20 18	12 26	6 46
M 5	5 51	11 10	2 11	4 44	2 26	15 27	0 5	16 33	3 7	6 43	1 4	22 15	1 1	15 45	0 21	1 44	1 19	0 46	16 4	17 17	17 43	20 18	12 25	6 47
T 6	6 14	14 59	0 58	4 6	2 26	15 52	0 8	16 30	3 5	6 49	1 4	22 15	1 1	15 46	0 21	1 45	1 19	0 46	16 4	17 16	17 42	20 17	12 23	6 47
W 7	6 36	17 56	0s20	3 27	2 26	16 16	0 11	16 27	3 3	6 54	1 4	22 15	1 1	15 47	0 21	1 45	1 19	0 45	16 4	17 16	17 41	20 17	12 22	6 48
T 8	6 59	19 46	1 38	2 47	2 25	16 41	0 14	16 24	3 0	7 0	1 4	22 15	1 1	15 48	0 21	1 46	1 19	0 45	16 4	17 16	17 40	20 16	12 21	6 48
F 9	7 21	20 18	2 49	2 6	2 24	17 4	0 17	16 21	2 58	7 5	1 4	22 15	1 1	15 49	0 21	1 47	1 19	0 44	16 3	17 17	17 39	20 16	12 20	6 49
S 10	7 44	19 31	3 49	1 23	2 22	17 28	0 20	16 18	2 55	7 11	1 4	22 14	1 1	15 50	0 21	1 47	1 19	0 44	16 3	17 17	17 39	20 15	12 19	6 49
S 11	8 6	17 31	4 34	0 40	2 20	17 51	0 23	16 14	2 53	7 16	1 4	22 14	1 1	15 51	0 21	1 48	1 19	0 43	16 3	17 17	17 38	20 14	12 18	6 50
M12	8 28	14 29	5 3	0n 4	2 17	18 13	0 26	16 10	2 50	7 22	1 4	22 14	1 1	15 52	0 21	1 48	1 19	0 43	16 3	17 17	17 37	20 14	12 17	6 50
T 13	8 50	10 41	5 14	0 49	2 13	18 35	0 29	16 6	2 48	7 27	1 4	22 14	1 1	15 53	0 21	1 49	1 19	0 42	16 3	17 17	17 36	20 13	12 16	6 51
W14	9 12	6 23	5 7	1 35	2 10	18 57	0 32	16 2	2 46	7 32	1 4	22 14	1 1	15 54	0 21	1 50	1 19	0 42	16 3	17 16	17 35	20 13	12 15	6 51
T 15	9 33	1 48	4 42	2 21	2 5	19 18	0 34	15 57	2 43	7 38	1 4	22 14	1 1	15 55	0 21	1 50	1 19	0 41	16 3	17 15	17 34	20 12	12 14	6 52
F 16	9 55	2s47	4 3	3 9	2 1	19 39	0 37	15 53	2 41	7 43	1 4	22 14	1 1	15 56	0 21	1 51	1 19	0 41	16 3	17 14	17 33	20 12	12 13	6 52
S 17	10 16	7 11	3 11	3 57	1 55	19 59	0 40	15 48	2 39	7 48	1 4	22 14	1 1	15 57	0 21	1 51	1 19	0 40	16 3	17 13	17 33	20 11	12 13	6 53
S 18	10 37	11 10	2 11	4 47	1 49	20 18	0 43	15 43	2 37	7 54	1 4	22 14	1 1	15 58	0 21	1 52	1 19	0 40	16 2	17 12	17 32	20 10	12 12	6 53
M19	10 58	14 35	1 5	5 36	1 43	20 37	0 46	15 37	2 34	7 59	1 4	22 14	1 1	15 59	0 21	1 52	1 19	0 39	16 2	17 12	17 31	20 10	12 11	6 54
T 20	11 19	17 17	0n 2	6 27	1 36	20 56	0 49	15 32	2 32	8 5	1 4	22 14	1 1	16 0	0 21	1 53	1 19	0 39	16 2	17 12	17 30	20 9	12 10	6 54
W21	11 40	19 9	1 9	7 18	1 29	21 14	0 52	15 26	2 30	8 10	1 4	22 14	1 1	16 1	0 21	1 53	1 19	0 38	16 2	17 12	17 29	20 9	12 9	6 55
T 22	12 0	20 7	2 12	8 9	1 21	21 31	0 55	15 21	2 28	8 15	1 4	22 14	1 1	16 2	0 21	1 54	1 19	0 38	16 2	17 12	17 28	20 8	12 8	6 55
F 23	12 20	20 10	3 8	9 1	1 13	21 48	0 58	15 15	2 25	8 20	1 4	22 14	1 1	16 3	0 21	1 54	1 19	0 37	16 2	17 13	17 27	20 7	12 7	6 56
S 24	12 40	19 20	3 57	9 53	1 4	22 4	1 0	15 8	2 23	8 26	1 4	22 14	1 1	16 4	0 21	1 55	1 19	0 37	16 2	17 13	17 26	20 7	12 6	6 56
S 25	13 0	17 38	4 35	10 45	0 55	22 20	1 3	15 2	2 21	8 31	1 4	22 14	1 1	16 5	0 21	1 55	1 19	0 36	16 2	17 13	17 26	20 6	12 6	6 57
M26	13 20	15 11	5 2	11 37	0 46	22 35	1 6	14 56	2 19	8 36	1 4	22 14	1 1	16 6	0 21	1 56	1 19	0 36	16 2	17 13	17 25	20 5	12 5	6 57
T 27	13 39	12 3	5 15	12 29	0 36	22 49	1 9	14 49	2 17	8 41	1 4	22 14	1 1	16 7	0 21	1 56	1 19	0 36	16 2	17 13	17 24	20 5	12 4	6 58
W28	13 58	8 20	5 15	13 21	0 26	23 3	1 11	14 42	2 15	8 47	1 4	22 14	1 1	16 8	0 21	1 57	1 18	0 35	16 2	17 13	17 23	20 4	12 3	6 58
T 29	14 17	4 10	4 59	14 12	0 16	23 16	1 14	14 35	2 13	8 52	1 4	22 14	1 1	16 9	0 21	1 57	1 18	0 35	16 2	17 13	17 22	20 4	12 3	6 59
F 30	14n36	0n19	4n28	15n 2	0s 6	23n29	1n17	14n28	2n11	8n57	1s 4	22s14	1n 2	16n10	0s21	1n58	1n18	0s34	16s 2	17s13	17s21	20s 3	12s 2	6n59

Julian Day Number = 2490350.5, Delta T = 96.15 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'29, Lahiri = 25°20'30

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ASTRODIENST EPHEMERIS for the year 2106
geocentric

MAY 2106 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 17	10♉18'04	3♈53	13♉11	13♊12	27♌30	25♈58	6°R29	15♉39	28°R 4	9♉36	18°R 5	18♏34	29♐39	5♒48	S 1
S 2	14 38 14	11°16'24	17°45	15°20	14°23	27°46	26°13	6♑27	15°42	28♍ 3	9°37	18♏ 5	18°31	29°45	5°49	S 2
M 3	14 42 10	12°14'41	1♉59	17°29	15°35	28° 2	26°27	6°26	15°46	28° 1	9°39	18° 4	18°27	29°52	5°49	M 3
T 4	14 46 7	13°12'58	16°30	19°37	16°46	28°19	26°41	6°24	15°49	28° 0	9°40	18°D 4	18°24	29°59	5°50	T 4
W 5	14 50 3	14°11'12	1♊14	21°45	17°58	28°37	26°55	6°22	15°53	27°59	9°41	18° 4	18°21	0♑ 5	5°51	W 5
T 6	14 54 0	15° 9'25	16° 3	23°52	19° 9	28°54	27° 9	6°20	15°56	27°58	9°43	18° 4	18°18	0°12	5°51	T 6
F 7	14 57 57	16° 7'36	0♋49	25°57	20°21	29°13	27°23	6°18	16° 0	27°57	9°44	18° 4	18°15	0°19	5°51	F 7
S 8	15 1 53	17° 5'45	15°27	28° 1	21°32	29°31	27°37	6°16	16° 3	27°56	9°46	18° 5	18°12	0°25	5°52	S 8
S 9	15 5 50	18° 3'52	29°51	0♊ 3	22°43	29°50	27°51	6°14	16° 7	27°55	9°47	18°R 5	18° 8	0°32	5°52	S 9
M10	15 9 46	19° 1'57	13♌59	2° 3	23°54	0♍10	28° 5	6°12	16°10	27°54	9°48	18°D 5	18° 5	0°39	5°52	M10
T 11	15 13 43	20° 0'00	27°48	4° 0	25° 5	0°29	28°19	6°10	16°14	27°54	9°50	18° 5	18° 2	0°45	5°52	T 11
W12	15 17 39	20°58'01	11♍18	5°55	26°16	0°49	28°33	6° 7	16°17	27°53	9°51	18° 5	17°59	0°52	5°R52	W12
T 13	15 21 36	21°56'00	24°31	7°47	27°27	1°10	28°47	6° 5	16°21	27°52	9°52	18° 5	17°56	0°59	5°52	T 13
F 14	15 25 32	22°53'58	7♎28	9°36	28°38	1°31	29° 1	6° 2	16°24	27°51	9°54	18° 5	17°53	1° 5	5°52	F 14
S 15	15 29 29	23°51'53	20°10	11°22	29°49	1°52	29°15	6° 0	16°27	27°50	9°55	18° 6	17°49	1°12	5°52	S 15
S 16	15 33 26	24°49'47	2♏39	13° 4	0♋59	2°14	29°28	5°57	16°31	27°50	9°56	18° 6	17°46	1°19	5°52	S 16
M17	15 37 22	25°47'39	14°58	14°44	2°10	2°35	29°42	5°54	16°34	27°49	9°58	18°R 7	17°43	1°25	5°52	M17
T 18	15 41 19	26°45'30	27° 6	16°20	3°20	2°58	29°56	5°51	16°38	27°48	9°59	18° 7	17°40	1°32	5°51	T 18
W19	15 45 15	27°43'20	9♐ 7	17°52	4°31	3°20	0♑ 9	5°48	16°41	27°47	10° 0	18° 6	17°37	1°39	5°51	W19
T 20	15 49 12	28°41'08	21° 2	19°22	5°41	3°43	0°23	5°45	16°45	27°47	10° 2	18° 5	17°33	1°45	5°50	T 20
F 21	15 53 8	29°38'55	2♑54	20°47	6°51	4° 6	0°36	5°42	16°48	27°46	10° 3	18° 4	17°30	1°52	5°50	F 21
S 22	15 57 5	0♊36'40	14°44	22° 9	8° 1	4°29	0°50	5°39	16°51	27°46	10° 4	18° 2	17°27	1°59	5°49	S 22
S 23	16 1 1	1°34'24	26°36	23°27	9°11	4°53	1° 3	5°36	16°55	27°45	10° 6	18° 0	17°24	2° 5	5°48	S 23
M24	16 4 58	2°32'07	8♒34	24°42	10°21	5°17	1°17	5°33	16°58	27°45	10° 7	17°58	17°21	2°12	5°47	M24
T 25	16 8 55	3°29'49	20°40	25°53	11°31	5°41	1°30	5°29	17° 2	27°44	10° 8	17°57	17°18	2°19	5°46	T 25
W26	16 12 51	4°27'30	3♓ 1	27° 0	12°40	6° 6	1°43	5°26	17° 5	27°44	10° 9	17°D57	17°14	2°26	5°45	W26
T 27	16 16 48	5°25'10	15°38	28° 4	13°50	6°31	1°57	5°22	17° 8	27°43	10°11	17°57	17°11	2°32	5°44	T 27
F 28	16 20 44	6°22'49	28°37	29° 3	15° 0	6°56	2°10	5°19	17°12	27°43	10°12	17°58	17° 8	2°39	5°43	F 28
S 29	16 24 41	7°20'27	12♈ 1	29°58	16° 9	7°21	2°23	5°15	17°15	27°42	10°13	17°59	17° 5	2°46	5°42	S 29
S 30	16 28 37	8°18'04	25°51	0♋50	17°18	7°47	2°36	5°12	17°18	27°42	10°14	18° 0	17° 2	2°52	5°41	S 30
M31	16 32 34	9♊15'40	10♉ 8	1♋37	18♋27	8♍13	2♉49	5♑ 8	17♉21	27♍42	10♉16	18♏ 1	16♏59	2♑59	5♒40	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n54	4n56	3n41	15n52	0n 5	23n41	1n19	14n21	2n 9	9n 2	1s 4	22s14	1n 2	16n11	0s21	1n58	1n18	0s34	16s 2	17s12	17s20	20s 2	12s 1	7n 0
S 2	15 12	9 26	2 40	16 40	0 16	23 52	1 22	14 14	2 7	9 7	1 4	22 15	1 2	16 12	0 21	1 59	1 18	0 33	16 2	17 12	17 19	20 2	12 0	7 0
M 3	15 30	13 32	1 28	17 28	0 26	24 2	1 24	14 6	2 5	9 12	1 4	22 15	1 2	16 13	0 21	1 59	1 18	0 33	16 2	17 12	17 19	20 1	12 0	7 1
T 4	15 48	16 54	0 9	18 13	0 37	24 12	1 27	13 58	2 3	9 17	1 4	22 15	1 2	16 14	0 21	1 59	1 18	0 33	16 2	17 12	17 18	20 0	11 59	7 1
W 5	16 5	19 13	1s13	18 57	0 47	24 22	1 29	13 50	2 1	9 22	1 4	22 15	1 2	16 15	0 21	2 0	1 18	0 32	16 2	17 12	17 17	20 0	11 58	7 2
T 6	16 22	20 13	2 29	19 39	0 58	24 30	1 32	13 42	1 59	9 27	1 4	22 15	1 2	16 16	0 21	2 0	1 18	0 32	16 2	17 12	17 16	19 59	11 58	7 3
F 7	16 39	19 49	3 36	20 19	1 7	24 38	1 34	13 34	1 57	9 32	1 4	22 15	1 2	16 17	0 21	2 1	1 18	0 31	16 2	17 12	17 15	19 58	11 57	7 3
S 8	16 56	18 6	4 28	20 57	1 17	24 45	1 36	13 26	1 55	9 37	1 4	22 15	1 2	16 18	0 21	2 1	1 18	0 31	16 2	17 12	17 14	19 58	11 57	7 4
S 9	17 12	15 15	5 2	21 33	1 26	24 52	1 39	13 18	1 54	9 42	1 4	22 15	1 2	16 19	0 21	2 1	1 18	0 31	16 2	17 12	17 13	19 57	11 56	7 4
M10	17 28	11 34	5 17	22 6	1 35	24 58	1 41	13 9	1 52	9 47	1 4	22 15	1 2	16 20	0 21	2 2	1 18	0 30	16 2	17 12	17 12	19 56	11 55	7 5
T 11	17 44	7 20	5 13	22 37	1 43	25 3	1 43	13 0	1 50	9 52	1 4	22 15	1 2	16 21	0 21	2 2	1 18	0 30	16 2	17 12	17 12	19 56	11 55	7 5
W12	17 59	2 49	4 52	23 5	1 50	25 7	1 45	12 52	1 48	9 57	1 4	22 15	1 2	16 22	0 21	2 2	1 18	0 30	16 2	17 12	17 11	19 55	11 54	7 6
T 13	18 14	1s44	4 16	23 31	1 57	25 11	1 47	12 43	1 46	10 2	1 4	22 16	1 2	16 23	0 21	2 3	1 18	0 29	16 2	17 12	17 10	19 54	11 54	7 6
F 14	18 29	6 8	3 27	23 54	2 2	25 14	1 49	12 33	1 45	10 7	1 4	22 16	1 2	16 24	0 21	2 3	1 18	0 29	16 2	17 12	17 9	19 53	11 53	7 7
S 15	18 44	10 11	2 29	24 14	2 8	25 16	1 51	12 24	1 43	10 12	1 4	22 16	1 2	16 25	0 21	2 3	1 18	0 29	16 2	17 13	17 8	19 53	11 53	7 7
S 16	18 58	13 43	1 25	24 32	2 12	25 18	1 53	12 15	1 41	10 17	1 4	22 16	1 2	16 26	0 21	2 3	1 18	0 28	16 2	17 13	17 7	19 52	11 53	7 8
M17	19 12	16 36	0 17	24 48	2 16	25 19	1 55	12 5	1 39	10 21	1 4	22 16	1 2	16 27	0 21	2 4	1 18	0 28	16 2	17 13	17 6	19 51	11 52	7 8
T 18	19 25	18 42	0n50	25 1	2 18	25 19	1 56	11 56	1 38	10 26	1 4	22 16	1 2	16 28	0 21	2 4	1 18	0 28	16 2	17 13	17 5	19 51	11 52	7 9
W19	19 38	19 56	1 54	25 12	2 20	25 19	1 58	11 46	1 36	10 31	1 4	22 16	1 2	16 29	0 21	2 4	1 18	0 27	16 2	17 13	17 4	19 50	11 51	7 9
T 20	19 51	20 15	2 53	25 21	2 21	25 18	2 0	11 36	1 34	10 35	1 5	22 16	1 2	16 30	0 21	2 4	1 18	0 27	16 2	17 12	17 4	19 49	11 51	7 10
F 21	20 4	19 40	3 43	25 28	2 22	25 16	2 1	11 26	1 33	10 40	1 5	22 17	1 2	16 31	0 21	2 5	1 18	0 27	16 3	17 12	17 3	19 48	11 51	7 10
S 22	20 16	18 14	4 25	25 32	2 21	25 13	2 2	11 16	1 31	10 45	1 5	22 17	1 2	16 32	0 21	2 5	1 18	0 26	16 3	17 11	17 2	19 48	11 50	7 11
S 23	20 28	16 0	4 55	25 35	2 19	25 10	2 4	11 6	1 30	10 49	1 5	22 17	1 2	16 33	0 21	2 5	1 18	0 26	16 3	17 11	17 1	19 47	11 50	7 11
M24	20 39	13 5	5 12	25 36	2 17	25 6	2 5	10 56	1 28	10 54	1 5	22 17	1 2	16 33	0 21	2 5	1 18	0 26	16 3	17 10	17 0	19 46	11 50	7 12
T 25	20 50	9 36	5 16	25 35	2 14	25 1	2 6	10 46	1 27	10 58	1 5	22 17	1 1	16 34	0 21	2 5	1 18	0 26	16 3	17 10	16 59	19 46	11 49	7 12
W26	21 1	5 39	5 5	25 33	2 9	24 56	2 7	10 35	1 25	11 3	1 5	22 17	1 1	16 35	0 21	2 6	1 18	0 25	16 3	17 10	16 58	19 45	11 49	7 13
T 27	21 12	1 21	4 40	25 29	2 4	24 50	2 8	10 24	1 23	11 7	1 5	22 17	1 1	16 36	0 21	2 6	1 18	0 25	16 3	17 10	16 57	19 44	11 49	7 13
F 28	21 22	3n 7	4 0	25 23	1 58	24 43	2 9	10 14	1 22	11 12	1 5	22 18	1 1	16 37	0 21	2 6	1 18	0 25	16 3	17 10	16 56	19 43	11 49	7 14
S 29	21 31	7 36	3 6	25 17	1 51	24 36	2 10	10 3	1 20	11 16	1 5	22 18	1 1	16 38	0 21	2 6	1 18	0 25	16 3	17 11	16 55	19 43	11 49	7 14
S 30	21 41	11 50	1 59	25 9	1 44	24 28	2 11	9 52	1 19	11 21	1 5	22 18	1 1	16 39	0 21	2 6	1 18	0 24	16 4	17 11	16 55	19 42	11 48	7 15
M31	21n49	15n32	0n43	25n 0	1n35	24n19	2n12	9n41	1n18	11n25	1s 5	22s18	1n 1	16n40	0s21	2n 6	1n18	0s24	16s 4	17s11	16s54	19s41	11s48	7n15

Julian Day Number = 2490380.5, Delta T = 96.19 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'33, Lahiri = 25°20'34

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ASTRODIENST EPHEMERIS for the year 2106
geocentric

JUNE 2106 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 30	10♊13'16	24♉47	2♋20	19♋37	8♍39	3♉ 2	5°R 4	17♉25	27°R42	10♉17	18°R 1	16♏55	3♑ 6	5°R38	T 1
W 2	16 40 27	11°10'50	9♊45	2°59	20°46	9° 5	3°15	5♑ 0	17°28	27♍41	10°18	18♏ 0	16°52	3°12	5♒37	W 2
T 3	16 44 24	12° 8'23	24°52	3°33	21°54	9°32	3°27	4°56	17°31	27°41	10°19	17°58	16°49	3°19	5°35	T 3
F 4	16 48 20	13° 5'55	10♋ 0	4° 3	23° 3	9°59	3°40	4°52	17°34	27°41	10°20	17°55	16°46	3°26	5°34	F 4
S 5	16 52 17	14° 3'26	24°59	4°28	24°12	10°26	3°53	4°49	17°38	27°41	10°22	17°52	16°43	3°32	5°32	S 5
S 6	16 56 13	15° 0'56	9♌40	4°49	25°20	10°53	4° 5	4°45	17°41	27°41	10°23	17°48	16°39	3°39	5°30	S 6
M 7	17 0 10	15°58'24	24° 0	5° 6	26°29	11°21	4°18	4°40	17°44	27°41	10°24	17°46	16°36	3°46	5°29	M 7
T 8	17 4 6	16°55'51	7♍54	5°17	27°37	11°49	4°30	4°36	17°47	27°41	10°25	17°44	16°33	3°52	5°27	T 8
W 9	17 8 3	17°53'17	21°24	5°24	28°45	12°17	4°43	4°32	17°50	27°D41	10°26	17°D44	16°30	3°59	5°25	W 9
T 10	17 11 59	18°50'42	4♎29	5°R27	29°53	12°45	4°55	4°28	17°53	27°41	10°27	17°45	16°27	4° 6	5°23	T 10
F 11	17 15 56	19°48'05	17°15	5°25	1♌ 1	13°13	5° 7	4°24	17°56	27°41	10°28	17°46	16°24	4°13	5°21	F 11
S 12	17 19 53	20°45'28	29°44	5°19	2° 9	13°42	5°20	4°20	17°59	27°41	10°30	17°48	16°20	4°19	5°19	S 12
S 13	17 23 49	21°42'49	11♏59	5° 8	3°16	14°11	5°32	4°15	18° 2	27°41	10°31	17°R49	16°17	4°26	5°17	S 13
M14	17 27 46	22°40'10	24° 4	4°53	4°24	14°40	5°44	4°11	18° 5	27°41	10°32	17°49	16°14	4°33	5°14	M14
T 15	17 31 42	23°37'30	6♐ 2	4°34	5°31	15° 9	5°56	4° 7	18° 8	27°41	10°33	17°47	16°11	4°39	5°12	T 15
W16	17 35 39	24°34'49	17°56	4°12	6°38	15°38	6° 7	4° 3	18°11	27°41	10°34	17°44	16° 8	4°46	5°10	W16
T 17	17 39 35	25°32'07	29°47	3°47	7°45	16° 8	6°19	3°58	18°14	27°42	10°35	17°39	16° 5	4°53	5° 8	T 17
F 18	17 43 32	26°29'25	11♑38	3°19	8°52	16°38	6°31	3°54	18°17	27°42	10°36	17°33	16° 1	4°59	5° 5	F 18
S 19	17 47 28	27°26'42	23°29	2°48	9°58	17° 8	6°42	3°50	18°20	27°42	10°37	17°26	15°58	5° 6	5° 3	S 19
S 20	17 51 25	28°23'59	5♒25	2°16	11° 5	17°38	6°54	3°45	18°23	27°43	10°38	17°18	15°55	5°13	5° 0	S 20
M21	17 55 22	29°21'15	17°26	1°42	12°11	18° 8	7° 5	3°41	18°26	27°43	10°39	17°12	15°52	5°19	4°58	M21
T 22	17 59 18	0♋18'31	29°35	1° 8	13°17	18°38	7°17	3°36	18°29	27°43	10°40	17° 6	15°49	5°26	4°55	T 22
W23	18 3 15	1°15'46	11♓56	0°33	14°23	19° 9	7°28	3°32	18°31	27°44	10°41	17° 2	15°45	5°33	4°52	W23
T 24	18 7 11	2°13'02	24°31	29♊59	15°29	19°40	7°39	3°27	18°34	27°44	10°42	17° 0	15°42	5°40	4°50	T 24
F 25	18 11 8	3°10'17	7♈26	29°27	16°34	20°11	7°50	3°23	18°37	27°45	10°43	17°D 0	15°39	5°46	4°47	F 25
S 26	18 15 4	4° 7'32	20°43	28°55	17°40	20°42	8° 1	3°19	18°39	27°45	10°43	17° 1	15°36	5°53	4°44	S 26
S 27	18 19 1	5° 4'47	4♉25	28°26	18°45	21°13	8°12	3°14	18°42	27°46	10°44	17° 2	15°33	6° 0	4°41	S 27
M28	18 22 57	6° 2'02	18°34	28° 0	19°50	21°45	8°23	3°10	18°45	27°47	10°45	17°R 3	15°30	6° 6	4°39	M28
T 29	18 26 54	6°59'17	3♊ 9	27°36	20°55	22°16	8°33	3° 5	18°47	27°47	10°46	17° 2	15°26	6°13	4°36	T 29
W30	18 30 51	7♋56'32	18♊ 5	27♊16	21♌59	22♍48	8♉44	3♑ 1	18♉50	27♍48	10♉47	16♏59	15♏23	6♑20	4♒33	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n58	18n21	0s37	24n49	1n25	24n10	2n12	9n30	1n16	11n29	1s 5	22s18	1n 1	16n41	0s21	2n 6	1n18	0s24	16s 4	17s11	16s53	19s40	11s48	7n16
W 2	22 6	19 58	1 57	24 38	1 15	24 0	2 13	9 19	1 15	11 34	1 5	22 19	1 1	16 42	0 21	2 6	1 17	0 24	16 4	17 11	16 52	19 40	11 48	7 16
T 3	22 14	20 10	3 9	24 26	1 4	23 50	2 13	9 7	1 13	11 38	1 5	22 19	1 1	16 43	0 21	2 6	1 17	0 23	16 4	17 10	16 51	19 39	11 48	7 16
F 4	22 21	18 55	4 8	24 13	0 52	23 39	2 13	8 56	1 12	11 42	1 6	22 19	1 1	16 44	0 21	2 6	1 17	0 23	16 4	17 10	16 50	19 38	11 48	7 17
S 5	22 28	16 23	4 49	24 0	0 39	23 27	2 13	8 44	1 10	11 46	1 6	22 19	1 1	16 45	0 21	2 6	1 17	0 23	16 4	17 9	16 49	19 37	11 48	7 17
S 6	22 35	12 49	5 11	23 45	0 25	23 15	2 14	8 33	1 9	11 51	1 6	22 19	1 1	16 45	0 21	2 6	1 17	0 23	16 5	17 8	16 48	19 36	11 48	7 18
M 7	22 41	8 36	5 12	23 31	0 11	23 2	2 14	8 21	1 8	11 55	1 6	22 19	1 1	16 46	0 21	2 6	1 17	0 23	16 5	17 7	16 47	19 36	11 48	7 18
T 8	22 47	4 2	4 55	23 15	0s 4	22 48	2 13	8 9	1 6	11 59	1 6	22 20	1 1	16 47	0 21	2 6	1 17	0 23	16 5	17 7	16 46	19 35	11 48	7 19
W 9	22 52	0s36	4 21	22 59	0 19	22 34	2 13	7 57	1 5	12 3	1 6	22 20	1 1	16 48	0 21	2 6	1 17	0 22	16 5	17 7	16 46	19 34	11 48	7 19
T 10	22 57	5 5	3 35	22 43	0 35	22 20	2 13	7 45	1 4	12 7	1 6	22 20	1 1	16 49	0 21	2 6	1 17	0 22	16 5	17 7	16 45	19 33	11 48	7 19
F 11	23 2	9 14	2 40	22 27	0 52	22 4	2 12	7 33	1 2	12 11	1 6	22 20	1 1	16 50	0 21	2 6	1 17	0 22	16 6	17 7	16 44	19 32	11 48	7 20
S 12	23 6	12 53	1 37	22 11	1 8	21 49	2 12	7 21	1 1	12 15	1 6	22 20	1 1	16 51	0 21	2 6	1 17	0 22	16 6	17 8	16 43	19 32	11 48	7 20
S 13	23 10	15 56	0 32	21 54	1 25	21 32	2 11	7 8	1 0	12 19	1 6	22 21	1 1	16 52	0 21	2 6	1 17	0 22	16 6	17 8	16 42	19 31	11 48	7 21
M14	23 13	18 14	0n34	21 38	1 43	21 16	2 10	6 56	0 58	12 23	1 6	22 21	1 1	16 52	0 21	2 6	1 17	0 22	16 6	17 8	16 41	19 30	11 48	7 21
T 15	23 16	19 42	1 38	21 21	2 0	20 58	2 10	6 44	0 57	12 26	1 7	22 21	1 1	16 53	0 21	2 6	1 17	0 22	16 6	17 7	16 40	19 29	11 48	7 21
W16	23 19	20 16	2 37	21 5	2 16	20 41	2 9	6 31	0 56	12 30	1 7	22 21	1 1	16 54	0 21	2 6	1 17	0 21	16 7	17 7	16 39	19 28	11 49	7 22
T 17	23 21	19 57	3 28	20 49	2 33	20 22	2 8	6 18	0 55	12 34	1 7	22 21	1 1	16 55	0 21	2 6	1 17	0 21	16 7	17 5	16 38	19 28	11 49	7 22
F 18	23 23	18 45	4 11	20 34	2 49	20 4	2 6	6 6	0 53	12 38	1 7	22 22	1 0	16 56	0 21	2 5	1 17	0 21	16 7	17 3	16 37	19 27	11 49	7 23
S 19	23 24	16 44	4 43	20 19	3 5	19 45	2 5	5 53	0 52	12 41	1 7	22 22	1 0	16 56	0 21	2 5	1 17	0 21	16 7	17 1	16 36	19 26	11 49	7 23
S 20	23 25	14 0	5 3	20 5	3 19	19 25	2 3	5 40	0 51	12 45	1 7	22 22	1 0	16 57	0 21	2 5	1 17	0 21	16 7	16 59	16 36	19 25	11 50	7 23
M21	23 25	10 41	5 9	19 52	3 33	19 5	2 2	5 27	0 50	12 49	1 7	22 22	1 0	16 58	0 21	2 5	1 17	0 21	16 8	16 57	16 35	19 24	11 50	7 24
T 22	23 25	6 54	5 2	19 39	3 46	18 44	2 0	5 14	0 49	12 52	1 7	22 22	1 0	16 59	0 21	2 5	1 17	0 21	16 8	16 56	16 34	19 23	11 50	7 24
W23	23 25	2 45	4 41	19 28	3 58	18 24	1 58	5 1	0 47	12 56	1 7	22 22	1 0	16 59	0 21	2 5	1 17	0 21	16 8	16 55	16 33	19 23	11 50	7 24
T 24	23 24	1n35	4 6	19 18	4 8	18 2	1 56	4 48	0 46	12 59	1 8	22 23	1 0	17 0	0 21	2 4	1 17	0 21	16 8	16 54	16 32	19 22	11 51	7 25
F 25	23 23	5 58	3 17	19 8	4 17	17 41	1 54	4 35	0 45	13 3	1 8	22 23	1 0	17 1	0 21	2 4	1 17	0 21	16 9	16 54	16 31	19 21	11 51	7 25
S 26	23 22	10 12	2 17	19 1	4 24	17 19	1 52	4 21	0 44	13 6	1 8	22 23	1 0	17 2	0 21	2 4	1 17	0 21	16 9	16 54	16 30	19 20	11 51	7 25
S 27	23 20	14 3	1 8	18 54	4 30	16 56	1 50	4 8	0 43	13 9	1 8	22 23	1 0	17 2	0 21	2 4	1 17	0 21	16 9	16 55	16 29	19 19	11 52	7 25
M28	23 17	17 12	0s 8	18 49	4 35	16 33	1 47	3 55	0 42	13 13	1 8	22 23	1 0	17 3	0 21	2 3	1 17	0 21	16 9	16 55	16 28	19 18	11 52	7 26
T 29	23 14	19 22	1 26	18 46	4 38	16 10	1 45	3 41	0 40	13 16	1 8	22 24	1 0	17 4	0 21	2 3	1 17	0 21	16 10	16 55	16 27	19 17	11 53	7 26
W30	23n11	20n15	2s39	18n44	4s40	15n47	1n42	3n27	0n39	13n19	1s 8	22s24	1n 0	17n 5	0s21	2n 3	1n17	0s21	16s10	16s54	16s26	19s17	11s53	7n26

Julian Day Number = 2490411.5, Delta T = 96.23 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'38, Lahiri = 25°20'38

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ASTRODIENST EPHEMERIS for the year 2106
geocentric

JULY 2106 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 34 47	8♋53'47	3♋17	27°R 0	23♌ 3	23♍20	8♉54	2°R56	18♉52	27♍49	10♉48	16°R53	15♏20	6♑26	4°R30	T 1
F 2	18 38 44	9°51'02	18°33	26♊48	24° 8	23°52	9° 4	2♑52	18°55	27°49	10°48	16♏46	15°17	6°33	4♒27	F 2
S 3	18 42 40	10°48'16	3♌44	26°41	25°11	24°24	9°15	2°48	18°57	27°50	10°49	16°38	15°14	6°40	4°24	S 3
S 4	18 46 37	11°45'31	18°39	26°D38	26°15	24°57	9°25	2°43	19° 0	27°51	10°50	16°31	15°11	6°46	4°20	S 4
M 5	18 50 33	12°42'44	3♍10	26°40	27°19	25°29	9°35	2°39	19° 2	27°52	10°51	16°24	15° 7	6°53	4°17	M 5
T 6	18 54 30	13°39'58	17°13	26°47	28°22	26° 2	9°45	2°35	19° 4	27°53	10°51	16°19	15° 4	7° 0	4°14	T 6
W 7	18 58 27	14°37'11	0♎47	26°59	29°25	26°35	9°54	2°30	19° 7	27°53	10°52	16°16	15° 1	7° 7	4°11	W 7
T 8	19 2 23	15°34'24	13°54	27°16	0♍27	27° 8	10° 4	2°26	19° 9	27°54	10°53	16°D15	14°58	7°13	4° 8	T 8
F 9	19 6 20	16°31'36	26°37	27°38	1°30	27°41	10°14	2°22	19°11	27°55	10°54	16°15	14°55	7°20	4° 4	F 9
S 10	19 10 16	17°28'49	9♏ 0	28° 5	2°32	28°14	10°23	2°18	19°13	27°56	10°54	16°16	14°51	7°27	4° 1	S 10
S 11	19 14 13	18°26'01	21° 9	28°37	3°33	28°47	10°32	2°14	19°16	27°57	10°55	16°R16	14°48	7°33	3°58	S 11
M12	19 18 9	19°23'13	3♐ 7	29°14	4°35	29°21	10°42	2° 9	19°18	27°58	10°55	16°15	14°45	7°40	3°55	M12
T 13	19 22 6	20°20'25	14°59	29°56	5°36	29°54	10°51	2° 5	19°20	27°59	10°56	16°11	14°42	7°47	3°51	T 13
W14	19 26 2	21°17'37	26°49	0♋43	6°37	0♎28	11° 0	2° 1	19°22	28° 0	10°57	16° 5	14°39	7°53	3°48	W14
T 15	19 29 59	22°14'50	8♑40	1°35	7°37	1° 2	11° 8	1°57	19°24	28° 2	10°57	15°56	14°36	8° 0	3°45	T 15
F 16	19 33 56	23°12'02	20°32	2°31	8°38	1°36	11°17	1°53	19°26	28° 3	10°58	15°45	14°32	8° 7	3°41	F 16
S 17	19 37 52	24° 9'15	2♒29	3°33	9°37	2°10	11°26	1°49	19°28	28° 4	10°58	15°33	14°29	8°13	3°38	S 17
S 18	19 41 49	25° 6'28	14°31	4°39	10°37	2°44	11°34	1°45	19°30	28° 5	10°59	15°21	14°26	8°20	3°34	S 18
M19	19 45 45	26° 3'41	26°39	5°50	11°36	3°19	11°42	1°42	19°31	28° 6	10°59	15° 9	14°23	8°27	3°31	M19
T 20	19 49 42	27° 0'55	8♓56	7° 5	12°35	3°53	11°50	1°38	19°33	28° 8	11° 0	14°59	14°20	8°34	3°27	T 20
W21	19 53 38	27°58'10	21°24	8°25	13°33	4°28	11°58	1°34	19°35	28° 9	11° 0	14°52	14°17	8°40	3°24	W21
T 22	19 57 35	28°55'25	4♈ 3	9°50	14°31	5° 2	12° 6	1°30	19°37	28°10	11° 1	14°47	14°13	8°47	3°21	T 22
F 23	20 1 31	29°52'41	16°58	11°18	15°28	5°37	12°14	1°27	19°38	28°11	11° 1	14°45	14°10	8°54	3°17	F 23
S 24	20 5 28	0♌49'57	0♉12	12°51	16°25	6°12	12°21	1°23	19°40	28°13	11° 1	14°D44	14° 7	9° 0	3°14	S 24
S 25	20 9 25	1°47'15	13°47	14°28	17°22	6°47	12°29	1°20	19°41	28°14	11° 2	14°R45	14° 4	9° 7	3°10	S 25
M26	20 13 21	2°44'33	27°45	16° 8	18°18	7°23	12°36	1°16	19°43	28°16	11° 2	14°44	14° 1	9°14	3° 7	M26
T 27	20 17 18	3°41'53	12♊ 7	17°53	19°14	7°58	12°43	1°13	19°44	28°17	11° 2	14°42	13°57	9°20	3° 3	T 27
W28	20 21 14	4°39'13	26°51	19°40	20° 9	8°33	12°50	1° 9	19°46	28°19	11° 3	14°38	13°54	9°27	3° 0	W28
T 29	20 25 11	5°36'34	11♋52	21°31	21° 4	9° 9	12°57	1° 6	19°47	28°20	11° 3	14°30	13°51	9°34	2°56	T 29
F 30	20 29 7	6°33'56	27° 1	23°25	21°58	9°44	13° 4	1° 3	19°49	28°22	11° 3	14°21	13°48	9°41	2°53	F 30
S 31	20 33 4	7♌31'19	12♌ 9	25♋21	22♍52	10♎20	13♉10	1♑ 0	19♉50	28♍23	11♉ 3	14♏10	13♏45	9♑47	2♒49	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 8	19n41	3s42	18n43	4s40	15n23	1n39	3n14	0n38	13n22	1s 9	22s24	0n59	17n 5	0s21	2n 2	1n16	0s21	16s10	16s52	16s25	19s16	11s53	7n26
F 2	23 3	17 41	4 30	18 44	4 39	14 59	1 36	3 0	0 37	13 26	1 9	22 24	0 59	17 6	0 21	2 2	1 16	0 21	16 10	16 50	16 24	19 15	11 54	7 27
S 3	22 59	14 28	4 58	18 47	4 36	14 35	1 33	2 46	0 36	13 29	1 9	22 24	0 59	17 7	0 21	2 2	1 16	0 21	16 11	16 48	16 24	19 14	11 54	7 27
S 4	22 54	10 23	5 6	18 51	4 32	14 10	1 30	2 32	0 35	13 32	1 9	22 25	0 59	17 7	0 21	2 1	1 16	0 21	16 11	16 46	16 23	19 13	11 55	7 27
M 5	22 49	5 47	4 53	18 56	4 27	13 45	1 27	2 19	0 34	13 35	1 9	22 25	0 59	17 8	0 21	2 1	1 16	0 21	16 11	16 44	16 22	19 12	11 55	7 27
T 6	22 43	1 0	4 23	19 2	4 21	13 20	1 23	2 5	0 33	13 38	1 9	22 25	0 59	17 8	0 21	2 1	1 16	0 21	16 11	16 42	16 21	19 11	11 56	7 28
W 7	22 37	3s40	3 39	19 9	4 14	12 55	1 20	1 51	0 32	13 41	1 9	22 25	0 59	17 9	0 21	2 0	1 16	0 21	16 12	16 42	16 20	19 10	11 56	7 28
T 8	22 31	8 0	2 44	19 18	4 6	12 29	1 16	1 37	0 31	13 44	1 10	22 25	0 59	17 10	0 21	2 0	1 16	0 21	16 12	16 41	16 19	19 10	11 57	7 28
F 9	22 24	11 52	1 43	19 27	3 57	12 4	1 12	1 23	0 30	13 46	1 10	22 26	0 59	17 10	0 21	2 0	1 16	0 21	16 12	16 41	16 18	19 9	11 58	7 28
S 10	22 17	15 6	0 39	19 38	3 47	11 38	1 8	1 8	0 29	13 49	1 10	22 26	0 59	17 11	0 21	1 59	1 16	0 21	16 13	16 42	16 17	19 8	11 58	7 28
S 11	22 9	17 37	0n26	19 49	3 36	11 11	1 4	0 54	0 28	13 52	1 10	22 26	0 58	17 11	0 21	1 59	1 16	0 21	16 13	16 42	16 16	19 7	11 59	7 28
M12	22 1	19 19	1 29	20 0	3 25	10 45	1 0	0 40	0 27	13 55	1 10	22 26	0 58	17 12	0 21	1 58	1 16	0 21	16 13	16 41	16 15	19 6	11 59	7 29
T 13	21 53	20 9	2 27	20 12	3 13	10 19	0 55	0 26	0 25	13 57	1 10	22 26	0 58	17 13	0 21	1 58	1 16	0 22	16 13	16 40	16 14	19 5	12 0	7 29
W14	21 44	20 5	3 18	20 24	3 1	9 52	0 51	0 11	0 24	14 0	1 10	22 26	0 58	17 13	0 21	1 57	1 16	0 22	16 14	16 38	16 13	19 4	12 1	7 29
T 15	21 35	19 8	4 1	20 37	2 48	9 25	0 46	0s 3	0 23	14 3	1 11	22 27	0 58	17 14	0 21	1 57	1 16	0 22	16 14	16 36	16 12	19 3	12 1	7 29
F 16	21 26	17 21	4 34	20 49	2 35	8 58	0 41	0 18	0 23	14 5	1 11	22 27	0 58	17 14	0 21	1 56	1 16	0 22	16 14	16 33	16 11	19 2	12 2	7 29
S 17	21 16	14 49	4 54	21 1	2 22	8 31	0 36	0 32	0 22	14 8	1 11	22 27	0 58	17 15	0 21	1 56	1 16	0 22	16 15	16 29	16 10	19 1	12 3	7 29
S 18	21 6	11 39	5 2	21 13	2 8	8 4	0 31	0 46	0 21	14 10	1 11	22 27	0 58	17 15	0 21	1 55	1 16	0 22	16 15	16 26	16 10	19 0	12 3	7 29
M19	20 55	7 59	4 56	21 24	1 54	7 37	0 26	1 1	0 20	14 12	1 11	22 27	0 57	17 16	0 21	1 55	1 16	0 22	16 15	16 22	16 9	19 0	12 4	7 29
T 20	20 44	3 57	4 36	21 34	1 40	7 9	0 21	1 16	0 19	14 15	1 11	22 27	0 57	17 16	0 21	1 54	1 16	0 22	16 15	16 19	16 8	18 59	12 5	7 29
W21	20 33	0n19	4 3	21 43	1 26	6 42	0 15	1 30	0 18	14 17	1 12	22 28	0 57	17 17	0 21	1 54	1 16	0 23	16 16	16 17	16 7	18 58	12 5	7 29
T 22	20 22	4 38	3 18	21 51	1 13	6 14	0 10	1 45	0 17	14 19	1 12	22 28	0 57	17 17	0 21	1 53	1 16	0 23	16 16	16 16	16 6	18 57	12 6	7 29
F 23	20 10	8 51	2 22	21 58	0 59	5 47	0 4	1 59	0 16	14 21	1 12	22 28	0 57	17 18	0 21	1 53	1 16	0 23	16 16	16 15	16 5	18 56	12 7	7 29
S 24	19 58	12 44	1 16	22 3	0 45	5 19	0s 2	2 14	0 15	14 23	1 12	22 28	0 57	17 18	0 21	1 52	1 16	0 23	16 17	16 15	16 4	18 55	12 8	7 29
S 25	19 45	16 3	0 5	22 7	0 32	4 52	0 8	2 29	0 14	14 26	1 12	22 28	0 57	17 18	0 21	1 52	1 16	0 23	16 17	16 15	16 3	18 54	12 8	7 29
M26	19 32	18 32	1s 8	22 8	0 19	4 24	0 14	2 44	0 13	14 28	1 12	22 28	0 57	17 19	0 21	1 51	1 16	0 24	16 17	16 15	16 2	18 53	12 9	7 29
T 27	19 19	19 55	2 20	22 8	0 6	3 56	0 21	2 58	0 12	14 30	1 13	22 29	0 56	17 19	0 21	1 50	1 16	0 24	16 18	16 14	16 1	18 52	12 10	7 29
W28	19 5	20 0	3 23	22 5	0n 6	3 29	0 27	3 13	0 11	14 31	1 13	22 29	0 56	17 20	0 21	1 50	1 16	0 24	16 18	16 13	16 0	18 51	12 11	7 29
T 29	18 51	18 41	4 14	22 0	0 18	3 1	0 34	3 28	0 10	14 33	1 13	22 29	0 56	17 20	0 21	1 49	1 16	0 24	16 18	16 11	15 59	18 50	12 11	7 29
F 30	18 37	16 2	4 47	21 52	0 29	2 34	0 41	3 43	0 9	14 35	1 13	22 29	0 56	17 20	0 21	1 49	1 16	0 24	16 19	16 8	15 58	18 49	12 12	7 29
S 31	18n23	12n20	5s 1	21n42	0n40	2n 6	0s47	3s58	0n 8	14n37	1s13	22s29	0n56	17n21	0s21	1n48	1n16	0s25	16s19	16s 5	15s57	18s48	12s13	7n29

Julian Day Number = 2490441.5, Delta T = 96.27 sec
Ecliptic obliquity = 23°25'24, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'42, Lahiri = 25°20'42

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ASTRODIENST EPHEMERIS for the year 2106
geocentric

AUGUST 2106 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 0	8♌28'42	27♌ 5	27♋20	23♍45	10♎56	13♉17	0°R57	19♉51	28♍25	11♉ 4	13°R59	13♏42	9♑54	2°R46	S 1
M 2	20 40 57	9°26'06	11♍39	29°20	24°37	11°32	13°23	0♑54	19°52	28°26	11° 4	13♏50	13°38	10° 1	2♒42	M 2
T 3	20 44 54	10°23'31	25°47	1♌22	25°29	12° 8	13°29	0°51	19°54	28°28	11° 4	13°42	13°35	10° 7	2°39	T 3
W 4	20 48 50	11°20'56	9♎26	3°26	26°21	12°44	13°35	0°48	19°55	28°29	11° 4	13°37	13°32	10°14	2°36	W 4
T 5	20 52 47	12°18'22	22°37	5°30	27°11	13°21	13°41	0°45	19°56	28°31	11° 4	13°35	13°29	10°21	2°32	T 5
F 6	20 56 43	13°15'48	5♏22	7°35	28° 1	13°57	13°46	0°43	19°57	28°33	11° 4	13°34	13°26	10°27	2°29	F 6
S 7	21 0 40	14°13'15	17°45	9°40	28°50	14°34	13°51	0°40	19°58	28°34	11° 5	13°34	13°23	10°34	2°25	S 7
S 8	21 4 36	15°10'43	29°53	11°45	29°39	15°10	13°57	0°38	19°59	28°36	11° 5	13°33	13°19	10°41	2°22	S 8
M 9	21 8 33	16° 8'12	11♐50	13°49	0♎27	15°47	14° 2	0°35	20° 0	28°38	11° 5	13°31	13°16	10°48	2°19	M 9
T 10	21 12 29	17° 5'41	23°41	15°54	1°14	16°24	14° 7	0°33	20° 0	28°40	11° 5	13°27	13°13	10°54	2°15	T 10
W11	21 16 26	18° 3'11	5♑31	17°57	2° 0	17° 1	14°11	0°30	20° 1	28°41	11°R 5	13°20	13°10	11° 1	2°12	W11
T 12	21 20 23	19° 0'42	17°23	20° 0	2°45	17°38	14°16	0°28	20° 2	28°43	11° 5	13°11	13° 7	11° 8	2° 9	T 12
F 13	21 24 19	19°58'14	29°20	22° 1	3°29	18°15	14°20	0°26	20° 3	28°45	11° 5	12°59	13° 3	11°14	2° 6	F 13
S 14	21 28 16	20°55'47	11♒23	24° 2	4°13	18°52	14°24	0°24	20° 3	28°47	11° 5	12°46	13° 0	11°21	2° 2	S 14
S 15	21 32 12	21°53'21	23°35	26° 1	4°55	19°29	14°28	0°22	20° 4	28°49	11° 5	12°33	12°57	11°28	1°59	S 15
M16	21 36 9	22°50'57	5♓56	27°59	5°37	20° 7	14°32	0°20	20° 4	28°51	11° 4	12°20	12°54	11°34	1°56	M16
T 17	21 40 5	23°48'33	18°27	29°56	6°17	20°44	14°36	0°19	20° 5	28°52	11° 4	12° 9	12°51	11°41	1°53	T 17
W18	21 44 2	24°46'11	1♈ 8	1♍52	6°57	21°22	14°39	0°17	20° 5	28°54	11° 4	12° 1	12°48	11°48	1°50	W18
T 19	21 47 58	25°43'50	14° 0	3°46	7°35	22° 0	14°42	0°15	20° 6	28°56	11° 4	11°56	12°44	11°55	1°47	T 19
F 20	21 51 55	26°41'31	27° 4	5°38	8°12	22°37	14°46	0°14	20° 6	28°58	11° 4	11°53	12°41	12° 1	1°44	F 20
S 21	21 55 51	27°39'13	10♉23	7°30	8°48	23°15	14°48	0°12	20° 6	29° 0	11° 4	11°D52	12°38	12° 8	1°41	S 21
S 22	21 59 48	28°36'57	23°57	9°19	9°23	23°53	14°51	0°11	20° 6	29° 2	11° 3	11°R53	12°35	12°15	1°38	S 22
M23	22 3 45	29°34'43	7♊49	11° 8	9°57	24°31	14°54	0°10	20° 7	29° 4	11° 3	11°52	12°32	12°21	1°35	M23
T 24	22 7 41	0♍32'31	22° 0	12°55	10°29	25° 9	14°56	0° 9	20° 7	29° 6	11° 3	11°51	12°28	12°28	1°32	T 24
W25	22 11 38	1°30'20	6♋27	14°40	11° 0	25°48	14°58	0° 8	20° 7	29° 8	11° 3	11°47	12°25	12°35	1°29	W25
T 26	22 15 34	2°28'11	21° 8	16°25	11°29	26°26	15° 0	0° 7	20°R 7	29°10	11° 2	11°41	12°22	12°41	1°27	T 26
F 27	22 19 31	3°26'03	5♌57	18° 8	11°57	27° 5	15° 2	0° 6	20° 7	29°12	11° 2	11°32	12°19	12°48	1°24	F 27
S 28	22 23 27	4°23'57	20°47	19°49	12°23	27°43	15° 3	0° 5	20° 7	29°14	11° 2	11°22	12°16	12°55	1°21	S 28
S 29	22 27 24	5°21'53	5♍28	21°29	12°48	28°22	15° 5	0° 5	20° 7	29°16	11° 1	11°12	12°13	13° 2	1°19	S 29
M30	22 31 20	6°19'50	19°53	23° 8	13°11	29° 1	15° 6	0° 4	20° 6	29°18	11° 1	11° 3	12° 9	13° 8	1°16	M30
T 31	22 35 17	7♍17'48	3♎56	24♍46	13♎32	29♎39	15♉ 7	0♑ 4	20♉ 6	29♍20	11♉ 1	10♏56	12♏ 6	13♑15	1♒13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 8	7n53	4s53	21n29	0n49	1n39	0s54	4s13	0n 8	14n39	1s14	22s29	0n56	17n21	0s21	1n47	1n16	0s25	16s19	16s 2	15s56	18s47	12s14	7n29
M 2	17 53	3 5	4 26	21 14	0 58	1 12	1 2	4 27	0 7	14 40	1 14	22 30	0 56	17 21	0 21	1 47	1 16	0 25	16 20	15 59	15 55	18 46	12 15	7 29
T 3	17 37	1s45	3 44	20 56	1 7	0 44	1 9	4 42	0 6	14 42	1 14	22 30	0 55	17 22	0 21	1 46	1 16	0 25	16 20	15 56	15 54	18 45	12 16	7 29
W 4	17 22	6 21	2 50	20 35	1 14	0 17	1 16	4 57	0 5	14 44	1 14	22 30	0 55	17 22	0 21	1 45	1 15	0 26	16 20	15 55	15 53	18 44	12 16	7 29
T 5	17 6	10 28	1 48	20 12	1 21	0s10	1 24	5 12	0 4	14 45	1 14	22 30	0 55	17 22	0 21	1 45	1 15	0 26	16 20	15 54	15 53	18 43	12 17	7 29
F 6	16 50	13 59	0 43	19 46	1 27	0 37	1 32	5 27	0 3	14 47	1 14	22 30	0 55	17 22	0 21	1 44	1 15	0 26	16 21	15 54	15 52	18 42	12 18	7 29
S 7	16 33	16 46	0n22	19 18	1 32	1 4	1 40	5 42	0 2	14 48	1 15	22 30	0 55	17 23	0 21	1 43	1 15	0 26	16 21	15 54	15 51	18 41	12 19	7 29
S 8	16 16	18 43	1 25	18 48	1 36	1 30	1 47	5 57	0 1	14 49	1 15	22 31	0 55	17 23	0 21	1 43	1 15	0 27	16 21	15 54	15 50	18 40	12 20	7 28
M 9	15 59	19 49	2 24	18 16	1 40	1 57	1 56	6 12	0 1	14 51	1 15	22 31	0 55	17 23	0 21	1 42	1 15	0 27	16 22	15 53	15 49	18 39	12 21	7 28
T 10	15 42	20 1	3 15	17 41	1 42	2 23	2 4	6 27	0s 0	14 52	1 15	22 31	0 54	17 23	0 21	1 41	1 15	0 27	16 22	15 52	15 48	18 38	12 22	7 28
W11	15 25	19 21	3 58	17 6	1 44	2 49	2 12	6 42	0 1	14 53	1 15	22 31	0 54	17 23	0 21	1 40	1 15	0 28	16 22	15 50	15 47	18 37	12 22	7 28
T 12	15 7	17 49	4 31	16 28	1 45	3 15	2 21	6 57	0 2	14 54	1 16	22 31	0 54	17 24	0 21	1 40	1 15	0 28	16 23	15 47	15 46	18 36	12 23	7 28
F 13	14 49	15 31	4 52	15 50	1 46	3 40	2 29	7 12	0 3	14 55	1 16	22 31	0 54	17 24	0 21	1 39	1 15	0 28	16 23	15 44	15 45	18 35	12 24	7 28
S 14	14 31	12 32	5 0	15 10	1 46	4 6	2 38	7 26	0 4	14 56	1 16	22 32	0 54	17 24	0 21	1 38	1 15	0 29	16 23	15 40	15 44	18 34	12 25	7 27
S 15	14 12	9 0	4 55	14 29	1 45	4 31	2 47	7 41	0 4	14 57	1 16	22 32	0 54	17 24	0 21	1 37	1 15	0 29	16 24	15 36	15 43	18 33	12 26	7 27
M16	13 53	5 3	4 35	13 47	1 43	4 55	2 56	7 56	0 5	14 58	1 16	22 32	0 54	17 24	0 21	1 37	1 15	0 29	16 24	15 32	15 42	18 32	12 27	7 27
T 17	13 35	0 50	4 3	13 4	1 41	5 20	3 5	8 11	0 6	14 59	1 17	22 32	0 53	17 24	0 21	1 36	1 15	0 30	16 24	15 28	15 41	18 31	12 28	7 27
W18	13 15	3n28	3 18	12 20	1 38	5 44	3 14	8 26	0 7	15 0	1 17	22 32	0 53	17 24	0 21	1 35	1 15	0 30	16 25	15 26	15 40	18 30	12 29	7 27
T 19	12 56	7 42	2 22	11 36	1 35	6 8	3 24	8 41	0 8	15 1	1 17	22 32	0 53	17 25	0 21	1 34	1 15	0 30	16 25	15 24	15 39	18 29	12 30	7 26
F 20	12 37	11 38	1 18	10 51	1 32	6 31	3 33	8 55	0 8	15 1	1 17	22 32	0 53	17 25	0 21	1 34	1 15	0 31	16 25	15 23	15 38	18 28	12 30	7 26
S 21	12 17	15 3	0 8	10 6	1 28	6 54	3 43	9 10	0 9	15 2	1 17	22 33	0 53	17 25	0 21	1 33	1 15	0 31	16 26	15 23	15 37	18 27	12 31	7 26
S 22	11 57	17 43	1s 4	9 21	1 23	7 17	3 53	9 25	0 10	15 3	1 18	22 33	0 53	17 25	0 21	1 32	1 15	0 31	16 26	15 23	15 36	18 26	12 32	7 25
M23	11 37	19 25	2 13	8 36	1 18	7 39	4 2	9 40	0 11	15 3	1 18	22 33	0 52	17 25	0 21	1 31	1 15	0 32	16 26	15 23	15 35	18 25	12 33	7 25
T 24	11 16	19 55	3 16	7 50	1 13	8 1	4 12	9 54	0 11	15 4	1 18	22 33	0 52	17 25	0 22	1 30	1 15	0 32	16 26	15 23	15 34	18 24	12 34	7 25
W25	10 56	19 9	4 7	7 4	1 7	8 22	4 22	10 9	0 12	15 4	1 18	22 33	0 52	17 25	0 22	1 30	1 15	0 32	16 27	15 22	15 33	18 23	12 35	7 25
T 26	10 35	17 6	4 44	6 18	1 1	8 43	4 32	10 24	0 13	15 5	1 18	22 33	0 52	17 25	0 22	1 29	1 15	0 33	16 27	15 20	15 32	18 22	12 36	7 24
F 27	10 14	13 54	5 1	5 32	0 55	9 3	4 42	10 38	0 14	15 5	1 19	22 34	0 52	17 25	0 22	1 28	1 15	0 33	16 27	15 17	15 31	18 21	12 37	7 24
S 28	9 53	9 50	4 59	4 47	0 49	9 22	4 52	10 53	0 14	15 5	1 19	22 34	0 52	17 25	0 22	1 27	1 15	0 34	16 28	15 14	15 30	18 20	12 38	7 24
S 29	9 32	5 13	4 36	4 1	0 42	9 41	5 2	11 7	0 15	15 5	1 19	22 34	0 52	17 25	0 22	1 26	1 15	0 34	16 28	15 11	15 29	18 19	12 38	7 23
M30	9 11	0 22	3 57	3 16	0 35	10 0	5 13	11 22	0 16	15 5	1 19	22 34	0 51	17 25	0 22	1 25	1 15	0 34	16 28	15 8	15 28	18 18	12 39	7 23
T 31	8n50	4s22	3s 3	2n31	0n28	10s18	5s23	11s36	0s17	15n 6	1s19	22s34	0n51	17n25	0s22	1n25	1n15	0s35	16s29	15s 6	15s27	18s17	12s40	7n23

Julian Day Number = 2490472.5, Delta T = 96.31 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'46, Lahiri = 25°20'46

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ASTRODIENST EPHEMERIS for the year 2106
geocentric

SEPTEMBER 2106 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 39 14	8♍15'48	17♎34	26♍22	13♎52	0♏18	15♉ 7	0°R 3	20°R 6	29♍23	11°R 0	10°R51	12♏ 3	13♑22	1°R11	W 1
T 2	22 43 10	9°13'50	0♏45	27°57	14° 9	0°57	15° 8	0♑ 3	20♉ 6	29°25	11♉ 0	10♏49	12° 0	13°28	1♒ 8	T 2
F 3	22 47 7	10°11'53	13°32	29°31	14°25	1°36	15° 8	0° 3	20° 5	29°27	10°59	10°D49	11°57	13°35	1° 6	F 3
S 4	22 51 3	11° 9'57	25°58	1♏ 3	14°39	2°16	15°R 8	0°D 3	20° 5	29°29	10°59	10°49	11°54	13°42	1° 4	S 4
S 5	22 55 0	12° 8'02	8♐ 8	2°34	14°51	2°55	15° 8	0° 3	20° 4	29°31	10°58	10°R50	11°50	13°49	1° 2	S 5
M 6	22 58 56	13° 6'09	20° 6	4° 4	15° 0	3°34	15° 8	0° 3	20° 4	29°33	10°58	10°50	11°47	13°55	0°59	M 6
T 7	23 2 53	14° 4'18	1♑59	5°33	15° 8	4°14	15° 8	0° 3	20° 3	29°35	10°57	10°48	11°44	14° 2	0°57	T 7
W 8	23 6 49	15° 2'28	13°50	7° 0	15°13	4°53	15° 7	0° 3	20° 3	29°37	10°57	10°44	11°41	14° 9	0°55	W 8
T 9	23 10 46	16° 0'39	25°44	8°26	15°16	5°33	15° 6	0° 4	20° 2	29°40	10°56	10°38	11°38	14°15	0°53	T 9
F 10	23 14 43	16°58'52	7♒46	9°51	15°R17	6°13	15° 5	0° 4	20° 1	29°42	10°56	10°30	11°34	14°22	0°51	F 10
S 11	23 18 39	17°57'06	19°57	11°14	15°15	6°52	15° 4	0° 5	20° 1	29°44	10°55	10°20	11°31	14°29	0°49	S 11
S 12	23 22 36	18°55'23	2♓19	12°36	15°11	7°32	15° 2	0° 6	20° 0	29°46	10°54	10°11	11°28	14°35	0°47	S 12
M13	23 26 32	19°53'40	14°55	13°56	15° 5	8°12	15° 1	0° 6	19°59	29°48	10°54	10° 2	11°25	14°42	0°45	M13
T 14	23 30 29	20°52'00	27°43	15°15	14°56	8°52	14°59	0° 7	19°58	29°51	10°53	9°54	11°22	14°49	0°44	T 14
W15	23 34 25	21°50'21	10♈43	16°33	14°45	9°32	14°57	0° 8	19°57	29°53	10°52	9°49	11°19	14°56	0°42	W15
T 16	23 38 22	22°48'44	23°55	17°49	14°32	10°13	14°55	0°10	19°56	29°55	10°52	9°45	11°15	15° 2	0°40	T 16
F 17	23 42 18	23°47'10	7♉19	19° 3	14°16	10°53	14°52	0°11	19°55	29°57	10°51	9°D44	11°12	15° 9	0°39	F 17
S 18	23 46 15	24°45'37	20°53	20°16	13°58	11°33	14°49	0°12	19°54	29°59	10°50	9°45	11° 9	15°16	0°37	S 18
S 19	23 50 12	25°44'07	4♊39	21°27	13°37	12°14	14°47	0°13	19°53	0♎ 2	10°50	9°46	11° 6	15°22	0°36	S 19
M20	23 54 8	26°42'39	18°34	22°36	13°14	12°54	14°44	0°15	19°52	0° 4	10°49	9°47	11° 3	15°29	0°35	M20
T 21	23 58 5	27°41'13	2♋40	23°43	12°50	13°35	14°40	0°16	19°50	0° 6	10°48	9°R47	11° 0	15°36	0°33	T 21
W22	0 2 1	28°39'49	16°55	24°48	12°23	14°16	14°37	0°18	19°49	0° 8	10°47	9°46	10°56	15°43	0°32	W22
T 23	0 5 58	29°38'28	1♌16	25°50	11°55	14°57	14°33	0°20	19°48	0°11	10°47	9°43	10°53	15°49	0°31	T 23
F 24	0 9 54	0♎37'08	15°41	26°51	11°24	15°37	14°30	0°22	19°47	0°13	10°46	9°38	10°50	15°56	0°30	F 24
S 25	0 13 51	1°35'51	0♍ 4	27°49	10°53	16°18	14°26	0°24	19°45	0°15	10°45	9°32	10°47	16° 3	0°29	S 25
S 26	0 17 47	2°34'36	14°19	28°44	10°19	16°59	14°21	0°26	19°44	0°17	10°44	9°26	10°44	16° 9	0°28	S 26
M27	0 21 44	3°33'23	28°23	29°36	9°45	17°41	14°17	0°28	19°42	0°19	10°43	9°21	10°40	16°16	0°27	M27
T 28	0 25 40	4°32'12	12♎ 9	0♏24	9°10	18°22	14°13	0°30	19°41	0°22	10°42	9°17	10°37	16°23	0°26	T 28
W29	0 29 37	5°31'03	25°35	1°10	8°34	19° 3	14° 8	0°33	19°39	0°24	10°41	9°14	10°34	16°30	0°26	W29
T 30	0 33 34	6♎29'56	8♏41	1♏51	7♎57	19♏44	14♉ 3	0♑35	19♉38	0♎26	10♉41	9°D14	10♏31	16♑36	0♒25	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n28	8s45	2s 1	1n46	0n21	10s35	5s33	11s51	0s17	15n 6	1s20	22s34	0n51	17n25	0s22	1n24	1n15	0s35	16s29	15s 4	15s27	18s16	12s41	7n22
T 2	8 6	12 34	0 53	1 1	0 13	10 51	5 43	12 5	0 18	15 6	1 20	22 35	0 51	17 24	0 22	1 23	1 15	0 35	16 29	15 4	15 26	18 14	12 42	7 22
F 3	7 44	15 40	0n15	0 17	0 6	11 7	5 54	12 19	0 19	15 5	1 20	22 35	0 51	17 24	0 22	1 22	1 15	0 36	16 29	15 4	15 25	18 13	12 43	7 21
S 4	7 22	17 56	1 20	0s27	0s 2	11 21	6 4	12 33	0 20	15 5	1 20	22 35	0 51	17 24	0 22	1 21	1 15	0 36	16 30	15 4	15 24	18 12	12 44	7 21
S 5	7 0	19 20	2 21	1 11	0 10	11 35	6 14	12 48	0 20	15 5	1 20	22 35	0 50	17 24	0 22	1 20	1 15	0 37	16 30	15 4	15 23	18 11	12 44	7 21
M 6	6 38	19 49	3 14	1 54	0 18	11 48	6 24	13 2	0 21	15 5	1 21	22 35	0 50	17 24	0 22	1 20	1 15	0 37	16 30	15 4	15 22	18 10	12 45	7 20
T 7	6 16	19 26	3 59	2 36	0 26	12 0	6 34	13 16	0 22	15 5	1 21	22 35	0 50	17 24	0 22	1 19	1 15	0 38	16 30	15 3	15 21	18 9	12 46	7 20
W 8	5 53	18 11	4 33	3 18	0 34	12 11	6 43	13 30	0 22	15 4	1 21	22 35	0 50	17 24	0 22	1 18	1 15	0 38	16 31	15 2	15 20	18 8	12 47	7 19
T 9	5 31	16 8	4 56	4 0	0 43	12 21	6 53	13 43	0 23	15 4	1 21	22 36	0 50	17 23	0 22	1 17	1 15	0 38	16 31	15 0	15 19	18 7	12 48	7 19
F 10	5 8	13 24	5 5	4 41	0 51	12 30	7 2	13 57	0 24	15 3	1 21	22 36	0 50	17 23	0 22	1 16	1 15	0 39	16 31	14 58	15 18	18 6	12 49	7 19
S 11	4 46	10 3	5 2	5 21	0 59	12 38	7 12	14 11	0 24	15 3	1 22	22 36	0 49	17 23	0 22	1 15	1 15	0 39	16 32	14 55	15 17	18 5	12 49	7 18
S 12	4 23	6 13	4 44	6 1	1 7	12 44	7 20	14 25	0 25	15 2	1 22	22 36	0 49	17 23	0 22	1 14	1 15	0 40	16 32	14 52	15 16	18 4	12 50	7 18
M13	4 0	2 4	4 12	6 39	1 16	12 50	7 29	14 38	0 26	15 1	1 22	22 36	0 49	17 23	0 22	1 13	1 15	0 40	16 32	14 49	15 15	18 2	12 51	7 17
T 14	3 37	2n15	3 27	7 18	1 24	12 54	7 37	14 52	0 26	15 1	1 22	22 36	0 49	17 22	0 22	1 13	1 15	0 40	16 32	14 46	15 14	18 1	12 52	7 17
W15	3 14	6 32	2 30	7 55	1 32	12 57	7 45	15 5	0 27	15 0	1 22	22 37	0 49	17 22	0 22	1 12	1 15	0 41	16 33	14 45	15 13	18 0	12 53	7 16
T 16	2 51	10 35	1 24	8 32	1 41	12 58	7 52	15 19	0 28	14 59	1 22	22 37	0 49	17 22	0 22	1 11	1 15	0 41	16 33	14 44	15 12	17 59	12 53	7 16
F 17	2 28	14 9	0 13	9 8	1 49	12 58	7 59	15 32	0 28	14 58	1 23	22 37	0 49	17 22	0 22	1 10	1 15	0 42	16 33	14 43	15 11	17 58	12 54	7 16
S 18	2 5	17 0	1s 0	9 43	1 57	12 57	8 5	15 45	0 29	14 57	1 23	22 37	0 48	17 21	0 22	1 9	1 15	0 42	16 33	14 43	15 10	17 57	12 55	7 15
S 19	1 42	18 55	2 11	10 17	2 5	12 54	8 11	15 58	0 30	14 56	1 23	22 37	0 48	17 21	0 22	1 8	1 15	0 43	16 33	14 44	15 9	17 56	12 56	7 15
M20	1 18	19 42	3 15	10 50	2 13	12 50	8 16	16 11	0 30	14 55	1 23	22 37	0 48	17 21	0 22	1 7	1 15	0 43	16 34	14 44	15 8	17 55	12 56	7 14
T 21	0 55	19 16	4 8	11 22	2 20	12 44	8 21	16 24	0 31	14 54	1 23	22 38	0 48	17 20	0 22	1 6	1 15	0 43	16 34	14 44	15 7	17 54	12 57	7 14
W22	0 32	17 37	4 46	11 53	2 28	12 37	8 24	16 37	0 32	14 53	1 23	22 38	0 48	17 20	0 22	1 6	1 15	0 44	16 34	14 44	15 6	17 52	12 58	7 13
T 23	0 9	14 52	5 7	12 23	2 35	12 28	8 27	16 49	0 32	14 52	1 24	22 38	0 48	17 20	0 22	1 5	1 15	0 44	16 34	14 43	15 5	17 51	12 59	7 13
F 24	0s15	11 13	5 8	12 52	2 42	12 18	8 29	17 2	0 33	14 51	1 24	22 38	0 47	17 19	0 22	1 4	1 15	0 45	16 35	14 41	15 4	17 50	12 59	7 12
S 25	0 38	6 54	4 51	13 19	2 49	12 7	8 30	17 14	0 33	14 49	1 24	22 38	0 47	17 19	0 22	1 3	1 15	0 45	16 35	14 39	15 3	17 49	13 0	7 12
S 26	1 1	2 15	4 15	13 45	2 56	11 54	8 31	17 27	0 34	14 48	1 24	22 38	0 47	17 18	0 22	1 2	1 15	0 46	16 35	14 38	15 2	17 48	13 1	7 11
M27	1 25	2s29	3 24	14 10	3 2	11 40	8 30	17 39	0 35	14 46	1 24	22 38	0 47	17 18	0 22	1 1	1 15	0 46	16 35	14 36	15 1	17 47	13 1	7 11
T 28	1 48	6 59	2 22	14 32	3 8	11 25	8 29	17 51	0 35	14 45	1 24	22 39	0 47	17 18	0 22	1 0	1 15	0 46	16 35	14 35	15 0	17 46	13 2	7 10
W29	2 11	11 2	1 14	14 54	3 14	11 8	8 26	18 3	0 36	14 44	1 24	22 39	0 47	17 17	0 22	0 59	1 15	0 47	16 36	14 34	14 59	17 44	13 3	7 10
T 30	2s35	14s26	0s 3	15s13	3s19	10s51	8s23	18s15	0s36	14n42	1s25	22s39	0n47	17n17	0s22	0n59	1n15	0s47	16s36	14s34	14s58	17s43	13s 3	7n 9

Julian Day Number = 2490503.5, Delta T = 96.35 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'50, Lahiri = 25°20'51

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OCTOBER 2106 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 37 30	7♎28'51	21♏25	2♏29	7°R20	20♏26	13°R58	0♑38	19°R36	0♎28	10°R40	9♏14	10♏28	16♑43	0°R25	F 1
S 2	0 41 27	8°27'47	3♐51	3° 2	6♎44	21° 7	13♉53	0°40	19♉34	0°31	10♉39	9°16	10°25	16°50	0♒24	S 2
S 3	0 45 23	9°26'46	16° 2	3°30	6° 7	21°49	13°47	0°43	19°33	0°33	10°38	9°17	10°21	16°56	0°24	S 3
M 4	0 49 20	10°25'46	28° 2	3°53	5°31	22°31	13°42	0°46	19°31	0°35	10°37	9°19	10°18	17° 3	0°23	M 4
T 5	0 53 16	11°24'48	9♑55	4°10	4°55	23°13	13°36	0°49	19°29	0°37	10°36	9°R19	10°15	17°10	0°23	T 5
W 6	0 57 13	12°23'51	21°47	4°21	4°20	23°54	13°30	0°52	19°27	0°39	10°35	9°19	10°12	17°16	0°23	W 6
T 7	1 1 9	13°22'57	3♒43	4°R25	3°47	24°36	13°24	0°55	19°25	0°42	10°34	9°17	10° 9	17°23	0°23	T 7
F 8	1 5 6	14°22'04	15°47	4°23	3°15	25°18	13°18	0°58	19°24	0°44	10°33	9°15	10° 5	17°30	0°D23	F 8
S 9	1 9 3	15°21'13	28° 2	4°13	2°44	26° 0	13°12	1° 1	19°22	0°46	10°32	9°11	10° 2	17°37	0°23	S 9
S 10	1 12 59	16°20'24	10♓32	3°56	2°15	26°43	13° 5	1° 4	19°20	0°48	10°31	9° 8	9°59	17°43	0°23	S 10
M11	1 16 56	17°19'36	23°18	3°30	1°48	27°25	12°59	1° 8	19°18	0°50	10°30	9° 4	9°56	17°50	0°23	M11
T 12	1 20 52	18°18'51	6♈22	2°56	1°23	28° 7	12°52	1°11	19°16	0°52	10°29	9° 1	9°53	17°57	0°23	T 12
W13	1 24 49	19°18'07	19°43	2°14	1° 0	28°49	12°45	1°15	19°14	0°55	10°28	8°59	9°50	18° 3	0°23	W13
T 14	1 28 45	20°17'26	3♉20	1°25	0°39	29°32	12°39	1°18	19°12	0°57	10°27	8°D58	9°46	18°10	0°24	T 14
F 15	1 32 42	21°16'47	17° 9	0°28	0°21	0♐14	12°31	1°22	19°10	0°59	10°26	8°58	9°43	18°17	0°24	F 15
S 16	1 36 38	22°16'10	1♊10	29♎25	0° 4	0°57	12°24	1°26	19° 7	1° 1	10°25	8°59	9°40	18°24	0°25	S 16
S 17	1 40 35	23°15'35	15°17	28°17	29♍51	1°40	12°17	1°30	19° 5	1° 3	10°24	9° 0	9°37	18°30	0°25	S 17
M18	1 44 32	24°15'03	29°29	27° 5	29°40	2°22	12°10	1°34	19° 3	1° 5	10°23	9° 1	9°34	18°37	0°26	M18
T 19	1 48 28	25°14'33	13♋43	25°51	29°31	3° 5	12° 2	1°38	19° 1	1° 7	10°21	9° 2	9°31	18°44	0°27	T 19
W20	1 52 25	26°14'05	27°55	24°38	29°25	3°48	11°55	1°42	18°59	1° 9	10°20	9°R 3	9°27	18°50	0°28	W20
T 21	1 56 21	27°13'39	12♌ 5	23°28	29°21	4°31	11°47	1°46	18°56	1°11	10°19	9° 2	9°24	18°57	0°28	T 21
F 22	2 0 18	28°13'16	26° 9	22°22	29°D19	5°14	11°39	1°51	18°54	1°13	10°18	9° 1	9°21	19° 4	0°29	F 22
S 23	2 4 14	29°12'55	10♍ 6	21°23	29°20	5°57	11°32	1°55	18°52	1°15	10°17	9° 0	9°18	19°11	0°30	S 23
S 24	2 8 11	0♏12'36	23°53	20°32	29°24	6°41	11°24	1°59	18°50	1°17	10°16	8°59	9°15	19°17	0°32	S 24
M25	2 12 7	1°12'19	7♎29	19°50	29°30	7°24	11°16	2° 4	18°47	1°19	10°15	8°58	9°11	19°24	0°33	M25
T 26	2 16 4	2°12'05	20°50	19°19	29°38	8° 7	11° 8	2° 8	18°45	1°21	10°14	8°57	9° 8	19°31	0°34	T 26
W27	2 20 1	3°11'52	3♏57	19° 0	29°48	8°51	11° 0	2°13	18°43	1°23	10°13	8°D57	9° 5	19°37	0°35	W27
T 28	2 23 57	4°11'42	16°48	18°D52	0♎ 0	9°34	10°52	2°18	18°40	1°25	10°12	8°57	9° 2	19°44	0°37	T 28
F 29	2 27 54	5°11'33	29°24	18°55	0°15	10°18	10°44	2°23	18°38	1°27	10°10	8°57	8°59	19°51	0°38	F 29
S 30	2 31 50	6°11'27	11♐45	19° 9	0°31	11° 1	10°36	2°28	18°35	1°29	10° 9	8°58	8°56	19°58	0°40	S 30
S 31	2 35 47	7♏11'22	23♐54	19♎33	0♎50	11♐45	10♉28	2♑33	18♉33	1♎31	10♉ 8	8♏58	8♏52	20♑ 4	0♒41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	2s58	17s 2	1n 6	15s30	3s23	10s32	8s19	18s26	0s37	14n40	1s25	22s39	0n46	17n16	0s22	0n58	1n15	0s48	16s36	14s34	14s57	17s42	13s 4	7n 9	
S 2	3 21	18 46	2 11	15 45	3 27	10 13	8 14	18 38	0 38	14 39	1 25	22 39	0 46	17 16	0 22	0 57	1 15	0 48	16 36	14 34	14 56	17 41	13 5	7 8	
S 3	3 44	19 34	3 8	15 58	3 30	9 53	8 7	18 49	0 38	14 37	1 25	22 39	0 46	17 15	0 22	0 56	1 15	0 49	16 36	14 35	14 55	17 40	13 5	7 8	
M 4	4 8	19 28	3 56	16 8	3 33	9 32	8 1	19 1	0 39	14 35	1 25	22 39	0 46	17 15	0 22	0 55	1 15	0 49	16 36	14 35	14 54	17 39	13 6	7 7	
T 5	4 31	18 30	4 34	16 15	3 34	9 11	7 53	19 12	0 39	14 33	1 25	22 39	0 46	17 14	0 22	0 54	1 15	0 49	16 37	14 35	14 53	17 37	13 6	7 7	
W 6	4 54	16 44	4 59	16 20	3 35	8 49	7 44	19 23	0 40	14 32	1 25	22 40	0 46	17 14	0 22	0 53	1 15	0 50	16 37	14 35	14 52	17 36	13 7	7 6	
T 7	5 17	14 14	5 12	16 21	3 35	8 27	7 35	19 34	0 40	14 30	1 25	22 40	0 45	17 13	0 22	0 52	1 15	0 50	16 37	14 35	14 51	17 35	13 7	7 6	
F 8	5 40	11 8	5 12	16 19	3 33	8 6	7 25	19 44	0 41	14 28	1 25	22 40	0 45	17 13	0 22	0 52	1 15	0 51	16 37	14 34	14 50	17 34	13 8	7 5	
S 9	6 2	7 30	4 57	16 13	3 30	7 44	7 14	19 55	0 41	14 26	1 25	22 40	0 45	17 12	0 22	0 51	1 15	0 51	16 37	14 33	14 49	17 33	13 8	7 4	
S 10	6 25	3 28	4 28	16 3	3 26	7 22	7 3	20 5	0 42	14 24	1 26	22 40	0 45	17 12	0 22	0 50	1 15	0 52	16 37	14 32	14 48	17 32	13 9	7 4	
M11	6 48	0n48	3 46	15 48	3 20	7 0	6 51	20 16	0 43	14 22	1 26	22 40	0 45	17 11	0 22	0 49	1 15	0 52	16 37	14 31	14 47	17 30	13 9	7 3	
T 12	7 11	5 8	2 50	15 30	3 13	6 39	6 39	20 26	0 43	14 20	1 26	22 40	0 45	17 11	0 22	0 48	1 15	0 52	16 37	14 30	14 46	17 29	13 10	7 3	
W13	7 33	9 19	1 44	15 6	3 3	6 18	6 27	20 36	0 44	14 18	1 26	22 40	0 45	17 10	0 22	0 47	1 15	0 53	16 38	14 29	14 45	17 28	13 10	7 2	
T 14	7 55	13 6	0 31	14 39	2 52	5 58	6 14	20 45	0 44	14 16	1 26	22 41	0 44	17 10	0 22	0 47	1 15	0 53	16 38	14 29	14 44	17 27	13 11	7 2	
F 15	8 18	16 14	0s45	14 7	2 39	5 39	6 0	20 55	0 45	14 13	1 26	22 41	0 44	17 9	0 22	0 46	1 15	0 54	16 38	14 29	14 43	17 26	13 11	7 1	
S 16	8 40	18 26	2 0	13 30	2 24	5 20	5 47	21 4	0 45	14 11	1 26	22 41	0 44	17 9	0 22	0 45	1 15	0 54	16 38	14 29	14 42	17 24	13 12	7 1	
S 17	9 2	19 30	3 8	12 51	2 8	5 2	5 33	21 13	0 46	14 9	1 26	22 41	0 44	17 8	0 22	0 44	1 15	0 54	16 38	14 29	14 41	17 23	13 12	7 0	
M18	9 24	19 21	4 4	12 8	1 50	4 45	5 20	21 23	0 46	14 7	1 26	22 41	0 44	17 7	0 22	0 43	1 15	0 55	16 38	14 30	14 40	17 22	13 12	7 0	
T 19	9 46	17 58	4 46	11 24	1 31	4 29	5 6	21 31	0 47	14 4	1 26	22 41	0 44	17 7	0 22	0 43	1 15	0 55	16 38	14 30	14 39	17 21	13 13	6 59	
W20	10 7	15 29	5 11	10 38	1 11	4 14	4 52	21 40	0 47	14 2	1 26	22 41	0 44	17 6	0 22	0 42	1 15	0 56	16 38	14 30	14 38	17 20	13 13	6 59	
T 21	10 29	12 6	5 16	9 53	0 50	3 59	4 38	21 49	0 48	14 0	1 26	22 41	0 44	17 6	0 22	0 41	1 16	0 56	16 38	14 30	14 37	17 18	13 13	6 58	
F 22	10 50	8 3	5 3	9 9	0 30	3 46	4 24	21 57	0 48	13 57	1 26	22 41	0 43	17 5	0 22	0 40	1 16	0 56	16 38	14 30	14 36	17 17	13 14	6 58	
S 23	11 11	3 35	4 31	8 28	0 9	3 34	4 10	22 5	0 49	13 55	1 26	22 41	0 43	17 4	0 22	0 39	1 16	0 57	16 38	14 29	14 35	17 16	13 14	6 57	
S 24	11 32	1s 1	3 45	7 51	0n11	3 23	3 56	22 13	0 49	13 53	1 26	22 41	0 43	17 4	0 22	0 39	1 16	0 57	16 38	14 29	14 34	17 15	13 14	6 57	
M25	11 53	5 30	2 46	7 18	0 29	3 12	3 43	22 21	0 49	13 50	1 26	22 41	0 43	17 3	0 22	0 38	1 16	0 57	16 38	14 29	14 33	17 14	13 15	6 56	
T 26	12 14	9 39	1 39	6 50	0 47	3 3	3 29	22 28	0 50	13 48	1 26	22 42	0 43	17 2	0 22	0 37	1 16	0 58	16 39	14 28	14 32	17 12	13 15	6 56	
W27	12 34	13 16	0 28	6 28	1 2	2 55	3 16	22 35	0 50	13 45	1 26	22 42	0 43	17 2	0 22	0 36	1 16	0 58	16 39	14 28	14 31	17 11	13 15	6 55	
T 28	12 55	16 9	0n43	6 12	1 17	2 48	3 3	22 42	0 51	13 43	1 26	22 42	0 43	17 1	0 22	0 36	1 16	0 58	16 39	14 28	14 30	17 10	13 15	6 54	
F 29	13 15	18 12	1 51	6 2	1 29	2 42	2 50	22 49	0 51	13 40	1 26	22 42	0 42	17 0	0 22	0 35	1 16	0 59	16 39	14 28	14 29	17 9	13 15	6 54	
S 30	13 35	19 20	2 52	5 57	1 40	2 37	2 38	22 56	0 52	13 38	1 26	22 42	0 42	17 0	0 22	0 34	1 16	0 59	16 39	14 28	14 28	17 7	13 16	6 53	
S 31	13s54	19s33	3n44	5s58	1n49	2s33	2s25	23s 2	0s52	13n35	1s26	22s42	0n42	16n59	0s22	0n33	1n16	0s59	16s39	14s29	14s27	17s 6	13s16	6n53	

Julian Day Number = 2490533.5, Delta T = 96.39 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'54, Lahiri = 25°20'55

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ASTRODIENST EPHEMERIS for the year 2106
geocentric

NOVEMBER 2106 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 39 43	8♏11'19	5♑53	20♎ 7	1♎11	12♐29	10°R20	2♑38	18°R31	1♎33	10°R 7	8♏58	8♏49	20♑11	0♒43	M 1
T 2	2 43 40	9°11'17	17°47	20°49	1°33	13°12	10♉11	2°43	18♉28	1°35	10♉ 6	8°R58	8°46	20°18	0°45	T 2
W 3	2 47 36	10°11'17	29°39	21°40	1°57	13°56	10° 3	2°48	18°26	1°37	10° 5	8°58	8°43	20°24	0°47	W 3
T 4	2 51 33	11°11'19	11♒33	22°37	2°23	14°40	9°55	2°53	18°23	1°38	10° 4	8°D58	8°40	20°31	0°49	T 4
F 5	2 55 30	12°11'22	23°35	23°41	2°51	15°24	9°47	2°58	18°21	1°40	10° 3	8°58	8°36	20°38	0°51	F 5
S 6	2 59 26	13°11'27	5♓49	24°50	3°20	16° 8	9°39	3° 4	18°18	1°42	10° 1	8°58	8°33	20°45	0°53	S 6
S 7	3 3 23	14°11'34	18°20	26° 3	3°51	16°53	9°31	3° 9	18°16	1°44	10° 0	8°59	8°30	20°51	0°55	S 7
M 8	3 7 19	15°11'42	1♈10	27°21	4°23	17°37	9°23	3°14	18°13	1°46	9°59	8°59	8°27	20°58	0°57	M 8
T 9	3 11 16	16°11'51	14°22	28°41	4°57	18°21	9°15	3°20	18°11	1°47	9°58	9° 0	8°24	21° 5	0°59	T 9
W10	3 15 12	17°12'02	27°57	0♏ 5	5°32	19° 5	9° 7	3°25	18° 8	1°49	9°57	9° 1	8°21	21°11	1° 1	W10
T 11	3 19 9	18°12'15	11♉53	1°31	6° 9	19°50	8°59	3°31	18° 6	1°51	9°56	9°R 1	8°17	21°18	1° 4	T 11
F 12	3 23 5	19°12'30	26° 9	2°59	6°46	20°34	8°51	3°37	18° 3	1°52	9°55	9° 0	8°14	21°25	1° 6	F 12
S 13	3 27 2	20°12'47	10♊38	4°29	7°26	21°19	8°43	3°43	18° 1	1°54	9°54	8°59	8°11	21°32	1° 9	S 13
S 14	3 30 58	21°13'05	25°15	6° 0	8° 6	22° 3	8°35	3°48	17°58	1°56	9°52	8°58	8° 8	21°38	1°11	S 14
M15	3 34 55	22°13'25	9♋53	7°32	8°48	22°48	8°27	3°54	17°56	1°57	9°51	8°56	8° 5	21°45	1°14	M15
T 16	3 38 52	23°13'47	24°27	9° 5	9°30	23°33	8°20	4° 0	17°53	1°59	9°50	8°55	8° 2	21°52	1°17	T 16
W17	3 42 48	24°14'11	8♌50	10°38	10°14	24°18	8°12	4° 6	17°51	2° 0	9°49	8°54	7°58	21°59	1°19	W17
T 18	3 46 45	25°14'37	23° 1	12°12	10°59	25° 2	8° 5	4°12	17°49	2° 2	9°48	8°D53	7°55	22° 5	1°22	T 18
F 19	3 50 41	26°15'05	6♍56	13°47	11°45	25°47	7°57	4°18	17°46	2° 3	9°47	8°53	7°52	22°12	1°25	F 19
S 20	3 54 38	27°15'35	20°36	15°22	12°32	26°32	7°50	4°24	17°44	2° 5	9°46	8°54	7°49	22°19	1°28	S 20
S 21	3 58 34	28°16'06	4♎ 1	16°57	13°19	27°17	7°43	4°30	17°41	2° 6	9°45	8°56	7°46	22°25	1°31	S 21
M22	4 2 31	29°16'39	17°11	18°32	14° 8	28° 2	7°36	4°36	17°39	2° 8	9°44	8°57	7°42	22°32	1°34	M22
T 23	4 6 27	0♐17'14	0♏ 8	20° 7	14°57	28°47	7°29	4°43	17°36	2° 9	9°43	8°58	7°39	22°39	1°37	T 23
W24	4 10 24	1°17'51	12°53	21°42	15°48	29°33	7°22	4°49	17°34	2°10	9°42	8°R58	7°36	22°46	1°40	W24
T 25	4 14 21	2°18'29	25°25	23°17	16°39	0♑18	7°15	4°55	17°32	2°12	9°41	8°57	7°33	22°52	1°43	T 25
F 26	4 18 17	3°19'09	7♐47	24°52	17°31	1° 3	7° 9	5° 2	17°29	2°13	9°40	8°55	7°30	22°59	1°47	F 26
S 27	4 22 14	4°19'50	20° 0	26°28	18°23	1°49	7° 2	5° 8	17°27	2°14	9°39	8°52	7°27	23° 6	1°50	S 27
S 28	4 26 10	5°20'32	2♑ 4	28° 3	19°17	2°34	6°56	5°14	17°25	2°15	9°38	8°47	7°23	23°12	1°53	S 28
M29	4 30 7	6°21'16	14° 0	29°37	20°11	3°20	6°50	5°21	17°22	2°17	9°37	8°42	7°20	23°19	1°57	M29
T 30	4 34 3	7♐22'01	25♑53	1♐12	21♎ 5	4♑ 5	6♉44	5♑27	17♉20	2♎18	9♉36	8♏37	7♏17	23♑26	2♒ 0	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s14	18s52	4n26	6s 4	1n56	2s30	2s13	23s 9	0s53	13n33	1s26	22s42	0n42	16n58	0s22	0n33	1n16	1s 0	16s39	14s29	14s26	17s 5	13s16	6n52
T 2	14 33	17 21	4 56	6 14	2 2	2 28	2 1	23 15	0 53	13 31	1 26	22 42	0 42	16 58	0 22	0 32	1 16	1 0	16 39	14 29	14 25	17 4	13 16	6 52
W 3	14 52	15 6	5 13	6 29	2 6	2 27	1 49	23 20	0 53	13 28	1 26	22 42	0 42	16 57	0 22	0 31	1 16	1 0	16 39	14 29	14 24	17 2	13 16	6 51
T 4	15 11	12 13	5 17	6 47	2 10	2 27	1 38	23 26	0 54	13 26	1 25	22 42	0 42	16 56	0 22	0 31	1 16	1 1	16 39	14 29	14 23	17 1	13 16	6 51
F 5	15 29	8 49	5 7	7 9	2 11	2 27	1 27	23 31	0 54	13 23	1 25	22 42	0 42	16 56	0 22	0 30	1 16	1 1	16 39	14 29	14 22	17 0	13 16	6 50
S 6	15 47	4 59	4 43	7 34	2 12	2 29	1 16	23 36	0 55	13 21	1 25	22 42	0 41	16 55	0 22	0 29	1 16	1 1	16 38	14 29	14 21	16 59	13 16	6 50
S 7	16 5	0 51	4 6	8 0	2 12	2 31	1 5	23 41	0 55	13 18	1 25	22 42	0 41	16 54	0 22	0 29	1 16	1 2	16 38	14 29	14 20	16 57	13 17	6 49
M 8	16 23	3n27	3 15	8 29	2 10	2 35	0 55	23 46	0 55	13 16	1 25	22 42	0 41	16 54	0 22	0 28	1 16	1 2	16 38	14 29	14 19	16 56	13 17	6 49
T 9	16 40	7 42	2 12	9 0	2 8	2 39	0 45	23 50	0 56	13 13	1 25	22 42	0 41	16 53	0 22	0 27	1 16	1 2	16 38	14 29	14 18	16 55	13 17	6 48
W10	16 57	11 41	1 1	9 32	2 6	2 44	0 35	23 54	0 56	13 11	1 25	22 42	0 41	16 52	0 22	0 27	1 16	1 2	16 38	14 29	14 17	16 54	13 17	6 48
T 11	17 14	15 8	0s16	10 5	2 2	2 49	0 25	23 58	0 56	13 9	1 25	22 42	0 41	16 52	0 22	0 26	1 16	1 3	16 38	14 29	14 16	16 52	13 17	6 47
F 12	17 31	17 46	1 34	10 39	1 58	2 56	0 16	24 2	0 57	13 6	1 25	22 42	0 41	16 51	0 22	0 25	1 16	1 3	16 38	14 29	14 15	16 51	13 16	6 47
S 13	17 47	19 17	2 46	11 13	1 54	3 3	0 7	24 5	0 57	13 4	1 24	22 42	0 41	16 50	0 22	0 25	1 16	1 3	16 38	14 29	14 14	16 50	13 16	6 46
S 14	18 3	19 32	3 49	11 48	1 49	3 11	0n 2	24 9	0 58	13 1	1 24	22 42	0 41	16 50	0 22	0 24	1 16	1 3	16 38	14 29	14 13	16 49	13 16	6 46
M15	18 19	18 28	4 37	12 23	1 44	3 19	0 10	24 11	0 58	12 59	1 24	22 42	0 40	16 49	0 22	0 24	1 16	1 4	16 38	14 28	14 12	16 47	13 16	6 46
T 16	18 34	16 12	5 6	12 58	1 38	3 29	0 19	24 14	0 58	12 57	1 24	22 41	0 40	16 48	0 22	0 23	1 16	1 4	16 38	14 28	14 10	16 46	13 16	6 45
W17	18 49	12 57	5 16	13 33	1 32	3 38	0 27	24 17	0 59	12 55	1 24	22 41	0 40	16 48	0 22	0 22	1 16	1 4	16 38	14 27	14 9	16 45	13 16	6 45
T 18	19 4	9 0	5 7	14 7	1 26	3 49	0 35	24 19	0 59	12 52	1 24	22 41	0 40	16 47	0 22	0 22	1 16	1 4	16 38	14 27	14 8	16 44	13 16	6 44
F 19	19 18	4 38	4 39	14 42	1 20	4 0	0 42	24 21	0 59	12 50	1 23	22 41	0 40	16 46	0 22	0 21	1 17	1 5	16 37	14 27	14 7	16 42	13 16	6 44
S 20	19 32	0 6	3 56	15 16	1 13	4 11	0 49	24 22	1 0	12 48	1 23	22 41	0 40	16 46	0 22	0 21	1 17	1 5	16 37	14 27	14 6	16 41	13 15	6 43
S 21	19 46	4s22	3 1	15 49	1 7	4 23	0 56	24 24	1 0	12 46	1 23	22 41	0 40	16 45	0 22	0 20	1 17	1 5	16 37	14 28	14 5	16 40	13 15	6 43
M22	19 59	8 33	1 57	16 22	1 0	4 36	1 3	24 25	1 0	12 44	1 23	22 41	0 40	16 44	0 22	0 20	1 17	1 5	16 37	14 28	14 4	16 38	13 15	6 42
T 23	20 12	12 16	0 49	16 54	0 53	4 49	1 10	24 25	1 0	12 42	1 23	22 41	0 40	16 44	0 22	0 19	1 17	1 5	16 37	14 29	14 3	16 37	13 15	6 42
W24	20 24	15 21	0n21	17 26	0 46	5 2	1 16	24 26	1 1	12 40	1 22	22 41	0 39	16 43	0 22	0 19	1 17	1 6	16 37	14 29	14 2	16 36	13 15	6 42
T 25	20 37	17 40	1 29	17 57	0 39	5 16	1 22	24 26	1 1	12 38	1 22	22 41	0 39	16 42	0 22	0 18	1 17	1 6	16 37	14 28	14 1	16 34	13 14	6 41
F 26	20 48	19 6	2 32	18 27	0 32	5 31	1 28	24 26	1 1	12 36	1 22	22 40	0 39	16 42	0 22	0 18	1 17	1 6	16 37	14 28	14 0	16 33	13 14	6 41
S 27	21 0	19 37	3 26	18 56	0 26	5 45	1 34	24 26	1 2	12 34	1 22	22 40	0 39	16 41	0 22	0 17	1 17	1 6	16 36	14 27	13 59	16 32	13 14	6 40
S 28	21 11	19 13	4 11	19 25	0 19	6 1	1 39	24 26	1 2	12 32	1 22	22 40	0 39	16 40	0 22	0 17	1 17	1 6	16 36	14 25	13 58	16 31	13 13	6 40
M29	21 21	17 58	4 44	19 52	0 12	6 16	1 44	24 25	1 2	12 30	1 21	22 40	0 39	16 40	0 22	0 16	1 17	1 6	16 36	14 23	13 57	16 29	13 13	6 39
T 30	21s31	15s58	5n 5	20s19	0n 5	6s32	1n49	24s24	1s 2	12n29	1s21	22s40	0n39	16n39	0s22	0n16	1n17	1s 6	16s36	14s22	13s56	16s28	13s13	6n39

Julian Day Number = 2490564.5, Delta T = 96.44 sec
Ecliptic obliquity = 23°25'24, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'59, Lahiri = 25°20'59

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ASTRODIENST EPHEMERIS for the year 2106
geocentric

DECEMBER 2106 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 38 0	8♐22'47	7♒44	2♐47	22♎ 1	4♑51	6°R38	5♑34	17°R18	2♎19	9°R35	8°R33	7♏14	23♑33	2♒ 4	W 1
T 2	4 41 57	9°23'33	19°36	4°21	22°56	5°36	6♑32	5°41	17♑15	2°20	9♑34	8♏29	7°11	23°39	2° 7	T 2
F 3	4 45 53	10°24'21	1♓35	5°56	23°53	6°22	6°27	5°47	17°13	2°21	9°33	8°28	7° 8	23°46	2°11	F 3
S 4	4 49 50	11°25'10	13°45	7°30	24°50	7° 8	6°22	5°54	17°11	2°22	9°32	8°D27	7° 4	23°53	2°15	S 4
S 5	4 53 46	12°25'59	26°10	9° 5	25°48	7°54	6°16	6° 1	17° 9	2°23	9°31	8°28	7° 1	23°59	2°19	S 5
M 6	4 57 43	13°26'50	8♈56	10°39	26°46	8°39	6°11	6° 7	17° 7	2°24	9°30	8°30	6°58	24° 6	2°22	M 6
T 7	5 1 39	14°27'41	22° 5	12°13	27°44	9°25	6° 7	6°14	17° 4	2°25	9°29	8°31	6°55	24°13	2°26	T 7
W 8	5 5 36	15°28'33	5♉42	13°48	28°43	10°11	6° 2	6°21	17° 2	2°26	9°28	8°R32	6°52	24°20	2°30	W 8
T 9	5 9 32	16°29'26	19°46	15°22	29°43	10°57	5°57	6°28	17° 0	2°27	9°27	8°32	6°48	24°26	2°34	T 9
F 10	5 13 29	17°30'20	4♊15	16°56	0♏43	11°43	5°53	6°34	16°58	2°28	9°26	8°29	6°45	24°33	2°38	F 10
S 11	5 17 26	18°31'15	19° 5	18°30	1°44	12°29	5°49	6°41	16°56	2°29	9°26	8°25	6°42	24°40	2°42	S 11
S 12	5 21 22	19°32'11	4♋ 8	20° 4	2°45	13°15	5°45	6°48	16°54	2°29	9°25	8°19	6°39	24°47	2°46	S 12
M13	5 25 19	20°33'08	19°14	21°39	3°46	14° 1	5°41	6°55	16°52	2°30	9°24	8°13	6°36	24°53	2°50	M13
T 14	5 29 15	21°34'05	4♌14	23°13	4°48	14°48	5°38	7° 2	16°50	2°31	9°23	8° 6	6°33	25° 0	2°54	T 14
W15	5 33 12	22°35'04	18°58	24°48	5°50	15°34	5°35	7° 9	16°48	2°32	9°22	8° 0	6°29	25° 7	2°59	W15
T 16	5 37 8	23°36'04	3♍22	26°22	6°52	16°20	5°31	7°16	16°47	2°32	9°22	7°57	6°26	25°13	3° 3	T 16
F 17	5 41 5	24°37'05	17°23	27°57	7°55	17° 7	5°28	7°23	16°45	2°33	9°21	7°55	6°23	25°20	3° 7	F 17
S 18	5 45 1	25°38'07	0♎59	29°31	8°59	17°53	5°26	7°30	16°43	2°34	9°20	7°D55	6°20	25°27	3°11	S 18
S 19	5 48 58	26°39'10	14°14	1♏ 6	10° 2	18°39	5°23	7°37	16°41	2°34	9°19	7°56	6°17	25°34	3°16	S 19
M20	5 52 55	27°40'13	27° 9	2°41	11° 6	19°26	5°21	7°44	16°39	2°35	9°19	7°57	6°14	25°40	3°20	M20
T 21	5 56 51	28°41'18	9♏48	4°16	12°11	20°12	5°19	7°51	16°38	2°35	9°18	7°R57	6°10	25°47	3°24	T 21
W22	6 0 48	29°42'24	22°15	5°52	13°15	20°59	5°17	7°58	16°36	2°36	9°17	7°56	6° 7	25°54	3°29	W22
T 23	6 4 44	0♑43'30	4♐31	7°27	14°20	21°45	5°15	8° 5	16°35	2°36	9°17	7°52	6° 4	26° 0	3°33	T 23
F 24	6 8 41	1°44'37	16°39	9° 3	15°25	22°32	5°13	8°12	16°33	2°37	9°16	7°46	6° 1	26° 7	3°38	F 24
S 25	6 12 37	2°45'45	28°42	10°39	16°31	23°19	5°12	8°19	16°32	2°37	9°15	7°38	5°58	26°14	3°42	S 25
S 26	6 16 34	3°46'53	10♑39	12°14	17°36	24° 5	5°11	8°26	16°30	2°37	9°15	7°27	5°54	26°21	3°47	S 26
M27	6 20 30	4°48'01	22°33	13°50	18°42	24°52	5°10	8°33	16°29	2°38	9°14	7°15	5°51	26°27	3°52	M27
T 28	6 24 27	5°49'10	4♒24	15°27	19°48	25°39	5° 9	8°40	16°27	2°38	9°14	7° 3	5°48	26°34	3°56	T 28
W29	6 28 24	6°50'19	16°16	17° 3	20°55	26°26	5° 9	8°47	16°26	2°38	9°13	6°52	5°45	26°41	4° 1	W29
T 30	6 32 20	7°51'28	28° 9	18°39	22° 1	27°13	5° 9	8°55	16°25	2°38	9°13	6°43	5°42	26°48	4° 6	T 30
F 31	6 36 17	8♑52'37	10♓ 7	20♑15	23♏ 8	27♑59	5°D 9	9♑ 2	16♑23	2♎38	9♑12	6♏36	5♏39	26♑54	4♒10	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s41	13s17	5n12	20s44	0s 2	6s48	1n54	24s23	1s 3	12n27	1s21	22s40	0n39	16n38	0s21	0n16	1n17	1s 6	16s36	14s20	13s55	16s27	13s12	6n39
T 2	21 51	10 4	5 7	21 9	0 9	7 4	1 59	24 21	1 3	12 25	1 21	22 39	0 39	16 38	0 21	0 15	1 17	1 7	16 35	14 19	13 54	16 25	13 12	6 38
F 3	22 0	6 25	4 48	21 32	0 16	7 21	2 3	24 19	1 3	12 24	1 20	22 39	0 39	16 37	0 21	0 15	1 17	1 7	16 35	14 19	13 53	16 24	13 11	6 38
S 4	22 8	2 27	4 15	21 55	0 22	7 38	2 7	24 17	1 3	12 22	1 20	22 39	0 38	16 37	0 21	0 14	1 17	1 7	16 35	14 19	13 52	16 23	13 11	6 38
S 5	22 16	1n42	3 31	22 16	0 29	7 55	2 11	24 15	1 3	12 21	1 20	22 39	0 38	16 36	0 21	0 14	1 17	1 7	16 35	14 19	13 51	16 21	13 11	6 37
M 6	22 24	5 54	2 34	22 37	0 35	8 13	2 15	24 12	1 4	12 19	1 20	22 39	0 38	16 35	0 21	0 14	1 17	1 7	16 35	14 19	13 50	16 20	13 10	6 37
T 7	22 31	9 58	1 28	22 56	0 42	8 30	2 19	24 9	1 4	12 18	1 19	22 38	0 38	16 35	0 21	0 13	1 17	1 7	16 34	14 20	13 49	16 19	13 10	6 36
W 8	22 38	13 39	0 15	23 14	0 48	8 48	2 22	24 6	1 4	12 17	1 19	22 38	0 38	16 34	0 21	0 13	1 17	1 7	16 34	14 20	13 48	16 17	13 9	6 36
T 9	22 44	16 41	1s 1	23 31	0 54	9 6	2 25	24 2	1 4	12 16	1 19	22 38	0 38	16 34	0 21	0 13	1 17	1 7	16 34	14 20	13 47	16 16	13 9	6 36
F 10	22 50	18 46	2 15	23 46	1 0	9 24	2 28	23 59	1 4	12 14	1 18	22 38	0 38	16 33	0 21	0 12	1 17	1 7	16 34	14 19	13 46	16 15	13 8	6 35
S 11	22 56	19 37	3 22	24 1	1 6	9 42	2 31	23 55	1 5	12 13	1 18	22 37	0 38	16 33	0 21	0 12	1 18	1 7	16 34	14 18	13 45	16 13	13 8	6 35
S 12	23 1	19 6	4 16	24 14	1 11	10 1	2 34	23 50	1 5	12 12	1 18	22 37	0 38	16 32	0 21	0 12	1 18	1 7	16 33	14 16	13 44	16 12	13 7	6 35
M13	23 5	17 13	4 52	24 26	1 17	10 19	2 36	23 46	1 5	12 11	1 18	22 37	0 38	16 31	0 21	0 12	1 18	1 7	16 33	14 14	13 43	16 11	13 6	6 34
T 14	23 9	14 12	5 8	24 37	1 22	10 37	2 38	23 41	1 5	12 10	1 17	22 37	0 38	16 31	0 21	0 11	1 18	1 7	16 33	14 12	13 41	16 9	13 6	6 34
W15	23 13	10 19	5 3	24 46	1 27	10 56	2 40	23 36	1 5	12 10	1 17	22 36	0 38	16 30	0 21	0 11	1 18	1 7	16 33	14 10	13 40	16 8	13 5	6 34
T 16	23 16	5 55	4 39	24 54	1 32	11 14	2 42	23 30	1 5	12 9	1 17	22 36	0 37	16 30	0 21	0 11	1 18	1 7	16 32	14 9	13 39	16 7	13 5	6 34
F 17	23 19	1 19	3 59	25 1	1 36	11 33	2 44	23 25	1 6	12 8	1 16	22 36	0 37	16 29	0 21	0 11	1 18	1 7	16 32	14 8	13 38	16 5	13 4	6 33
S 18	23 21	3s14	3 6	25 6	1 41	11 52	2 46	23 19	1 6	12 7	1 16	22 35	0 37	16 29	0 21	0 10	1 18	1 7	16 32	14 8	13 37	16 4	13 3	6 33
S 19	23 23	7 31	2 4	25 10	1 45	12 10	2 47	23 13	1 6	12 7	1 16	22 35	0 37	16 28	0 21	0 10	1 18	1 7	16 31	14 9	13 36	16 3	13 2	6 33
M20	23 24	11 21	0 58	25 12	1 49	12 29	2 48	23 6	1 6	12 6	1 16	22 35	0 37	16 28	0 21	0 10	1 18	1 7	16 31	14 9	13 35	16 1	13 2	6 32
T 21	23 25	14 35	0n10	25 14	1 52	12 47	2 50	23 0	1 6	12 6	1 15	22 34	0 37	16 28	0 21	0 10	1 18	1 7	16 31	14 9	13 34	16 0	13 1	6 32
W22	23 25	17 5	1 16	25 13	1 56	13 6	2 51	22 53	1 6	12 6	1 15	22 34	0 37	16 27	0 21	0 10	1 18	1 7	16 31	14 9	13 33	15 58	13 0	6 32
T 23	23 25	18 46	2 18	25 11	1 59	13 24	2 51	22 45	1 6	12 5	1 15	22 34	0 37	16 27	0 21	0 10	1 18	1 7	16 30	14 8	13 32	15 57	13 0	6 32
F 24	23 25	19 34	3 12	25 8	2 2	13 42	2 52	22 38	1 6	12 5	1 14	22 33	0 37	16 26	0 21	0 10	1 18	1 7	16 30	14 6	13 31	15 56	12 59	6 31
S 25	23 24	19 28	3 57	25 3	2 4	14 0	2 53	22 30	1 6	12 5	1 14	22 33	0 37	16 26	0 21	0 9	1 18	1 7	16 30	14 3	13 30	15 54	12 58	6 31
S 26	23 22	18 29	4 32	24 57	2 6	14 18	2 53	22 22	1 7	12 5	1 14	22 33	0 37	16 25	0 21	0 9	1 18	1 6	16 29	13 59	13 29	15 53	12 57	6 31
M27	23 20	16 42	4 54	24 49	2 8	14 36	2 53	22 14	1 7	12 5	1 13	22 32	0 37	16 25	0 21	0 9	1 18	1 6	16 29	13 55	13 28	15 52	12 56	6 31
T 28	23 18	14 14	5 3	24 40	2 9	14 54	2 53	22 5	1 7	12 5	1 13	22 32	0 37	16 25	0 21	0 9	1 18	1 6	16 29	13 52	13 27	15 50	12 56	6 30
W29	23 15	11 11	5 0	24 29	2 10	15 11	2 53	21 57	1 7	12 5	1 13	22 32	0 36	16 24	0 21	0 9	1 18	1 6	16 29	13 48	13 26	15 49	12 55	6 30
T 30	23 11	7 41	4 43	24 17	2 11	15 28	2 53	21 48	1 7	12 5	1 13	22 31	0 36	16 24	0 21	0 9	1 19	1 6	16 28	13 45	13 25	15 48	12 54	6 30
F 31	23s 8	3s51	4n14	24s 3	2s11	15s45	2n53	21s38	1s 7	12n 6	1s12	22s31	0n36	16n24	0s21	0n 9	1n19	1s 6	16s28	13s43	13s24	15s46	12s53	6n30

Julian Day Number = 2490594.5, Delta T = 96.48 sec
Ecliptic obliquity = 23°25'24, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°14'03, Lahiri = 25°21'03

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ASTRODIENST EPHEMERIS for the year 2107
geocentric

JANUARY 2107 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 40 13	9♑53'46	22♓14	21♑51	24♏15	28♑46	5♉ 9	9♑ 9	16°R22	2♎39	9°R12	6°R32	5♏35	27♑ 1	4♒15	S 1
S 2	6 44 10	10°54'54	4♈34	23°27	25°23	29°33	5° 9	9°16	16♉21	2°39	9♉11	6♏30	5°32	27° 8	4°20	S 2
M 3	6 48 6	11°56'03	17°12	25° 3	26°30	0♒20	5°10	9°23	16°20	2°39	9°11	6°D30	5°29	27°14	4°25	M 3
T 4	6 52 3	12°57'12	0♉13	26°38	27°38	1° 7	5°10	9°30	16°19	2°R39	9°10	6°R31	5°26	27°21	4°29	T 4
W 5	6 55 59	13°58'20	13°41	28°13	28°46	1°54	5°11	9°37	16°18	2°39	9°10	6°31	5°23	27°28	4°34	W 5
T 6	6 59 56	14°59'28	27°38	29°48	29°54	2°41	5°13	9°44	16°17	2°39	9°10	6°29	5°20	27°35	4°39	T 6
F 7	7 3 53	16° 0'36	12♊ 5	1♒21	1♐ 2	3°28	5°14	9°51	16°16	2°39	9° 9	6°25	5°16	27°41	4°44	F 7
S 8	7 7 49	17° 1'44	26°58	2°54	2°10	4°15	5°16	9°58	16°15	2°38	9° 9	6°18	5°13	27°48	4°49	S 8
S 9	7 11 46	18° 2'52	12♋10	4°25	3°19	5° 2	5°18	10° 5	16°14	2°38	9° 8	6° 8	5°10	27°55	4°54	S 9
M10	7 15 42	19° 3'59	27°32	5°55	4°28	5°50	5°20	10°12	16°13	2°38	9° 8	5°57	5° 7	28° 1	4°59	M10
T 11	7 19 39	20° 5'06	12♌51	7°23	5°37	6°37	5°22	10°19	16°13	2°38	9° 8	5°46	5° 4	28° 8	5° 4	T 11
W12	7 23 35	21° 6'13	27°56	8°48	6°46	7°24	5°24	10°26	16°12	2°38	9° 8	5°37	5° 0	28°15	5° 9	W12
T 13	7 27 32	22° 7'20	12♍38	10°11	7°55	8°11	5°27	10°33	16°11	2°37	9° 7	5°29	4°57	28°22	5°14	T 13
F 14	7 31 28	23° 8'27	26°52	11°31	9° 4	8°58	5°30	10°40	16°11	2°37	9° 7	5°24	4°54	28°28	5°18	F 14
S 15	7 35 25	24° 9'34	10♎37	12°46	10°14	9°46	5°33	10°47	16°10	2°37	9° 7	5°22	4°51	28°35	5°23	S 15
S 16	7 39 22	25°10'41	23°54	13°58	11°23	10°33	5°36	10°54	16°10	2°36	9° 7	5°D21	4°48	28°42	5°28	S 16
M17	7 43 18	26°11'48	6♏47	15° 4	12°33	11°20	5°39	11° 1	16° 9	2°36	9° 7	5°R21	4°45	28°49	5°33	M17
T 18	7 47 15	27°12'55	19°20	16° 4	13°43	12° 7	5°43	11° 8	16° 9	2°35	9° 7	5°21	4°41	28°55	5°38	T 18
W19	7 51 11	28°14'01	1♐38	16°57	14°53	12°55	5°47	11°15	16° 9	2°35	9° 6	5°18	4°38	29° 2	5°44	W19
T 20	7 55 8	29°15'08	13°44	17°43	16° 3	13°42	5°51	11°22	16° 8	2°34	9° 6	5°13	4°35	29° 9	5°49	T 20
F 21	7 59 4	0♒16'14	25°43	18°20	17°14	14°29	5°55	11°29	16° 8	2°34	9° 6	5° 5	4°32	29°15	5°54	F 21
S 22	8 3 1	1°17'19	7♑38	18°47	18°24	15°17	5°59	11°36	16° 8	2°33	9° 6	4°54	4°29	29°22	5°59	S 22
S 23	8 6 57	2°18'24	19°30	19° 5	19°34	16° 4	6° 4	11°43	16° 8	2°33	9°D 6	4°40	4°26	29°29	6° 4	S 23
M24	8 10 54	3°19'29	1♒22	19°R11	20°45	16°52	6° 8	11°49	16° 8	2°32	9° 6	4°25	4°22	29°36	6° 9	M24
T 25	8 14 51	4°20'33	13°15	19° 6	21°56	17°39	6°13	11°56	16°D 8	2°31	9° 6	4° 9	4°19	29°42	6°14	T 25
W26	8 18 47	5°21'36	25°10	18°50	23° 6	18°26	6°18	12° 3	16° 8	2°31	9° 6	3°55	4°16	29°49	6°19	W26
T 27	8 22 44	6°22'38	7♓ 7	18°22	24°17	19°14	6°24	12°10	16° 8	2°30	9° 6	3°43	4°13	29°56	6°24	T 27
F 28	8 26 40	7°23'39	19°10	17°43	25°28	20° 1	6°29	12°16	16° 8	2°29	9° 7	3°33	4°10	0♒ 2	6°29	F 28
S 29	8 30 37	8°24'39	1♈21	16°54	26°39	20°49	6°35	12°23	16° 8	2°28	9° 7	3°27	4° 6	0° 9	6°34	S 29
S 30	8 34 33	9°25'38	13°43	15°56	27°50	21°36	6°41	12°29	16° 9	2°28	9° 7	3°23	4° 3	0°16	6°39	S 30
M31	8 38 30	10♒26'36	26♈19	14♒51	29♐ 2	22♒24	6♉47	12♑36	16♉ 9	2♎27	9♉ 7	3♏22	4♏ 0	0♒23	6♒44	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 3	0n11	3n33	23s48	2s10	16s 2	2n52	21s29	1s 7	12n 6	1s12	22s30	0n36	16n23	0s21	0n 9	1n19	1s 6	16s28	13s41	13s23	15s45	12s52	6n30
S 2	22 58	4 17	2 41	23 31	2 10	16 19	2 52	21 19	1 7	12 6	1 12	22 30	0 36	16 23	0 21	0 9	1 19	1 5	16 27	13 41	13 22	15 43	12 51	6 29
M 3	22 53	8 18	1 41	23 13	2 8	16 35	2 51	21 9	1 7	12 7	1 11	22 29	0 36	16 23	0 21	0 9	1 19	1 5	16 27	13 41	13 20	15 42	12 50	6 29
T 4	22 48	12 4	0 33	22 53	2 6	16 51	2 50	20 59	1 7	12 7	1 11	22 29	0 36	16 22	0 21	0 9	1 19	1 5	16 27	13 41	13 19	15 41	12 49	6 29
W 5	22 41	15 20	0s38	22 31	2 4	17 7	2 49	20 49	1 7	12 8	1 11	22 29	0 36	16 22	0 21	0 9	1 19	1 5	16 26	13 41	13 18	15 39	12 48	6 29
T 6	22 35	17 50	1 50	22 9	2 1	17 22	2 48	20 38	1 7	12 9	1 10	22 28	0 36	16 22	0 21	0 9	1 19	1 5	16 26	13 40	13 17	15 38	12 48	6 29
F 7	22 28	19 18	2 57	21 44	1 57	17 38	2 47	20 27	1 7	12 9	1 10	22 28	0 36	16 22	0 21	0 9	1 19	1 5	16 26	13 39	13 16	15 36	12 47	6 28
S 8	22 20	19 29	3 54	21 19	1 52	17 52	2 46	20 16	1 7	12 10	1 10	22 27	0 36	16 21	0 21	0 10	1 19	1 4	16 25	13 37	13 15	15 35	12 46	6 28
S 9	22 12	18 17	4 36	20 52	1 47	18 7	2 44	20 5	1 7	12 11	1 9	22 27	0 36	16 21	0 21	0 10	1 19	1 4	16 25	13 33	13 14	15 34	12 45	6 28
M10	22 4	15 46	4 58	20 25	1 41	18 21	2 43	19 53	1 7	12 12	1 9	22 26	0 36	16 21	0 21	0 10	1 19	1 4	16 25	13 30	13 13	15 32	12 44	6 28
T 11	21 55	12 10	4 59	19 56	1 34	18 35	2 41	19 41	1 7	12 13	1 9	22 26	0 36	16 21	0 21	0 10	1 19	1 4	16 24	13 26	13 12	15 31	12 43	6 28
W12	21 46	7 49	4 39	19 26	1 26	18 48	2 40	19 29	1 7	12 14	1 9	22 25	0 36	16 21	0 21	0 10	1 19	1 3	16 24	13 23	13 11	15 29	12 41	6 28
T 13	21 36	3 6	4 1	18 56	1 18	19 1	2 38	19 17	1 7	12 15	1 8	22 25	0 35	16 21	0 21	0 10	1 19	1 3	16 24	13 20	13 10	15 28	12 40	6 28
F 14	21 26	1s39	3 9	18 25	1 8	19 14	2 36	19 4	1 7	12 17	1 8	22 24	0 35	16 20	0 21	0 10	1 19	1 3	16 23	13 19	13 9	15 27	12 39	6 28
S 15	21 16	6 9	2 7	17 53	0 58	19 26	2 34	18 52	1 7	12 18	1 8	22 24	0 35	16 20	0 21	0 11	1 19	1 3	16 23	13 18	13 8	15 25	12 38	6 27
S 16	21 5	10 12	1 0	17 22	0 47	19 37	2 32	18 39	1 7	12 19	1 7	22 23	0 35	16 20	0 20	0 11	1 19	1 2	16 23	13 18	13 7	15 24	12 37	6 27
M17	20 54	13 39	0n 8	16 51	0 34	19 49	2 30	18 26	1 6	12 21	1 7	22 23	0 35	16 20	0 20	0 11	1 19	1 2	16 22	13 18	13 6	15 22	12 36	6 27
T 18	20 42	16 22	1 13	16 20	0 21	19 59	2 28	18 13	1 6	12 22	1 7	22 22	0 35	16 20	0 20	0 11	1 20	1 2	16 22	13 18	13 5	15 21	12 35	6 27
W19	20 30	18 17	2 14	15 51	0 6	20 10	2 25	17 59	1 6	12 24	1 6	22 22	0 35	16 20	0 20	0 11	1 20	1 1	16 22	13 17	13 3	15 19	12 34	6 27
T 20	20 18	19 20	3 8	15 22	0n 9	20 19	2 23	17 46	1 6	12 25	1 6	22 21	0 35	16 20	0 20	0 12	1 20	1 1	16 21	13 15	13 2	15 18	12 33	6 27
F 21	20 5	19 29	3 52	14 56	0 25	20 29	2 21	17 32	1 6	12 27	1 6	22 21	0 35	16 20	0 20	0 12	1 20	1 1	16 21	13 12	13 1	15 17	12 32	6 27
S 22	19 52	18 46	4 27	14 31	0 42	20 38	2 18	17 18	1 6	12 29	1 6	22 20	0 35	16 20	0 20	0 12	1 20	1 0	16 21	13 9	13 0	15 15	12 31	6 27
S 23	19 38	17 14	4 49	14 9	0 59	20 46	2 15	17 3	1 6	12 30	1 5	22 20	0 35	16 20	0 20	0 13	1 20	1 0	16 20	13 4	12 59	15 14	12 29	6 27
M24	19 24	14 59	4 59	13 50	1 17	20 54	2 13	16 49	1 6	12 32	1 5	22 19	0 35	16 20	0 20	0 13	1 20	1 0	16 20	12 59	12 58	15 12	12 28	6 27
T 25	19 10	12 6	4 55	13 34	1 35	21 1	2 10	16 34	1 6	12 34	1 5	22 19	0 35	16 20	0 20	0 13	1 20	0 59	16 19	12 54	12 57	15 11	12 27	6 27
W26	18 55	8 44	4 39	13 22	1 53	21 8	2 7	16 20	1 5	12 36	1 4	22 18	0 35	16 20	0 20	0 13	1 20	0 59	16 19	12 49	12 56	15 9	12 26	6 27
T 27	18 40	5 0	4 11	13 14	2 11	21 14	2 4	16 5	1 5	12 38	1 4	22 17	0 35	16 20	0 20	0 14	1 20	0 59	16 19	12 45	12 55	15 8	12 25	6 27
F 28	18 25	1 3	3 31	13 10	2 28	21 19	2 2	15 50	1 5	12 40	1 4	22 17	0 35	16 20	0 20	0 14	1 20	0 58	16 18	12 42	12 54	15 7	12 23	6 27
S 29	18 9	2n59	2 40	13 9	2 44	21 24	1 59	15 34	1 5	12 42	1 4	22 16	0 35	16 20	0 20	0 14	1 20	0 58	16 18	12 39	12 53	15 5	12 22	6 27
S 30	17 53	6 58	1 42	13 13	2 58	21 29	1 56	15 19	1 5	12 44	1 3	22 16	0 35	16 20	0 20	0 15	1 20	0 58	16 18	12 38	12 52	15 4	12 21	6 27
M31	17s37	10n44	0n37	13s20	3n11	21s33	1n53	15s 4	1s 5	12n47	1s 3	22s15	0n35	16n20	0s20	0n15	1n20	0s57	16s17	12s38	12s51	15s 2	12s20	6n27

Julian Day Number = 2490625.5, Delta T = 96.52 sec
Ecliptic obliquity = 23°25'23, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°14'07, Lahiri = 25°21'07

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ASTRODIENST EPHEMERIS for the year 2107
geocentric

FEBRUARY 2107 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 42 26	11♒27'33	9♉15	13°R40	0♑13	23♒11	6♉53	12♑43	16♉ 9	2°R26	9♉ 7	3°R22	3♏57	0♒29	6♒49	T 1
W 2	8 46 23	12°28'28	22°33	12♒27	1°24	23°59	6°59	12°49	16°10	2♎25	9° 7	3♏22	3°54	0°36	6°54	W 2
T 3	8 50 20	13°29'23	6♊18	11°12	2°36	24°46	7° 6	12°56	16°10	2°24	9° 8	3°20	3°51	0°43	6°59	T 3
F 4	8 54 16	14°30'16	20°31	9°58	3°47	25°33	7°12	13° 2	16°11	2°23	9° 8	3°16	3°47	0°50	7° 4	F 4
S 5	8 58 13	15°31'08	5♋11	8°48	4°59	26°21	7°19	13° 8	16°11	2°22	9° 8	3°10	3°44	0°56	7° 9	S 5
S 6	9 2 9	16°31'58	20°13	7°42	6°10	27° 8	7°26	13°15	16°12	2°21	9° 8	3° 0	3°41	1° 3	7°14	S 6
M 7	9 6 6	17°32'47	5♌30	6°43	7°22	27°56	7°33	13°21	16°13	2°20	9° 9	2°50	3°38	1°10	7°19	M 7
T 8	9 10 2	18°33'35	20°49	5°50	8°34	28°43	7°40	13°27	16°13	2°19	9° 9	2°38	3°35	1°16	7°24	T 8
W 9	9 13 59	19°34'22	6♍ 0	5° 6	9°46	29°31	7°48	13°33	16°14	2°18	9° 9	2°28	3°32	1°23	7°29	W 9
T 10	9 17 55	20°35'07	20°52	4°29	10°57	0♓18	7°55	13°40	16°15	2°17	9°10	2°20	3°28	1°30	7°34	T 10
F 11	9 21 52	21°35'51	5♎18	4° 1	12° 9	1° 6	8° 3	13°46	16°16	2°16	9°10	2°15	3°25	1°37	7°39	F 11
S 12	9 25 49	22°36'35	19°15	3°41	13°21	1°53	8°11	13°52	16°17	2°14	9°11	2°12	3°22	1°43	7°44	S 12
S 13	9 29 45	23°37'17	2♏41	3°29	14°33	2°41	8°19	13°58	16°18	2°13	9°11	2°D12	3°19	1°50	7°49	S 13
M14	9 33 42	24°37'59	15°40	3°D25	15°46	3°28	8°27	14° 4	16°19	2°12	9°11	2°12	3°16	1°57	7°54	M14
T 15	9 37 38	25°38'39	28°17	3°28	16°58	4°15	8°36	14°10	16°20	2°11	9°12	2°R12	3°12	2° 4	7°59	T 15
W16	9 41 35	26°39'18	10♐35	3°38	18°10	5° 3	8°44	14°16	16°21	2° 9	9°12	2°11	3° 9	2°10	8° 3	W16
T 17	9 45 31	27°39'56	22°39	3°54	19°22	5°50	8°53	14°21	16°22	2° 8	9°13	2° 8	3° 6	2°17	8° 8	T 17
F 18	9 49 28	28°40'33	4♑35	4°17	20°35	6°38	9° 1	14°27	16°24	2° 7	9°14	2° 2	3° 3	2°24	8°13	F 18
S 19	9 53 24	29°41'09	16°27	4°44	21°47	7°25	9°10	14°33	16°25	2° 6	9°14	1°54	3° 0	2°30	8°18	S 19
S 20	9 57 21	0♓41'43	28°18	5°17	22°59	8°13	9°19	14°39	16°26	2° 4	9°15	1°43	2°57	2°37	8°23	S 20
M21	10 1 18	1°42'16	10♒10	5°54	24°12	9° 0	9°28	14°44	16°28	2° 3	9°15	1°32	2°53	2°44	8°27	M21
T 22	10 5 14	2°42'48	22° 6	6°36	25°24	9°47	9°38	14°50	16°29	2° 1	9°16	1°19	2°50	2°51	8°32	T 22
W23	10 9 11	3°43'17	4♓ 6	7°22	26°37	10°35	9°47	14°55	16°31	2° 0	9°17	1° 8	2°47	2°57	8°37	W23
T 24	10 13 7	4°43'46	16°13	8°11	27°49	11°22	9°57	15° 1	16°32	1°59	9°17	0°58	2°44	3° 4	8°41	T 24
F 25	10 17 4	5°44'12	28°27	9° 3	29° 2	12° 9	10° 6	15° 6	16°34	1°57	9°18	0°51	2°41	3°11	8°46	F 25
S 26	10 21 0	6°44'37	10♈49	9°59	0♒15	12°57	10°16	15°11	16°35	1°56	9°19	0°46	2°37	3°17	8°51	S 26
S 27	10 24 57	7°45'00	23°22	10°58	1°27	13°44	10°26	15°16	16°37	1°54	9°19	0°44	2°34	3°24	8°55	S 27
M28	10 28 53	8♓45'22	6♉ 8	11♒59	2♒40	14♓31	10♉36	15♑22	16♉39	1♎53	9♉20	0°D44	2♏31	3♒31	9♒ 0	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s20	14n 5	0s31	13s30	3n21	21s36	1n49	14s48	1s 5	12n49	1s 3	22s15	0n35	16n20	0s20	0n16	1n20	0s57	16s17	12s38	12s50	15s 1	12s19	6n27
W 2	17 3	16 47	1 40	13 43	3 29	21 39	1 46	14 32	1 4	12 51	1 2	22 14	0 34	16 21	0 20	0 16	1 20	0 56	16 17	12 38	12 48	14 59	12 17	6 27
T 3	16 46	18 38	2 45	13 58	3 34	21 41	1 43	14 16	1 4	12 53	1 2	22 13	0 34	16 21	0 20	0 16	1 20	0 56	16 16	12 37	12 47	14 58	12 16	6 27
F 4	16 28	19 24	3 42	14 14	3 38	21 42	1 40	14 0	1 4	12 56	1 2	22 13	0 34	16 21	0 20	0 17	1 20	0 56	16 16	12 36	12 46	14 56	12 15	6 27
S 5	16 10	18 53	4 26	14 32	3 38	21 43	1 37	13 43	1 4	12 58	1 2	22 12	0 34	16 21	0 20	0 17	1 20	0 55	16 16	12 33	12 45	14 55	12 14	6 27
S 6	15 52	17 4	4 54	14 51	3 36	21 44	1 33	13 27	1 4	13 1	1 1	22 12	0 34	16 21	0 20	0 18	1 20	0 55	16 15	12 30	12 44	14 53	12 12	6 27
M 7	15 34	14 1	5 1	15 9	3 33	21 43	1 30	13 10	1 3	13 3	1 1	22 11	0 34	16 22	0 20	0 18	1 20	0 54	16 15	12 27	12 43	14 52	12 11	6 27
T 8	15 15	10 1	4 46	15 27	3 27	21 42	1 27	12 54	1 3	13 6	1 1	22 11	0 34	16 22	0 20	0 19	1 20	0 54	16 14	12 23	12 42	14 51	12 10	6 27
W 9	14 56	5 24	4 12	15 45	3 20	21 41	1 23	12 37	1 3	13 9	1 1	22 10	0 34	16 22	0 20	0 19	1 21	0 53	16 14	12 19	12 41	14 49	12 8	6 27
T 10	14 37	0 33	3 20	16 2	3 11	21 39	1 20	12 20	1 3	13 11	1 0	22 9	0 34	16 22	0 20	0 20	1 21	0 53	16 14	12 17	12 40	14 48	12 7	6 27
F 11	14 18	4s13	2 18	16 18	3 1	21 36	1 17	12 3	1 2	13 14	1 0	22 9	0 34	16 23	0 20	0 20	1 21	0 53	16 13	12 15	12 39	14 46	12 6	6 27
S 12	13 58	8 35	1 8	16 33	2 51	21 32	1 13	11 46	1 2	13 17	1 0	22 8	0 34	16 23	0 20	0 21	1 21	0 52	16 13	12 14	12 38	14 45	12 4	6 28
S 13	13 38	12 21	0n 3	16 46	2 40	21 28	1 10	11 29	1 2	13 20	1 0	22 8	0 34	16 23	0 20	0 21	1 21	0 52	16 13	12 14	12 37	14 43	12 3	6 28
M14	13 18	15 23	1 11	16 59	2 28	21 24	1 6	11 11	1 2	13 23	0 59	22 7	0 34	16 23	0 20	0 22	1 21	0 51	16 12	12 14	12 36	14 42	12 2	6 28
T 15	12 58	17 35	2 14	17 10	2 16	21 19	1 3	10 54	1 1	13 25	0 59	22 6	0 34	16 24	0 20	0 22	1 21	0 51	16 12	12 14	12 34	14 40	12 1	6 28
W16	12 37	18 54	3 9	17 19	2 4	21 13	0 59	10 36	1 1	13 28	0 59	22 6	0 34	16 24	0 20	0 23	1 21	0 50	16 12	12 13	12 33	14 39	11 59	6 28
T 17	12 17	19 19	3 55	17 28	1 51	21 6	0 56	10 18	1 1	13 31	0 59	22 5	0 34	16 25	0 20	0 23	1 21	0 50	16 11	12 12	12 32	14 37	11 58	6 28
F 18	11 56	18 51	4 30	17 35	1 39	20 59	0 52	10 1	1 0	13 34	0 58	22 5	0 34	16 25	0 20	0 24	1 21	0 49	16 11	12 10	12 31	14 36	11 57	6 28
S 19	11 34	17 34	4 52	17 40	1 27	20 52	0 49	9 43	1 0	13 37	0 58	22 4	0 34	16 25	0 20	0 24	1 21	0 49	16 11	12 8	12 30	14 34	11 55	6 28
S 20	11 13	15 33	5 3	17 44	1 15	20 43	0 45	9 25	1 0	13 40	0 58	22 4	0 34	16 26	0 20	0 25	1 21	0 48	16 10	12 4	12 29	14 33	11 54	6 29
M21	10 52	12 52	5 0	17 46	1 3	20 34	0 42	9 7	1 0	13 44	0 58	22 3	0 34	16 26	0 20	0 25	1 21	0 48	16 10	12 0	12 28	14 31	11 53	6 29
T 22	10 30	9 39	4 44	17 47	0 51	20 25	0 38	8 48	0 59	13 47	0 57	22 2	0 34	16 27	0 20	0 26	1 21	0 47	16 10	11 56	12 27	14 30	11 51	6 29
W23	10 8	6 2	4 15	17 47	0 39	20 15	0 35	8 30	0 59	13 50	0 57	22 2	0 34	16 27	0 20	0 27	1 21	0 47	16 9	11 52	12 26	14 28	11 50	6 29
T 24	9 46	2 8	3 35	17 45	0 28	20 4	0 31	8 12	0 59	13 53	0 57	22 1	0 34	16 27	0 20	0 27	1 21	0 46	16 9	11 48	12 25	14 27	11 48	6 29
F 25	9 24	1n54	2 44	17 42	0 17	19 53	0 28	7 54	0 58	13 56	0 57	22 1	0 34	16 28	0 19	0 28	1 21	0 46	16 9	11 46	12 24	14 25	11 47	6 29
S 26	9 2	5 53	1 45	17 37	0 7	19 41	0 25	7 35	0 58	14 0	0 57	22 0	0 34	16 28	0 19	0 28	1 21	0 45	16 8	11 44	12 23	14 24	11 46	6 30
S 27	8 39	9 41	0 39	17 31	0s 3	19 29	0 21	7 17	0 58	14 3	0 56	22 0	0 34	16 29	0 19	0 29	1 21	0 45	16 8	11 43	12 21	14 22	11 44	6 30
M28	8s17	13n 6	0s29	17s24	0s13	19s16	0n18	6s58	0s57	14n 6	0s56	21s59	0n34	16n29	0s19	0n30	1n21	0s44	16s 8	11s43	12s20	14s21	11s43	6n30

Julian Day Number = 2490656.5, Delta T = 96.56 sec
Ecliptic obliquity = 23°25'24, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°14'11, Lahiri = 25°21'12

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ASTRODIENST EPHEMERIS for the year 2107
geocentric

MARCH 2107 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 32 50	9♓45'41	19♉ 8	13♒ 3	3♒53	15♓19	10♉46	15♊27	16♉40	1°R51	9♉21	0♏45	2♏28	3♒38	9♒ 4	T 1
W 2	10 36 47	10°45'58	2♊26	14° 9	5° 5	16° 6	10°56	15°32	16°42	1♎50	9°22	0°46	2°25	3°44	9° 9	W 2
T 3	10 40 43	11°46'14	16° 5	15°17	6°18	16°53	11° 7	15°37	16°44	1°48	9°22	0°R46	2°22	3°51	9°13	T 3
F 4	10 44 40	12°46'27	0♋ 6	16°28	7°31	17°40	11°17	15°42	16°46	1°47	9°23	0°45	2°18	3°58	9°18	F 4
S 5	10 48 36	13°46'39	14°28	17°40	8°44	18°28	11°28	15°46	16°48	1°45	9°24	0°41	2°15	4° 5	9°22	S 5
S 6	10 52 33	14°46'48	29° 9	18°54	9°57	19°15	11°38	15°51	16°50	1°44	9°25	0°36	2°12	4°11	9°26	S 6
M 7	10 56 29	15°46'55	14♌ 4	20°10	11°10	20° 2	11°49	15°56	16°52	1°42	9°26	0°30	2° 9	4°18	9°31	M 7
T 8	11 0 26	16°47'00	29° 4	21°27	12°22	20°49	12° 0	16° 0	16°54	1°40	9°27	0°23	2° 6	4°25	9°35	T 8
W 9	11 4 22	17°47'03	14♍ 1	22°46	13°35	21°36	12°11	16° 5	16°56	1°39	9°28	0°16	2° 3	4°31	9°39	W 9
T 10	11 8 19	18°47'04	28°45	24° 7	14°48	22°23	12°22	16° 9	16°58	1°37	9°28	0°11	1°59	4°38	9°43	T 10
F 11	11 12 15	19°47'04	13♎10	25°29	16° 1	23°10	12°33	16°14	17° 0	1°36	9°29	0° 8	1°56	4°45	9°47	F 11
S 12	11 16 12	20°47'01	27° 9	26°53	17°14	23°57	12°45	16°18	17° 3	1°34	9°30	0°D 7	1°53	4°52	9°52	S 12
S 13	11 20 9	21°46'57	10♏42	28°18	18°27	24°44	12°56	16°22	17° 5	1°32	9°31	0° 7	1°50	4°58	9°56	S 13
M14	11 24 5	22°46'52	23°48	29°44	19°40	25°31	13° 7	16°27	17° 7	1°31	9°32	0° 9	1°47	5° 5	10° 0	M14
T 15	11 28 2	23°46'44	6♐31	1♓12	20°53	26°18	13°19	16°31	17°10	1°29	9°33	0°10	1°43	5°12	10° 4	T 15
W16	11 31 58	24°46'35	18°54	2°41	22° 6	27° 5	13°31	16°35	17°12	1°27	9°34	0°11	1°40	5°18	10° 8	W16
T 17	11 35 55	25°46'25	1♑ 2	4°11	23°19	27°52	13°42	16°39	17°14	1°26	9°35	0°R11	1°37	5°25	10°11	T 17
F 18	11 39 51	26°46'12	13° 0	5°43	24°33	28°39	13°54	16°42	17°17	1°24	9°36	0°10	1°34	5°32	10°15	F 18
S 19	11 43 48	27°45'58	24°53	7°16	25°46	29°26	14° 6	16°46	17°19	1°22	9°37	0° 7	1°31	5°39	10°19	S 19
S 20	11 47 44	28°45'43	6♒44	8°50	26°59	0♈13	14°18	16°50	17°22	1°21	9°38	0° 3	1°28	5°45	10°23	S 20
M21	11 51 41	29°45'25	18°38	10°25	28°12	1° 0	14°30	16°53	17°24	1°19	9°40	29♎58	1°24	5°52	10°27	M21
T 22	11 55 38	0♈45'06	0♓37	12° 2	29°25	1°46	14°42	16°57	17°27	1°17	9°41	29°52	1°21	5°59	10°30	T 22
W23	11 59 34	1°44'44	12°45	13°40	0♓38	2°33	14°54	17° 0	17°30	1°16	9°42	29°47	1°18	6° 6	10°34	W23
T 24	12 3 31	2°44'21	25° 2	15°19	1°52	3°20	15° 7	17° 4	17°32	1°14	9°43	29°43	1°15	6°12	10°38	T 24
F 25	12 7 27	3°43'56	7♈31	16°59	3° 5	4° 6	15°19	17° 7	17°35	1°12	9°44	29°40	1°12	6°19	10°41	F 25
S 26	12 11 24	4°43'28	20°11	18°41	4°18	4°53	15°31	17°10	17°38	1°11	9°45	29°38	1° 8	6°26	10°45	S 26
S 27	12 15 20	5°42'59	3♉ 3	20°24	5°31	5°40	15°44	17°13	17°41	1° 9	9°46	29°D38	1° 5	6°32	10°48	S 27
M28	12 19 17	6°42'28	16° 7	22° 8	6°45	6°26	15°56	17°16	17°43	1° 7	9°47	29°39	1° 2	6°39	10°51	M28
T 29	12 23 13	7°41'54	29°25	23°54	7°58	7°13	16° 9	17°19	17°46	1° 6	9°49	29°40	0°59	6°46	10°55	T 29
W30	12 27 10	8°41'18	12♊56	25°41	9°11	7°59	16°22	17°22	17°49	1° 4	9°50	29°42	0°56	6°53	10°58	W30
T 31	12 31 7	9♈40'40	26♊41	27♓29	10♓24	8♈46	16♉34	17♊25	17♉52	1♎ 3	9♉51	29♎43	0♏53	6♒59	11♒ 1	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s54	15n56	1s37	17s15	0s23	19s 2	0n14	6s39	0s57	14n10	0s56	21s59	0n34	16n30	0s19	0n30	1n21	0s44	16s 8	11s44	12s19	14s19	11s42	6n30
W 2	7 31	17 59	2 42	17 5	0 32	18 48	0 11	6 21	0 56	14 13	0 56	21 58	0 33	16 30	0 19	0 31	1 21	0 43	16 7	11 44	12 18	14 18	11 40	6 30
T 3	7 9	19 3	3 40	16 54	0 41	18 34	0 8	6 2	0 56	14 16	0 55	21 57	0 33	16 31	0 19	0 32	1 21	0 43	16 7	11 44	12 17	14 16	11 39	6 31
F 4	6 46	19 0	4 25	16 41	0 50	18 19	0 4	5 43	0 56	14 20	0 55	21 57	0 33	16 32	0 19	0 32	1 21	0 42	16 7	11 44	12 16	14 15	11 38	6 31
S 5	6 23	17 44	4 56	16 27	0 58	18 3	0 1	5 25	0 55	14 23	0 55	21 56	0 33	16 32	0 19	0 33	1 21	0 42	16 6	11 42	12 15	14 13	11 36	6 31
S 6	5 59	15 17	5 8	16 11	1 5	17 47	0s 2	5 6	0 55	14 27	0 55	21 56	0 33	16 33	0 19	0 33	1 21	0 41	16 6	11 41	12 14	14 12	11 35	6 31
M 7	5 36	11 49	5 0	15 54	1 13	17 30	0 5	4 47	0 55	14 30	0 55	21 55	0 33	16 33	0 19	0 34	1 21	0 41	16 6	11 38	12 13	14 10	11 34	6 32
T 8	5 13	7 33	4 31	15 36	1 20	17 13	0 9	4 28	0 54	14 34	0 54	21 55	0 33	16 34	0 19	0 35	1 21	0 40	16 6	11 36	12 12	14 9	11 32	6 32
W 9	4 50	2 51	3 43	15 17	1 26	16 55	0 12	4 9	0 54	14 37	0 54	21 54	0 33	16 35	0 19	0 35	1 21	0 40	16 5	11 34	12 11	14 7	11 31	6 32
T 10	4 26	1s59	2 42	14 56	1 33	16 37	0 15	3 50	0 53	14 41	0 54	21 54	0 33	16 35	0 19	0 36	1 21	0 39	16 5	11 32	12 9	14 6	11 30	6 32
F 11	4 3	6 35	1 31	14 34	1 39	16 18	0 18	3 31	0 53	14 44	0 54	21 53	0 33	16 36	0 19	0 37	1 21	0 39	16 5	11 31	12 8	14 4	11 28	6 33
S 12	3 39	10 42	0 16	14 10	1 44	15 59	0 21	3 12	0 52	14 48	0 54	21 53	0 33	16 37	0 19	0 37	1 21	0 38	16 4	11 30	12 7	14 3	11 27	6 33
S 13	3 15	14 7	0n57	13 46	1 49	15 40	0 24	2 53	0 52	14 52	0 53	21 52	0 33	16 37	0 19	0 38	1 21	0 37	16 4	11 30	12 6	14 1	11 26	6 33
M14	2 52	16 41	2 5	13 20	1 54	15 20	0 27	2 34	0 52	14 55	0 53	21 52	0 33	16 38	0 19	0 39	1 21	0 37	16 4	11 31	12 5	14 0	11 24	6 33
T 15	2 28	18 20	3 5	12 53	1 58	14 59	0 30	2 15	0 51	14 59	0 53	21 51	0 33	16 39	0 19	0 39	1 21	0 36	16 4	11 31	12 4	13 58	11 23	6 34
W16	2 4	19 4	3 55	12 25	2 2	14 39	0 32	1 56	0 51	15 3	0 53	21 51	0 33	16 39	0 19	0 40	1 21	0 36	16 3	11 32	12 3	13 57	11 22	6 34
T 17	1 41	18 53	4 33	11 55	2 5	14 17	0 35	1 37	0 50	15 6	0 53	21 50	0 33	16 40	0 19	0 41	1 21	0 35	16 3	11 32	12 2	13 55	11 20	6 34
F 18	1 17	17 51	4 58	11 24	2 9	13 56	0 38	1 18	0 50	15 10	0 53	21 50	0 33	16 41	0 19	0 41	1 22	0 35	16 3	11 31	12 1	13 54	11 19	6 35
S 19	0 53	16 3	5 11	10 52	2 11	13 34	0 41	0 59	0 49	15 14	0 52	21 50	0 33	16 41	0 19	0 42	1 22	0 34	16 3	11 30	12 0	13 52	11 18	6 35
S 20	0 30	13 35	5 10	10 19	2 13	13 11	0 43	0 40	0 49	15 17	0 52	21 49	0 33	16 42	0 19	0 43	1 22	0 34	16 2	11 29	11 58	13 50	11 17	6 35
M21	0 6	10 32	4 56	9 44	2 15	12 49	0 46	0 21	0 48	15 21	0 52	21 49	0 33	16 43	0 19	0 43	1 22	0 33	16 2	11 27	11 57	13 49	11 15	6 36
T 22	0n18	7 3	4 28	9 9	2 16	12 25	0 48	0 2	0 48	15 25	0 52	21 48	0 33	16 44	0 19	0 44	1 22	0 33	16 2	11 25	11 56	13 47	11 14	6 36
W23	0 42	3 14	3 49	8 32	2 17	12 2	0 51	0n17	0 48	15 28	0 52	21 48	0 33	16 44	0 19	0 45	1 22	0 32	16 2	11 23	11 55	13 46	11 13	6 36
T 24	1 5	0n46	2 58	7 54	2 18	11 38	0 53	0 36	0 47	15 32	0 51	21 47	0 33	16 45	0 19	0 45	1 22	0 32	16 2	11 22	11 54	13 44	11 11	6 37
F 25	1 29	4 48	1 59	7 15	2 18	11 14	0 56	0 55	0 47	15 36	0 51	21 47	0 33	16 46	0 19	0 46	1 22	0 31	16 1	11 21	11 53	13 43	11 10	6 37
S 26	1 53	8 41	0 52	6 35	2 17	10 50	0 58	1 14	0 46	15 40	0 51	21 47	0 33	16 47	0 19	0 47	1 22	0 31	16 1	11 20	11 52	13 41	11 9	6 37
S 27	2 16	12 14	0s19	5 53	2 16	10 25	1 0	1 33	0 46	15 43	0 51	21 46	0 33	16 47	0 19	0 47	1 22	0 30	16 1	11 20	11 51	13 40	11 8	6 38
M28	2 40	15 13	1 30	5 11	2 15	10 0	1 2	1 52	0 45	15 47	0 51	21 46	0 33	16 48	0 19	0 48	1 22	0 29	16 1	11 20	11 50	13 38	11 6	6 38
T 29	3 3	17 28	2 37	4 28	2 13	9 34	1 4	2 11	0 45	15 51	0 51	21 46	0 33	16 49	0 19	0 49	1 22	0 29	16 1	11 21	11 48	13 37	11 5	6 38
W30	3 27	18 45	3 36	3 43	2 11	9 9	1 7	2 29	0 44	15 55	0 51	21 45	0 33	16 50	0 19	0 49	1 22	0 28	16 0	11 21	11 47	13 35	11 4	6 39
T 31	3n50	18n58	4s25	2s57	2s 8	8s43	1s 9	2n48	0s44	15n59	0s50	21s45	0n33	16n51	0s19	0n50	1n22	0s28	16s 0	11s22	11s46	13s33	11s 3	6n39

Julian Day Number = 2490684.5, Delta T = 96.60 sec
Ecliptic obliquity = 23°25'24, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°14'15, Lahiri = 25°21'16

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ASTRODIENST EPHEMERIS for the year 2107
geocentric

APRIL 2107 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 35 3	10♈40'00	10♋40	29♓19	11♓38	9♈32	16♉47	17♊27	17♉55	1°R 1	9♉52	29°R43	0♏49	7♒ 6	11♒ 4	F 1
S 2	12 39 0	11°39'17	24°51	1♈10	12°51	10°18	17° 0	17°30	17°58	0♎59	9°53	29♎43	0°46	7°13	11° 7	S 2
S 3	12 42 56	12°38'32	9♌13	3° 2	14° 4	11° 5	17°13	17°32	18° 1	0°58	9°55	29°42	0°43	7°19	11°10	S 3
M 4	12 46 53	13°37'44	23°43	4°56	15°17	11°51	17°26	17°35	18° 4	0°56	9°56	29°40	0°40	7°26	11°13	M 4
T 5	12 50 49	14°36'54	8♍16	6°51	16°31	12°37	17°39	17°37	18° 7	0°54	9°57	29°38	0°37	7°33	11°16	T 5
W 6	12 54 46	15°36'02	22°45	8°47	17°44	13°24	17°52	17°39	18°10	0°53	9°58	29°36	0°34	7°40	11°19	W 6
T 7	12 58 42	16°35'08	7♎ 6	10°45	18°57	14°10	18° 5	17°41	18°13	0°51	10° 0	29°35	0°30	7°46	11°22	T 7
F 8	13 2 39	17°34'11	21°13	12°44	20°11	14°56	18°19	17°43	18°16	0°50	10° 1	29°34	0°27	7°53	11°25	F 8
S 9	13 6 35	18°33'13	5♏ 2	14°44	21°24	15°42	18°32	17°45	18°19	0°48	10° 2	29°D34	0°24	8° 0	11°27	S 9
S 10	13 10 32	19°32'13	18°30	16°46	22°37	16°28	18°45	17°47	18°22	0°47	10° 3	29°34	0°21	8° 7	11°30	S 10
M11	13 14 29	20°31'10	1♐36	18°48	23°51	17°14	18°58	17°48	18°25	0°45	10° 5	29°35	0°18	8°13	11°33	M11
T 12	13 18 25	21°30'07	14°21	20°52	25° 4	18° 0	19°12	17°50	18°28	0°43	10° 6	29°36	0°14	8°20	11°35	T 12
W13	13 22 22	22°29'01	26°48	22°56	26°17	18°46	19°25	17°51	18°32	0°42	10° 7	29°37	0°11	8°27	11°38	W13
T 14	13 26 18	23°27'53	8♑59	25° 2	27°31	19°32	19°39	17°53	18°35	0°40	10° 9	29°37	0° 8	8°33	11°40	T 14
F 15	13 30 15	24°26'44	21° 0	27° 8	28°44	20°18	19°52	17°54	18°38	0°39	10°10	29°R37	0° 5	8°40	11°42	F 15
S 16	13 34 11	25°25'33	2♒55	29°14	29°57	21° 3	20° 6	17°55	18°41	0°37	10°11	29°37	0° 2	8°47	11°45	S 16
S 17	13 38 8	26°24'21	14°47	1♉20	1♈11	21°49	20°19	17°56	18°45	0°36	10°13	29°37	29♎59	8°54	11°47	S 17
M18	13 42 4	27°23'06	26°43	3°27	2°24	22°35	20°33	17°57	18°48	0°35	10°14	29°37	29°55	9° 0	11°49	M18
T 19	13 46 1	28°21'50	8♓45	5°32	3°37	23°21	20°47	17°58	18°51	0°33	10°15	29°37	29°52	9° 7	11°51	T 19
W20	13 49 58	29°20'32	20°58	7°38	4°51	24° 6	21° 0	17°59	18°54	0°32	10°17	29°D37	29°49	9°14	11°53	W20
T 21	13 53 54	0♉19'12	3♈24	9°42	6° 4	24°52	21°14	18° 0	18°58	0°30	10°18	29°37	29°46	9°20	11°55	T 21
F 22	13 57 51	1°17'51	16° 6	11°45	7°18	25°37	21°28	18° 1	19° 1	0°29	10°19	29°37	29°43	9°27	11°57	F 22
S 23	14 1 47	2°16'28	29° 4	13°46	8°31	26°23	21°42	18° 1	19° 4	0°27	10°21	29°R37	29°40	9°34	11°58	S 23
S 24	14 5 44	3°15'02	12♉18	15°45	9°44	27° 8	21°56	18° 1	19° 8	0°26	10°22	29°37	29°36	9°41	12° 0	S 24
M25	14 9 40	4°13'35	25°48	17°42	10°58	27°54	22°10	18° 2	19°11	0°25	10°23	29°36	29°33	9°47	12° 2	M25
T 26	14 13 37	5°12'06	9♊31	19°37	12°11	28°39	22°23	18° 2	19°15	0°24	10°25	29°36	29°30	9°54	12° 3	T 26
W27	14 17 33	6°10'35	23°26	21°28	13°24	29°24	22°37	18° 2	19°18	0°22	10°26	29°35	29°27	10° 1	12° 5	W27
T 28	14 21 30	7° 9'02	7♋29	23°17	14°38	0♉10	22°51	18°R 2	19°21	0°21	10°28	29°34	29°24	10° 8	12° 6	T 28
F 29	14 25 27	8° 7'27	21°39	25° 2	15°51	0°55	23° 5	18° 2	19°25	0°20	10°29	29°34	29°20	10°14	12° 8	F 29
S 30	14 29 23	9♉ 5'49	5♌52	26♉43	17♈ 5	1♉40	23♉19	18♊ 2	19♉28	0♎19	10♉30	29°D34	29♎17	10♒21	12♒ 9	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n13	18n 2	4s58	2s11	2s 4	8s17	1s10	3n 7	0s43	16n 2	0s50	21s45	0n33	16n51	0s19	0n51	1n22	0s27	16s 0	11s22	11s45	13s32	11s 2	6n40
S 2	4 36	15 59	5 14	1 23	2 1	7 51	1 12	3 26	0 43	16 6	0 50	21 44	0 33	16 52	0 19	0 51	1 22	0 27	16 0	11 22	11 44	13 30	11 0	6 40
S 3	4 59	12 56	5 11	0 34	1 56	7 24	1 14	3 44	0 42	16 10	0 50	21 44	0 33	16 53	0 19	0 52	1 22	0 26	16 0	11 21	11 43	13 29	10 59	6 40
M 4	5 22	9 4	4 48	0n15	1 51	6 57	1 16	4 3	0 41	16 14	0 50	21 44	0 33	16 54	0 19	0 53	1 22	0 26	15 59	11 21	11 42	13 27	10 58	6 41
T 5	5 45	4 39	4 7	1 6	1 46	6 31	1 17	4 21	0 41	16 17	0 50	21 44	0 33	16 55	0 19	0 53	1 22	0 25	15 59	11 20	11 41	13 26	10 57	6 41
W 6	6 8	0s 2	3 10	1 57	1 40	6 3	1 19	4 40	0 40	16 21	0 49	21 43	0 33	16 56	0 19	0 54	1 22	0 25	15 59	11 19	11 40	13 24	10 56	6 42
T 7	6 31	4 40	2 1	2 49	1 34	5 36	1 20	4 58	0 40	16 25	0 49	21 43	0 33	16 57	0 19	0 54	1 22	0 24	15 59	11 19	11 39	13 23	10 55	6 42
F 8	6 54	8 59	0 46	3 42	1 27	5 9	1 22	5 16	0 39	16 29	0 49	21 43	0 33	16 57	0 19	0 55	1 22	0 24	15 59	11 19	11 37	13 21	10 53	6 42
S 9	7 16	12 43	0n30	4 35	1 19	4 41	1 23	5 35	0 39	16 33	0 49	21 43	0 33	16 58	0 19	0 56	1 22	0 23	15 59	11 19	11 36	13 19	10 52	6 43
S 10	7 38	15 40	1 43	5 29	1 11	4 13	1 25	5 53	0 38	16 36	0 49	21 42	0 33	16 59	0 19	0 56	1 22	0 23	15 59	11 19	11 35	13 18	10 51	6 43
M11	8 1	17 43	2 48	6 24	1 3	3 45	1 26	6 11	0 38	16 40	0 49	21 42	0 33	17 0	0 19	0 57	1 22	0 22	15 58	11 19	11 34	13 16	10 50	6 44
T 12	8 23	18 48	3 43	7 18	0 54	3 17	1 27	6 29	0 37	16 44	0 49	21 42	0 32	17 1	0 19	0 58	1 22	0 22	15 58	11 19	11 33	13 15	10 49	6 44
W13	8 45	18 57	4 27	8 13	0 45	2 49	1 28	6 47	0 37	16 48	0 48	21 42	0 32	17 2	0 19	0 58	1 22	0 21	15 58	11 20	11 32	13 13	10 48	6 45
T 14	9 6	18 11	4 57	9 8	0 35	2 21	1 29	7 5	0 36	16 51	0 48	21 42	0 32	17 3	0 19	0 59	1 22	0 21	15 58	11 20	11 31	13 12	10 47	6 45
F 15	9 28	16 37	5 13	10 3	0 25	1 53	1 30	7 23	0 35	16 55	0 48	21 41	0 32	17 4	0 19	0 59	1 22	0 20	15 58	11 20	11 30	13 10	10 46	6 45
S 16	9 50	14 21	5 17	10 58	0 15	1 24	1 31	7 40	0 35	16 59	0 48	21 41	0 32	17 5	0 19	1 0	1 22	0 20	15 58	11 20	11 28	13 8	10 45	6 46
S 17	10 11	11 30	5 6	11 52	0 4	0 56	1 32	7 58	0 34	17 3	0 48	21 41	0 32	17 5	0 18	1 0	1 21	0 19	15 58	11 20	11 27	13 7	10 44	6 46
M18	10 32	8 10	4 42	12 45	0n 6	0 27	1 32	8 16	0 34	17 6	0 48	21 41	0 32	17 6	0 18	1 1	1 21	0 19	15 58	11 20	11 26	13 5	10 43	6 47
T 19	10 53	4 29	4 6	13 38	0 17	0n 1	1 33	8 33	0 33	17 10	0 48	21 41	0 32	17 7	0 18	1 2	1 21	0 18	15 58	11 20	11 25	13 4	10 42	6 47
W20	11 14	0 32	3 18	14 30	0 28	0 30	1 34	8 50	0 33	17 14	0 48	21 41	0 32	17 8	0 18	1 2	1 21	0 18	15 57	11 20	11 24	13 2	10 41	6 48
T 21	11 35	3n30	2 20	15 20	0 39	0 58	1 34	9 8	0 32	17 18	0 47	21 41	0 32	17 9	0 18	1 3	1 21	0 17	15 57	11 20	11 23	13 0	10 40	6 48
F 22	11 55	7 28	1 14	16 9	0 50	1 27	1 34	9 25	0 31	17 21	0 47	21 41	0 32	17 10	0 18	1 3	1 21	0 17	15 57	11 20	11 22	12 59	10 39	6 49
S 23	12 15	11 11	0 3	16 56	1 1	1 55	1 35	9 42	0 31	17 25	0 47	21 41	0 32	17 11	0 18	1 4	1 21	0 16	15 57	11 20	11 21	12 57	10 38	6 49
S 24	12 35	14 25	1s10	17 41	1 11	2 24	1 35	9 59	0 30	17 29	0 47	21 41	0 32	17 12	0 18	1 4	1 21	0 16	15 57	11 20	11 20	12 56	10 37	6 49
M25	12 55	16 55	2 20	18 24	1 22	2 52	1 35	10 15	0 30	17 32	0 47	21 41	0 32	17 13	0 18	1 5	1 21	0 16	15 57	11 20	11 18	12 54	10 36	6 50
T 26	13 15	18 30	3 24	19 5	1 31	3 21	1 35	10 32	0 29	17 36	0 47	21 41	0 32	17 14	0 18	1 5	1 21	0 15	15 57	11 19	11 17	12 52	10 35	6 50
W27	13 34	19 0	4 16	19 44	1 41	3 49	1 36	10 49	0 28	17 40	0 47	21 41	0 32	17 15	0 18	1 6	1 21	0 15	15 57	11 19	11 16	12 51	10 34	6 51
T 28	13 53	18 20	4 54	20 21	1 49	4 18	1 35	11 5	0 28	17 43	0 47	21 41	0 32	17 16	0 18	1 6	1 21	0 14	15 57	11 19	11 15	12 49	10 34	6 51
F 29	14 12	16 31	5 14	20 55	1 57	4 46	1 35	11 22	0 27	17 47	0 47	21 41	0 32	17 17	0 18	1 7	1 21	0 14	15 57	11 19	11 14	12 48	10 33	6 52
S 30	14n31	13n42	5s15	21n26	2n 5	5n14	1s35	11n38	0s27	17n50	0s47	21s41	0n32	17n18	0s18	1n 7	1n21	0s13	15s57	11s19	11s13	12s46	10s32	6n52

Julian Day Number = 2490715.5, Delta T = 96.64 sec
Ecliptic obliquity = 23°25'24, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°14'19, Lahiri = 25°21'20

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ASTRODIENST EPHEMERIS for the year 2107
geocentric

MAY 2107 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 33 20	10♉ 4'10	20♌ 5	28♉21	18♈18	2♉25	23♉33	18°R 2	19♉32	0°R17	10♉32	29♎34	29♎14	10♒28	12♒10	S 1
M 2	14 37 16	11° 2'28	4♍17	29°55	19°31	3°10	23°47	18♊ 1	19°35	0♎16	10°33	29°34	29°11	10°34	12°12	M 2
T 3	14 41 13	12° 0'44	18°25	1♊25	20°45	3°55	24° 1	18° 1	19°39	0°15	10°34	29°35	29° 8	10°41	12°13	T 3
W 4	14 45 9	12°58'58	2♎26	2°50	21°58	4°40	24°15	18° 0	19°42	0°14	10°36	29°36	29° 5	10°48	12°14	W 4
T 5	14 49 6	13°57'10	16°18	4°12	23°11	5°25	24°30	18° 0	19°46	0°13	10°37	29°37	29° 1	10°55	12°15	T 5
F 6	14 53 2	14°55'20	29°59	5°29	24°25	6°10	24°44	17°59	19°49	0°12	10°39	29°R37	28°58	11° 1	12°16	F 6
S 7	14 56 59	15°53'29	13♏27	6°42	25°38	6°54	24°58	17°58	19°52	0°11	10°40	29°37	28°55	11° 8	12°17	S 7
S 8	15 0 56	16°51'36	26°39	7°50	26°52	7°39	25°12	17°57	19°56	0°10	10°41	29°36	28°52	11°15	12°17	S 8
M 9	15 4 52	17°49'41	9♐35	8°54	28° 5	8°24	25°26	17°56	19°59	0° 9	10°43	29°33	28°49	11°21	12°18	M 9
T 10	15 8 49	18°47'45	22°15	9°53	29°18	9° 8	25°40	17°55	20° 3	0° 8	10°44	29°31	28°45	11°28	12°19	T 10
W11	15 12 45	19°45'47	4♑40	10°47	0♉32	9°53	25°54	17°54	20° 6	0° 7	10°45	29°28	28°42	11°35	12°19	W11
T 12	15 16 42	20°43'48	16°51	11°37	1°45	10°38	26° 8	17°52	20°10	0° 6	10°47	29°25	28°39	11°42	12°20	T 12
F 13	15 20 38	21°41'47	28°53	12°22	2°58	11°22	26°23	17°51	20°13	0° 5	10°48	29°22	28°36	11°48	12°20	F 13
S 14	15 24 35	22°39'45	10♒48	13° 2	4°12	12° 7	26°37	17°49	20°17	0° 4	10°49	29°21	28°33	11°55	12°20	S 14
S 15	15 28 31	23°37'42	22°41	13°37	5°25	12°51	26°51	17°48	20°20	0° 3	10°51	29°D20	28°30	12° 2	12°21	S 15
M16	15 32 28	24°35'37	4♓36	14° 7	6°39	13°35	27° 5	17°46	20°24	0° 2	10°52	29°20	28°26	12° 8	12°21	M16
T 17	15 36 25	25°33'31	16°39	14°33	7°52	14°20	27°19	17°44	20°27	0° 1	10°53	29°22	28°23	12°15	12°21	T 17
W18	15 40 21	26°31'24	28°53	14°53	9° 5	15° 4	27°34	17°42	20°31	0° 1	10°55	29°23	28°20	12°22	12°R21	W18
T 19	15 44 18	27°29'16	11♈24	15° 8	10°19	15°48	27°48	17°40	20°34	29♍59	10°56	29°25	28°17	12°29	12°21	T 19
F 20	15 48 14	28°27'06	24°14	15°19	11°32	16°32	28° 2	17°38	20°38	29°59	10°57	29°R26	28°14	12°35	12°21	F 20
S 21	15 52 11	29°24'55	7♉25	15°24	12°46	17°16	28°16	17°36	20°41	29°59	10°59	29°26	28°11	12°42	12°21	S 21
S 22	15 56 7	0♊22'43	20°58	15°R25	13°59	18° 0	28°30	17°34	20°44	29°58	11° 0	29°24	28° 7	12°49	12°21	S 22
M23	16 0 4	1°20'30	4♊52	15°21	15°12	18°44	28°44	17°32	20°48	29°57	11° 1	29°21	28° 4	12°56	12°20	M23
T 24	16 4 0	2°18'15	19° 2	15°12	16°26	19°28	28°59	17°29	20°51	29°57	11° 3	29°17	28° 1	13° 2	12°20	T 24
W25	16 7 57	3°15'59	3♋25	14°59	17°39	20°12	29°13	17°27	20°55	29°56	11° 4	29°12	27°58	13° 9	12°20	W25
T 26	16 11 54	4°13'42	17°55	14°42	18°53	20°56	29°27	17°24	20°58	29°56	11° 5	29° 7	27°55	13°16	12°19	T 26
F 27	16 15 50	5°11'23	2♌25	14°22	20° 6	21°39	29°41	17°22	21° 2	29°55	11° 6	29° 3	27°51	13°22	12°19	F 27
S 28	16 19 47	6° 9'02	16°50	13°58	21°19	22°23	29°55	17°19	21° 5	29°55	11° 8	29° 0	27°48	13°29	12°18	S 28
S 29	16 23 43	7° 6'40	1♍ 7	13°31	22°33	23° 7	0♊ 9	17°16	21° 8	29°54	11° 9	28°D58	27°45	13°36	12°17	S 29
M30	16 27 40	8° 4'16	15°12	13° 2	23°46	23°50	0°23	17°13	21°12	29°54	11°10	28°58	27°42	13°43	12°16	M30
T 31	16 31 36	9♊ 1'51	29♍ 5	12♊30	25♉ 0	24♉34	0♊38	17♊10	21♉15	29♍53	11♉11	28♎59	27♎39	13♒49	12♒16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n50	10n 5	4s57	21n55	2n12	5n42	1s35	11n54	0s26	17n54	0s46	21s41	0n32	17n18	0s18	1n 8	1n21	0s13	15s57	11s19	11s12	12s44	10s31	6n53
M 2	15 8	5 53	4 21	22 22	2 18	6 10	1 35	12 10	0 25	17 58	0 46	21 41	0 32	17 19	0 18	1 8	1 21	0 12	15 57	11 19	11 11	12 43	10 30	6 53
T 3	15 26	1 23	3 29	22 46	2 23	6 38	1 34	12 26	0 25	18 1	0 46	21 41	0 32	17 20	0 18	1 9	1 21	0 12	15 57	11 19	11 9	12 41	10 30	6 54
W 4	15 43	3s11	2 25	23 7	2 27	7 6	1 34	12 41	0 24	18 5	0 46	21 41	0 32	17 21	0 18	1 9	1 21	0 12	15 57	11 19	11 8	12 40	10 29	6 54
T 5	16 1	7 32	1 13	23 26	2 31	7 33	1 34	12 57	0 23	18 8	0 46	21 41	0 32	17 22	0 18	1 9	1 21	0 11	15 57	11 20	11 7	12 38	10 28	6 55
F 6	16 18	11 26	0n 2	23 43	2 33	8 1	1 33	13 12	0 23	18 12	0 46	21 41	0 32	17 23	0 18	1 10	1 21	0 11	15 57	11 20	11 6	12 36	10 27	6 55
S 7	16 35	14 40	1 16	23 57	2 35	8 28	1 32	13 28	0 22	18 15	0 46	21 42	0 32	17 24	0 18	1 10	1 21	0 10	15 57	11 20	11 5	12 35	10 27	6 56
S 8	16 52	17 4	2 24	24 9	2 35	8 55	1 32	13 43	0 22	18 19	0 46	21 42	0 32	17 25	0 18	1 11	1 21	0 10	15 57	11 19	11 4	12 33	10 26	6 56
M 9	17 8	18 32	3 23	24 19	2 35	9 22	1 31	13 58	0 21	18 22	0 46	21 42	0 32	17 26	0 18	1 11	1 21	0 10	15 57	11 19	11 3	12 32	10 25	6 57
T 10	17 24	19 1	4 11	24 27	2 34	9 49	1 30	14 13	0 20	18 26	0 46	21 42	0 32	17 27	0 18	1 11	1 21	0 9	15 57	11 18	11 2	12 30	10 25	6 57
W11	17 40	18 35	4 46	24 32	2 31	10 15	1 29	14 27	0 20	18 29	0 45	21 42	0 32	17 28	0 18	1 12	1 21	0 9	15 57	11 16	11 0	12 28	10 24	6 58
T 12	17 55	17 17	5 7	24 36	2 28	10 42	1 28	14 42	0 19	18 32	0 45	21 42	0 32	17 29	0 18	1 12	1 21	0 9	15 57	11 15	10 59	12 27	10 24	6 58
F 13	18 11	15 14	5 14	24 38	2 23	11 8	1 27	14 56	0 18	18 36	0 45	21 43	0 32	17 30	0 18	1 12	1 21	0 8	15 57	11 15	10 58	12 25	10 23	6 58
S 14	18 25	12 34	5 8	24 37	2 18	11 33	1 26	15 11	0 18	18 39	0 45	21 43	0 32	17 31	0 18	1 13	1 21	0 8	15 57	11 14	10 57	12 23	10 23	6 59
S 15	18 40	9 23	4 49	24 35	2 11	11 59	1 25	15 25	0 17	18 42	0 45	21 43	0 32	17 32	0 18	1 13	1 21	0 8	15 57	11 14	10 56	12 22	10 22	6 59
M16	18 54	5 49	4 17	24 31	2 3	12 24	1 24	15 39	0 17	18 46	0 45	21 43	0 32	17 33	0 18	1 13	1 21	0 7	15 57	11 14	10 55	12 20	10 21	7 0
T 17	19 8	1 59	3 34	24 26	1 55	12 49	1 23	15 52	0 16	18 49	0 45	21 44	0 31	17 33	0 18	1 14	1 21	0 7	15 57	11 14	10 54	12 19	10 21	7 0
W18	19 22	2n 0	2 40	24 18	1 45	13 14	1 21	16 6	0 15	18 52	0 45	21 44	0 31	17 34	0 18	1 14	1 21	0 7	15 57	11 15	10 53	12 17	10 20	7 1
T 19	19 35	6 0	1 37	24 9	1 34	13 38	1 20	16 19	0 15	18 56	0 45	21 44	0 31	17 35	0 18	1 14	1 21	0 6	15 57	11 15	10 51	12 15	10 20	7 1
F 20	19 48	9 50	0 28	23 59	1 22	14 2	1 19	16 33	0 14	18 59	0 45	21 45	0 31	17 36	0 18	1 14	1 21	0 6	15 57	11 16	10 50	12 14	10 20	7 2
S 21	20 1	13 17	0s44	23 47	1 10	14 26	1 17	16 46	0 13	19 2	0 45	21 45	0 31	17 37	0 18	1 15	1 21	0 6	15 57	11 16	10 49	12 12	10 19	7 2
S 22	20 13	16 8	1 55	23 33	0 56	14 49	1 16	16 59	0 13	19 5	0 45	21 45	0 31	17 38	0 18	1 15	1 21	0 5	15 58	11 15	10 48	12 10	10 19	7 3
M23	20 25	18 7	3 1	23 18	0 41	15 12	1 14	17 12	0 12	19 8	0 45	21 46	0 31	17 39	0 18	1 15	1 21	0 5	15 58	11 14	10 47	12 9	10 18	7 3
T 24	20 36	19 1	3 58	23 2	0 26	15 35	1 12	17 24	0 11	19 12	0 44	21 46	0 31	17 40	0 18	1 15	1 21	0 5	15 58	11 13	10 46	12 7	10 18	7 4
W25	20 48	18 42	4 40	22 45	0 10	15 57	1 11	17 37	0 11	19 15	0 44	21 46	0 31	17 41	0 18	1 15	1 21	0 5	15 58	11 11	10 45	12 6	10 18	7 4
T 26	20 59	17 11	5 5	22 27	0s 6	16 19	1 9	17 49	0 10	19 18	0 44	21 47	0 31	17 42	0 18	1 16	1 21	0 4	15 58	11 9	10 43	12 4	10 17	7 5
F 27	21 9	14 34	5 10	22 7	0 23	16 40	1 7	18 1	0 9	19 21	0 44	21 47	0 31	17 43	0 18	1 16	1 21	0 4	15 58	11 8	10 42	12 2	10 17	7 5
S 28	21 19	11 4	4 56	21 47	0 41	17 1	1 6	18 13	0 9	19 24	0 44	21 47	0 31	17 43	0 18	1 16	1 20	0 4	15 58	11 7	10 41	12 1	10 17	7 6
S 29	21 29	6 58	4 24	21 27	0 58	17 22	1 4	18 24	0 8	19 27	0 44	21 48	0 31	17 44	0 18	1 16	1 20	0 3	15 58	11 6	10 40	11 59	10 17	7 6
M30	21 38	2 31	3 36	21 6	1 16	17 42	1 2	18 36	0 7	19 30	0 44	21 48	0 31	17 45	0 18	1 16	1 20	0 3	15 58	11 6	10 39	11 57	10 16	7 6
T 31	21n47	2s 1	2s35	20n44	1s33	18n 2	1s 0	18n47	0s 7	19n33	0s44	21s49	0n31	17n46	0s18	1n16	1n20	0s 3	15s59	11s 6	10s38	11s56	10s16	7n 7

Julian Day Number = 2490745.5, Delta T = 96.68 sec
Ecliptic obliquity = 23°25'23, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°14'24, Lahiri = 25°21'24

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ASTRODIENST EPHEMERIS for the year 2107
geocentric

JUNE 2107 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 35 33	9♊59'24	12♎45	11°R58	26♉13	25♉17	0♊52	17°R 7	21♉18	29°R53	11♉13	29♎ 1	27♎36	13♒56	12°R15	W 1
T 2	16 39 29	10°56'56	26°13	11♊24	27°27	26° 1	1° 6	17♋ 4	21°22	29♍53	11°14	29°R 2	27°32	14° 3	12♒14	T 2
F 3	16 43 26	11°54'27	9♏29	10°50	28°40	26°44	1°20	17° 1	21°25	29°53	11°15	29° 1	27°29	14° 9	12°13	F 3
S 4	16 47 23	12°51'56	22°33	10°17	29°53	27°27	1°34	16°58	21°28	29°52	11°16	28°59	27°26	14°16	12°12	S 4
S 5	16 51 19	13°49'25	5♐25	9°45	1♊ 7	28°11	1°48	16°55	21°32	29°52	11°17	28°54	27°23	14°23	12°10	S 5
M 6	16 55 16	14°46'52	18° 6	9°14	2°20	28°54	2° 2	16°51	21°35	29°52	11°19	28°48	27°20	14°30	12° 9	M 6
T 7	16 59 12	15°44'19	0♋34	8°44	3°34	29°37	2°16	16°48	21°38	29°52	11°20	28°40	27°17	14°36	12° 8	T 7
W 8	17 3 9	16°41'44	12°51	8°18	4°47	0♊20	2°30	16°45	21°41	29°52	11°21	28°31	27°13	14°43	12° 6	W 8
T 9	17 7 5	17°39'09	24°59	7°54	6° 1	1° 3	2°43	16°41	21°45	29°52	11°22	28°23	27°10	14°50	12° 5	T 9
F 10	17 11 2	18°36'33	6♒58	7°34	7°14	1°46	2°57	16°37	21°48	29°51	11°23	28°15	27° 7	14°56	12° 4	F 10
S 11	17 14 58	19°33'56	18°51	7°17	8°27	2°29	3°11	16°34	21°51	29°D51	11°24	28° 9	27° 4	15° 3	12° 2	S 11
S 12	17 18 55	20°31'19	0♓43	7° 4	9°41	3°12	3°25	16°30	21°54	29°51	11°25	28° 5	27° 1	15°10	12° 0	S 12
M13	17 22 52	21°28'41	12°37	6°56	10°54	3°55	3°39	16°26	21°57	29°51	11°27	28° 2	26°57	15°17	11°59	M13
T 14	17 26 48	22°26'03	24°38	6°51	12° 8	4°37	3°53	16°23	22° 0	29°52	11°28	28°D 2	26°54	15°23	11°57	T 14
W15	17 30 45	23°23'24	6♈51	6°D51	13°21	5°20	4° 6	16°19	22° 4	29°52	11°29	28° 3	26°51	15°30	11°55	W15
T 16	17 34 41	24°20'45	19°21	6°56	14°35	6° 3	4°20	16°15	22° 7	29°52	11°30	28° 4	26°48	15°37	11°53	T 16
F 17	17 38 38	25°18'05	2♉12	7° 5	15°48	6°45	4°34	16°11	22°10	29°52	11°31	28°R 4	26°45	15°43	11°51	F 17
S 18	17 42 34	26°15'25	15°29	7°18	17° 2	7°28	4°47	16° 7	22°13	29°52	11°32	28° 2	26°42	15°50	11°49	S 18
S 19	17 46 31	27°12'44	29°12	7°36	18°15	8°10	5° 1	16° 3	22°16	29°52	11°33	27°59	26°38	15°57	11°47	S 19
M20	17 50 27	28°10'03	13♊21	7°59	19°29	8°53	5°15	15°59	22°19	29°53	11°34	27°53	26°35	16° 4	11°45	M20
T 21	17 54 24	29° 7'22	27°53	8°26	20°43	9°35	5°28	15°55	22°22	29°53	11°35	27°45	26°32	16°10	11°43	T 21
W22	17 58 21	0♋ 4'40	12♋40	8°58	21°56	10°17	5°42	15°50	22°25	29°53	11°36	27°36	26°29	16°17	11°41	W22
T 23	18 2 17	1° 1'58	27°35	9°34	23°10	11° 0	5°55	15°46	22°27	29°54	11°37	27°27	26°26	16°24	11°39	T 23
F 24	18 6 14	1°59'15	12♌29	10°15	24°23	11°42	6° 9	15°42	22°30	29°54	11°38	27°18	26°23	16°30	11°37	F 24
S 25	18 10 10	2°56'31	27°13	10°59	25°37	12°24	6°22	15°38	22°33	29°55	11°39	27°12	26°19	16°37	11°34	S 25
S 26	18 14 7	3°53'46	11♍42	11°48	26°50	13° 6	6°35	15°33	22°36	29°55	11°40	27° 8	26°16	16°44	11°32	S 26
M27	18 18 3	4°51'01	25°52	12°41	28° 4	13°48	6°48	15°29	22°39	29°55	11°41	27° 6	26°13	16°51	11°29	M27
T 28	18 22 0	5°48'15	9♎42	13°38	29°18	14°30	7° 2	15°25	22°42	29°56	11°41	27°D 6	26°10	16°57	11°27	T 28
W29	18 25 56	6°45'29	23°12	14°39	0♋31	15°12	7°15	15°21	22°44	29°57	11°42	27°R 6	26° 7	17° 4	11°24	W29
T 30	18 29 53	7♋42'42	6♏25	15♊44	1♋45	15♊54	7♊28	15♋16	22♉47	29♍57	11♉43	27♎ 6	26♎ 3	17♒11	11♒22	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n56	6s22	1s27	20n23	1s50	18n21	0s58	18n58	0s 6	19n36	0s44	21s49	0n31	17n47	0s18	1n16	1n20	0s 3	15s59	11s 7	10s37	11s54	10s16	7n 7
T 2	22 4	10 21	0 15	20 2	2 7	18 40	0 56	19 9	0 5	19 39	0 44	21 49	0 31	17 48	0 18	1 17	1 20	0 3	15 59	11 7	10 35	11 52	10 16	7 8
F 3	22 12	13 45	0n56	19 41	2 23	18 58	0 54	19 20	0 5	19 42	0 44	21 50	0 31	17 49	0 18	1 17	1 20	0 2	15 59	11 7	10 34	11 51	10 16	7 8
S 4	22 20	16 24	2 4	19 21	2 39	19 16	0 52	19 31	0 4	19 45	0 44	21 50	0 31	17 50	0 18	1 17	1 20	0 2	15 59	11 6	10 33	11 49	10 16	7 9
S 5	22 27	18 11	3 4	19 2	2 53	19 33	0 50	19 41	0 4	19 48	0 44	21 51	0 31	17 50	0 18	1 17	1 20	0 2	15 59	11 5	10 32	11 47	10 15	7 9
M 6	22 33	19 1	3 54	18 44	3 7	19 50	0 48	19 51	0 3	19 50	0 44	21 51	0 31	17 51	0 18	1 17	1 20	0 2	15 59	11 2	10 31	11 46	10 15	7 10
T 7	22 40	18 54	4 31	18 28	3 19	20 6	0 46	20 1	0 2	19 53	0 44	21 52	0 30	17 52	0 18	1 17	1 20	0 2	16 0	11 0	10 30	11 44	10 15	7 10
W 8	22 46	17 54	4 56	18 12	3 31	20 22	0 43	20 11	0 2	19 56	0 44	21 52	0 30	17 53	0 18	1 17	1 20	0 1	16 0	10 57	10 29	11 42	10 15	7 10
T 9	22 51	16 6	5 6	17 59	3 41	20 37	0 41	20 20	0 1	19 59	0 44	21 53	0 30	17 54	0 18	1 17	1 20	0 1	16 0	10 53	10 27	11 41	10 15	7 11
F 10	22 56	13 37	5 3	17 47	3 50	20 52	0 39	20 30	0 0	20 1	0 43	21 53	0 30	17 55	0 18	1 17	1 20	0 1	16 0	10 51	10 26	11 39	10 15	7 11
S 11	23 1	10 36	4 47	17 37	3 57	21 6	0 37	20 39	0n 0	20 4	0 43	21 54	0 30	17 56	0 18	1 17	1 20	0 1	16 0	10 49	10 25	11 37	10 15	7 12
S 12	23 5	7 10	4 19	17 28	4 3	21 19	0 34	20 48	0 1	20 7	0 43	21 54	0 30	17 56	0 18	1 17	1 20	0 1	16 0	10 47	10 24	11 36	10 15	7 12
M13	23 9	3 27	3 39	17 22	4 8	21 32	0 32	20 57	0 2	20 9	0 43	21 55	0 30	17 57	0 18	1 17	1 20	0 1	16 1	10 46	10 23	11 34	10 15	7 12
T 14	23 12	0n28	2 49	17 18	4 12	21 44	0 30	21 5	0 2	20 12	0 43	21 55	0 30	17 58	0 18	1 17	1 20	0 1	16 1	10 46	10 22	11 33	10 15	7 13
W15	23 15	4 25	1 51	17 15	4 14	21 56	0 27	21 14	0 3	20 15	0 43	21 56	0 30	17 59	0 18	1 17	1 20	0 0	16 1	10 46	10 21	11 31	10 16	7 13
T 16	23 18	8 17	0 47	17 15	4 16	22 7	0 25	21 22	0 4	20 17	0 43	21 56	0 30	18 0	0 18	1 16	1 20	0 0	16 1	10 47	10 19	11 29	10 16	7 14
F 17	23 20	11 53	0s22	17 16	4 16	22 17	0 23	21 30	0 4	20 20	0 43	21 57	0 30	18 0	0 18	1 16	1 20	0 0	16 1	10 47	10 18	11 28	10 16	7 14
S 18	23 22	15 0	1 32	17 20	4 15	22 27	0 20	21 37	0 5	20 22	0 43	21 57	0 30	18 1	0 18	1 16	1 20	0 0	16 2	10 46	10 17	11 26	10 16	7 14
S 19	23 24	17 23	2 38	17 25	4 13	22 36	0 18	21 45	0 6	20 25	0 43	21 58	0 30	18 2	0 18	1 16	1 20	0 0	16 2	10 45	10 16	11 24	10 16	7 15
M20	23 25	18 48	3 37	17 31	4 9	22 45	0 16	21 52	0 6	20 27	0 43	21 59	0 30	18 3	0 18	1 16	1 20	0n 0	16 2	10 43	10 15	11 22	10 16	7 15
T 21	23 25	19 1	4 24	17 40	4 5	22 53	0 13	21 59	0 7	20 30	0 43	21 59	0 30	18 3	0 18	1 16	1 20	0 0	16 2	10 40	10 14	11 21	10 17	7 15
W22	23 25	17 57	4 53	17 49	4 0	23 0	0 11	22 6	0 8	20 32	0 43	22 0	0 30	18 4	0 18	1 16	1 20	0 0	16 3	10 37	10 13	11 19	10 17	7 16
T 23	23 25	15 40	5 3	18 0	3 54	23 6	0 8	22 13	0 8	20 34	0 43	22 0	0 29	18 5	0 18	1 15	1 20	0 0	16 3	10 33	10 11	11 17	10 17	7 16
F 24	23 24	12 21	4 53	18 13	3 48	23 12	0 6	22 19	0 9	20 37	0 43	22 1	0 29	18 6	0 18	1 15	1 19	0 0	16 3	10 30	10 10	11 16	10 17	7 16
S 25	23 23	8 18	4 23	18 26	3 40	23 17	0 4	22 26	0 10	20 39	0 43	22 1	0 29	18 6	0 18	1 15	1 19	0 0	16 3	10 28	10 9	11 14	10 18	7 17
S 26	23 22	3 49	3 37	18 41	3 32	23 22	0 1	22 32	0 10	20 41	0 43	22 2	0 29	18 7	0 18	1 15	1 19	0 0	16 3	10 27	10 8	11 12	10 18	7 17
M27	23 20	0s47	2 38	18 56	3 24	23 26	0n 1	22 37	0 11	20 44	0 43	22 2	0 29	18 8	0 18	1 15	1 19	0 0	16 4	10 26	10 7	11 11	10 18	7 17
T 28	23 18	5 14	1 31	19 12	3 14	23 29	0 4	22 43	0 12	20 46	0 43	22 3	0 29	18 8	0 18	1 14	1 19	0 0	16 4	10 26	10 6	11 9	10 19	7 18
W29	23 15	9 20	0 21	19 29	3 4	23 31	0 6	22 48	0 12	20 48	0 43	22 4	0 29	18 9	0 18	1 14	1 19	0 0	16 4	10 26	10 5	11 7	10 19	7 18
T 30	23n12	12s52	0n49	19n47	2s54	23n33	0n 8	22n54	0n13	20n50	0s43	22s 4	0n29	18n10	0s18	1n14	1n19	0n 0	16s 4	10s26	10s 3	11s 6	10s20	7n18

Julian Day Number = 2490776.5, Delta T = 96.72 sec
Ecliptic obliquity = 23°25'23, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°14'28, Lahiri = 25°21'28

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ASTRODIENST EPHEMERIS for the year 2107
geocentric

JULY 2107 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 33 50	8♋39'54	19♏23	16♊53	2♋58	16♊36	7♊41	15°R12	22♉50	29♍58	11♉44	27°R 4	26♎ 0	17♒17	11°R19	F 1
S 2	18 37 46	9°37'07	2♐ 8	18° 6	4°12	17°18	7°54	15♑ 7	22°52	29°58	11°45	27♎ 0	25°57	17°24	11♒17	S 2
S 3	18 41 43	10°34'18	14°42	19°22	5°26	17°59	8° 7	15° 3	22°55	29°59	11°46	26°53	25°54	17°31	11°14	S 3
M 4	18 45 39	11°31'30	27° 6	20°43	6°39	18°41	8°20	14°59	22°57	29°59	11°46	26°43	25°51	17°38	11°11	M 4
T 5	18 49 36	12°28'41	9♑22	22° 7	7°53	19°23	8°33	14°54	23° 0	0♎ 1	11°47	26°31	25°48	17°44	11° 8	T 5
W 6	18 53 32	13°25'53	21°29	23°34	9° 7	20° 4	8°46	14°50	23° 2	0° 1	11°48	26°18	25°44	17°51	11° 5	W 6
T 7	18 57 29	14°23'04	3♒30	25° 6	10°20	20°46	8°58	14°45	23° 5	0° 2	11°49	26° 5	25°41	17°58	11° 3	T 7
F 8	19 1 26	15°20'15	15°25	26°41	11°34	21°27	9°11	14°41	23° 7	0° 3	11°49	25°53	25°38	18° 4	11° 0	F 8
S 9	19 5 22	16°17'27	27°17	28°19	12°48	22° 8	9°24	14°36	23°10	0° 4	11°50	25°43	25°35	18°11	10°57	S 9
S 10	19 9 19	17°14'38	9♓ 7	0♋ 1	14° 1	22°50	9°36	14°32	23°12	0° 5	11°51	25°35	25°32	18°18	10°54	S 10
M11	19 13 15	18°11'50	21° 0	1°46	15°15	23°31	9°49	14°28	23°14	0° 6	11°51	25°30	25°29	18°25	10°51	M11
T 12	19 17 12	19° 9'03	2♈59	3°34	16°29	24°12	10° 1	14°23	23°17	0° 7	11°52	25°28	25°25	18°31	10°48	T 12
W13	19 21 8	20° 6'15	15°10	5°25	17°43	24°53	10°14	14°19	23°19	0° 8	11°53	25°27	25°22	18°38	10°45	W13
T 14	19 25 5	21° 3'28	27°37	7°19	18°56	25°34	10°26	14°14	23°21	0° 9	11°53	25°27	25°19	18°45	10°42	T 14
F 15	19 29 1	22° 0'42	10♉26	9°16	20°10	26°15	10°38	14°10	23°23	0°10	11°54	25°27	25°16	18°51	10°38	F 15
S 16	19 32 58	22°57'56	23°41	11°15	21°24	26°56	10°50	14° 6	23°26	0°11	11°54	25°25	25°13	18°58	10°35	S 16
S 17	19 36 54	23°55'11	7♊25	13°16	22°38	27°37	11° 2	14° 1	23°28	0°12	11°55	25°21	25° 9	19° 5	10°32	S 17
M18	19 40 51	24°52'26	21°37	15°19	23°52	28°18	11°15	13°57	23°30	0°13	11°55	25°14	25° 6	19°12	10°29	M18
T 19	19 44 48	25°49'42	6♋17	17°24	25° 6	28°59	11°26	13°53	23°32	0°14	11°56	25° 5	25° 3	19°18	10°26	T 19
W20	19 48 44	26°46'58	21°17	19°30	26°19	29°40	11°38	13°48	23°34	0°15	11°56	24°54	25° 0	19°25	10°23	W20
T 21	19 52 41	27°44'15	6♌29	21°37	27°33	0♋21	11°50	13°44	23°36	0°17	11°57	24°43	24°57	19°32	10°19	T 21
F 22	19 56 37	28°41'32	21°42	23°45	28°47	1° 1	12° 2	13°40	23°38	0°18	11°57	24°33	24°54	19°38	10°16	F 22
S 23	20 0 34	29°38'49	6♍44	25°53	0♌ 1	1°42	12°14	13°36	23°39	0°19	11°58	24°25	24°50	19°45	10°13	S 23
S 24	20 4 30	0♌36'07	21°28	28° 1	1°15	2°23	12°25	13°32	23°41	0°20	11°58	24°20	24°47	19°52	10° 9	S 24
M25	20 8 27	1°33'25	5♎49	0♌ 9	2°29	3° 3	12°37	13°27	23°43	0°22	11°59	24°17	24°44	19°59	10° 6	M25
T 26	20 12 23	2°30'43	19°45	2°16	3°43	3°44	12°48	13°23	23°45	0°23	11°59	24°D17	24°41	20° 5	10° 3	T 26
W27	20 16 20	3°28'01	3♏15	4°23	4°57	4°24	12°59	13°19	23°46	0°24	11°59	24°R17	24°38	20°12	9°59	W27
T 28	20 20 17	4°25'20	16°24	6°29	6°11	5° 4	13°10	13°15	23°48	0°26	12° 0	24°16	24°35	20°19	9°56	T 28
F 29	20 24 13	5°22'39	29°13	8°34	7°25	5°45	13°22	13°11	23°50	0°27	12° 0	24°14	24°31	20°25	9°53	F 29
S 30	20 28 10	6°19'59	11♐47	10°37	8°38	6°25	13°33	13° 8	23°51	0°29	12° 0	24°10	24°28	20°32	9°49	S 30
S 31	20 32 6	7♌17'19	24♐ 9	12♌40	9♌52	7♋ 5	13♊44	13♑ 4	23♉53	0♎30	12♉ 0	24♎ 3	24♎25	20♒39	9♒46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 8	15s43	1n55	20n 4	2s43	23n34	0n11	22n59	0n14	20n52	0s43	22s 5	0n29	18n10	0s18	1n14	1n19	0n 0	16s 5	10s25	10s 2	11s 4	10s20	7n19
S 2	23 4	17 43	2 54	20 22	2 32	23 35	0 13	23 3	0 14	20 54	0 43	22 5	0 29	18 11	0 18	1 13	1 19	0 0	16 5	10 24	10 1	11 2	10 21	7 19
S 3	23 0	18 50	3 44	20 40	2 20	23 34	0 16	23 8	0 15	20 57	0 43	22 6	0 29	18 12	0 18	1 13	1 19	0 0	16 5	10 21	10 0	11 1	10 21	7 19
M 4	22 55	19 2	4 22	20 58	2 8	23 33	0 18	23 12	0 16	20 59	0 43	22 6	0 29	18 12	0 18	1 13	1 19	0 0	16 5	10 18	9 59	10 59	10 21	7 19
T 5	22 50	18 19	4 47	21 15	1 56	23 31	0 20	23 16	0 16	21 1	0 43	22 7	0 29	18 13	0 18	1 12	1 19	0 0	16 6	10 13	9 58	10 57	10 22	7 20
W 6	22 45	16 47	4 59	21 32	1 44	23 29	0 22	23 20	0 17	21 3	0 43	22 8	0 28	18 14	0 18	1 12	1 19	0 0	16 6	10 9	9 56	10 56	10 22	7 20
T 7	22 39	14 31	4 58	21 49	1 31	23 26	0 25	23 24	0 18	21 5	0 43	22 8	0 28	18 14	0 18	1 12	1 19	0 0	16 6	10 4	9 55	10 54	10 23	7 20
F 8	22 33	11 41	4 43	22 4	1 19	23 22	0 27	23 27	0 18	21 7	0 43	22 9	0 28	18 15	0 18	1 11	1 19	0 0	16 7	10 0	9 54	10 52	10 24	7 20
S 9	22 26	8 23	4 17	22 19	1 6	23 18	0 29	23 30	0 19	21 9	0 43	22 9	0 28	18 16	0 18	1 11	1 19	0 0	16 7	9 56	9 53	10 51	10 24	7 20
S 10	22 19	4 46	3 39	22 32	0 54	23 12	0 31	23 33	0 20	21 10	0 43	22 10	0 28	18 16	0 18	1 11	1 19	0 0	16 7	9 53	9 52	10 49	10 25	7 21
M11	22 11	0 56	2 51	22 44	0 41	23 7	0 34	23 36	0 20	21 12	0 43	22 10	0 28	18 17	0 18	1 10	1 19	0s 0	16 7	9 51	9 51	10 47	10 25	7 21
T 12	22 3	2n58	1 56	22 54	0 29	23 0	0 36	23 39	0 21	21 14	0 43	22 11	0 28	18 17	0 18	1 10	1 19	0 0	16 8	9 50	9 50	10 45	10 26	7 21
W13	21 55	6 48	0 54	23 2	0 16	22 53	0 38	23 41	0 22	21 16	0 43	22 12	0 28	18 18	0 18	1 9	1 19	0 0	16 8	9 50	9 48	10 44	10 27	7 21
T 14	21 47	10 27	0s12	23 9	0 4	22 45	0 40	23 43	0 22	21 18	0 43	22 12	0 28	18 18	0 18	1 9	1 19	0 0	16 8	9 50	9 47	10 42	10 27	7 21
F 15	21 38	13 42	1 18	23 13	0n 7	22 36	0 42	23 45	0 23	21 19	0 43	22 13	0 28	18 19	0 18	1 8	1 19	0 0	16 9	9 50	9 46	10 40	10 28	7 22
S 16	21 28	16 22	2 23	23 15	0 18	22 27	0 44	23 47	0 24	21 21	0 43	22 13	0 28	18 19	0 18	1 8	1 19	0 1	16 9	9 49	9 45	10 39	10 29	7 22
S 17	21 18	18 12	3 22	23 15	0 29	22 17	0 46	23 48	0 24	21 23	0 43	22 14	0 27	18 20	0 18	1 8	1 19	0 1	16 9	9 48	9 44	10 37	10 29	7 22
M18	21 8	18 59	4 11	23 12	0 39	22 7	0 48	23 50	0 25	21 24	0 43	22 14	0 27	18 20	0 18	1 7	1 19	0 1	16 9	9 45	9 43	10 35	10 30	7 22
T 19	20 58	18 32	4 45	23 6	0 49	21 55	0 50	23 51	0 26	21 26	0 43	22 15	0 27	18 21	0 18	1 7	1 19	0 1	16 10	9 42	9 41	10 34	10 31	7 22
W20	20 47	16 48	5 0	22 58	0 58	21 43	0 52	23 52	0 26	21 28	0 43	22 15	0 27	18 21	0 18	1 6	1 19	0 1	16 10	9 38	9 40	10 32	10 31	7 22
T 21	20 36	13 53	4 54	22 47	1 6	21 31	0 54	23 52	0 27	21 29	0 43	22 16	0 27	18 22	0 18	1 6	1 19	0 1	16 10	9 34	9 39	10 30	10 32	7 22
F 22	20 24	10 2	4 28	22 33	1 14	21 18	0 56	23 53	0 28	21 31	0 43	22 16	0 27	18 22	0 18	1 5	1 19	0 1	16 11	9 30	9 38	10 28	10 33	7 22
S 23	20 13	5 35	3 43	22 16	1 20	21 4	0 57	23 53	0 28	21 32	0 43	22 17	0 27	18 23	0 18	1 4	1 18	0 2	16 11	9 28	9 37	10 27	10 34	7 22
S 24	20 0	0 52	2 44	21 57	1 26	20 50	0 59	23 53	0 29	21 34	0 43	22 18	0 27	18 23	0 18	1 4	1 18	0 2	16 11	9 26	9 36	10 25	10 34	7 23
M25	19 48	3s47	1 36	21 36	1 32	20 35	1 1	23 53	0 30	21 35	0 43	22 18	0 27	18 24	0 18	1 3	1 18	0 2	16 12	9 25	9 34	10 23	10 35	7 23
T 26	19 35	8 5	0 24	21 12	1 36	20 19	1 3	23 52	0 30	21 37	0 43	22 19	0 27	18 24	0 18	1 3	1 18	0 2	16 12	9 24	9 33	10 22	10 36	7 23
W27	19 22	11 51	0n47	20 46	1 40	20 3	1 4	23 52	0 31	21 38	0 43	22 19	0 26	18 25	0 18	1 2	1 18	0 2	16 12	9 24	9 32	10 20	10 37	7 23
T 28	19 9	14 54	1 54	20 18	1 43	19 47	1 6	23 51	0 32	21 40	0 43	22 20	0 26	18 25	0 18	1 2	1 18	0 3	16 12	9 24	9 31	10 18	10 38	7 23
F 29	18 55	17 9	2 54	19 48	1 45	19 29	1 7	23 50	0 32	21 41	0 43	22 20	0 26	18 25	0 18	1 1	1 18	0 3	16 13	9 24	9 30	10 16	10 39	7 23
S 30	18 41	18 30	3 43	19 16	1 46	19 12	1 9	23 49	0 33	21 42	0 43	22 21	0 26	18 26	0 18	1 0	1 18	0 3	16 13	9 22	9 29	10 15	10 39	7 23
S 31	18n26	18s56	4n22	18n42	1n47	18n53	1n10	23n48	0n34	21n44	0s43	22s21	0n26	18n26	0s18	1n 0	1n18	0s 3	16s13	9s19	9s27	10s13	10s40	7n23

Julian Day Number = 2490806.5, Delta T = 96.76 sec
Ecliptic obliquity = 23°25'22, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°14'32, Lahiri = 25°21'32

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ASTRODIENST EPHEMERIS for the year 2107
geocentric

AUGUST 2107 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 36 3	8♌14'40	6♑21	14♌41	11♌ 6	7♋45	13♊54	13°R 0	23♉54	0♎32	12♉ 1	23°R53	24♎22	20♒46	9°R43	M 1
T 2	20 39 59	9°12'01	18°26	16°40	12°20	8°25	14° 5	12♑56	23°56	0°33	12° 1	23♎42	24°19	20°52	9♒39	T 2
W 3	20 43 56	10° 9'23	0♒25	18°38	13°34	9° 5	14°16	12°52	23°57	0°35	12° 1	23°29	24°15	20°59	9°36	W 3
T 4	20 47 53	11° 6'46	12°20	20°35	14°48	9°45	14°26	12°49	23°58	0°36	12° 1	23°16	24°12	21° 6	9°33	T 4
F 5	20 51 49	12° 4'09	24°12	22°30	16° 2	10°25	14°37	12°45	24° 0	0°38	12° 1	23° 4	24° 9	21°12	9°29	F 5
S 6	20 55 46	13° 1'34	6♓ 3	24°23	17°16	11° 5	14°47	12°42	24° 1	0°39	12° 2	22°54	24° 6	21°19	9°26	S 6
S 7	20 59 42	13°58'59	17°55	26°15	18°30	11°45	14°57	12°38	24° 2	0°41	12° 2	22°47	24° 3	21°26	9°23	S 7
M 8	21 3 39	14°56'26	29°49	28° 5	19°44	12°24	15° 8	12°35	24° 3	0°43	12° 2	22°42	24° 0	21°32	9°19	M 8
T 9	21 7 35	15°53'54	11♈51	29°54	20°59	13° 4	15°18	12°32	24° 4	0°44	12° 2	22°39	23°56	21°39	9°16	T 9
W10	21 11 32	16°51'22	24° 3	1♏41	22°13	13°44	15°27	12°28	24° 5	0°46	12° 2	22°D39	23°53	21°46	9°13	W10
T 11	21 15 28	17°48'53	6♉30	3°27	23°27	14°23	15°37	12°25	24° 6	0°48	12° 2	22°39	23°50	21°53	9° 9	T 11
F 12	21 19 25	18°46'24	19°16	5°10	24°41	15° 3	15°47	12°22	24° 7	0°50	12°R 2	22°R40	23°47	21°59	9° 6	F 12
S 13	21 23 21	19°43'58	2♊26	6°53	25°55	15°42	15°57	12°19	24° 8	0°51	12° 2	22°39	23°44	22° 6	9° 3	S 13
S 14	21 27 18	20°41'32	16° 4	8°34	27° 9	16°22	16° 6	12°16	24° 9	0°53	12° 2	22°36	23°40	22°13	8°59	S 14
M15	21 31 15	21°39'08	0♋10	10°13	28°23	17° 1	16°15	12°13	24°10	0°55	12° 2	22°31	23°37	22°19	8°56	M15
T 16	21 35 11	22°36'45	14°45	11°51	29°37	17°40	16°25	12°10	24°11	0°57	12° 2	22°25	23°34	22°26	8°53	T 16
W17	21 39 8	23°34'24	29°42	13°27	0♏51	18°20	16°34	12° 7	24°11	0°59	12° 2	22°16	23°31	22°33	8°50	W17
T 18	21 43 4	24°32'04	14♌55	15° 2	2° 5	18°59	16°43	12° 5	24°12	1° 0	12° 2	22° 8	23°28	22°40	8°46	T 18
F 19	21 47 1	25°29'46	0♏13	16°35	3°20	19°38	16°52	12° 2	24°13	1° 2	12° 2	22° 0	23°25	22°46	8°43	F 19
S 20	21 50 57	26°27'28	15°25	18° 7	4°34	20°17	17° 1	11°59	24°13	1° 4	12° 1	21°53	23°21	22°53	8°40	S 20
S 21	21 54 54	27°25'12	0♎20	19°37	5°48	20°56	17° 9	11°57	24°14	1° 6	12° 1	21°49	23°18	23° 0	8°37	S 21
M22	21 58 50	28°22'57	14°52	21° 6	7° 2	21°35	17°18	11°55	24°14	1° 8	12° 1	21°48	23°15	23° 6	8°34	M22
T 23	22 2 47	29°20'43	28°57	22°33	8°16	22°14	17°26	11°52	24°15	1°10	12° 1	21°D48	23°12	23°13	8°31	T 23
W24	22 6 44	0♏18'30	12♏35	23°59	9°30	22°53	17°34	11°50	24°15	1°12	12° 1	21°49	23° 9	23°20	8°28	W24
T 25	22 10 40	1°16'18	25°47	25°23	10°45	23°32	17°42	11°48	24°15	1°14	12° 0	21°R49	23° 6	23°26	8°25	T 25
F 26	22 14 37	2°14'08	8♐37	26°45	11°59	24°11	17°50	11°46	24°15	1°16	12° 0	21°49	23° 2	23°33	8°22	F 26
S 27	22 18 33	3°11'58	21° 7	28° 6	13°13	24°49	17°58	11°44	24°16	1°18	12° 0	21°48	22°59	23°40	8°19	S 27
S 28	22 22 30	4° 9'50	3♑24	29°25	14°27	25°28	18° 6	11°42	24°16	1°20	11°59	21°44	22°56	23°47	8°16	S 28
M29	22 26 26	5° 7'43	15°30	0♎43	15°41	26° 7	18°13	11°40	24°16	1°22	11°59	21°38	22°53	23°53	8°13	M29
T 30	22 30 23	6° 5'38	27°28	1°58	16°56	26°45	18°21	11°39	24°16	1°24	11°59	21°31	22°50	24° 0	8°10	T 30
W31	22 34 19	7♏ 3'33	9♒22	3♎12	18♏10	27♋24	18♊28	11♑37	24°R16	1♎26	11♉58	21♎23	22♎46	24♒ 7	8♒ 8	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n12	18s29	4n47	18n 7	1n47	18n34	1n11	23n46	0n34	21n45	0s43	22s21	0n26	18n26	0s18	0n59	1n18	0s 3	16s14	9s16	9s26	10s11	10s41	7n23
T 2	17 57	17 12	5 0	17 31	1 46	18 15	1 13	23 44	0 35	21 46	0 43	22 22	0 26	18 27	0 18	0 59	1 18	0 4	16 14	9 12	9 25	10 10	10 42	7 23
W 3	17 41	15 11	4 59	16 53	1 45	17 55	1 14	23 42	0 35	21 47	0 43	22 22	0 26	18 27	0 18	0 58	1 18	0 4	16 14	9 7	9 24	10 8	10 43	7 23
T 4	17 26	12 32	4 45	16 15	1 43	17 35	1 15	23 40	0 36	21 49	0 43	22 23	0 26	18 27	0 18	0 57	1 18	0 4	16 15	9 2	9 23	10 6	10 44	7 23
F 5	17 10	9 23	4 18	15 35	1 40	17 14	1 16	23 38	0 37	21 50	0 43	22 23	0 26	18 28	0 18	0 57	1 18	0 4	16 15	8 58	9 22	10 4	10 45	7 23
S 6	16 54	5 52	3 41	14 55	1 37	16 52	1 17	23 35	0 37	21 51	0 43	22 24	0 25	18 28	0 18	0 56	1 18	0 5	16 15	8 54	9 20	10 3	10 46	7 23
S 7	16 37	2 7	2 54	14 14	1 34	16 31	1 18	23 32	0 38	21 52	0 43	22 24	0 25	18 28	0 18	0 55	1 18	0 5	16 16	8 51	9 19	10 1	10 47	7 22
M 8	16 21	1n44	1 58	13 32	1 30	16 8	1 19	23 29	0 39	21 53	0 43	22 25	0 25	18 29	0 18	0 55	1 18	0 5	16 16	8 49	9 18	9 59	10 47	7 22
T 9	16 4	5 34	0 57	12 50	1 25	15 46	1 20	23 26	0 39	21 54	0 43	22 25	0 25	18 29	0 18	0 54	1 18	0 5	16 16	8 48	9 17	9 57	10 48	7 22
W10	15 46	9 12	0s 7	12 7	1 21	15 22	1 21	23 23	0 40	21 55	0 43	22 25	0 25	18 29	0 18	0 53	1 18	0 6	16 17	8 48	9 16	9 56	10 49	7 22
T 11	15 29	12 31	1 13	11 24	1 15	14 59	1 22	23 19	0 41	21 56	0 43	22 26	0 25	18 29	0 18	0 53	1 18	0 6	16 17	8 48	9 15	9 54	10 50	7 22
F 12	15 11	15 20	2 17	10 41	1 10	14 35	1 22	23 16	0 41	21 57	0 43	22 26	0 25	18 30	0 18	0 52	1 18	0 6	16 17	8 49	9 13	9 52	10 51	7 22
S 13	14 53	17 26	3 16	9 58	1 3	14 11	1 23	23 12	0 42	21 58	0 43	22 27	0 25	18 30	0 18	0 51	1 18	0 7	16 18	8 48	9 12	9 51	10 52	7 22
S 14	14 35	18 37	4 5	9 14	0 57	13 46	1 24	23 8	0 43	21 59	0 43	22 27	0 25	18 30	0 18	0 50	1 18	0 7	16 18	8 47	9 11	9 49	10 53	7 22
M15	14 17	18 43	4 42	8 31	0 50	13 21	1 24	23 3	0 43	22 0	0 43	22 27	0 24	18 30	0 18	0 50	1 18	0 7	16 18	8 46	9 10	9 47	10 54	7 22
T 16	13 58	17 36	5 2	7 47	0 43	12 55	1 25	22 59	0 44	22 1	0 43	22 28	0 24	18 30	0 18	0 49	1 18	0 8	16 18	8 43	9 9	9 45	10 55	7 21
W17	13 39	15 16	5 2	7 4	0 36	12 29	1 25	22 54	0 45	22 2	0 43	22 28	0 24	18 31	0 18	0 48	1 18	0 8	16 19	8 40	9 8	9 44	10 56	7 21
T 18	13 20	11 52	4 41	6 20	0 29	12 3	1 25	22 50	0 45	22 3	0 43	22 28	0 24	18 31	0 18	0 47	1 18	0 8	16 19	8 37	9 6	9 42	10 57	7 21
F 19	13 1	7 38	4 0	5 37	0 21	11 37	1 26	22 45	0 46	22 4	0 43	22 29	0 24	18 31	0 18	0 47	1 18	0 9	16 19	8 34	9 5	9 40	10 58	7 21
S 20	12 41	2 57	3 2	4 54	0 13	11 10	1 26	22 40	0 47	22 5	0 43	22 29	0 24	18 31	0 18	0 46	1 18	0 9	16 20	8 31	9 4	9 38	10 59	7 21
S 21	12 22	1s51	1 53	4 11	0 5	10 43	1 26	22 34	0 47	22 5	0 43	22 30	0 24	18 31	0 18	0 45	1 18	0 9	16 20	8 30	9 3	9 37	11 0	7 20
M22	12 2	6 25	0 37	3 29	0s 3	10 15	1 26	22 29	0 48	22 6	0 43	22 30	0 24	18 31	0 18	0 44	1 18	0 10	16 20	8 29	9 2	9 35	11 1	7 20
T 23	11 42	10 30	0n38	2 46	0 12	9 48	1 26	22 23	0 48	22 7	0 43	22 30	0 24	18 31	0 18	0 44	1 18	0 10	16 21	8 29	9 1	9 33	11 2	7 20
W24	11 21	13 52	1 50	2 5	0 21	9 20	1 26	22 17	0 49	22 8	0 43	22 30	0 23	18 31	0 18	0 43	1 18	0 10	16 21	8 30	8 59	9 32	11 3	7 20
T 25	11 1	16 24	2 53	1 23	0 29	8 51	1 26	22 11	0 50	22 8	0 43	22 31	0 23	18 31	0 18	0 42	1 18	0 11	16 21	8 30	8 58	9 30	11 4	7 20
F 26	10 40	18 1	3 45	0 42	0 38	8 23	1 26	22 5	0 50	22 9	0 43	22 31	0 23	18 32	0 18	0 41	1 18	0 11	16 22	8 30	8 57	9 28	11 5	7 19
S 27	10 20	18 43	4 25	0 2	0 47	7 54	1 25	21 59	0 51	22 10	0 43	22 31	0 23	18 32	0 18	0 40	1 18	0 11	16 22	8 29	8 56	9 26	11 6	7 19
S 28	9 59	18 30	4 52	0s38	0 56	7 25	1 25	21 53	0 52	22 10	0 43	22 32	0 23	18 32	0 18	0 40	1 18	0 12	16 22	8 28	8 55	9 25	11 7	7 19
M29	9 37	17 27	5 6	1 17	1 5	6 56	1 25	21 46	0 52	22 11	0 43	22 32	0 23	18 32	0 18	0 39	1 18	0 12	16 22	8 26	8 53	9 23	11 8	7 19
T 30	9 16	15 39	5 6	1 55	1 15	6 27	1 24	21 39	0 53	22 12	0 43	22 32	0 23	18 32	0 18	0 38	1 18	0 13	16 23	8 23	8 52	9 21	11 9	7 18
W31	8n55	13s11	4n53	2s33	1s24	5n58	1n24	21n33	0n54	22n12	0s43	22s32	0n23	18n32	0s18	0n37	1n18	0s13	16s23	8s20	8s51	9s19	11s10	7n18

Julian Day Number = 2490837.5, Delta T = 96.80 sec
Ecliptic obliquity = 23°25'22, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°14'36, Lahiri = 25°21'37

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ASTRODIENST EPHEMERIS for the year 2107
geocentric

SEPTEMBER 2107 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 38 16	8♍ 1'31	21♒14	4♎24	19♍24	28♋ 2	18♊35	11°R36	24°R16	1♎28	11°R58	21°R14	22♎43	24♒13	8°R 5	T 1
F 2	22 42 13	8°59'29	3♓ 5	5°34	20°38	28°40	18°42	11♑34	24♉16	1°30	11♉58	21♎ 7	22°40	24°20	8♒ 2	F 2
S 3	22 46 9	9°57'29	14°59	6°42	21°52	29°19	18°49	11°33	24°16	1°32	11°57	21° 0	22°37	24°27	8° 0	S 3
S 4	22 50 6	10°55'31	26°55	7°47	23° 7	29°57	18°55	11°32	24°16	1°34	11°57	20°56	22°34	24°33	7°57	S 4
M 5	22 54 2	11°53'35	8♈57	8°51	24°21	0♌35	19° 2	11°31	24°15	1°37	11°56	20°53	22°31	24°40	7°54	M 5
T 6	22 57 59	12°51'40	21° 6	9°52	25°35	1°13	19° 8	11°30	24°15	1°39	11°56	20°D53	22°27	24°47	7°52	T 6
W 7	23 1 55	13°49'47	3♉26	10°50	26°49	1°51	19°15	11°29	24°15	1°41	11°55	20°53	22°24	24°54	7°49	W 7
T 8	23 5 52	14°47'56	15°59	11°46	28° 4	2°29	19°21	11°28	24°14	1°43	11°55	20°55	22°21	25° 0	7°47	T 8
F 9	23 9 48	15°46'08	28°48	12°39	29°18	3° 7	19°26	11°27	24°14	1°45	11°54	20°56	22°18	25° 7	7°45	F 9
S 10	23 13 45	16°44'21	11♊57	13°29	0♎32	3°45	19°32	11°26	24°13	1°47	11°54	20°R57	22°15	25°14	7°42	S 10
S 11	23 17 42	17°42'36	25°30	14°15	1°46	4°23	19°38	11°26	24°13	1°49	11°53	20°57	22°12	25°20	7°40	S 11
M12	23 21 38	18°40'53	9♋27	14°59	3° 0	5° 1	19°43	11°25	24°12	1°52	11°52	20°56	22° 8	25°27	7°38	M12
T 13	23 25 35	19°39'13	23°48	15°38	4°15	5°39	19°48	11°25	24°12	1°54	11°52	20°53	22° 5	25°34	7°36	T 13
W14	23 29 31	20°37'34	8♌30	16°13	5°29	6°16	19°53	11°25	24°11	1°56	11°51	20°49	22° 2	25°40	7°34	W14
T 15	23 33 28	21°35'58	23°29	16°44	6°43	6°54	19°58	11°25	24°10	1°58	11°51	20°45	21°59	25°47	7°32	T 15
F 16	23 37 24	22°34'23	8♍35	17°10	7°57	7°31	20° 3	11°D25	24° 9	2° 0	11°50	20°41	21°56	25°54	7°30	F 16
S 17	23 41 21	23°32'51	23°40	17°32	9°12	8° 9	20° 7	11°25	24° 9	2° 3	11°49	20°38	21°52	26° 1	7°28	S 17
S 18	23 45 17	24°31'20	8♎34	17°48	10°26	8°46	20°12	11°25	24° 8	2° 5	11°49	20°36	21°49	26° 7	7°26	S 18
M19	23 49 14	25°29'51	23°10	17°58	11°40	9°24	20°16	11°25	24° 7	2° 7	11°48	20°D36	21°46	26°14	7°24	M19
T 20	23 53 10	26°28'23	7♏21	18°R 3	12°54	10° 1	20°20	11°25	24° 6	2° 9	11°47	20°36	21°43	26°21	7°22	T 20
W21	23 57 7	27°26'58	21° 6	18° 1	14° 9	10°38	20°24	11°26	24° 5	2°11	11°46	20°38	21°40	26°27	7°20	W21
T 22	0 1 4	28°25'34	4♐25	17°53	15°23	11°15	20°27	11°26	24° 4	2°14	11°46	20°39	21°37	26°34	7°19	T 22
F 23	0 5 0	29°24'12	17°20	17°37	16°37	11°53	20°31	11°27	24° 3	2°16	11°45	20°40	21°33	26°41	7°17	F 23
S 24	0 8 57	0♎22'52	29°53	17°15	17°51	12°30	20°34	11°28	24° 1	2°18	11°44	20°R41	21°30	26°47	7°16	S 24
S 25	0 12 53	1°21'33	12♑10	16°45	19° 6	13° 7	20°37	11°28	24° 0	2°20	11°43	20°41	21°27	26°54	7°14	S 25
M26	0 16 50	2°20'16	24°14	16° 8	20°20	13°44	20°40	11°29	23°59	2°23	11°42	20°39	21°24	27° 1	7°13	M26
T 27	0 20 46	3°19'00	6♒10	15°25	21°34	14°20	20°43	11°30	23°58	2°25	11°42	20°37	21°21	27° 8	7°11	T 27
W28	0 24 43	4°17'47	18° 2	14°34	22°48	14°57	20°45	11°32	23°56	2°27	11°41	20°35	21°17	27°14	7°10	W28
T 29	0 28 39	5°16'35	29°53	13°38	24° 3	15°34	20°47	11°33	23°55	2°29	11°40	20°32	21°14	27°21	7° 9	T 29
F 30	0 32 36	6♎15'25	11♓46	12♎37	25♎17	16♌11	20♊49	11♑34	23♉54	2♎31	11♉39	20♎30	21♎11	27♒28	7♒ 8	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n33	10s11	4n27	3s10	1s33	5n28	1n23	21n26	0n54	22n13	0s43	22s33	0n22	18n32	0s18	0n36	1n18	0s13	16s23	8s17	8s50	9s18	11s11	7n18
F 2	8 12	6 47	3 50	3 46	1 42	4 58	1 22	21 18	0 55	22 13	0 43	22 33	0 22	18 32	0 18	0 35	1 18	0 14	16 24	8 14	8 49	9 16	11 12	7 17
S 3	7 50	3 7	3 2	4 22	1 51	4 28	1 22	21 11	0 56	22 14	0 43	22 33	0 22	18 32	0 18	0 35	1 18	0 14	16 24	8 12	8 48	9 14	11 13	7 17
S 4	7 28	0n43	2 7	4 56	2 1	3 58	1 21	21 4	0 56	22 14	0 43	22 33	0 22	18 31	0 18	0 34	1 18	0 14	16 24	8 10	8 46	9 12	11 14	7 17
M 5	7 6	4 32	1 4	5 30	2 10	3 28	1 20	20 56	0 57	22 15	0 43	22 34	0 22	18 31	0 18	0 33	1 18	0 15	16 24	8 9	8 45	9 11	11 15	7 16
T 6	6 44	8 13	0s 1	6 2	2 19	2 58	1 19	20 48	0 57	22 15	0 43	22 34	0 22	18 31	0 19	0 32	1 18	0 15	16 25	8 9	8 44	9 9	11 15	7 16
W 7	6 21	11 35	1 8	6 33	2 28	2 28	1 18	20 41	0 58	22 16	0 43	22 34	0 22	18 31	0 19	0 31	1 18	0 16	16 25	8 9	8 43	9 7	11 16	7 16
T 8	5 59	14 29	2 13	7 3	2 36	1 57	1 17	20 33	0 59	22 16	0 43	22 34	0 22	18 31	0 19	0 30	1 18	0 16	16 25	8 9	8 42	9 5	11 17	7 15
F 9	5 36	16 45	3 12	7 32	2 45	1 27	1 16	20 25	0 59	22 17	0 44	22 34	0 22	18 31	0 19	0 29	1 18	0 17	16 26	8 10	8 40	9 4	11 18	7 15
S 10	5 14	18 11	4 3	7 59	2 53	0 56	1 15	20 16	1 0	22 17	0 44	22 34	0 21	18 31	0 19	0 29	1 18	0 17	16 26	8 10	8 39	9 2	11 19	7 15
S 11	4 51	18 38	4 43	8 24	3 2	0 25	1 14	20 8	1 1	22 18	0 44	22 35	0 21	18 31	0 19	0 28	1 18	0 17	16 26	8 10	8 38	9 0	11 20	7 14
M12	4 28	17 59	5 7	8 48	3 9	0s 5	1 12	20 0	1 1	22 18	0 44	22 35	0 21	18 31	0 19	0 27	1 18	0 18	16 26	8 10	8 37	8 58	11 21	7 14
T 13	4 6	16 12	5 12	9 11	3 17	0 36	1 11	19 51	1 2	22 18	0 44	22 35	0 21	18 30	0 19	0 26	1 18	0 18	16 27	8 9	8 36	8 57	11 22	7 13
W14	3 43	13 19	4 58	9 31	3 24	1 7	1 10	19 42	1 3	22 19	0 44	22 35	0 21	18 30	0 19	0 25	1 18	0 19	16 27	8 7	8 35	8 55	11 23	7 13
T 15	3 20	9 32	4 24	9 49	3 31	1 37	1 8	19 33	1 3	22 19	0 44	22 35	0 21	18 30	0 19	0 24	1 18	0 19	16 27	8 6	8 33	8 53	11 24	7 13
F 16	2 57	5 6	3 30	10 5	3 37	2 8	1 7	19 24	1 4	22 19	0 44	22 35	0 21	18 30	0 19	0 23	1 18	0 19	16 27	8 4	8 32	8 51	11 25	7 12
S 17	2 34	0 20	2 23	10 18	3 43	2 39	1 5	19 15	1 5	22 20	0 44	22 35	0 21	18 30	0 19	0 22	1 18	0 20	16 28	8 3	8 31	8 50	11 26	7 12
S 18	2 10	4s24	1 6	10 29	3 47	3 9	1 3	19 6	1 5	22 20	0 44	22 36	0 21	18 29	0 19	0 22	1 18	0 20	16 28	8 2	8 30	8 48	11 26	7 11
M19	1 47	8 47	0n14	10 37	3 52	3 40	1 2	18 57	1 6	22 20	0 44	22 36	0 20	18 29	0 19	0 21	1 18	0 21	16 28	8 2	8 29	8 46	11 27	7 11
T 20	1 24	12 31	1 31	10 41	3 55	4 10	1 0	18 47	1 6	22 20	0 44	22 36	0 20	18 29	0 19	0 20	1 18	0 21	16 28	8 3	8 27	8 44	11 28	7 11
W21	1 1	15 27	2 40	10 43	3 57	4 41	0 58	18 38	1 7	22 21	0 44	22 36	0 20	18 29	0 19	0 19	1 18	0 22	16 28	8 3	8 26	8 42	11 29	7 10
T 22	0 38	17 26	3 38	10 41	3 58	5 11	0 56	18 28	1 8	22 21	0 44	22 36	0 20	18 28	0 19	0 18	1 18	0 22	16 29	8 4	8 25	8 41	11 30	7 10
F 23	0 14	18 27	4 24	10 34	3 58	5 41	0 55	18 19	1 8	22 21	0 44	22 36	0 20	18 28	0 19	0 17	1 18	0 22	16 29	8 4	8 24	8 39	11 31	7 9
S 24	0s 9	18 30	4 55	10 24	3 56	6 11	0 53	18 9	1 9	22 21	0 44	22 36	0 20	18 28	0 19	0 16	1 18	0 23	16 29	8 4	8 23	8 37	11 31	7 9
S 25	0 32	17 41	5 12	10 10	3 53	6 41	0 51	17 59	1 10	22 22	0 44	22 36	0 20	18 28	0 19	0 15	1 18	0 23	16 29	8 4	8 22	8 35	11 32	7 8
M26	0 56	16 5	5 15	9 52	3 49	7 11	0 49	17 49	1 10	22 22	0 44	22 36	0 20	18 27	0 19	0 15	1 18	0 24	16 29	8 4	8 20	8 34	11 33	7 8
T 27	1 19	13 48	5 4	9 29	3 42	7 41	0 46	17 39	1 11	22 22	0 44	22 36	0 20	18 27	0 19	0 14	1 18	0 24	16 30	8 3	8 19	8 32	11 34	7 7
W28	1 42	10 58	4 40	9 2	3 34	8 11	0 44	17 29	1 12	22 22	0 44	22 36	0 19	18 27	0 19	0 13	1 18	0 25	16 30	8 2	8 18	8 30	11 34	7 7
T 29	2 6	7 41	4 5	8 30	3 24	8 40	0 42	17 19	1 12	22 22	0 44	22 36	0 19	18 26	0 19	0 12	1 18	0 25	16 30	8 1	8 17	8 28	11 35	7 7
F 30	2s29	4s 5	3n18	7s55	3s12	9s 9	0n40	17n 8	1n13	22n22	0s44	22s36	0n19	18n26	0s19	0n11	1n18	0s25	16s30	8s 0	8s16	8s27	11s36	7n 6

Julian Day Number = 2490868.5, Delta T = 96.85 sec
Ecliptic obliquity = 23°25'23, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°14'40, Lahiri = 25°21'41

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ASTRODIENST EPHEMERIS for the year 2107
geocentric

OCTOBER 2107 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 36 33	7♎14'17	23♓45	11°R32	26♎31	16♌47	20♊51	11♑36	23°R52	2♎34	11°R38	20°R28	21♎ 8	27♒34	7°R 7	S 1
S 2	0 40 29	8°13'10	5♈50	10♎25	27°45	17°24	20°53	11°37	23♉51	2°36	11♉37	20♎27	21° 5	27°41	7♒ 6	S 2
M 3	0 44 26	9°12'06	18° 3	9°17	28°59	18° 0	20°55	11°39	23°49	2°38	11°36	20°D27	21° 2	27°48	7° 5	M 3
T 4	0 48 22	10°11'04	0♉27	8°10	0♏13	18°36	20°56	11°40	23°48	2°40	11°35	20°27	20°58	27°54	7° 4	T 4
W 5	0 52 19	11°10'04	13° 2	7° 6	1°28	19°13	20°57	11°42	23°46	2°43	11°34	20°28	20°55	28° 1	7° 3	W 5
T 6	0 56 15	12° 9'06	25°50	6° 6	2°42	19°49	20°58	11°44	23°44	2°45	11°33	20°28	20°52	28° 8	7° 2	T 6
F 7	1 0 12	13° 8'10	8♊52	5°13	3°56	20°25	20°59	11°46	23°43	2°47	11°32	20°29	20°49	28°14	7° 2	F 7
S 8	1 4 8	14° 7'17	22°10	4°27	5°10	21° 1	20°59	11°48	23°41	2°49	11°31	20°30	20°46	28°21	7° 1	S 8
S 9	1 8 5	15° 6'26	5♋44	3°50	6°24	21°37	21° 0	11°50	23°39	2°51	11°30	20°30	20°43	28°28	7° 1	S 9
M10	1 12 2	16° 5'38	19°36	3°23	7°39	22°13	21°R 0	11°53	23°37	2°54	11°29	20°R30	20°39	28°35	7° 0	M10
T 11	1 15 58	17° 4'51	3♌44	3° 6	8°53	22°49	21° 0	11°55	23°35	2°56	11°28	20°30	20°36	28°41	7° 0	T 11
W12	1 19 55	18° 4'08	18° 8	3°D 0	10° 7	23°25	20°59	11°57	23°34	2°58	11°27	20°30	20°33	28°48	6°59	W12
T 13	1 23 51	19° 3'26	2♍43	3° 5	11°21	24° 1	20°59	12° 0	23°32	3° 0	11°26	20°30	20°30	28°55	6°59	T 13
F 14	1 27 48	20° 2'46	17°26	3°21	12°35	24°37	20°58	12° 3	23°30	3° 2	11°25	20°D29	20°27	29° 1	6°59	F 14
S 15	1 31 44	21° 2'09	2♎ 9	3°46	13°49	25°12	20°57	12° 5	23°28	3° 4	11°24	20°29	20°23	29° 8	6°59	S 15
S 16	1 35 41	22° 1'34	16°47	4°21	15° 3	25°48	20°56	12° 8	23°26	3° 7	11°23	20°R30	20°20	29°15	6°D59	S 16
M17	1 39 37	23° 1'01	1♏12	5° 6	16°18	26°23	20°55	12°11	23°24	3° 9	11°22	20°29	20°17	29°21	6°59	M17
T 18	1 43 34	24° 0'30	15°19	5°58	17°32	26°59	20°53	12°14	23°22	3°11	11°21	20°29	20°14	29°28	6°59	T 18
W19	1 47 30	25° 0'01	29° 5	6°58	18°46	27°34	20°52	12°17	23°20	3°13	11°20	20°29	20°11	29°35	6°59	W19
T 20	1 51 27	25°59'34	12♐27	8° 4	20° 0	28° 9	20°50	12°20	23°17	3°15	11°19	20°28	20° 8	29°41	6°59	T 20
F 21	1 55 24	26°59'09	25°26	9°16	21°14	28°44	20°48	12°24	23°15	3°17	11°18	20°28	20° 4	29°48	7° 0	F 21
S 22	1 59 20	27°58'45	8♑ 3	10°33	22°28	29°19	20°46	12°27	23°13	3°19	11°17	20°27	20° 1	29°55	7° 0	S 22
S 23	2 3 17	28°58'24	20°22	11°54	23°42	29°54	20°43	12°30	23°11	3°21	11°16	20°26	19°58	0♓ 2	7° 1	S 23
M24	2 7 13	29°58'04	2♒28	13°19	24°56	0♍29	20°40	12°34	23° 9	3°23	11°15	20°D26	19°55	0° 8	7° 1	M24
T 25	2 11 10	0♏57'45	14°24	14°48	26°10	1° 4	20°37	12°38	23° 7	3°25	11°14	20°27	19°52	0°15	7° 2	T 25
W26	2 15 6	1°57'28	26°15	16°18	27°25	1°39	20°34	12°41	23° 4	3°27	11°12	20°27	19°49	0°22	7° 2	W26
T 27	2 19 3	2°57'14	8♓ 7	17°51	28°39	2°13	20°31	12°45	23° 2	3°29	11°11	20°29	19°45	0°28	7° 3	T 27
F 28	2 22 59	3°57'00	20° 2	19°26	29°53	2°48	20°28	12°49	23° 0	3°31	11°10	20°30	19°42	0°35	7° 4	F 28
S 29	2 26 56	4°56'49	2♈ 5	21° 2	1♐ 7	3°22	20°24	12°53	22°57	3°33	11° 9	20°31	19°39	0°42	7° 5	S 29
S 30	2 30 53	5°56'39	14°20	22°39	2°21	3°56	20°20	12°57	22°55	3°35	11° 8	20°R32	19°36	0°48	7° 6	S 30
M31	2 34 49	6♏56'31	26♈47	24♎17	3♐35	4♍31	20♊16	13♑ 1	22♉53	3♎37	11♉ 7	20♎32	19♎33	0♓55	7♒ 7	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	2s52	0s18	2n23	7s17	2s58	9s38	0n38	16n58	1n14	22n22	0s44	22s36	0n19	18n26	0s19	0n10	1n18	0s26	16s30	8s 0	8s14	8s25	11s37	7n 6	S 1
S 2	3 15	3n32	1 20	6 36	2 42	10 7	0 35	16 47	1 14	22 22	0 44	22 36	0 19	18 25	0 19	0 9	1 18	0 26	16 31	7 59	8 13	8 23	11 37	7 5	S 2
M 3	3 39	7 17	0 13	5 54	2 25	10 36	0 33	16 37	1 15	22 22	0 44	22 36	0 19	18 25	0 19	0 8	1 18	0 27	16 31	7 59	8 12	8 21	11 38	7 5	M 3
T 4	4 2	10 46	0s55	5 10	2 6	11 4	0 31	16 26	1 16	22 23	0 44	22 36	0 19	18 24	0 19	0 8	1 18	0 27	16 31	7 59	8 11	8 19	11 39	7 4	T 4
W 5	4 25	13 48	2 2	4 27	1 47	11 32	0 28	16 15	1 16	22 23	0 44	22 36	0 19	18 24	0 19	0 7	1 18	0 28	16 31	7 59	8 10	8 18	11 39	7 4	W 5
T 6	4 48	16 13	3 4	3 45	1 26	12 0	0 26	16 5	1 17	22 23	0 44	22 36	0 19	18 24	0 19	0 6	1 18	0 28	16 31	8 0	8 8	8 16	11 40	7 3	T 6
F 7	5 11	17 51	3 58	3 5	1 6	12 27	0 23	15 54	1 17	22 23	0 44	22 36	0 18	18 23	0 19	0 5	1 18	0 28	16 31	8 0	8 7	8 14	11 41	7 3	F 7
S 8	5 34	18 32	4 40	2 28	0 46	12 54	0 21	15 43	1 18	22 23	0 44	22 36	0 18	18 23	0 19	0 4	1 18	0 29	16 32	8 0	8 6	8 12	11 41	7 2	S 8
S 9	5 57	18 11	5 7	1 55	0 26	13 21	0 18	15 32	1 19	22 23	0 45	22 36	0 18	18 22	0 19	0 3	1 18	0 29	16 32	8 0	8 5	8 11	11 42	7 2	S 9
M10	6 20	16 45	5 17	1 26	0 6	13 48	0 16	15 21	1 19	22 23	0 45	22 36	0 18	18 22	0 19	0 2	1 18	0 30	16 32	8 0	8 4	8 9	11 43	7 1	M10
T 11	6 42	14 17	5 9	1 3	0n12	14 14	0 13	15 10	1 20	22 23	0 45	22 35	0 18	18 21	0 19	0 2	1 18	0 30	16 32	8 0	8 2	8 7	11 43	7 1	T 11
W12	7 5	10 55	4 41	0 45	0 29	14 40	0 11	14 58	1 21	22 23	0 45	22 35	0 18	18 21	0 19	0 1	1 18	0 30	16 32	8 0	8 1	8 5	11 44	7 0	W12
T 13	7 27	6 50	3 55	0 32	0 45	15 6	0 8	14 47	1 21	22 23	0 45	22 35	0 18	18 20	0 19	0s 0	1 18	0 31	16 32	8 0	8 0	8 3	11 44	7 0	T 13
F 14	7 50	2 18	2 54	0 25	0 59	15 31	0 5	14 36	1 22	22 22	0 45	22 35	0 18	18 20	0 19	0 1	1 18	0 31	16 32	8 0	7 59	8 2	11 45	6 59	F 14
S 15	8 12	2s23	1 40	0 24	1 12	15 56	0 3	14 25	1 23	22 22	0 45	22 35	0 18	18 20	0 19	0 2	1 18	0 32	16 32	8 0	7 58	8 0	11 45	6 59	S 15
S 16	8 34	6 55	0 21	0 27	1 23	16 20	0 0	14 13	1 23	22 22	0 45	22 35	0 17	18 19	0 19	0 3	1 18	0 32	16 33	8 0	7 56	7 58	11 46	6 58	S 16
M17	8 57	10 58	0n59	0 36	1 33	16 44	0s 3	14 2	1 24	22 22	0 45	22 35	0 17	18 18	0 19	0 3	1 18	0 32	16 33	8 0	7 55	7 56	11 46	6 58	M17
T 18	9 18	14 17	2 14	0 49	1 41	17 8	0 5	13 50	1 25	22 22	0 45	22 34	0 17	18 18	0 19	0 4	1 18	0 33	16 33	8 0	7 54	7 55	11 47	6 57	T 18
W19	9 40	16 43	3 18	1 6	1 48	17 31	0 8	13 39	1 25	22 22	0 45	22 34	0 17	18 17	0 19	0 5	1 18	0 33	16 33	8 0	7 53	7 53	11 47	6 57	W19
T 20	10 2	18 8	4 10	1 27	1 53	17 54	0 11	13 27	1 26	22 22	0 45	22 34	0 17	18 17	0 19	0 6	1 18	0 34	16 33	7 59	7 52	7 51	11 48	6 56	T 20
F 21	10 24	18 33	4 48	1 52	1 58	18 16	0 13	13 16	1 27	22 22	0 45	22 34	0 17	18 16	0 19	0 7	1 18	0 34	16 33	7 59	7 50	7 49	11 48	6 56	F 21
S 22	10 45	18 1	5 10	2 19	2 1	18 38	0 16	13 4	1 27	22 21	0 45	22 34	0 17	18 16	0 19	0 7	1 18	0 34	16 33	7 59	7 49	7 47	11 48	6 55	S 22
S 23	11 6	16 39	5 17	2 49	2 3	19 0	0 19	12 52	1 28	22 21	0 45	22 33	0 17	18 15	0 19	0 8	1 18	0 35	16 33	7 59	7 48	7 46	11 49	6 55	S 23
M24	11 27	14 33	5 10	3 22	2 3	19 20	0 22	12 41	1 29	22 21	0 45	22 33	0 17	18 15	0 19	0 9	1 18	0 35	16 33	7 59	7 47	7 44	11 49	6 54	M24
T 25	11 48	11 52	4 50	3 56	2 3	19 41	0 24	12 29	1 30	22 21	0 45	22 33	0 17	18 14	0 19	0 10	1 18	0 35	16 33	7 59	7 46	7 42	11 50	6 53	T 25
W26	12 9	8 43	4 17	4 31	2 2	20 0	0 27	12 17	1 30	22 21	0 45	22 33	0 16	18 14	0 19	0 11	1 18	0 36	16 33	7 59	7 45	7 40	11 50	6 53	W26
T 27	12 29	5 13	3 34	5 8	2 1	20 20	0 30	12 5	1 31	22 20	0 45	22 32	0 16	18 13	0 19	0 11	1 18	0 36	16 33	8 0	7 43	7 39	11 50	6 52	T 27
F 28	12 50	1 29	2 41	5 46	1 58	20 38	0 33	11 54	1 32	22 20	0 45	22 32	0 16	18 12	0 19	0 12	1 18	0 36	16 33	8 0	7 42	7 37	11 51	6 52	F 28
S 29	13 10	2n22	1 40	6 25	1 55	20 57	0 35	11 42	1 32	22 20	0 45	22 32	0 16	18 12	0 19	0 13	1 18	0 37	16 33	8 0	7 41	7 35	11 51	6 51	S 29
S 30	13 30	6 10	0 34	7 4	1 52	21 14	0 38	11 30	1 33	22 20	0 45	22 32	0 16	18 11	0 19	0 14	1 18	0 37	16 33	8 1	7 40	7 33	11 51	6 51	S 30
M31	13s49	9n47	0s35	7s44	1n48	21s31	0s41	11n18	1n34	22n19	0s45	22s31	0n16	18n11	0s19	0s14	1n18	0s37	16s33	8s 1	7s38	7s31	11s51	6n50	M31

Julian Day Number = 2490898.5, Delta T = 96.89 sec
Ecliptic obliquity = 23°25'23, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°14'45, Lahiri = 25°21'45

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ASTRODIENST EPHEMERIS for the year 2107
geocentric

NOVEMBER 2107 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 38 46	7♏56'26	9♉29	25♎55	4♐49	5♍ 5	20°R12	13♋ 5	22°R50	3♎39	11°R 6	20°R31	19♎29	1♓ 2	7♒ 8	T 1
W 2	2 42 42	8°56'22	22°25	27°34	6° 3	5°39	20♊ 8	13° 9	22♉48	3°41	11♉ 5	20♎29	19°26	1° 8	7° 9	W 2
T 3	2 46 39	9°56'20	5♊37	29°13	7°17	6°13	20° 3	13°14	22°45	3°43	11° 3	20°26	19°23	1°15	7°10	T 3
F 4	2 50 35	10°56'20	19° 2	0♏52	8°31	6°47	19°58	13°18	22°43	3°45	11° 2	20°23	19°20	1°22	7°12	F 4
S 5	2 54 32	11°56'22	2♋39	2°31	9°45	7°21	19°53	13°23	22°41	3°47	11° 1	20°20	19°17	1°29	7°13	S 5
S 6	2 58 28	12°56'26	16°27	4°11	10°59	7°54	19°48	13°27	22°38	3°48	11° 0	20°18	19°14	1°35	7°14	S 6
M 7	3 2 25	13°56'33	0♌24	5°50	12°13	8°28	19°43	13°32	22°36	3°50	10°59	20°16	19°10	1°42	7°16	M 7
T 8	3 6 22	14°56'41	14°29	7°29	13°26	9° 1	19°38	13°36	22°33	3°52	10°58	20°D15	19° 7	1°49	7°18	T 8
W 9	3 10 18	15°56'52	28°39	9° 7	14°40	9°35	19°32	13°41	22°31	3°54	10°57	20°16	19° 4	1°55	7°19	W 9
T 10	3 14 15	16°57'04	12♍54	10°46	15°54	10° 8	19°26	13°46	22°28	3°56	10°56	20°17	19° 1	2° 2	7°21	T 10
F 11	3 18 11	17°57'19	27°10	12°24	17° 8	10°41	19°20	13°51	22°26	3°57	10°54	20°19	18°58	2° 9	7°23	F 11
S 12	3 22 8	18°57'36	11♎26	14° 2	18°22	11°14	19°14	13°56	22°23	3°59	10°53	20°20	18°54	2°15	7°25	S 12
S 13	3 26 4	19°57'54	25°36	15°39	19°36	11°47	19° 8	14° 1	22°21	4° 1	10°52	20°R20	18°51	2°22	7°26	S 13
M14	3 30 1	20°58'15	9♏39	17°16	20°50	12°20	19° 2	14° 6	22°18	4° 2	10°51	20°19	18°48	2°29	7°28	M14
T 15	3 33 57	21°58'37	23°29	18°53	22° 4	12°53	18°55	14°11	22°16	4° 4	10°50	20°16	18°45	2°35	7°30	T 15
W16	3 37 54	22°59'01	7♐ 3	20°30	23°18	13°25	18°49	14°17	22°13	4° 6	10°49	20°11	18°42	2°42	7°33	W16
T 17	3 41 51	23°59'27	20°19	22° 6	24°31	13°58	18°42	14°22	22°11	4° 7	10°48	20° 6	18°39	2°49	7°35	T 17
F 18	3 45 47	24°59'54	3♑16	23°42	25°45	14°30	18°35	14°27	22° 8	4° 9	10°47	19°59	18°35	2°55	7°37	F 18
S 19	3 49 44	26° 0'22	15°53	25°18	26°59	15° 2	18°28	14°33	22° 6	4°10	10°46	19°54	18°32	3° 2	7°39	S 19
S 20	3 53 40	27° 0'52	28°14	26°53	28°13	15°34	18°21	14°38	22° 3	4°12	10°45	19°49	18°29	3° 9	7°42	S 20
M21	3 57 37	28° 1'23	10♒20	28°28	29°27	16° 6	18°14	14°44	22° 1	4°13	10°44	19°45	18°26	3°15	7°44	M21
T 22	4 1 33	29° 1'56	22°16	0♐ 3	0♑40	16°38	18° 7	14°49	21°58	4°15	10°42	19°43	18°23	3°22	7°46	T 22
W23	4 5 30	0♐ 2'29	4♓ 7	1°38	1°54	17°10	17°59	14°55	21°56	4°16	10°41	19°D43	18°20	3°29	7°49	W23
T 24	4 9 26	1° 3'04	15°58	3°13	3° 8	17°42	17°52	15° 1	21°54	4°18	10°40	19°44	18°16	3°36	7°52	T 24
F 25	4 13 23	2° 3'40	27°53	4°47	4°22	18°13	17°44	15° 7	21°51	4°19	10°39	19°46	18°13	3°42	7°54	F 25
S 26	4 17 20	3° 4'18	9♈58	6°21	5°35	18°44	17°37	15°12	21°49	4°20	10°38	19°47	18°10	3°49	7°57	S 26
S 27	4 21 16	4° 4'56	22°18	7°55	6°49	19°15	17°29	15°18	21°46	4°22	10°37	19°R48	18° 7	3°56	8° 0	S 27
M28	4 25 13	5° 5'36	4♉55	9°29	8° 2	19°46	17°21	15°24	21°44	4°23	10°36	19°46	18° 4	4° 2	8° 3	M28
T 29	4 29 9	6° 6'17	17°53	11° 3	9°16	20°17	17°13	15°30	21°41	4°24	10°35	19°43	18° 0	4° 9	8° 5	T 29
W30	4 33 6	7♐ 6'59	1♊10	12♐36	10♑30	20♍48	17♊ 5	15♑36	21♉39	4♎26	10♉34	19♎38	17♎57	4♓16	8♒ 8	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s 9	13n 1	1s43	8s24	1n43	21s48	0s43	11n 6	1n34	22n19	0s45	22s31	0n16	18n10	0s19	0s15	1n18	0s38	16s33	8s 0	7s37	7s30	11s52	6n50
W 2	14 28	15 40	2 47	9 4	1 39	22 4	0 46	10 54	1 35	22 19	0 45	22 31	0 16	18 10	0 19	0 16	1 18	0 38	16 33	8 0	7 36	7 28	11 52	6 49
T 3	14 47	17 33	3 44	9 44	1 34	22 19	0 49	10 42	1 36	22 18	0 45	22 30	0 16	18 9	0 19	0 17	1 18	0 38	16 33	7 59	7 35	7 26	11 52	6 49
F 4	15 6	18 30	4 29	10 24	1 28	22 33	0 51	10 31	1 36	22 18	0 45	22 30	0 16	18 8	0 19	0 17	1 18	0 39	16 33	7 58	7 34	7 24	11 52	6 48
S 5	15 24	18 24	5 0	11 3	1 22	22 47	0 54	10 19	1 37	22 18	0 45	22 30	0 15	18 8	0 19	0 18	1 18	0 39	16 33	7 57	7 32	7 22	11 52	6 48
S 6	15 43	17 13	5 14	11 42	1 16	23 1	0 57	10 7	1 38	22 17	0 45	22 29	0 15	18 7	0 19	0 19	1 19	0 39	16 33	7 56	7 31	7 21	11 52	6 47
M 7	16 1	15 0	5 10	12 21	1 10	23 13	0 59	9 55	1 39	22 17	0 45	22 29	0 15	18 6	0 19	0 19	1 19	0 40	16 33	7 55	7 30	7 19	11 53	6 47
T 8	16 19	11 54	4 47	12 59	1 4	23 25	1 2	9 43	1 39	22 17	0 45	22 29	0 15	18 6	0 19	0 20	1 19	0 40	16 33	7 55	7 29	7 17	11 53	6 46
W 9	16 36	8 4	4 7	13 37	0 58	23 36	1 4	9 31	1 40	22 16	0 44	22 28	0 15	18 5	0 19	0 21	1 19	0 40	16 33	7 55	7 28	7 15	11 53	6 46
T 10	16 53	3 46	3 11	14 14	0 51	23 47	1 7	9 19	1 41	22 16	0 44	22 28	0 15	18 5	0 19	0 21	1 19	0 40	16 33	7 55	7 26	7 13	11 53	6 45
F 11	17 10	0s46	2 4	14 50	0 44	23 57	1 9	9 7	1 41	22 15	0 44	22 27	0 15	18 4	0 19	0 22	1 19	0 41	16 33	7 56	7 25	7 12	11 53	6 45
S 12	17 27	5 16	0 49	15 26	0 38	24 6	1 12	8 55	1 42	22 15	0 44	22 27	0 15	18 3	0 19	0 23	1 19	0 41	16 33	7 56	7 24	7 10	11 53	6 44
S 13	17 43	9 27	0n29	16 1	0 31	24 15	1 14	8 43	1 43	22 15	0 44	22 27	0 15	18 3	0 19	0 23	1 19	0 41	16 33	7 56	7 23	7 8	11 53	6 44
M14	17 59	13 3	1 44	16 35	0 24	24 23	1 16	8 31	1 44	22 14	0 44	22 26	0 15	18 2	0 19	0 24	1 19	0 42	16 33	7 56	7 22	7 6	11 53	6 43
T 15	18 15	15 52	2 51	17 9	0 17	24 30	1 19	8 20	1 44	22 14	0 44	22 26	0 14	18 1	0 19	0 25	1 19	0 42	16 33	7 55	7 20	7 4	11 53	6 43
W16	18 30	17 44	3 48	17 41	0 11	24 36	1 21	8 8	1 45	22 13	0 44	22 25	0 14	18 1	0 19	0 25	1 19	0 42	16 33	7 53	7 19	7 3	11 53	6 43
T 17	18 45	18 34	4 31	18 13	0 4	24 42	1 23	7 56	1 46	22 13	0 44	22 25	0 14	18 0	0 19	0 26	1 19	0 42	16 33	7 51	7 18	7 1	11 53	6 42
F 18	19 0	18 25	4 58	18 44	0s 3	24 47	1 25	7 44	1 46	22 12	0 44	22 24	0 14	18 0	0 18	0 26	1 19	0 42	16 32	7 49	7 17	6 59	11 53	6 42
S 19	19 15	17 20	5 10	19 14	0 10	24 51	1 27	7 32	1 47	22 12	0 44	22 24	0 14	17 59	0 18	0 27	1 19	0 43	16 32	7 46	7 16	6 57	11 52	6 41
S 20	19 29	15 28	5 8	19 43	0 16	24 54	1 30	7 21	1 48	22 11	0 44	22 23	0 14	17 58	0 18	0 27	1 19	0 43	16 32	7 45	7 14	6 55	11 52	6 41
M21	19 42	12 57	4 51	20 11	0 23	24 57	1 32	7 9	1 49	22 10	0 44	22 23	0 14	17 58	0 18	0 28	1 19	0 43	16 32	7 43	7 13	6 54	11 52	6 40
T 22	19 56	9 56	4 23	20 38	0 29	24 59	1 34	6 57	1 49	22 10	0 44	22 22	0 14	17 57	0 18	0 29	1 19	0 43	16 32	7 43	7 12	6 52	11 52	6 40
W23	20 9	6 32	3 43	21 4	0 36	25 0	1 35	6 45	1 50	22 9	0 44	22 22	0 14	17 56	0 18	0 29	1 19	0 43	16 32	7 43	7 11	6 50	11 52	6 39
T 24	20 21	2 52	2 53	21 29	0 42	25 0	1 37	6 34	1 51	22 9	0 44	22 21	0 14	17 56	0 18	0 30	1 19	0 44	16 32	7 43	7 10	6 48	11 52	6 39
F 25	20 34	0n56	1 56	21 52	0 49	25 0	1 39	6 22	1 52	22 8	0 43	22 21	0 14	17 55	0 18	0 30	1 19	0 44	16 32	7 44	7 8	6 46	11 51	6 38
S 26	20 45	4 46	0 53	22 15	0 55	24 59	1 41	6 11	1 53	22 8	0 43	22 20	0 14	17 55	0 18	0 31	1 19	0 44	16 31	7 44	7 7	6 45	11 51	6 38
S 27	20 57	8 28	0s14	22 37	1 1	24 57	1 43	5 59	1 53	22 7	0 43	22 19	0 13	17 54	0 18	0 31	1 19	0 44	16 31	7 44	7 6	6 43	11 51	6 38
M28	21 8	11 53	1 21	22 57	1 7	24 55	1 44	5 48	1 54	22 6	0 43	22 19	0 13	17 53	0 18	0 32	1 19	0 44	16 31	7 44	7 5	6 41	11 51	6 37
T 29	21 19	14 49	2 26	23 17	1 12	24 51	1 46	5 36	1 55	22 6	0 43	22 18	0 13	17 53	0 18	0 32	1 19	0 44	16 31	7 42	7 4	6 39	11 50	6 37
W30	21s29	17n 3	3s24	23s35	1s18	24s47	1s47	5n25	1n56	22n 5	0s43	22s18	0n13	17n52	0s18	0s33	1n20	0s44	16s31	7s40	7s 2	6s37	11s50	6n36

Julian Day Number = 2490929.5, Delta T = 96.93 sec
Ecliptic obliquity = 23°25'22, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°14'49, Lahiri = 25°21'49

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ASTRODIENST EPHEMERIS for the year 2107
geocentric

DECEMBER 2107 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 37 2	8♐ 7'42	14♊47	14♐10	11♑43	21♍19	16°R57	15♑42	21°R37	4♎27	10°R33	19°R30	17♎54	4♓22	8♒11	T 1
F 2	4 40 59	9° 8'27	28°40	15°43	12°57	21°49	16♊49	15°48	21♉34	4°28	10♉32	19♎22	17°51	4°29	8°14	F 2
S 3	4 44 55	10° 9'13	12♋46	17°16	14°10	22°19	16°41	15°55	21°32	4°29	10°31	19°13	17°48	4°36	8°18	S 3
S 4	4 48 52	11°10'01	26°59	18°50	15°24	22°49	16°33	16° 1	21°30	4°30	10°30	19° 5	17°45	4°42	8°21	S 4
M 5	4 52 49	12°10'50	11♌15	20°23	16°37	23°19	16°25	16° 7	21°27	4°31	10°29	18°59	17°41	4°49	8°24	M 5
T 6	4 56 45	13°11'40	25°30	21°56	17°50	23°49	16°17	16°13	21°25	4°32	10°28	18°56	17°38	4°56	8°27	T 6
W 7	5 0 42	14°12'32	9♍40	23°29	19° 4	24°19	16° 9	16°20	21°23	4°34	10°28	18°D54	17°35	5° 2	8°31	W 7
T 8	5 4 38	15°13'25	23°45	25° 2	20°17	24°48	16° 0	16°26	21°21	4°35	10°27	18°54	17°32	5° 9	8°34	T 8
F 9	5 8 35	16°14'19	7♎44	26°35	21°30	25°18	15°52	16°33	21°18	4°36	10°26	18°55	17°29	5°16	8°37	F 9
S 10	5 12 31	17°15'15	21°35	28° 8	22°44	25°47	15°44	16°39	21°16	4°36	10°25	18°R56	17°26	5°22	8°41	S 10
S 11	5 16 28	18°16'12	5♏18	29°41	23°57	26°16	15°36	16°46	21°14	4°37	10°24	18°54	17°22	5°29	8°44	S 11
M12	5 20 24	19°17'10	18°53	1♑13	25°10	26°44	15°28	16°52	21°12	4°38	10°23	18°51	17°19	5°36	8°48	M12
T 13	5 24 21	20°18'09	2♐19	2°46	26°23	27°13	15°20	16°59	21°10	4°39	10°22	18°44	17°16	5°43	8°51	T 13
W14	5 28 18	21°19'09	15°33	4°18	27°36	27°41	15°11	17° 5	21° 8	4°40	10°21	18°35	17°13	5°49	8°55	W14
T 15	5 32 14	22°20'10	28°33	5°50	28°49	28° 9	15° 3	17°12	21° 6	4°41	10°21	18°24	17°10	5°56	8°59	T 15
F 16	5 36 11	23°21'12	11♑19	7°22	0♒ 3	28°37	14°55	17°19	21° 4	4°41	10°20	18°11	17° 6	6° 3	9° 3	F 16
S 17	5 40 7	24°22'15	23°50	8°54	1°16	29° 5	14°47	17°25	21° 2	4°42	10°19	17°59	17° 3	6° 9	9° 6	S 17
S 18	5 44 4	25°23'18	6♒ 7	10°25	2°29	29°32	14°39	17°32	21° 0	4°43	10°18	17°48	17° 0	6°16	9°10	S 18
M19	5 48 0	26°24'22	18°11	11°56	3°41	29°59	14°32	17°39	20°58	4°44	10°18	17°39	16°57	6°23	9°14	M19
T 20	5 51 57	27°25'26	0♓ 6	13°26	4°54	0♎27	14°24	17°46	20°56	4°44	10°17	17°33	16°54	6°29	9°18	T 20
W21	5 55 53	28°26'30	11°55	14°55	6° 7	0°54	14°16	17°53	20°54	4°45	10°16	17°29	16°51	6°36	9°22	W21
T 22	5 59 50	29°27'35	23°44	16°23	7°20	1°20	14° 8	17°59	20°52	4°45	10°15	17°28	16°47	6°43	9°26	T 22
F 23	6 3 47	0♑28'40	5♈37	17°51	8°33	1°47	14° 1	18° 6	20°51	4°46	10°15	17°D28	16°44	6°49	9°30	F 23
S 24	6 7 43	1°29'46	17°41	19°17	9°45	2°13	13°53	18°13	20°49	4°46	10°14	17°R28	16°41	6°56	9°34	S 24
S 25	6 11 40	2°30'51	29°59	20°41	10°58	2°39	13°46	18°20	20°47	4°47	10°14	17°27	16°38	7° 3	9°38	S 25
M26	6 15 36	3°31'57	12♉39	22° 4	12°10	3° 4	13°39	18°27	20°46	4°47	10°13	17°25	16°35	7° 9	9°42	M26
T 27	6 19 33	4°33'03	25°43	23°24	13°23	3°30	13°32	18°34	20°44	4°48	10°12	17°20	16°32	7°16	9°46	T 27
W28	6 23 29	5°34'10	9♊13	24°42	14°35	3°55	13°25	18°41	20°42	4°48	10°12	17°12	16°28	7°23	9°51	W28
T 29	6 27 26	6°35'16	23° 8	25°57	15°48	4°20	13°18	18°48	20°41	4°48	10°11	17° 1	16°25	7°29	9°55	T 29
F 30	6 31 23	7°36'23	7♋25	27° 8	17° 0	4°45	13°11	18°55	20°39	4°48	10°11	16°50	16°22	7°36	9°59	F 30
S 31	6 35 19	8♑37'30	21♋58	28♑15	18♒12	5♎ 9	13♊ 4	19♑ 2	20♉38	4♎49	10♉10	16♎37	16♎19	7♓43	10♒ 3	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s39	18n22	4s13	23s52	1s23	24s43	1s49	5n14	1n56	22n 4	0s43	22s17	0n13	17n52	0s18	0s33	1n20	0s45	16s31	7s38	7s 1	6s36	11s50	6n36
F 2	21 48	18 38	4 47	24 7	1 28	24 37	1 50	5 2	1 57	22 4	0 43	22 16	0 13	17 51	0 18	0 33	1 20	0 45	16 30	7 34	7 0	6 34	11 49	6 35
S 3	21 57	17 45	5 5	24 22	1 33	24 31	1 51	4 51	1 58	22 3	0 43	22 16	0 13	17 50	0 18	0 34	1 20	0 45	16 30	7 31	6 59	6 32	11 49	6 35
S 4	22 6	15 47	5 4	24 35	1 38	24 24	1 53	4 40	1 59	22 2	0 43	22 15	0 13	17 50	0 18	0 34	1 20	0 45	16 30	7 28	6 57	6 30	11 48	6 35
M 5	22 14	12 50	4 44	24 47	1 43	24 16	1 54	4 29	2 0	22 2	0 42	22 14	0 13	17 49	0 18	0 35	1 20	0 45	16 30	7 26	6 56	6 28	11 48	6 34
T 6	22 22	9 8	4 7	24 58	1 47	24 8	1 55	4 18	2 0	22 1	0 42	22 14	0 13	17 49	0 18	0 35	1 20	0 45	16 30	7 25	6 55	6 26	11 48	6 34
W 7	22 29	4 56	3 14	25 7	1 51	23 59	1 56	4 7	2 1	22 0	0 42	22 13	0 13	17 48	0 18	0 35	1 20	0 45	16 29	7 24	6 54	6 25	11 47	6 33
T 8	22 36	0 29	2 11	25 15	1 55	23 49	1 57	3 56	2 2	21 59	0 42	22 12	0 12	17 47	0 18	0 36	1 20	0 45	16 29	7 24	6 53	6 23	11 47	6 33
F 9	22 43	3s59	1 0	25 22	1 59	23 38	1 58	3 45	2 3	21 59	0 42	22 12	0 12	17 47	0 18	0 36	1 20	0 45	16 29	7 24	6 51	6 21	11 46	6 33
S 10	22 49	8 11	0n14	25 27	2 2	23 27	1 58	3 34	2 4	21 58	0 42	22 11	0 12	17 46	0 18	0 36	1 20	0 45	16 29	7 24	6 50	6 19	11 46	6 32
S 11	22 54	11 55	1 26	25 31	2 5	23 15	1 59	3 23	2 5	21 57	0 42	22 10	0 12	17 46	0 18	0 37	1 20	0 45	16 29	7 24	6 49	6 17	11 45	6 32
M12	22 59	14 59	2 33	25 33	2 8	23 3	2 0	3 13	2 5	21 57	0 41	22 9	0 12	17 45	0 18	0 37	1 20	0 45	16 28	7 23	6 48	6 16	11 45	6 32
T 13	23 4	17 11	3 30	25 34	2 10	22 49	2 0	3 2	2 6	21 56	0 41	22 9	0 12	17 45	0 18	0 37	1 20	0 45	16 28	7 20	6 47	6 14	11 44	6 31
W14	23 8	18 25	4 14	25 33	2 12	22 36	2 0	2 52	2 7	21 55	0 41	22 8	0 12	17 44	0 18	0 38	1 20	0 45	16 28	7 17	6 45	6 12	11 43	6 31
T 15	23 12	18 40	4 45	25 31	2 14	22 21	2 1	2 41	2 8	21 54	0 41	22 7	0 12	17 44	0 18	0 38	1 20	0 45	16 28	7 12	6 44	6 10	11 43	6 31
F 16	23 15	17 57	5 0	25 28	2 15	22 6	2 1	2 31	2 9	21 54	0 41	22 6	0 12	17 43	0 18	0 38	1 20	0 45	16 27	7 8	6 43	6 8	11 42	6 30
S 17	23 18	16 23	5 1	25 23	2 16	21 50	2 1	2 21	2 10	21 53	0 41	22 6	0 12	17 43	0 18	0 38	1 20	0 45	16 27	7 3	6 42	6 7	11 41	6 30
S 18	23 21	14 5	4 48	25 17	2 16	21 34	2 1	2 11	2 10	21 52	0 41	22 5	0 12	17 42	0 18	0 39	1 20	0 45	16 27	6 59	6 40	6 5	11 41	6 30
M19	23 22	11 13	4 21	25 9	2 16	21 17	2 1	2 1	2 11	21 51	0 40	22 4	0 12	17 42	0 18	0 39	1 20	0 45	16 27	6 55	6 39	6 3	11 40	6 29
T 20	23 24	7 56	3 44	24 59	2 15	20 59	2 1	1 51	2 12	21 51	0 40	22 3	0 12	17 41	0 18	0 39	1 21	0 45	16 26	6 53	6 38	6 1	11 39	6 29
W21	23 25	4 21	2 57	24 49	2 14	20 41	2 1	1 41	2 13	21 50	0 40	22 2	0 11	17 41	0 18	0 39	1 21	0 45	16 26	6 52	6 37	5 59	11 39	6 29
T 22	23 25	0 37	2 3	24 36	2 12	20 22	2 1	1 31	2 14	21 49	0 40	22 2	0 11	17 40	0 18	0 39	1 21	0 45	16 26	6 51	6 36	5 57	11 38	6 28
F 23	23 25	3n11	1 3	24 23	2 10	20 3	2 0	1 21	2 15	21 49	0 40	22 1	0 11	17 40	0 18	0 39	1 21	0 45	16 25	6 51	6 34	5 56	11 37	6 28
S 24	23 25	6 55	0s 1	24 8	2 7	19 43	2 0	1 12	2 16	21 48	0 40	22 0	0 11	17 39	0 18	0 40	1 21	0 45	16 25	6 51	6 33	5 54	11 37	6 28
S 25	23 24	10 26	1 6	23 51	2 3	19 23	1 59	1 2	2 17	21 47	0 39	21 59	0 11	17 39	0 18	0 40	1 21	0 45	16 25	6 51	6 32	5 52	11 36	6 27
M26	23 23	13 34	2 9	23 34	1 58	19 2	1 58	0 53	2 18	21 46	0 39	21 58	0 11	17 39	0 18	0 40	1 21	0 45	16 25	6 50	6 31	5 50	11 35	6 27
T 27	23 21	16 8	3 8	23 15	1 53	18 40	1 58	0 44	2 18	21 46	0 39	21 57	0 11	17 38	0 18	0 40	1 21	0 45	16 24	6 48	6 30	5 48	11 34	6 27
W28	23 18	17 54	3 58	22 55	1 47	18 18	1 57	0 35	2 19	21 45	0 39	21 56	0 11	17 38	0 18	0 40	1 21	0 45	16 24	6 45	6 28	5 47	11 33	6 27
T 29	23 16	18 40	4 35	22 35	1 40	17 56	1 56	0 26	2 20	21 44	0 39	21 56	0 11	17 37	0 18	0 40	1 21	0 44	16 24	6 41	6 27	5 45	11 32	6 26
F 30	23 12	18 17	4 57	22 13	1 32	17 33	1 55	0 17	2 21	21 44	0 38	21 55	0 11	17 37	0 18	0 40	1 21	0 44	16 23	6 36	6 26	5 43	11 32	6 26
S 31	23s 9	16n42	4s59	21s51	1s22	17s10	1s54	0n 8	2n22	21n43	0s38	21s54	0n11	17n37	0s18	0s40	1n21	0s44	16s23	6s32	6s25	5s41	11s31	6n26

Julian Day Number = 2490959.5, Delta T = 96.97 sec
Ecliptic obliquity = 23°25'22, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°14'53, Lahiri = 25°21'53

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ASTRODIENST EPHEMERIS for the year 2108
geocentric

JANUARY 2108 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 39 16	9♑38'37	6♌41	29♑17	19♒24	5♎33	12°R58	19♑ 9	20°R36	4♎49	10°R10	16°R26	16♎16	7♓49	10♒ 8	S 1
M 2	6 43 12	10°39'45	21°24	0♒13	20°36	5°57	12♊51	19°16	20♉35	4°49	10♉ 9	16♎17	16°12	7°56	10°12	M 2
T 3	6 47 9	11°40'53	6♍ 0	1° 4	21°48	6°20	12°45	19°23	20°34	4°49	10° 9	16°11	16° 9	8° 3	10°16	T 3
W 4	6 51 5	12°42'01	20°25	1°47	23° 0	6°44	12°39	19°30	20°33	4°49	10° 8	16° 7	16° 6	8° 9	10°21	W 4
T 5	6 55 2	13°43'10	4♎36	2°21	24°12	7° 7	12°33	19°37	20°31	4°49	10° 8	16° 6	16° 3	8°16	10°25	T 5
F 6	6 58 58	14°44'19	18°31	2°47	25°23	7°29	12°27	19°44	20°30	4°49	10° 7	16° 6	16° 0	8°23	10°30	F 6
S 7	7 2 55	15°45'28	2♏10	3° 3	26°35	7°52	12°21	19°52	20°29	4°R49	10° 7	16° 6	15°57	8°29	10°34	S 7
S 8	7 6 52	16°46'38	15°37	3°R 8	27°47	8°13	12°16	19°59	20°28	4°49	10° 7	16° 4	15°53	8°36	10°39	S 8
M 9	7 10 48	17°47'48	28°50	3° 2	28°58	8°35	12°10	20° 6	20°27	4°49	10° 6	15°59	15°50	8°43	10°43	M 9
T 10	7 14 45	18°48'57	11♐52	2°44	0♓ 9	8°56	12° 5	20°13	20°26	4°49	10° 6	15°51	15°47	8°49	10°48	T 10
W11	7 18 41	19°50'07	24°44	2°14	1°21	9°17	12° 0	20°20	20°25	4°49	10° 6	15°40	15°44	8°56	10°52	W11
T 12	7 22 38	20°51'17	7♑25	1°33	2°32	9°38	11°55	20°27	20°24	4°49	10° 5	15°27	15°41	9° 3	10°57	T 12
F 13	7 26 34	21°52'27	19°54	0°40	3°43	9°58	11°50	20°34	20°23	4°49	10° 5	15°12	15°38	9° 9	11° 2	F 13
S 14	7 30 31	22°53'37	2♒13	29♑39	4°54	10°18	11°46	20°41	20°22	4°49	10° 5	14°58	15°34	9°16	11° 6	S 14
S 15	7 34 27	23°54'46	14°22	28°29	6° 5	10°38	11°42	20°48	20°22	4°48	10° 5	14°45	15°31	9°23	11°11	S 15
M16	7 38 24	24°55'54	26°21	27°14	7°15	10°57	11°38	20°56	20°21	4°48	10° 4	14°34	15°28	9°29	11°16	M16
T 17	7 42 21	25°57'02	8♓13	25°56	8°26	11°15	11°34	21° 3	20°20	4°48	10° 4	14°25	15°25	9°36	11°20	T 17
W18	7 46 17	26°58'10	20° 0	24°37	9°36	11°34	11°30	21°10	20°20	4°47	10° 4	14°20	15°22	9°43	11°25	W18
T 19	7 50 14	27°59'17	1♈47	23°19	10°47	11°51	11°26	21°17	20°19	4°47	10° 4	14°18	15°18	9°50	11°30	T 19
F 20	7 54 10	29° 0'23	13°38	22° 6	11°57	12° 9	11°23	21°24	20°19	4°46	10° 4	14°D17	15°15	9°56	11°34	F 20
S 21	7 58 7	0♒ 1'28	25°39	20°58	13° 7	12°26	11°20	21°31	20°18	4°46	10° 4	14°R17	15°12	10° 3	11°39	S 21
S 22	8 2 3	1° 2'33	7♉54	19°58	14°17	12°42	11°17	21°38	20°18	4°45	10° 4	14°17	15° 9	10°10	11°44	S 22
M23	8 6 0	2° 3'36	20°30	19° 5	15°27	12°58	11°14	21°45	20°18	4°45	10° 4	14°15	15° 6	10°16	11°49	M23
T 24	8 9 56	3° 4'39	3♊31	18°22	16°37	13°14	11°11	21°52	20°17	4°44	10°D 4	14°12	15° 3	10°23	11°53	T 24
W25	8 13 53	4° 5'41	17° 0	17°48	17°46	13°29	11° 9	21°59	20°17	4°44	10° 4	14° 5	14°59	10°30	11°58	W25
T 26	8 17 50	5° 6'42	0♋59	17°24	18°55	13°44	11° 7	22° 6	20°17	4°43	10° 4	13°57	14°56	10°36	12° 3	T 26
F 27	8 21 46	6° 7'42	15°25	17° 8	20° 5	13°58	11° 5	22°13	20°17	4°42	10° 4	13°46	14°53	10°43	12° 8	F 27
S 28	8 25 43	7° 8'41	0♌14	17°D 1	21°14	14°12	11° 3	22°20	20°17	4°42	10° 4	13°36	14°50	10°50	12°13	S 28
S 29	8 29 39	8° 9'39	15°17	17° 2	22°22	14°25	11° 2	22°27	20°D17	4°41	10° 4	13°26	14°47	10°56	12°17	S 29
M30	8 33 36	9°10'36	0♍24	17°11	23°31	14°38	11° 0	22°34	20°17	4°40	10° 4	13°17	14°44	11° 3	12°22	M30
T 31	8 37 32	10♒11'33	15♍25	17♑27	24♓40	14♎50	10♊59	22♑41	20♉17	4♎40	10♉ 4	13♎12	14♎40	11♓10	12♒27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 4	14n 2	4s42	21s28	1s12	16s46	1s52	0s 1	2n23	21n43	0s38	21s53	0n11	17n36	0s18	0s40	1n21	0s44	16s23	6s27	6s23	5s39	11s30	6n26
M 2	23 0	10 28	4 7	21 5	1 1	16 22	1 51	0 9	2 24	21 42	0 38	21 52	0 11	17 36	0 18	0 40	1 21	0 44	16 22	6 24	6 22	5 37	11 29	6 25
T 3	22 55	6 17	3 15	20 42	0 49	15 57	1 49	0 18	2 25	21 41	0 38	21 51	0 10	17 36	0 18	0 40	1 21	0 44	16 22	6 22	6 21	5 36	11 28	6 25
W 4	22 49	1 47	2 11	20 19	0 35	15 32	1 48	0 26	2 26	21 41	0 37	21 50	0 10	17 35	0 18	0 40	1 21	0 44	16 22	6 20	6 20	5 34	11 27	6 25
T 5	22 43	2s45	1 0	19 57	0 21	15 7	1 46	0 34	2 27	21 40	0 37	21 49	0 10	17 35	0 18	0 40	1 21	0 43	16 21	6 20	6 19	5 32	11 26	6 25
F 6	22 37	7 3	0n13	19 36	0 5	14 41	1 44	0 42	2 28	21 40	0 37	21 48	0 10	17 35	0 18	0 40	1 21	0 43	16 21	6 20	6 17	5 30	11 25	6 24
S 7	22 30	10 54	1 24	19 16	0n12	14 15	1 43	0 50	2 29	21 39	0 37	21 47	0 10	17 34	0 18	0 40	1 21	0 43	16 21	6 20	6 16	5 28	11 24	6 24
S 8	22 22	14 7	2 29	18 58	0 29	13 49	1 41	0 58	2 30	21 39	0 37	21 46	0 10	17 34	0 18	0 40	1 22	0 43	16 21	6 19	6 15	5 27	11 23	6 24
M 9	22 14	16 33	3 25	18 42	0 48	13 22	1 38	1 5	2 31	21 38	0 36	21 45	0 10	17 34	0 18	0 40	1 22	0 43	16 20	6 17	6 14	5 25	11 22	6 24
T 10	22 6	18 4	4 10	18 27	1 7	12 55	1 36	1 13	2 32	21 38	0 36	21 44	0 10	17 34	0 18	0 40	1 22	0 42	16 20	6 14	6 12	5 23	11 21	6 24
W11	21 57	18 39	4 40	18 15	1 26	12 27	1 34	1 20	2 33	21 37	0 36	21 43	0 10	17 33	0 18	0 40	1 22	0 42	16 20	6 10	6 11	5 21	11 20	6 24
T 12	21 48	18 16	4 57	18 6	1 45	11 59	1 32	1 27	2 34	21 37	0 36	21 42	0 10	17 33	0 18	0 40	1 22	0 42	16 19	6 5	6 10	5 19	11 19	6 23
F 13	21 39	17 1	4 59	17 59	2 3	11 31	1 29	1 34	2 35	21 36	0 36	21 41	0 10	17 33	0 18	0 40	1 22	0 42	16 19	5 59	6 9	5 17	11 18	6 23
S 14	21 29	15 0	4 47	17 55	2 21	11 3	1 27	1 41	2 36	21 36	0 35	21 40	0 10	17 33	0 18	0 39	1 22	0 41	16 18	5 53	6 8	5 16	11 17	6 23
S 15	21 18	12 20	4 21	17 53	2 37	10 35	1 24	1 48	2 37	21 36	0 35	21 39	0 10	17 33	0 17	0 39	1 22	0 41	16 18	5 48	6 6	5 14	11 16	6 23
M16	21 8	9 12	3 45	17 54	2 51	10 6	1 21	1 54	2 38	21 35	0 35	21 38	0 10	17 33	0 17	0 39	1 22	0 41	16 18	5 44	6 5	5 12	11 15	6 23
T 17	20 57	5 43	2 59	17 56	3 3	9 37	1 18	2 1	2 39	21 35	0 35	21 37	0 9	17 32	0 17	0 39	1 22	0 40	16 17	5 41	6 4	5 10	11 14	6 23
W18	20 45	2 2	2 5	18 1	3 13	9 7	1 15	2 7	2 40	21 35	0 34	21 36	0 9	17 32	0 17	0 39	1 22	0 40	16 17	5 39	6 3	5 8	11 13	6 22
T 19	20 33	1n43	1 6	18 7	3 21	8 38	1 12	2 13	2 41	21 34	0 34	21 35	0 9	17 32	0 17	0 39	1 22	0 40	16 17	5 38	6 1	5 6	11 11	6 22
F 20	20 21	5 26	0 3	18 14	3 25	8 8	1 9	2 19	2 42	21 34	0 34	21 34	0 9	17 32	0 17	0 38	1 22	0 40	16 16	5 38	6 0	5 5	11 10	6 22
S 21	20 8	8 58	1s 0	18 22	3 28	7 38	1 6	2 24	2 43	21 34	0 34	21 33	0 9	17 32	0 17	0 38	1 22	0 39	16 16	5 38	5 59	5 3	11 9	6 22
S 22	19 55	12 12	2 2	18 31	3 28	7 8	1 2	2 30	2 44	21 34	0 34	21 32	0 9	17 32	0 17	0 38	1 22	0 39	16 16	5 38	5 58	5 1	11 8	6 22
M23	19 41	14 58	3 0	18 40	3 26	6 38	0 59	2 35	2 45	21 34	0 33	21 31	0 9	17 32	0 17	0 38	1 22	0 39	16 15	5 37	5 57	4 59	11 7	6 22
T 24	19 27	17 4	3 50	18 50	3 22	6 8	0 55	2 40	2 46	21 33	0 33	21 30	0 9	17 32	0 17	0 37	1 22	0 38	16 15	5 36	5 55	4 57	11 6	6 22
W25	19 13	18 18	4 30	19 0	3 16	5 37	0 52	2 45	2 47	21 33	0 33	21 29	0 9	17 32	0 17	0 37	1 22	0 38	16 15	5 33	5 54	4 55	11 4	6 22
T 26	18 59	18 30	4 55	19 10	3 9	5 7	0 48	2 50	2 48	21 33	0 33	21 28	0 9	17 32	0 17	0 37	1 22	0 38	16 14	5 30	5 53	4 54	11 3	6 22
F 27	18 44	17 31	5 3	19 20	3 1	4 36	0 44	2 54	2 49	21 33	0 32	21 27	0 9	17 32	0 17	0 36	1 22	0 37	16 14	5 26	5 52	4 52	11 2	6 22
S 28	18 28	15 21	4 50	19 30	2 52	4 5	0 40	2 59	2 50	21 33	0 32	21 26	0 9	17 32	0 17	0 36	1 23	0 37	16 14	5 22	5 50	4 50	11 1	6 22
S 29	18 13	12 8	4 18	19 39	2 43	3 35	0 36	3 3	2 51	21 33	0 32	21 25	0 9	17 32	0 17	0 36	1 23	0 37	16 13	5 18	5 49	4 48	10 59	6 21
M30	17 57	8 6	3 27	19 48	2 32	3 4	0 32	3 7	2 53	21 33	0 32	21 24	0 9	17 32	0 17	0 35	1 23	0 36	16 13	5 15	5 48	4 46	10 58	6 21
T 31	17s41	3n33	2s22	19s56	2n22	2s33	0s28	3s10	2n54	21n33	0s32	21s23	0n 8	17n32	0s17	0s35	1n23	0s36	16s13	5s12	5s47	4s44	10s57	6n21

Julian Day Number = 2490990.5, Delta T = 97.01 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°14'57, Lahiri = 25°21'58

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ASTRODIENST EPHEMERIS for the year 2108
geocentric

FEBRUARY 2108 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 41 29	11♒12'29	0♎12	17♑50	25♓48	15♎ 2	10°R58	22♑48	20♉17	4°R39	10♉ 4	13°R 9	14♎37	11♓16	12♒32	W 1
T 2	8 45 25	12°13'24	14°40	18°18	26°56	15°13	10♊57	22°55	20°17	4♎38	10° 4	13°D 8	14°34	11°23	12°37	T 2
F 3	8 49 22	13°14'18	28°46	18°52	28° 4	15°23	10°57	23° 2	20°17	4°37	10° 5	13♎ 9	14°31	11°30	12°41	F 3
S 4	8 53 19	14°15'12	12♏29	19°30	29°12	15°33	10°56	23° 8	20°18	4°36	10° 5	13°R10	14°28	11°36	12°46	S 4
S 5	8 57 15	15°16'05	25°52	20°14	0♈19	15°43	10°D56	23°15	20°18	4°35	10° 5	13° 9	14°24	11°43	12°51	S 5
M 6	9 1 12	16°16'57	8♐56	21° 1	1°27	15°52	10°56	23°22	20°18	4°34	10° 5	13° 6	14°21	11°50	12°56	M 6
T 7	9 5 8	17°17'48	21°45	21°52	2°34	16° 0	10°57	23°29	20°19	4°33	10° 6	13° 1	14°18	11°56	13° 1	T 7
W 8	9 9 5	18°18'39	4♑20	22°47	3°41	16° 7	10°57	23°35	20°19	4°32	10° 6	12°54	14°15	12° 3	13° 5	W 8
T 9	9 13 1	19°19'29	16°44	23°44	4°47	16°14	10°58	23°42	20°20	4°31	10° 6	12°45	14°12	12°10	13°10	T 9
F 10	9 16 58	20°20'17	28°58	24°45	5°54	16°20	10°59	23°49	20°21	4°30	10° 7	12°34	14° 9	12°16	13°15	F 10
S 11	9 20 54	21°21'04	11♒ 4	25°48	7° 0	16°26	11° 0	23°55	20°21	4°29	10° 7	12°24	14° 5	12°23	13°20	S 11
S 12	9 24 51	22°21'50	23° 2	26°53	8° 6	16°31	11° 1	24° 2	20°22	4°28	10° 7	12°14	14° 2	12°30	13°24	S 12
M13	9 28 48	23°22'35	4♓55	28° 1	9°11	16°35	11° 3	24° 8	20°23	4°27	10° 8	12° 6	13°59	12°36	13°29	M13
T 14	9 32 44	24°23'18	16°44	29°11	10°17	16°39	11° 4	24°15	20°23	4°26	10° 8	12° 0	13°56	12°43	13°34	T 14
W15	9 36 41	25°24'00	28°31	0♒22	11°22	16°42	11° 6	24°21	20°24	4°24	10° 9	11°57	13°53	12°50	13°39	W15
T 16	9 40 37	26°24'40	10♈19	1°36	12°27	16°44	11° 8	24°28	20°25	4°23	10° 9	11°D56	13°49	12°56	13°43	T 16
F 17	9 44 34	27°25'19	22°11	2°51	13°31	16°45	11°10	24°34	20°26	4°22	10°10	11°57	13°46	13° 3	13°48	F 17
S 18	9 48 30	28°25'56	4♉12	4° 7	14°36	16°R46	11°13	24°40	20°27	4°21	10°10	11°58	13°43	13°10	13°53	S 18
S 19	9 52 27	29°26'32	16°26	5°26	15°40	16°46	11°16	24°47	20°28	4°19	10°11	11°59	13°40	13°16	13°57	S 19
M20	9 56 23	0♓27'05	28°58	6°45	16°43	16°45	11°18	24°53	20°30	4°18	10°11	12°R 0	13°37	13°23	14° 2	M20
T 21	10 0 20	1°27'37	11♊53	8° 6	17°47	16°44	11°22	24°59	20°31	4°17	10°12	12° 0	13°34	13°30	14° 7	T 21
W22	10 4 16	2°28'07	25°14	9°28	18°50	16°41	11°25	25° 5	20°32	4°16	10°12	11°57	13°30	13°36	14°11	W22
T 23	10 8 13	3°28'36	9♋ 5	10°52	19°52	16°38	11°28	25°11	20°33	4°14	10°13	11°53	13°27	13°43	14°16	T 23
F 24	10 12 10	4°29'02	23°24	12°17	20°55	16°34	11°32	25°17	20°35	4°13	10°14	11°48	13°24	13°50	14°21	F 24
S 25	10 16 6	5°29'27	8♌10	13°42	21°56	16°30	11°36	25°23	20°36	4°11	10°14	11°43	13°21	13°56	14°25	S 25
S 26	10 20 3	6°29'50	23°15	15° 9	22°58	16°25	11°40	25°29	20°37	4°10	10°15	11°37	13°18	14° 3	14°30	S 26
M27	10 23 59	7°30'11	8♍30	16°37	23°59	16°19	11°44	25°35	20°39	4° 9	10°16	11°33	13°15	14°10	14°34	M27
T 28	10 27 56	8°30'30	23°45	18° 7	25° 0	16°12	11°48	25°41	20°40	4° 7	10°17	11°30	13°11	14°16	14°39	T 28
W29	10 31 52	9♓30'48	8♎50	19♒37	26♈ 0	16♎ 4	11♊53	25♑47	20♉42	4♎ 6	10♉17	11°D29	13♎ 8	14♓23	14♒43	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s24	1s 8	1s 9	20s 4	2n11	2s 2	0s24	3s14	2n55	21n33	0s31	21s22	0n 8	17n32	0s17	0s35	1n23	0s35	16s12	5s11	5s45	4s43	10s56	6n21
T 2	17 7	5 39	0n 8	20 11	2 0	1 31	0 19	3 17	2 56	21 33	0 31	21 20	0 8	17 32	0 17	0 34	1 23	0 35	16 12	5 11	5 44	4 41	10 54	6 21
F 3	16 50	9 44	1 23	20 18	1 49	1 0	0 15	3 20	2 57	21 34	0 31	21 19	0 8	17 32	0 17	0 34	1 23	0 35	16 11	5 11	5 43	4 39	10 53	6 21
S 4	16 33	13 11	2 30	20 23	1 38	0 29	0 10	3 23	2 58	21 34	0 31	21 18	0 8	17 32	0 17	0 34	1 23	0 34	16 11	5 12	5 42	4 37	10 52	6 21
S 5	16 15	15 50	3 28	20 28	1 27	0n 3	0 6	3 26	2 59	21 34	0 30	21 17	0 8	17 32	0 17	0 33	1 23	0 34	16 11	5 11	5 41	4 35	10 50	6 21
M 6	15 57	17 36	4 13	20 32	1 16	0 34	0 1	3 28	3 0	21 34	0 30	21 16	0 8	17 32	0 17	0 33	1 23	0 33	16 10	5 10	5 39	4 33	10 49	6 21
T 7	15 38	18 25	4 45	20 34	1 5	1 5	0n 4	3 30	3 1	21 34	0 30	21 15	0 8	17 32	0 17	0 32	1 23	0 33	16 10	5 8	5 38	4 32	10 48	6 21
W 8	15 20	18 19	5 2	20 36	0 55	1 36	0 9	3 32	3 2	21 35	0 30	21 14	0 8	17 33	0 17	0 32	1 23	0 33	16 10	5 5	5 37	4 30	10 47	6 21
T 9	15 1	17 20	5 5	20 37	0 44	2 7	0 14	3 34	3 3	21 35	0 30	21 13	0 8	17 33	0 17	0 31	1 23	0 32	16 9	5 2	5 36	4 28	10 45	6 21
F 10	14 42	15 34	4 53	20 36	0 34	2 38	0 19	3 35	3 4	21 35	0 29	21 12	0 8	17 33	0 17	0 31	1 23	0 32	16 9	4 58	5 34	4 26	10 44	6 21
S 11	14 22	13 8	4 29	20 34	0 24	3 8	0 24	3 36	3 5	21 36	0 29	21 11	0 8	17 33	0 17	0 31	1 23	0 31	16 9	4 54	5 33	4 24	10 43	6 21
S 12	14 3	10 10	3 53	20 32	0 14	3 39	0 29	3 37	3 6	21 36	0 29	21 10	0 8	17 33	0 17	0 30	1 23	0 31	16 8	4 50	5 32	4 22	10 41	6 21
M13	13 43	6 49	3 6	20 28	0 5	4 10	0 34	3 38	3 7	21 37	0 29	21 9	0 8	17 34	0 17	0 30	1 23	0 30	16 8	4 47	5 31	4 21	10 40	6 21
T 14	13 23	3 12	2 12	20 23	0s 4	4 40	0 40	3 39	3 8	21 37	0 29	21 8	0 8	17 34	0 17	0 29	1 23	0 30	16 8	4 45	5 29	4 19	10 38	6 21
W15	13 3	0n31	1 12	20 16	0 13	5 11	0 45	3 39	3 9	21 37	0 28	21 7	0 7	17 34	0 17	0 29	1 23	0 30	16 7	4 43	5 28	4 17	10 37	6 22
T 16	12 42	4 13	0 9	20 9	0 22	5 41	0 50	3 39	3 10	21 38	0 28	21 5	0 7	17 34	0 17	0 28	1 23	0 29	16 7	4 43	5 27	4 15	10 36	6 22
F 17	12 22	7 47	0s55	20 0	0 30	6 11	0 56	3 38	3 11	21 38	0 28	21 4	0 7	17 35	0 17	0 27	1 23	0 29	16 7	4 43	5 26	4 13	10 34	6 22
S 18	12 1	11 4	1 58	19 50	0 38	6 41	1 1	3 38	3 12	21 39	0 28	21 3	0 7	17 35	0 17	0 27	1 23	0 28	16 6	4 44	5 25	4 11	10 33	6 22
S 19	11 40	13 55	2 56	19 39	0 46	7 11	1 7	3 37	3 13	21 40	0 27	21 2	0 7	17 35	0 17	0 26	1 23	0 28	16 6	4 44	5 23	4 10	10 32	6 22
M20	11 18	16 12	3 48	19 26	0 54	7 41	1 13	3 36	3 14	21 40	0 27	21 1	0 7	17 36	0 17	0 26	1 24	0 27	16 6	4 45	5 22	4 8	10 30	6 22
T 21	10 57	17 45	4 30	19 13	1 1	8 11	1 18	3 35	3 14	21 41	0 27	21 0	0 7	17 36	0 17	0 25	1 24	0 27	16 5	4 44	5 21	4 6	10 29	6 22
W22	10 35	18 22	4 58	18 58	1 8	8 40	1 24	3 33	3 15	21 41	0 27	20 59	0 7	17 36	0 17	0 25	1 24	0 26	16 5	4 43	5 20	4 4	10 27	6 22
T 23	10 14	17 57	5 11	18 41	1 14	9 9	1 30	3 31	3 16	21 42	0 27	20 58	0 7	17 37	0 17	0 24	1 24	0 26	16 5	4 42	5 18	4 2	10 26	6 22
F 24	9 52	16 23	5 5	18 24	1 21	9 38	1 36	3 29	3 17	21 43	0 26	20 57	0 7	17 37	0 17	0 24	1 24	0 25	16 4	4 40	5 17	4 0	10 25	6 22
S 25	9 30	13 43	4 39	18 5	1 27	10 7	1 42	3 26	3 17	21 44	0 26	20 56	0 7	17 37	0 17	0 23	1 24	0 25	16 4	4 38	5 16	3 59	10 23	6 22
S 26	9 7	10 5	3 53	17 45	1 32	10 35	1 48	3 24	3 18	21 44	0 26	20 55	0 7	17 38	0 17	0 22	1 24	0 24	16 4	4 36	5 15	3 57	10 22	6 23
M27	8 45	5 44	2 51	17 24	1 37	11 3	1 54	3 21	3 19	21 45	0 26	20 54	0 7	17 38	0 16	0 22	1 24	0 24	16 3	4 34	5 13	3 55	10 20	6 23
T 28	8 22	1 1	1 36	17 1	1 42	11 31	2 0	3 18	3 19	21 46	0 26	20 53	0 7	17 39	0 16	0 21	1 24	0 23	16 3	4 33	5 12	3 53	10 19	6 23
W29	8s 0	3s43	0s14	16s37	1s47	11n59	2n 6	3s14	3n20	21n47	0s25	20s52	0n 7	17n39	0s16	0s21	1n24	0s23	16s 3	4s32	5s11	3s51	10s18	6n23

Julian Day Number = 2491021.5, Delta T = 97.05 sec
Ecliptic obliquity = 23°25'22, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°15'02, Lahiri = 25°22'02

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ASTRODIENST EPHEMERIS for the year 2108
geocentric

MARCH 2108 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 49	10♓31'04	23♎37	21♒ 8	27♈ 0	15°R56	11♊57	25♑53	20♉43	4°R 4	10♉18	11♎30	13♎ 5	14♓30	14♒48	T 1
F 2	10 39 45	11°31'18	8♏ 0	22°41	27°59	15♎46	12° 2	25°58	20°45	4♎ 3	10°19	11°31	13° 2	14°36	14°52	F 2
S 3	10 43 42	12°31'32	21°57	24°14	28°58	15°36	12° 7	26° 4	20°47	4° 1	10°20	11°32	12°59	14°43	14°56	S 3
S 4	10 47 39	13°31'43	5♐27	25°49	29°56	15°26	12°13	26°10	20°49	4° 0	10°20	11°34	12°55	14°49	15° 1	S 4
M 5	10 51 35	14°31'54	18°34	27°24	0♉54	15°14	12°18	26°15	20°50	3°58	10°21	11°R34	12°52	14°56	15° 5	M 5
T 6	10 55 32	15°32'03	1♑20	29° 1	1°52	15° 2	12°24	26°21	20°52	3°57	10°22	11°33	12°49	15° 3	15° 9	T 6
W 7	10 59 28	16°32'10	13°48	0♓39	2°48	14°49	12°29	26°26	20°54	3°55	10°23	11°30	12°46	15° 9	15°14	W 7
T 8	11 3 25	17°32'15	26° 3	2°17	3°45	14°35	12°35	26°31	20°56	3°53	10°24	11°27	12°43	15°16	15°18	T 8
F 9	11 7 21	18°32'19	8♒ 7	3°57	4°40	14°21	12°41	26°37	20°58	3°52	10°25	11°23	12°40	15°23	15°22	F 9
S 10	11 11 18	19°32'22	20° 3	5°38	5°36	14° 5	12°47	26°42	21° 0	3°50	10°26	11°20	12°36	15°29	15°26	S 10
S 11	11 15 14	20°32'22	1♓55	7°21	6°30	13°49	12°54	26°47	21° 2	3°49	10°26	11°16	12°33	15°36	15°30	S 11
M12	11 19 11	21°32'21	13°43	9° 4	7°24	13°33	13° 0	26°52	21° 4	3°47	10°27	11°13	12°30	15°43	15°34	M12
T 13	11 23 8	22°32'17	25°31	10°48	8°17	13°16	13° 7	26°57	21° 6	3°45	10°28	11°11	12°27	15°49	15°39	T 13
W14	11 27 4	23°32'12	7♈20	12°34	9°10	12°58	13°14	27° 2	21° 8	3°44	10°29	11°D11	12°24	15°56	15°43	W14
T 15	11 31 1	24°32'05	19°13	14°20	10° 2	12°39	13°21	27° 7	21°11	3°42	10°30	11°11	12°21	16° 3	15°47	T 15
F 16	11 34 57	25°31'56	1♉12	16° 8	10°53	12°20	13°28	27°12	21°13	3°41	10°31	11°12	12°17	16° 9	15°51	F 16
S 17	11 38 54	26°31'44	13°20	17°57	11°43	12° 1	13°35	27°17	21°15	3°39	10°32	11°13	12°14	16°16	15°54	S 17
S 18	11 42 50	27°31'31	25°39	19°48	12°33	11°40	13°43	27°21	21°18	3°37	10°33	11°14	12°11	16°23	15°58	S 18
M19	11 46 47	28°31'15	8♊14	21°39	13°22	11°20	13°50	27°26	21°20	3°36	10°34	11°15	12° 8	16°29	16° 2	M19
T 20	11 50 43	29°30'58	21° 8	23°32	14°10	10°59	13°58	27°30	21°22	3°34	10°36	11°16	12° 5	16°36	16° 6	T 20
W21	11 54 40	0♈30'37	4♋23	25°26	14°57	10°37	14° 6	27°35	21°25	3°32	10°37	11°R16	12° 1	16°43	16°10	W21
T 22	11 58 37	1°30'15	18° 3	27°21	15°43	10°15	14°14	27°39	21°27	3°31	10°38	11°16	11°58	16°49	16°13	T 22
F 23	12 2 33	2°29'50	2♌ 9	29°17	16°28	9°53	14°22	27°44	21°30	3°29	10°39	11°15	11°55	16°56	16°17	F 23
S 24	12 6 30	3°29'23	16°39	1♈14	17°12	9°31	14°31	27°48	21°32	3°27	10°40	11°14	11°52	17° 3	16°21	S 24
S 25	12 10 26	4°28'54	1♍29	3°12	17°55	9° 8	14°39	27°52	21°35	3°26	10°41	11°13	11°49	17° 9	16°24	S 25
M26	12 14 23	5°28'22	16°34	5°12	18°37	8°45	14°48	27°56	21°38	3°24	10°42	11°12	11°46	17°16	16°28	M26
T 27	12 18 19	6°27'49	1♎44	7°12	19°18	8°22	14°56	28° 0	21°40	3°22	10°43	11°12	11°42	17°23	16°31	T 27
W28	12 22 16	7°27'13	16°51	9°13	19°58	7°59	15° 5	28° 4	21°43	3°21	10°44	11°D12	11°39	17°29	16°35	W28
T 29	12 26 12	8°26'35	1♏45	11°15	20°37	7°36	15°14	28° 8	21°46	3°19	10°46	11°12	11°36	17°36	16°38	T 29
F 30	12 30 9	9°25'55	16°19	13°17	21°14	7°12	15°23	28°11	21°48	3°17	10°47	11°12	11°33	17°43	16°42	F 30
S 31	12 34 5	10♈25'14	0♐28	15♈20	21♉50	6♎49	15♊32	28♑15	21♉51	3♎16	10♉48	11♎13	11♎30	17♓49	16♒45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s37	8s 8	1n 6	16s12	1s51	12n27	2n12	3s10	3n21	21n47	0s25	20s51	0n 6	17n39	0s16	0s20	1n24	0s22	16s 2	4s33	5s10	3s49	10s16	6n23
F 2	7 14	11 57	2 20	15 45	1 55	12 54	2 18	3 7	3 21	21 48	0 25	20 50	0 6	17 40	0 16	0 19	1 24	0 22	16 2	4 33	5 9	3 48	10 15	6 23
S 3	6 51	14 57	3 24	15 18	1 58	13 21	2 24	3 2	3 22	21 49	0 25	20 49	0 6	17 40	0 16	0 19	1 24	0 21	16 2	4 34	5 7	3 46	10 13	6 23
S 4	6 28	17 2	4 14	14 49	2 1	13 47	2 30	2 58	3 22	21 50	0 25	20 48	0 6	17 41	0 16	0 18	1 24	0 21	16 2	4 34	5 6	3 44	10 12	6 24
M 5	6 5	18 7	4 50	14 19	2 4	14 13	2 36	2 53	3 22	21 51	0 24	20 47	0 6	17 41	0 16	0 18	1 24	0 20	16 1	4 34	5 5	3 42	10 11	6 24
T 6	5 42	18 16	5 9	13 47	2 7	14 39	2 43	2 48	3 23	21 52	0 24	20 46	0 6	17 42	0 16	0 17	1 24	0 20	16 1	4 34	5 4	3 40	10 9	6 24
W 7	5 19	17 30	5 14	13 14	2 8	15 5	2 49	2 43	3 23	21 53	0 24	20 45	0 6	17 42	0 16	0 16	1 24	0 19	16 1	4 33	5 2	3 38	10 8	6 24
T 8	4 55	15 56	5 4	12 40	2 10	15 30	2 55	2 37	3 23	21 54	0 24	20 44	0 6	17 43	0 16	0 16	1 24	0 19	16 0	4 32	5 1	3 37	10 6	6 24
F 9	4 32	13 42	4 41	12 5	2 11	15 55	3 1	2 32	3 23	21 55	0 24	20 43	0 6	17 43	0 16	0 15	1 24	0 18	16 0	4 30	5 0	3 35	10 5	6 25
S 10	4 8	10 54	4 6	11 29	2 12	16 19	3 8	2 26	3 23	21 56	0 24	20 42	0 6	17 44	0 16	0 14	1 24	0 18	16 0	4 29	4 59	3 33	10 4	6 25
S 11	3 45	7 40	3 20	10 51	2 12	16 44	3 14	2 20	3 23	21 57	0 23	20 41	0 6	17 45	0 16	0 14	1 24	0 17	16 0	4 27	4 57	3 31	10 2	6 25
M12	3 21	4 9	2 26	10 12	2 12	17 7	3 20	2 13	3 23	21 58	0 23	20 40	0 6	17 45	0 16	0 13	1 24	0 16	15 59	4 26	4 56	3 29	10 1	6 25
T 13	2 58	0 28	1 26	9 32	2 11	17 31	3 26	2 7	3 23	21 59	0 23	20 40	0 6	17 46	0 16	0 12	1 24	0 16	15 59	4 25	4 55	3 27	9 59	6 25
W14	2 34	3n14	0 21	8 51	2 10	17 54	3 33	2 0	3 23	22 0	0 23	20 39	0 6	17 46	0 16	0 12	1 24	0 15	15 59	4 25	4 54	3 26	9 58	6 26
T 15	2 10	6 50	0s44	8 8	2 8	18 16	3 39	1 53	3 23	22 1	0 23	20 38	0 6	17 47	0 16	0 11	1 24	0 15	15 59	4 25	4 52	3 24	9 57	6 26
F 16	1 46	10 11	1 49	7 24	2 6	18 38	3 45	1 46	3 22	22 2	0 22	20 37	0 5	17 48	0 16	0 10	1 24	0 14	15 58	4 26	4 51	3 22	9 55	6 26
S 17	1 23	13 8	2 49	6 39	2 4	19 0	3 51	1 39	3 22	22 3	0 22	20 36	0 5	17 48	0 16	0 10	1 24	0 14	15 58	4 26	4 50	3 20	9 54	6 26
S 18	0 59	15 33	3 42	5 53	2 1	19 21	3 57	1 32	3 21	22 4	0 22	20 35	0 5	17 49	0 16	0 9	1 24	0 13	15 58	4 27	4 49	3 18	9 53	6 27
M19	0 35	17 17	4 26	5 6	1 57	19 42	4 3	1 24	3 21	22 5	0 22	20 34	0 5	17 49	0 16	0 8	1 24	0 13	15 58	4 27	4 47	3 16	9 51	6 27
T 20	0 12	18 10	4 58	4 18	1 53	20 3	4 9	1 17	3 20	22 6	0 22	20 34	0 5	17 50	0 16	0 8	1 24	0 12	15 57	4 27	4 46	3 14	9 50	6 27
W21	0n12	18 6	5 15	3 29	1 49	20 23	4 16	1 9	3 19	22 7	0 22	20 33	0 5	17 51	0 16	0 7	1 24	0 12	15 57	4 27	4 45	3 13	9 49	6 27
T 22	0 36	17 0	5 15	2 38	1 44	20 42	4 21	1 1	3 18	22 8	0 21	20 32	0 5	17 51	0 16	0 6	1 24	0 11	15 57	4 27	4 44	3 11	9 47	6 28
F 23	1 0	14 51	4 57	1 47	1 38	21 1	4 27	0 53	3 17	22 9	0 21	20 31	0 5	17 52	0 16	0 6	1 24	0 11	15 57	4 27	4 43	3 9	9 46	6 28
S 24	1 23	11 43	4 19	0 55	1 32	21 19	4 33	0 45	3 16	22 10	0 21	20 30	0 5	17 53	0 16	0 5	1 24	0 10	15 56	4 26	4 41	3 7	9 45	6 28
S 25	1 47	7 46	3 23	0 2	1 25	21 37	4 39	0 38	3 15	22 12	0 21	20 30	0 5	17 53	0 16	0 4	1 24	0 10	15 56	4 26	4 40	3 5	9 43	6 29
M26	2 10	3 16	2 13	0n52	1 18	21 55	4 45	0 30	3 14	22 13	0 21	20 29	0 5	17 54	0 16	0 4	1 24	0 9	15 56	4 26	4 39	3 3	9 42	6 29
T 27	2 34	1s29	0 52	1 47	1 10	22 12	4 51	0 22	3 13	22 14	0 21	20 28	0 5	17 55	0 16	0 3	1 24	0 8	15 56	4 26	4 38	3 2	9 41	6 29
W28	2 57	6 8	0n31	2 42	1 2	22 28	4 56	0 14	3 11	22 15	0 20	20 28	0 5	17 56	0 16	0 2	1 24	0 8	15 56	4 26	4 36	3 0	9 39	6 30
T 29	3 21	10 19	1 52	3 38	0 53	22 44	5 2	0 6	3 10	22 16	0 20	20 27	0 5	17 56	0 16	0 2	1 24	0 7	15 55	4 26	4 35	2 58	9 38	6 30
F 30	3 44	13 47	3 3	4 34	0 44	22 59	5 7	0n 2	3 8	22 17	0 20	20 26	0 5	17 57	0 16	0 1	1 24	0 7	15 55	4 26	4 34	2 56	9 37	6 30
S 31	4n 7	16s18	4n 1	5n30	0s34	23n14	5n12	0n 9	3n 7	22n18	0s20	20s25	0n 4	17n58	0s16	0s 0	1n24	0s 6	15s55	4s26	4s33	2s54	9s36	6n30

Julian Day Number = 2491050.5, Delta T = 97.09 sec
Ecliptic obliquity = 23°25'22, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°15'06, Lahiri = 25°22'06

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ASTRODIENST EPHEMERIS for the year 2108
geocentric

APRIL 2108 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 2	11♈24'31	14♐10	17♈23	22♉25	6°R26	15♊41	28♑19	21♉54	3°R14	10♉49	11°R13	11♎26	17♓56	16♒48	S 1
M 2	12 41 59	12°23'46	27°25	19°26	22°58	6♎ 2	15°51	28°22	21°57	3♎12	10°50	11♎13	11°23	18° 3	16°51	M 2
T 3	12 45 55	13°22'59	10♑16	21°28	23°30	5°39	16° 0	28°26	22° 0	3°11	10°52	11°D13	11°20	18° 9	16°55	T 3
W 4	12 49 52	14°22'11	22°45	23°30	24° 0	5°17	16°10	28°29	22° 3	3° 9	10°53	11°13	11°17	18°16	16°58	W 4
T 5	12 53 48	15°21'20	4♒58	25°31	24°29	4°54	16°20	28°32	22° 6	3° 8	10°54	11°13	11°14	18°23	17° 1	T 5
F 6	12 57 45	16°20'28	16°59	27°30	24°57	4°31	16°30	28°35	22° 9	3° 6	10°55	11°13	11°11	18°29	17° 4	F 6
S 7	13 1 41	17°19'35	28°51	29°28	25°22	4° 9	16°39	28°38	22°12	3° 4	10°57	11°14	11° 7	18°36	17° 7	S 7
S 8	13 5 38	18°18'39	10♓39	1♉24	25°46	3°48	16°50	28°41	22°15	3° 3	10°58	11°15	11° 4	18°43	17°10	S 8
M 9	13 9 34	19°17'41	22°26	3°17	26° 8	3°26	17° 0	28°44	22°18	3° 1	10°59	11°15	11° 1	18°49	17°12	M 9
T 10	13 13 31	20°16'42	4♈15	5° 7	26°28	3° 5	17°10	28°47	22°21	3° 0	11° 0	11°16	10°58	18°56	17°15	T 10
W11	13 17 28	21°15'40	16°10	6°54	26°47	2°45	17°20	28°50	22°24	2°58	11° 2	11°R16	10°55	19° 2	17°18	W11
T 12	13 21 24	22°14'37	28°12	8°38	27° 3	2°25	17°31	28°52	22°27	2°57	11° 3	11°15	10°52	19° 9	17°21	T 12
F 13	13 25 21	23°13'31	10♉22	10°18	27°17	2° 5	17°41	28°55	22°30	2°55	11° 4	11°14	10°48	19°16	17°23	F 13
S 14	13 29 17	24°12'24	22°44	11°54	27°30	1°46	17°52	28°57	22°33	2°53	11° 6	11°13	10°45	19°22	17°26	S 14
S 15	13 33 14	25°11'14	5♊17	13°25	27°40	1°28	18° 3	29° 0	22°36	2°52	11° 7	11°11	10°42	19°29	17°28	S 15
M16	13 37 10	26°10'02	18° 4	14°52	27°47	1°10	18°14	29° 2	22°39	2°50	11° 8	11° 9	10°39	19°36	17°31	M16
T 17	13 41 7	27° 8'48	1♋ 6	16°14	27°53	0°53	18°25	29° 4	22°43	2°49	11°10	11° 7	10°36	19°42	17°33	T 17
W18	13 45 3	28° 7'32	14°25	17°31	27°56	0°37	18°36	29° 6	22°46	2°47	11°11	11° 6	10°32	19°49	17°35	W18
T 19	13 49 0	29° 6'14	28° 2	18°43	27°R57	0°21	18°47	29° 8	22°49	2°46	11°12	11°D 5	10°29	19°56	17°38	T 19
F 20	13 52 57	0♉ 4'53	11♌57	19°50	27°56	0° 7	18°58	29°10	22°52	2°45	11°14	11° 5	10°26	20° 2	17°40	F 20
S 21	13 56 53	1° 3'30	26°10	20°51	27°52	29♍52	19° 9	29°12	22°56	2°43	11°15	11° 6	10°23	20° 9	17°42	S 21
S 22	14 0 50	2° 2'05	10♍40	21°46	27°45	29°39	19°21	29°14	22°59	2°42	11°16	11° 8	10°20	20°16	17°44	S 22
M23	14 4 46	3° 0'38	25°22	22°36	27°36	29°26	19°32	29°15	23° 2	2°40	11°18	11° 9	10°17	20°22	17°46	M23
T 24	14 8 43	3°59'08	10♎13	23°21	27°25	29°14	19°44	29°17	23° 6	2°39	11°19	11°R 9	10°13	20°29	17°48	T 24
W25	14 12 39	4°57'37	25° 4	23°59	27°11	29° 3	19°55	29°18	23° 9	2°38	11°20	11° 9	10°10	20°36	17°50	W25
T 26	14 16 36	5°56'03	9♏48	24°32	26°55	28°53	20° 7	29°19	23°12	2°36	11°22	11° 7	10° 7	20°42	17°52	T 26
F 27	14 20 32	6°54'28	24°19	24°59	26°36	28°43	20°19	29°21	23°16	2°35	11°23	11° 4	10° 4	20°49	17°54	F 27
S 28	14 24 29	7°52'51	8♐29	25°20	26°15	28°34	20°31	29°22	23°19	2°34	11°25	11° 1	10° 1	20°56	17°55	S 28
S 29	14 28 25	8°51'13	22°16	25°36	25°52	28°26	20°42	29°23	23°22	2°32	11°26	10°56	9°57	21° 2	17°57	S 29
M30	14 32 22	9♉49'32	5♑37	25♉46	25♉26	28♍19	20♊54	29♑24	23♉26	2♎31	11♉27	10♎53	9♎54	21♓ 9	17♒58	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n31	17s47	4n43	6n27	0s24	23n28	5n17	0n17	3n 5	22n20	0s20	20s25	0n 4	17n58	0s16	0n 0	1n24	0s 6	15s55	4s26	4s31	2s52	9s34	6n31
M 2	4 54	18 15	5 9	7 23	0 14	23 42	5 22	0 25	3 3	22 21	0 20	20 24	0 4	17 59	0 16	0 1	1 24	0 5	15 55	4 26	4 30	2 51	9 33	6 31
T 3	5 17	17 44	5 18	8 19	0 3	23 55	5 27	0 32	3 2	22 22	0 19	20 24	0 4	18 0	0 16	0 2	1 24	0 5	15 54	4 26	4 29	2 49	9 32	6 31
W 4	5 40	16 23	5 12	9 15	0n 8	24 7	5 32	0 39	3 0	22 23	0 19	20 23	0 4	18 1	0 16	0 2	1 24	0 4	15 54	4 26	4 28	2 47	9 31	6 32
T 5	6 3	14 18	4 51	10 9	0 19	24 19	5 36	0 47	2 58	22 24	0 19	20 22	0 4	18 2	0 16	0 3	1 24	0 4	15 54	4 26	4 26	2 45	9 29	6 32
F 6	6 25	11 38	4 18	11 3	0 31	24 30	5 41	0 54	2 56	22 25	0 19	20 22	0 4	18 2	0 16	0 3	1 24	0 3	15 54	4 26	4 25	2 43	9 28	6 32
S 7	6 48	8 31	3 35	11 56	0 42	24 40	5 45	1 0	2 54	22 26	0 19	20 21	0 4	18 3	0 16	0 4	1 24	0 3	15 54	4 26	4 24	2 41	9 27	6 33
S 8	7 10	5 4	2 42	12 47	0 54	24 50	5 49	1 7	2 52	22 28	0 19	20 21	0 4	18 4	0 16	0 5	1 24	0 2	15 54	4 27	4 23	2 39	9 26	6 33
M 9	7 33	1 26	1 43	13 37	1 5	24 59	5 52	1 14	2 49	22 29	0 19	20 20	0 4	18 5	0 16	0 5	1 24	0 2	15 54	4 27	4 21	2 38	9 25	6 34
T 10	7 55	2n17	0 39	14 25	1 16	25 7	5 56	1 20	2 47	22 30	0 18	20 20	0 4	18 5	0 16	0 6	1 24	0 1	15 53	4 27	4 20	2 36	9 23	6 34
W11	8 17	5 56	0s27	15 11	1 27	25 14	5 59	1 26	2 45	22 31	0 18	20 19	0 4	18 6	0 16	0 7	1 24	0 1	15 53	4 27	4 19	2 34	9 22	6 34
T 12	8 39	9 23	1 33	15 55	1 38	25 21	6 2	1 32	2 42	22 32	0 18	20 19	0 4	18 7	0 16	0 7	1 24	0 0	15 53	4 27	4 18	2 32	9 21	6 35
F 13	9 1	12 28	2 35	16 37	1 48	25 27	6 5	1 37	2 40	22 33	0 18	20 18	0 4	18 8	0 16	0 8	1 24	0n 0	15 53	4 27	4 16	2 30	9 20	6 35
S 14	9 23	15 3	3 30	17 16	1 58	25 32	6 7	1 42	2 38	22 34	0 18	20 18	0 3	18 9	0 16	0 8	1 24	0 1	15 53	4 26	4 15	2 28	9 19	6 35
S 15	9 44	16 57	4 17	17 52	2 7	25 36	6 9	1 47	2 35	22 35	0 18	20 17	0 3	18 9	0 16	0 9	1 24	0 1	15 53	4 25	4 14	2 27	9 18	6 36
M16	10 6	18 3	4 51	18 27	2 15	25 40	6 10	1 52	2 33	22 37	0 18	20 17	0 3	18 10	0 16	0 10	1 24	0 2	15 53	4 24	4 13	2 25	9 17	6 36
T 17	10 27	18 14	5 12	18 58	2 23	25 42	6 12	1 56	2 30	22 38	0 17	20 17	0 3	18 11	0 16	0 10	1 24	0 2	15 53	4 24	4 11	2 23	9 16	6 37
W18	10 48	17 25	5 16	19 27	2 30	25 44	6 12	2 1	2 28	22 39	0 17	20 16	0 3	18 12	0 16	0 11	1 24	0 3	15 52	4 23	4 10	2 21	9 14	6 37
T 19	11 9	15 36	5 3	19 53	2 36	25 44	6 13	2 4	2 25	22 40	0 17	20 16	0 3	18 13	0 16	0 11	1 24	0 3	15 52	4 23	4 9	2 19	9 13	6 37
F 20	11 30	12 51	4 32	20 16	2 41	25 44	6 13	2 8	2 22	22 41	0 17	20 16	0 3	18 14	0 16	0 12	1 24	0 4	15 52	4 23	4 8	2 17	9 12	6 38
S 21	11 50	9 17	3 44	20 36	2 45	25 42	6 12	2 11	2 20	22 42	0 17	20 15	0 3	18 14	0 16	0 12	1 24	0 4	15 52	4 23	4 6	2 16	9 11	6 38
S 22	12 10	5 5	2 41	20 54	2 48	25 40	6 11	2 14	2 17	22 43	0 17	20 15	0 3	18 15	0 15	0 13	1 24	0 5	15 52	4 24	4 5	2 14	9 10	6 39
M23	12 30	0 31	1 26	21 9	2 50	25 36	6 9	2 17	2 15	22 44	0 17	20 15	0 3	18 16	0 15	0 13	1 24	0 5	15 52	4 24	4 4	2 12	9 9	6 39
T 24	12 50	4s 7	0 5	21 22	2 51	25 31	6 7	2 19	2 12	22 45	0 16	20 15	0 3	18 17	0 15	0 14	1 24	0 5	15 52	4 25	4 3	2 10	9 8	6 39
W25	13 10	8 31	1n16	21 31	2 51	25 25	6 4	2 21	2 9	22 46	0 16	20 14	0 3	18 18	0 15	0 15	1 24	0 6	15 52	4 24	4 1	2 8	9 7	6 40
T 26	13 29	12 21	2 31	21 38	2 50	25 18	6 1	2 23	2 7	22 47	0 16	20 14	0 3	18 19	0 15	0 15	1 24	0 6	15 52	4 24	4 0	2 6	9 7	6 40
F 27	13 49	15 21	3 36	21 42	2 47	25 10	5 57	2 24	2 4	22 48	0 16	20 14	0 2	18 20	0 15	0 16	1 24	0 7	15 52	4 23	3 59	2 4	9 6	6 41
S 28	14 8	17 20	4 25	21 44	2 43	25 0	5 52	2 25	2 1	22 49	0 16	20 14	0 2	18 20	0 15	0 16	1 24	0 7	15 52	4 21	3 58	2 3	9 5	6 41
S 29	14 26	18 15	4 57	21 43	2 38	24 49	5 47	2 26	1 59	22 50	0 16	20 14	0 2	18 21	0 15	0 17	1 24	0 8	15 52	4 20	3 57	2 1	9 4	6 41
M30	14n45	18s 6	5n12	21n39	2n32	24n37	5n41	2n27	1n56	22n51	0s16	20s14	0n 2	18n22	0s15	0n17	1n24	0n 8	15s52	4s18	3s55	1s59	9s 3	6n42

Julian Day Number = 2491081.5, Delta T = 97.13 sec
Ecliptic obliquity = 23°25'22, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°15'10, Lahiri = 25°22'10

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ASTRODIENST EPHEMERIS for the year 2108
geocentric

MAY 2108 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 19	10♉47'51	18♋33	25°R50	24°R59	28°R12	21♊ 6	29♋24	23♉29	2°R30	11♉29	10°R50	9♎51	21♓16	18♒ 0	T 1
W 2	14 40 15	11°46'07	1♒ 6	25♉48	24♉30	28♍ 7	21°19	29°25	23°33	2♎29	11°30	10♎48	9°48	21°22	18° 1	W 2
T 3	14 44 12	12°44'23	13°21	25°42	23°59	28° 2	21°31	29°26	23°36	2°28	11°31	10°D47	9°45	21°29	18° 3	T 3
F 4	14 48 8	13°42'36	25°22	25°30	23°26	27°58	21°43	29°26	23°40	2°26	11°33	10°48	9°42	21°36	18° 4	F 4
S 5	14 52 5	14°40'48	7♓14	25°14	22°52	27°54	21°55	29°27	23°43	2°25	11°34	10°49	9°38	21°42	18° 5	S 5
S 6	14 56 1	15°38'59	19° 2	24°54	22°17	27°52	22° 8	29°27	23°46	2°24	11°35	10°51	9°35	21°49	18° 7	S 6
M 7	14 59 58	16°37'08	0♈50	24°29	21°41	27°50	22°20	29°27	23°50	2°23	11°37	10°52	9°32	21°55	18° 8	M 7
T 8	15 3 54	17°35'16	12°43	24° 1	21° 4	27°49	22°32	29°27	23°53	2°22	11°38	10°R53	9°29	22° 2	18° 9	T 8
W 9	15 7 51	18°33'22	24°44	23°31	20°26	27°D48	22°45	29°R27	23°57	2°21	11°40	10°52	9°26	22° 9	18°10	W 9
T 10	15 11 48	19°31'27	6♉57	22°57	19°49	27°49	22°58	29°27	24° 0	2°20	11°41	10°49	9°23	22°15	18°11	T 10
F 11	15 15 44	20°29'30	19°22	22°23	19°11	27°50	23°10	29°27	24° 4	2°19	11°42	10°44	9°19	22°22	18°12	F 11
S 12	15 19 41	21°27'32	2♊ 2	21°47	18°34	27°52	23°23	29°27	24° 7	2°18	11°44	10°38	9°16	22°29	18°12	S 12
S 13	15 23 37	22°25'32	14°55	21°10	17°57	27°55	23°36	29°27	24°11	2°17	11°45	10°31	9°13	22°35	18°13	S 13
M14	15 27 34	23°23'30	28° 2	20°34	17°20	27°58	23°48	29°26	24°14	2°16	11°46	10°24	9°10	22°42	18°14	M14
T 15	15 31 30	24°21'27	11♋23	19°59	16°45	28° 3	24° 1	29°26	24°18	2°15	11°48	10°17	9° 7	22°49	18°14	T 15
W16	15 35 27	25°19'21	24°55	19°25	16°11	28° 8	24°14	29°25	24°21	2°14	11°49	10°12	9° 3	22°55	18°15	W16
T 17	15 39 23	26°17'15	8♌39	18°53	15°38	28°13	24°27	29°24	24°25	2°13	11°50	10° 9	9° 0	23° 2	18°15	T 17
F 18	15 43 20	27°15'06	22°34	18°23	15° 6	28°19	24°40	29°23	24°28	2°13	11°52	10°D 7	8°57	23° 9	18°16	F 18
S 19	15 47 17	28°12'55	6♍39	17°57	14°36	28°26	24°53	29°22	24°32	2°12	11°53	10° 8	8°54	23°15	18°16	S 19
S 20	15 51 13	29°10'43	20°52	17°33	14° 9	28°34	25° 6	29°21	24°35	2°11	11°54	10° 9	8°51	23°22	18°16	S 20
M21	15 55 10	0♊ 8'29	5♎13	17°14	13°43	28°42	25°19	29°20	24°39	2°10	11°56	10°R 9	8°48	23°29	18°16	M21
T 22	15 59 6	1° 6'14	19°38	16°58	13°19	28°51	25°32	29°19	24°42	2°10	11°57	10° 9	8°44	23°35	18°16	T 22
W23	16 3 3	2° 3'57	4♏ 5	16°47	12°57	29° 1	25°46	29°18	24°46	2° 9	11°58	10° 7	8°41	23°42	18°R16	W23
T 24	16 6 59	3° 1'38	18°27	16°40	12°38	29°11	25°59	29°16	24°49	2° 8	12° 0	10° 3	8°38	23°49	18°16	T 24
F 25	16 10 56	3°59'18	2♐40	16°D37	12°21	29°22	26°12	29°15	24°53	2° 8	12° 1	9°56	8°35	23°55	18°16	F 25
S 26	16 14 52	4°56'57	16°38	16°39	12° 6	29°33	26°25	29°13	24°56	2° 7	12° 2	9°47	8°32	24° 2	18°16	S 26
S 27	16 18 49	5°54'35	0♑18	16°45	11°54	29°45	26°39	29°11	24°59	2° 7	12° 3	9°38	8°29	24° 8	18°16	S 27
M28	16 22 46	6°52'11	13°36	16°56	11°44	29°57	26°52	29°10	25° 3	2° 6	12° 5	9°29	8°25	24°15	18°16	M28
T 29	16 26 42	7°49'47	26°31	17°11	11°37	0♎10	27° 5	29° 8	25° 6	2° 6	12° 6	9°21	8°22	24°22	18°15	T 29
W30	16 30 39	8°47'22	9♒ 5	17°31	11°32	0°24	27°19	29° 6	25°10	2° 5	12° 7	9°15	8°19	24°28	18°15	W30
T 31	16 34 35	9♊44'55	21♒21	17♉55	11♉30	0♎38	27♊32	29♋ 4	25♉13	2♎ 5	12♉ 8	9♎11	8♎16	24♓35	18♒14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 3	17s 0	5n11	21n32	2n24	24n24	5n34	2n27	1n53	22n52	0s16	20s14	0n 2	18n23	0s15	0n17	1n24	0n 8	15s52	4s17	3s54	1s57	9s 2	6n42
W 2	15 21	15 6	4 54	21 24	2 16	24 9	5 27	2 27	1 51	22 53	0 15	20 13	0 2	18 24	0 15	0 18	1 24	0 9	15 52	4 16	3 53	1 55	9 1	6 43
T 3	15 39	12 34	4 25	21 12	2 6	23 54	5 19	2 26	1 48	22 54	0 15	20 13	0 2	18 25	0 15	0 18	1 24	0 9	15 52	4 16	3 52	1 53	9 0	6 43
F 4	15 57	9 32	3 44	20 58	1 54	23 37	5 10	2 26	1 46	22 55	0 15	20 13	0 2	18 26	0 15	0 19	1 24	0 10	15 52	4 16	3 50	1 52	9 0	6 44
S 5	16 14	6 9	2 54	20 42	1 42	23 19	5 0	2 24	1 43	22 56	0 15	20 13	0 2	18 26	0 15	0 19	1 24	0 10	15 52	4 17	3 49	1 50	8 59	6 44
S 6	16 31	2 33	1 57	20 24	1 28	23 0	4 50	2 23	1 40	22 56	0 15	20 13	0 2	18 27	0 15	0 20	1 24	0 10	15 52	4 17	3 48	1 48	8 58	6 44
M 7	16 48	1n10	0 55	20 4	1 14	22 40	4 39	2 22	1 38	22 57	0 15	20 13	0 2	18 28	0 15	0 20	1 24	0 11	15 52	4 18	3 47	1 46	8 57	6 45
T 8	17 4	4 52	0s10	19 43	0 59	22 19	4 28	2 20	1 35	22 58	0 15	20 13	0 2	18 29	0 15	0 20	1 24	0 11	15 52	4 18	3 45	1 44	8 57	6 45
W 9	17 20	8 25	1 15	19 19	0 42	21 58	4 16	2 17	1 33	22 59	0 15	20 13	0 2	18 30	0 15	0 21	1 24	0 12	15 52	4 18	3 44	1 42	8 56	6 46
T 10	17 36	11 40	2 17	18 55	0 26	21 35	4 4	2 15	1 30	23 0	0 14	20 14	0 1	18 31	0 15	0 21	1 24	0 12	15 52	4 17	3 43	1 40	8 55	6 46
F 11	17 52	14 27	3 14	18 29	0 9	21 13	3 51	2 12	1 28	23 0	0 14	20 14	0 1	18 32	0 15	0 22	1 24	0 12	15 52	4 15	3 42	1 39	8 55	6 47
S 12	18 7	16 36	4 2	18 3	0s 9	20 49	3 38	2 9	1 25	23 1	0 14	20 14	0 1	18 33	0 15	0 22	1 24	0 13	15 52	4 12	3 40	1 37	8 54	6 47
S 13	18 22	17 57	4 39	17 37	0 26	20 26	3 24	2 6	1 23	23 2	0 14	20 14	0 1	18 33	0 15	0 22	1 24	0 13	15 52	4 10	3 39	1 35	8 53	6 48
M14	18 36	18 23	5 2	17 11	0 44	20 2	3 10	2 2	1 21	23 3	0 14	20 14	0 1	18 34	0 15	0 23	1 24	0 13	15 52	4 7	3 38	1 33	8 53	6 48
T 15	18 51	17 48	5 9	16 45	1 1	19 39	2 56	1 58	1 18	23 3	0 14	20 14	0 1	18 35	0 15	0 23	1 24	0 14	15 52	4 4	3 37	1 31	8 52	6 48
W16	19 5	16 14	4 59	16 19	1 18	19 15	2 42	1 54	1 16	23 4	0 14	20 15	0 1	18 36	0 15	0 23	1 24	0 14	15 52	4 2	3 35	1 29	8 51	6 49
T 17	19 19	13 42	4 32	15 55	1 34	18 52	2 28	1 50	1 14	23 5	0 14	20 15	0 1	18 37	0 15	0 24	1 24	0 14	15 52	4 1	3 34	1 28	8 51	6 49
F 18	19 32	10 23	3 49	15 31	1 50	18 29	2 13	1 45	1 11	23 5	0 14	20 15	0 1	18 38	0 15	0 24	1 23	0 15	15 52	4 0	3 33	1 26	8 50	6 50
S 19	19 45	6 25	2 51	15 10	2 5	18 6	1 59	1 41	1 9	23 6	0 13	20 15	0 1	18 39	0 15	0 24	1 23	0 15	15 52	4 0	3 32	1 24	8 50	6 50
S 20	19 58	2 3	1 42	14 50	2 19	17 44	1 45	1 35	1 7	23 7	0 13	20 16	0 1	18 39	0 15	0 24	1 23	0 15	15 52	4 1	3 30	1 22	8 49	6 51
M21	20 10	2s29	0 27	14 32	2 32	17 23	1 30	1 30	1 5	23 7	0 13	20 16	0 1	18 40	0 15	0 25	1 23	0 16	15 52	4 1	3 29	1 20	8 49	6 51
T 22	20 22	6 54	0n51	14 16	2 45	17 2	1 16	1 25	1 2	23 8	0 13	20 16	0 1	18 41	0 15	0 25	1 23	0 16	15 52	4 1	3 28	1 18	8 48	6 51
W23	20 34	10 54	2 5	14 2	2 56	16 42	1 2	1 19	1 0	23 8	0 13	20 17	0 0	18 42	0 15	0 25	1 23	0 16	15 52	4 0	3 27	1 17	8 48	6 52
T 24	20 45	14 15	3 11	13 50	3 6	16 23	0 49	1 13	0 58	23 9	0 13	20 17	0 0	18 43	0 15	0 25	1 23	0 16	15 53	3 58	3 25	1 15	8 48	6 52
F 25	20 56	16 41	4 4	13 41	3 15	16 5	0 35	1 7	0 56	23 9	0 13	20 17	0 0	18 44	0 15	0 26	1 23	0 17	15 53	3 56	3 24	1 13	8 47	6 53
S 26	21 6	18 5	4 41	13 34	3 23	15 48	0 22	1 0	0 54	23 10	0 13	20 18	0 0	18 44	0 15	0 26	1 23	0 17	15 53	3 53	3 23	1 11	8 47	6 53
S 27	21 17	18 24	5 2	13 29	3 29	15 32	0 9	0 54	0 52	23 10	0 13	20 18	0 0	18 45	0 15	0 26	1 23	0 17	15 53	3 49	3 22	1 9	8 46	6 54
M28	21 27	17 40	5 5	13 26	3 35	15 18	0s 3	0 47	0 50	23 11	0 12	20 19	0 0	18 46	0 15	0 26	1 23	0 18	15 53	3 45	3 20	1 7	8 46	6 54
T 29	21 36	16 3	4 52	13 26	3 40	15 4	0 15	0 40	0 48	23 11	0 12	20 19	0s 0	18 47	0 15	0 26	1 23	0 18	15 53	3 42	3 19	1 5	8 46	6 55
W30	21 45	13 42	4 26	13 28	3 43	14 51	0 27	0 33	0 46	23 12	0 12	20 20	0 0	18 48	0 15	0 26	1 23	0 18	15 53	3 40	3 18	1 4	8 46	6 55
T 31	21n54	10s47	3n47	13n32	3s46	14n40	0s39	0n25	0n44	23n12	0s12	20s20	0s 0	18n49	0s15	0n27	1n23	0n18	15s53	3s38	3s17	1s 2	8s45	6n55

Julian Day Number = 2491111.5, Delta T = 97.18 sec
Ecliptic obliquity = 23°25'22, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°15'14, Lahiri = 25°22'14

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ASTRODIENST EPHEMERIS for the year 2108
geocentric

JUNE 2108 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 38 32	10♊42'28	3♓23	18♉23	11°D29	0♎53	27♊46	29°R 2	25♉16	2°R 4	12♉10	9°R10	8♎13	24♓42	18°R14	F 1
S 2	16 42 28	11°40'00	15°16	18°56	11♉32	1° 8	27°59	28♋59	25°20	2♎ 4	12°11	9°D 9	8° 9	24°48	18♒13	S 2
S 3	16 46 25	12°37'31	27° 4	19°33	11°36	1°23	28°13	28°57	25°23	2° 4	12°12	9♎10	8° 6	24°55	18°13	S 3
M 4	16 50 21	13°35'01	8♈54	20°13	11°43	1°40	28°26	28°55	25°27	2° 4	12°13	9°R10	8° 3	25° 2	18°12	M 4
T 5	16 54 18	14°32'31	20°50	20°58	11°52	1°56	28°40	28°52	25°30	2° 3	12°14	9°10	8° 0	25° 8	18°11	T 5
W 6	16 58 15	15°30'00	2♉58	21°46	12° 3	2°13	28°53	28°50	25°33	2° 3	12°16	9° 7	7°57	25°15	18°10	W 6
T 7	17 2 11	16°27'28	15°19	22°38	12°16	2°31	29° 7	28°47	25°37	2° 3	12°17	9° 2	7°54	25°22	18° 9	T 7
F 8	17 6 8	17°24'55	27°59	23°33	12°31	2°49	29°20	28°44	25°40	2° 3	12°18	8°54	7°50	25°28	18° 8	F 8
S 9	17 10 4	18°22'22	10♊56	24°32	12°48	3° 8	29°34	28°42	25°43	2° 3	12°19	8°45	7°47	25°35	18° 7	S 9
S 10	17 14 1	19°19'47	24°11	25°35	13° 7	3°27	29°48	28°39	25°46	2° 2	12°20	8°34	7°44	25°42	18° 6	S 10
M11	17 17 57	20°17'12	7♋43	26°40	13°28	3°46	0♋ 1	28°36	25°50	2° 2	12°21	8°22	7°41	25°48	18° 5	M11
T 12	17 21 54	21°14'36	21°27	27°50	13°50	4° 6	0°15	28°33	25°53	2° 2	12°22	8°12	7°38	25°55	18° 3	T 12
W13	17 25 50	22°11'59	5♌22	29° 2	14°14	4°26	0°29	28°30	25°56	2°D 2	12°24	8° 3	7°35	26° 2	18° 2	W13
T 14	17 29 47	23° 9'21	19°24	0♊17	14°40	4°47	0°42	28°27	25°59	2° 2	12°25	7°57	7°31	26° 8	18° 1	T 14
F 15	17 33 44	24° 6'42	3♍29	1°36	15° 7	5° 8	0°56	28°24	26° 3	2° 2	12°26	7°53	7°28	26°15	17°59	F 15
S 16	17 37 40	25° 4'03	17°37	2°58	15°36	5°30	1°10	28°20	26° 6	2° 2	12°27	7°52	7°25	26°21	17°58	S 16
S 17	17 41 37	26° 1'22	1♎44	4°23	16° 6	5°52	1°24	28°17	26° 9	2° 3	12°28	7°52	7°22	26°28	17°56	S 17
M18	17 45 33	26°58'40	15°51	5°50	16°38	6°14	1°37	28°13	26°12	2° 3	12°29	7°52	7°19	26°35	17°55	M18
T 19	17 49 30	27°55'57	29°57	7°21	17°11	6°36	1°51	28°10	26°15	2° 3	12°30	7°51	7°15	26°41	17°53	T 19
W20	17 53 26	28°53'14	13♏59	8°55	17°45	6°59	2° 5	28° 6	26°18	2° 3	12°31	7°47	7°12	26°48	17°51	W20
T 21	17 57 23	29°50'29	27°56	10°32	18°21	7°23	2°18	28° 3	26°21	2° 3	12°32	7°41	7° 9	26°55	17°49	T 21
F 22	18 1 19	0♋47'45	11♐45	12°12	18°58	7°47	2°32	27°59	26°24	2° 4	12°33	7°32	7° 6	27° 1	17°48	F 22
S 23	18 5 16	1°44'59	25°21	13°55	19°36	8°11	2°46	27°56	26°27	2° 4	12°34	7°21	7° 3	27° 8	17°46	S 23
S 24	18 9 13	2°42'13	8♑43	15°40	20°15	8°35	3° 0	27°52	26°30	2° 4	12°35	7° 8	7° 0	27°15	17°44	S 24
M25	18 13 9	3°39'27	21°48	17°29	20°55	9° 0	3°13	27°48	26°33	2° 5	12°36	6°56	6°56	27°21	17°42	M25
T 26	18 17 6	4°36'41	4♒35	19°20	21°36	9°25	3°27	27°44	26°36	2° 5	12°37	6°45	6°53	27°28	17°40	T 26
W27	18 21 2	5°33'54	17° 4	21°14	22°18	9°50	3°41	27°40	26°39	2° 6	12°37	6°36	6°50	27°35	17°38	W27
T 28	18 24 59	6°31'07	29°17	23°10	23° 1	10°16	3°55	27°36	26°42	2° 6	12°38	6°30	6°47	27°41	17°35	T 28
F 29	18 28 55	7°28'20	11♓18	25° 9	23°45	10°42	4° 8	27°32	26°45	2° 7	12°39	6°26	6°44	27°48	17°33	F 29
S 30	18 32 52	8♋25'33	23♓10	27♊10	24♉30	11♎ 8	4♋22	27♋28	26♉48	2♎ 7	12♉40	6♎25	6♎41	27♓55	17♒31	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 2	7s28	2n59	13n38	3s48	14n29	0s49	0n18	0n42	23n12	0s12	20s21	0s 0	18n49	0s15	0n27	1n23	0n18	15s53	3s38	3s15	1s 0	8s45	6n56
S 2	22 10	3 53	2 4	13 47	3 48	14 20	1 0	0 10	0 40	23 13	0 12	20 21	0 0	18 50	0 15	0 27	1 23	0 19	15 54	3 38	3 14	0 58	8 45	6 56
S 3	22 18	0 11	1 4	13 57	3 48	14 11	1 10	0 2	0 38	23 13	0 12	20 22	0 1	18 51	0 15	0 27	1 23	0 19	15 54	3 38	3 13	0 56	8 45	6 57
M 4	22 25	3n33	0 1	14 8	3 47	14 4	1 20	0s 6	0 36	23 13	0 12	20 22	0 1	18 52	0 15	0 27	1 23	0 19	15 54	3 38	3 12	0 54	8 45	6 57
T 5	22 32	7 10	1s 2	14 22	3 45	13 58	1 29	0 15	0 34	23 13	0 12	20 23	0 1	18 53	0 15	0 27	1 23	0 19	15 54	3 38	3 10	0 53	8 44	6 57
W 6	22 38	10 33	2 3	14 37	3 42	13 53	1 38	0 23	0 33	23 14	0 11	20 24	0 1	18 53	0 15	0 27	1 23	0 19	15 54	3 37	3 9	0 51	8 44	6 58
T 7	22 44	13 33	3 0	14 53	3 39	13 48	1 47	0 32	0 31	23 14	0 11	20 24	0 1	18 54	0 15	0 27	1 23	0 20	15 54	3 35	3 8	0 49	8 44	6 58
F 8	22 50	15 58	3 49	15 11	3 35	13 45	1 55	0 41	0 29	23 14	0 11	20 25	0 1	18 55	0 15	0 27	1 23	0 20	15 55	3 32	3 6	0 47	8 44	6 59
S 9	22 55	17 39	4 28	15 30	3 30	13 43	2 3	0 50	0 27	23 14	0 11	20 25	0 1	18 56	0 15	0 27	1 23	0 20	15 55	3 28	3 5	0 45	8 44	6 59
S 10	23 0	18 25	4 53	15 50	3 24	13 41	2 10	0 59	0 26	23 14	0 11	20 26	0 1	18 57	0 15	0 27	1 23	0 20	15 55	3 24	3 4	0 43	8 44	6 59
M11	23 4	18 10	5 2	16 12	3 18	13 41	2 18	1 8	0 24	23 14	0 11	20 27	0 1	18 57	0 15	0 27	1 23	0 20	15 55	3 19	3 3	0 42	8 44	7 0
T 12	23 8	16 52	4 54	16 34	3 11	13 41	2 24	1 17	0 22	23 14	0 11	20 27	0 1	18 58	0 15	0 27	1 23	0 20	15 55	3 15	3 1	0 40	8 44	7 0
W13	23 12	14 34	4 29	16 57	3 3	13 42	2 31	1 27	0 21	23 15	0 11	20 28	0 1	18 59	0 15	0 27	1 23	0 21	15 55	3 12	3 0	0 38	8 44	7 1
T 14	23 15	11 24	3 47	17 20	2 55	13 44	2 37	1 37	0 19	23 15	0 11	20 29	0 1	19 0	0 15	0 27	1 23	0 21	15 56	3 9	2 59	0 36	8 44	7 1
F 15	23 17	7 33	2 52	17 45	2 47	13 46	2 42	1 46	0 17	23 15	0 11	20 30	0 2	19 0	0 15	0 27	1 22	0 21	15 56	3 8	2 58	0 34	8 44	7 1
S 16	23 20	3 17	1 45	18 9	2 38	13 49	2 48	1 56	0 16	23 15	0 10	20 30	0 2	19 1	0 15	0 27	1 22	0 21	15 56	3 7	2 56	0 32	8 44	7 2
S 17	23 22	1s11	0 32	18 34	2 28	13 53	2 53	2 7	0 14	23 15	0 10	20 31	0 2	19 2	0 15	0 27	1 22	0 21	15 56	3 7	2 55	0 30	8 44	7 2
M18	23 23	5 35	0n42	19 0	2 18	13 58	2 57	2 17	0 13	23 14	0 10	20 32	0 2	19 3	0 15	0 27	1 22	0 21	15 56	3 7	2 54	0 29	8 44	7 2
T 19	23 24	9 40	1 54	19 25	2 8	14 3	3 2	2 27	0 11	23 14	0 10	20 33	0 2	19 3	0 15	0 27	1 22	0 21	15 57	3 7	2 53	0 27	8 45	7 3
W20	23 25	13 11	2 59	19 50	1 58	14 8	3 6	2 38	0 10	23 14	0 10	20 33	0 2	19 4	0 15	0 27	1 22	0 21	15 57	3 5	2 51	0 25	8 45	7 3
T 21	23 25	15 55	3 52	20 15	1 47	14 14	3 10	2 48	0 8	23 14	0 10	20 34	0 2	19 5	0 15	0 26	1 22	0 21	15 57	3 3	2 50	0 23	8 45	7 4
F 22	23 25	17 42	4 31	20 40	1 36	14 21	3 13	2 59	0 7	23 14	0 10	20 35	0 2	19 5	0 15	0 26	1 22	0 21	15 57	2 59	2 49	0 21	8 45	7 4
S 23	23 25	18 26	4 54	21 4	1 24	14 28	3 17	3 10	0 5	23 14	0 10	20 36	0 2	19 6	0 15	0 26	1 22	0 21	15 57	2 55	2 48	0 19	8 45	7 4
S 24	23 24	18 8	5 1	21 27	1 13	14 35	3 20	3 21	0 4	23 14	0 10	20 37	0 2	19 7	0 15	0 26	1 22	0 22	15 58	2 50	2 46	0 18	8 46	7 5
M25	23 22	16 52	4 51	21 49	1 1	14 43	3 22	3 32	0 2	23 13	0 10	20 38	0 2	19 8	0 15	0 26	1 22	0 22	15 58	2 45	2 45	0 16	8 46	7 5
T 26	23 21	14 47	4 27	22 11	0 49	14 51	3 25	3 43	0 1	23 13	0 9	20 38	0 3	19 8	0 15	0 26	1 22	0 22	15 58	2 41	2 44	0 14	8 46	7 5
W27	23 18	12 3	3 50	22 31	0 37	14 59	3 27	3 54	0s 0	23 13	0 9	20 39	0 3	19 9	0 15	0 25	1 22	0 22	15 58	2 37	2 43	0 12	8 47	7 5
T 28	23 16	8 51	3 3	22 49	0 26	15 8	3 29	4 5	0 2	23 13	0 9	20 40	0 3	19 10	0 15	0 25	1 22	0 22	15 59	2 35	2 41	0 10	8 47	7 6
F 29	23 13	5 20	2 9	23 6	0 14	15 17	3 31	4 17	0 3	23 12	0 9	20 41	0 3	19 10	0 15	0 25	1 22	0 22	15 59	2 33	2 40	0 8	8 47	7 6
S 30	23n 9	1s39	1n10	23n21	0s 3	15n27	3s33	4s28	0s 4	23n12	0s 9	20s42	0s 3	19n11	0s15	0n25	1n22	0n22	15s59	2s33	2s39	0s 7	8s48	7n 6

Julian Day Number = 2491142.5, Delta T = 97.22 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°15'18, Lahiri = 25°22'19

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ASTRODIENST EPHEMERIS for the year 2108
geocentric

JULY 2108 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 49	9♋22'46	4♈58	29♊13	25♉16	11♎35	4♋36	27°R24	26♉50	2♎ 8	12♉41	6°R24	6♎37	28♓ 1	17°R29	S 1
M 2	18 40 45	10°19'59	16°48	1♋18	26° 3	12° 2	4°49	27♑20	26°53	2° 8	12°42	6♎24	6°34	28° 8	17♒26	M 2
T 3	18 44 42	11°17'12	28°46	3°24	26°50	12°29	5° 3	27°16	26°56	2° 9	12°43	6°23	6°31	28°14	17°24	T 3
W 4	18 48 38	12°14'26	10♉56	5°32	27°38	12°56	5°17	27°12	26°58	2°10	12°43	6°21	6°28	28°21	17°21	W 4
T 5	18 52 35	13°11'39	23°23	7°41	28°27	13°24	5°30	27° 7	27° 1	2°10	12°44	6°16	6°25	28°28	17°19	T 5
F 6	18 56 31	14° 8'53	6♊11	9°51	29°17	13°52	5°44	27° 3	27° 4	2°11	12°45	6° 8	6°21	28°34	17°16	F 6
S 7	19 0 28	15° 6'07	19°22	12° 1	0♊ 7	14°20	5°58	26°59	27° 6	2°12	12°46	5°59	6°18	28°41	17°14	S 7
S 8	19 4 24	16° 3'21	2♋54	14°11	0°58	14°49	6°11	26°55	27° 9	2°13	12°46	5°47	6°15	28°48	17°11	S 8
M 9	19 8 21	17° 0'35	16°48	16°21	1°50	15°18	6°25	26°50	27°11	2°13	12°47	5°36	6°12	28°54	17° 9	M 9
T 10	19 12 18	17°57'49	0♌57	18°31	2°42	15°47	6°39	26°46	27°14	2°14	12°48	5°25	6° 9	29° 1	17° 6	T 10
W11	19 16 14	18°55'04	15°17	20°41	3°35	16°16	6°52	26°42	27°16	2°15	12°48	5°16	6° 6	29° 8	17° 3	W11
T 12	19 20 11	19°52'18	29°43	22°49	4°28	16°46	7° 6	26°37	27°19	2°16	12°49	5°10	6° 2	29°14	17° 0	T 12
F 13	19 24 7	20°49'32	14♍ 8	24°57	5°22	17°15	7°19	26°33	27°21	2°17	12°50	5° 6	5°59	29°21	16°58	F 13
S 14	19 28 4	21°46'46	28°29	27° 3	6°16	17°45	7°33	26°28	27°24	2°18	12°50	5° 5	5°56	29°28	16°55	S 14
S 15	19 32 0	22°44'00	12♎42	29° 8	7°11	18°16	7°46	26°24	27°26	2°19	12°51	5°D 4	5°53	29°34	16°52	S 15
M16	19 35 57	23°41'14	26°47	1♌11	8° 7	18°46	8° 0	26°19	27°28	2°20	12°51	5°R 5	5°50	29°41	16°49	M16
T 17	19 39 53	24°38'28	10♏42	3°13	9° 3	19°17	8°13	26°15	27°30	2°21	12°52	5° 4	5°47	29°47	16°46	T 17
W18	19 43 50	25°35'42	24°28	5°13	9°59	19°48	8°26	26°11	27°33	2°22	12°52	5° 1	5°43	29°54	16°43	W18
T 19	19 47 47	26°32'57	8♐ 3	7°12	10°56	20°19	8°40	26° 6	27°35	2°23	12°53	4°55	5°40	0♈ 1	16°40	T 19
F 20	19 51 43	27°30'11	21°28	9° 9	11°53	20°51	8°53	26° 2	27°37	2°24	12°53	4°47	5°37	0° 7	16°37	F 20
S 21	19 55 40	28°27'26	4♑41	11° 4	12°51	21°22	9° 6	25°57	27°39	2°26	12°54	4°37	5°34	0°14	16°34	S 21
S 22	19 59 36	29°24'41	17°42	12°58	13°49	21°54	9°20	25°53	27°41	2°27	12°54	4°26	5°31	0°21	16°31	S 22
M23	20 3 33	0♌21'56	0♒28	14°49	14°47	22°26	9°33	25°48	27°43	2°28	12°55	4°16	5°27	0°27	16°28	M23
T 24	20 7 29	1°19'12	13° 0	16°39	15°46	22°58	9°46	25°44	27°45	2°29	12°55	4° 6	5°24	0°34	16°25	T 24
W25	20 11 26	2°16'29	25°19	18°27	16°45	23°31	9°59	25°40	27°47	2°31	12°56	3°58	5°21	0°41	16°22	W25
T 26	20 15 22	3°13'46	7♓26	20°13	17°45	24° 3	10°12	25°35	27°49	2°32	12°56	3°52	5°18	0°47	16°18	T 26
F 27	20 19 19	4°11'04	19°22	21°58	18°44	24°36	10°25	25°31	27°51	2°33	12°56	3°49	5°15	0°54	16°15	F 27
S 28	20 23 16	5° 8'23	1♈12	23°41	19°45	25° 9	10°39	25°26	27°53	2°35	12°57	3°D48	5°12	1° 1	16°12	S 28
S 29	20 27 12	6° 5'42	12°59	25°21	20°45	25°42	10°52	25°22	27°54	2°36	12°57	3°48	5° 8	1° 7	16° 9	S 29
M30	20 31 9	7° 3'03	24°49	27° 1	21°46	26°16	11° 5	25°18	27°56	2°37	12°57	3°49	5° 5	1°14	16° 6	M30
T 31	20 35 5	8♌ 0'24	6♉46	28♌38	22♊48	26♎49	11♋17	25♑14	27♉58	2♎39	12♉58	3°R49	5♎ 2	1♈21	16♒ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 5	2n 5	0n 8	23n34	0n 8	15n36	3s34	4s40	0s 6	23n12	0s 9	20s43	0s 3	19n12	0s15	0n24	1n22	0n22	15s59	2s32	2s38	0s 5	8s48	7n 7
M 2	23 1	5 45	0s55	23 44	0 19	15 46	3 35	4 52	0 7	23 11	0 9	20 44	0 3	19 12	0 15	0 24	1 22	0 22	16 0	2 32	2 36	0 3	8 49	7 7
T 3	22 57	9 13	1 56	23 52	0 30	15 56	3 36	5 3	0 8	23 11	0 9	20 45	0 3	19 13	0 15	0 24	1 22	0 22	16 0	2 32	2 35	0 1	8 49	7 7
W 4	22 52	12 22	2 52	23 58	0 40	16 6	3 37	5 15	0 10	23 10	0 9	20 46	0 3	19 13	0 15	0 23	1 22	0 22	16 0	2 31	2 34	0n 1	8 49	7 7
T 5	22 46	15 2	3 42	24 1	0 49	16 16	3 38	5 27	0 11	23 10	0 9	20 46	0 3	19 14	0 15	0 23	1 22	0 22	16 0	2 29	2 33	0 3	8 50	7 8
F 6	22 40	17 2	4 22	24 1	0 58	16 26	3 38	5 39	0 12	23 9	0 9	20 47	0 3	19 15	0 15	0 23	1 22	0 21	16 1	2 26	2 31	0 4	8 50	7 8
S 7	22 34	18 12	4 49	23 59	1 6	16 36	3 38	5 51	0 13	23 9	0 8	20 48	0 3	19 15	0 15	0 23	1 22	0 21	16 1	2 22	2 30	0 6	8 51	7 8
S 8	22 27	18 23	5 1	23 53	1 14	16 47	3 38	6 3	0 14	23 8	0 8	20 49	0 4	19 16	0 15	0 22	1 22	0 21	16 1	2 18	2 29	0 8	8 51	7 8
M 9	22 20	17 29	4 56	23 45	1 21	16 57	3 38	6 16	0 16	23 8	0 8	20 50	0 4	19 16	0 15	0 22	1 22	0 21	16 1	2 13	2 28	0 10	8 52	7 9
T 10	22 13	15 30	4 32	23 35	1 27	17 7	3 38	6 28	0 17	23 7	0 8	20 51	0 4	19 17	0 15	0 21	1 22	0 21	16 2	2 9	2 26	0 12	8 53	7 9
W11	22 5	12 33	3 52	23 21	1 32	17 18	3 37	6 40	0 18	23 7	0 8	20 52	0 4	19 18	0 15	0 21	1 21	0 21	16 2	2 5	2 25	0 14	8 53	7 9
T 12	21 57	8 49	2 56	23 5	1 37	17 28	3 37	6 53	0 19	23 6	0 8	20 53	0 4	19 18	0 15	0 21	1 21	0 21	16 2	2 3	2 24	0 15	8 54	7 9
F 13	21 49	4 34	1 49	22 47	1 41	17 38	3 36	7 5	0 20	23 5	0 8	20 54	0 4	19 19	0 15	0 20	1 21	0 21	16 3	2 1	2 23	0 17	8 54	7 10
S 14	21 40	0 4	0 35	22 26	1 44	17 48	3 35	7 17	0 21	23 5	0 8	20 55	0 4	19 19	0 15	0 20	1 21	0 21	16 3	2 1	2 21	0 19	8 55	7 10
S 15	21 30	4s24	0n40	22 3	1 46	17 58	3 34	7 30	0 22	23 4	0 8	20 56	0 4	19 20	0 15	0 19	1 21	0 21	16 3	2 1	2 20	0 21	8 56	7 10
M16	21 21	8 34	1 53	21 38	1 48	18 8	3 33	7 43	0 23	23 3	0 8	20 57	0 4	19 20	0 15	0 19	1 21	0 21	16 3	2 1	2 19	0 23	8 56	7 10
T 17	21 11	12 13	2 57	21 11	1 49	18 18	3 32	7 55	0 25	23 3	0 8	20 57	0 4	19 21	0 15	0 19	1 21	0 21	16 4	2 1	2 18	0 25	8 57	7 10
W18	21 0	15 8	3 51	20 43	1 49	18 28	3 30	8 8	0 26	23 2	0 7	20 58	0 4	19 21	0 15	0 18	1 21	0 20	16 4	1 59	2 16	0 26	8 58	7 10
T 19	20 50	17 11	4 31	20 13	1 49	18 37	3 29	8 21	0 27	23 1	0 7	20 59	0 5	19 22	0 15	0 18	1 21	0 20	16 4	1 57	2 15	0 28	8 59	7 11
F 20	20 39	18 14	4 55	19 41	1 48	18 47	3 27	8 34	0 28	23 0	0 7	21 0	0 5	19 22	0 15	0 17	1 21	0 20	16 5	1 54	2 14	0 30	8 59	7 11
S 21	20 27	18 17	5 3	19 8	1 46	18 56	3 25	8 46	0 29	22 59	0 7	21 1	0 5	19 23	0 15	0 17	1 21	0 20	16 5	1 50	2 13	0 32	9 0	7 11
S 22	20 16	17 22	4 55	18 34	1 44	19 5	3 23	8 59	0 30	22 59	0 7	21 2	0 5	19 23	0 15	0 16	1 21	0 20	16 5	1 46	2 11	0 34	9 1	7 11
M23	20 4	15 36	4 32	17 59	1 41	19 14	3 21	9 12	0 31	22 58	0 7	21 3	0 5	19 24	0 15	0 16	1 21	0 20	16 6	1 42	2 10	0 36	9 2	7 11
T 24	19 51	13 7	3 57	17 23	1 37	19 22	3 19	9 25	0 32	22 57	0 7	21 4	0 5	19 24	0 15	0 15	1 21	0 19	16 6	1 38	2 9	0 37	9 2	7 11
W25	19 38	10 5	3 11	16 46	1 33	19 30	3 17	9 38	0 33	22 56	0 7	21 5	0 5	19 24	0 15	0 15	1 21	0 19	16 6	1 34	2 7	0 39	9 3	7 11
T 26	19 25	6 40	2 16	16 8	1 29	19 38	3 14	9 51	0 34	22 55	0 7	21 6	0 5	19 25	0 15	0 14	1 21	0 19	16 6	1 32	2 6	0 41	9 4	7 11
F 27	19 12	3 2	1 17	15 30	1 24	19 46	3 12	10 4	0 35	22 54	0 7	21 7	0 5	19 25	0 15	0 13	1 21	0 19	16 7	1 31	2 5	0 43	9 5	7 11
S 28	18 58	0n41	0 14	14 51	1 19	19 53	3 9	10 17	0 35	22 53	0 7	21 7	0 5	19 26	0 15	0 13	1 21	0 19	16 7	1 30	2 4	0 45	9 6	7 11
S 29	18 44	4 22	0s49	14 12	1 13	20 0	3 7	10 30	0 36	22 52	0 6	21 8	0 5	19 26	0 15	0 12	1 21	0 18	16 7	1 31	2 2	0 47	9 7	7 12
M30	18 30	7 53	1 51	13 32	1 6	20 6	3 4	10 43	0 37	22 51	0 6	21 9	0 6	19 26	0 15	0 12	1 21	0 18	16 8	1 31	2 1	0 48	9 8	7 12
T 31	18n15	11n 7	2s48	12n53	1n 0	20n13	3s 1	10s56	0s38	22n50	0s 6	21s10	0s 6	19n27	0s15	0n11	1n21	0n18	16s 8	1s31	2s 0	0n50	9s 8	7n12

Julian Day Number = 2491172.5, Delta T = 97.26 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°15'22, Lahiri = 25°22'23

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ASTRODIENST EPHEMERIS for the year 2108
geocentric

AUGUST 2108 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 39 2	8♌57'47	18♉56	0♍14	23♊49	27♎23	11♋30	25°R 9	27♉59	2♎40	12♉58	3°R49	4♎59	1♈27	15°R59	W 1
T 2	20 42 58	9°55'11	1♊24	1°48	24°51	27°57	11°43	25♏ 5	28° 1	2°42	12°58	3♎47	4°56	1°34	15♒56	T 2
F 3	20 46 55	10°52'36	14°14	3°20	25°53	28°31	11°56	25° 1	28° 3	2°43	12°58	3°42	4°52	1°40	15°53	F 3
S 4	20 50 51	11°50'02	27°29	4°51	26°55	29° 5	12° 9	24°57	28° 4	2°45	12°58	3°36	4°49	1°47	15°50	S 4
S 5	20 54 48	12°47'29	11♋10	6°19	27°58	29°40	12°21	24°53	28° 5	2°46	12°59	3°29	4°46	1°54	15°46	S 5
M 6	20 58 45	13°44'57	25°16	7°46	29° 1	0♏15	12°34	24°48	28° 7	2°48	12°59	3°21	4°43	2° 0	15°43	M 6
T 7	21 2 41	14°42'26	9♌43	9°11	0♋ 4	0°49	12°47	24°44	28° 8	2°50	12°59	3°13	4°40	2° 7	15°40	T 7
W 8	21 6 38	15°39'56	24°25	10°35	1° 8	1°24	12°59	24°40	28°10	2°51	12°59	3° 7	4°37	2°14	15°37	W 8
T 9	21 10 34	16°37'27	9♍14	11°56	2°11	1°59	13°12	24°36	28°11	2°53	12°59	3° 3	4°33	2°20	15°33	T 9
F 10	21 14 31	17°34'59	24° 2	13°16	3°15	2°35	13°24	24°32	28°12	2°54	12°59	3° 1	4°30	2°27	15°30	F 10
S 11	21 18 27	18°32'32	8♎43	14°33	4°20	3°10	13°37	24°29	28°13	2°56	12°59	3°D 1	4°27	2°34	15°27	S 11
S 12	21 22 24	19°30'05	23°12	15°49	5°24	3°46	13°49	24°25	28°14	2°58	12°R59	3° 2	4°24	2°40	15°23	S 12
M13	21 26 20	20°27'40	7♏25	17° 2	6°29	4°22	14° 1	24°21	28°15	3° 0	12°59	3° 3	4°21	2°47	15°20	M13
T 14	21 30 17	21°25'15	21°21	18°14	7°33	4°58	14°13	24°17	28°16	3° 1	12°59	3°R 3	4°18	2°54	15°17	T 14
W15	21 34 14	22°22'51	5♐ 1	19°23	8°38	5°34	14°25	24°14	28°17	3° 3	12°59	3° 3	4°14	3° 0	15°14	W15
T 16	21 38 10	23°20'28	18°24	20°30	9°44	6°10	14°37	24°10	28°18	3° 5	12°59	3° 0	4°11	3° 7	15°11	T 16
F 17	21 42 7	24°18'07	1♑31	21°34	10°49	6°47	14°49	24° 7	28°19	3° 7	12°59	2°56	4° 8	3°13	15° 7	F 17
S 18	21 46 3	25°15'46	14°25	22°36	11°55	7°23	15° 1	24° 3	28°20	3° 9	12°59	2°51	4° 5	3°20	15° 4	S 18
S 19	21 50 0	26°13'26	27° 5	23°35	13° 1	8° 0	15°13	24° 0	28°21	3°10	12°59	2°44	4° 2	3°27	15° 1	S 19
M20	21 53 56	27°11'07	9♒33	24°32	14° 7	8°37	15°25	23°56	28°22	3°12	12°59	2°38	3°58	3°33	14°58	M20
T 21	21 57 53	28° 8'50	21°50	25°26	15°13	9°14	15°37	23°53	28°22	3°14	12°58	2°33	3°55	3°40	14°55	T 21
W22	22 1 49	29° 6'33	3♓56	26°17	16°19	9°51	15°48	23°50	28°23	3°16	12°58	2°28	3°52	3°47	14°52	W22
T 23	22 5 46	0♍ 4'19	15°54	27° 4	17°26	10°28	16° 0	23°47	28°24	3°18	12°58	2°25	3°49	3°53	14°48	T 23
F 24	22 9 42	1° 2'05	27°46	27°48	18°33	11° 6	16°11	23°44	28°24	3°20	12°58	2°D24	3°46	4° 0	14°45	F 24
S 25	22 13 39	1°59'53	9♈34	28°29	19°40	11°43	16°23	23°41	28°25	3°22	12°58	2°24	3°43	4° 7	14°42	S 25
S 26	22 17 36	2°57'43	21°21	29° 5	20°47	12°21	16°34	23°38	28°25	3°24	12°57	2°25	3°39	4°13	14°39	S 26
M27	22 21 32	3°55'34	3♉10	29°38	21°54	12°59	16°45	23°35	28°25	3°26	12°57	2°27	3°36	4°20	14°36	M27
T 28	22 25 29	4°53'28	15° 8	0♎ 6	23° 1	13°37	16°57	23°32	28°26	3°28	12°57	2°29	3°33	4°27	14°33	T 28
W29	22 29 25	5°51'23	27°17	0°30	24° 9	14°15	17° 8	23°29	28°26	3°30	12°56	2°30	3°30	4°33	14°30	W29
T 30	22 33 22	6°49'19	9♊43	0°49	25°17	14°53	17°19	23°27	28°26	3°32	12°56	2°R30	3°27	4°40	14°27	T 30
F 31	22 37 18	7♍47'18	22♊30	1♎ 3	26♋25	15♏31	17♋30	23♏24	28♉26	3♎34	12♉56	2♎29	3♎24	4♈46	14♒24	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n 0	13n56	3s38	12n12	0n53	20n19	2s58	11s 9	0s39	22n49	0s 6	21s11	0s 6	19n27	0s15	0n10	1n21	0n18	16s 8	1s31	1s59	0n52	9s 9	7n12
T 2	17 45	16 11	4 20	11 32	0 45	20 24	2 55	11 22	0 40	22 48	0 6	21 12	0 6	19 28	0 15	0 10	1 21	0 18	16 9	1 30	1 57	0 54	9 10	7 12
F 3	17 29	17 41	4 50	10 52	0 38	20 29	2 52	11 35	0 41	22 47	0 6	21 13	0 6	19 28	0 15	0 9	1 21	0 17	16 9	1 28	1 56	0 56	9 11	7 12
S 4	17 14	18 18	5 6	10 11	0 30	20 34	2 49	11 48	0 42	22 46	0 6	21 13	0 6	19 28	0 15	0 9	1 21	0 17	16 9	1 26	1 55	0 58	9 12	7 12
S 5	16 58	17 54	5 5	9 31	0 22	20 39	2 46	12 1	0 43	22 45	0 6	21 14	0 6	19 29	0 15	0 8	1 21	0 17	16 10	1 23	1 54	0 59	9 13	7 12
M 6	16 41	16 23	4 45	8 51	0 13	20 42	2 43	12 14	0 43	22 44	0 6	21 15	0 6	19 29	0 15	0 7	1 21	0 17	16 10	1 20	1 52	1 1	9 14	7 12
T 7	16 25	13 49	4 8	8 11	0 4	20 46	2 39	12 27	0 44	22 43	0 6	21 16	0 6	19 29	0 15	0 7	1 21	0 16	16 10	1 17	1 51	1 3	9 15	7 12
W 8	16 8	10 20	3 13	7 31	0s 5	20 49	2 36	12 40	0 45	22 42	0 6	21 17	0 6	19 29	0 15	0 6	1 21	0 16	16 11	1 14	1 50	1 5	9 16	7 12
T 9	15 51	6 10	2 5	6 52	0 14	20 52	2 33	12 52	0 46	22 41	0 5	21 17	0 6	19 30	0 15	0 5	1 21	0 16	16 11	1 13	1 49	1 7	9 17	7 12
F 10	15 33	1 38	0 48	6 13	0 24	20 54	2 29	13 5	0 47	22 40	0 5	21 18	0 6	19 30	0 15	0 5	1 21	0 15	16 11	1 12	1 47	1 9	9 18	7 12
S 11	15 16	2s59	0n31	5 34	0 33	20 56	2 26	13 18	0 47	22 38	0 5	21 19	0 7	19 30	0 15	0 4	1 21	0 15	16 11	1 12	1 46	1 10	9 19	7 11
S 12	14 58	7 21	1 47	4 56	0 43	20 57	2 22	13 31	0 48	22 37	0 5	21 20	0 7	19 30	0 15	0 3	1 21	0 15	16 12	1 12	1 45	1 12	9 20	7 11
M13	14 40	11 12	2 56	4 18	0 53	20 58	2 18	13 44	0 49	22 36	0 5	21 21	0 7	19 31	0 15	0 3	1 20	0 15	16 12	1 13	1 44	1 14	9 21	7 11
T 14	14 21	14 21	3 52	3 41	1 3	20 58	2 15	13 57	0 50	22 35	0 5	21 21	0 7	19 31	0 15	0 2	1 20	0 14	16 12	1 13	1 42	1 16	9 22	7 11
W15	14 3	16 37	4 35	3 5	1 13	20 58	2 11	14 10	0 50	22 34	0 5	21 22	0 7	19 31	0 15	0 1	1 20	0 14	16 13	1 13	1 41	1 18	9 23	7 11
T 16	13 44	17 55	5 1	2 29	1 24	20 57	2 7	14 22	0 51	22 32	0 5	21 23	0 7	19 31	0 15	0 0	1 20	0 14	16 13	1 12	1 40	1 20	9 24	7 11
F 17	13 25	18 14	5 11	1 54	1 34	20 56	2 3	14 35	0 52	22 31	0 5	21 23	0 7	19 32	0 15	0s 0	1 20	0 13	16 13	1 10	1 39	1 21	9 25	7 11
S 18	13 5	17 36	5 5	1 20	1 44	20 54	2 0	14 48	0 53	22 30	0 5	21 24	0 7	19 32	0 15	0 1	1 20	0 13	16 14	1 8	1 37	1 23	9 26	7 11
S 19	12 46	16 5	4 43	0 47	1 55	20 52	1 56	15 0	0 53	22 29	0 5	21 25	0 7	19 32	0 15	0 2	1 20	0 13	16 14	1 5	1 36	1 25	9 27	7 11
M20	12 26	13 51	4 9	0 15	2 5	20 49	1 52	15 13	0 54	22 28	0 4	21 25	0 7	19 32	0 15	0 3	1 20	0 12	16 14	1 3	1 35	1 27	9 28	7 10
T 21	12 7	11 0	3 24	0s16	2 16	20 46	1 48	15 25	0 55	22 26	0 4	21 26	0 7	19 32	0 15	0 3	1 20	0 12	16 15	1 1	1 33	1 29	9 29	7 10
W22	11 47	7 44	2 30	0 45	2 26	20 42	1 44	15 38	0 55	22 25	0 4	21 27	0 7	19 32	0 15	0 4	1 20	0 12	16 15	0 59	1 32	1 31	9 30	7 10
T 23	11 26	4 11	1 29	1 14	2 36	20 38	1 40	15 50	0 56	22 24	0 4	21 27	0 7	19 32	0 15	0 5	1 20	0 11	16 15	0 58	1 31	1 32	9 31	7 10
F 24	11 6	0 30	0 25	1 40	2 47	20 33	1 36	16 3	0 57	22 22	0 4	21 28	0 8	19 33	0 15	0 6	1 20	0 11	16 15	0 57	1 30	1 34	9 32	7 10
S 25	10 45	3n11	0s39	2 6	2 57	20 28	1 32	16 15	0 57	22 21	0 4	21 28	0 8	19 33	0 15	0 7	1 20	0 11	16 16	0 57	1 28	1 36	9 33	7 10
S 26	10 25	6 44	1 42	2 29	3 6	20 22	1 28	16 27	0 58	22 20	0 4	21 29	0 8	19 33	0 15	0 7	1 20	0 10	16 16	0 58	1 27	1 38	9 34	7 9
M27	10 4	10 2	2 41	2 51	3 16	20 15	1 24	16 39	0 59	22 19	0 4	21 30	0 8	19 33	0 15	0 8	1 20	0 10	16 16	0 58	1 26	1 40	9 35	7 9
T 28	9 43	12 57	3 34	3 11	3 25	20 8	1 20	16 51	0 59	22 17	0 4	21 30	0 8	19 33	0 15	0 9	1 20	0 10	16 17	0 59	1 25	1 41	9 36	7 9
W29	9 21	15 21	4 18	3 28	3 34	20 1	1 16	17 3	1 0	22 16	0 4	21 31	0 8	19 33	0 15	0 10	1 20	0 9	16 17	1 0	1 23	1 43	9 37	7 9
T 30	9 0	17 6	4 51	3 44	3 42	19 53	1 13	17 15	1 0	22 15	0 4	21 31	0 8	19 33	0 15	0 11	1 20	0 9	16 17	1 0	1 22	1 45	9 38	7 9
F 31	8n39	18n 3	5s11	3s56	3s50	19n44	1s 9	17s27	1s 1	22n13	0s 3	21s32	0s 8	19n33	0s15	0s11	1n20	0n 8	16s18	0s59	1s21	1n47	9s39	7n 8

Julian Day Number = 2491203.5, Delta T = 97.30 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°15'27, Lahiri = 25°22'27

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ASTRODIENST EPHEMERIS for the year 2108
geocentric

SEPTEMBER 2108 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 15	8♍45'19	5♋42	1♎11	27♋33	16♏10	17♋41	23°R22	28♉27	3♎36	12°R55	2°R28	3♎20	4♈53	14°R22	S 1
S 2	22 45 11	9°43'21	19°21	1°R14	28°41	16°48	17°51	23♂19	28°27	3°38	12♉55	2♎25	3°17	5° 0	14♒19	S 2
M 3	22 49 8	10°41'25	3♌27	1°12	29°50	17°27	18° 2	23°17	28°R27	3°40	12°54	2°22	3°14	5° 6	14°16	M 3
T 4	22 53 5	11°39'31	17°58	1° 3	0♌58	18° 6	18°13	23°15	28°27	3°42	12°54	2°19	3°11	5°13	14°13	T 4
W 5	22 57 1	12°37'39	2♍50	0°47	2° 7	18°45	18°23	23°13	28°27	3°44	12°54	2°17	3° 8	5°20	14°10	W 5
T 6	23 0 58	13°35'48	17°53	0°26	3°16	19°24	18°33	23°11	28°26	3°46	12°53	2°15	3° 4	5°26	14° 8	T 6
F 7	23 4 54	14°33'59	3♎ 0	29♍58	4°25	20° 3	18°44	23° 9	28°26	3°49	12°53	2°D15	3° 1	5°33	14° 5	F 7
S 8	23 8 51	15°32'12	18° 1	29°24	5°34	20°43	18°54	23° 7	28°26	3°51	12°52	2°15	2°58	5°40	14° 3	S 8
S 9	23 12 47	16°30'26	2♏49	28°44	6°43	21°22	19° 4	23° 5	28°26	3°53	12°51	2°16	2°55	5°46	14° 0	S 9
M10	23 16 44	17°28'42	17°17	27°59	7°52	22° 2	19°14	23° 3	28°26	3°55	12°51	2°18	2°52	5°53	13°57	M10
T 11	23 20 40	18°26'59	1♐24	27° 8	9° 2	22°42	19°24	23° 2	28°25	3°57	12°50	2°19	2°49	6° 0	13°55	T 11
W12	23 24 37	19°25'18	15° 7	26°13	10°11	23°22	19°34	23° 0	28°25	3°59	12°50	2°R19	2°45	6° 6	13°53	W12
T 13	23 28 34	20°23'39	28°27	25°15	11°21	24° 1	19°43	22°59	28°24	4° 1	12°49	2°19	2°42	6°13	13°50	T 13
F 14	23 32 30	21°22'01	11♑27	24°14	12°31	24°42	19°53	22°57	28°24	4° 4	12°48	2°18	2°39	6°19	13°48	F 14
S 15	23 36 27	22°20'24	24° 8	23°13	13°41	25°22	20° 2	22°56	28°23	4° 6	12°48	2°17	2°36	6°26	13°46	S 15
S 16	23 40 23	23°18'49	6♒34	22°12	14°51	26° 2	20°11	22°55	28°23	4° 8	12°47	2°16	2°33	6°33	13°43	S 16
M17	23 44 20	24°17'16	18°48	21°12	16° 1	26°42	20°21	22°54	28°22	4°10	12°46	2°15	2°29	6°39	13°41	M17
T 18	23 48 16	25°15'44	0♓52	20°16	17°12	27°23	20°30	22°53	28°21	4°12	12°46	2°14	2°26	6°46	13°39	T 18
W19	23 52 13	26°14'14	12°48	19°25	18°22	28° 4	20°39	22°52	28°20	4°15	12°45	2°13	2°23	6°53	13°37	W19
T 20	23 56 9	27°12'46	24°39	18°40	19°33	28°44	20°48	22°52	28°20	4°17	12°44	2°13	2°20	6°59	13°35	T 20
F 21	0 0 6	28°11'20	6♈28	18° 2	20°43	29°25	20°56	22°51	28°19	4°19	12°44	2°D13	2°17	7° 6	13°33	F 21
S 22	0 4 2	29° 9'56	18°15	17°32	21°54	0♐ 6	21° 5	22°50	28°18	4°21	12°43	2°13	2°14	7°13	13°31	S 22
S 23	0 7 59	0♎ 8'33	0♉ 4	17°11	23° 5	0°47	21°13	22°50	28°17	4°23	12°42	2°13	2°10	7°19	13°29	S 23
M24	0 11 56	1° 7'13	11°58	16°59	24°16	1°28	21°22	22°50	28°16	4°26	12°41	2°13	2° 7	7°26	13°27	M24
T 25	0 15 52	2° 5'55	23°59	16°D58	25°27	2°10	21°30	22°49	28°15	4°28	12°40	2°R14	2° 4	7°33	13°25	T 25
W26	0 19 49	3° 4'40	6♊10	17° 6	26°38	2°51	21°38	22°49	28°14	4°30	12°40	2°13	2° 1	7°39	13°24	W26
T 27	0 23 45	4° 3'26	18°37	17°24	27°50	3°32	21°46	22°D49	28°13	4°32	12°39	2°13	1°58	7°46	13°22	T 27
F 28	0 27 42	5° 2'15	1♋21	17°52	29° 1	4°14	21°54	22°49	28°11	4°35	12°38	2°D13	1°55	7°53	13°21	F 28
S 29	0 31 38	6° 1'06	14°27	18°29	0♍13	4°56	22° 1	22°49	28°10	4°37	12°37	2°13	1°51	7°59	13°19	S 29
S 30	0 35 35	6♎59'59	27♋57	19♍15	1♍24	5♐37	22♋ 9	22♂50	28♉ 9	4♎39	12♉36	2♎14	1♎48	8♈ 6	13♒17	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n17	18n 4	5s15	4s 6	3s58	19n35	1s 5	17s39	1s 2	22n12	0s 3	21s32	0s 8	19n33	0s15	0s12	1n20	0n 8	16s18	0s59	1s20	1n49	9s40	7n 8
S 2	7 55	17 3	5 2	4 14	4 4	19 25	1 1	17 50	1 2	22 11	0 3	21 33	0 8	19 33	0 15	0 13	1 20	0 8	16 18	0 58	1 18	1 51	9 42	7 8
M 3	7 33	14 59	4 30	4 18	4 10	19 15	0 57	18 2	1 3	22 9	0 3	21 33	0 8	19 33	0 15	0 14	1 20	0 7	16 18	0 56	1 17	1 52	9 43	7 8
T 4	7 11	11 56	3 41	4 18	4 14	19 4	0 53	18 13	1 3	22 8	0 3	21 34	0 8	19 33	0 15	0 15	1 20	0 7	16 19	0 55	1 16	1 54	9 44	7 7
W 5	6 49	8 2	2 36	4 16	4 18	18 53	0 49	18 25	1 4	22 7	0 3	21 34	0 8	19 33	0 15	0 16	1 20	0 6	16 19	0 54	1 15	1 56	9 45	7 7
T 6	6 27	3 35	1 19	4 9	4 20	18 41	0 45	18 36	1 4	22 5	0 3	21 34	0 9	19 33	0 15	0 16	1 20	0 6	16 19	0 54	1 13	1 58	9 46	7 7
F 7	6 4	1s 8	0n 4	3 59	4 21	18 29	0 41	18 47	1 5	22 4	0 3	21 35	0 9	19 33	0 15	0 17	1 20	0 6	16 19	0 54	1 12	2 0	9 47	7 6
S 8	5 42	5 44	1 26	3 45	4 21	18 16	0 37	18 58	1 5	22 3	0 3	21 35	0 9	19 33	0 15	0 18	1 20	0 5	16 20	0 54	1 11	2 1	9 48	7 6
S 9	5 19	9 55	2 41	3 27	4 19	18 3	0 33	19 9	1 6	22 2	0 3	21 36	0 9	19 33	0 15	0 19	1 20	0 5	16 20	0 54	1 10	2 3	9 49	7 6
M10	4 57	13 23	3 45	3 6	4 15	17 49	0 29	19 20	1 6	22 0	0 2	21 36	0 9	19 33	0 15	0 20	1 20	0 4	16 20	0 55	1 8	2 5	9 50	7 5
T 11	4 34	15 59	4 32	2 40	4 9	17 35	0 25	19 31	1 7	21 59	0 2	21 36	0 9	19 33	0 15	0 21	1 20	0 4	16 21	0 55	1 7	2 7	9 51	7 5
W12	4 11	17 34	5 3	2 12	4 1	17 20	0 22	19 41	1 7	21 58	0 2	21 37	0 9	19 33	0 15	0 22	1 20	0 4	16 21	0 55	1 6	2 9	9 52	7 5
T 13	3 48	18 8	5 17	1 40	3 52	17 4	0 18	19 52	1 8	21 56	0 2	21 37	0 9	19 33	0 15	0 22	1 20	0 3	16 21	0 55	1 4	2 11	9 53	7 4
F 14	3 25	17 44	5 13	1 5	3 40	16 49	0 14	20 2	1 8	21 55	0 2	21 37	0 9	19 32	0 15	0 23	1 20	0 3	16 21	0 55	1 3	2 12	9 54	7 4
S 15	3 2	16 26	4 55	0 29	3 27	16 32	0 10	20 12	1 9	21 54	0 2	21 37	0 9	19 32	0 15	0 24	1 20	0 2	16 22	0 55	1 2	2 14	9 55	7 4
S 16	2 39	14 23	4 22	0n 9	3 12	16 16	0 7	20 22	1 9	21 53	0 2	21 38	0 9	19 32	0 15	0 25	1 20	0 2	16 22	0 54	1 1	2 16	9 56	7 3
M17	2 16	11 43	3 39	0 48	2 55	15 58	0 3	20 32	1 10	21 51	0 2	21 38	0 9	19 32	0 15	0 26	1 20	0 2	16 22	0 54	0 59	2 18	9 57	7 3
T 18	1 53	8 35	2 46	1 26	2 38	15 41	0n 0	20 42	1 10	21 50	0 2	21 38	0 9	19 32	0 15	0 27	1 20	0 1	16 22	0 53	0 58	2 20	9 57	7 3
W19	1 30	5 7	1 46	2 4	2 19	15 23	0 4	20 52	1 11	21 49	0 2	21 38	0 9	19 32	0 15	0 28	1 20	0 1	16 22	0 53	0 57	2 21	9 58	7 2
T 20	1 6	1 29	0 42	2 39	1 59	15 4	0 7	21 1	1 11	21 48	0 1	21 39	0 10	19 31	0 15	0 29	1 20	0 0	16 23	0 53	0 56	2 23	9 59	7 2
F 21	0 43	2n12	0s24	3 12	1 39	14 45	0 11	21 11	1 11	21 46	0 1	21 39	0 10	19 31	0 15	0 29	1 20	0s 0	16 23	0 53	0 54	2 25	10 0	7 2
S 22	0 20	5 48	1 28	3 42	1 19	14 25	0 14	21 20	1 12	21 45	0 1	21 39	0 10	19 31	0 15	0 30	1 20	0 1	16 23	0 53	0 53	2 27	10 1	7 1
S 23	0s 3	9 10	2 29	4 9	1 0	14 6	0 18	21 29	1 12	21 44	0 1	21 39	0 10	19 31	0 15	0 31	1 20	0 1	16 23	0 53	0 52	2 29	10 2	7 1
M24	0 27	12 11	3 24	4 31	0 40	13 45	0 21	21 38	1 13	21 43	0 1	21 39	0 10	19 31	0 15	0 32	1 20	0 1	16 24	0 53	0 51	2 31	10 3	7 0
T 25	0 50	14 43	4 10	4 49	0 22	13 25	0 24	21 46	1 13	21 42	0 1	21 39	0 10	19 30	0 15	0 33	1 20	0 2	16 24	0 53	0 49	2 32	10 4	7 0
W26	1 13	16 38	4 46	5 2	0 4	13 3	0 27	21 55	1 13	21 40	0 1	21 39	0 10	19 30	0 15	0 34	1 20	0 2	16 24	0 53	0 48	2 34	10 5	6 59
T 27	1 37	17 48	5 9	5 11	0n13	12 42	0 31	22 3	1 14	21 39	0 1	21 39	0 10	19 30	0 15	0 35	1 20	0 3	16 24	0 53	0 47	2 36	10 6	6 59
F 28	2 0	18 7	5 18	5 14	0 29	12 20	0 34	22 11	1 14	21 38	0 1	21 40	0 10	19 30	0 15	0 36	1 20	0 3	16 24	0 53	0 46	2 38	10 6	6 59
S 29	2 23	17 29	5 11	5 13	0 43	11 58	0 37	22 19	1 14	21 37	0 0	21 40	0 10	19 29	0 15	0 36	1 20	0 4	16 25	0 53	0 44	2 40	10 7	6 58
S 30	2s47	15n52	4s47	5n 7	0n56	11n35	0n40	22s27	1s15	21n36	0s 0	21s40	0s10	19n29	0s15	0s37	1n20	0s 4	16s25	0s53	0s43	2n41	10s 8	6n58

Julian Day Number = 2491234.5, Delta T = 97.34 sec
Ecliptic obliquity = 23°25'22, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°15'31, Lahiri = 25°22'31

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OCTOBER 2108 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 39 31	7♎58'55	11♌54	20♍ 9	2♍36	6♐19	22♋16	22♑50	28°R 8	4♎41	12°R35	2♎14	1♎45	8♈12	13°R16	M 1
T 2	0 43 28	8°57'52	26°16	21°10	3°48	7° 1	22°24	22°50	28♉ 6	4°44	12♉34	2°15	1°42	8°19	13♒15	T 2
W 3	0 47 25	9°56'52	11♍ 1	22°18	5° 0	7°43	22°31	22°51	28° 5	4°46	12°34	2°15	1°39	8°26	13°13	W 3
T 4	0 51 21	10°55'54	26° 3	23°33	6°12	8°26	22°38	22°52	28° 3	4°48	12°33	2°R16	1°35	8°32	13°12	T 4
F 5	0 55 18	11°54'59	11♎14	24°53	7°24	9° 8	22°45	22°52	28° 2	4°50	12°32	2°15	1°32	8°39	13°11	F 5
S 6	0 59 14	12°54'05	26°26	26°17	8°36	9°50	22°51	22°53	28° 0	4°52	12°31	2°15	1°29	8°46	13°10	S 6
S 7	1 3 11	13°53'13	11♏28	27°46	9°48	10°33	22°58	22°54	27°59	4°55	12°30	2°14	1°26	8°52	13° 9	S 7
M 8	1 7 7	14°52'23	26°11	29°18	11° 1	11°15	23° 4	22°55	27°57	4°57	12°29	2°12	1°23	8°59	13° 8	M 8
T 9	1 11 4	15°51'36	10♐31	0♎53	12°13	11°58	23°10	22°56	27°56	4°59	12°28	2°11	1°20	9° 6	13° 7	T 9
W10	1 15 0	16°50'49	24°24	2°31	13°26	12°41	23°16	22°58	27°54	5° 1	12°27	2° 9	1°16	9°12	13° 6	W10
T 11	1 18 57	17°50'05	7♑50	4°10	14°38	13°23	23°22	22°59	27°52	5° 3	12°26	2° 8	1°13	9°19	13° 5	T 11
F 12	1 22 54	18°49'22	20°50	5°51	15°51	14° 6	23°28	23° 0	27°51	5° 6	12°25	2°D 8	1°10	9°26	13° 5	F 12
S 13	1 26 50	19°48'41	3♒28	7°33	17° 4	14°49	23°34	23° 2	27°49	5° 8	12°24	2° 9	1° 7	9°32	13° 4	S 13
S 14	1 30 47	20°48'02	15°47	9°16	18°16	15°32	23°39	23° 4	27°47	5°10	12°23	2°10	1° 4	9°39	13° 4	S 14
M15	1 34 43	21°47'25	27°53	10°59	19°29	16°16	23°44	23° 5	27°45	5°12	12°22	2°11	1° 0	9°45	13° 3	M15
T 16	1 38 40	22°46'49	9♓49	12°43	20°42	16°59	23°49	23° 7	27°43	5°14	12°21	2°13	0°57	9°52	13° 3	T 16
W17	1 42 36	23°46'15	21°39	14°27	21°55	17°42	23°54	23° 9	27°41	5°16	12°20	2°14	0°54	9°59	13° 2	W17
T 18	1 46 33	24°45'43	3♈27	16°11	23° 8	18°26	23°59	23°11	27°39	5°19	12°19	2°R14	0°51	10° 5	13° 2	T 18
F 19	1 50 29	25°45'13	15°14	17°55	24°21	19° 9	24° 4	23°13	27°37	5°21	12°17	2°14	0°48	10°12	13° 2	F 19
S 20	1 54 26	26°44'45	27° 5	19°39	25°35	19°53	24° 8	23°15	27°35	5°23	12°16	2°12	0°45	10°19	13° 1	S 20
S 21	1 58 22	27°44'19	9♉ 1	21°22	26°48	20°36	24°12	23°18	27°33	5°25	12°15	2° 9	0°41	10°25	13° 1	S 21
M22	2 2 19	28°43'55	21° 3	23° 5	28° 1	21°20	24°16	23°20	27°31	5°27	12°14	2° 4	0°38	10°32	13°D 1	M22
T 23	2 6 16	29°43'33	3♊13	24°48	29°15	22° 4	24°20	23°23	27°29	5°29	12°13	2° 0	0°35	10°39	13° 1	T 23
W24	2 10 12	0♏43'14	15°34	26°30	0♎28	22°48	24°24	23°25	27°27	5°31	12°12	1°55	0°32	10°45	13° 1	W24
T 25	2 14 9	1°42'56	28° 7	28°12	1°42	23°32	24°27	23°28	27°25	5°33	12°11	1°51	0°29	10°52	13° 2	T 25
F 26	2 18 5	2°42'41	10♋55	29°53	2°55	24°16	24°31	23°31	27°23	5°35	12°10	1°47	0°26	10°59	13° 2	F 26
S 27	2 22 2	3°42'28	23°59	1♏34	4° 9	25° 0	24°34	23°33	27°20	5°37	12° 9	1°45	0°22	11° 5	13° 2	S 27
S 28	2 25 58	4°42'17	7♌22	3°14	5°23	25°44	24°37	23°36	27°18	5°39	12° 8	1°D45	0°19	11°12	13° 3	S 28
M29	2 29 55	5°42'09	21° 7	4°54	6°37	26°28	24°40	23°39	27°16	5°41	12° 6	1°46	0°16	11°19	13° 3	M29
T 30	2 33 51	6°42'03	5♍13	6°33	7°51	27°13	24°42	23°43	27°14	5°43	12° 5	1°47	0°13	11°25	13° 4	T 30
W31	2 37 48	7♏41'58	19♍41	8♏12	9♎ 5	27♐57	24♋45	23♑46	27♉11	5♎45	12♉ 4	1♎49	0♎10	11♈32	13♒ 4	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s10	13n17	4s 5	4n56	1n 8	11n12	0n43	22s35	1s15	21n35	0s 0	21s40	0s10	19n29	0s15	0s38	1n20	0s 4	16s25	0s53	0s42	2n43	10s 9	6n57
T 2	3 33	9 49	3 7	4 42	1 18	10 49	0 46	22 42	1 15	21 34	0 0	21 40	0 10	19 28	0 15	0 39	1 20	0 5	16 25	0 53	0 40	2 45	10 10	6 57
W 3	3 56	5 39	1 55	4 23	1 27	10 25	0 48	22 50	1 16	21 33	0 0	21 40	0 10	19 28	0 15	0 40	1 20	0 5	16 25	0 54	0 39	2 47	10 10	6 56
T 4	4 19	1 3	0 34	4 1	1 35	10 1	0 51	22 57	1 16	21 32	0n 0	21 40	0 10	19 28	0 15	0 41	1 20	0 6	16 25	0 54	0 38	2 49	10 11	6 56
F 5	4 42	3s41	0n50	3 35	1 41	9 37	0 54	23 4	1 16	21 31	0 0	21 39	0 11	19 28	0 15	0 42	1 20	0 6	16 26	0 54	0 37	2 50	10 12	6 56
S 6	5 6	8 10	2 10	3 6	1 46	9 13	0 56	23 10	1 17	21 30	0 0	21 39	0 11	19 27	0 15	0 43	1 20	0 6	16 26	0 54	0 35	2 52	10 13	6 55
S 7	5 28	12 4	3 21	2 35	1 51	8 48	0 59	23 17	1 17	21 29	0 0	21 39	0 11	19 27	0 15	0 43	1 20	0 7	16 26	0 53	0 34	2 54	10 13	6 55
M 8	5 51	15 7	4 17	2 1	1 54	8 23	1 1	23 23	1 17	21 28	0 1	21 39	0 11	19 26	0 15	0 44	1 20	0 7	16 26	0 53	0 33	2 56	10 14	6 54
T 9	6 14	17 9	4 55	1 25	1 56	7 57	1 4	23 29	1 17	21 27	0 1	21 39	0 11	19 26	0 15	0 45	1 20	0 8	16 26	0 52	0 32	2 58	10 15	6 54
W10	6 37	18 4	5 14	0 47	1 57	7 32	1 6	23 35	1 18	21 26	0 1	21 39	0 11	19 26	0 15	0 46	1 20	0 8	16 26	0 51	0 30	2 59	10 16	6 53
T 11	7 0	17 57	5 15	0 8	1 57	7 6	1 8	23 41	1 18	21 25	0 1	21 39	0 11	19 25	0 15	0 47	1 20	0 8	16 26	0 51	0 29	3 1	10 16	6 53
F 12	7 22	16 52	5 0	0s33	1 56	6 40	1 11	23 46	1 18	21 24	0 1	21 39	0 11	19 25	0 15	0 48	1 20	0 9	16 27	0 51	0 28	3 3	10 17	6 52
S 13	7 45	14 58	4 31	1 14	1 55	6 13	1 13	23 51	1 18	21 23	0 1	21 38	0 11	19 25	0 15	0 48	1 20	0 9	16 27	0 51	0 27	3 5	10 17	6 52
S 14	8 7	12 26	3 50	1 56	1 53	5 47	1 15	23 56	1 19	21 22	0 1	21 38	0 11	19 24	0 15	0 49	1 20	0 10	16 27	0 52	0 25	3 7	10 18	6 51
M15	8 29	9 24	2 59	2 39	1 50	5 20	1 17	24 1	1 19	21 22	0 1	21 38	0 11	19 24	0 15	0 50	1 20	0 10	16 27	0 52	0 24	3 8	10 19	6 51
T 16	8 51	6 1	2 1	3 23	1 47	4 53	1 19	24 6	1 19	21 21	0 1	21 38	0 11	19 23	0 15	0 51	1 20	0 10	16 27	0 53	0 23	3 10	10 19	6 50
W17	9 13	2 25	0 58	4 6	1 44	4 26	1 20	24 10	1 19	21 20	0 2	21 37	0 11	19 23	0 15	0 52	1 20	0 11	16 27	0 53	0 22	3 12	10 20	6 50
T 18	9 35	1n16	0s 7	4 50	1 39	3 59	1 22	24 14	1 19	21 19	0 2	21 37	0 11	19 22	0 15	0 53	1 20	0 11	16 27	0 53	0 20	3 14	10 20	6 49
F 19	9 57	4 54	1 11	5 34	1 35	3 31	1 24	24 18	1 20	21 19	0 2	21 37	0 11	19 22	0 15	0 53	1 20	0 12	16 27	0 53	0 19	3 16	10 21	6 49
S 20	10 18	8 22	2 13	6 17	1 30	3 4	1 25	24 22	1 20	21 18	0 2	21 36	0 11	19 22	0 15	0 54	1 20	0 12	16 27	0 52	0 18	3 17	10 21	6 48
S 21	10 40	11 30	3 9	7 1	1 25	2 36	1 27	24 25	1 20	21 18	0 2	21 36	0 11	19 21	0 15	0 55	1 20	0 12	16 27	0 51	0 16	3 19	10 22	6 48
M22	11 1	14 12	3 57	7 44	1 20	2 8	1 28	24 28	1 20	21 17	0 2	21 36	0 12	19 21	0 15	0 56	1 20	0 13	16 27	0 49	0 15	3 21	10 22	6 47
T 23	11 22	16 17	4 35	8 27	1 14	1 40	1 30	24 31	1 20	21 16	0 2	21 35	0 12	19 20	0 15	0 57	1 21	0 13	16 28	0 48	0 14	3 23	10 23	6 47
W24	11 43	17 40	5 1	9 10	1 8	1 12	1 31	24 34	1 20	21 16	0 2	21 35	0 12	19 20	0 15	0 57	1 21	0 13	16 28	0 46	0 13	3 25	10 23	6 46
T 25	12 4	18 12	5 12	9 52	1 2	0 44	1 32	24 36	1 20	21 15	0 3	21 35	0 12	19 19	0 15	0 58	1 21	0 14	16 28	0 44	0 11	3 26	10 24	6 46
F 26	12 24	17 50	5 9	10 33	0 56	0 16	1 33	24 38	1 21	21 15	0 3	21 34	0 12	19 19	0 15	0 59	1 21	0 14	16 28	0 43	0 10	3 28	10 24	6 45
S 27	12 45	16 32	4 50	11 14	0 50	0s13	1 34	24 40	1 21	21 14	0 3	21 34	0 12	19 18	0 15	1 0	1 21	0 15	16 28	0 42	0 9	3 30	10 25	6 45
S 28	13 5	14 18	4 15	11 55	0 43	0 41	1 35	24 42	1 21	21 14	0 3	21 33	0 12	19 18	0 15	1 1	1 21	0 15	16 28	0 42	0 8	3 32	10 25	6 44
M29	13 25	11 13	3 24	12 34	0 37	1 9	1 36	24 43	1 21	21 14	0 3	21 33	0 12	19 17	0 15	1 1	1 21	0 15	16 28	0 42	0 6	3 34	10 25	6 44
T 30	13 45	7 25	2 20	13 13	0 30	1 38	1 37	24 44	1 21	21 13	0 3	21 32	0 12	19 17	0 15	1 2	1 21	0 16	16 28	0 43	0 5	3 35	10 26	6 43
W31	14s 4	3n 4	1s 6	13s52	0n23	2s 6	1n38	24s45	1s21	21n13	0n 3	21s32	0s12	19n16	0s15	1s 3	1n21	0s16	16s28	0s43	0s 4	3n37	10s26	6n43

Julian Day Number = 2491264.5, Delta T = 97.38 sec
Ecliptic obliquity = 23°25'22, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°15'35, Lahiri = 25°22'35

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ASTRODIENST EPHEMERIS for the year 2108
geocentric

NOVEMBER 2108 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 45	8♏41'56	4♎27	9♏50	10♎19	28♐42	24♋47	23♑49	27°R 9	5♎47	12°R 3	1°R49	0♎ 6	11♈38	13♒ 5	T 1
F 2	2 45 41	9°41'56	19°26	11°27	11°33	29°26	24°49	23°53	27♉ 7	5°49	12♉ 2	1♎48	0° 3	11°45	13° 6	F 2
S 3	2 49 38	10°41'58	4♏31	13° 5	12°47	0♑11	24°51	23°56	27° 4	5°51	12° 1	1°45	0° 0	11°52	13° 6	S 3
S 4	2 53 34	11°42'03	19°32	14°41	14° 1	0°56	24°52	24° 0	27° 2	5°53	12° 0	1°40	29♍57	11°58	13° 7	S 4
M 5	2 57 31	12°42'08	4♐20	16°17	15°15	1°40	24°54	24° 3	26°59	5°55	11°59	1°34	29°54	12° 5	13° 8	M 5
T 6	3 1 27	13°42'16	18°48	17°53	16°29	2°25	24°55	24° 7	26°57	5°57	11°57	1°27	29°51	12°12	13° 9	T 6
W 7	3 5 24	14°42'25	2♑49	19°29	17°43	3°10	24°56	24°11	26°55	5°59	11°56	1°20	29°47	12°18	13°10	W 7
T 8	3 9 20	15°42'36	16°23	21° 4	18°58	3°55	24°57	24°15	26°52	6° 0	11°55	1°15	29°44	12°25	13°11	T 8
F 9	3 13 17	16°42'49	29°28	22°38	20°12	4°40	24°57	24°19	26°50	6° 2	11°54	1°12	29°41	12°32	13°12	F 9
S 10	3 17 14	17°43'03	12♒ 9	24°12	21°26	5°25	24°58	24°23	26°47	6° 4	11°53	1°D10	29°38	12°38	13°14	S 10
S 11	3 21 10	18°43'18	24°28	25°46	22°41	6°11	24°58	24°27	26°45	6° 6	11°52	1°10	29°35	12°45	13°15	S 11
M12	3 25 7	19°43'35	6♓32	27°20	23°55	6°56	24°R58	24°31	26°42	6° 7	11°51	1°11	29°32	12°52	13°16	M12
T 13	3 29 3	20°43'53	18°25	28°53	25°10	7°41	24°58	24°35	26°40	6° 9	11°50	1°12	29°28	12°58	13°18	T 13
W14	3 33 0	21°44'12	0♈13	0♐26	26°24	8°26	24°57	24°40	26°37	6°11	11°49	1°R13	29°25	13° 5	13°19	W14
T 15	3 36 56	22°44'34	12° 0	1°58	27°39	9°12	24°57	24°44	26°35	6°13	11°47	1°12	29°22	13°12	13°21	T 15
F 16	3 40 53	23°44'56	23°49	3°31	28°53	9°57	24°56	24°49	26°32	6°14	11°46	1°10	29°19	13°18	13°23	F 16
S 17	3 44 49	24°45'20	5♉45	5° 3	0♏ 8	10°43	24°55	24°53	26°30	6°16	11°45	1° 4	29°16	13°25	13°24	S 17
S 18	3 48 46	25°45'46	17°50	6°34	1°23	11°28	24°54	24°58	26°27	6°17	11°44	0°57	29°12	13°31	13°26	S 18
M19	3 52 43	26°46'13	0♊ 5	8° 6	2°37	12°14	24°53	25° 3	26°25	6°19	11°43	0°47	29° 9	13°38	13°28	M19
T 20	3 56 39	27°46'42	12°31	9°37	3°52	13° 0	24°51	25° 8	26°22	6°21	11°42	0°36	29° 6	13°45	13°30	T 20
W21	4 0 36	28°47'12	25° 8	11° 8	5° 7	13°45	24°49	25°13	26°20	6°22	11°41	0°25	29° 3	13°51	13°32	W21
T 22	4 4 32	29°47'45	7♋57	12°39	6°22	14°31	24°47	25°18	26°17	6°24	11°40	0°15	29° 0	13°58	13°34	T 22
F 23	4 8 29	0♐48'18	20°58	14° 9	7°37	15°17	24°45	25°23	26°15	6°25	11°39	0° 7	28°57	14° 5	13°36	F 23
S 24	4 12 25	1°48'54	4♌11	15°39	8°51	16° 3	24°43	25°28	26°12	6°26	11°38	0° 1	28°53	14°11	13°38	S 24
S 25	4 16 22	2°49'31	17°37	17° 9	10° 6	16°49	24°40	25°33	26°10	6°28	11°37	29♍57	28°50	14°18	13°40	S 25
M26	4 20 18	3°50'10	1♍17	18°38	11°21	17°35	24°38	25°38	26° 7	6°29	11°36	29°D56	28°47	14°25	13°43	M26
T 27	4 24 15	4°50'50	15°11	20° 7	12°36	18°21	24°35	25°43	26° 5	6°31	11°35	29°57	28°44	14°31	13°45	T 27
W28	4 28 12	5°51'32	29°21	21°36	13°51	19° 7	24°31	25°49	26° 2	6°32	11°34	29°R57	28°41	14°38	13°47	W28
T 29	4 32 8	6°52'16	13♎45	23° 4	15° 6	19°53	24°28	25°54	26° 0	6°33	11°33	29°56	28°38	14°45	13°50	T 29
F 30	4 36 5	7♐53'01	28♎21	24♐31	16♏21	20♑39	24♋25	26♑ 0	25♉58	6♎35	11♉32	29♍53	28♍34	14♈51	13♒52	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s23	1s33	0n14	14s29	0n16	2s34	1n38	24s46	1s21	21n13	0n 4	21s31	0s12	19n16	0s15	1s 4	1n21	0s16	16s28	0s43	0s 3	3n39	10s26	6n43
F 2	14 43	6 8	1 35	15 6	0 10	3 3	1 39	24 46	1 21	21 13	0 4	21 31	0 12	19 15	0 15	1 4	1 21	0 17	16 28	0 43	0 1	3 41	10 27	6 42
S 3	15 1	10 22	2 49	15 42	0 3	3 31	1 39	24 47	1 21	21 12	0 4	21 30	0 12	19 15	0 15	1 5	1 21	0 17	16 28	0 42	0 0	3 43	10 27	6 42
S 4	15 20	13 54	3 50	16 18	0s 4	4 0	1 40	24 46	1 21	21 12	0 4	21 30	0 12	19 14	0 15	1 6	1 21	0 17	16 28	0 40	0n 1	3 44	10 27	6 41
M 5	15 38	16 28	4 36	16 52	0 10	4 28	1 40	24 46	1 21	21 12	0 4	21 29	0 12	19 13	0 15	1 7	1 21	0 17	16 28	0 37	0 2	3 46	10 27	6 41
T 6	15 56	17 56	5 2	17 26	0 17	4 56	1 40	24 45	1 21	21 12	0 4	21 29	0 12	19 13	0 15	1 7	1 21	0 18	16 28	0 35	0 4	3 48	10 27	6 40
W 7	16 14	18 14	5 10	17 58	0 24	5 24	1 40	24 44	1 21	21 12	0 4	21 28	0 12	19 12	0 15	1 8	1 21	0 18	16 28	0 32	0 5	3 50	10 28	6 40
T 8	16 32	17 28	4 59	18 30	0 30	5 52	1 40	24 43	1 21	21 12	0 4	21 27	0 13	19 12	0 15	1 9	1 21	0 18	16 28	0 30	0 6	3 52	10 28	6 39
F 9	16 49	15 48	4 33	19 1	0 37	6 20	1 40	24 42	1 21	21 12	0 5	21 27	0 13	19 11	0 15	1 9	1 21	0 19	16 28	0 28	0 8	3 53	10 28	6 39
S 10	17 6	13 23	3 54	19 31	0 43	6 48	1 40	24 40	1 21	21 12	0 5	21 26	0 13	19 11	0 15	1 10	1 21	0 19	16 28	0 28	0 9	3 55	10 28	6 38
S 11	17 23	10 26	3 6	20 0	0 50	7 16	1 40	24 38	1 21	21 12	0 5	21 25	0 13	19 10	0 15	1 11	1 21	0 19	16 28	0 28	0 10	3 57	10 28	6 38
M12	17 39	7 6	2 10	20 28	0 56	7 44	1 40	24 36	1 21	21 12	0 5	21 25	0 13	19 10	0 15	1 11	1 21	0 19	16 27	0 28	0 11	3 59	10 28	6 37
T 13	17 55	3 31	1 9	20 55	1 2	8 11	1 40	24 33	1 21	21 12	0 5	21 24	0 13	19 9	0 15	1 12	1 21	0 20	16 27	0 29	0 13	4 1	10 28	6 37
W14	18 11	0n10	0 5	21 20	1 8	8 38	1 39	24 30	1 21	21 13	0 5	21 23	0 13	19 8	0 15	1 13	1 21	0 20	16 27	0 29	0 14	4 2	10 28	6 36
T 15	18 27	3 51	0s58	21 45	1 14	9 6	1 39	24 27	1 21	21 13	0 5	21 23	0 13	19 8	0 15	1 13	1 21	0 20	16 27	0 29	0 15	4 4	10 28	6 36
F 16	18 42	7 24	1 59	22 9	1 20	9 32	1 38	24 24	1 21	21 13	0 6	21 22	0 13	19 7	0 15	1 14	1 21	0 20	16 27	0 28	0 16	4 6	10 28	6 35
S 17	18 57	10 41	2 55	22 32	1 26	9 59	1 38	24 20	1 21	21 13	0 6	21 21	0 13	19 7	0 15	1 14	1 21	0 21	16 27	0 26	0 18	4 8	10 28	6 35
S 18	19 11	13 33	3 43	22 53	1 31	10 26	1 37	24 16	1 21	21 14	0 6	21 20	0 13	19 6	0 15	1 15	1 21	0 21	16 27	0 23	0 19	4 9	10 28	6 34
M19	19 25	15 52	4 23	23 14	1 36	10 52	1 36	24 12	1 21	21 14	0 6	21 19	0 13	19 6	0 15	1 16	1 21	0 21	16 27	0 19	0 20	4 11	10 28	6 34
T 20	19 39	17 30	4 50	23 33	1 42	11 18	1 35	24 8	1 21	21 15	0 6	21 19	0 13	19 5	0 15	1 16	1 21	0 21	16 27	0 14	0 21	4 13	10 28	6 33
W21	19 52	18 17	5 3	23 51	1 46	11 44	1 35	24 3	1 21	21 15	0 6	21 18	0 13	19 4	0 15	1 17	1 22	0 21	16 27	0 10	0 23	4 15	10 28	6 33
T 22	20 6	18 10	5 2	24 8	1 51	12 9	1 34	23 58	1 21	21 16	0 6	21 17	0 13	19 4	0 15	1 17	1 22	0 22	16 26	0 6	0 24	4 17	10 28	6 32
F 23	20 18	17 6	4 45	24 24	1 56	12 35	1 33	23 53	1 20	21 16	0 7	21 16	0 13	19 3	0 15	1 18	1 22	0 22	16 26	0 3	0 25	4 18	10 28	6 32
S 24	20 31	15 6	4 12	24 38	2 0	13 0	1 32	23 47	1 20	21 17	0 7	21 15	0 13	19 3	0 15	1 18	1 22	0 22	16 26	0 0	0 26	4 20	10 28	6 32
S 25	20 43	12 16	3 26	24 51	2 4	13 24	1 30	23 41	1 20	21 17	0 7	21 14	0 14	19 2	0 15	1 19	1 22	0 22	16 26	0n 1	0 28	4 22	10 27	6 31
M26	20 54	8 44	2 27	25 3	2 7	13 49	1 29	23 35	1 20	21 18	0 7	21 13	0 14	19 2	0 15	1 19	1 22	0 22	16 26	0 1	0 29	4 24	10 27	6 31
T 27	21 5	4 38	1 18	25 14	2 11	14 13	1 28	23 29	1 20	21 19	0 7	21 12	0 14	19 1	0 15	1 20	1 22	0 22	16 26	0 1	0 30	4 26	10 27	6 30
W28	21 16	0 13	0 3	25 23	2 14	14 36	1 27	23 23	1 20	21 19	0 7	21 12	0 14	19 0	0 15	1 20	1 22	0 23	16 26	0 1	0 32	4 27	10 27	6 30
T 29	21 27	4s18	1n13	25 31	2 16	15 0	1 25	23 16	1 20	21 20	0 8	21 11	0 14	19 0	0 15	1 21	1 22	0 23	16 25	0 1	0 33	4 29	10 26	6 29
F 30	21s36	8s37	2n25	25s37	2s19	15s23	1n24	23s 9	1s19	21n21	0n 8	21s10	0s14	18n59	0s15	1s21	1n22	0s23	16s25	0n 3	0n34	4n31	10s26	6n29

Julian Day Number = 2491295.5, Delta T = 97.43 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°15'39, Lahiri = 25°22'40

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2108
geocentric

DECEMBER 2108 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 1	8♐53'48	13♏ 4	25♐58	17♏36	21♑26	24°R21	26♑ 5	25°R55	6♎36	11°R31	29°R48	28♍31	14♈58	13♒55	S 1
S 2	4 43 58	9°54'37	27°47	27°24	18°51	22°12	24♋17	26°11	25♉53	6°37	11♉30	29♍39	28°28	15° 5	13°57	S 2
M 3	4 47 54	10°55'26	12♐23	28°50	20° 6	22°58	24°13	26°16	25°50	6°38	11°29	29°29	28°25	15°11	14° 0	M 3
T 4	4 51 51	11°56'17	26°44	0♑14	21°21	23°45	24° 9	26°22	25°48	6°40	11°28	29°17	28°22	15°18	14° 3	T 4
W 5	4 55 47	12°57'09	10♑44	1°38	22°37	24°31	24° 4	26°28	25°46	6°41	11°27	29° 5	28°18	15°25	14° 6	W 5
T 6	4 59 44	13°58'02	24°19	3° 0	23°52	25°18	24° 0	26°34	25°43	6°42	11°26	28°55	28°15	15°31	14° 8	T 6
F 7	5 3 41	14°58'55	7♒27	4°21	25° 7	26° 4	23°55	26°40	25°41	6°43	11°25	28°47	28°12	15°38	14°11	F 7
S 8	5 7 37	15°59'50	20°11	5°40	26°22	26°51	23°50	26°46	25°39	6°44	11°24	28°42	28° 9	15°44	14°14	S 8
S 9	5 11 34	17° 0'45	2♓33	6°58	27°37	27°37	23°45	26°52	25°36	6°45	11°23	28°39	28° 6	15°51	14°17	S 9
M10	5 15 30	18° 1'41	14°39	8°13	28°52	28°24	23°40	26°58	25°34	6°46	11°22	28°D38	28° 3	15°58	14°20	M10
T 11	5 19 27	19° 2'38	26°32	9°25	0♗ 8	29°10	23°34	27° 4	25°32	6°47	11°21	28°R39	27°59	16° 4	14°23	T 11
W12	5 23 23	20° 3'35	8♈20	10°35	1°23	29°57	23°29	27°10	25°30	6°48	11°20	28°38	27°56	16°11	14°27	W12
T 13	5 27 20	21° 4'33	20° 8	11°41	2°38	0♒44	23°23	27°16	25°27	6°49	11°20	28°37	27°53	16°18	14°30	T 13
F 14	5 31 16	22° 5'31	2♉ 0	12°43	3°53	1°31	23°17	27°22	25°25	6°50	11°19	28°33	27°50	16°24	14°33	F 14
S 15	5 35 13	23° 6'30	14° 2	13°41	5° 8	2°17	23°11	27°29	25°23	6°50	11°18	28°26	27°47	16°31	14°36	S 15
S 16	5 39 10	24° 7'30	26°15	14°33	6°24	3° 4	23° 5	27°35	25°21	6°51	11°17	28°16	27°44	16°38	14°40	S 16
M17	5 43 6	25° 8'31	8♊43	15°20	7°39	3°51	22°58	27°41	25°19	6°52	11°16	28° 4	27°40	16°44	14°43	M17
T 18	5 47 3	26° 9'32	21°26	16° 0	8°54	4°38	22°52	27°48	25°17	6°53	11°16	27°50	27°37	16°51	14°46	T 18
W19	5 50 59	27°10'34	4♋23	16°32	10° 9	5°25	22°45	27°54	25°15	6°53	11°15	27°36	27°34	16°58	14°50	W19
T 20	5 54 56	28°11'36	17°35	16°55	11°25	6°11	22°39	28° 1	25°13	6°54	11°14	27°23	27°31	17° 4	14°53	T 20
F 21	5 58 52	29°12'39	0♌58	17° 9	12°40	6°58	22°32	28° 7	25°11	6°55	11°14	27°12	27°28	17°11	14°57	F 21
S 22	6 2 49	0♑13'43	14°31	17°R13	13°55	7°45	22°25	28°14	25° 9	6°55	11°13	27° 4	27°24	17°18	15° 1	S 22
S 23	6 6 46	1°14'48	28°13	17° 6	15°11	8°32	22°18	28°20	25° 7	6°56	11°12	26°59	27°21	17°24	15° 4	S 23
M24	6 10 42	2°15'53	12♍ 1	16°48	16°26	9°19	22°11	28°27	25° 5	6°56	11°11	26°57	27°18	17°31	15° 8	M24
T 25	6 14 39	3°16'59	25°57	16°18	17°41	10° 6	22° 3	28°34	25° 3	6°57	11°11	26°56	27°15	17°38	15°12	T 25
W26	6 18 35	4°18'06	9♎59	15°36	18°57	10°53	21°56	28°40	25° 1	6°57	11°10	26°56	27°12	17°44	15°15	W26
T 27	6 22 32	5°19'13	24° 8	14°43	20°12	11°40	21°48	28°47	25° 0	6°58	11°10	26°55	27° 9	17°51	15°19	T 27
F 28	6 26 28	6°20'22	8♏21	13°40	21°27	12°27	21°41	28°54	24°58	6°58	11° 9	26°52	27° 5	17°58	15°23	F 28
S 29	6 30 25	7°21'30	22°38	12°28	22°43	13°14	21°33	29° 1	24°56	6°59	11° 8	26°46	27° 2	18° 4	15°27	S 29
S 30	6 34 21	8°22'40	6♐53	11°11	23°58	14° 2	21°26	29° 7	24°55	6°59	11° 8	26°37	26°59	18°11	15°31	S 30
M31	6 38 18	9♑23'50	21♐ 4	9♑50	25♐14	14♒49	21♋18	29♑14	24♉53	6♎59	11♉ 7	26♍26	26♍56	18♈18	15♒35	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s46	12s26	3n28	25s42	2s21	15s45	1n22	23s 1	1s19	21n22	0n 8	21s 9	0s14	18n59	0s15	1s22	1n22	0s23	16s25	0n 5	0n35	4n33	10s26	6n29
S 2	21 55	15 28	4 17	25 46	2 22	16 7	1 21	22 54	1 19	21 22	0 8	21 8	0 14	18 58	0 15	1 22	1 22	0 23	16 25	0 8	0 37	4 34	10 25	6 28
M 3	22 4	17 29	4 49	25 48	2 23	16 29	1 19	22 46	1 19	21 23	0 8	21 7	0 14	18 58	0 15	1 23	1 22	0 23	16 25	0 13	0 38	4 36	10 25	6 28
T 4	22 12	18 21	5 2	25 49	2 24	16 50	1 17	22 38	1 19	21 24	0 8	21 6	0 14	18 57	0 15	1 23	1 22	0 23	16 25	0 17	0 39	4 38	10 25	6 27
W 5	22 20	18 4	4 56	25 48	2 24	17 11	1 16	22 29	1 18	21 25	0 8	21 5	0 14	18 56	0 15	1 23	1 22	0 23	16 24	0 22	0 40	4 40	10 24	6 27
T 6	22 28	16 45	4 33	25 47	2 23	17 32	1 14	22 21	1 18	21 26	0 9	21 3	0 14	18 56	0 15	1 24	1 22	0 23	16 24	0 26	0 42	4 42	10 24	6 26
F 7	22 35	14 35	3 57	25 43	2 22	17 52	1 12	22 12	1 18	21 27	0 9	21 2	0 14	18 55	0 15	1 24	1 22	0 23	16 24	0 29	0 43	4 43	10 24	6 26
S 8	22 41	11 45	3 9	25 38	2 21	18 11	1 10	22 3	1 18	21 28	0 9	21 1	0 14	18 55	0 15	1 25	1 22	0 23	16 24	0 31	0 44	4 45	10 23	6 26
S 9	22 47	8 28	2 14	25 32	2 18	18 30	1 8	21 53	1 17	21 29	0 9	21 0	0 14	18 54	0 15	1 25	1 22	0 24	16 24	0 32	0 45	4 47	10 23	6 25
M10	22 53	4 55	1 14	25 25	2 15	18 49	1 7	21 44	1 17	21 30	0 9	20 59	0 14	18 54	0 15	1 25	1 22	0 24	16 23	0 32	0 47	4 49	10 22	6 25
T 11	22 58	1 12	0 11	25 16	2 11	19 7	1 5	21 34	1 17	21 31	0 9	20 58	0 14	18 53	0 15	1 26	1 22	0 24	16 23	0 32	0 48	4 50	10 22	6 25
W12	23 3	2n31	0s51	25 6	2 6	19 24	1 2	21 24	1 17	21 32	0 9	20 57	0 14	18 53	0 15	1 26	1 23	0 24	16 23	0 32	0 49	4 52	10 21	6 24
T 13	23 7	6 9	1 51	24 55	2 1	19 41	1 0	21 13	1 16	21 33	0 10	20 56	0 15	18 52	0 15	1 26	1 23	0 24	16 23	0 33	0 50	4 54	10 21	6 24
F 14	23 11	9 33	2 47	24 43	1 54	19 57	0 58	21 3	1 16	21 35	0 10	20 55	0 15	18 52	0 15	1 27	1 23	0 24	16 22	0 35	0 52	4 56	10 20	6 23
S 15	23 15	12 36	3 36	24 29	1 47	20 13	0 56	20 52	1 16	21 36	0 10	20 53	0 15	18 51	0 15	1 27	1 23	0 24	16 22	0 37	0 53	4 58	10 19	6 23
S 16	23 18	15 10	4 15	24 15	1 38	20 28	0 54	20 41	1 16	21 37	0 10	20 52	0 15	18 51	0 15	1 27	1 23	0 24	16 22	0 41	0 54	4 59	10 19	6 23
M17	23 20	17 4	4 43	24 0	1 28	20 43	0 52	20 30	1 15	21 38	0 10	20 51	0 15	18 50	0 15	1 27	1 23	0 24	16 22	0 46	0 56	5 1	10 18	6 22
T 18	23 22	18 11	4 58	23 45	1 17	20 57	0 50	20 18	1 15	21 39	0 10	20 50	0 15	18 50	0 15	1 28	1 23	0 24	16 21	0 52	0 57	5 3	10 18	6 22
W19	23 24	18 23	4 58	23 28	1 5	21 11	0 47	20 7	1 15	21 41	0 11	20 49	0 15	18 49	0 15	1 28	1 23	0 24	16 21	0 57	0 58	5 5	10 17	6 22
T 20	23 25	17 37	4 42	23 12	0 51	21 23	0 45	19 55	1 14	21 42	0 11	20 47	0 15	18 49	0 15	1 28	1 23	0 23	16 21	1 2	0 59	5 6	10 16	6 21
F 21	23 25	15 51	4 10	22 56	0 37	21 36	0 43	19 43	1 14	21 43	0 11	20 46	0 15	18 48	0 15	1 28	1 23	0 23	16 21	1 7	1 1	5 8	10 16	6 21
S 22	23 25	13 12	3 24	22 39	0 21	21 47	0 40	19 30	1 14	21 44	0 11	20 45	0 15	18 48	0 15	1 28	1 23	0 23	16 20	1 10	1 2	5 10	10 15	6 21
S 23	23 25	9 49	2 26	22 23	0 3	21 58	0 38	19 18	1 13	21 46	0 11	20 44	0 15	18 48	0 15	1 29	1 23	0 23	16 20	1 12	1 3	5 12	10 14	6 20
M24	23 24	5 51	1 18	22 7	0n15	22 8	0 36	19 5	1 13	21 47	0 11	20 42	0 15	18 47	0 15	1 29	1 23	0 23	16 20	1 13	1 4	5 13	10 13	6 20
T 25	23 23	1 32	0 5	21 52	0 34	22 18	0 33	18 52	1 13	21 48	0 11	20 41	0 15	18 47	0 15	1 29	1 23	0 23	16 19	1 13	1 6	5 15	10 13	6 20
W26	23 21	2s54	1n 9	21 37	0 54	22 27	0 31	18 39	1 12	21 50	0 12	20 40	0 15	18 46	0 15	1 29	1 23	0 23	16 19	1 13	1 7	5 17	10 12	6 19
T 27	23 19	7 12	2 19	21 24	1 13	22 35	0 28	18 26	1 12	21 51	0 12	20 38	0 15	18 46	0 15	1 29	1 23	0 23	16 19	1 13	1 8	5 19	10 11	6 19
F 28	23 16	11 7	3 20	21 11	1 33	22 43	0 26	18 12	1 12	21 52	0 12	20 37	0 15	18 46	0 15	1 29	1 23	0 23	16 19	1 15	1 9	5 20	10 10	6 19
S 29	23 13	14 23	4 10	20 59	1 52	22 50	0 23	17 58	1 11	21 54	0 12	20 36	0 16	18 45	0 15	1 29	1 23	0 23	16 18	1 17	1 11	5 22	10 9	6 19
S 30	23 9	16 47	4 44	20 48	2 10	22 56	0 21	17 44	1 11	21 55	0 12	20 34	0 16	18 45	0 15	1 29	1 23	0 23	16 18	1 20	1 12	5 24	10 9	6 18
M31	23s 5	18s 8	5n 0	20s38	2n26	23s 2	0n19	17s30	1s10	21n56	0n12	20s33	0s16	18n44	0s15	1s30	1n24	0s22	16s18	1n25	1n13	5n26	10s 8	6n18

Julian Day Number = 2491325.5, Delta T = 97.47 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°15'43, Lahiri = 25°22'44

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ASTRODIENST EPHEMERIS for the year 2109
geocentric

JANUARY 2109 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 15	10♑25'00	5♑ 3	8°R28	26♐29	15♒36	21°R10	29♑21	24°R52	6♎59	11°R 7	26°R14	26♍53	18♈24	15♒39	T 1
W 2	6 46 11	11°26'10	18°47	7♑ 8	27°44	16°23	21♋ 2	29°28	24♉50	7° 0	11♉ 6	26♍ 1	26°50	18°31	15°43	W 2
T 3	6 50 8	12°27'20	2♒11	5°52	29° 0	17°10	20°54	29°35	24°49	7° 0	11° 6	25°50	26°46	18°38	15°47	T 3
F 4	6 54 4	13°28'31	15°14	4°42	0♑15	17°57	20°46	29°42	24°47	7° 0	11° 5	25°41	26°43	18°44	15°51	F 4
S 5	6 58 1	14°29'41	27°56	3°41	1°31	18°45	20°38	29°49	24°46	7° 0	11° 5	25°35	26°40	18°51	15°55	S 5
S 6	7 1 57	15°30'51	10♓18	2°49	2°46	19°32	20°30	29°56	24°44	7° 0	11° 5	25°32	26°37	18°57	15°59	S 6
M 7	7 5 54	16°32'00	22°25	2° 6	4° 1	20°19	20°22	0♒ 3	24°43	7° 0	11° 4	25°D31	26°34	19° 4	16° 3	M 7
T 8	7 9 50	17°33'10	4♈20	1°34	5°17	21° 6	20°14	0°10	24°42	7°R 0	11° 4	25°31	26°30	19°11	16° 7	T 8
W 9	7 13 47	18°34'18	16° 9	1°12	6°32	21°53	20° 6	0°17	24°41	7° 0	11° 3	25°R31	26°27	19°17	16°12	W 9
T 10	7 17 44	19°35'27	27°57	1° 0	7°48	22°41	19°58	0°24	24°40	7° 0	11° 3	25°31	26°24	19°24	16°16	T 10
F 11	7 21 40	20°36'35	9♉50	0°D57	9° 3	23°28	19°50	0°31	24°38	7° 0	11° 3	25°29	26°21	19°31	16°20	F 11
S 12	7 25 37	21°37'43	21°54	1° 2	10°18	24°15	19°42	0°38	24°37	7° 0	11° 3	25°24	26°18	19°37	16°24	S 12
S 13	7 29 33	22°38'50	4♊11	1°16	11°34	25° 2	19°34	0°45	24°36	7° 0	11° 2	25°17	26°15	19°44	16°29	S 13
M14	7 33 30	23°39'57	16°47	1°37	12°49	25°49	19°25	0°52	24°35	7° 0	11° 2	25° 8	26°11	19°51	16°33	M14
T 15	7 37 26	24°41'03	29°42	2° 5	14° 4	26°37	19°17	1° 0	24°35	6°59	11° 2	24°58	26° 8	19°57	16°37	T 15
W16	7 41 23	25°42'09	12♋56	2°39	15°20	27°24	19° 9	1° 7	24°34	6°59	11° 2	24°47	26° 5	20° 4	16°42	W16
T 17	7 45 19	26°43'14	26°29	3°18	16°35	28°11	19° 1	1°14	24°33	6°59	11° 1	24°36	26° 2	20°11	16°46	T 17
F 18	7 49 16	27°44'19	10♌18	4° 2	17°51	28°58	18°53	1°21	24°32	6°59	11° 1	24°28	25°59	20°17	16°51	F 18
S 19	7 53 13	28°45'23	24°18	4°51	19° 6	29°46	18°46	1°28	24°31	6°58	11° 1	24°22	25°55	20°24	16°55	S 19
S 20	7 57 9	29°46'27	8♍26	5°43	20°21	0♓33	18°38	1°35	24°31	6°58	11° 1	24°18	25°52	20°31	16°59	S 20
M21	8 1 6	0♒47'31	22°37	6°40	21°37	1°20	18°30	1°42	24°30	6°57	11° 1	24°D17	25°49	20°37	17° 4	M21
T 22	8 5 2	1°48'34	6♎49	7°39	22°52	2° 7	18°22	1°49	24°30	6°57	11° 1	24°17	25°46	20°44	17° 8	T 22
W23	8 8 59	2°49'37	20°59	8°41	24° 7	2°54	18°15	1°57	24°29	6°57	11° 1	24°19	25°43	20°51	17°13	W23
T 24	8 12 55	3°50'39	5♏ 6	9°46	25°23	3°42	18° 7	2° 4	24°29	6°56	11° 1	24°R19	25°40	20°57	17°17	T 24
F 25	8 16 52	4°51'42	19° 9	10°54	26°38	4°29	18° 0	2°11	24°28	6°55	11°D 1	24°18	25°36	21° 4	17°22	F 25
S 26	8 20 48	5°52'43	3♐ 6	12° 3	27°54	5°16	17°52	2°18	24°28	6°55	11° 1	24°15	25°33	21°11	17°26	S 26
S 27	8 24 45	6°53'45	16°57	13°14	29° 9	6° 3	17°45	2°25	24°27	6°54	11° 1	24°10	25°30	21°17	17°31	S 27
M28	8 28 42	7°54'45	0♑39	14°28	0♒24	6°50	17°38	2°32	24°27	6°54	11° 1	24° 3	25°27	21°24	17°36	M28
T 29	8 32 38	8°55'46	14°11	15°43	1°40	7°37	17°31	2°39	24°27	6°53	11° 1	23°55	25°24	21°31	17°40	T 29
W30	8 36 35	9°56'45	27°29	16°59	2°55	8°25	17°24	2°47	24°27	6°52	11° 1	23°46	25°21	21°37	17°45	W30
T 31	8 40 31	10♒57'43	10♒33	18♑17	4♒10	9♓12	17♋17	2♒54	24♉27	6♎51	11♉ 1	23♍39	25♍17	21♈44	17♒49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 1	18s22	4n58	20s30	2n40	23s 7	0n16	17s16	1s10	21n58	0n13	20s32	0s16	18n44	0s15	1s30	1n24	0s22	16s17	1n30	1n14	5n28	10s 7	6n18
W 2	22 56	17 31	4 38	20 22	2 52	23 11	0 14	17 1	1 10	21 59	0 13	20 30	0 16	18 44	0 15	1 30	1 24	0 22	16 17	1 35	1 16	5 29	10 6	6 17
T 3	22 50	15 42	4 3	20 17	3 1	23 14	0 11	16 47	1 9	22 1	0 13	20 29	0 16	18 43	0 15	1 30	1 24	0 22	16 17	1 39	1 17	5 31	10 5	6 17
F 4	22 44	13 7	3 17	20 13	3 8	23 17	0 9	16 32	1 9	22 2	0 13	20 28	0 16	18 43	0 15	1 30	1 24	0 22	16 16	1 43	1 18	5 33	10 4	6 17
S 5	22 38	9 59	2 21	20 10	3 12	23 19	0 6	16 17	1 8	22 3	0 13	20 26	0 16	18 43	0 14	1 30	1 24	0 22	16 16	1 45	1 19	5 35	10 3	6 17
S 6	22 31	6 28	1 20	20 9	3 14	23 20	0 4	16 2	1 8	22 5	0 13	20 25	0 16	18 42	0 14	1 30	1 24	0 21	16 16	1 47	1 21	5 36	10 2	6 16
M 7	22 24	2 45	0 17	20 10	3 14	23 21	0 1	15 46	1 8	22 6	0 13	20 23	0 16	18 42	0 14	1 30	1 24	0 21	16 15	1 47	1 22	5 38	10 1	6 16
T 8	22 16	1n 0	0s47	20 13	3 12	23 20	0s 1	15 31	1 7	22 7	0 14	20 22	0 16	18 42	0 14	1 30	1 24	0 21	16 15	1 47	1 23	5 40	10 0	6 16
W 9	22 8	4 41	1 48	20 16	3 9	23 20	0 4	15 15	1 7	22 9	0 14	20 20	0 16	18 42	0 14	1 30	1 24	0 21	16 15	1 47	1 25	5 42	9 59	6 16
T 10	22 0	8 11	2 44	20 21	3 4	23 18	0 6	14 59	1 6	22 10	0 14	20 19	0 16	18 41	0 14	1 29	1 24	0 21	16 14	1 47	1 26	5 43	9 58	6 16
F 11	21 51	11 22	3 34	20 28	2 58	23 16	0 9	14 43	1 6	22 11	0 14	20 18	0 16	18 41	0 14	1 29	1 24	0 20	16 14	1 48	1 27	5 45	9 57	6 15
S 12	21 41	14 8	4 14	20 35	2 51	23 13	0 11	14 27	1 5	22 13	0 14	20 16	0 16	18 41	0 14	1 29	1 24	0 20	16 14	1 49	1 28	5 47	9 56	6 15
S 13	21 31	16 19	4 44	20 42	2 43	23 9	0 14	14 11	1 5	22 14	0 14	20 15	0 17	18 41	0 14	1 29	1 24	0 20	16 13	1 52	1 30	5 49	9 55	6 15
M14	21 21	17 46	5 1	20 50	2 34	23 4	0 16	13 55	1 4	22 15	0 14	20 13	0 17	18 40	0 14	1 29	1 24	0 20	16 13	1 56	1 31	5 50	9 54	6 15
T 15	21 10	18 22	5 3	20 59	2 25	22 59	0 18	13 38	1 4	22 16	0 14	20 12	0 17	18 40	0 14	1 29	1 24	0 19	16 13	2 0	1 32	5 52	9 53	6 15
W16	20 59	18 0	4 49	21 8	2 16	22 53	0 21	13 22	1 3	22 18	0 15	20 10	0 17	18 40	0 14	1 29	1 24	0 19	16 12	2 4	1 33	5 54	9 52	6 14
T 17	20 48	16 36	4 19	21 16	2 7	22 47	0 23	13 5	1 3	22 19	0 15	20 9	0 17	18 40	0 14	1 29	1 24	0 19	16 12	2 8	1 35	5 56	9 51	6 14
F 18	20 36	14 14	3 33	21 25	1 57	22 39	0 25	12 48	1 2	22 20	0 15	20 7	0 17	18 40	0 14	1 28	1 25	0 18	16 12	2 12	1 36	5 57	9 49	6 14
S 19	20 24	11 0	2 34	21 33	1 47	22 31	0 28	12 31	1 2	22 21	0 15	20 6	0 17	18 39	0 14	1 28	1 25	0 18	16 11	2 14	1 37	5 59	9 48	6 14
S 20	20 11	7 6	1 24	21 41	1 37	22 23	0 30	12 14	1 1	22 23	0 15	20 4	0 17	18 39	0 14	1 28	1 25	0 18	16 11	2 16	1 38	6 1	9 47	6 14
M21	19 58	2 47	0 9	21 48	1 27	22 13	0 32	11 56	1 1	22 24	0 15	20 3	0 17	18 39	0 14	1 28	1 25	0 18	16 11	2 16	1 40	6 3	9 46	6 14
T 22	19 45	1s41	1n 7	21 55	1 18	22 3	0 35	11 39	1 0	22 25	0 15	20 1	0 17	18 39	0 14	1 28	1 25	0 17	16 10	2 16	1 41	6 4	9 45	6 14
W23	19 31	6 2	2 19	22 1	1 8	21 52	0 37	11 22	1 0	22 26	0 15	20 0	0 17	18 39	0 14	1 27	1 25	0 17	16 10	2 16	1 42	6 6	9 44	6 13
T 24	19 17	10 2	3 22	22 6	0 58	21 41	0 39	11 4	0 59	22 27	0 16	19 58	0 17	18 39	0 14	1 27	1 25	0 17	16 10	2 15	1 43	6 8	9 42	6 13
F 25	19 2	13 27	4 12	22 10	0 49	21 29	0 41	10 46	0 59	22 28	0 16	19 57	0 17	18 39	0 14	1 27	1 25	0 16	16 9	2 16	1 45	6 10	9 41	6 13
S 26	18 47	16 4	4 48	22 13	0 39	21 16	0 43	10 29	0 58	22 30	0 16	19 55	0 17	18 39	0 14	1 27	1 25	0 16	16 9	2 17	1 46	6 11	9 40	6 13
S 27	18 32	17 43	5 6	22 16	0 30	21 3	0 45	10 11	0 58	22 31	0 16	19 53	0 18	18 39	0 14	1 26	1 25	0 16	16 9	2 19	1 47	6 13	9 39	6 13
M28	18 17	18 19	5 6	22 17	0 21	20 49	0 47	9 53	0 57	22 32	0 16	19 52	0 18	18 39	0 14	1 26	1 25	0 15	16 8	2 22	1 48	6 15	9 37	6 13
T 29	18 1	17 52	4 49	22 18	0 12	20 35	0 49	9 35	0 57	22 33	0 16	19 50	0 18	18 39	0 14	1 26	1 25	0 15	16 8	2 25	1 50	6 16	9 36	6 13
W30	17 45	16 27	4 17	22 17	0 4	20 19	0 51	9 17	0 56	22 34	0 16	19 49	0 18	18 39	0 14	1 25	1 25	0 15	16 7	2 28	1 51	6 18	9 35	6 13
T 31	17s28	14s11	3n32	22s15	0s 5	20s 4	0s53	8s58	0s55	22n35	0n16	19s47	0s18	18n39	0s14	1s25	1n25	0s14	16s 7	2n31	1n52	6n20	9s34	6n13

Julian Day Number = 2491356.5, Delta T = 97.51 sec
Ecliptic obliquity = 23°25'20, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°15'48, Lahiri = 25°22'48

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ASTRODIENST EPHEMERIS for the year 2109
geocentric

FEBRUARY 2109 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 44 28	11♒58'41	23♒20	19♑36	5♒26	9♓59	17°R10	3♒ 1	24°D27	6°R51	11♉ 1	23°R33	25♍14	21♈51	17♒54	F 1
S 2	8 48 24	12°59'37	5♓52	20°57	6°41	10°46	17♋ 3	3° 8	24♉27	6♎50	11° 2	23♍30	25°11	21°57	17°58	S 2
S 3	8 52 21	14° 0'33	18° 9	22°18	7°56	11°33	16°57	3°15	24°27	6°49	11° 2	23°D28	25° 8	22° 4	18° 3	S 3
M 4	8 56 17	15° 1'27	0♈13	23°41	9°12	12°20	16°50	3°22	24°27	6°48	11° 2	23°28	25° 5	22°11	18° 8	M 4
T 5	9 0 14	16° 2'20	12° 7	25° 5	10°27	13° 7	16°44	3°29	24°27	6°47	11° 2	23°29	25° 1	22°17	18°12	T 5
W 6	9 4 11	17° 3'11	23°57	26°30	11°42	13°54	16°38	3°36	24°27	6°46	11° 2	23°31	24°58	22°24	18°17	W 6
T 7	9 8 7	18° 4'01	5♉45	27°55	12°58	14°41	16°32	3°43	24°28	6°45	11° 3	23°33	24°55	22°31	18°21	T 7
F 8	9 12 4	19° 4'50	17°38	29°22	14°13	15°28	16°26	3°50	24°28	6°45	11° 3	23°R34	24°52	22°37	18°26	F 8
S 9	9 16 0	20° 5'37	29°41	0♒50	15°28	16°15	16°21	3°57	24°28	6°44	11° 3	23°33	24°49	22°44	18°31	S 9
S 10	9 19 57	21° 6'23	11♊57	2°18	16°43	17° 2	16°15	4° 4	24°29	6°42	11° 4	23°31	24°46	22°51	18°35	S 10
M11	9 23 53	22° 7'07	24°33	3°48	17°59	17°49	16°10	4°11	24°29	6°41	11° 4	23°28	24°42	22°57	18°40	M11
T 12	9 27 50	23° 7'50	7♋31	5°18	19°14	18°36	16° 5	4°18	24°30	6°40	11° 5	23°23	24°39	23° 4	18°44	T 12
W13	9 31 46	24° 8'31	20°52	6°49	20°29	19°23	16° 0	4°25	24°30	6°39	11° 5	23°18	24°36	23°11	18°49	W13
T 14	9 35 43	25° 9'11	4♌37	8°21	21°44	20°10	15°55	4°32	24°31	6°38	11° 5	23°14	24°33	23°17	18°53	T 14
F 15	9 39 40	26° 9'49	18°44	9°54	22°59	20°56	15°50	4°38	24°32	6°37	11° 6	23°10	24°30	23°24	18°58	F 15
S 16	9 43 36	27°10'26	3♍ 7	11°28	24°15	21°43	15°46	4°45	24°33	6°36	11° 6	23° 8	24°27	23°31	19° 3	S 16
S 17	9 47 33	28°11'01	17°42	13° 2	25°30	22°30	15°41	4°52	24°33	6°35	11° 7	23°D 6	24°23	23°37	19° 7	S 17
M18	9 51 29	29°11'35	2♎22	14°38	26°45	23°17	15°37	4°59	24°34	6°33	11° 7	23° 7	24°20	23°44	19°12	M18
T 19	9 55 26	0♓12'08	17° 0	16°14	28° 0	24° 3	15°33	5° 5	24°35	6°32	11° 8	23° 8	24°17	23°50	19°16	T 19
W20	9 59 22	1°12'39	1♏31	17°51	29°15	24°50	15°29	5°12	24°36	6°31	11° 8	23° 9	24°14	23°57	19°21	W20
T 21	10 3 19	2°13'10	15°52	19°29	0♓30	25°37	15°26	5°19	24°37	6°30	11° 9	23°10	24°11	24° 4	19°25	T 21
F 22	10 7 15	3°13'39	29°59	21° 9	1°46	26°23	15°22	5°25	24°38	6°28	11°10	23°R11	24° 7	24°10	19°30	F 22
S 23	10 11 12	4°14'06	13♐52	22°49	3° 1	27°10	15°19	5°32	24°39	6°27	11°10	23°11	24° 4	24°17	19°34	S 23
S 24	10 15 9	5°14'33	27°29	24°29	4°16	27°56	15°16	5°38	24°40	6°26	11°11	23°10	24° 1	24°24	19°39	S 24
M25	10 19 5	6°14'58	10♑51	26°11	5°31	28°43	15°13	5°45	24°42	6°24	11°11	23° 8	23°58	24°30	19°43	M25
T 26	10 23 2	7°15'22	23°59	27°54	6°46	29°30	15°11	5°51	24°43	6°23	11°12	23° 5	23°55	24°37	19°48	T 26
W27	10 26 58	8°15'44	6♒53	29°38	8° 1	0♈16	15° 8	5°58	24°44	6°21	11°13	23° 3	23°52	24°44	19°52	W27
T 28	10 30 55	9♓16'05	19♒34	1♓23	9♓16	1♈ 2	15♋ 6	6♒ 4	24♉46	6♎20	11♉14	23♍ 1	23♍48	24♈50	19♒56	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s11	11s16	2n36	22s13	0s13	19s47	0s55	8s40	0s55	22n36	0n17	19s46	0s18	18n39	0s14	1s25	1n25	0s14	16s 7	2n33	1n53	6n22	9s32	6n12
S 2	16 54	7 53	1 34	22 9	0 21	19 30	0 57	8 22	0 54	22 37	0 17	19 44	0 18	18 39	0 14	1 24	1 25	0 13	16 6	2 35	1 55	6 23	9 31	6 12
S 3	16 37	4 14	0 29	22 3	0 29	19 13	0 58	8 3	0 54	22 38	0 17	19 43	0 18	18 39	0 14	1 24	1 25	0 13	16 6	2 36	1 56	6 25	9 30	6 12
M 4	16 19	0 29	0s37	21 57	0 37	18 55	1 0	7 45	0 53	22 38	0 17	19 41	0 18	18 39	0 14	1 24	1 25	0 13	16 6	2 35	1 57	6 27	9 28	6 12
T 5	16 1	3n15	1 40	21 49	0 44	18 36	1 2	7 26	0 53	22 39	0 17	19 39	0 18	18 39	0 14	1 23	1 25	0 12	16 5	2 35	1 59	6 29	9 27	6 12
W 6	15 43	6 49	2 39	21 40	0 51	18 17	1 3	7 8	0 52	22 40	0 17	19 38	0 18	18 39	0 14	1 23	1 25	0 12	16 5	2 34	2 0	6 30	9 26	6 12
T 7	15 24	10 7	3 31	21 30	0 58	17 57	1 5	6 49	0 51	22 41	0 17	19 36	0 18	18 39	0 14	1 22	1 25	0 11	16 5	2 34	2 1	6 32	9 24	6 12
F 8	15 6	13 1	4 14	21 19	1 4	17 37	1 7	6 30	0 51	22 42	0 17	19 35	0 18	18 39	0 14	1 22	1 26	0 11	16 4	2 33	2 2	6 34	9 23	6 12
S 9	14 46	15 24	4 46	21 6	1 10	17 16	1 8	6 12	0 50	22 43	0 17	19 33	0 19	18 39	0 14	1 21	1 26	0 11	16 4	2 34	2 4	6 36	9 22	6 12
S 10	14 27	17 8	5 7	20 52	1 16	16 55	1 10	5 53	0 50	22 43	0 17	19 32	0 19	18 39	0 14	1 21	1 26	0 10	16 4	2 34	2 5	6 37	9 20	6 12
M11	14 8	18 6	5 13	20 37	1 22	16 33	1 11	5 34	0 49	22 44	0 18	19 30	0 19	18 39	0 14	1 21	1 26	0 10	16 3	2 36	2 6	6 39	9 19	6 12
T 12	13 48	18 9	5 4	20 21	1 27	16 11	1 12	5 15	0 49	22 45	0 18	19 28	0 19	18 40	0 14	1 20	1 26	0 9	16 3	2 37	2 7	6 41	9 18	6 12
W13	13 28	17 14	4 38	20 3	1 33	15 49	1 13	4 56	0 48	22 45	0 18	19 27	0 19	18 40	0 14	1 20	1 26	0 9	16 3	2 39	2 9	6 42	9 16	6 12
T 14	13 8	15 17	3 55	19 44	1 37	15 26	1 15	4 37	0 47	22 46	0 18	19 25	0 19	18 40	0 14	1 19	1 26	0 8	16 2	2 41	2 10	6 44	9 15	6 12
F 15	12 47	12 23	2 58	19 23	1 42	15 2	1 16	4 18	0 47	22 47	0 18	19 24	0 19	18 40	0 14	1 19	1 26	0 8	16 2	2 43	2 11	6 46	9 14	6 12
S 16	12 27	8 41	1 48	19 2	1 46	14 38	1 17	3 59	0 46	22 47	0 18	19 22	0 19	18 40	0 14	1 18	1 26	0 7	16 2	2 44	2 12	6 48	9 12	6 12
S 17	12 6	4 24	0 30	18 39	1 50	14 14	1 18	3 40	0 45	22 48	0 18	19 21	0 19	18 41	0 14	1 18	1 26	0 7	16 1	2 44	2 14	6 49	9 11	6 12
M18	11 45	0s10	0n51	18 14	1 53	13 50	1 19	3 21	0 45	22 49	0 18	19 19	0 19	18 41	0 14	1 17	1 26	0 6	16 1	2 44	2 15	6 51	9 9	6 12
T 19	11 24	4 42	2 8	17 49	1 56	13 25	1 20	3 2	0 44	22 49	0 18	19 18	0 19	18 41	0 14	1 17	1 26	0 6	16 1	2 44	2 16	6 53	9 8	6 12
W20	11 2	8 55	3 16	17 22	1 59	12 59	1 21	2 43	0 44	22 50	0 18	19 16	0 19	18 41	0 14	1 16	1 26	0 5	16 0	2 43	2 17	6 55	9 7	6 12
T 21	10 41	12 34	4 12	16 53	2 2	12 33	1 22	2 24	0 43	22 50	0 18	19 15	0 19	18 42	0 14	1 16	1 26	0 5	16 0	2 43	2 19	6 56	9 5	6 12
F 22	10 19	15 24	4 51	16 24	2 4	12 7	1 22	2 5	0 42	22 51	0 18	19 13	0 20	18 42	0 13	1 15	1 26	0 5	16 0	2 42	2 20	6 58	9 4	6 12
S 23	9 57	17 17	5 12	15 53	2 5	11 41	1 23	1 46	0 42	22 51	0 19	19 12	0 20	18 42	0 13	1 14	1 26	0 4	15 59	2 42	2 21	7 0	9 2	6 12
S 24	9 35	18 9	5 15	15 20	2 7	11 14	1 24	1 27	0 41	22 51	0 19	19 10	0 20	18 42	0 13	1 14	1 26	0 4	15 59	2 43	2 22	7 1	9 1	6 12
M25	9 13	17 59	5 1	14 47	2 7	10 47	1 24	1 8	0 40	22 52	0 19	19 8	0 20	18 43	0 13	1 13	1 26	0 3	15 59	2 44	2 24	7 3	8 59	6 13
T 26	8 50	16 50	4 31	14 12	2 8	10 20	1 25	0 49	0 40	22 52	0 19	19 7	0 20	18 43	0 13	1 13	1 26	0 3	15 58	2 44	2 25	7 5	8 58	6 13
W27	8 28	14 51	3 48	13 35	2 8	9 52	1 25	0 30	0 39	22 53	0 19	19 5	0 20	18 43	0 13	1 12	1 26	0 2	15 58	2 45	2 26	7 7	8 57	6 13
T 28	8s 5	12s10	2n55	12s58	2s 8	9s24	1s25	0s11	0s39	22n53	0n19	19s 4	0s20	18n44	0s13	1s12	1n26	0s 2	15s58	2n46	2n27	7n 8	8s55	6n13

Julian Day Number = 2491387.5, Delta T = 97.55 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°15'52, Lahiri = 25°22'52

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ASTRODIENST EPHEMERIS for the year 2109
geocentric

MARCH 2109 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 34 51	10♓16'24	2♓ 2	3♓ 9	10♓31	1♈49	15°R 4	6♒11	24♉47	6°R19	11♉14	23°R 0	23♍45	24♈57	20♒ 1	F 1
S 2	10 38 48	11°16'41	14°19	4°55	11°46	2°35	15♋ 2	6°17	24°48	6♎17	11°15	22♍59	23°42	25° 4	20° 5	S 2
S 3	10 42 44	12°16'56	26°25	6°43	13° 1	3°22	15° 0	6°23	24°50	6°16	11°16	22°D59	23°39	25°10	20° 9	S 3
M 4	10 46 41	13°17'10	8♈23	8°32	14°16	4° 8	14°59	6°29	24°51	6°14	11°17	22°59	23°36	25°17	20°14	M 4
T 5	10 50 37	14°17'22	20°15	10°22	15°31	4°54	14°58	6°36	24°53	6°13	11°17	23° 0	23°32	25°24	20°18	T 5
W 6	10 54 34	15°17'32	2♉ 4	12°13	16°46	5°40	14°56	6°42	24°55	6°11	11°18	23° 1	23°29	25°30	20°22	W 6
T 7	10 58 31	16°17'40	13°53	14° 5	18° 1	6°27	14°56	6°48	24°56	6°10	11°19	23° 2	23°26	25°37	20°27	T 7
F 8	11 2 27	17°17'45	25°46	15°58	19°16	7°13	14°55	6°54	24°58	6° 8	11°20	23° 2	23°23	25°44	20°31	F 8
S 9	11 6 24	18°17'49	7♊47	17°52	20°31	7°59	14°54	7° 0	25° 0	6° 7	11°21	23° 3	23°20	25°50	20°35	S 9
S 10	11 10 20	19°17'51	20° 1	19°47	21°46	8°45	14°54	7° 6	25° 2	6° 5	11°22	23°R 3	23°17	25°57	20°39	S 10
M11	11 14 17	20°17'50	2♋33	21°42	23° 1	9°31	14°D54	7°12	25° 4	6° 3	11°23	23° 3	23°13	26° 4	20°43	M11
T 12	11 18 13	21°17'48	15°26	23°39	24°16	10°17	14°54	7°17	25° 6	6° 2	11°23	23° 2	23°10	26°10	20°47	T 12
W13	11 22 10	22°17'43	28°43	25°36	25°31	11° 3	14°54	7°23	25° 7	6° 0	11°24	23° 2	23° 7	26°17	20°51	W13
T 14	11 26 6	23°17'36	12♌28	27°34	26°45	11°49	14°55	7°29	25° 9	5°59	11°25	23°D 2	23° 4	26°24	20°55	T 14
F 15	11 30 3	24°17'27	26°38	29°32	28° 0	12°35	14°56	7°35	25°12	5°57	11°26	23° 2	23° 1	26°30	20°59	F 15
S 16	11 34 0	25°17'15	11♍12	1♈31	29°15	13°21	14°57	7°40	25°14	5°55	11°27	23° 2	22°58	26°37	21° 3	S 16
S 17	11 37 56	26°17'02	26° 3	3°29	0♈30	14° 6	14°58	7°46	25°16	5°54	11°28	23°R 2	22°54	26°44	21° 7	S 17
M18	11 41 53	27°16'46	11♎ 5	5°28	1°44	14°52	14°59	7°51	25°18	5°52	11°29	23° 2	22°51	26°50	21°11	M18
T 19	11 45 49	28°16'29	26° 9	7°26	2°59	15°38	15° 0	7°57	25°20	5°51	11°30	23° 2	22°48	26°57	21°15	T 19
W20	11 49 46	29°16'10	11♏ 5	9°23	4°14	16°24	15° 2	8° 2	25°22	5°49	11°31	23° 1	22°45	27° 4	21°19	W20
T 21	11 53 42	0♈15'49	25°47	11°20	5°29	17° 9	15° 4	8° 7	25°25	5°47	11°32	23° 1	22°42	27°10	21°23	T 21
F 22	11 57 39	1°15'27	10♐10	13°15	6°43	17°55	15° 6	8°12	25°27	5°46	11°34	23° 0	22°38	27°17	21°27	F 22
S 23	12 1 35	2°15'03	24°10	15° 8	7°58	18°40	15° 8	8°18	25°29	5°44	11°35	22°59	22°35	27°24	21°30	S 23
S 24	12 5 32	3°14'37	7♑47	16°59	9°12	19°26	15°10	8°23	25°32	5°42	11°36	22°D59	22°32	27°30	21°34	S 24
M25	12 9 29	4°14'10	21° 1	18°48	10°27	20°11	15°13	8°28	25°34	5°41	11°37	23° 0	22°29	27°37	21°38	M25
T 26	12 13 25	5°13'40	3♒56	20°33	11°42	20°57	15°16	8°33	25°37	5°39	11°38	23° 1	22°26	27°44	21°41	T 26
W27	12 17 22	6°13'09	16°33	22°15	12°56	21°42	15°19	8°38	25°39	5°37	11°39	23° 2	22°23	27°50	21°45	W27
T 28	12 21 18	7°12'36	28°57	23°54	14°11	22°27	15°22	8°42	25°42	5°36	11°40	23° 3	22°19	27°57	21°48	T 28
F 29	12 25 15	8°12'01	11♓ 9	25°27	15°25	23°13	15°25	8°47	25°44	5°34	11°41	23° 4	22°16	28° 4	21°52	F 29
S 30	12 29 11	9°11'25	23°12	26°56	16°40	23°58	15°29	8°52	25°47	5°32	11°43	23°R 4	22°13	28°11	21°55	S 30
S 31	12 33 8	10♈10'46	5♈ 8	28♈20	17♈54	24♈43	15♋32	8♒56	25♉50	5♎31	11♉44	23♍ 4	22♍10	28♈17	21♒59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s43	8s59	1n54	12s19	2s 7	8s56	1s26	0n 9	0s38	22n53	0n19	19s 2	0s20	18n44	0s13	1s11	1n26	0s 1	15s57	2n47	2n29	7n10	8s54	6n13
S 2	7 20	5 26	0 48	11 39	2 5	8 28	1 26	0 28	0 37	22 54	0 19	19 1	0 20	18 44	0 13	1 10	1 26	0 1	15 57	2 47	2 30	7 12	8 52	6 13
S 3	6 57	1 43	0s19	10 57	2 4	7 59	1 26	0 47	0 37	22 54	0 19	19 0	0 20	18 45	0 13	1 10	1 26	0 0	15 57	2 47	2 31	7 13	8 51	6 13
M 4	6 34	2n 2	1 25	10 14	2 1	7 31	1 26	1 5	0 36	22 54	0 19	18 58	0 20	18 45	0 13	1 9	1 26	0n 0	15 56	2 47	2 33	7 15	8 49	6 13
T 5	6 11	5 39	2 26	9 30	1 59	7 2	1 26	1 24	0 35	22 54	0 19	18 57	0 21	18 46	0 13	1 9	1 26	0 1	15 56	2 47	2 34	7 17	8 48	6 13
W 6	5 48	9 3	3 21	8 45	1 55	6 33	1 26	1 43	0 35	22 54	0 19	18 55	0 21	18 46	0 13	1 8	1 26	0 1	15 56	2 46	2 35	7 19	8 46	6 13
T 7	5 24	12 4	4 7	7 59	1 52	6 3	1 26	2 2	0 34	22 55	0 19	18 54	0 21	18 46	0 13	1 7	1 26	0 2	15 56	2 46	2 36	7 20	8 45	6 14
F 8	5 1	14 36	4 43	7 11	1 47	5 34	1 26	2 21	0 33	22 55	0 19	18 52	0 21	18 47	0 13	1 7	1 27	0 2	15 55	2 46	2 38	7 22	8 44	6 14
S 9	4 37	16 33	5 7	6 22	1 43	5 4	1 26	2 40	0 33	22 55	0 20	18 51	0 21	18 47	0 13	1 6	1 27	0 3	15 55	2 46	2 39	7 24	8 42	6 14
S 10	4 14	17 46	5 17	5 32	1 37	4 34	1 26	2 59	0 32	22 55	0 20	18 49	0 21	18 48	0 13	1 5	1 27	0 4	15 55	2 46	2 40	7 25	8 41	6 14
M11	3 50	18 10	5 14	4 41	1 31	4 5	1 25	3 17	0 31	22 55	0 20	18 48	0 21	18 48	0 13	1 5	1 27	0 4	15 55	2 46	2 41	7 27	8 39	6 14
T 12	3 27	17 40	4 54	3 49	1 25	3 35	1 25	3 36	0 31	22 55	0 20	18 47	0 21	18 49	0 13	1 4	1 27	0 5	15 54	2 46	2 43	7 29	8 38	6 14
W13	3 3	16 11	4 18	2 56	1 18	3 4	1 24	3 55	0 30	22 55	0 20	18 45	0 21	18 49	0 13	1 3	1 27	0 5	15 54	2 46	2 44	7 31	8 36	6 15
T 14	2 40	13 44	3 27	2 2	1 10	2 34	1 24	4 13	0 29	22 55	0 20	18 44	0 21	18 50	0 13	1 3	1 27	0 6	15 54	2 46	2 45	7 32	8 35	6 15
F 15	2 16	10 24	2 22	1 8	1 2	2 4	1 23	4 32	0 29	22 55	0 20	18 43	0 22	18 50	0 13	1 2	1 27	0 6	15 53	2 46	2 46	7 34	8 34	6 15
S 16	1 52	6 21	1 5	0 13	0 53	1 34	1 23	4 50	0 28	22 55	0 20	18 41	0 22	18 51	0 13	1 1	1 27	0 7	15 53	2 46	2 48	7 36	8 32	6 15
S 17	1 29	1 49	0n17	0n43	0 44	1 3	1 22	5 8	0 27	22 55	0 20	18 40	0 22	18 51	0 13	1 1	1 27	0 7	15 53	2 46	2 49	7 37	8 31	6 15
M18	1 5	2s52	1 39	1 39	0 34	0 33	1 21	5 27	0 27	22 55	0 20	18 39	0 22	18 52	0 13	1 0	1 27	0 8	15 53	2 46	2 50	7 39	8 29	6 15
T 19	0 41	7 23	2 54	2 35	0 24	0 2	1 20	5 45	0 26	22 55	0 20	18 37	0 22	18 52	0 13	0 59	1 27	0 8	15 52	2 46	2 51	7 41	8 28	6 16
W20	0 17	11 24	3 57	3 31	0 13	0n28	1 19	6 3	0 25	22 55	0 20	18 36	0 22	18 53	0 13	0 59	1 27	0 9	15 52	2 46	2 53	7 42	8 27	6 16
T 21	0n 6	14 37	4 43	4 27	0 2	0 59	1 18	6 21	0 25	22 54	0 20	18 35	0 22	18 54	0 13	0 58	1 27	0 9	15 52	2 46	2 54	7 44	8 25	6 16
F 22	0 30	16 51	5 10	5 23	0n10	1 29	1 17	6 39	0 24	22 54	0 20	18 34	0 22	18 54	0 13	0 58	1 27	0 10	15 52	2 47	2 55	7 46	8 24	6 16
S 23	0 54	18 0	5 17	6 17	0 22	1 59	1 16	6 57	0 23	22 54	0 20	18 32	0 22	18 55	0 13	0 57	1 27	0 10	15 52	2 47	2 56	7 47	8 22	6 17
S 24	1 17	18 5	5 7	7 11	0 34	2 30	1 15	7 15	0 23	22 54	0 20	18 31	0 22	18 55	0 13	0 56	1 27	0 11	15 51	2 47	2 58	7 49	8 21	6 17
M25	1 41	17 10	4 40	8 4	0 46	3 0	1 14	7 33	0 22	22 54	0 20	18 30	0 23	18 56	0 13	0 56	1 27	0 11	15 51	2 47	2 59	7 51	8 20	6 17
T 26	2 5	15 22	4 0	8 55	0 58	3 30	1 13	7 50	0 21	22 53	0 20	18 29	0 23	18 56	0 13	0 55	1 27	0 12	15 51	2 46	3 0	7 53	8 18	6 17
W27	2 28	12 51	3 9	9 45	1 10	4 1	1 11	8 8	0 21	22 53	0 21	18 27	0 23	18 57	0 13	0 54	1 27	0 12	15 51	2 46	3 1	7 54	8 17	6 17
T 28	2 52	9 48	2 10	10 33	1 23	4 31	1 10	8 25	0 20	22 53	0 21	18 26	0 23	18 58	0 13	0 54	1 27	0 13	15 50	2 45	3 3	7 56	8 16	6 18
F 29	3 15	6 22	1 6	11 18	1 35	5 1	1 9	8 43	0 19	22 52	0 21	18 25	0 23	18 58	0 13	0 53	1 27	0 14	15 50	2 45	3 4	7 58	8 14	6 18
S 30	3 38	2 43	0s 1	12 2	1 46	5 31	1 7	9 0	0 19	22 52	0 21	18 24	0 23	18 59	0 13	0 52	1 27	0 14	15 50	2 45	3 5	7 59	8 13	6 18
S 31	4n 2	1n 1	1s 6	12n42	1n58	6n 1	1s 6	9n17	0s18	22n52	0n21	18s23	0s23	19n 0	0s13	0s52	1n27	0n15	15s50	2n45	3n 6	8n 1	8s12	6n19

Julian Day Number = 2491415.5, Delta T = 97.59 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°15'56, Lahiri = 25°22'56

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ASTRODIENST EPHEMERIS for the year 2109
geocentric

APRIL 2109 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 37 4	11♈10'05	17♈ 0	29♈39	19♈ 9	25♈28	15♋36	9♒ 1	25♉52	5°R29	11♉45	23°R 2	22♍ 7	28♈24	22♒ 2	M 1
T 2	12 41 1	12° 9'22	28°49	0♉52	20°23	26°13	15°40	9° 5	25°55	5♎27	11°46	23♍ 0	22° 4	28°31	22° 6	T 2
W 3	12 44 57	13° 8'37	10♉38	1°58	21°38	26°58	15°44	9°10	25°58	5°26	11°47	22°57	22° 0	28°37	22° 9	W 3
T 4	12 48 54	14° 7'50	22°29	2°59	22°52	27°43	15°49	9°14	26° 0	5°24	11°49	22°54	21°57	28°44	22°12	T 4
F 5	12 52 51	15° 7'01	4♊24	3°53	24° 7	28°28	15°53	9°18	26° 3	5°22	11°50	22°50	21°54	28°51	22°15	F 5
S 6	12 56 47	16° 6'10	16°27	4°40	25°21	29°13	15°58	9°23	26° 6	5°21	11°51	22°47	21°51	28°57	22°18	S 6
S 7	13 0 44	17° 5'16	28°41	5°21	26°35	29°58	16° 3	9°27	26° 9	5°19	11°52	22°44	21°48	29° 4	22°21	S 7
M 8	13 4 40	18° 4'20	11♋10	5°55	27°50	0♉43	16° 8	9°31	26°12	5°18	11°54	22°43	21°44	29°11	22°25	M 8
T 9	13 8 37	19° 3'22	23°57	6°22	29° 4	1°28	16°13	9°35	26°15	5°16	11°55	22°D43	21°41	29°17	22°28	T 9
W10	13 12 33	20° 2'21	7♌ 7	6°42	0♉18	2°12	16°19	9°38	26°18	5°14	11°56	22°44	21°38	29°24	22°30	W10
T 11	13 16 30	21° 1'18	20°43	6°55	1°32	2°57	16°24	9°42	26°21	5°13	11°57	22°46	21°35	29°31	22°33	T 11
F 12	13 20 26	22° 0'13	4♍45	7°R 2	2°47	3°42	16°30	9°46	26°24	5°11	11°59	22°47	21°32	29°37	22°36	F 12
S 13	13 24 23	22°59'06	19°13	7° 1	4° 1	4°26	16°36	9°49	26°27	5°10	12° 0	22°R48	21°29	29°44	22°39	S 13
S 14	13 28 20	23°57'56	4♎ 5	6°55	5°15	5°11	16°42	9°53	26°30	5° 8	12° 1	22°47	21°25	29°51	22°42	S 14
M15	13 32 16	24°56'44	19°13	6°42	6°29	5°55	16°48	9°56	26°33	5° 7	12° 3	22°46	21°22	29°57	22°44	M15
T 16	13 36 13	25°55'31	4♏30	6°24	7°43	6°39	16°54	10° 0	26°36	5° 5	12° 4	22°42	21°19	0♉ 4	22°47	T 16
W17	13 40 9	26°54'15	19°43	6° 1	8°57	7°24	17° 1	10° 3	26°39	5° 4	12° 5	22°38	21°16	0°11	22°50	W17
T 18	13 44 6	27°52'57	4♐43	5°32	10°11	8° 8	17° 7	10° 6	26°42	5° 2	12° 6	22°32	21°13	0°17	22°52	T 18
F 19	13 48 2	28°51'38	19°23	5° 0	11°25	8°52	17°14	10° 9	26°45	5° 1	12° 8	22°28	21° 9	0°24	22°55	F 19
S 20	13 51 59	29°50'18	3♑36	4°24	12°39	9°37	17°21	10°12	26°49	4°59	12° 9	22°24	21° 6	0°31	22°57	S 20
S 21	13 55 55	0♉48'55	17°20	3°46	13°53	10°21	17°28	10°15	26°52	4°58	12°10	22°21	21° 3	0°37	22°59	S 21
M22	13 59 52	1°47'31	0♒37	3° 5	15° 7	11° 5	17°35	10°18	26°55	4°56	12°12	22°D20	21° 0	0°44	23° 2	M22
T 23	14 3 49	2°46'05	13°29	2°24	16°21	11°49	17°42	10°21	26°58	4°55	12°13	22°21	20°57	0°51	23° 4	T 23
W24	14 7 45	3°44'38	26° 1	1°42	17°35	12°33	17°50	10°23	27° 2	4°53	12°15	22°22	20°54	0°57	23° 6	W24
T 25	14 11 42	4°43'08	8♓15	1° 0	18°49	13°17	17°57	10°26	27° 5	4°52	12°16	22°24	20°50	1° 4	23° 8	T 25
F 26	14 15 38	5°41'38	20°18	0°19	20° 3	14° 1	18° 5	10°28	27° 8	4°51	12°17	22°R24	20°47	1°11	23°10	F 26
S 27	14 19 35	6°40'05	2♈12	29♈41	21°17	14°45	18°13	10°31	27°11	4°49	12°19	22°24	20°44	1°17	23°13	S 27
S 28	14 23 31	7°38'31	14° 2	29° 4	22°31	15°28	18°21	10°33	27°15	4°48	12°20	22°21	20°41	1°24	23°14	S 28
M29	14 27 28	8°36'55	25°50	28°31	23°44	16°12	18°29	10°35	27°18	4°47	12°21	22°17	20°38	1°31	23°16	M29
T 30	14 31 24	9♉35'17	7♉39	28♈ 1	24♉58	16♉56	18♋37	10♒37	27♉21	4♎45	12♉23	22♍10	20♍35	1♉37	23♒18	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n25	4n42	2s 9	13n20	2n 8	6n30	1s 4	9n34	0s17	22n51	0n21	18s22	0s23	19n 0	0s13	0s51	1n27	0n15	15s50	2n46	3n 8	8n 3	8s10	6n19
T 2	4 48	8 10	3 5	13 56	2 18	7 0	1 2	9 51	0 17	22 51	0 21	18 21	0 23	19 1	0 13	0 50	1 27	0 16	15 49	2 47	3 9	8 4	8 9	6 19
W 3	5 11	11 18	3 53	14 28	2 28	7 29	1 1	10 8	0 16	22 50	0 21	18 20	0 23	19 2	0 13	0 50	1 27	0 16	15 49	2 48	3 10	8 6	8 8	6 19
T 4	5 34	14 0	4 32	14 57	2 37	7 58	0 59	10 25	0 15	22 50	0 21	18 19	0 24	19 2	0 13	0 49	1 27	0 17	15 49	2 49	3 11	8 8	8 6	6 20
F 5	5 57	16 7	4 59	15 23	2 45	8 27	0 57	10 42	0 15	22 49	0 21	18 18	0 24	19 3	0 13	0 48	1 27	0 17	15 49	2 51	3 13	8 9	8 5	6 20
S 6	6 20	17 33	5 13	15 46	2 51	8 56	0 55	10 58	0 14	22 49	0 21	18 17	0 24	19 4	0 13	0 48	1 27	0 18	15 49	2 52	3 14	8 11	8 4	6 20
S 7	6 42	18 12	5 13	16 5	2 57	9 25	0 54	11 15	0 13	22 48	0 21	18 16	0 24	19 4	0 13	0 47	1 27	0 18	15 49	2 53	3 15	8 13	8 3	6 20
M 8	7 5	18 0	4 59	16 21	3 2	9 53	0 52	11 31	0 13	22 48	0 21	18 15	0 24	19 5	0 13	0 46	1 27	0 19	15 48	2 53	3 16	8 14	8 1	6 21
T 9	7 27	16 53	4 29	16 33	3 6	10 22	0 50	11 47	0 12	22 47	0 21	18 14	0 24	19 6	0 13	0 46	1 27	0 19	15 48	2 53	3 18	8 16	8 0	6 21
W10	7 50	14 51	3 45	16 42	3 8	10 49	0 48	12 3	0 11	22 47	0 21	18 13	0 24	19 6	0 13	0 45	1 27	0 20	15 48	2 53	3 19	8 18	7 59	6 21
T 11	8 12	11 56	2 47	16 47	3 9	11 17	0 46	12 19	0 11	22 46	0 21	18 12	0 24	19 7	0 13	0 44	1 27	0 20	15 48	2 52	3 20	8 20	7 58	6 22
F 12	8 34	8 15	1 38	16 49	3 8	11 45	0 44	12 35	0 10	22 45	0 21	18 11	0 24	19 8	0 13	0 44	1 27	0 21	15 48	2 52	3 21	8 21	7 57	6 22
S 13	8 56	3 58	0 20	16 47	3 7	12 12	0 42	12 51	0 9	22 45	0 21	18 10	0 25	19 8	0 13	0 43	1 27	0 21	15 48	2 51	3 23	8 23	7 55	6 22
S 14	9 18	0s41	1n 2	16 42	3 3	12 39	0 39	13 6	0 9	22 44	0 21	18 9	0 25	19 9	0 13	0 43	1 27	0 22	15 48	2 52	3 24	8 25	7 54	6 23
M15	9 39	5 22	2 20	16 33	2 58	13 5	0 37	13 22	0 8	22 43	0 21	18 9	0 25	19 10	0 13	0 42	1 27	0 22	15 48	2 52	3 25	8 26	7 53	6 23
T 16	10 1	9 44	3 28	16 21	2 52	13 31	0 35	13 37	0 7	22 43	0 21	18 8	0 25	19 11	0 13	0 41	1 27	0 23	15 47	2 54	3 26	8 28	7 52	6 23
W17	10 22	13 27	4 22	16 6	2 44	13 57	0 33	13 52	0 7	22 42	0 21	18 7	0 25	19 11	0 13	0 41	1 27	0 23	15 47	2 55	3 28	8 30	7 51	6 24
T 18	10 43	16 12	4 57	15 48	2 35	14 23	0 31	14 7	0 6	22 41	0 22	18 6	0 25	19 12	0 13	0 40	1 27	0 24	15 47	2 57	3 29	8 31	7 50	6 24
F 19	11 4	17 50	5 11	15 27	2 24	14 48	0 28	14 22	0 5	22 40	0 22	18 6	0 25	19 13	0 13	0 40	1 27	0 24	15 47	2 59	3 30	8 33	7 48	6 24
S 20	11 24	18 17	5 6	15 3	2 12	15 13	0 26	14 36	0 5	22 39	0 22	18 5	0 25	19 14	0 13	0 39	1 27	0 24	15 47	3 1	3 31	8 35	7 47	6 25
S 21	11 45	17 37	4 43	14 38	1 59	15 37	0 24	14 51	0 4	22 38	0 22	18 4	0 26	19 14	0 12	0 39	1 27	0 25	15 47	3 2	3 33	8 36	7 46	6 25
M22	12 5	16 1	4 5	14 11	1 45	16 1	0 21	15 5	0 3	22 38	0 22	18 4	0 26	19 15	0 12	0 38	1 27	0 25	15 47	3 2	3 34	8 38	7 45	6 25
T 23	12 25	13 38	3 16	13 42	1 30	16 25	0 19	15 19	0 3	22 37	0 22	18 3	0 26	19 16	0 12	0 37	1 27	0 26	15 47	3 2	3 35	8 40	7 44	6 26
W24	12 45	10 40	2 19	13 13	1 14	16 48	0 16	15 34	0 2	22 36	0 22	18 2	0 26	19 17	0 12	0 37	1 27	0 26	15 47	3 2	3 36	8 41	7 43	6 26
T 25	13 5	7 17	1 16	12 43	0 57	17 11	0 14	15 47	0 1	22 35	0 22	18 2	0 26	19 17	0 12	0 36	1 27	0 27	15 47	3 1	3 38	8 43	7 42	6 26
F 26	13 25	3 40	0 11	12 13	0 41	17 33	0 11	16 1	0 1	22 34	0 22	18 1	0 26	19 18	0 12	0 36	1 27	0 27	15 47	3 1	3 39	8 45	7 41	6 27
S 27	13 44	0n 4	0s53	11 43	0 24	17 55	0 9	16 15	0 0	22 33	0 22	18 1	0 26	19 19	0 12	0 35	1 27	0 28	15 47	3 1	3 40	8 46	7 40	6 27
S 28	14 3	3 46	1 54	11 14	0 6	18 17	0 6	16 28	0n 0	22 32	0 22	18 0	0 26	19 20	0 12	0 35	1 27	0 28	15 46	3 2	3 41	8 48	7 39	6 28
M29	14 22	7 19	2 51	10 46	0s11	18 38	0 4	16 42	0 1	22 31	0 22	18 0	0 26	19 21	0 12	0 34	1 27	0 28	15 46	3 4	3 43	8 50	7 38	6 28
T 30	14n40	10n35	3s40	10n20	0s27	18n58	0s 1	16n55	0n 2	22n30	0n22	17s59	0s27	19n21	0s12	0s34	1n27	0n29	15s46	3n 6	3n44	8n51	7s37	6n28

Julian Day Number = 2491446.5, Delta T = 97.63 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°16'00, Lahiri = 25°23'01

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2109
geocentric

MAY 2109 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 35 21	10♉33'38	19♉31	27°R35	26♉12	17♉40	18♋45	10♒39	27♉25	4°R44	12♉24	22°R 2	20♍31	1♉44	23♒20	W 1
T 2	14 39 17	11°31'57	1♊27	27♈13	27°26	18°23	18°54	10°41	27°28	4♎43	12°25	21♍52	20°28	1°51	23°22	T 2
F 3	14 43 14	12°30'14	13°29	26°56	28°39	19° 7	19° 2	10°43	27°32	4°41	12°27	21°43	20°25	1°57	23°23	F 3
S 4	14 47 11	13°28'29	25°39	26°43	29°53	19°50	19°11	10°45	27°35	4°40	12°28	21°34	20°22	2° 4	23°25	S 4
S 5	14 51 7	14°26'42	7♋58	26°35	1♊ 7	20°34	19°20	10°46	27°38	4°39	12°30	21°27	20°19	2°11	23°27	S 5
M 6	14 55 4	15°24'53	20°30	26°D31	2°20	21°17	19°29	10°48	27°42	4°38	12°31	21°22	20°15	2°17	23°28	M 6
T 7	14 59 0	16°23'02	3♌17	26°33	3°34	22° 0	19°38	10°49	27°45	4°37	12°32	21°19	20°12	2°24	23°29	T 7
W 8	15 2 57	17°21'10	16°22	26°39	4°47	22°44	19°47	10°51	27°49	4°36	12°34	21°D18	20° 9	2°31	23°31	W 8
T 9	15 6 53	18°19'15	29°49	26°50	6° 1	23°27	19°56	10°52	27°52	4°34	12°35	21°18	20° 6	2°38	23°32	T 9
F 10	15 10 50	19°17'18	13♍40	27° 5	7°14	24°10	20° 6	10°53	27°56	4°33	12°36	21°19	20° 3	2°44	23°33	F 10
S 11	15 14 46	20°15'20	27°56	27°25	8°28	24°53	20°15	10°54	27°59	4°32	12°38	21°R19	20° 0	2°51	23°34	S 11
S 12	15 18 43	21°13'19	12♎35	27°49	9°41	25°36	20°25	10°55	28° 3	4°31	12°39	21°17	19°56	2°58	23°36	S 12
M13	15 22 40	22°11'17	27°34	28°18	10°55	26°19	20°34	10°56	28° 6	4°30	12°40	21°13	19°53	3° 4	23°37	M13
T 14	15 26 36	23° 9'13	12♏45	28°51	12° 8	27° 2	20°44	10°56	28°10	4°29	12°42	21° 7	19°50	3°11	23°38	T 14
W15	15 30 33	24° 7'07	27°58	29°27	13°22	27°45	20°54	10°57	28°13	4°28	12°43	20°58	19°47	3°18	23°38	W15
T 16	15 34 29	25° 5'00	13♐ 3	0♑ 8	14°35	28°28	21° 4	10°58	28°17	4°27	12°44	20°49	19°44	3°24	23°39	T 16
F 17	15 38 26	26° 2'52	27°50	0°52	15°48	29°11	21°14	10°58	28°20	4°27	12°46	20°40	19°41	3°31	23°40	F 17
S 18	15 42 22	27° 0'42	12♑12	1°40	17° 1	29°54	21°24	10°58	28°24	4°26	12°47	20°32	19°37	3°38	23°41	S 18
S 19	15 46 19	27°58'32	26° 5	2°31	18°15	0♊36	21°35	10°59	28°27	4°25	12°48	20°26	19°34	3°44	23°41	S 19
M20	15 50 16	28°56'20	9♒28	3°26	19°28	1°19	21°45	10°59	28°31	4°24	12°50	20°22	19°31	3°51	23°42	M20
T 21	15 54 12	29°54'06	22°23	4°24	20°41	2° 2	21°55	10°R59	28°34	4°23	12°51	20°20	19°28	3°58	23°43	T 21
W22	15 58 9	0♊51'52	4♓55	5°25	21°54	2°44	22° 6	10°59	28°38	4°22	12°52	20°D20	19°25	4° 4	23°43	W22
T 23	16 2 5	1°49'36	17° 9	6°29	23° 8	3°27	22°17	10°59	28°41	4°22	12°54	20°R20	19°21	4°11	23°43	T 23
F 24	16 6 2	2°47'20	29° 9	7°36	24°21	4° 9	22°27	10°58	28°44	4°21	12°55	20°20	19°18	4°18	23°44	F 24
S 25	16 9 58	3°45'02	11♈ 1	8°45	25°34	4°52	22°38	10°58	28°48	4°20	12°56	20°18	19°15	4°24	23°44	S 25
S 26	16 13 55	4°42'44	22°49	9°58	26°47	5°34	22°49	10°58	28°51	4°20	12°58	20°14	19°12	4°31	23°44	S 26
M27	16 17 51	5°40'24	4♉37	11°14	28° 0	6°16	23° 0	10°57	28°55	4°19	12°59	20° 7	19° 9	4°38	23°44	M27
T 28	16 21 48	6°38'03	16°28	12°32	29°13	6°59	23°11	10°56	28°58	4°19	13° 0	19°57	19° 6	4°45	23°44	T 28
W29	16 25 44	7°35'41	28°25	13°52	0♋26	7°41	23°22	10°56	29° 2	4°18	13° 1	19°46	19° 2	4°51	23°R44	W29
T 30	16 29 41	8°33'18	10♊29	15°16	1°39	8°23	23°33	10°55	29° 5	4°17	13° 3	19°32	18°59	4°58	23°44	T 30
F 31	16 33 38	9♊30'54	22♊42	16♉42	2♋52	9♊ 5	23♋44	10♒54	29♉ 9	4♎17	13♉ 4	19♍19	18♍56	5♉ 5	23♒44	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n59	13n26	4s19	9n56	0s44	19n18	0n 1	17n 8	0n 2	22n29	0n22	17s59	0s27	19n22	0s12	0s33	1n27	0n29	15s46	3n10	3n45	8n53	7s36	6n29
T 2	15 17	15 45	4 47	9 33	0 59	19 38	0 4	17 20	0 3	22 27	0 22	17 58	0 27	19 23	0 12	0 33	1 27	0 30	15 46	3 13	3 46	8 54	7 35	6 29
F 3	15 35	17 23	5 3	9 13	1 15	19 57	0 6	17 33	0 4	22 26	0 22	17 58	0 27	19 24	0 12	0 32	1 26	0 30	15 46	3 17	3 48	8 56	7 34	6 29
S 4	15 52	18 16	5 6	8 54	1 29	20 15	0 9	17 45	0 4	22 25	0 22	17 58	0 27	19 24	0 12	0 32	1 26	0 31	15 46	3 21	3 49	8 58	7 34	6 30
S 5	16 10	18 18	4 54	8 39	1 43	20 33	0 11	17 58	0 5	22 24	0 22	17 57	0 27	19 25	0 12	0 31	1 26	0 31	15 46	3 23	3 50	8 59	7 33	6 30
M 6	16 27	17 26	4 28	8 26	1 56	20 50	0 14	18 10	0 6	22 23	0 22	17 57	0 27	19 26	0 12	0 31	1 26	0 31	15 46	3 25	3 51	9 1	7 32	6 31
T 7	16 44	15 42	3 48	8 15	2 8	21 7	0 16	18 21	0 6	22 21	0 22	17 57	0 27	19 27	0 12	0 31	1 26	0 32	15 46	3 27	3 53	9 3	7 31	6 31
W 8	17 0	13 7	2 56	8 7	2 19	21 23	0 19	18 33	0 7	22 20	0 22	17 57	0 28	19 28	0 12	0 30	1 26	0 32	15 46	3 27	3 54	9 4	7 30	6 31
T 9	17 16	9 46	1 53	8 1	2 29	21 39	0 21	18 45	0 8	22 19	0 22	17 56	0 28	19 28	0 12	0 30	1 26	0 32	15 46	3 27	3 55	9 6	7 29	6 32
F 10	17 32	5 47	0 41	7 58	2 38	21 54	0 24	18 56	0 8	22 17	0 22	17 56	0 28	19 29	0 12	0 29	1 26	0 33	15 46	3 26	3 56	9 8	7 29	6 32
S 11	17 48	1 22	0n35	7 57	2 46	22 8	0 26	19 7	0 9	22 16	0 22	17 56	0 28	19 30	0 12	0 29	1 26	0 33	15 46	3 26	3 58	9 9	7 28	6 33
S 12	18 3	3s16	1 51	7 59	2 54	22 22	0 29	19 18	0 9	22 15	0 23	17 56	0 28	19 31	0 12	0 29	1 26	0 34	15 46	3 27	3 59	9 11	7 27	6 33
M13	18 18	7 47	3 1	8 3	3 0	22 35	0 31	19 29	0 10	22 13	0 23	17 56	0 28	19 31	0 12	0 28	1 26	0 34	15 46	3 29	4 0	9 13	7 27	6 33
T 14	18 33	11 51	3 59	8 9	3 6	22 48	0 34	19 39	0 11	22 12	0 23	17 56	0 28	19 32	0 12	0 28	1 26	0 34	15 46	3 31	4 1	9 14	7 26	6 34
W15	18 47	15 9	4 40	8 18	3 11	22 59	0 36	19 50	0 11	22 10	0 23	17 56	0 29	19 33	0 12	0 27	1 26	0 35	15 46	3 35	4 3	9 16	7 25	6 34
T 16	19 1	17 22	5 1	8 28	3 15	23 11	0 39	20 0	0 12	22 9	0 23	17 56	0 29	19 34	0 12	0 27	1 26	0 35	15 46	3 38	4 4	9 18	7 25	6 35
F 17	19 15	18 23	5 1	8 40	3 18	23 21	0 41	20 10	0 13	22 7	0 23	17 56	0 29	19 35	0 12	0 27	1 26	0 35	15 47	3 42	4 5	9 19	7 24	6 35
S 18	19 29	18 10	4 42	8 55	3 20	23 31	0 44	20 20	0 13	22 6	0 23	17 56	0 29	19 35	0 12	0 26	1 26	0 36	15 47	3 45	4 6	9 21	7 23	6 35
S 19	19 42	16 52	4 7	9 11	3 22	23 40	0 46	20 29	0 14	22 4	0 23	17 56	0 29	19 36	0 12	0 26	1 26	0 36	15 47	3 47	4 8	9 22	7 23	6 36
M20	19 54	14 40	3 20	9 28	3 23	23 49	0 49	20 39	0 14	22 3	0 23	17 56	0 29	19 37	0 12	0 26	1 26	0 36	15 47	3 49	4 9	9 24	7 22	6 36
T 21	20 7	11 47	2 23	9 47	3 23	23 57	0 51	20 48	0 15	22 1	0 23	17 56	0 29	19 38	0 12	0 26	1 26	0 37	15 47	3 50	4 10	9 26	7 22	6 37
W22	20 19	8 26	1 21	10 8	3 22	24 4	0 53	20 57	0 16	21 59	0 23	17 56	0 29	19 38	0 12	0 25	1 26	0 37	15 47	3 50	4 11	9 27	7 21	6 37
T 23	20 31	4 49	0 17	10 31	3 21	24 10	0 56	21 6	0 16	21 58	0 23	17 56	0 30	19 39	0 12	0 25	1 26	0 37	15 47	3 50	4 13	9 29	7 21	6 37
F 24	20 42	1 3	0s47	10 54	3 19	24 16	0 58	21 14	0 17	21 56	0 23	17 56	0 30	19 40	0 12	0 25	1 26	0 37	15 47	3 50	4 14	9 31	7 20	6 38
S 25	20 53	2n42	1 48	11 19	3 16	24 21	1 0	21 23	0 17	21 54	0 23	17 57	0 30	19 41	0 12	0 25	1 26	0 38	15 47	3 50	4 15	9 32	7 20	6 38
S 26	21 4	6 20	2 43	11 45	3 12	24 25	1 2	21 31	0 18	21 53	0 23	17 57	0 30	19 42	0 12	0 24	1 26	0 38	15 47	3 52	4 16	9 34	7 19	6 39
M27	21 14	9 43	3 32	12 12	3 8	24 29	1 4	21 39	0 19	21 51	0 23	17 57	0 30	19 42	0 12	0 24	1 26	0 38	15 47	3 55	4 18	9 36	7 19	6 39
T 28	21 24	12 44	4 11	12 40	3 4	24 32	1 7	21 47	0 19	21 49	0 23	17 57	0 30	19 43	0 12	0 24	1 26	0 38	15 47	3 58	4 19	9 37	7 18	6 39
W29	21 34	15 14	4 40	13 9	2 59	24 34	1 9	21 54	0 20	21 47	0 23	17 58	0 30	19 44	0 12	0 24	1 26	0 39	15 48	4 3	4 20	9 39	7 18	6 40
T 30	21 43	17 7	4 57	13 39	2 53	24 35	1 11	22 1	0 20	21 45	0 23	17 58	0 30	19 45	0 12	0 24	1 26	0 39	15 48	4 8	4 21	9 40	7 18	6 40
F 31	21n52	18n14	5s 0	14n 9	2s47	24n36	1n13	22n 9	0n21	21n43	0n23	17s59	0s31	19n45	0s12	0s23	1n26	0n39	15s48	4n14	4n23	9n42	7s17	6n41

Julian Day Number = 2491476.5, Delta T = 97.67 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°16'04, Lahiri = 25°23'05

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ASTRODIENST EPHEMERIS for the year 2109
geocentric

JUNE 2109 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 34	10♊28'29	5♋ 4	18♉10	4♋ 5	9♊47	23♋56	10°R53	29♉12	4°R16	13♉ 5	19°R 7	18♍53	5♉11	23°R44	S 1
S 2	16 41 31	11°26'02	17°35	19°41	5°18	10°29	24° 7	10♒52	29°16	4♎16	13° 6	18♍56	18°50	5°18	23♒44	S 2
M 3	16 45 27	12°23'34	0♌18	21°15	6°30	11°11	24°19	10°51	29°19	4°16	13° 8	18°48	18°47	5°25	23°43	M 3
T 4	16 49 24	13°21'05	13°13	22°51	7°43	11°53	24°30	10°49	29°23	4°15	13° 9	18°43	18°43	5°31	23°43	T 4
W 5	16 53 20	14°18'35	26°23	24°29	8°56	12°35	24°42	10°48	29°26	4°15	13°10	18°40	18°40	5°38	23°43	W 5
T 6	16 57 17	15°16'03	9♍49	26°11	10° 9	13°17	24°53	10°47	29°29	4°15	13°11	18°40	18°37	5°45	23°42	T 6
F 7	17 1 13	16°13'30	23°33	27°54	11°22	13°59	25° 5	10°45	29°33	4°14	13°12	18°40	18°34	5°51	23°42	F 7
S 8	17 5 10	17°10'56	7♎37	29°40	12°34	14°41	25°17	10°43	29°36	4°14	13°14	18°39	18°31	5°58	23°41	S 8
S 9	17 9 7	18° 8'21	22° 1	1♊29	13°47	15°22	25°29	10°42	29°40	4°14	13°15	18°37	18°27	6° 5	23°40	S 9
M10	17 13 3	19° 5'44	6♏41	3°19	14°59	16° 4	25°41	10°40	29°43	4°14	13°16	18°32	18°24	6°11	23°39	M10
T 11	17 17 0	20° 3'07	21°34	5°13	16°12	16°46	25°53	10°38	29°46	4°14	13°17	18°24	18°21	6°18	23°39	T 11
W12	17 20 56	21° 0'28	6♐32	7° 8	17°25	17°27	26° 5	10°36	29°50	4°13	13°18	18°14	18°18	6°25	23°38	W12
T 13	17 24 53	21°57'49	21°25	9° 6	18°37	18° 9	26°17	10°34	29°53	4°13	13°19	18° 4	18°15	6°32	23°37	T 13
F 14	17 28 49	22°55'09	6♑ 5	11° 6	19°50	18°50	26°29	10°31	29°56	4°13	13°20	17°53	18°12	6°38	23°36	F 14
S 15	17 32 46	23°52'29	20°24	13° 8	21° 2	19°32	26°41	10°29	29°59	4°D13	13°21	17°43	18° 8	6°45	23°35	S 15
S 16	17 36 43	24°49'48	4♒17	15°12	22°14	20°13	26°53	10°27	0♊ 3	4°13	13°22	17°35	18° 5	6°52	23°34	S 16
M17	17 40 39	25°47'06	17°42	17°18	23°27	20°54	27° 6	10°24	0° 6	4°13	13°24	17°30	18° 2	6°58	23°32	M17
T 18	17 44 36	26°44'24	0♓41	19°25	24°39	21°35	27°18	10°22	0° 9	4°13	13°25	17°27	17°59	7° 5	23°31	T 18
W19	17 48 32	27°41'41	13°15	21°34	25°51	22°17	27°30	10°19	0°12	4°14	13°26	17°D27	17°56	7°12	23°30	W19
T 20	17 52 29	28°38'58	25°31	23°44	27° 4	22°58	27°43	10°17	0°15	4°14	13°27	17°R27	17°52	7°18	23°28	T 20
F 21	17 56 25	29°36'15	7♈32	25°55	28°16	23°39	27°55	10°14	0°19	4°14	13°28	17°26	17°49	7°25	23°27	F 21
S 22	18 0 22	0♋33'32	19°25	28° 6	29°28	24°20	28° 8	10°11	0°22	4°14	13°29	17°25	17°46	7°32	23°26	S 22
S 23	18 4 18	1°30'48	1♉15	0♋18	0♌40	25° 1	28°21	10° 8	0°25	4°14	13°30	17°21	17°43	7°38	23°24	S 23
M24	18 8 15	2°28'05	13° 5	2°29	1°52	25°42	28°33	10° 5	0°28	4°15	13°31	17°15	17°40	7°45	23°22	M24
T 25	18 12 12	3°25'21	25° 0	4°41	3° 4	26°23	28°46	10° 2	0°31	4°15	13°32	17° 7	17°37	7°52	23°21	T 25
W26	18 16 8	4°22'37	7♊ 4	6°52	4°16	27° 4	28°58	9°59	0°34	4°15	13°32	16°56	17°33	7°58	23°19	W26
T 27	18 20 5	5°19'52	19°18	9° 2	5°28	27°45	29°11	9°56	0°37	4°16	13°33	16°44	17°30	8° 5	23°17	T 27
F 28	18 24 1	6°17'08	1♋43	11°11	6°40	28°26	29°24	9°52	0°40	4°16	13°34	16°32	17°27	8°12	23°15	F 28
S 29	18 27 58	7°14'23	14°20	13°19	7°52	29° 7	29°37	9°49	0°43	4°16	13°35	16°20	17°24	8°19	23°14	S 29
S 30	18 31 54	8♋11'38	27♋10	15♋26	9♌ 4	29♊47	29♋50	9♒46	0♊46	4♎17	13♉36	16♍11	17♍21	8♉25	23♒12	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 0	18n31	4s49	14n40	2s40	24n36	1n15	22n16	0n22	21n41	0n23	17s59	0s31	19n46	0s12	0s23	1n26	0n39	15s48	4n18	4n24	9n44	7s17	6n41
S 2	22 8	17 54	4 24	15 12	2 32	24 36	1 17	22 22	0 22	21 39	0 24	17 59	0 31	19 47	0 12	0 23	1 26	0 40	15 48	4 23	4 25	9 45	7 17	6 41
M 3	22 16	16 23	3 46	15 44	2 24	24 34	1 18	22 29	0 23	21 38	0 24	18 0	0 31	19 48	0 12	0 23	1 26	0 40	15 48	4 26	4 26	9 47	7 16	6 42
T 4	22 23	14 2	2 56	16 16	2 16	24 32	1 20	22 35	0 23	21 36	0 24	18 0	0 31	19 48	0 12	0 23	1 25	0 40	15 48	4 28	4 28	9 49	7 16	6 42
W 5	22 30	10 55	1 55	16 49	2 7	24 29	1 22	22 41	0 24	21 34	0 24	18 1	0 31	19 49	0 12	0 23	1 25	0 40	15 48	4 29	4 29	9 50	7 16	6 43
T 6	22 37	7 10	0 47	17 22	1 58	24 26	1 24	22 47	0 24	21 31	0 24	18 1	0 31	19 50	0 12	0 23	1 25	0 40	15 49	4 29	4 30	9 52	7 16	6 43
F 7	22 43	2 57	0n26	17 55	1 49	24 21	1 25	22 53	0 25	21 29	0 24	18 2	0 31	19 51	0 12	0 23	1 25	0 41	15 49	4 29	4 31	9 53	7 16	6 43
S 8	22 48	1s31	1 38	18 27	1 39	24 16	1 27	22 58	0 26	21 27	0 24	18 2	0 32	19 51	0 12	0 23	1 25	0 41	15 49	4 29	4 32	9 55	7 15	6 44
S 9	22 54	6 0	2 46	19 0	1 29	24 11	1 29	23 3	0 26	21 25	0 24	18 3	0 32	19 52	0 12	0 23	1 25	0 41	15 49	4 30	4 34	9 57	7 15	6 44
M10	22 59	10 12	3 45	19 32	1 18	24 4	1 30	23 8	0 27	21 23	0 24	18 4	0 32	19 53	0 12	0 23	1 25	0 41	15 49	4 32	4 35	9 58	7 15	6 44
T 11	23 3	13 49	4 29	20 3	1 8	23 57	1 32	23 13	0 27	21 21	0 24	18 4	0 32	19 53	0 12	0 22	1 25	0 41	15 49	4 35	4 36	10 0	7 15	6 45
W12	23 7	16 33	4 54	20 33	0 57	23 50	1 33	23 18	0 28	21 19	0 24	18 5	0 32	19 54	0 12	0 22	1 25	0 41	15 50	4 39	4 37	10 1	7 15	6 45
T 13	23 11	18 9	5 0	21 3	0 46	23 41	1 34	23 22	0 28	21 16	0 24	18 6	0 32	19 55	0 12	0 22	1 25	0 42	15 50	4 43	4 39	10 3	7 15	6 46
F 14	23 14	18 31	4 46	21 31	0 35	23 32	1 36	23 26	0 29	21 14	0 24	18 6	0 32	19 56	0 12	0 22	1 25	0 42	15 50	4 47	4 40	10 5	7 15	6 46
S 15	23 17	17 42	4 14	21 58	0 23	23 22	1 37	23 30	0 30	21 12	0 24	18 7	0 32	19 56	0 12	0 23	1 25	0 42	15 50	4 51	4 41	10 6	7 15	6 46
S 16	23 19	15 49	3 27	22 24	0 12	23 12	1 38	23 34	0 30	21 10	0 24	18 8	0 33	19 57	0 12	0 23	1 25	0 42	15 50	4 54	4 42	10 8	7 15	6 47
M17	23 21	13 8	2 31	22 48	0 1	23 1	1 39	23 37	0 31	21 7	0 24	18 9	0 33	19 58	0 12	0 23	1 25	0 42	15 50	4 56	4 44	10 9	7 15	6 47
T 18	23 23	9 52	1 28	23 9	0n 9	22 49	1 40	23 41	0 31	21 5	0 24	18 9	0 33	19 58	0 12	0 23	1 25	0 42	15 51	4 57	4 45	10 11	7 15	6 47
W19	23 24	6 14	0 22	23 29	0 20	22 37	1 41	23 44	0 32	21 3	0 24	18 10	0 33	19 59	0 12	0 23	1 25	0 42	15 51	4 57	4 46	10 13	7 15	6 48
T 20	23 25	2 26	0s43	23 47	0 30	22 24	1 42	23 46	0 32	21 0	0 24	18 11	0 33	20 0	0 12	0 23	1 25	0 42	15 51	4 57	4 47	10 14	7 15	6 48
F 21	23 25	1n23	1 45	24 2	0 40	22 10	1 42	23 49	0 33	20 58	0 25	18 12	0 33	20 0	0 12	0 23	1 25	0 42	15 51	4 58	4 49	10 16	7 15	6 48
S 22	23 25	5 7	2 41	24 14	0 50	21 56	1 43	23 51	0 33	20 55	0 25	18 13	0 33	20 1	0 12	0 23	1 25	0 42	15 52	4 58	4 50	10 17	7 16	6 49
S 23	23 25	8 37	3 30	24 24	0 59	21 41	1 44	23 54	0 34	20 53	0 25	18 14	0 33	20 2	0 12	0 23	1 25	0 43	15 52	4 59	4 51	10 19	7 16	6 49
M24	23 24	11 46	4 10	24 31	1 7	21 26	1 44	23 56	0 34	20 50	0 25	18 15	0 34	20 2	0 12	0 23	1 25	0 43	15 52	5 2	4 52	10 21	7 16	6 49
T 25	23 23	14 29	4 40	24 35	1 15	21 9	1 45	23 57	0 35	20 48	0 25	18 16	0 34	20 3	0 12	0 24	1 25	0 43	15 52	5 5	4 54	10 22	7 16	6 50
W26	23 21	16 35	4 57	24 36	1 22	20 53	1 45	23 59	0 36	20 45	0 25	18 17	0 34	20 4	0 12	0 24	1 25	0 43	15 52	5 9	4 55	10 24	7 16	6 50
T 27	23 19	17 59	5 1	24 35	1 28	20 36	1 46	24 0	0 36	20 43	0 25	18 18	0 34	20 4	0 12	0 24	1 25	0 43	15 53	5 14	4 56	10 25	7 17	6 50
F 28	23 16	18 33	4 51	24 31	1 34	20 18	1 46	24 1	0 37	20 40	0 25	18 19	0 34	20 5	0 12	0 24	1 25	0 43	15 53	5 19	4 57	10 27	7 17	6 51
S 29	23 13	18 14	4 27	24 24	1 39	20 0	1 46	24 2	0 37	20 38	0 25	18 20	0 34	20 5	0 12	0 24	1 24	0 43	15 53	5 23	4 59	10 29	7 17	6 51
S 30	23n10	16n58	3s49	24n14	1n43	19n41	1n46	24n 3	0n38	20n35	0n25	18s21	0s34	20n 6	0s12	0s24	1n24	0n43	15s53	5n27	5n 0	10n30	7s18	6n51

Julian Day Number = 2491507.5, Delta T = 97.72 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°16'08, Lahiri = 25°23'09

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ASTRODIENST EPHEMERIS for the year 2109
geocentric

JULY 2109 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 35 51	9♋ 8'53	10♌11	17♋31	10♌16	0♋28	0♌ 3	9°R42	0♊49	4♎17	13♉37	16°R 3	17♍18	8♉32	23°R10	M 1
T 2	18 39 47	10° 6'07	23°23	19°35	11°28	1° 9	0°15	9♒39	0°52	4°18	13°38	15♍59	17°14	8°39	23♒ 8	T 2
W 3	18 43 44	11° 3'21	6♍46	21°37	12°40	1°49	0°28	9°35	0°55	4°18	13°39	15°57	17°11	8°45	23° 6	W 3
T 4	18 47 41	12° 0'34	20°22	23°37	13°51	2°30	0°41	9°31	0°58	4°19	13°39	15°D57	17° 8	8°52	23° 4	T 4
F 5	18 51 37	12°57'47	4♎10	25°35	15° 3	3°10	0°54	9°28	1° 0	4°20	13°40	15°57	17° 5	8°59	23° 1	F 5
S 6	18 55 34	13°55'00	18°10	27°31	16°15	3°51	1° 7	9°24	1° 3	4°20	13°41	15°R57	17° 2	9° 5	22°59	S 6
S 7	18 59 30	14°52'12	2♏23	29°26	17°26	4°31	1°20	9°20	1° 6	4°21	13°42	15°56	16°58	9°12	22°57	S 7
M 8	19 3 27	15°49'25	16°46	1♌18	18°38	5°12	1°33	9°16	1° 9	4°22	13°42	15°53	16°55	9°19	22°55	M 8
T 9	19 7 23	16°46'36	1♐17	3° 8	19°49	5°52	1°47	9°12	1°11	4°22	13°43	15°47	16°52	9°25	22°52	T 9
W10	19 11 20	17°43'48	15°50	4°57	21° 0	6°32	2° 0	9° 8	1°14	4°23	13°44	15°40	16°49	9°32	22°50	W10
T 11	19 15 16	18°41'00	0♑20	6°43	22°12	7°12	2°13	9° 4	1°17	4°24	13°45	15°31	16°46	9°39	22°47	T 11
F 12	19 19 13	19°38'12	14°39	8°27	23°23	7°53	2°26	9° 0	1°19	4°25	13°45	15°22	16°43	9°46	22°45	F 12
S 13	19 23 10	20°35'24	28°42	10°10	24°34	8°33	2°39	8°56	1°22	4°26	13°46	15°15	16°39	9°52	22°42	S 13
S 14	19 27 6	21°32'36	12♒24	11°50	25°45	9°13	2°52	8°52	1°24	4°27	13°46	15° 9	16°36	9°59	22°40	S 14
M15	19 31 3	22°29'48	25°43	13°28	26°57	9°53	3° 6	8°48	1°27	4°28	13°47	15° 5	16°33	10° 6	22°37	M15
T 16	19 34 59	23°27'01	8♓39	15° 5	28° 8	10°33	3°19	8°44	1°29	4°28	13°48	15° 3	16°30	10°12	22°35	T 16
W17	19 38 56	24°24'14	21°13	16°39	29°19	11°13	3°32	8°40	1°32	4°29	13°48	15°D 3	16°27	10°19	22°32	W17
T 18	19 42 52	25°21'28	3♈30	18°11	0♍30	11°53	3°45	8°35	1°34	4°30	13°49	15° 4	16°24	10°26	22°29	T 18
F 19	19 46 49	26°18'43	15°34	19°42	1°40	12°33	3°59	8°31	1°36	4°32	13°49	15° 5	16°20	10°32	22°27	F 19
S 20	19 50 45	27°15'58	27°28	21°10	2°51	13°13	4°12	8°27	1°39	4°33	13°50	15°R 6	16°17	10°39	22°24	S 20
S 21	19 54 42	28°13'14	9♉20	22°36	4° 2	13°53	4°25	8°22	1°41	4°34	13°50	15° 5	16°14	10°46	22°21	S 21
M22	19 58 39	29°10'30	21°12	24° 0	5°13	14°33	4°38	8°18	1°43	4°35	13°51	15° 2	16°11	10°53	22°18	M22
T 23	20 2 35	0♌ 7'47	3♊11	25°22	6°23	15°12	4°52	8°14	1°46	4°36	13°51	14°58	16° 8	10°59	22°15	T 23
W24	20 6 32	1° 5'05	15°20	26°42	7°34	15°52	5° 5	8° 9	1°48	4°37	13°52	14°52	16° 4	11° 6	22°12	W24
T 25	20 10 28	2° 2'24	27°41	27°59	8°45	16°32	5°18	8° 5	1°50	4°38	13°52	14°45	16° 1	11°13	22°10	T 25
F 26	20 14 25	2°59'44	10♋18	29°15	9°55	17°11	5°32	8° 0	1°52	4°40	13°53	14°38	15°58	11°19	22° 7	F 26
S 27	20 18 21	3°57'04	23°11	0♍28	11° 5	17°51	5°45	7°56	1°54	4°41	13°53	14°31	15°55	11°26	22° 4	S 27
S 28	20 22 18	4°54'25	6♌19	1°38	12°16	18°31	5°58	7°51	1°56	4°42	13°53	14°25	15°52	11°33	22° 1	S 28
M29	20 26 14	5°51'46	19°41	2°46	13°26	19°10	6°12	7°47	1°58	4°43	13°54	14°21	15°49	11°39	21°58	M29
T 30	20 30 11	6°49'09	3♍17	3°52	14°36	19°50	6°25	7°42	2° 0	4°45	13°54	14°19	15°45	11°46	21°55	T 30
W31	20 34 8	7♌46'31	17♍ 3	4♍55	15♍46	20♋29	6♌38	7♒38	2♊ 2	4♎46	13♉54	14°D18	15♍42	11♉53	21♒52	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 6	14n49	2s58	24n 2	1n47	19n22	1n46	24n 3	0n38	20n32	0n25	18s22	0s34	20n 7	0s12	0s25	1n24	0n43	15s54	5n30	5n 1	10n32	7s18	6n52
T 2	23 2	11 52	1 57	23 48	1 49	19 2	1 46	24 4	0 39	20 30	0 25	18 23	0 35	20 7	0 12	0 25	1 24	0 43	15 54	5 32	5 2	10 33	7 18	6 52
W 3	22 58	8 16	0 49	23 31	1 51	18 41	1 46	24 4	0 39	20 27	0 25	18 24	0 35	20 8	0 12	0 25	1 24	0 43	15 54	5 32	5 3	10 35	7 19	6 52
T 4	22 53	4 11	0n24	23 12	1 52	18 21	1 46	24 4	0 40	20 24	0 25	18 25	0 35	20 9	0 12	0 25	1 24	0 43	15 54	5 32	5 5	10 37	7 19	6 52
F 5	22 47	0s11	1 36	22 52	1 53	17 59	1 45	24 3	0 40	20 21	0 25	18 26	0 35	20 9	0 12	0 26	1 24	0 43	15 55	5 32	5 6	10 38	7 20	6 53
S 6	22 42	4 36	2 43	22 29	1 53	17 38	1 45	24 3	0 41	20 19	0 25	18 27	0 35	20 10	0 12	0 26	1 24	0 43	15 55	5 32	5 7	10 40	7 20	6 53
S 7	22 36	8 49	3 42	22 5	1 52	17 15	1 45	24 2	0 41	20 16	0 26	18 28	0 35	20 10	0 12	0 26	1 24	0 43	15 55	5 33	5 8	10 41	7 20	6 53
M 8	22 29	12 34	4 27	21 39	1 50	16 53	1 44	24 1	0 42	20 13	0 26	18 29	0 35	20 11	0 12	0 27	1 24	0 43	15 55	5 34	5 10	10 43	7 21	6 53
T 9	22 22	15 35	4 55	21 12	1 48	16 30	1 43	24 0	0 42	20 10	0 26	18 31	0 35	20 11	0 12	0 27	1 24	0 43	15 56	5 36	5 11	10 44	7 21	6 54
W10	22 15	17 37	5 5	20 43	1 46	16 6	1 43	23 58	0 43	20 7	0 26	18 32	0 35	20 12	0 12	0 27	1 24	0 42	15 56	5 39	5 12	10 46	7 22	6 54
T 11	22 7	18 30	4 55	20 14	1 42	15 42	1 42	23 57	0 43	20 4	0 26	18 33	0 36	20 12	0 12	0 28	1 24	0 42	15 56	5 42	5 13	10 48	7 23	6 54
F 12	21 59	18 12	4 26	19 43	1 38	15 18	1 41	23 55	0 44	20 1	0 26	18 34	0 36	20 13	0 12	0 28	1 24	0 42	15 56	5 46	5 15	10 49	7 23	6 54
S 13	21 51	16 47	3 42	19 11	1 34	14 54	1 40	23 53	0 44	19 58	0 26	18 35	0 36	20 13	0 12	0 28	1 24	0 42	15 57	5 49	5 16	10 51	7 24	6 55
S 14	21 42	14 25	2 46	18 39	1 29	14 29	1 39	23 51	0 45	19 56	0 26	18 36	0 36	20 14	0 12	0 29	1 24	0 42	15 57	5 51	5 17	10 52	7 24	6 55
M15	21 33	11 20	1 42	18 6	1 23	14 3	1 38	23 48	0 45	19 53	0 26	18 38	0 36	20 14	0 12	0 29	1 24	0 42	15 57	5 53	5 18	10 54	7 25	6 55
T 16	21 23	7 47	0 34	17 32	1 17	13 37	1 36	23 46	0 46	19 50	0 26	18 39	0 36	20 15	0 12	0 30	1 24	0 42	15 58	5 53	5 20	10 55	7 26	6 55
W17	21 13	3 59	0s33	16 57	1 10	13 11	1 35	23 43	0 46	19 47	0 26	18 40	0 36	20 15	0 12	0 30	1 24	0 42	15 58	5 53	5 21	10 57	7 26	6 55
T 18	21 3	0 6	1 38	16 22	1 3	12 45	1 34	23 40	0 47	19 44	0 26	18 41	0 36	20 16	0 12	0 31	1 24	0 42	15 58	5 53	5 22	10 59	7 27	6 56
F 19	20 52	3n42	2 37	15 47	0 56	12 18	1 32	23 37	0 47	19 41	0 26	18 42	0 36	20 16	0 12	0 31	1 24	0 42	15 58	5 52	5 23	11 0	7 28	6 56
S 20	20 41	7 19	3 29	15 12	0 48	11 51	1 31	23 33	0 48	19 37	0 26	18 44	0 37	20 17	0 12	0 31	1 24	0 41	15 59	5 52	5 24	11 2	7 28	6 56
S 21	20 30	10 37	4 11	14 36	0 40	11 24	1 29	23 30	0 48	19 34	0 27	18 45	0 37	20 17	0 12	0 32	1 24	0 41	15 59	5 52	5 26	11 3	7 29	6 56
M22	20 19	13 30	4 43	14 0	0 31	10 57	1 27	23 26	0 49	19 31	0 27	18 46	0 37	20 18	0 12	0 32	1 24	0 41	15 59	5 53	5 27	11 5	7 30	6 56
T 23	20 7	15 50	5 2	13 25	0 22	10 29	1 25	23 22	0 49	19 28	0 27	18 47	0 37	20 18	0 12	0 33	1 24	0 41	16 0	5 55	5 28	11 6	7 31	6 56
W24	19 54	17 30	5 9	12 49	0 13	10 1	1 23	23 18	0 49	19 25	0 27	18 49	0 37	20 19	0 12	0 33	1 24	0 41	16 0	5 57	5 29	11 8	7 31	6 56
T 25	19 41	18 23	5 1	12 13	0 3	9 32	1 21	23 14	0 50	19 22	0 27	18 50	0 37	20 19	0 12	0 34	1 23	0 41	16 0	6 0	5 31	11 10	7 32	6 57
F 26	19 28	18 24	4 39	11 38	0s 7	9 4	1 19	23 9	0 50	19 19	0 27	18 51	0 37	20 20	0 12	0 34	1 23	0 40	16 1	6 3	5 32	11 11	7 33	6 57
S 27	19 15	17 28	4 2	11 2	0 17	8 35	1 17	23 4	0 51	19 15	0 27	18 52	0 37	20 20	0 12	0 35	1 23	0 40	16 1	6 6	5 33	11 13	7 34	6 57
S 28	19 2	15 35	3 12	10 28	0 27	8 6	1 15	23 0	0 51	19 12	0 27	18 54	0 37	20 20	0 12	0 35	1 23	0 40	16 1	6 8	5 34	11 14	7 35	6 57
M29	18 48	12 51	2 10	9 53	0 38	7 37	1 12	22 54	0 52	19 9	0 27	18 55	0 37	20 21	0 12	0 36	1 23	0 40	16 1	6 9	5 36	11 16	7 35	6 57
T 30	18 33	9 22	1 0	9 19	0 49	7 8	1 10	22 49	0 52	19 6	0 27	18 56	0 37	20 21	0 12	0 37	1 23	0 40	16 2	6 10	5 37	11 17	7 36	6 57
W31	18n19	5n20	0n15	8n46	1s 0	6n38	1n 7	22n44	0n53	19n 3	0n27	18s57	0s38	20n21	0s12	0s37	1n23	0n39	16s 2	6n10	5n38	11n19	7s37	6n57

Julian Day Number = 2491537.5, Delta T = 97.76 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°16'13, Lahiri = 25°23'13

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ASTRODIENST EPHEMERIS for the year 2109
geocentric

AUGUST 2109 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 4	8♌43'55	0♎59	5♍55	16♍57	21♋ 9	6♌52	7°R33	2♊ 4	4♎48	13♉54	14♍19	15♍39	12♉ 0	21°R49	T 1
F 2	20 42 1	9°41'18	15° 1	6°53	18° 6	21°48	7° 5	7♒29	2° 5	4°49	13°55	14°21	15°36	12° 6	21♒45	F 2
S 3	20 45 57	10°38'43	29° 9	7°47	19°16	22°27	7°18	7°25	2° 7	4°50	13°55	14°22	15°33	12°13	21°42	S 3
S 4	20 49 54	11°36'08	13♏20	8°38	20°26	23° 7	7°32	7°20	2° 9	4°52	13°55	14°R22	15°30	12°20	21°39	S 4
M 5	20 53 50	12°33'33	27°34	9°26	21°36	23°46	7°45	7°16	2°10	4°53	13°55	14°21	15°26	12°26	21°36	M 5
T 6	20 57 47	13°30'59	11♐46	10°11	22°46	24°25	7°58	7°11	2°12	4°55	13°56	14°19	15°23	12°33	21°33	T 6
W 7	21 1 43	14°28'26	25°55	10°52	23°55	25° 4	8°11	7° 7	2°14	4°57	13°56	14°16	15°20	12°40	21°30	W 7
T 8	21 5 40	15°25'54	9♑58	11°29	25° 5	25°43	8°25	7° 2	2°15	4°58	13°56	14°12	15°17	12°46	21°27	T 8
F 9	21 9 37	16°23'22	23°50	12° 3	26°14	26°23	8°38	6°58	2°17	5° 0	13°56	14° 8	15°14	12°53	21°24	F 9
S 10	21 13 33	17°20'51	7♒28	12°32	27°23	27° 2	8°51	6°54	2°18	5° 1	13°56	14° 4	15°10	13° 0	21°20	S 10
S 11	21 17 30	18°18'22	20°50	12°57	28°33	27°41	9° 4	6°49	2°20	5° 3	13°56	14° 1	15° 7	13° 7	21°17	S 11
M12	21 21 26	19°15'53	3♓54	13°17	29°42	28°20	9°18	6°45	2°21	5° 5	13°56	14° 0	15° 4	13°13	21°14	M12
T 13	21 25 23	20°13'25	16°40	13°33	0♎51	28°59	9°31	6°41	2°22	5° 6	13°56	13°D59	15° 1	13°20	21°11	T 13
W14	21 29 19	21°10'59	29°10	13°43	2° 0	29°38	9°44	6°36	2°23	5° 8	13°R56	14° 0	14°58	13°27	21° 8	W14
T 15	21 33 16	22° 8'34	11♈24	13°49	3° 8	0♌16	9°57	6°32	2°25	5°10	13°56	14° 1	14°55	13°33	21° 5	T 15
F 16	21 37 12	23° 6'10	23°27	13°R49	4°17	0°55	10°10	6°28	2°26	5°11	13°56	14° 3	14°51	13°40	21° 1	F 16
S 17	21 41 9	24° 3'48	5♉22	13°44	5°26	1°34	10°23	6°24	2°27	5°13	13°56	14° 4	14°48	13°47	20°58	S 17
S 18	21 45 6	25° 1'28	17°15	13°33	6°34	2°13	10°36	6°20	2°28	5°15	13°56	14° 5	14°45	13°53	20°55	S 18
M19	21 49 2	25°59'08	29° 8	13°16	7°43	2°52	10°50	6°16	2°29	5°17	13°56	14°R 5	14°42	14° 0	20°52	M19
T 20	21 52 59	26°56'51	11♊ 8	12°54	8°51	3°30	11° 3	6°12	2°30	5°19	13°56	14° 5	14°39	14° 7	20°49	T 20
W21	21 56 55	27°54'35	23°18	12°26	9°59	4° 9	11°16	6° 8	2°31	5°20	13°56	14° 3	14°36	14°14	20°46	W21
T 22	22 0 52	28°52'21	5♋43	11°53	11° 7	4°48	11°29	6° 4	2°32	5°22	13°55	14° 2	14°32	14°20	20°42	T 22
F 23	22 4 48	29°50'08	18°25	11°15	12°15	5°26	11°42	6° 0	2°33	5°24	13°55	14° 0	14°29	14°27	20°39	F 23
S 24	22 8 45	0♍47'57	1♌28	10°33	13°23	6° 5	11°55	5°56	2°33	5°26	13°55	13°58	14°26	14°34	20°36	S 24
S 25	22 12 41	1°45'47	14°51	9°46	14°31	6°44	12° 7	5°52	2°34	5°28	13°55	13°56	14°23	14°40	20°33	S 25
M26	22 16 38	2°43'39	28°33	8°56	15°39	7°22	12°20	5°48	2°35	5°30	13°55	13°55	14°20	14°47	20°30	M26
T 27	22 20 34	3°41'32	12♍33	8° 4	16°46	8° 1	12°33	5°45	2°35	5°32	13°54	13°D55	14°16	14°54	20°27	T 27
W28	22 24 31	4°39'27	26°46	7°10	17°53	8°39	12°46	5°41	2°36	5°34	13°54	13°55	14°13	15° 0	20°24	W28
T 29	22 28 28	5°37'23	11♎ 8	6°15	19° 1	9°17	12°59	5°37	2°36	5°36	13°54	13°56	14°10	15° 7	20°21	T 29
F 30	22 32 24	6°35'20	25°34	5°21	20° 8	9°56	13°11	5°34	2°37	5°38	13°53	13°56	14° 7	15°14	20°18	F 30
S 31	22 36 21	7♍33'19	10♏ 0	4♍28	21♎15	10♌34	13♌24	5♒31	2♊37	5♎40	13♉53	13♍57	14♍ 4	15♉21	20♒15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 4	0n59	1n30	8n13	1s12	6n 9	1n 5	22n38	0n53	18n59	0n27	18s58	0s38	20n22	0s12	0s38	1n23	0n39	16s 2	6n10	5n39	11n20	7s38	6n57
F 2	17 49	3s27	2 40	7 41	1 23	5 39	1 2	22 32	0 54	18 56	0 28	19 0	0 38	20 22	0 12	0 38	1 23	0 39	16 3	6 10	5 40	11 22	7 39	6 57
S 3	17 33	7 43	3 41	7 10	1 35	5 9	0 59	22 27	0 54	18 53	0 28	19 1	0 38	20 23	0 12	0 39	1 23	0 39	16 3	6 9	5 42	11 23	7 40	6 57
S 4	17 18	11 34	4 28	6 40	1 47	4 39	0 56	22 20	0 54	18 49	0 28	19 2	0 38	20 23	0 12	0 40	1 23	0 39	16 3	6 9	5 43	11 25	7 41	6 57
M 5	17 2	14 44	4 59	6 11	1 59	4 9	0 53	22 14	0 55	18 46	0 28	19 3	0 38	20 23	0 12	0 40	1 23	0 38	16 4	6 9	5 44	11 27	7 42	6 57
T 6	16 45	17 1	5 12	5 44	2 11	3 39	0 50	22 8	0 55	18 43	0 28	19 5	0 38	20 24	0 12	0 41	1 23	0 38	16 4	6 10	5 45	11 28	7 43	6 57
W 7	16 29	18 16	5 6	5 17	2 23	3 8	0 47	22 1	0 56	18 39	0 28	19 6	0 38	20 24	0 12	0 41	1 23	0 38	16 4	6 11	5 47	11 30	7 44	6 57
T 8	16 12	18 22	4 42	4 52	2 35	2 38	0 44	21 54	0 56	18 36	0 28	19 7	0 38	20 24	0 12	0 42	1 23	0 37	16 5	6 13	5 48	11 31	7 45	6 57
F 9	15 55	17 22	4 1	4 28	2 46	2 7	0 41	21 47	0 57	18 33	0 28	19 8	0 38	20 24	0 12	0 43	1 23	0 37	16 5	6 15	5 49	11 33	7 46	6 57
S 10	15 37	15 22	3 7	4 6	2 58	1 37	0 38	21 40	0 57	18 29	0 28	19 9	0 38	20 25	0 12	0 43	1 23	0 37	16 5	6 16	5 50	11 34	7 47	6 57
S 11	15 20	12 35	2 4	3 46	3 10	1 6	0 34	21 33	0 58	18 26	0 28	19 10	0 38	20 25	0 12	0 44	1 23	0 37	16 5	6 17	5 51	11 36	7 48	6 57
M12	15 2	9 13	0 55	3 28	3 21	0 35	0 31	21 26	0 58	18 22	0 28	19 12	0 38	20 25	0 12	0 45	1 23	0 36	16 6	6 18	5 53	11 37	7 49	6 57
T 13	14 44	5 29	0s15	3 12	3 32	0 5	0 27	21 18	0 58	18 19	0 29	19 13	0 39	20 26	0 12	0 45	1 23	0 36	16 6	6 18	5 54	11 39	7 50	6 57
W14	14 26	1 36	1 23	2 58	3 43	0s26	0 24	21 10	0 59	18 16	0 29	19 14	0 39	20 26	0 12	0 46	1 23	0 36	16 6	6 17	5 55	11 40	7 51	6 57
T 15	14 7	2n17	2 25	2 47	3 53	0 57	0 20	21 3	0 59	18 12	0 29	19 15	0 39	20 26	0 12	0 47	1 23	0 35	16 7	6 17	5 56	11 42	7 52	6 57
F 16	13 48	6 0	3 21	2 38	4 2	1 27	0 16	20 55	1 0	18 9	0 29	19 16	0 39	20 26	0 12	0 48	1 23	0 35	16 7	6 16	5 58	11 43	7 53	6 57
S 17	13 29	9 25	4 7	2 32	4 11	1 58	0 12	20 46	1 0	18 5	0 29	19 17	0 39	20 26	0 12	0 48	1 23	0 35	16 7	6 16	5 59	11 45	7 54	6 57
S 18	13 10	12 27	4 42	2 29	4 19	2 29	0 8	20 38	1 0	18 2	0 29	19 18	0 39	20 27	0 12	0 49	1 23	0 35	16 8	6 15	6 0	11 46	7 55	6 57
M19	12 51	14 59	5 5	2 29	4 26	2 59	0 5	20 30	1 1	17 58	0 29	19 19	0 39	20 27	0 12	0 50	1 23	0 34	16 8	6 15	6 1	11 48	7 56	6 57
T 20	12 31	16 53	5 15	2 31	4 32	3 30	0 1	20 21	1 1	17 55	0 29	19 20	0 39	20 27	0 12	0 51	1 23	0 34	16 8	6 16	6 3	11 49	7 57	6 57
W21	12 11	18 4	5 12	2 38	4 36	4 0	0s 4	20 12	1 2	17 51	0 29	19 22	0 39	20 27	0 12	0 51	1 23	0 34	16 9	6 16	6 4	11 51	7 58	6 57
T 22	11 51	18 25	4 54	2 47	4 40	4 31	0 8	20 3	1 2	17 48	0 29	19 23	0 39	20 27	0 12	0 52	1 23	0 33	16 9	6 17	6 5	11 53	7 59	6 57
F 23	11 31	17 51	4 21	3 0	4 41	5 1	0 12	19 54	1 3	17 44	0 30	19 24	0 39	20 28	0 12	0 53	1 23	0 33	16 9	6 18	6 6	11 54	8 0	6 57
S 24	11 11	16 21	3 34	3 16	4 41	5 32	0 16	19 45	1 3	17 41	0 30	19 25	0 39	20 28	0 12	0 54	1 23	0 33	16 9	6 18	6 7	11 56	8 1	6 56
S 25	10 50	13 55	2 34	3 35	4 40	6 2	0 20	19 36	1 3	17 37	0 30	19 26	0 39	20 28	0 12	0 54	1 23	0 32	16 10	6 19	6 9	11 57	8 2	6 56
M26	10 30	10 39	1 24	3 56	4 36	6 32	0 25	19 27	1 4	17 34	0 30	19 27	0 39	20 28	0 12	0 55	1 23	0 32	16 10	6 19	6 10	11 59	8 4	6 56
T 27	10 9	6 44	0 8	4 21	4 31	7 2	0 29	19 17	1 4	17 30	0 30	19 28	0 39	20 28	0 12	0 56	1 23	0 32	16 10	6 19	6 11	12 0	8 5	6 56
W28	9 48	2 22	1n11	4 48	4 24	7 32	0 33	19 7	1 4	17 27	0 30	19 28	0 39	20 28	0 12	0 57	1 23	0 31	16 11	6 19	6 12	12 2	8 6	6 56
T 29	9 27	2s10	2 25	5 16	4 14	8 1	0 38	18 58	1 5	17 23	0 30	19 29	0 39	20 28	0 12	0 57	1 23	0 31	16 11	6 19	6 14	12 3	8 7	6 56
F 30	9 5	6 36	3 31	5 46	4 3	8 31	0 42	18 48	1 5	17 20	0 30	19 30	0 40	20 28	0 12	0 58	1 23	0 30	16 11	6 19	6 15	12 5	8 8	6 56
S 31	8n44	10s38	4n23	6n17	3s50	9s 0	0s47	18n38	1n 6	17n16	0n30	19s31	0s40	20n28	0s12	0s59	1n23	0n30	16s12	6n19	6n16	12n 6	8s 9	6n55

Julian Day Number = 2491568.5, Delta T = 97.80 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°16'17, Lahiri = 25°23'17

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ASTRODIENST EPHEMERIS for the year 2109
geocentric

SEPTEMBER 2109 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 17	8♍31'19	24♏21	3°R39	22♎22	11♌12	13♌37	5°R27	2♊38	5♎42	13°R53	13♍57	14♍ 1	15♉27	20°R12	S 1
M 2	22 44 14	9°29'20	8♐35	2♍53	23°28	11°51	13°49	5♒24	2°38	5°44	13♉52	13°R58	13°57	15°34	20♒ 9	M 2
T 3	22 48 10	10°27'23	22°38	2°13	24°35	12°29	14° 2	5°21	2°38	5°46	13°52	13°57	13°54	15°41	20° 6	T 3
W 4	22 52 7	11°25'27	6♑30	1°38	25°41	13° 7	14°14	5°17	2°38	5°48	13°51	13°57	13°51	15°47	20° 3	W 4
T 5	22 56 3	12°23'33	20°10	1°10	26°48	13°45	14°27	5°14	2°39	5°50	13°51	13°57	13°48	15°54	20° 0	T 5
F 6	23 0 0	13°21'40	3♒36	0°50	27°54	14°23	14°39	5°11	2°39	5°52	13°51	13°57	13°45	16° 1	19°58	F 6
S 7	23 3 57	14°19'48	16°48	0°37	28°59	15° 2	14°52	5° 8	2°39	5°54	13°50	13°D57	13°41	16° 8	19°55	S 7
S 8	23 7 53	15°17'58	29°46	0°D34	0♏ 5	15°40	15° 4	5° 5	2°R39	5°56	13°50	13°57	13°38	16°14	19°52	S 8
M 9	23 11 50	16°16'09	12♓31	0°39	1°11	16°18	15°16	5° 3	2°39	5°58	13°49	13°R57	13°35	16°21	19°49	M 9
T 10	23 15 46	17°14'22	25° 3	0°53	2°16	16°56	15°29	5° 0	2°39	6° 1	13°49	13°57	13°32	16°28	19°47	T 10
W11	23 19 43	18°12'37	7♈22	1°15	3°21	17°34	15°41	4°57	2°39	6° 3	13°48	13°57	13°29	16°34	19°44	W11
T 12	23 23 39	19°10'54	19°31	1°47	4°26	18°11	15°53	4°55	2°38	6° 5	13°47	13°56	13°26	16°41	19°41	T 12
F 13	23 27 36	20° 9'13	1♉31	2°27	5°31	18°49	16° 5	4°52	2°38	6° 7	13°47	13°55	13°22	16°48	19°39	F 13
S 14	23 31 32	21° 7'33	13°25	3°15	6°36	19°27	16°17	4°50	2°38	6° 9	13°46	13°55	13°19	16°54	19°36	S 14
S 15	23 35 29	22° 5'56	25°16	4°11	7°40	20° 5	16°29	4°47	2°37	6°11	13°46	13°54	13°16	17° 1	19°34	S 15
M16	23 39 26	23° 4'21	7♊ 9	5°14	8°44	20°43	16°41	4°45	2°37	6°14	13°45	13°53	13°13	17° 8	19°31	M16
T 17	23 43 22	24° 2'48	19° 7	6°24	9°48	21°21	16°53	4°43	2°37	6°16	13°44	13°D52	13°10	17°15	19°29	T 17
W18	23 47 19	25° 1'17	1♋16	7°41	10°52	21°58	17° 5	4°41	2°36	6°18	13°44	13°52	13° 7	17°21	19°26	W18
T 19	23 51 15	25°59'49	13°39	9° 3	11°55	22°36	17°16	4°39	2°36	6°20	13°43	13°53	13° 3	17°28	19°24	T 19
F 20	23 55 12	26°58'22	26°20	10°30	12°58	23°14	17°28	4°37	2°35	6°22	13°42	13°54	13° 0	17°35	19°22	F 20
S 21	23 59 8	27°56'58	9♌24	12° 1	14° 2	23°51	17°39	4°35	2°34	6°25	13°41	13°55	12°57	17°41	19°20	S 21
S 22	0 3 5	28°55'36	22°52	13°37	15° 4	24°29	17°51	4°34	2°34	6°27	13°41	13°56	12°54	17°48	19°17	S 22
M23	0 7 1	29°54'15	6♍45	15°15	16° 7	25° 6	18° 2	4°32	2°33	6°29	13°40	13°R57	12°51	17°55	19°15	M23
T 24	0 10 58	0♎52'57	21° 2	16°57	17° 9	25°44	18°14	4°31	2°32	6°31	13°39	13°57	12°47	18° 2	19°13	T 24
W25	0 14 54	1°51'41	5♎37	18°40	18°11	26°21	18°25	4°29	2°31	6°33	13°38	13°56	12°44	18° 8	19°11	W25
T 26	0 18 51	2°50'27	20°25	20°26	19°13	26°59	18°36	4°28	2°30	6°36	13°38	13°54	12°41	18°15	19° 9	T 26
F 27	0 22 48	3°49'14	5♏19	22°12	20°14	27°36	18°47	4°27	2°30	6°38	13°37	13°52	12°38	18°22	19° 7	F 27
S 28	0 26 44	4°48'04	20° 9	24° 0	21°15	28°14	18°58	4°26	2°29	6°40	13°36	13°49	12°35	18°28	19° 5	S 28
S 29	0 30 41	5°46'55	4♐49	25°49	22°16	28°51	19° 9	4°24	2°28	6°42	13°35	13°47	12°32	18°35	19° 3	S 29
M30	0 34 37	6♎45'48	19♐14	27♍38	23♏17	29♌28	19♌20	4♒24	2♊26	6♎45	13♉34	13♍45	12♍28	18♉42	19♒ 2	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n22	14s 1	4n59	6n48	3s36	9s30	0s52	18n28	1n 6	17n13	0n31	19s32	0s40	20n29	0s12	1s 0	1n23	0n30	16s12	6n18	6n17	12n 8	8s10	6n55
M 2	8 0	16 31	5 16	7 19	3 20	9 59	0 56	18 17	1 6	17 9	0 31	19 33	0 40	20 29	0 12	1 1	1 23	0 29	16 12	6 18	6 18	12 9	8 11	6 55
T 3	7 39	18 0	5 14	7 49	3 4	10 28	1 1	18 7	1 7	17 6	0 31	19 34	0 40	20 29	0 12	1 2	1 23	0 29	16 12	6 18	6 20	12 11	8 12	6 55
W 4	7 17	18 23	4 53	8 18	2 46	10 56	1 6	17 56	1 7	17 2	0 31	19 35	0 40	20 29	0 12	1 2	1 23	0 29	16 13	6 18	6 21	12 12	8 13	6 54
T 5	6 54	17 41	4 16	8 45	2 27	11 25	1 10	17 46	1 8	16 59	0 31	19 35	0 40	20 29	0 12	1 3	1 22	0 28	16 13	6 19	6 22	12 14	8 14	6 54
F 6	6 32	16 0	3 26	9 10	2 8	11 53	1 15	17 35	1 8	16 55	0 31	19 36	0 40	20 29	0 12	1 4	1 22	0 28	16 13	6 19	6 23	12 15	8 15	6 54
S 7	6 10	13 29	2 25	9 33	1 49	12 21	1 20	17 24	1 8	16 52	0 31	19 37	0 40	20 29	0 12	1 5	1 22	0 27	16 14	6 19	6 25	12 17	8 17	6 54
S 8	5 47	10 20	1 18	9 52	1 30	12 49	1 25	17 13	1 9	16 48	0 31	19 38	0 40	20 29	0 12	1 6	1 22	0 27	16 14	6 19	6 26	12 18	8 18	6 54
M 9	5 25	6 44	0 8	10 8	1 11	13 16	1 29	17 2	1 9	16 45	0 32	19 38	0 40	20 29	0 12	1 7	1 22	0 27	16 14	6 19	6 27	12 20	8 19	6 53
T 10	5 2	2 54	1s 1	10 20	0 53	13 44	1 34	16 51	1 9	16 41	0 32	19 39	0 40	20 29	0 12	1 7	1 22	0 26	16 14	6 19	6 28	12 21	8 20	6 53
W11	4 40	0n59	2 6	10 29	0 35	14 11	1 39	16 40	1 10	16 38	0 32	19 40	0 40	20 29	0 12	1 8	1 22	0 26	16 15	6 19	6 29	12 23	8 21	6 53
T 12	4 17	4 47	3 5	10 33	0 18	14 37	1 44	16 29	1 10	16 34	0 32	19 40	0 40	20 29	0 12	1 9	1 22	0 25	16 15	6 19	6 31	12 24	8 22	6 52
F 13	3 54	8 20	3 54	10 34	0 1	15 4	1 49	16 17	1 11	16 31	0 32	19 41	0 40	20 29	0 12	1 10	1 22	0 25	16 15	6 19	6 32	12 26	8 23	6 52
S 14	3 31	11 30	4 33	10 31	0n14	15 30	1 54	16 6	1 11	16 27	0 32	19 42	0 40	20 29	0 12	1 11	1 22	0 25	16 15	6 20	6 33	12 27	8 24	6 52
S 15	3 8	14 12	5 0	10 24	0 28	15 56	1 59	15 54	1 11	16 24	0 32	19 42	0 40	20 28	0 12	1 12	1 22	0 24	16 16	6 20	6 34	12 28	8 25	6 52
M16	2 45	16 19	5 15	10 13	0 41	16 21	2 4	15 43	1 12	16 21	0 32	19 43	0 40	20 28	0 12	1 13	1 22	0 24	16 16	6 20	6 36	12 30	8 26	6 51
T 17	2 22	17 44	5 15	9 59	0 53	16 46	2 9	15 31	1 12	16 17	0 33	19 43	0 40	20 28	0 12	1 13	1 22	0 23	16 16	6 20	6 37	12 31	8 27	6 51
W18	1 59	18 23	5 2	9 41	1 4	17 11	2 13	15 19	1 12	16 14	0 33	19 44	0 40	20 28	0 12	1 14	1 22	0 23	16 16	6 20	6 38	12 33	8 28	6 51
T 19	1 35	18 10	4 35	9 19	1 14	17 36	2 18	15 7	1 13	16 10	0 33	19 44	0 40	20 28	0 12	1 15	1 22	0 22	16 17	6 20	6 39	12 34	8 29	6 50
F 20	1 12	17 2	3 54	8 54	1 22	18 0	2 23	14 55	1 13	16 7	0 33	19 45	0 40	20 28	0 12	1 16	1 22	0 22	16 17	6 20	6 40	12 36	8 30	6 50
S 21	0 49	15 0	3 0	8 26	1 30	18 24	2 28	14 43	1 13	16 3	0 33	19 45	0 40	20 28	0 12	1 17	1 22	0 22	16 17	6 19	6 42	12 37	8 31	6 50
S 22	0 26	12 5	1 54	7 55	1 36	18 47	2 33	14 31	1 14	16 0	0 33	19 46	0 40	20 28	0 12	1 18	1 22	0 21	16 17	6 19	6 43	12 39	8 32	6 49
M23	0 2	8 25	0 40	7 22	1 41	19 10	2 38	14 18	1 14	15 57	0 33	19 46	0 40	20 28	0 12	1 19	1 22	0 21	16 17	6 19	6 44	12 40	8 33	6 49
T 24	0s21	4 9	0n39	6 46	1 45	19 33	2 43	14 6	1 14	15 53	0 34	19 46	0 40	20 27	0 12	1 20	1 22	0 20	16 18	6 19	6 45	12 42	8 34	6 49
W25	0 44	0s26	1 57	6 8	1 48	19 55	2 47	13 54	1 15	15 50	0 34	19 47	0 40	20 27	0 12	1 20	1 22	0 20	16 18	6 19	6 46	12 43	8 35	6 48
T 26	1 8	5 4	3 8	5 29	1 50	20 17	2 52	13 41	1 15	15 47	0 34	19 47	0 40	20 27	0 12	1 21	1 22	0 20	16 18	6 20	6 48	12 45	8 36	6 48
F 27	1 31	9 24	4 7	4 48	1 51	20 38	2 57	13 29	1 16	15 43	0 34	19 47	0 40	20 27	0 12	1 22	1 22	0 19	16 18	6 21	6 49	12 46	8 37	6 47
S 28	1 54	13 8	4 48	4 6	1 52	20 59	3 2	13 16	1 16	15 40	0 34	19 48	0 40	20 27	0 12	1 23	1 22	0 19	16 18	6 22	6 50	12 48	8 38	6 47
S 29	2 18	15 59	5 11	3 22	1 52	21 19	3 6	13 3	1 16	15 37	0 34	19 48	0 40	20 27	0 12	1 24	1 22	0 18	16 19	6 23	6 51	12 49	8 39	6 47
M30	2s41	17s47	5n13	2n38	1n51	21s39	3s11	12n51	1n17	15n33	0n35	19s48	0s40	20n26	0s12	1s25	1n22	0n18	16s19	6n23	6n53	12n50	8s40	6n46

Julian Day Number = 2491599.5, Delta T = 97.84 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°16'21, Lahiri = 25°23'22

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2109
geocentric

OCTOBER 2109 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 34	7♎44'43	3♉20	29♍27	24♏17	0♍ 6	19♌31	4°R23	2°R25	6♎47	13°R33	13°D44	12♍25	18♉49	19°R 0	T 1
W 2	0 42 30	8°43'39	17° 6	1♎16	25°16	0°43	19°42	4♒22	2♊24	6°49	13♉33	13♍44	12°22	18°55	18♒58	W 2
T 3	0 46 27	9°42'38	0♒31	3° 5	26°16	1°20	19°53	4°21	2°23	6°51	13°32	13°45	12°19	19° 2	18°57	T 3
F 4	0 50 23	10°41'37	13°39	4°53	27°15	1°57	20° 3	4°21	2°22	6°53	13°31	13°47	12°16	19° 9	18°55	F 4
S 5	0 54 20	11°40'39	26°31	6°42	28°14	2°34	20°14	4°20	2°20	6°56	13°30	13°48	12°12	19°15	18°54	S 5
S 6	0 58 17	12°39'42	9♓ 9	8°29	29°12	3°11	20°24	4°20	2°19	6°58	13°29	13°R49	12° 9	19°22	18°52	S 6
M 7	1 2 13	13°38'48	21°35	10°17	0♐10	3°48	20°34	4°20	2°18	7° 0	13°28	13°49	12° 6	19°29	18°51	M 7
T 8	1 6 10	14°37'55	3♈51	12° 3	1° 7	4°25	20°44	4°20	2°16	7° 2	13°27	13°47	12° 3	19°36	18°49	T 8
W 9	1 10 6	15°37'04	15°59	13°49	2° 4	5° 2	20°54	4°D20	2°15	7° 5	13°26	13°44	12° 0	19°42	18°48	W 9
T 10	1 14 3	16°36'15	28° 0	15°34	3° 0	5°39	21° 4	4°20	2°13	7° 7	13°25	13°39	11°57	19°49	18°47	T 10
F 11	1 17 59	17°35'28	9♉56	17°19	3°56	6°16	21°14	4°20	2°12	7° 9	13°24	13°33	11°53	19°56	18°46	F 11
S 12	1 21 56	18°34'43	21°48	19° 2	4°52	6°53	21°24	4°20	2°10	7°11	13°23	13°27	11°50	20° 2	18°45	S 12
S 13	1 25 52	19°34'01	3♊39	20°45	5°46	7°30	21°34	4°20	2° 9	7°13	13°22	13°20	11°47	20° 9	18°44	S 13
M14	1 29 49	20°33'21	15°32	22°27	6°41	8° 7	21°43	4°21	2° 7	7°16	13°21	13°15	11°44	20°16	18°43	M14
T 15	1 33 46	21°32'43	27°29	24° 9	7°35	8°44	21°53	4°21	2° 5	7°18	13°20	13°10	11°41	20°22	18°42	T 15
W16	1 37 42	22°32'07	9♋35	25°50	8°28	9°20	22° 2	4°22	2° 3	7°20	13°19	13° 7	11°38	20°29	18°41	W16
T 17	1 41 39	23°31'34	21°54	27°30	9°20	9°57	22°11	4°23	2° 2	7°22	13°18	13°D 6	11°34	20°36	18°40	T 17
F 18	1 45 35	24°31'03	4♌30	29° 9	10°12	10°34	22°21	4°24	2° 0	7°24	13°17	13° 7	11°31	20°43	18°39	F 18
S 19	1 49 32	25°30'34	17°28	0♏48	11° 4	11°10	22°30	4°25	1°58	7°26	13°16	13° 8	11°28	20°49	18°39	S 19
S 20	1 53 28	26°30'08	0♍51	2°26	11°55	11°47	22°39	4°26	1°56	7°29	13°15	13°10	11°25	20°56	18°38	S 20
M21	1 57 25	27°29'44	14°43	4° 3	12°44	12°23	22°47	4°27	1°54	7°31	13°14	13°R10	11°22	21° 3	18°38	M21
T 22	2 1 21	28°29'21	29° 2	5°40	13°34	13° 0	22°56	4°28	1°52	7°33	13°13	13° 9	11°18	21° 9	18°37	T 22
W23	2 5 18	29°29'02	13♎47	7°16	14°22	13°36	23° 5	4°30	1°50	7°35	13°11	13° 6	11°15	21°16	18°37	W23
T 24	2 9 15	0♏28'44	28°50	8°52	15°10	14°13	23°13	4°31	1°48	7°37	13°10	13° 1	11°12	21°23	18°36	T 24
F 25	2 13 11	1°28'28	14♏ 4	10°27	15°57	14°49	23°21	4°33	1°46	7°39	13° 9	12°54	11° 9	21°30	18°36	F 25
S 26	2 17 8	2°28'14	29°17	12° 1	16°43	15°25	23°30	4°34	1°44	7°41	13° 8	12°46	11° 6	21°36	18°36	S 26
S 27	2 21 4	3°28'02	14♐18	13°35	17°28	16° 2	23°38	4°36	1°42	7°43	13° 7	12°38	11° 3	21°43	18°36	S 27
M28	2 25 1	4°27'52	29° 1	15° 9	18°12	16°38	23°46	4°38	1°40	7°45	13° 6	12°32	10°59	21°50	18°D36	M28
T 29	2 28 57	5°27'43	13♑18	16°41	18°55	17°14	23°53	4°40	1°38	7°47	13° 5	12°28	10°56	21°56	18°36	T 29
W30	2 32 54	6°27'37	27° 8	18°14	19°38	17°50	24° 1	4°42	1°36	7°49	13° 4	12°26	10°53	22° 3	18°36	W30
T 31	2 36 50	7♏27'31	10♒32	19♏46	20♐19	18♍26	24♌ 9	4♒44	1♊33	7♎51	13♉ 3	12°D25	10♍50	22♉10	18♒36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 4	18s26	4n57	1n53	1n49	21s59	3s16	12n38	1n17	15n30	0n35	19s48	0s41	20n26	0s12	1s26	1n22	0n17	16s19	6n24	6n54	12n52	8s41	6n46
W 2	3 27	17 59	4 23	1 8	1 47	22 18	3 20	12 25	1 17	15 27	0 35	19 49	0 41	20 26	0 12	1 27	1 22	0 17	16 19	6 24	6 55	12 53	8 42	6 46
T 3	3 51	16 31	3 36	0 22	1 44	22 37	3 25	12 12	1 18	15 24	0 35	19 49	0 41	20 26	0 12	1 27	1 22	0 17	16 19	6 23	6 56	12 55	8 42	6 45
F 4	4 14	14 11	2 38	0s24	1 40	22 55	3 29	11 59	1 18	15 21	0 35	19 49	0 41	20 25	0 12	1 28	1 22	0 16	16 20	6 23	6 57	12 56	8 43	6 45
S 5	4 37	11 12	1 34	1 11	1 37	23 13	3 33	11 46	1 18	15 17	0 35	19 49	0 41	20 25	0 12	1 29	1 22	0 16	16 20	6 22	6 59	12 58	8 44	6 44
S 6	5 0	7 44	0 26	1 57	1 32	23 30	3 38	11 33	1 19	15 14	0 35	19 49	0 41	20 25	0 12	1 30	1 22	0 15	16 20	6 22	7 0	12 59	8 45	6 44
M 7	5 23	3 59	0s42	2 43	1 28	23 47	3 42	11 20	1 19	15 11	0 36	19 49	0 41	20 25	0 12	1 31	1 23	0 15	16 20	6 22	7 1	13 1	8 46	6 44
T 8	5 46	0 7	1 47	3 29	1 23	24 3	3 46	11 7	1 19	15 8	0 36	19 49	0 41	20 24	0 12	1 32	1 23	0 15	16 20	6 22	7 2	13 2	8 47	6 43
W 9	6 9	3n43	2 47	4 15	1 18	24 19	3 50	10 53	1 20	15 5	0 36	19 49	0 41	20 24	0 12	1 33	1 23	0 14	16 20	6 24	7 3	13 4	8 47	6 43
T 10	6 31	7 22	3 38	5 1	1 12	24 34	3 54	10 40	1 20	15 2	0 36	19 49	0 41	20 24	0 12	1 33	1 23	0 14	16 20	6 25	7 5	13 5	8 48	6 42
F 11	6 54	10 41	4 19	5 46	1 7	24 49	3 58	10 27	1 20	14 59	0 36	19 49	0 41	20 23	0 12	1 34	1 23	0 13	16 21	6 28	7 6	13 6	8 49	6 42
S 12	7 17	13 33	4 49	6 31	1 1	25 3	4 2	10 13	1 20	14 56	0 36	19 49	0 41	20 23	0 12	1 35	1 23	0 13	16 21	6 30	7 7	13 8	8 50	6 41
S 13	7 39	15 51	5 6	7 15	0 55	25 17	4 6	10 0	1 21	14 53	0 37	19 49	0 41	20 23	0 12	1 36	1 23	0 13	16 21	6 33	7 8	13 9	8 50	6 41
M14	8 1	17 30	5 10	7 59	0 49	25 30	4 9	9 47	1 21	14 50	0 37	19 49	0 41	20 22	0 12	1 37	1 23	0 12	16 21	6 35	7 9	13 11	8 51	6 40
T 15	8 24	18 23	5 1	8 42	0 42	25 43	4 13	9 33	1 21	14 47	0 37	19 49	0 41	20 22	0 12	1 38	1 23	0 12	16 21	6 37	7 11	13 12	8 52	6 40
W16	8 46	18 27	4 38	9 25	0 36	25 55	4 16	9 20	1 22	14 44	0 37	19 49	0 41	20 22	0 12	1 39	1 23	0 11	16 21	6 38	7 12	13 14	8 52	6 40
T 17	9 8	17 39	4 2	10 7	0 29	26 6	4 19	9 6	1 22	14 42	0 37	19 49	0 41	20 21	0 12	1 39	1 23	0 11	16 21	6 38	7 13	13 15	8 53	6 39
F 18	9 30	15 59	3 14	10 49	0 22	26 18	4 23	8 52	1 22	14 39	0 37	19 48	0 41	20 21	0 12	1 40	1 23	0 11	16 21	6 38	7 14	13 16	8 54	6 39
S 19	9 51	13 27	2 15	11 30	0 16	26 28	4 26	8 39	1 23	14 36	0 38	19 48	0 41	20 21	0 12	1 41	1 23	0 10	16 21	6 37	7 16	13 18	8 54	6 38
S 20	10 13	10 8	1 6	12 10	0 9	26 38	4 29	8 25	1 23	14 33	0 38	19 48	0 41	20 20	0 12	1 42	1 23	0 10	16 22	6 37	7 17	13 19	8 55	6 38
M21	10 35	6 9	0n 8	12 50	0 2	26 48	4 31	8 11	1 23	14 31	0 38	19 48	0 41	20 20	0 12	1 43	1 23	0 10	16 22	6 37	7 18	13 21	8 56	6 37
T 22	10 56	1 41	1 25	13 29	0s 5	26 56	4 34	7 58	1 24	14 28	0 38	19 47	0 41	20 20	0 12	1 43	1 23	0 9	16 22	6 37	7 19	13 22	8 56	6 37
W23	11 17	3s 1	2 38	14 7	0 11	27 5	4 36	7 44	1 24	14 25	0 38	19 47	0 41	20 19	0 12	1 44	1 23	0 9	16 22	6 38	7 20	13 24	8 57	6 36
T 24	11 38	7 36	3 41	14 44	0 18	27 13	4 39	7 30	1 24	14 23	0 39	19 47	0 41	20 19	0 12	1 45	1 23	0 8	16 22	6 40	7 22	13 25	8 57	6 36
F 25	11 59	11 46	4 29	15 21	0 25	27 20	4 41	7 17	1 25	14 20	0 39	19 46	0 41	20 18	0 12	1 46	1 23	0 8	16 22	6 43	7 23	13 26	8 58	6 35
S 26	12 19	15 7	4 58	15 56	0 32	27 27	4 43	7 3	1 25	14 18	0 39	19 46	0 41	20 18	0 12	1 47	1 23	0 8	16 22	6 46	7 24	13 28	8 58	6 35
S 27	12 40	17 25	5 7	16 31	0 39	27 33	4 44	6 49	1 25	14 15	0 39	19 46	0 41	20 18	0 12	1 47	1 23	0 7	16 22	6 49	7 25	13 29	8 59	6 35
M28	13 0	18 31	4 54	17 5	0 45	27 39	4 46	6 35	1 25	14 13	0 39	19 45	0 41	20 17	0 12	1 48	1 23	0 7	16 22	6 51	7 26	13 31	8 59	6 34
T 29	13 20	18 23	4 24	17 38	0 52	27 44	4 47	6 21	1 26	14 10	0 40	19 45	0 41	20 17	0 12	1 49	1 23	0 7	16 22	6 53	7 28	13 32	9 0	6 34
W30	13 40	17 8	3 39	18 11	0 58	27 49	4 49	6 8	1 26	14 8	0 40	19 44	0 41	20 16	0 12	1 50	1 23	0 6	16 22	6 54	7 29	13 33	9 0	6 33
T 31	13s59	14s58	2n43	18s42	1s 5	27s53	4s50	5n54	1n26	14n 6	0n40	19s44	0s41	20n16	0s12	1s51	1n23	0n 6	16s22	6n54	7n30	13n35	9s 1	6n33

Julian Day Number = 2491629.5, Delta T = 97.88 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°16'25, Lahiri = 25°23'26

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ASTRODIENST EPHEMERIS for the year 2109
geocentric

NOVEMBER 2109 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 40 47	8♏27'27	23♒33	21♏17	20♐59	19♍ 2	24♌16	4♒46	1°R31	7♎53	13°R 1	12♍26	10♍47	22♉17	18♒36	F 1
S 2	2 44 44	9°27'25	6♓13	22°48	21°37	19°38	24°23	4°49	1♊29	7°55	13♉ 0	12°R27	10°44	22°23	18°37	S 2
S 3	2 48 40	10°27'25	18°38	24°18	22°15	20°14	24°30	4°51	1°27	7°57	12°59	12°27	10°40	22°30	18°37	S 3
M 4	2 52 37	11°27'26	0♈51	25°48	22°51	20°50	24°37	4°54	1°24	7°59	12°58	12°25	10°37	22°37	18°37	M 4
T 5	2 56 33	12°27'29	12°55	27°17	23°27	21°26	24°44	4°56	1°22	8° 1	12°57	12°21	10°34	22°44	18°38	T 5
W 6	3 0 30	13°27'33	24°54	28°46	24° 0	22° 2	24°51	4°59	1°20	8° 3	12°56	12°13	10°31	22°50	18°38	W 6
T 7	3 4 26	14°27'39	6♉48	0♐14	24°32	22°38	24°57	5° 2	1°17	8° 5	12°55	12° 4	10°28	22°57	18°39	T 7
F 8	3 8 23	15°27'47	18°41	1°42	25° 3	23°13	25° 4	5° 5	1°15	8° 7	12°54	11°52	10°24	23° 4	18°40	F 8
S 9	3 12 19	16°27'57	0♊33	3° 9	25°33	23°49	25°10	5° 8	1°12	8° 9	12°52	11°39	10°21	23°10	18°40	S 9
S 10	3 16 16	17°28'09	12°26	4°36	26° 0	24°25	25°16	5°11	1°10	8°10	12°51	11°27	10°18	23°17	18°41	S 10
M11	3 20 12	18°28'23	24°21	6° 2	26°26	25° 0	25°22	5°14	1° 8	8°12	12°50	11°15	10°15	23°24	18°42	M11
T 12	3 24 9	19°28'38	6♋21	7°27	26°51	25°36	25°28	5°17	1° 5	8°14	12°49	11° 5	10°12	23°31	18°43	T 12
W13	3 28 6	20°28'56	18°29	8°52	27°13	26°11	25°33	5°21	1° 3	8°16	12°48	10°58	10° 9	23°37	18°44	W13
T 14	3 32 2	21°29'15	0♌46	10°16	27°34	26°47	25°39	5°24	1° 0	8°18	12°47	10°53	10° 5	23°44	18°45	T 14
F 15	3 35 59	22°29'36	13°19	11°39	27°53	27°22	25°44	5°28	0°58	8°19	12°46	10°51	10° 2	23°51	18°46	F 15
S 16	3 39 55	23°29'59	26°10	13° 2	28° 9	27°57	25°49	5°31	0°55	8°21	12°45	10°D51	9°59	23°57	18°47	S 16
S 17	3 43 52	24°30'24	9♍24	14°23	28°24	28°33	25°54	5°35	0°53	8°23	12°44	10°R51	9°56	24° 4	18°49	S 17
M18	3 47 48	25°30'51	23° 5	15°43	28°37	29° 8	25°59	5°39	0°50	8°24	12°42	10°51	9°53	24°11	18°50	M18
T 19	3 51 45	26°31'20	7♎15	17° 2	28°48	29°43	26° 3	5°43	0°48	8°26	12°41	10°49	9°49	24°18	18°51	T 19
W20	3 55 41	27°31'51	21°52	18°19	28°56	0♎18	26° 8	5°47	0°45	8°28	12°40	10°44	9°46	24°24	18°53	W20
T 21	3 59 38	28°32'23	6♏53	19°35	29° 2	0°53	26°12	5°51	0°43	8°29	12°39	10°36	9°43	24°31	18°54	T 21
F 22	4 3 35	29°32'57	22°10	20°50	29° 6	1°28	26°16	5°55	0°40	8°31	12°38	10°26	9°40	24°38	18°56	F 22
S 23	4 7 31	0♐33'33	7♐31	22° 2	29°R 8	2° 3	26°20	5°59	0°38	8°32	12°37	10°14	9°37	24°44	18°57	S 23
S 24	4 11 28	1°34'10	22°45	23°12	29° 7	2°38	26°24	6° 3	0°35	8°34	12°36	10° 3	9°34	24°51	18°59	S 24
M25	4 15 24	2°34'49	7♑42	24°19	29° 3	3°13	26°27	6° 8	0°33	8°35	12°35	9°53	9°30	24°58	19° 1	M25
T 26	4 19 21	3°35'29	22°13	25°23	28°58	3°47	26°31	6°12	0°30	8°37	12°34	9°46	9°27	25° 5	19° 3	T 26
W27	4 23 17	4°36'09	6♒14	26°24	28°49	4°22	26°34	6°17	0°28	8°38	12°33	9°41	9°24	25°11	19° 5	W27
T 28	4 27 14	5°36'51	19°45	27°21	28°39	4°57	26°37	6°21	0°25	8°40	12°32	9°38	9°21	25°18	19° 6	T 28
F 29	4 31 11	6°37'34	2♓48	28°14	28°25	5°31	26°40	6°26	0°23	8°41	12°31	9°38	9°18	25°25	19° 8	F 29
S 30	4 35 7	7♐38'18	15♓28	29♐ 2	28♐10	6♎ 6	26♌42	6♒31	0♊20	8♎42	12♉30	9♍38	9♍15	25♉31	19♒11	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s19	12s 6	1n40	19s13	1s11	27s57	4s50	5n40	1n27	14n 3	0n40	19s43	0s41	20n15	0s12	1s51	1n23	0n 6	16s22	6n53	7n31	13n36	9s 1	6n32
S 2	14 38	8 42	0 33	19 42	1 17	28 0	4 51	5 26	1 27	14 1	0 40	19 43	0 41	20 15	0 12	1 52	1 23	0 5	16 22	6 53	7 32	13 38	9 1	6 32
S 3	14 57	5 0	0s33	20 11	1 23	28 2	4 51	5 12	1 27	13 59	0 41	19 42	0 41	20 14	0 12	1 53	1 23	0 5	16 22	6 53	7 34	13 39	9 2	6 31
M 4	15 16	1 9	1 37	20 38	1 29	28 5	4 51	4 58	1 28	13 57	0 41	19 41	0 41	20 14	0 12	1 54	1 23	0 5	16 22	6 54	7 35	13 40	9 2	6 31
T 5	15 34	2n43	2 35	21 5	1 35	28 6	4 51	4 44	1 28	13 55	0 41	19 41	0 41	20 14	0 12	1 54	1 23	0 4	16 22	6 56	7 36	13 42	9 2	6 30
W 6	15 52	6 26	3 26	21 30	1 41	28 7	4 50	4 31	1 28	13 53	0 41	19 40	0 41	20 13	0 12	1 55	1 23	0 4	16 22	6 58	7 37	13 43	9 3	6 30
T 7	16 10	9 52	4 8	21 55	1 46	28 8	4 50	4 17	1 28	13 51	0 41	19 39	0 41	20 13	0 12	1 56	1 23	0 4	16 22	7 2	7 38	13 45	9 3	6 29
F 8	16 28	12 55	4 38	22 18	1 51	28 8	4 48	4 3	1 29	13 49	0 42	19 39	0 41	20 12	0 12	1 56	1 23	0 4	16 22	7 6	7 40	13 46	9 3	6 29
S 9	16 45	15 25	4 56	22 41	1 56	28 8	4 47	3 49	1 29	13 47	0 42	19 38	0 41	20 12	0 12	1 57	1 23	0 3	16 22	7 11	7 41	13 47	9 3	6 28
S 10	17 2	17 17	5 2	23 2	2 1	28 7	4 45	3 35	1 29	13 45	0 42	19 37	0 41	20 11	0 12	1 58	1 23	0 3	16 22	7 16	7 42	13 49	9 3	6 28
M11	17 19	18 24	4 54	23 22	2 6	28 5	4 43	3 21	1 30	13 43	0 42	19 37	0 41	20 11	0 12	1 58	1 23	0 3	16 22	7 20	7 43	13 50	9 4	6 27
T 12	17 35	18 43	4 34	23 41	2 10	28 3	4 40	3 7	1 30	13 42	0 42	19 36	0 41	20 10	0 12	1 59	1 23	0 3	16 22	7 24	7 44	13 52	9 4	6 27
W13	17 51	18 11	4 0	23 58	2 14	28 1	4 38	2 54	1 30	13 40	0 43	19 35	0 41	20 10	0 12	2 0	1 23	0 2	16 22	7 27	7 46	13 53	9 4	6 27
T 14	18 7	16 47	3 16	24 15	2 18	27 58	4 34	2 40	1 30	13 38	0 43	19 34	0 41	20 9	0 12	2 0	1 23	0 2	16 22	7 29	7 47	13 54	9 4	6 26
F 15	18 23	14 34	2 21	24 30	2 21	27 55	4 31	2 26	1 31	13 37	0 43	19 33	0 41	20 9	0 12	2 1	1 24	0 2	16 22	7 29	7 48	13 56	9 4	6 26
S 16	18 38	11 35	1 17	24 44	2 24	27 51	4 27	2 12	1 31	13 35	0 43	19 32	0 41	20 8	0 12	2 2	1 24	0 2	16 21	7 30	7 49	13 57	9 4	6 25
S 17	18 53	7 55	0 8	24 57	2 27	27 47	4 22	1 58	1 31	13 34	0 44	19 31	0 41	20 8	0 12	2 2	1 24	0 1	16 21	7 29	7 50	13 58	9 4	6 25
M18	19 8	3 44	1n 4	25 8	2 29	27 42	4 17	1 45	1 31	13 32	0 44	19 31	0 41	20 7	0 12	2 3	1 24	0 1	16 21	7 30	7 52	14 0	9 4	6 24
T 19	19 22	0s49	2 15	25 18	2 31	27 37	4 12	1 31	1 32	13 31	0 44	19 30	0 41	20 7	0 12	2 4	1 24	0 1	16 21	7 30	7 53	14 1	9 4	6 24
W20	19 36	5 26	3 19	25 27	2 33	27 31	4 6	1 17	1 32	13 30	0 44	19 29	0 41	20 6	0 12	2 4	1 24	0 1	16 21	7 32	7 54	14 3	9 4	6 23
T 21	19 49	9 51	4 11	25 34	2 33	27 24	3 59	1 4	1 32	13 28	0 44	19 28	0 41	20 6	0 12	2 5	1 24	0 0	16 21	7 35	7 55	14 4	9 4	6 23
F 22	20 2	13 42	4 46	25 40	2 34	27 17	3 52	0 50	1 33	13 27	0 45	19 27	0 41	20 5	0 12	2 5	1 24	0 0	16 21	7 39	7 56	14 5	9 4	6 22
S 23	20 15	16 37	5 0	25 44	2 34	27 10	3 45	0 36	1 33	13 26	0 45	19 26	0 41	20 5	0 12	2 6	1 24	0 0	16 21	7 43	7 58	14 7	9 4	6 22
S 24	20 28	18 21	4 53	25 47	2 33	27 2	3 37	0 23	1 33	13 25	0 45	19 25	0 41	20 4	0 12	2 6	1 24	0s 0	16 21	7 48	7 59	14 8	9 4	6 22
M25	20 40	18 46	4 26	25 49	2 31	26 54	3 28	0 9	1 33	13 24	0 45	19 23	0 41	20 4	0 12	2 7	1 24	0 0	16 20	7 51	8 0	14 9	9 4	6 21
T 26	20 51	17 56	3 43	25 49	2 29	26 44	3 19	0s 4	1 34	13 23	0 46	19 22	0 41	20 3	0 12	2 8	1 24	0 0	16 20	7 54	8 1	14 11	9 4	6 21
W27	21 3	16 1	2 47	25 48	2 26	26 35	3 10	0 18	1 34	13 22	0 46	19 21	0 41	20 3	0 12	2 8	1 24	0 1	16 20	7 56	8 2	14 12	9 4	6 20
T 28	21 14	13 15	1 43	25 45	2 22	26 25	3 0	0 31	1 34	13 21	0 46	19 20	0 41	20 2	0 12	2 9	1 24	0 1	16 20	7 57	8 4	14 13	9 4	6 20
F 29	21 24	9 54	0 36	25 41	2 17	26 14	2 49	0 45	1 34	13 21	0 46	19 19	0 41	20 2	0 12	2 9	1 24	0 1	16 20	7 57	8 5	14 15	9 3	6 19
S 30	21s34	6s12	0s31	25s36	2s11	26s 2	2s38	0s58	1n35	13n20	0n47	19s18	0s41	20n 1	0s12	2s10	1n24	0s 1	16s20	7n57	8n 6	14n16	9s 3	6n19

Julian Day Number = 2491660.5, Delta T = 97.93 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°16'30, Lahiri = 25°23'30

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ASTRODIENST EPHEMERIS for the year 2109
geocentric

DECEMBER 2109 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 4	8♐39'03	27♓49	29♐44	27°R52	6♎40	26♌45	6♒35	0°R18	8♎44	12°R29	9°R37	9♍11	25♉38	19♒13	S 1
M 2	4 43 0	9°39'49	9♈57	0♑20	27♐31	7°14	26°47	6°40	0♊15	8°45	12♉28	9♍34	9° 8	25°45	19°15	M 2
T 3	4 46 57	10°40'36	21°55	0°48	27° 9	7°49	26°49	6°45	0°13	8°46	12°27	9°29	9° 5	25°52	19°17	T 3
W 4	4 50 53	11°41'24	3♉48	1° 9	26°44	8°23	26°51	6°50	0°10	8°48	12°26	9°21	9° 2	25°58	19°19	W 4
T 5	4 54 50	12°42'12	15°39	1°21	26°17	8°57	26°53	6°55	0° 8	8°49	12°25	9°10	8°59	26° 5	19°22	T 5
F 6	4 58 46	13°43'02	27°31	1°R23	25°49	9°31	26°54	7° 0	0° 5	8°50	12°24	8°56	8°55	26°12	19°24	F 6
S 7	5 2 43	14°43'53	9♊25	1°15	25°18	10° 5	26°56	7° 6	0° 3	8°51	12°23	8°41	8°52	26°18	19°27	S 7
S 8	5 6 39	15°44'45	21°23	0°56	24°46	10°39	26°57	7°11	0° 1	8°52	12°22	8°26	8°49	26°25	19°29	S 8
M 9	5 10 36	16°45'38	3♋25	0°26	24°13	11°13	26°58	7°16	29♉58	8°53	12°21	8°13	8°46	26°32	19°32	M 9
T 10	5 14 33	17°46'33	15°34	29♐44	23°38	11°46	26°58	7°22	29°56	8°54	12°20	8° 1	8°43	26°39	19°34	T 10
W11	5 18 29	18°47'28	27°50	28°52	23° 3	12°20	26°59	7°27	29°54	8°55	12°19	7°52	8°40	26°45	19°37	W11
T 12	5 22 26	19°48'24	10♌15	27°50	22°27	12°54	26°59	7°33	29°51	8°56	12°19	7°46	8°36	26°52	19°40	T 12
F 13	5 26 22	20°49'22	22°51	26°39	21°51	13°27	26°R59	7°38	29°49	8°57	12°18	7°44	8°33	26°59	19°42	F 13
S 14	5 30 19	21°50'20	5♍43	25°21	21°14	14° 1	26°59	7°44	29°47	8°58	12°17	7°D43	8°30	27° 6	19°45	S 14
S 15	5 34 15	22°51'20	18°53	23°59	20°38	14°34	26°59	7°50	29°44	8°59	12°16	7°R43	8°27	27°12	19°48	S 15
M16	5 38 12	23°52'20	2♎25	22°36	20° 2	15° 7	26°59	7°56	29°42	9° 0	12°15	7°43	8°24	27°19	19°51	M16
T 17	5 42 9	24°53'22	16°22	21°15	19°26	15°40	26°58	8° 1	29°40	9° 1	12°14	7°41	8°21	27°26	19°54	T 17
W18	5 46 5	25°54'25	0♏42	19°57	18°52	16°13	26°57	8° 7	29°38	9° 2	12°14	7°37	8°17	27°32	19°57	W18
T 19	5 50 2	26°55'29	15°26	18°46	18°18	16°46	26°56	8°13	29°36	9° 3	12°13	7°30	8°14	27°39	20° 0	T 19
F 20	5 53 58	27°56'34	0♐26	17°43	17°46	17°19	26°55	8°19	29°33	9° 3	12°12	7°21	8°11	27°46	20° 3	F 20
S 21	5 57 55	28°57'39	15°36	16°51	17°15	17°52	26°53	8°25	29°31	9° 4	12°11	7°10	8° 8	27°53	20° 6	S 21
S 22	6 1 51	29°58'45	0♑44	16° 8	16°46	18°25	26°52	8°31	29°29	9° 5	12°11	7° 0	8° 5	27°59	20°10	S 22
M23	6 5 48	0♑59'52	15°40	15°37	16°19	18°57	26°50	8°38	29°27	9° 5	12°10	6°50	8° 1	28° 6	20°13	M23
T 24	6 9 44	2° 1'00	0♒15	15°16	15°54	19°30	26°48	8°44	29°25	9° 6	12° 9	6°43	7°58	28°13	20°16	T 24
W25	6 13 41	3° 2'07	14°23	15° 6	15°31	20° 2	26°46	8°50	29°23	9° 7	12° 9	6°38	7°55	28°19	20°19	W25
T 26	6 17 38	4° 3'15	28° 3	15°D 6	15°10	20°35	26°43	8°56	29°21	9° 7	12° 8	6°36	7°52	28°26	20°23	T 26
F 27	6 21 34	5° 4'22	11♓13	15°16	14°52	21° 7	26°41	9° 3	29°19	9° 8	12° 7	6°D36	7°49	28°33	20°26	F 27
S 28	6 25 31	6° 5'30	23°59	15°33	14°36	21°39	26°38	9° 9	29°18	9° 8	12° 7	6°36	7°46	28°40	20°30	S 28
S 29	6 29 27	7° 6'38	6♈24	15°59	14°22	22°11	26°35	9°16	29°16	9° 9	12° 6	6°R37	7°42	28°46	20°33	S 29
M30	6 33 24	8° 7'46	18°32	16°31	14°11	22°43	26°32	9°22	29°14	9° 9	12° 6	6°36	7°39	28°53	20°37	M30
T 31	6 37 20	9♑ 8'54	0♉30	17♐10	14♐ 2	23♎15	26♌28	9♒29	29♉12	9♎ 9	12♉ 5	6♍33	7♍36	29♉ 0	20♒40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s44	2s19	1s35	25s29	2s 4	25s50	2s26	1s11	1n35	13n19	0n47	19s17	0s41	20n 1	0s12	2s10	1n24	0s 1	16s20	7n57	8n 7	14n18	9s 3	6n19
M 2	21 53	1n36	2 33	25 21	1 55	25 38	2 14	1 25	1 35	13 19	0 47	19 15	0 41	20 0	0 12	2 11	1 24	0 1	16 19	7 58	8 8	14 19	9 3	6 18
T 3	22 2	5 23	3 23	25 11	1 46	25 24	2 1	1 38	1 35	13 18	0 47	19 14	0 41	19 59	0 12	2 11	1 24	0 1	16 19	8 0	8 10	14 20	9 2	6 18
W 4	22 10	8 56	4 5	25 0	1 35	25 10	1 48	1 51	1 36	13 18	0 48	19 13	0 41	19 59	0 12	2 11	1 24	0 1	16 19	8 4	8 11	14 22	9 2	6 17
T 5	22 18	12 7	4 35	24 48	1 23	24 56	1 34	2 4	1 36	13 18	0 48	19 12	0 41	19 58	0 12	2 12	1 24	0 1	16 19	8 8	8 12	14 23	9 2	6 17
F 6	22 26	14 49	4 54	24 34	1 9	24 41	1 20	2 18	1 36	13 17	0 48	19 10	0 41	19 58	0 12	2 12	1 24	0 2	16 19	8 13	8 13	14 24	9 1	6 16
S 7	22 33	16 55	4 59	24 19	0 54	24 25	1 5	2 31	1 36	13 17	0 48	19 9	0 41	19 57	0 12	2 13	1 25	0 2	16 18	8 18	8 14	14 26	9 1	6 16
S 8	22 40	18 17	4 52	24 3	0 38	24 9	0 50	2 44	1 37	13 17	0 49	19 8	0 41	19 57	0 12	2 13	1 25	0 2	16 18	8 24	8 15	14 27	9 1	6 16
M 9	22 46	18 51	4 31	23 45	0 20	23 53	0 35	2 57	1 37	13 17	0 49	19 6	0 41	19 57	0 12	2 13	1 25	0 2	16 18	8 29	8 17	14 28	9 0	6 15
T 10	22 52	18 34	3 58	23 27	0 1	23 36	0 20	3 10	1 37	13 17	0 49	19 5	0 41	19 56	0 12	2 14	1 25	0 2	16 18	8 33	8 18	14 30	9 0	6 15
W11	22 57	17 25	3 14	23 7	0n18	23 19	0 4	3 23	1 37	13 17	0 49	19 4	0 41	19 56	0 12	2 14	1 25	0 2	16 18	8 37	8 19	14 31	8 59	6 14
T 12	23 2	15 25	2 20	22 46	0 39	23 1	0n11	3 35	1 38	13 17	0 50	19 2	0 41	19 55	0 12	2 15	1 25	0 2	16 17	8 39	8 20	14 32	8 59	6 14
F 13	23 6	12 40	1 18	22 24	0 59	22 43	0 27	3 48	1 38	13 17	0 50	19 1	0 41	19 55	0 12	2 15	1 25	0 2	16 17	8 40	8 21	14 34	8 59	6 14
S 14	23 10	9 15	0 11	22 2	1 19	22 25	0 43	4 1	1 38	13 17	0 50	18 59	0 41	19 54	0 11	2 15	1 25	0 2	16 17	8 40	8 23	14 35	8 58	6 13
S 15	23 14	5 18	0n59	21 40	1 38	22 8	0 58	4 14	1 38	13 18	0 50	18 58	0 41	19 54	0 11	2 16	1 25	0 2	16 17	8 40	8 24	14 36	8 57	6 13
M16	23 17	0 59	2 7	21 18	1 55	21 50	1 13	4 26	1 39	13 18	0 51	18 57	0 42	19 53	0 11	2 16	1 25	0 2	16 16	8 40	8 25	14 38	8 57	6 13
T 17	23 19	3s31	3 10	20 57	2 11	21 32	1 29	4 39	1 39	13 19	0 51	18 55	0 42	19 53	0 11	2 16	1 25	0 2	16 16	8 41	8 26	14 39	8 56	6 12
W18	23 22	7 56	4 2	20 38	2 25	21 14	1 43	4 51	1 39	13 19	0 51	18 54	0 42	19 52	0 11	2 16	1 25	0 2	16 16	8 42	8 27	14 40	8 56	6 12
T 19	23 23	11 59	4 40	20 21	2 36	20 57	1 58	5 4	1 39	13 20	0 51	18 52	0 42	19 52	0 11	2 17	1 25	0 2	16 16	8 45	8 29	14 41	8 55	6 11
F 20	23 24	15 20	5 0	20 7	2 45	20 40	2 12	5 16	1 39	13 20	0 52	18 50	0 42	19 51	0 11	2 17	1 25	0 2	16 15	8 48	8 30	14 43	8 55	6 11
S 21	23 25	17 41	4 59	19 55	2 52	20 24	2 26	5 28	1 40	13 21	0 52	18 49	0 42	19 51	0 11	2 17	1 25	0 2	16 15	8 52	8 31	14 44	8 54	6 11
S 22	23 25	18 48	4 37	19 47	2 56	20 8	2 39	5 40	1 40	13 22	0 52	18 47	0 42	19 50	0 11	2 17	1 25	0 2	16 15	8 56	8 32	14 45	8 53	6 10
M23	23 25	18 36	3 56	19 41	2 59	19 52	2 52	5 52	1 40	13 23	0 52	18 46	0 42	19 50	0 11	2 18	1 25	0 2	16 15	9 0	8 33	14 47	8 53	6 10
T 24	23 24	17 8	3 1	19 39	2 59	19 38	3 4	6 5	1 40	13 24	0 52	18 44	0 42	19 50	0 11	2 18	1 25	0 2	16 14	9 3	8 34	14 48	8 52	6 10
W25	23 23	14 40	1 55	19 39	2 58	19 24	3 16	6 17	1 41	13 25	0 53	18 43	0 42	19 49	0 11	2 18	1 25	0 2	16 14	9 4	8 36	14 49	8 51	6 9
T 26	23 22	11 26	0 45	19 41	2 55	19 11	3 27	6 28	1 41	13 26	0 53	18 41	0 42	19 49	0 11	2 18	1 26	0 1	16 14	9 5	8 37	14 51	8 50	6 9
F 27	23 20	7 44	0s25	19 46	2 51	18 58	3 37	6 40	1 41	13 27	0 53	18 39	0 42	19 48	0 11	2 18	1 26	0 1	16 13	9 5	8 38	14 52	8 50	6 9
S 28	23 17	3 47	1 32	19 53	2 46	18 47	3 47	6 52	1 41	13 28	0 53	18 38	0 42	19 48	0 11	2 18	1 26	0 1	16 13	9 5	8 39	14 53	8 49	6 9
S 29	23 14	0n12	2 32	20 2	2 40	18 36	3 56	7 4	1 41	13 29	0 54	18 36	0 42	19 48	0 11	2 18	1 26	0 1	16 13	9 5	8 40	14 55	8 48	6 8
M30	23 10	4 6	3 25	20 12	2 34	18 26	4 5	7 15	1 42	13 31	0 54	18 34	0 42	19 47	0 11	2 19	1 26	0 1	16 13	9 5	8 42	14 56	8 47	6 8
T 31	23s 6	7n47	4s 7	20s22	2n26	18s17	4n13	7s27	1n42	13n32	0n54	18s33	0s42	19n47	0s11	2s19	1n26	0s 1	16s12	9n 6	8n43	14n57	8s46	6n 8

Julian Day Number = 2491690.5, Delta T = 97.97 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°16'34, Lahiri = 25°23'34

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ASTRODIENST EPHEMERIS for the year 2110
geocentric

JANUARY 2110 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 41 17	10♑10'02	12♉23	17♐54	13°R55	23♎46	26°R25	9♒35	29°R10	9♎10	12°R 4	6°R28	7♍33	29♉ 7	20♒44	W 1
T 2	6 45 13	11°11'10	24°13	18°44	13♐52	24°18	26♌21	9°42	29♉ 9	9°10	12♉ 4	6♍21	7°30	29°13	20°48	T 2
F 3	6 49 10	12°12'18	6♊ 6	19°37	13°D50	24°49	26°17	9°48	29° 7	9°10	12° 3	6°12	7°27	29°20	20°51	F 3
S 4	6 53 7	13°13'26	18° 4	20°35	13°51	25°20	26°13	9°55	29° 5	9°11	12° 3	6° 1	7°23	29°27	20°55	S 4
S 5	6 57 3	14°14'33	0♋ 8	21°36	13°55	25°52	26° 9	10° 2	29° 4	9°11	12° 3	5°51	7°20	29°33	20°59	S 5
M 6	7 1 0	15°15'41	12°20	22°40	14° 1	26°23	26° 4	10° 8	29° 2	9°11	12° 2	5°41	7°17	29°40	21° 3	M 6
T 7	7 4 56	16°16'49	24°42	23°47	14° 9	26°54	26° 0	10°15	29° 1	9°11	12° 2	5°32	7°14	29°47	21° 6	T 7
W 8	7 8 53	17°17'57	7♌13	24°57	14°19	27°24	25°55	10°22	28°59	9°11	12° 1	5°26	7°11	29°54	21°10	W 8
T 9	7 12 49	18°19'04	19°54	26° 8	14°32	27°55	25°50	10°29	28°58	9°11	12° 1	5°23	7° 7	0♊ 0	21°14	T 9
F 10	7 16 46	19°20'12	2♍46	27°22	14°47	28°25	25°45	10°36	28°57	9°R11	12° 1	5°D21	7° 4	0° 7	21°18	F 10
S 11	7 20 42	20°21'20	15°51	28°37	15° 4	28°56	25°40	10°42	28°55	9°11	12° 0	5°22	7° 1	0°14	21°22	S 11
S 12	7 24 39	21°22'27	29° 9	29°54	15°22	29°26	25°34	10°49	28°54	9°11	12° 0	5°23	6°58	0°21	21°26	S 12
M13	7 28 36	22°23'35	12♎43	1♑12	15°43	29°56	25°29	10°56	28°53	9°11	12° 0	5°24	6°55	0°27	21°30	M13
T 14	7 32 32	23°24'43	26°34	2°32	16° 6	0♏26	25°23	11° 3	28°52	9°11	11°59	5°R25	6°52	0°34	21°34	T 14
W15	7 36 29	24°25'51	10♏41	3°52	16°31	0°56	25°17	11°10	28°50	9°11	11°59	5°24	6°48	0°41	21°38	W15
T 16	7 40 25	25°26'58	25° 4	5°14	16°57	1°26	25°11	11°17	28°49	9°11	11°59	5°21	6°45	0°47	21°42	T 16
F 17	7 44 22	26°28'06	9♐40	6°37	17°25	1°55	25° 5	11°24	28°48	9°11	11°59	5°16	6°42	0°54	21°46	F 17
S 18	7 48 18	27°29'14	24°24	8° 1	17°55	2°24	24°59	11°31	28°47	9°10	11°59	5°10	6°39	1° 1	21°50	S 18
S 19	7 52 15	28°30'21	9♑ 8	9°26	18°26	2°54	24°53	11°38	28°46	9°10	11°58	5° 4	6°36	1° 8	21°54	S 19
M20	7 56 11	29°31'28	23°44	10°51	18°59	3°23	24°46	11°45	28°46	9°10	11°58	4°59	6°33	1°14	21°59	M20
T 21	8 0 8	0♒32'34	8♒ 7	12°18	19°33	3°51	24°39	11°52	28°45	9° 9	11°58	4°55	6°29	1°21	22° 3	T 21
W22	8 4 5	1°33'40	22° 9	13°45	20° 9	4°20	24°33	12° 0	28°44	9° 9	11°58	4°52	6°26	1°28	22° 7	W22
T 23	8 8 1	2°34'45	5♓47	15°12	20°46	4°48	24°26	12° 7	28°43	9° 9	11°58	4°D52	6°23	1°34	22°11	T 23
F 24	8 11 58	3°35'49	19° 1	16°41	21°24	5°17	24°19	12°14	28°43	9° 8	11°58	4°52	6°20	1°41	22°16	F 24
S 25	8 15 54	4°36'52	1♈51	18°10	22° 3	5°45	24°12	12°21	28°42	9° 8	11°58	4°54	6°17	1°48	22°20	S 25
S 26	8 19 51	5°37'55	14°21	19°40	22°44	6°13	24° 5	12°28	28°41	9° 7	11°D58	4°56	6°13	1°55	22°24	S 26
M27	8 23 47	6°38'56	26°34	21°11	23°26	6°40	23°57	12°35	28°41	9° 7	11°58	4°57	6°10	2° 1	22°28	M27
T 28	8 27 44	7°39'56	8♉35	22°42	24° 9	7° 8	23°50	12°42	28°40	9° 6	11°58	4°R57	6° 7	2° 8	22°33	T 28
W29	8 31 40	8°40'55	20°30	24°14	24°52	7°35	23°42	12°50	28°40	9° 5	11°58	4°57	6° 4	2°15	22°37	W29
T 30	8 35 37	9°41'53	2♊21	25°46	25°37	8° 2	23°35	12°57	28°39	9° 5	11°58	4°55	6° 1	2°22	22°41	T 30
F 31	8 39 34	10♒42'50	14♊15	27♑19	26♐23	8♏29	23♌27	13♒ 4	28♉39	9♎ 4	11♉58	4♍52	5♍58	2♊28	22♒46	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 2	11n 7	4s39	20s34	2n19	18s 9	4n20	7s38	1n42	13n33	0n54	18s31	0s42	19n47	0s11	2s19	1n26	0s 1	16s12	9n 8	8n44	14n58	8s46	6n 7
T 2	22 57	13 59	4 58	20 46	2 11	18 1	4 27	7 50	1 42	13 35	0 55	18 29	0 42	19 46	0 11	2 19	1 26	0 1	16 12	9 11	8 45	15 0	8 45	6 7
F 3	22 52	16 18	5 5	20 59	2 3	17 55	4 34	8 1	1 42	13 36	0 55	18 27	0 42	19 46	0 11	2 19	1 26	0 0	16 11	9 14	8 46	15 1	8 44	6 7
S 4	22 46	17 56	4 59	21 12	1 54	17 49	4 39	8 12	1 43	13 38	0 55	18 26	0 42	19 46	0 11	2 19	1 26	0 0	16 11	9 18	8 47	15 2	8 43	6 6
S 5	22 40	18 47	4 39	21 24	1 45	17 45	4 45	8 23	1 43	13 40	0 55	18 24	0 42	19 45	0 11	2 19	1 26	0 0	16 11	9 22	8 49	15 4	8 42	6 6
M 6	22 33	18 46	4 6	21 37	1 37	17 41	4 49	8 34	1 43	13 41	0 56	18 22	0 42	19 45	0 11	2 19	1 26	0n 0	16 10	9 25	8 50	15 5	8 41	6 6
T 7	22 26	17 52	3 21	21 49	1 28	17 37	4 54	8 45	1 43	13 43	0 56	18 20	0 42	19 45	0 11	2 19	1 26	0 0	16 10	9 28	8 51	15 6	8 40	6 6
W 8	22 18	16 6	2 26	22 1	1 19	17 35	4 57	8 56	1 43	13 45	0 56	18 19	0 42	19 44	0 11	2 19	1 26	0 1	16 10	9 31	8 52	15 7	8 39	6 5
T 9	22 10	13 32	1 22	22 12	1 10	17 33	5 1	9 7	1 44	13 47	0 56	18 17	0 42	19 44	0 11	2 19	1 26	0 1	16 9	9 32	8 53	15 9	8 38	6 5
F 10	22 2	10 16	0 14	22 23	1 1	17 32	5 4	9 17	1 44	13 49	0 56	18 15	0 42	19 44	0 11	2 19	1 26	0 1	16 9	9 32	8 55	15 10	8 37	6 5
S 11	21 53	6 27	0n56	22 32	0 52	17 31	5 6	9 28	1 44	13 51	0 57	18 13	0 42	19 43	0 11	2 19	1 26	0 1	16 9	9 32	8 56	15 11	8 36	6 5
S 12	21 44	2 15	2 5	22 42	0 44	17 31	5 8	9 38	1 44	13 53	0 57	18 11	0 42	19 43	0 11	2 19	1 26	0 1	16 8	9 32	8 57	15 12	8 35	6 4
M13	21 34	2s 8	3 8	22 50	0 35	17 31	5 10	9 49	1 44	13 55	0 57	18 9	0 43	19 43	0 11	2 19	1 27	0 2	16 8	9 31	8 58	15 14	8 34	6 4
T 14	21 24	6 29	4 2	22 57	0 27	17 33	5 11	9 59	1 44	13 57	0 57	18 8	0 43	19 43	0 11	2 19	1 27	0 2	16 8	9 31	8 59	15 15	8 33	6 4
W15	21 13	10 33	4 42	23 3	0 18	17 34	5 12	10 9	1 45	13 59	0 58	18 6	0 43	19 42	0 11	2 19	1 27	0 2	16 7	9 32	9 0	15 16	8 32	6 4
T 16	21 2	14 5	5 5	23 9	0 10	17 36	5 12	10 19	1 45	14 1	0 58	18 4	0 43	19 42	0 11	2 18	1 27	0 2	16 7	9 33	9 2	15 17	8 31	6 4
F 17	20 51	16 47	5 9	23 13	0 2	17 38	5 13	10 29	1 45	14 4	0 58	18 2	0 43	19 42	0 11	2 18	1 27	0 3	16 7	9 34	9 3	15 19	8 30	6 3
S 18	20 39	18 26	4 53	23 16	0s 6	17 41	5 13	10 39	1 45	14 6	0 58	18 0	0 43	19 42	0 11	2 18	1 27	0 3	16 6	9 37	9 4	15 20	8 29	6 3
S 19	20 27	18 50	4 17	23 18	0 13	17 44	5 12	10 49	1 45	14 8	0 58	17 58	0 43	19 42	0 11	2 18	1 27	0 3	16 6	9 39	9 5	15 21	8 28	6 3
M20	20 14	17 58	3 25	23 19	0 21	17 47	5 12	10 59	1 45	14 11	0 59	17 56	0 43	19 41	0 11	2 18	1 27	0 3	16 6	9 41	9 6	15 22	8 27	6 3
T 21	20 1	15 58	2 21	23 19	0 28	17 51	5 11	11 8	1 45	14 13	0 59	17 54	0 43	19 41	0 11	2 18	1 27	0 4	16 5	9 42	9 7	15 24	8 25	6 3
W22	19 48	13 2	1 9	23 18	0 35	17 55	5 9	11 18	1 46	14 15	0 59	17 52	0 43	19 41	0 11	2 17	1 27	0 4	16 5	9 43	9 9	15 25	8 24	6 2
T 23	19 34	9 28	0s 5	23 15	0 42	17 59	5 8	11 27	1 46	14 18	0 59	17 50	0 43	19 41	0 11	2 17	1 27	0 4	16 5	9 43	9 10	15 26	8 23	6 2
F 24	19 20	5 31	1 17	23 11	0 49	18 3	5 6	11 37	1 46	14 20	0 59	17 48	0 43	19 41	0 11	2 17	1 27	0 5	16 4	9 43	9 11	15 27	8 22	6 2
S 25	19 6	1 26	2 22	23 6	0 55	18 7	5 4	11 46	1 46	14 23	0 59	17 46	0 43	19 41	0 11	2 17	1 27	0 5	16 4	9 43	9 12	15 29	8 21	6 2
S 26	18 51	2n35	3 20	23 0	1 2	18 12	5 2	11 55	1 46	14 26	1 0	17 45	0 43	19 41	0 11	2 17	1 27	0 5	16 4	9 42	9 13	15 30	8 20	6 2
M27	18 36	6 25	4 6	22 52	1 8	18 16	5 0	12 4	1 46	14 28	1 0	17 43	0 43	19 41	0 11	2 16	1 27	0 6	16 3	9 41	9 14	15 31	8 18	6 2
T 28	18 20	9 55	4 41	22 43	1 13	18 20	4 57	12 13	1 46	14 31	1 0	17 41	0 43	19 40	0 11	2 16	1 27	0 6	16 3	9 41	9 16	15 32	8 17	6 2
W29	18 5	12 58	5 4	22 33	1 19	18 25	4 55	12 21	1 46	14 33	1 0	17 39	0 43	19 40	0 11	2 16	1 27	0 6	16 3	9 41	9 17	15 34	8 16	6 1
T 30	17 49	15 29	5 14	22 21	1 24	18 29	4 52	12 30	1 46	14 36	1 0	17 37	0 43	19 40	0 11	2 15	1 27	0 7	16 2	9 42	9 18	15 35	8 15	6 1
F 31	17s32	17n22	5s10	22s 8	1s29	18s34	4n49	12s38	1n47	14n39	1n 0	17s35	0s44	19n40	0s11	2s15	1n27	0n 7	16s 2	9n43	9n19	15n36	8s13	6n 1

Julian Day Number = 2491721.5, Delta T = 98.01 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°16'38, Lahiri = 25°23'38

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ASTRODIENST EPHEMERIS for the year 2110
geocentric

FEBRUARY 2110 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 30	11♒43'46	26♊15	28♉53	27♐10	8♏56	23°R20	13♒11	28°R39	9°R 3	11♉58	4°R48	5♍54	2♊35	22♒50	S 1
S 2	8 47 27	12°44'40	8♋25	0♒28	27°58	9°22	23♌12	13°18	28♉39	9♎ 3	11°58	4♍44	5°51	2°42	22°54	S 2
M 3	8 51 23	13°45'34	20°46	2° 3	28°46	9°48	23° 4	13°26	28°39	9° 2	11°59	4°41	5°48	2°48	22°59	M 3
T 4	8 55 20	14°46'26	3♌21	3°39	29°36	10°14	22°57	13°33	28°38	9° 1	11°59	4°38	5°45	2°55	23° 3	T 4
W 5	8 59 16	15°47'17	16° 9	5°15	0♉26	10°40	22°49	13°40	28°38	9° 0	11°59	4°36	5°42	3° 2	23° 8	W 5
T 6	9 3 13	16°48'07	29°12	6°53	1°17	11° 6	22°41	13°47	28°D38	9° 0	11°59	4°D35	5°39	3° 9	23°12	T 6
F 7	9 7 9	17°48'56	12♍28	8°31	2° 8	11°31	22°33	13°54	28°38	8°59	11°59	4°35	5°35	3°15	23°16	F 7
S 8	9 11 6	18°49'44	25°56	10° 9	3° 1	11°56	22°25	14° 1	28°38	8°58	12° 0	4°36	5°32	3°22	23°21	S 8
S 9	9 15 3	19°50'31	9♎36	11°49	3°54	12°21	22°17	14° 9	28°39	8°57	12° 0	4°37	5°29	3°29	23°25	S 9
M10	9 18 59	20°51'17	23°26	13°29	4°48	12°45	22° 9	14°16	28°39	8°56	12° 0	4°38	5°26	3°35	23°30	M10
T 11	9 22 56	21°52'02	7♏25	15°10	5°42	13°10	22° 1	14°23	28°39	8°55	12° 1	4°39	5°23	3°42	23°34	T 11
W12	9 26 52	22°52'46	21°32	16°52	6°37	13°34	21°53	14°30	28°39	8°54	12° 1	4°R39	5°19	3°49	23°38	W12
T 13	9 30 49	23°53'29	5♐45	18°35	7°32	13°57	21°45	14°37	28°40	8°53	12° 1	4°39	5°16	3°56	23°43	T 13
F 14	9 34 45	24°54'11	20° 1	20°19	8°28	14°21	21°37	14°44	28°40	8°52	12° 2	4°38	5°13	4° 2	23°47	F 14
S 15	9 38 42	25°54'53	4♑17	22° 3	9°25	14°44	21°29	14°52	28°41	8°51	12° 2	4°37	5°10	4° 9	23°52	S 15
S 16	9 42 38	26°55'32	18°31	23°48	10°22	15° 7	21°21	14°59	28°41	8°50	12° 3	4°36	5° 7	4°16	23°56	S 16
M17	9 46 35	27°56'11	2♒38	25°34	11°20	15°29	21°13	15° 6	28°42	8°48	12° 3	4°36	5° 4	4°23	24° 0	M17
T 18	9 50 32	28°56'49	16°34	27°21	12°18	15°52	21° 6	15°13	28°42	8°47	12° 4	4°35	5° 0	4°29	24° 5	T 18
W19	9 54 28	29°57'24	0♓16	29° 9	13°17	16°13	20°58	15°20	28°43	8°46	12° 4	4°D35	4°57	4°36	24° 9	W19
T 20	9 58 25	0♓57'59	13°40	0♓58	14°16	16°35	20°50	15°27	28°44	8°45	12° 5	4°35	4°54	4°43	24°14	T 20
F 21	10 2 21	1°58'32	26°47	2°47	15°15	16°56	20°42	15°34	28°45	8°44	12° 5	4°35	4°51	4°49	24°18	F 21
S 22	10 6 18	2°59'03	9♈34	4°37	16°15	17°17	20°35	15°41	28°45	8°42	12° 6	4°35	4°48	4°56	24°22	S 22
S 23	10 10 14	3°59'32	22° 4	6°28	17°15	17°38	20°27	15°48	28°46	8°41	12° 6	4°35	4°45	5° 3	24°27	S 23
M24	10 14 11	5° 0'00	4♉20	8°20	18°16	17°58	20°20	15°55	28°47	8°40	12° 7	4°R35	4°41	5°10	24°31	M24
T 25	10 18 7	6° 0'25	16°23	10°12	19°17	18°18	20°12	16° 2	28°48	8°38	12° 8	4°35	4°38	5°16	24°35	T 25
W26	10 22 4	7° 0'49	28°19	12° 5	20°18	18°37	20° 5	16° 9	28°49	8°37	12° 8	4°35	4°35	5°23	24°40	W26
T 27	10 26 1	8° 1'11	10♊11	13°59	21°20	18°56	19°57	16°15	28°50	8°36	12° 9	4°D35	4°32	5°30	24°44	T 27
F 28	10 29 57	9♓ 1'31	22♊ 6	15♓52	22♉22	19♏15	19♌50	16♒22	28♉52	8♎34	12♉10	4♍35	4♍29	5♊37	24♒48	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	17s15	18n30	4s52	21s54	1s34	18s38	4n46	12s47	1n47	14n41	1n 1	17s33	0s44	19n40	0s11	2s15	1n28	0n 8	16s 2	9n45	9n20	15n37	8s12	6n 1	S 1
S 2	16 58	18 48	4 22	21 38	1 38	18 42	4 42	12 55	1 47	14 44	1 1	17 31	0 44	19 40	0 11	2 14	1 28	0 8	16 1	9 46	9 21	15 39	8 11	6 1	S 2
M 3	16 41	18 13	3 38	21 21	1 42	18 46	4 39	13 3	1 47	14 47	1 1	17 29	0 44	19 40	0 11	2 14	1 28	0 8	16 1	9 47	9 23	15 40	8 9	6 1	M 3
T 4	16 23	16 44	2 44	21 3	1 46	18 50	4 35	13 11	1 47	14 49	1 1	17 27	0 44	19 40	0 11	2 14	1 28	0 9	16 0	9 48	9 24	15 41	8 8	6 1	T 4
W 5	16 6	14 24	1 40	20 43	1 50	18 54	4 32	13 19	1 47	14 52	1 1	17 25	0 44	19 40	0 11	2 13	1 28	0 9	16 0	9 49	9 25	15 42	8 7	6 1	W 5
T 6	15 47	11 17	0 30	20 22	1 53	18 57	4 28	13 27	1 47	14 55	1 1	17 23	0 44	19 40	0 11	2 13	1 28	0 9	16 0	9 49	9 26	15 43	8 5	6 1	T 6
F 7	15 29	7 33	0n43	19 59	1 56	19 1	4 24	13 35	1 47	14 57	1 1	17 21	0 44	19 40	0 11	2 13	1 28	0 10	15 59	9 49	9 27	15 45	8 4	6 1	F 7
S 8	15 10	3 23	1 55	19 35	1 58	19 4	4 20	13 42	1 47	15 0	1 2	17 19	0 44	19 40	0 11	2 12	1 28	0 10	15 59	9 49	9 28	15 46	8 3	6 0	S 8
S 9	14 51	1s 1	3 2	19 10	2 0	19 7	4 15	13 50	1 47	15 3	1 2	17 17	0 44	19 40	0 11	2 12	1 28	0 11	15 59	9 49	9 30	15 47	8 1	6 0	S 9
M10	14 32	5 24	3 58	18 43	2 2	19 9	4 11	13 57	1 47	15 5	1 2	17 15	0 44	19 40	0 11	2 11	1 28	0 11	15 58	9 48	9 31	15 48	8 0	6 0	M10
T 11	14 13	9 32	4 42	18 15	2 4	19 11	4 7	14 5	1 47	15 8	1 2	17 13	0 44	19 40	0 11	2 11	1 28	0 12	15 58	9 48	9 32	15 49	7 59	6 0	T 11
W12	13 53	13 10	5 8	17 45	2 5	19 13	4 2	14 12	1 47	15 11	1 2	17 11	0 44	19 41	0 10	2 11	1 28	0 12	15 58	9 48	9 33	15 51	7 57	6 0	W12
T 13	13 33	16 3	5 17	17 14	2 6	19 15	3 58	14 19	1 47	15 13	1 2	17 9	0 44	19 41	0 10	2 10	1 28	0 12	15 57	9 48	9 34	15 52	7 56	6 0	T 13
F 14	13 13	17 58	5 5	16 42	2 6	19 16	3 53	14 26	1 47	15 16	1 2	17 7	0 45	19 41	0 10	2 10	1 28	0 13	15 57	9 48	9 35	15 53	7 55	6 0	F 14
S 15	12 52	18 46	4 35	16 8	2 6	19 17	3 48	14 32	1 47	15 19	1 2	17 5	0 45	19 41	0 10	2 9	1 28	0 13	15 57	9 49	9 37	15 54	7 53	6 0	S 15
S 16	12 32	18 22	3 48	15 33	2 5	19 18	3 44	14 39	1 47	15 21	1 2	17 3	0 45	19 41	0 10	2 9	1 28	0 14	15 56	9 49	9 38	15 55	7 52	6 0	S 16
M17	12 11	16 50	2 48	14 56	2 4	19 18	3 39	14 46	1 47	15 24	1 2	17 1	0 45	19 41	0 10	2 8	1 28	0 14	15 56	9 49	9 39	15 57	7 50	6 0	M17
T 18	11 50	14 18	1 38	14 18	2 2	19 18	3 34	14 52	1 47	15 27	1 2	16 59	0 45	19 41	0 10	2 8	1 28	0 15	15 56	9 49	9 40	15 58	7 49	6 0	T 18
W19	11 29	11 0	0 24	13 38	2 0	19 18	3 29	14 58	1 47	15 29	1 3	16 57	0 45	19 41	0 10	2 7	1 28	0 15	15 55	9 49	9 41	15 59	7 48	6 0	W19
T 20	11 7	7 11	0s50	12 58	1 58	19 17	3 24	15 5	1 47	15 32	1 3	16 55	0 45	19 42	0 10	2 7	1 28	0 16	15 55	9 49	9 42	16 0	7 46	6 0	T 20
F 21	10 46	3 7	2 0	12 16	1 55	19 15	3 19	15 11	1 47	15 34	1 3	16 53	0 45	19 42	0 10	2 6	1 28	0 16	15 55	9 49	9 44	16 1	7 45	6 0	F 21
S 22	10 24	1n 0	3 2	11 32	1 51	19 13	3 14	15 17	1 47	15 37	1 3	16 51	0 45	19 42	0 10	2 6	1 28	0 17	15 54	9 49	9 45	16 3	7 43	6 0	S 22
S 23	10 2	4 58	3 54	10 47	1 47	19 11	3 9	15 22	1 46	15 39	1 3	16 49	0 45	19 42	0 10	2 5	1 28	0 17	15 54	9 49	9 46	16 4	7 42	6 0	S 23
M24	9 40	8 39	4 34	10 1	1 43	19 9	3 4	15 28	1 46	15 42	1 3	16 47	0 45	19 42	0 10	2 5	1 29	0 17	15 54	9 49	9 47	16 5	7 40	6 0	M24
T 25	9 18	11 54	5 1	9 14	1 37	19 5	2 59	15 34	1 46	15 44	1 3	16 45	0 46	19 43	0 10	2 4	1 29	0 18	15 53	9 49	9 48	16 6	7 39	6 0	T 25
W26	8 56	14 39	5 15	8 26	1 32	19 2	2 53	15 39	1 46	15 46	1 3	16 43	0 46	19 43	0 10	2 3	1 29	0 18	15 53	9 49	9 49	16 7	7 38	6 0	W26
T 27	8 33	16 45	5 16	7 37	1 25	18 58	2 48	15 45	1 46	15 49	1 3	16 41	0 46	19 43	0 10	2 3	1 29	0 19	15 53	9 49	9 51	16 8	7 36	6 0	T 27
F 28	8s11	18n 9	5s 3	6s46	1s18	18s53	2n43	15s50	1n46	15n51	1n 3	16s39	0s46	19n43	0s10	2s 2	1n29	0n19	15s52	9n49	9n52	16n10	7s35	6n 0	F 28

Julian Day Number = 2491752.5, Delta T = 98.05 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°16'42, Lahiri = 25°23'43

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ASTRODIENST EPHEMERIS for the year 2110
geocentric

MARCH 2110 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 33 54	10♓ 1'50	4♋ 6	17♓46	23♉24	19♏33	19°R43	16♒29	28♉53	8°R33	12♉10	4♍36	4♍25	5♊43	24♒53	S 1
S 2	10 37 50	11° 2'06	16°17	19°40	24°27	19°51	19♌36	16°36	28°54	8♎32	12°11	4°36	4°22	5°50	24°57	S 2
M 3	10 41 47	12° 2'20	28°42	21°34	25°29	20° 8	19°29	16°43	28°55	8°30	12°12	4°37	4°19	5°57	25° 1	M 3
T 4	10 45 43	13° 2'32	11♌25	23°27	26°33	20°25	19°23	16°49	28°57	8°29	12°13	4°38	4°16	6° 3	25° 5	T 4
W 5	10 49 40	14° 2'42	24°27	25°20	27°36	20°42	19°16	16°56	28°58	8°27	12°13	4°38	4°13	6°10	25°10	W 5
T 6	10 53 36	15° 2'51	7♍49	27°11	28°40	20°58	19° 9	17° 3	28°59	8°26	12°14	4°R38	4°10	6°17	25°14	T 6
F 7	10 57 33	16° 2'57	21°29	29° 1	29°44	21°14	19° 3	17° 9	29° 1	8°24	12°15	4°38	4° 6	6°24	25°18	F 7
S 8	11 1 29	17° 3'02	5♎25	0♈49	0♒48	21°29	18°57	17°16	29° 2	8°23	12°16	4°37	4° 3	6°30	25°22	S 8
S 9	11 5 26	18° 3'05	19°34	2°35	1°53	21°44	18°50	17°22	29° 4	8°21	12°17	4°35	4° 0	6°37	25°26	S 9
M10	11 9 23	19° 3'06	3♏52	4°18	2°57	21°58	18°44	17°29	29° 6	8°20	12°18	4°34	3°57	6°44	25°31	M10
T 11	11 13 19	20° 3'05	18°13	5°57	4° 2	22°12	18°38	17°35	29° 7	8°18	12°18	4°32	3°54	6°50	25°35	T 11
W12	11 17 16	21° 3'03	2♐33	7°33	5° 7	22°25	18°33	17°42	29° 9	8°17	12°19	4°30	3°50	6°57	25°39	W12
T 13	11 21 12	22° 3'00	16°49	9° 5	6°13	22°38	18°27	17°48	29°11	8°15	12°20	4°D30	3°47	7° 4	25°43	T 13
F 14	11 25 9	23° 2'55	0♑57	10°32	7°19	22°50	18°22	17°55	29°13	8°14	12°21	4°30	3°44	7°11	25°47	F 14
S 15	11 29 5	24° 2'48	14°58	11°53	8°24	23° 2	18°16	18° 1	29°14	8°12	12°22	4°31	3°41	7°17	25°51	S 15
S 16	11 33 2	25° 2'40	28°48	13° 9	9°30	23°13	18°11	18° 7	29°16	8°10	12°23	4°32	3°38	7°24	25°55	S 16
M17	11 36 58	26° 2'30	12♒27	14°18	10°37	23°23	18° 6	18°13	29°18	8° 9	12°24	4°33	3°35	7°31	25°59	M17
T 18	11 40 55	27° 2'18	25°54	15°20	11°43	23°33	18° 1	18°19	29°20	8° 7	12°25	4°34	3°31	7°38	26° 3	T 18
W19	11 44 52	28° 2'04	9♓10	16°15	12°50	23°43	17°57	18°26	29°22	8° 6	12°26	4°R34	3°28	7°44	26° 7	W19
T 20	11 48 48	29° 1'48	22°13	17° 3	13°56	23°51	17°52	18°32	29°24	8° 4	12°27	4°33	3°25	7°51	26°10	T 20
F 21	11 52 45	0♈ 1'31	5♈ 2	17°43	15° 3	24° 0	17°48	18°38	29°27	8° 2	12°28	4°31	3°22	7°58	26°14	F 21
S 22	11 56 41	1° 1'11	17°39	18°15	16°10	24° 7	17°43	18°44	29°29	8° 1	12°29	4°27	3°19	8° 4	26°18	S 22
S 23	12 0 38	2° 0'49	0♉ 3	18°39	17°17	24°14	17°39	18°50	29°31	7°59	12°30	4°23	3°16	8°11	26°22	S 23
M24	12 4 34	3° 0'26	12°14	18°55	18°25	24°20	17°36	18°55	29°33	7°57	12°31	4°18	3°12	8°18	26°26	M24
T 25	12 8 31	4° 0'00	24°17	19°R 3	19°32	24°26	17°32	19° 1	29°35	7°56	12°32	4°13	3° 9	8°25	26°29	T 25
W26	12 12 27	4°59'31	6♊12	19° 3	20°40	24°31	17°28	19° 7	29°38	7°54	12°34	4° 9	3° 6	8°31	26°33	W26
T 27	12 16 24	5°59'01	18° 4	18°55	21°47	24°35	17°25	19°13	29°40	7°52	12°35	4° 6	3° 3	8°38	26°37	T 27
F 28	12 20 21	6°58'28	29°57	18°40	22°55	24°39	17°22	19°18	29°42	7°51	12°36	4° 4	3° 0	8°45	26°40	F 28
S 29	12 24 17	7°57'53	11♋56	18°18	24° 3	24°42	17°19	19°24	29°45	7°49	12°37	4°D 4	2°56	8°51	26°44	S 29
S 30	12 28 14	8°57'16	24° 5	17°50	25°11	24°44	17°16	19°29	29°47	7°47	12°38	4° 5	2°53	8°58	26°47	S 30
M31	12 32 10	9♈56'36	6♌29	17♈16	26♒20	24♏46	17♌14	19♒35	29♉50	7♎46	12♉39	4♍ 6	2♍50	9♊ 5	26♒51	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s48	18n45	4s36	5s55	1s11	18s48	2n38	15s55	1n45	15n53	1n 3	16s37	0s46	19n44	0s10	2s 2	1n29	0n20	15s52	9n49	9n53	16n11	7s33	6n 0
S 2	7 25	18 30	3 57	5 3	1 2	18 43	2 32	16 0	1 45	15 56	1 3	16 35	0 46	19 44	0 10	2 1	1 29	0 20	15 52	9 49	9 54	16 12	7 32	6 0
M 3	7 2	17 22	3 6	4 10	0 53	18 37	2 27	16 5	1 45	15 58	1 3	16 33	0 46	19 44	0 10	2 1	1 29	0 21	15 52	9 49	9 55	16 13	7 30	6 0
T 4	6 39	15 20	2 5	3 16	0 44	18 31	2 22	16 9	1 45	16 0	1 3	16 31	0 46	19 45	0 10	2 0	1 29	0 21	15 51	9 48	9 56	16 14	7 29	6 1
W 5	6 16	12 29	0 56	2 22	0 34	18 24	2 17	16 14	1 45	16 2	1 3	16 29	0 46	19 45	0 10	1 59	1 29	0 22	15 51	9 48	9 58	16 15	7 27	6 1
T 6	5 53	8 54	0n18	1 28	0 23	18 16	2 11	16 19	1 44	16 4	1 3	16 27	0 46	19 45	0 10	1 59	1 29	0 22	15 51	9 48	9 59	16 16	7 26	6 1
F 7	5 30	4 47	1 32	0 35	0 12	18 8	2 6	16 23	1 44	16 6	1 3	16 25	0 47	19 46	0 10	1 58	1 29	0 23	15 50	9 48	10 0	16 18	7 24	6 1
S 8	5 7	0 20	2 42	0n19	0 0	18 0	2 1	16 27	1 44	16 8	1 3	16 23	0 47	19 46	0 10	1 58	1 29	0 23	15 50	9 49	10 1	16 19	7 23	6 1
S 9	4 43	4s12	3 44	1 12	0n12	17 51	1 56	16 31	1 43	16 10	1 3	16 22	0 47	19 46	0 10	1 57	1 29	0 24	15 50	9 49	10 2	16 20	7 22	6 1
M10	4 20	8 32	4 32	2 5	0 24	17 42	1 50	16 35	1 43	16 12	1 3	16 20	0 47	19 47	0 10	1 56	1 29	0 25	15 49	9 50	10 3	16 21	7 20	6 1
T 11	3 56	12 23	5 3	2 56	0 37	17 32	1 45	16 39	1 43	16 14	1 3	16 18	0 47	19 47	0 10	1 56	1 29	0 25	15 49	9 51	10 4	16 22	7 19	6 1
W12	3 33	15 30	5 16	3 46	0 50	17 21	1 40	16 43	1 42	16 15	1 3	16 16	0 47	19 48	0 10	1 55	1 29	0 26	15 49	9 51	10 6	16 23	7 17	6 1
T 13	3 9	17 39	5 8	4 34	1 4	17 11	1 35	16 46	1 42	16 17	1 3	16 14	0 47	19 48	0 10	1 54	1 29	0 26	15 49	9 51	10 7	16 24	7 16	6 1
F 14	2 45	18 42	4 43	5 21	1 17	16 59	1 30	16 50	1 41	16 19	1 3	16 12	0 47	19 48	0 10	1 54	1 29	0 27	15 48	9 51	10 8	16 26	7 14	6 2
S 15	2 22	18 36	4 0	6 5	1 30	16 47	1 24	16 53	1 41	16 20	1 3	16 10	0 47	19 49	0 10	1 53	1 29	0 27	15 48	9 51	10 9	16 27	7 13	6 2
S 16	1 58	17 22	3 5	6 46	1 43	16 35	1 19	16 57	1 40	16 22	1 3	16 9	0 47	19 49	0 10	1 52	1 29	0 28	15 48	9 51	10 10	16 28	7 11	6 2
M17	1 34	15 9	1 59	7 25	1 56	16 22	1 14	17 0	1 40	16 23	1 3	16 7	0 48	19 50	0 10	1 52	1 29	0 28	15 48	9 50	10 11	16 29	7 10	6 2
T 18	1 11	12 8	0 48	8 1	2 9	16 9	1 9	17 3	1 39	16 25	1 3	16 5	0 48	19 50	0 10	1 51	1 29	0 29	15 47	9 50	10 12	16 30	7 9	6 2
W19	0 47	8 31	0s25	8 33	2 21	15 55	1 4	17 6	1 39	16 26	1 3	16 3	0 48	19 50	0 10	1 51	1 29	0 29	15 47	9 50	10 14	16 31	7 7	6 2
T 20	0 23	4 33	1 35	9 2	2 32	15 41	0 59	17 8	1 38	16 28	1 3	16 1	0 48	19 51	0 10	1 50	1 29	0 30	15 47	9 50	10 15	16 32	7 6	6 2
F 21	0n 1	0 26	2 40	9 27	2 43	15 27	0 54	17 11	1 37	16 29	1 3	16 0	0 48	19 51	0 10	1 49	1 29	0 30	15 47	9 51	10 16	16 33	7 4	6 3
S 22	0 24	3n37	3 35	9 49	2 53	15 11	0 50	17 13	1 37	16 30	1 3	15 58	0 48	19 52	0 10	1 49	1 29	0 31	15 46	9 52	10 17	16 35	7 3	6 3
S 23	0 48	7 27	4 18	10 6	3 1	14 56	0 45	17 16	1 36	16 31	1 2	15 56	0 48	19 52	0 10	1 48	1 29	0 31	15 46	9 54	10 18	16 36	7 1	6 3
M24	1 12	10 54	4 50	10 19	3 9	14 40	0 40	17 18	1 35	16 32	1 2	15 54	0 48	19 53	0 10	1 47	1 29	0 32	15 46	9 56	10 19	16 37	7 0	6 3
T 25	1 35	13 51	5 8	10 28	3 15	14 24	0 35	17 20	1 35	16 33	1 2	15 53	0 49	19 53	0 10	1 47	1 29	0 32	15 46	9 57	10 21	16 38	6 59	6 3
W26	1 59	16 12	5 12	10 32	3 20	14 7	0 30	17 22	1 34	16 34	1 2	15 51	0 49	19 54	0 10	1 46	1 29	0 33	15 45	9 59	10 22	16 39	6 57	6 3
T 27	2 22	17 51	5 3	10 32	3 23	13 50	0 26	17 24	1 33	16 35	1 2	15 49	0 49	19 54	0 10	1 45	1 29	0 33	15 45	10 0	10 23	16 40	6 56	6 4
F 28	2 46	18 44	4 41	10 28	3 25	13 32	0 21	17 26	1 32	16 36	1 2	15 48	0 49	19 55	0 10	1 45	1 29	0 34	15 45	10 1	10 24	16 41	6 54	6 4
S 29	3 9	18 47	4 7	10 20	3 25	13 14	0 17	17 27	1 31	16 37	1 2	15 46	0 49	19 55	0 10	1 44	1 29	0 34	15 45	10 1	10 25	16 42	6 53	6 4
S 30	3 33	17 59	3 21	10 7	3 23	12 55	0 12	17 29	1 30	16 38	1 2	15 45	0 49	19 56	0 10	1 43	1 29	0 35	15 45	10 0	10 26	16 43	6 52	6 4
M31	3n56	16n18	2s25	9n51	3n20	12s37	0n 8	17s30	1n29	16n39	1n 2	15s43	0s49	19n57	0s10	1s43	1n29	0n35	15s44	10n 0	10n27	16n44	6s50	6n 4

Julian Day Number = 2491780.5, Delta T = 98.09 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°16'46, Lahiri = 25°23'47

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ASTRODIENST EPHEMERIS for the year 2110
geocentric

APRIL 2110 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 7	10♈55'55	19♌13	16°R37	27♒28	24♏46	17°R11	19♒40	29♉52	7°R44	12♉40	4♍ 8	2♍47	9♊12	26♒54	T 1
W 2	12 40 3	11°55'10	2♍19	15♈54	28°36	24°R46	17♌ 9	19°45	29°55	7♎42	12°42	4°R 9	2°44	9°18	26°58	W 2
T 3	12 44 0	12°54'24	15°51	15° 8	29°45	24°46	17° 7	19°51	29°58	7°41	12°43	4° 8	2°41	9°25	27° 1	T 3
F 4	12 47 56	13°53'35	29°48	14°20	0♓54	24°44	17° 5	19°56	0♊ 0	7°39	12°44	4° 6	2°37	9°32	27° 4	F 4
S 5	12 51 53	14°52'44	14♎ 7	13°30	2° 2	24°42	17° 4	20° 1	0° 3	7°37	12°45	4° 2	2°34	9°39	27° 8	S 5
S 6	12 55 49	15°51'52	28°43	12°41	3°11	24°39	17° 2	20° 6	0° 6	7°36	12°46	3°56	2°31	9°45	27°11	S 6
M 7	12 59 46	16°50'57	13♏29	11°53	4°20	24°36	17° 1	20°11	0° 8	7°34	12°48	3°49	2°28	9°52	27°14	M 7
T 8	13 3 43	17°50'00	28°17	11° 6	5°29	24°31	17° 0	20°16	0°11	7°33	12°49	3°43	2°25	9°59	27°17	T 8
W 9	13 7 39	18°49'02	13♐ 0	10°22	6°38	24°26	16°59	20°21	0°14	7°31	12°50	3°37	2°21	10° 5	27°20	W 9
T 10	13 11 36	19°48'02	27°31	9°41	7°48	24°20	16°58	20°26	0°17	7°29	12°51	3°33	2°18	10°12	27°24	T 10
F 11	13 15 32	20°47'00	11♑46	9° 4	8°57	24°14	16°58	20°30	0°20	7°28	12°53	3°31	2°15	10°19	27°27	F 11
S 12	13 19 29	21°45'57	25°43	8°31	10° 7	24° 6	16°58	20°35	0°22	7°26	12°54	3°D31	2°12	10°26	27°30	S 12
S 13	13 23 25	22°44'51	9♒22	8° 3	11°16	23°58	16°D57	20°40	0°25	7°25	12°55	3°32	2° 9	10°32	27°33	S 13
M14	13 27 22	23°43'44	22°44	7°40	12°26	23°49	16°57	20°44	0°28	7°23	12°57	3°33	2° 6	10°39	27°35	M14
T 15	13 31 18	24°42'35	5♓51	7°22	13°35	23°39	16°58	20°49	0°31	7°21	12°58	3°R33	2° 2	10°46	27°38	T 15
W16	13 35 15	25°41'25	18°44	7°10	14°45	23°29	16°58	20°53	0°34	7°20	12°59	3°32	1°59	10°52	27°41	W16
T 17	13 39 12	26°40'12	1♈26	7° 2	15°55	23°17	16°59	20°57	0°37	7°18	13° 1	3°29	1°56	10°59	27°44	T 17
F 18	13 43 8	27°38'58	13°57	7°D 0	17° 5	23° 5	17° 0	21° 1	0°40	7°17	13° 2	3°23	1°53	11° 6	27°46	F 18
S 19	13 47 5	28°37'42	26°19	7° 3	18°15	22°52	17° 1	21° 6	0°43	7°15	13° 3	3°14	1°50	11°13	27°49	S 19
S 20	13 51 1	29°36'24	8♉31	7°12	19°25	22°39	17° 2	21°10	0°47	7°14	13° 4	3° 4	1°47	11°19	27°52	S 20
M21	13 54 58	0♉35'04	20°36	7°25	20°35	22°25	17° 3	21°14	0°50	7°12	13° 6	2°53	1°43	11°26	27°54	M21
T 22	13 58 54	1°33'42	2♊35	7°43	21°45	22°10	17° 5	21°17	0°53	7°11	13° 7	2°42	1°40	11°33	27°57	T 22
W23	14 2 51	2°32'18	14°28	8° 6	22°55	21°54	17° 6	21°21	0°56	7° 9	13° 8	2°32	1°37	11°40	27°59	W23
T 24	14 6 47	3°30'52	26°19	8°33	24° 6	21°38	17° 8	21°25	0°59	7° 8	13°10	2°24	1°34	11°46	28° 2	T 24
F 25	14 10 44	4°29'23	8♋10	9° 4	25°16	21°21	17°10	21°29	1° 2	7° 6	13°11	2°18	1°31	11°53	28° 4	F 25
S 26	14 14 41	5°27'53	20° 7	9°39	26°26	21° 4	17°13	21°32	1° 6	7° 5	13°13	2°15	1°27	12° 0	28° 6	S 26
S 27	14 18 37	6°26'21	2♌13	10°18	27°37	20°46	17°15	21°36	1° 9	7° 4	13°14	2°D14	1°24	12° 6	28° 8	S 27
M28	14 22 34	7°24'46	14°34	11° 1	28°47	20°28	17°18	21°39	1°12	7° 2	13°15	2°14	1°21	12°13	28°11	M28
T 29	14 26 30	8°23'09	27°14	11°48	29°58	20° 9	17°21	21°42	1°15	7° 1	13°17	2°R14	1°18	12°20	28°13	T 29
W30	14 30 27	9♉21'30	10♍18	12♈38	1♈ 8	19♏49	17♌24	21♒46	1♊19	6♎59	13♉18	2♍14	1♍15	12♊27	28♒15	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n19	13n47	1s20	9n31	3n15	12s17	0n 4	17s31	1n28	16n39	1n 2	15s41	0s49	19n57	0s10	1s42	1n29	0n36	15s44	9n59	10n29	16n45	6s49	6n 5
W 2	4 43	10 29	0 10	9 8	3 8	11 58	0s 1	17 32	1 27	16 40	1 2	15 40	0 50	19 58	0 10	1 41	1 29	0 36	15 44	9 59	10 30	16 47	6 48	6 5
T 3	5 6	6 33	1n 3	8 43	2 59	11 38	0 5	17 33	1 26	16 40	1 2	15 38	0 50	19 58	0 10	1 41	1 29	0 37	15 44	9 59	10 31	16 48	6 46	6 5
F 4	5 29	2 8	2 15	8 15	2 49	11 17	0 9	17 34	1 25	16 41	1 2	15 37	0 50	19 59	0 10	1 40	1 29	0 37	15 44	10 0	10 32	16 49	6 45	6 5
S 5	5 52	2s30	3 20	7 45	2 38	10 57	0 13	17 35	1 24	16 41	1 1	15 35	0 50	19 59	0 10	1 39	1 29	0 38	15 44	10 2	10 33	16 50	6 44	6 6
S 6	6 14	7 4	4 13	7 14	2 25	10 36	0 17	17 35	1 23	16 42	1 1	15 34	0 50	20 0	0 10	1 39	1 29	0 39	15 43	10 4	10 34	16 51	6 42	6 6
M 7	6 37	11 16	4 50	6 42	2 11	10 14	0 21	17 35	1 21	16 42	1 1	15 32	0 50	20 1	0 10	1 38	1 29	0 39	15 43	10 6	10 35	16 52	6 41	6 6
T 8	7 0	14 46	5 7	6 11	1 57	9 53	0 25	17 36	1 20	16 42	1 1	15 31	0 50	20 1	0 10	1 37	1 29	0 40	15 43	10 8	10 37	16 53	6 40	6 6
W 9	7 22	17 18	5 4	5 39	1 41	9 31	0 29	17 36	1 19	16 42	1 1	15 30	0 51	20 2	0 10	1 37	1 29	0 40	15 43	10 10	10 38	16 54	6 38	6 7
T 10	7 44	18 42	4 42	5 8	1 25	9 8	0 32	17 36	1 17	16 42	1 1	15 28	0 51	20 2	0 10	1 36	1 29	0 41	15 43	10 12	10 39	16 55	6 37	6 7
F 11	8 7	18 52	4 3	4 39	1 9	8 46	0 36	17 35	1 16	16 43	1 1	15 27	0 51	20 3	0 10	1 36	1 29	0 41	15 43	10 13	10 40	16 56	6 36	6 7
S 12	8 29	17 53	3 10	4 11	0 53	8 23	0 40	17 35	1 14	16 43	1 1	15 25	0 51	20 4	0 10	1 35	1 29	0 41	15 42	10 13	10 41	16 57	6 35	6 7
S 13	8 51	15 52	2 7	3 45	0 36	8 0	0 43	17 35	1 13	16 42	1 1	15 24	0 51	20 4	0 9	1 34	1 29	0 42	15 42	10 12	10 42	16 58	6 33	6 8
M14	9 12	13 1	0 58	3 21	0 20	7 36	0 46	17 34	1 11	16 42	1 1	15 23	0 51	20 5	0 9	1 34	1 29	0 42	15 42	10 12	10 43	16 59	6 32	6 8
T 15	9 34	9 33	0s12	2 59	0 4	7 13	0 50	17 33	1 10	16 42	1 1	15 22	0 51	20 5	0 9	1 33	1 29	0 43	15 42	10 12	10 44	17 0	6 31	6 8
W16	9 55	5 42	1 21	2 40	0s12	6 49	0 53	17 32	1 8	16 42	1 0	15 20	0 52	20 6	0 9	1 32	1 29	0 43	15 42	10 12	10 46	17 1	6 30	6 8
T 17	10 17	1 38	2 24	2 23	0 27	6 25	0 56	17 31	1 6	16 42	1 0	15 19	0 52	20 7	0 9	1 32	1 29	0 44	15 42	10 14	10 47	17 3	6 29	6 9
F 18	10 38	2n26	3 19	2 9	0 41	6 0	0 59	17 30	1 4	16 41	1 0	15 18	0 52	20 7	0 9	1 31	1 29	0 44	15 42	10 16	10 48	17 4	6 27	6 9
S 19	10 59	6 21	4 4	1 57	0 55	5 36	1 2	17 28	1 2	16 41	1 0	15 17	0 52	20 8	0 9	1 31	1 29	0 45	15 42	10 19	10 49	17 5	6 26	6 9
S 20	11 20	9 57	4 37	1 49	1 8	5 11	1 5	17 27	1 0	16 41	1 0	15 16	0 52	20 9	0 9	1 30	1 29	0 45	15 42	10 22	10 50	17 6	6 25	6 10
M21	11 40	13 7	4 57	1 42	1 21	4 46	1 8	17 25	0 58	16 40	1 0	15 14	0 52	20 9	0 9	1 29	1 29	0 46	15 41	10 26	10 51	17 7	6 24	6 10
T 22	12 1	15 41	5 4	1 39	1 32	4 21	1 11	17 23	0 56	16 39	1 0	15 13	0 52	20 10	0 9	1 29	1 29	0 46	15 41	10 30	10 52	17 8	6 23	6 10
W23	12 21	17 36	4 57	1 37	1 43	3 56	1 13	17 21	0 54	16 39	1 0	15 12	0 53	20 11	0 9	1 28	1 29	0 47	15 41	10 34	10 54	17 9	6 22	6 11
T 24	12 41	18 44	4 38	1 39	1 54	3 30	1 16	17 19	0 52	16 38	1 0	15 11	0 53	20 11	0 9	1 28	1 29	0 47	15 41	10 37	10 55	17 10	6 21	6 11
F 25	13 1	19 4	4 7	1 42	2 3	3 5	1 18	17 17	0 50	16 37	1 0	15 10	0 53	20 12	0 9	1 27	1 29	0 48	15 41	10 39	10 56	17 11	6 19	6 11
S 26	13 20	18 32	3 25	1 48	2 12	2 39	1 21	17 15	0 48	16 37	0 59	15 9	0 53	20 13	0 9	1 27	1 29	0 48	15 41	10 40	10 57	17 12	6 18	6 11
S 27	13 39	17 10	2 33	1 56	2 20	2 13	1 23	17 12	0 46	16 36	0 59	15 8	0 53	20 13	0 9	1 26	1 29	0 48	15 41	10 40	10 58	17 13	6 17	6 12
M28	13 59	14 58	1 33	2 6	2 27	1 47	1 25	17 9	0 43	16 35	0 59	15 7	0 53	20 14	0 9	1 26	1 29	0 49	15 41	10 40	10 59	17 14	6 16	6 12
T 29	14 17	12 0	0 27	2 18	2 34	1 21	1 27	17 7	0 41	16 34	0 59	15 6	0 54	20 15	0 9	1 25	1 29	0 49	15 41	10 40	11 0	17 15	6 15	6 12
W30	14n36	8n22	0n43	2n32	2s40	0s55	1s29	17s 4	0n39	16n33	0n59	15s 5	0s54	20n15	0s 9	1s25	1n29	0n50	15s41	10n40	11n 1	17n16	6s14	6n13

Julian Day Number = 2491811.5, Delta T = 98.14 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°16'50, Lahiri = 25°23'51

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ASTRODIENST EPHEMERIS for the year 2110
geocentric

MAY 2110 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 34 23	10♉19'49	23♍50	13♈31	2♈19	19°R29	17♌27	21♒49	1♊22	6°R58	13♉19	2°R12	1♍12	12♊33	28♒17	T 1
F 2	14 38 20	11°18'06	7♎50	14°27	3°29	19♏ 9	17°30	21°52	1°25	6♎57	13°21	2♍ 8	1° 8	12°40	28°19	F 2
S 3	14 42 16	12°16'21	22°19	15°27	4°40	18°49	17°34	21°55	1°29	6°56	13°22	2° 1	1° 5	12°47	28°21	S 3
S 4	14 46 13	13°14'34	7♏10	16°29	5°51	18°28	17°37	21°58	1°32	6°54	13°23	1°52	1° 2	12°53	28°23	S 4
M 5	14 50 10	14°12'46	22°16	17°34	7° 2	18° 6	17°41	22° 0	1°35	6°53	13°25	1°42	0°59	13° 0	28°24	M 5
T 6	14 54 6	15°10'55	7♐27	18°42	8°13	17°45	17°45	22° 3	1°39	6°52	13°26	1°32	0°56	13° 7	28°26	T 6
W 7	14 58 3	16° 9'04	22°33	19°52	9°24	17°23	17°49	22° 6	1°42	6°51	13°28	1°23	0°53	13°14	28°28	W 7
T 8	15 1 59	17° 7'10	7♑23	21° 5	10°34	17° 2	17°54	22° 8	1°46	6°49	13°29	1°16	0°49	13°20	28°29	T 8
F 9	15 5 56	18° 5'16	21°52	22°20	11°45	16°40	17°58	22°11	1°49	6°48	13°30	1°11	0°46	13°27	28°31	F 9
S 10	15 9 52	19° 3'20	5♒56	23°38	12°57	16°18	18° 3	22°13	1°52	6°47	13°32	1° 9	0°43	13°34	28°32	S 10
S 11	15 13 49	20° 1'22	19°36	24°58	14° 8	15°56	18° 8	22°15	1°56	6°46	13°33	1°D 9	0°40	13°40	28°34	S 11
M12	15 17 45	20°59'23	2♓53	26°20	15°19	15°33	18°13	22°17	1°59	6°45	13°34	1°R 9	0°37	13°47	28°35	M12
T 13	15 21 42	21°57'23	15°50	27°45	16°30	15°11	18°18	22°19	2° 3	6°44	13°36	1° 8	0°33	13°54	28°36	T 13
W14	15 25 39	22°55'22	28°30	29°11	17°41	14°50	18°23	22°21	2° 6	6°43	13°37	1° 6	0°30	14° 1	28°38	W14
T 15	15 29 35	23°53'19	10♈58	0♉40	18°52	14°28	18°29	22°23	2°10	6°42	13°38	1° 1	0°27	14° 7	28°39	T 15
F 16	15 33 32	24°51'15	23°15	2°11	20° 4	14° 6	18°34	22°25	2°13	6°41	13°40	0°53	0°24	14°14	28°40	F 16
S 17	15 37 28	25°49'09	5♉23	3°45	21°15	13°45	18°40	22°26	2°17	6°40	13°41	0°42	0°21	14°21	28°41	S 17
S 18	15 41 25	26°47'02	17°26	5°20	22°26	13°24	18°46	22°28	2°20	6°39	13°42	0°29	0°18	14°28	28°42	S 18
M19	15 45 21	27°44'54	29°24	6°57	23°38	13° 4	18°52	22°29	2°24	6°38	13°44	0°15	0°14	14°34	28°43	M19
T 20	15 49 18	28°42'44	11♊17	8°37	24°49	12°43	18°58	22°31	2°27	6°37	13°45	0° 1	0°11	14°41	28°44	T 20
W21	15 53 14	29°40'33	23° 9	10°19	26° 0	12°23	19° 4	22°32	2°31	6°36	13°46	29♌48	0° 8	14°48	28°45	W21
T 22	15 57 11	0♊38'20	4♋59	12° 3	27°12	12° 4	19°11	22°33	2°34	6°35	13°48	29°37	0° 5	14°54	28°46	T 22
F 23	16 1 8	1°36'06	16°52	13°49	28°23	11°45	19°17	22°34	2°38	6°35	13°49	29°29	0° 2	15° 1	28°46	F 23
S 24	16 5 4	2°33'51	28°49	15°37	29°35	11°27	19°24	22°35	2°41	6°34	13°50	29°24	29♌58	15° 8	28°47	S 24
S 25	16 9 1	3°31'33	10♌55	17°27	0♉46	11° 9	19°31	22°36	2°45	6°33	13°52	29°21	29°55	15°15	28°47	S 25
M26	16 12 57	4°29'14	23°14	19°19	1°58	10°52	19°38	22°37	2°48	6°32	13°53	29°20	29°52	15°21	28°48	M26
T 27	16 16 54	5°26'54	5♍51	21°14	3°10	10°35	19°45	22°38	2°52	6°32	13°54	29°20	29°49	15°28	28°48	T 27
W28	16 20 50	6°24'32	18°51	23°10	4°21	10°19	19°53	22°38	2°55	6°31	13°55	29°20	29°46	15°35	28°49	W28
T 29	16 24 47	7°22'09	2♎17	25° 9	5°33	10° 4	20° 0	22°39	2°59	6°30	13°57	29°18	29°43	15°41	28°49	T 29
F 30	16 28 43	8°19'44	16°12	27° 9	6°45	9°50	20° 7	22°39	3° 2	6°30	13°58	29°14	29°39	15°48	28°49	F 30
S 31	16 32 40	9♊17'17	0♏37	29♉12	7♉56	9♏36	20♌15	22♒39	3♊ 6	6♎29	13♉59	29♌ 8	29♌36	15♊55	28♒50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
T 1	14n54	4n10	1n52	2n48	2s45	0s28	1s31	17s 1	0n36	16n32	0n59	15s 5	0s54	20n16	0s 9	1s24	1n29	0n50	15s41	10n41	11n 3	17n17	6s13	6n13
F 2	15 13	0s24	2 57	3 6	2 49	0 2	1 33	16 58	0 34	16 31	0 59	15 4	0 54	20 17	0 9	1 24	1 29	0 51	15 41	10 42	11 4	17 18	6 12	6 13
S 3	15 31	5 5	3 53	3 25	2 53	0n24	1 35	16 54	0 31	16 30	0 59	15 3	0 54	20 17	0 9	1 23	1 29	0 51	15 41	10 45	11 5	17 19	6 11	6 14
S 4	15 48	9 34	4 34	3 46	2 56	0 51	1 36	16 51	0 29	16 28	0 59	15 2	0 54	20 18	0 9	1 23	1 29	0 51	15 41	10 48	11 6	17 20	6 10	6 14
M 5	16 6	13 32	4 58	4 8	2 58	1 17	1 38	16 48	0 26	16 27	0 59	15 1	0 54	20 19	0 9	1 22	1 29	0 52	15 41	10 52	11 7	17 21	6 9	6 14
T 6	16 23	16 36	5 0	4 32	3 0	1 44	1 39	16 44	0 23	16 26	0 58	15 1	0 55	20 20	0 9	1 22	1 29	0 52	15 41	10 55	11 8	17 22	6 9	6 15
W 7	16 40	18 32	4 42	4 58	3 1	2 10	1 41	16 41	0 21	16 24	0 58	15 0	0 55	20 20	0 9	1 21	1 29	0 53	15 41	10 59	11 9	17 23	6 8	6 15
T 8	16 56	19 9	4 4	5 25	3 2	2 37	1 42	16 37	0 18	16 23	0 58	14 59	0 55	20 21	0 9	1 21	1 29	0 53	15 41	11 1	11 10	17 24	6 7	6 15
F 9	17 12	18 29	3 12	5 53	3 1	3 4	1 43	16 33	0 15	16 21	0 58	14 59	0 55	20 22	0 9	1 20	1 29	0 53	15 41	11 3	11 12	17 25	6 6	6 16
S 10	17 28	16 41	2 9	6 22	3 1	3 30	1 45	16 30	0 13	16 20	0 58	14 58	0 55	20 22	0 9	1 20	1 29	0 54	15 41	11 3	11 13	17 26	6 5	6 16
S 11	17 44	13 58	1 1	6 53	2 59	3 57	1 46	16 26	0 10	16 18	0 58	14 58	0 55	20 23	0 9	1 20	1 29	0 54	15 41	11 4	11 14	17 27	6 4	6 17
M12	18 0	10 35	0s 9	7 24	2 57	4 23	1 46	16 22	0 7	16 17	0 58	14 57	0 56	20 24	0 9	1 19	1 29	0 54	15 41	11 4	11 15	17 28	6 4	6 17
T 13	18 15	6 46	1 17	7 57	2 55	4 50	1 47	16 19	0 5	16 15	0 58	14 57	0 56	20 24	0 9	1 19	1 29	0 55	15 41	11 4	11 16	17 29	6 3	6 17
W14	18 29	2 43	2 19	8 30	2 51	5 16	1 48	16 15	0 2	16 13	0 58	14 56	0 56	20 25	0 9	1 18	1 29	0 55	15 41	11 5	11 17	17 30	6 2	6 18
T 15	18 44	1n22	3 14	9 5	2 48	5 43	1 49	16 11	0s 1	16 11	0 58	14 56	0 56	20 26	0 9	1 18	1 29	0 55	15 41	11 6	11 18	17 31	6 1	6 18
F 16	18 58	5 20	3 58	9 40	2 43	6 9	1 49	16 7	0 4	16 10	0 57	14 55	0 56	20 27	0 9	1 18	1 29	0 56	15 41	11 9	11 19	17 32	6 1	6 18
S 17	19 12	9 2	4 31	10 16	2 38	6 35	1 50	16 4	0 6	16 8	0 57	14 55	0 57	20 27	0 9	1 17	1 29	0 56	15 41	11 13	11 21	17 33	6 0	6 19
S 18	19 25	12 21	4 52	10 53	2 33	7 1	1 50	16 0	0 9	16 6	0 57	14 54	0 57	20 28	0 9	1 17	1 29	0 56	15 41	11 18	11 22	17 34	5 59	6 19
M19	19 39	15 8	4 59	11 30	2 27	7 27	1 51	15 56	0 12	16 4	0 57	14 54	0 57	20 29	0 9	1 17	1 29	0 57	15 41	11 22	11 23	17 35	5 58	6 19
T 20	19 52	17 16	4 54	12 8	2 21	7 53	1 51	15 53	0 15	16 2	0 57	14 54	0 57	20 29	0 9	1 16	1 28	0 57	15 41	11 27	11 24	17 36	5 58	6 20
W21	20 4	18 40	4 36	12 47	2 14	8 19	1 51	15 49	0 17	16 0	0 57	14 54	0 57	20 30	0 9	1 16	1 28	0 57	15 41	11 32	11 25	17 37	5 57	6 20
T 22	20 16	19 15	4 5	13 26	2 6	8 44	1 51	15 46	0 20	15 58	0 57	14 53	0 57	20 31	0 9	1 16	1 28	0 58	15 41	11 36	11 26	17 37	5 57	6 21
F 23	20 28	18 59	3 24	14 5	1 59	9 10	1 51	15 43	0 23	15 56	0 57	14 53	0 58	20 31	0 9	1 15	1 28	0 58	15 41	11 39	11 27	17 38	5 56	6 21
S 24	20 40	17 52	2 34	14 45	1 50	9 35	1 51	15 39	0 25	15 53	0 57	14 53	0 58	20 32	0 9	1 15	1 28	0 58	15 41	11 40	11 28	17 39	5 55	6 21
S 25	20 51	15 57	1 36	15 24	1 42	10 0	1 51	15 36	0 28	15 51	0 57	14 53	0 58	20 33	0 9	1 15	1 28	0 59	15 41	11 41	11 29	17 40	5 55	6 22
M26	21 1	13 15	0 32	16 4	1 33	10 25	1 51	15 34	0 31	15 49	0 57	14 53	0 58	20 33	0 9	1 15	1 28	0 59	15 41	11 42	11 31	17 41	5 54	6 22
T 27	21 12	9 54	0n34	16 43	1 23	10 50	1 50	15 31	0 33	15 46	0 56	14 53	0 58	20 34	0 9	1 14	1 28	0 59	15 42	11 42	11 32	17 42	5 54	6 22
W28	21 22	5 58	1 41	17 22	1 14	11 14	1 50	15 28	0 36	15 44	0 56	14 53	0 58	20 35	0 9	1 14	1 28	0 59	15 42	11 42	11 33	17 43	5 53	6 23
T 29	21 31	1 37	2 45	18 1	1 4	11 38	1 49	15 26	0 38	15 42	0 56	14 53	0 59	20 36	0 9	1 14	1 28	1 0	15 42	11 43	11 34	17 44	5 53	6 23
F 30	21 41	2s58	3 41	18 39	0 53	12 2	1 49	15 24	0 41	15 39	0 56	14 53	0 59	20 36	0 9	1 14	1 28	1 0	15 42	11 44	11 35	17 45	5 53	6 23
S 31	21n50	7s32	4n25	19n16	0s43	12n26	1s48	15s22	0s43	15n37	0n56	14s53	0s59	20n37	0s 9	1s14	1n28	1n 0	15s42	11n46	11n36	17n46	5s52	6n24

Julian Day Number = 2491841.5, Delta T = 98.18 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°16'54, Lahiri = 25°23'55

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ASTRODIENST EPHEMERIS for the year 2110
geocentric

JUNE 2110 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 37	10♊14'50	15♏29	1♊16	9♉ 8	9°R23	20♌23	22♒40	3♊ 9	6°R29	14♉ 0	28°R59	29♌33	16♊ 2	28♒50	S 1
M 2	16 40 33	11°12'21	0♐39	3°21	10°20	9♏10	20°31	22°R40	3°13	6♎28	14° 2	28♌49	29°30	16° 8	28°50	M 2
T 3	16 44 30	12° 9'51	15°59	5°29	11°31	8°59	20°39	22°40	3°16	6°28	14° 3	28°38	29°27	16°15	28°R50	T 3
W 4	16 48 26	13° 7'20	1♑16	7°37	12°43	8°48	20°47	22°40	3°20	6°27	14° 4	28°29	29°24	16°22	28°50	W 4
T 5	16 52 23	14° 4'48	16°20	9°47	13°55	8°38	20°55	22°39	3°23	6°27	14° 5	28°22	29°20	16°28	28°50	T 5
F 6	16 56 19	15° 2'16	1♒ 2	11°58	15° 7	8°29	21° 4	22°39	3°27	6°26	14° 7	28°17	29°17	16°35	28°49	F 6
S 7	17 0 16	15°59'42	15°18	14°10	16°19	8°20	21°12	22°39	3°30	6°26	14° 8	28°14	29°14	16°42	28°49	S 7
S 8	17 4 12	16°57'08	29° 6	16°22	17°31	8°13	21°21	22°38	3°33	6°26	14° 9	28°D14	29°11	16°49	28°49	S 8
M 9	17 8 9	17°54'33	12♓26	18°34	18°43	8° 6	21°29	22°38	3°37	6°25	14°10	28°R14	29° 8	16°55	28°48	M 9
T 10	17 12 6	18°51'58	25°23	20°46	19°55	8° 0	21°38	22°37	3°40	6°25	14°11	28°14	29° 4	17° 2	28°48	T 10
W11	17 16 2	19°49'22	8♈ 0	22°57	21° 7	7°55	21°47	22°36	3°44	6°25	14°12	28°13	29° 1	17° 9	28°48	W11
T 12	17 19 59	20°46'45	20°21	25° 8	22°19	7°51	21°56	22°35	3°47	6°25	14°14	28° 9	28°58	17°15	28°47	T 12
F 13	17 23 55	21°44'08	2♉31	27°19	23°31	7°47	22° 5	22°34	3°50	6°25	14°15	28° 3	28°55	17°22	28°46	F 13
S 14	17 27 52	22°41'30	14°32	29°28	24°43	7°44	22°15	22°33	3°54	6°24	14°16	27°54	28°52	17°29	28°46	S 14
S 15	17 31 48	23°38'52	26°28	1♋35	25°55	7°42	22°24	22°32	3°57	6°24	14°17	27°44	28°49	17°36	28°45	S 15
M16	17 35 45	24°36'13	8♊21	3°42	27° 7	7°41	22°33	22°31	4° 1	6°24	14°18	27°32	28°45	17°42	28°44	M16
T 17	17 39 41	25°33'34	20°12	5°46	28°19	7°D41	22°43	22°29	4° 4	6°24	14°19	27°20	28°42	17°49	28°43	T 17
W18	17 43 38	26°30'54	2♋ 4	7°49	29°32	7°42	22°53	22°28	4° 7	6°D24	14°20	27° 9	28°39	17°56	28°42	W18
T 19	17 47 35	27°28'13	13°57	9°50	0♊44	7°43	23° 2	22°26	4°10	6°24	14°21	27° 0	28°36	18° 2	28°41	T 19
F 20	17 51 31	28°25'32	25°55	11°48	1°56	7°45	23°12	22°25	4°14	6°24	14°22	26°54	28°33	18° 9	28°40	F 20
S 21	17 55 28	29°22'50	7♌58	13°45	3° 8	7°48	23°22	22°23	4°17	6°24	14°23	26°49	28°30	18°16	28°39	S 21
S 22	17 59 24	0♋20'08	20° 9	15°39	4°21	7°52	23°32	22°21	4°20	6°25	14°24	26°48	28°26	18°23	28°38	S 22
M23	18 3 21	1°17'24	2♍33	17°32	5°33	7°57	23°42	22°19	4°23	6°25	14°25	26°D48	28°23	18°29	28°37	M23
T 24	18 7 17	2°14'40	15°12	19°22	6°45	8° 2	23°53	22°17	4°27	6°25	14°26	26°48	28°20	18°36	28°36	T 24
W25	18 11 14	3°11'55	28°10	21° 9	7°58	8° 8	24° 3	22°15	4°30	6°25	14°27	26°R49	28°17	18°43	28°34	W25
T 26	18 15 10	4° 9'10	11♎32	22°55	9°10	8°15	24°13	22°13	4°33	6°25	14°28	26°49	28°14	18°49	28°33	T 26
F 27	18 19 7	5° 6'24	25°20	24°38	10°22	8°22	24°24	22°11	4°36	6°26	14°29	26°47	28°10	18°56	28°32	F 27
S 28	18 23 4	6° 3'37	9♏35	26°19	11°35	8°31	24°34	22° 9	4°39	6°26	14°30	26°43	28° 7	19° 3	28°30	S 28
S 29	18 27 0	7° 0'50	24°14	27°57	12°47	8°40	24°45	22° 6	4°42	6°26	14°31	26°38	28° 4	19°10	28°29	S 29
M30	18 30 57	7♋58'02	9♐14	29♋34	14♊ 0	8♏49	24♌55	22♒ 4	4♊45	6♎27	14♉32	26♌31	28♌ 1	19♊16	28♒27	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n58	11s47	4n53	19n52	0s32	12n50	1s48	15s20	0s46	15n34	0n56	14s53	0s59	20n38	0s 9	1s13	1n28	1n 0	15s42	11n49	11n37	17n47	5s52	6n24
M 2	22 6	15 22	5 1	20 28	0 21	13 13	1 47	15 18	0 48	15 32	0 56	14 53	0 59	20 38	0 9	1 13	1 28	1 1	15 42	11 53	11 38	17 48	5 51	6 25
T 3	22 14	17 55	4 48	21 2	0 11	13 36	1 46	15 17	0 50	15 29	0 56	14 53	0 59	20 39	0 9	1 13	1 28	1 1	15 42	11 56	11 40	17 49	5 51	6 25
W 4	22 21	19 11	4 14	21 34	0 0	13 59	1 45	15 15	0 53	15 26	0 56	14 53	1 0	20 40	0 9	1 13	1 28	1 1	15 42	12 0	11 41	17 50	5 51	6 25
T 5	22 28	19 4	3 23	22 5	0n11	14 21	1 44	15 14	0 55	15 24	0 56	14 54	1 0	20 40	0 9	1 13	1 28	1 1	15 43	12 2	11 42	17 51	5 50	6 26
F 6	22 35	17 39	2 19	22 33	0 21	14 43	1 43	15 13	0 57	15 21	0 56	14 54	1 0	20 41	0 9	1 13	1 28	1 1	15 43	12 4	11 43	17 51	5 50	6 26
S 7	22 41	15 9	1 8	23 0	0 31	15 5	1 42	15 13	0 59	15 18	0 56	14 54	1 0	20 42	0 9	1 13	1 28	1 2	15 43	12 5	11 44	17 52	5 50	6 26
S 8	22 47	11 51	0s 5	23 24	0 41	15 26	1 41	15 12	1 1	15 15	0 56	14 55	1 0	20 42	0 9	1 12	1 28	1 2	15 43	12 5	11 45	17 53	5 50	6 27
M 9	22 52	8 2	1 15	23 46	0 51	15 47	1 39	15 12	1 3	15 12	0 55	14 55	1 0	20 43	0 9	1 12	1 28	1 2	15 43	12 5	11 46	17 54	5 49	6 27
T 10	22 57	3 57	2 19	24 6	1 0	16 8	1 38	15 12	1 6	15 9	0 55	14 55	1 1	20 44	0 9	1 12	1 28	1 2	15 43	12 5	11 47	17 55	5 49	6 27
W11	23 2	0n11	3 15	24 22	1 8	16 28	1 37	15 12	1 8	15 6	0 55	14 56	1 1	20 44	0 9	1 12	1 28	1 2	15 44	12 5	11 48	17 56	5 49	6 28
T 12	23 6	4 14	4 0	24 36	1 16	16 48	1 35	15 13	1 10	15 3	0 55	14 56	1 1	20 45	0 9	1 12	1 28	1 2	15 44	12 7	11 49	17 57	5 49	6 28
F 13	23 10	8 3	4 34	24 47	1 24	17 8	1 34	15 13	1 11	15 0	0 55	14 57	1 1	20 45	0 9	1 12	1 28	1 3	15 44	12 9	11 51	17 58	5 49	6 28
S 14	23 13	11 30	4 55	24 56	1 30	17 27	1 32	15 14	1 13	14 57	0 55	14 57	1 1	20 46	0 9	1 12	1 28	1 3	15 44	12 12	11 52	17 59	5 49	6 29
S 15	23 16	14 27	5 3	25 1	1 36	17 45	1 30	15 15	1 15	14 54	0 55	14 58	1 2	20 47	0 9	1 12	1 27	1 3	15 44	12 15	11 53	18 0	5 49	6 29
M16	23 19	16 47	4 57	25 4	1 42	18 4	1 29	15 17	1 17	14 51	0 55	14 58	1 2	20 47	0 9	1 12	1 27	1 3	15 44	12 19	11 54	18 0	5 49	6 29
T 17	23 21	18 25	4 39	25 4	1 46	18 21	1 27	15 18	1 19	14 48	0 55	14 59	1 2	20 48	0 9	1 12	1 27	1 3	15 45	12 23	11 55	18 1	5 49	6 30
W18	23 23	19 15	4 9	25 2	1 50	18 39	1 25	15 20	1 20	14 45	0 55	15 0	1 2	20 49	0 9	1 12	1 27	1 3	15 45	12 27	11 56	18 2	5 49	6 30
T 19	23 24	19 15	3 28	24 57	1 53	18 56	1 23	15 22	1 22	14 41	0 55	15 0	1 2	20 49	0 9	1 12	1 27	1 3	15 45	12 30	11 57	18 3	5 49	6 30
F 20	23 25	18 22	2 37	24 49	1 56	19 12	1 22	15 24	1 24	14 38	0 55	15 1	1 2	20 50	0 9	1 12	1 27	1 3	15 45	12 32	11 58	18 4	5 49	6 31
S 21	23 25	16 40	1 39	24 40	1 57	19 28	1 20	15 27	1 25	14 35	0 55	15 2	1 3	20 50	0 9	1 12	1 27	1 3	15 45	12 34	11 59	18 5	5 49	6 31
S 22	23 25	14 12	0 36	24 28	1 58	19 44	1 18	15 30	1 27	14 31	0 55	15 2	1 3	20 51	0 9	1 13	1 27	1 4	15 46	12 34	12 1	18 6	5 49	6 31
M23	23 25	11 2	0n31	24 14	1 58	19 58	1 16	15 32	1 28	14 28	0 55	15 3	1 3	20 52	0 9	1 13	1 27	1 4	15 46	12 34	12 2	18 6	5 49	6 32
T 24	23 24	7 19	1 37	23 58	1 58	20 13	1 14	15 36	1 30	14 25	0 55	15 4	1 3	20 52	0 9	1 13	1 27	1 4	15 46	12 34	12 3	18 7	5 49	6 32
W25	23 23	3 11	2 40	23 41	1 56	20 27	1 11	15 39	1 31	14 21	0 54	15 5	1 3	20 53	0 9	1 13	1 27	1 4	15 46	12 34	12 4	18 8	5 49	6 32
T 26	23 21	1s14	3 37	23 22	1 54	20 40	1 9	15 42	1 33	14 18	0 54	15 6	1 3	20 53	0 9	1 13	1 27	1 4	15 46	12 34	12 5	18 9	5 49	6 33
F 27	23 19	5 43	4 23	23 1	1 52	20 53	1 7	15 46	1 34	14 14	0 54	15 7	1 4	20 54	0 9	1 13	1 27	1 4	15 47	12 35	12 6	18 10	5 50	6 33
S 28	23 17	10 1	4 54	22 39	1 49	21 5	1 5	15 50	1 35	14 11	0 54	15 7	1 4	20 55	0 9	1 13	1 27	1 4	15 47	12 36	12 7	18 11	5 50	6 33
S 29	23 14	13 51	5 7	22 16	1 45	21 17	1 3	15 54	1 37	14 7	0 54	15 8	1 4	20 55	0 9	1 13	1 27	1 4	15 47	12 38	12 8	18 12	5 50	6 34
M30	23n11	16s53	5n 0	21n51	1n40	21n28	1s 0	15s59	1s38	14n 3	0n54	15s 9	1s 4	20n56	0s 9	1s14	1n27	1n 4	15s47	12n40	12n 9	18n12	5s50	6n34

Julian Day Number = 2491872.5, Delta T = 98.22 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°16'59, Lahiri = 25°23'59

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ASTRODIENST EPHEMERIS for the year 2110
geocentric

JULY 2110 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 34 53	8♋55'14	24♐25	1♌ 8	15♊12	9♏ 0	25♌ 6	22°R 1	4♊49	6♎27	14♉33	26°R24	27♌58	19♊23	28°R25	T 1
W 2	18 38 50	9°52'26	9♑38	2°39	16°25	9°11	25°17	21♒58	4°52	6°28	14°34	26♌18	27°55	19°30	28♒24	W 2
T 3	18 42 46	10°49'38	24°43	4° 9	17°37	9°22	25°28	21°56	4°55	6°28	14°34	26°13	27°51	19°36	28°22	T 3
F 4	18 46 43	11°46'49	9♒29	5°36	18°50	9°35	25°39	21°53	4°58	6°29	14°35	26°10	27°48	19°43	28°20	F 4
S 5	18 50 39	12°44'01	23°52	7° 0	20° 3	9°48	25°50	21°50	5° 0	6°29	14°36	26°D 9	27°45	19°50	28°18	S 5
S 6	18 54 36	13°41'12	7♓47	8°22	21°15	10° 1	26° 1	21°47	5° 3	6°30	14°37	26° 9	27°42	19°57	28°16	S 6
M 7	18 58 33	14°38'24	21°15	9°42	22°28	10°15	26°12	21°44	5° 6	6°30	14°38	26°11	27°39	20° 3	28°14	M 7
T 8	19 2 29	15°35'36	4♈17	10°59	23°41	10°30	26°24	21°41	5° 9	6°31	14°38	26°12	27°36	20°10	28°12	T 8
W 9	19 6 26	16°32'48	16°57	12°14	24°53	10°45	26°35	21°38	5°12	6°32	14°39	26°R12	27°32	20°17	28°10	W 9
T 10	19 10 22	17°30'01	29°18	13°25	26° 6	11° 1	26°46	21°34	5°15	6°32	14°40	26°12	27°29	20°23	28° 8	T 10
F 11	19 14 19	18°27'14	11♉26	14°35	27°19	11°18	26°58	21°31	5°18	6°33	14°41	26° 9	27°26	20°30	28° 6	F 11
S 12	19 18 15	19°24'27	23°25	15°41	28°32	11°35	27° 9	21°28	5°20	6°34	14°41	26° 5	27°23	20°37	28° 4	S 12
S 13	19 22 12	20°21'41	5♊18	16°45	29°45	11°53	27°21	21°24	5°23	6°35	14°42	26° 0	27°20	20°44	28° 2	S 13
M14	19 26 8	21°18'55	17° 9	17°46	0♋57	12°11	27°33	21°21	5°26	6°35	14°43	25°54	27°16	20°50	27°59	M14
T 15	19 30 5	22°16'10	29° 1	18°44	2°10	12°30	27°44	21°17	5°28	6°36	14°43	25°48	27°13	20°57	27°57	T 15
W16	19 34 2	23°13'24	10♋56	19°38	3°23	12°49	27°56	21°13	5°31	6°37	14°44	25°42	27°10	21° 4	27°55	W16
T 17	19 37 58	24°10'40	22°55	20°30	4°36	13° 9	28° 8	21°10	5°34	6°38	14°44	25°38	27° 7	21°10	27°52	T 17
F 18	19 41 55	25° 7'55	5♌ 1	21°17	5°49	13°29	28°20	21° 6	5°36	6°39	14°45	25°35	27° 4	21°17	27°50	F 18
S 19	19 45 51	26° 5'11	17°15	22° 2	7° 2	13°50	28°32	21° 2	5°39	6°40	14°46	25°33	27° 1	21°24	27°47	S 19
S 20	19 49 48	27° 2'27	29°39	22°43	8°15	14°11	28°44	20°58	5°41	6°41	14°46	25°D33	26°57	21°31	27°45	S 20
M21	19 53 44	27°59'44	12♍15	23°20	9°28	14°33	28°56	20°54	5°44	6°42	14°47	25°34	26°54	21°37	27°42	M21
T 22	19 57 41	28°57'00	25° 5	23°53	10°42	14°55	29° 8	20°50	5°46	6°43	14°47	25°35	26°51	21°44	27°40	T 22
W23	20 1 37	29°54'17	8♎11	24°22	11°55	15°18	29°20	20°46	5°48	6°44	14°48	25°37	26°48	21°51	27°37	W23
T 24	20 5 34	0♌51'34	21°36	24°46	13° 8	15°41	29°32	20°42	5°51	6°45	14°48	25°38	26°45	21°57	27°35	T 24
F 25	20 9 31	1°48'51	5♏20	25° 7	14°21	16° 5	29°44	20°38	5°53	6°46	14°48	25°R38	26°42	22° 4	27°32	F 25
S 26	20 13 27	2°46'09	19°25	25°22	15°34	16°29	29°57	20°34	5°55	6°48	14°49	25°37	26°38	22°11	27°29	S 26
S 27	20 17 24	3°43'27	3♐49	25°33	16°48	16°54	0♍ 9	20°30	5°58	6°49	14°49	25°35	26°35	22°18	27°26	S 27
M28	20 21 20	4°40'45	18°30	25°39	18° 1	17°19	0°21	20°26	6° 0	6°50	14°50	25°33	26°32	22°24	27°24	M28
T 29	20 25 17	5°38'04	3♑21	25°R40	19°14	17°44	0°34	20°21	6° 2	6°51	14°50	25°30	26°29	22°31	27°21	T 29
W30	20 29 13	6°35'23	18°15	25°36	20°27	18°10	0°46	20°17	6° 4	6°53	14°50	25°28	26°26	22°38	27°18	W30
T 31	20 33 10	7♌32'43	3♒ 5	25♌27	21♋41	18♏36	0♍58	20♒13	6♊ 6	6♎54	14♉51	25♌26	26♌22	22♊44	27♒15	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 7	18s47	4n32	21n26	1n35	21n38	0s58	16s 3	1s39	14n 0	0n54	15s10	1s 4	20n56	0s 9	1s14	1n27	1n 4	15s48	12n42	12n10	18n13	5s51	6n34
W 2	23 3	19 21	3 44	21 0	1 29	21 48	0 56	16 8	1 40	13 56	0 54	15 11	1 4	20 57	0 9	1 14	1 27	1 4	15 48	12 45	12 11	18 14	5 51	6 34
T 3	22 59	18 31	2 42	20 33	1 23	21 58	0 53	16 13	1 42	13 52	0 54	15 12	1 5	20 57	0 9	1 14	1 27	1 4	15 48	12 46	12 13	18 15	5 51	6 35
F 4	22 54	16 26	1 29	20 5	1 16	22 7	0 51	16 18	1 43	13 49	0 54	15 13	1 5	20 58	0 9	1 15	1 27	1 4	15 48	12 47	12 14	18 16	5 52	6 35
S 5	22 49	13 22	0 12	19 37	1 8	22 15	0 48	16 23	1 44	13 45	0 54	15 15	1 5	20 58	0 9	1 15	1 27	1 4	15 49	12 48	12 15	18 17	5 52	6 35
S 6	22 43	9 37	1s 3	19 8	1 0	22 22	0 46	16 28	1 45	13 41	0 54	15 16	1 5	20 59	0 9	1 15	1 27	1 4	15 49	12 47	12 16	18 17	5 52	6 36
M 7	22 37	5 29	2 12	18 38	0 52	22 29	0 43	16 34	1 46	13 37	0 54	15 17	1 5	21 0	0 9	1 15	1 27	1 4	15 49	12 47	12 17	18 18	5 53	6 36
T 8	22 31	1 14	3 12	18 9	0 43	22 35	0 41	16 39	1 47	13 33	0 54	15 18	1 5	21 0	0 9	1 16	1 27	1 4	15 49	12 47	12 18	18 19	5 53	6 36
W 9	22 24	2n56	4 1	17 39	0 33	22 41	0 38	16 45	1 48	13 29	0 54	15 19	1 5	21 1	0 9	1 16	1 26	1 4	15 50	12 46	12 19	18 20	5 54	6 36
T 10	22 17	6 53	4 37	17 9	0 24	22 46	0 36	16 51	1 49	13 26	0 54	15 20	1 6	21 1	0 9	1 16	1 26	1 4	15 50	12 47	12 20	18 21	5 54	6 37
F 11	22 9	10 29	5 1	16 39	0 13	22 50	0 33	16 57	1 50	13 22	0 54	15 22	1 6	21 2	0 9	1 17	1 26	1 4	15 50	12 47	12 21	18 22	5 55	6 37
S 12	22 1	13 36	5 10	16 10	0 2	22 54	0 31	17 3	1 51	13 18	0 54	15 23	1 6	21 2	0 9	1 17	1 26	1 3	15 50	12 49	12 22	18 22	5 55	6 37
S 13	21 53	16 8	5 7	15 40	0s 9	22 57	0 28	17 10	1 52	13 14	0 54	15 24	1 6	21 3	0 9	1 17	1 26	1 3	15 51	12 51	12 23	18 23	5 56	6 37
M14	21 44	18 0	4 50	15 11	0 20	22 59	0 26	17 16	1 52	13 10	0 54	15 25	1 6	21 3	0 9	1 18	1 26	1 3	15 51	12 53	12 25	18 24	5 56	6 37
T 15	21 35	19 5	4 20	14 42	0 32	23 1	0 23	17 22	1 53	13 5	0 54	15 27	1 6	21 3	0 9	1 18	1 26	1 3	15 51	12 55	12 26	18 25	5 57	6 38
W16	21 26	19 19	3 40	14 13	0 44	23 2	0 21	17 29	1 54	13 1	0 54	15 28	1 6	21 4	0 9	1 18	1 26	1 3	15 52	12 57	12 27	18 26	5 57	6 38
T 17	21 16	18 42	2 49	13 45	0 57	23 3	0 18	17 36	1 55	12 57	0 54	15 29	1 7	21 4	0 9	1 19	1 26	1 3	15 52	12 58	12 28	18 26	5 58	6 38
F 18	21 6	17 13	1 50	13 18	1 10	23 2	0 15	17 43	1 56	12 53	0 54	15 31	1 7	21 5	0 9	1 19	1 26	1 3	15 52	12 59	12 29	18 27	5 59	6 38
S 19	20 55	14 56	0 45	12 51	1 23	23 1	0 13	17 50	1 56	12 49	0 54	15 32	1 7	21 5	0 9	1 20	1 26	1 3	15 52	13 0	12 30	18 28	5 59	6 38
S 20	20 44	11 56	0n23	12 25	1 36	23 0	0 10	17 57	1 57	12 45	0 54	15 33	1 7	21 6	0 9	1 20	1 26	1 3	15 53	13 0	12 31	18 29	6 0	6 39
M21	20 33	8 21	1 30	12 1	1 49	22 57	0 8	18 4	1 58	12 41	0 54	15 35	1 7	21 6	0 9	1 20	1 26	1 3	15 53	13 0	12 32	18 29	6 1	6 39
T 22	20 21	4 20	2 35	11 37	2 3	22 54	0 5	18 11	1 58	12 36	0 54	15 36	1 7	21 7	0 9	1 21	1 26	1 2	15 53	12 59	12 33	18 30	6 1	6 39
W23	20 9	0 1	3 33	11 15	2 16	22 51	0 2	18 19	1 59	12 32	0 54	15 37	1 7	21 7	0 9	1 21	1 26	1 2	15 54	12 59	12 34	18 31	6 2	6 39
T 24	19 57	4s22	4 21	10 54	2 30	22 47	0n 0	18 26	2 0	12 28	0 54	15 39	1 7	21 7	0 9	1 22	1 26	1 2	15 54	12 58	12 35	18 32	6 3	6 39
F 25	19 45	8 39	4 55	10 34	2 44	22 42	0 3	18 33	2 0	12 24	0 54	15 40	1 8	21 8	0 9	1 22	1 26	1 2	15 54	12 58	12 37	18 33	6 4	6 39
S 26	19 32	12 33	5 13	10 16	2 57	22 36	0 5	18 41	2 1	12 19	0 54	15 42	1 8	21 8	0 9	1 23	1 26	1 2	15 54	12 58	12 38	18 33	6 4	6 40
S 27	19 18	15 48	5 11	10 0	3 10	22 30	0 8	18 48	2 1	12 15	0 54	15 43	1 8	21 9	0 9	1 23	1 26	1 2	15 55	12 59	12 39	18 34	6 5	6 40
M28	19 5	18 7	4 50	9 46	3 23	22 23	0 10	18 56	2 2	12 11	0 54	15 45	1 8	21 9	0 9	1 24	1 26	1 1	15 55	13 0	12 40	18 35	6 6	6 40
T 29	18 51	19 14	4 9	9 34	3 36	22 15	0 13	19 4	2 2	12 6	0 54	15 46	1 8	21 9	0 9	1 24	1 26	1 1	15 55	13 1	12 41	18 36	6 7	6 40
W30	18 37	19 2	3 11	9 24	3 48	22 7	0 15	19 12	2 3	12 2	0 54	15 48	1 8	21 10	0 9	1 25	1 26	1 1	15 56	13 1	12 42	18 36	6 8	6 40
T 31	18n22	17s30	2n 0	9n16	4s 0	21n58	0n18	19s19	2s 3	11n57	0n54	15s49	1s 8	21n10	0s 9	1s25	1n26	1n 1	15s56	13n 2	12n43	18n37	6s 8	6n40

Julian Day Number = 2491902.5, Delta T = 98.26 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°17'03, Lahiri = 25°24'03

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2110
geocentric

AUGUST 2110 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 37 6	8♌30'03	17♒42	25°R13	22♋54	19♏ 2	1♍11	20°R 9	6♊ 8	6♎55	14♉51	25°R25	26♌19	22♊51	27°R12	F 1
S 2	20 41 3	9°27'25	2♓ 0	24♌54	24° 8	19°29	1°23	20♒ 4	6°10	6°57	14°51	25°D25	26°16	22°58	27♒ 9	S 2
S 3	20 45 0	10°24'47	15°56	24°30	25°21	19°56	1°36	20° 0	6°12	6°58	14°51	25♌26	26°13	23° 5	27° 7	S 3
M 4	20 48 56	11°22'10	29°27	24° 1	26°35	20°24	1°49	19°55	6°14	6°59	14°52	25°27	26°10	23°11	27° 4	M 4
T 5	20 52 53	12°19'34	12♈33	23°28	27°48	20°52	2° 1	19°51	6°16	7° 1	14°52	25°28	26° 7	23°18	27° 1	T 5
W 6	20 56 49	13°17'00	25°17	22°51	29° 2	21°20	2°14	19°47	6°18	7° 2	14°52	25°29	26° 3	23°25	26°58	W 6
T 7	21 0 46	14°14'26	7♉42	22°10	0♌15	21°48	2°27	19°42	6°20	7° 4	14°52	25°30	26° 0	23°31	26°55	T 7
F 8	21 4 42	15°11'54	19°52	21°27	1°29	22°17	2°39	19°38	6°21	7° 5	14°52	25°R30	25°57	23°38	26°52	F 8
S 9	21 8 39	16° 9'23	1♊51	20°41	2°42	22°47	2°52	19°33	6°23	7° 7	14°53	25°29	25°54	23°45	26°49	S 9
S 10	21 12 35	17° 6'54	13°45	19°54	3°56	23°16	3° 5	19°29	6°25	7° 8	14°53	25°29	25°51	23°51	26°46	S 10
M11	21 16 32	18° 4'26	25°36	19° 6	5°10	23°46	3°18	19°24	6°26	7°10	14°53	25°28	25°48	23°58	26°43	M11
T 12	21 20 29	19° 1'59	7♋30	18°19	6°24	24°16	3°31	19°20	6°28	7°12	14°53	25°27	25°44	24° 5	26°39	T 12
W13	21 24 25	19°59'33	19°29	17°32	7°37	24°47	3°43	19°15	6°29	7°13	14°53	25°26	25°41	24°12	26°36	W13
T 14	21 28 22	20°57'09	1♌36	16°48	8°51	25°18	3°56	19°11	6°31	7°15	14°53	25°25	25°38	24°18	26°33	T 14
F 15	21 32 18	21°54'45	13°53	16° 7	10° 5	25°49	4° 9	19° 6	6°32	7°16	14°R53	25°25	25°35	24°25	26°30	F 15
S 16	21 36 15	22°52'23	26°22	15°29	11°19	26°21	4°22	19° 2	6°34	7°18	14°53	25°D25	25°32	24°32	26°27	S 16
S 17	21 40 11	23°50'02	9♍ 4	14°56	12°33	26°52	4°35	18°57	6°35	7°20	14°53	25°25	25°28	24°38	26°24	S 17
M18	21 44 8	24°47'43	22° 0	14°28	13°47	27°24	4°48	18°53	6°36	7°22	14°53	25°25	25°25	24°45	26°21	M18
T 19	21 48 4	25°45'24	5♎10	14° 7	15° 1	27°57	5° 1	18°48	6°38	7°23	14°53	25°R25	25°22	24°52	26°18	T 19
W20	21 52 1	26°43'06	18°33	13°51	16°15	28°29	5°14	18°44	6°39	7°25	14°53	25°25	25°19	24°59	26°15	W20
T 21	21 55 58	27°40'50	2♏10	13°43	17°29	29° 2	5°27	18°39	6°40	7°27	14°53	25°25	25°16	25° 5	26°12	T 21
F 22	21 59 54	28°38'35	16° 0	13°D42	18°43	29°35	5°40	18°35	6°41	7°29	14°52	25°25	25°13	25°12	26° 9	F 22
S 23	22 3 51	29°36'20	0♐ 3	13°48	19°57	0♐ 9	5°53	18°31	6°42	7°31	14°52	25°D25	25° 9	25°19	26° 5	S 23
S 24	22 7 47	0♍34'07	14°16	14° 2	21°11	0°42	6° 6	18°26	6°43	7°32	14°52	25°25	25° 6	25°25	26° 2	S 24
M25	22 11 44	1°31'55	28°38	14°24	22°25	1°16	6°19	18°22	6°44	7°34	14°52	25°25	25° 3	25°32	25°59	M25
T 26	22 15 40	2°29'44	13♑ 5	14°53	23°39	1°50	6°32	18°18	6°45	7°36	14°52	25°26	25° 0	25°39	25°56	T 26
W27	22 19 37	3°27'35	27°33	15°30	24°53	2°25	6°45	18°13	6°46	7°38	14°51	25°26	24°57	25°45	25°53	W27
T 28	22 23 33	4°25'26	11♒57	16°15	26° 7	2°59	6°58	18° 9	6°47	7°40	14°51	25°27	24°53	25°52	25°50	T 28
F 29	22 27 30	5°23'19	26°13	17° 6	27°21	3°34	7°11	18° 5	6°47	7°42	14°51	25°R27	24°50	25°59	25°47	F 29
S 30	22 31 27	6°21'14	10♓15	18° 5	28°36	4° 9	7°24	18° 1	6°48	7°44	14°51	25°27	24°47	26° 6	25°44	S 30
S 31	22 35 23	7♍19'10	24♓ 1	19♌11	29♌50	4♐44	7♍37	17♒57	6♊49	7♎46	14♉50	25♌26	24♌44	26♊12	25♒41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n 8	14s51	0n43	9n10	4s11	21n49	0n20	19s27	2s 4	11n53	0n54	15s50	1s 8	21n10	0s 9	1s26	1n26	1n 1	15s56	13n 2	12n44	18n38	6s 9	6n40
S 2	17 52	11 19	0s36	9 7	4 21	21 38	0 22	19 35	2 4	11 48	0 54	15 52	1 9	21 11	0 9	1 27	1 26	1 0	15 57	13 2	12 45	18 39	6 10	6 40
S 3	17 37	7 15	1 51	9 6	4 30	21 28	0 25	19 43	2 5	11 44	0 54	15 53	1 9	21 11	0 9	1 27	1 26	1 0	15 57	13 2	12 46	18 39	6 11	6 40
M 4	17 21	2 56	2 57	9 8	4 38	21 16	0 27	19 51	2 5	11 39	0 54	15 55	1 9	21 12	0 9	1 28	1 26	1 0	15 57	13 2	12 47	18 40	6 12	6 41
T 5	17 5	1n24	3 52	9 13	4 44	21 4	0 29	19 58	2 5	11 35	0 54	15 56	1 9	21 12	0 9	1 28	1 25	1 0	15 57	13 1	12 48	18 41	6 13	6 41
W 6	16 49	5 31	4 34	9 20	4 49	20 51	0 32	20 6	2 6	11 30	0 54	15 58	1 9	21 12	0 9	1 29	1 25	0 59	15 58	13 1	12 49	18 42	6 14	6 41
T 7	16 33	9 19	5 2	9 29	4 53	20 38	0 34	20 14	2 6	11 26	0 54	15 59	1 9	21 12	0 9	1 30	1 25	0 59	15 58	13 1	12 51	18 42	6 15	6 41
F 8	16 16	12 38	5 15	9 41	4 55	20 24	0 36	20 22	2 6	11 21	0 54	16 1	1 9	21 13	0 9	1 30	1 25	0 59	15 58	13 1	12 52	18 43	6 16	6 41
S 9	15 59	15 23	5 15	9 55	4 55	20 10	0 38	20 30	2 7	11 17	0 54	16 2	1 9	21 13	0 9	1 31	1 25	0 59	15 59	13 1	12 53	18 44	6 17	6 41
S 10	15 42	17 27	5 1	10 11	4 54	19 55	0 41	20 38	2 7	11 12	0 54	16 4	1 9	21 13	0 9	1 31	1 25	0 58	15 59	13 1	12 54	18 44	6 18	6 41
M11	15 24	18 47	4 34	10 29	4 50	19 39	0 43	20 45	2 7	11 8	0 54	16 5	1 9	21 14	0 9	1 32	1 25	0 58	15 59	13 2	12 55	18 45	6 19	6 41
T 12	15 6	19 18	3 56	10 48	4 45	19 23	0 45	20 53	2 8	11 3	0 54	16 7	1 9	21 14	0 9	1 33	1 25	0 58	16 0	13 2	12 56	18 46	6 20	6 41
W13	14 48	18 56	3 6	11 9	4 38	19 6	0 47	21 1	2 8	10 58	0 54	16 8	1 10	21 14	0 9	1 33	1 25	0 58	16 0	13 2	12 57	18 47	6 21	6 41
T 14	14 30	17 42	2 8	11 31	4 29	18 49	0 49	21 9	2 8	10 54	0 54	16 10	1 10	21 14	0 9	1 34	1 25	0 57	16 0	13 2	12 58	18 47	6 22	6 41
F 15	14 12	15 38	1 4	11 53	4 18	18 31	0 51	21 17	2 8	10 49	0 54	16 11	1 10	21 15	0 9	1 35	1 25	0 57	16 1	13 2	12 59	18 48	6 23	6 41
S 16	13 53	12 48	0n 5	12 15	4 6	18 13	0 53	21 24	2 9	10 44	0 54	16 13	1 10	21 15	0 9	1 36	1 25	0 57	16 1	13 2	13 0	18 49	6 24	6 41
S 17	13 34	9 19	1 15	12 38	3 53	17 54	0 55	21 32	2 9	10 40	0 54	16 14	1 10	21 15	0 9	1 36	1 25	0 56	16 1	13 2	13 1	18 49	6 25	6 41
M18	13 15	5 21	2 22	13 0	3 38	17 35	0 56	21 39	2 9	10 35	0 54	16 16	1 10	21 15	0 9	1 37	1 25	0 56	16 1	13 2	13 2	18 50	6 26	6 41
T 19	12 56	1 4	3 23	13 21	3 23	17 15	0 58	21 47	2 9	10 30	0 54	16 17	1 10	21 16	0 9	1 38	1 25	0 56	16 2	13 2	13 3	18 51	6 27	6 41
W20	12 36	3s21	4 14	13 41	3 6	16 55	1 0	21 55	2 9	10 25	0 54	16 19	1 10	21 16	0 9	1 38	1 25	0 55	16 2	13 2	13 4	18 51	6 28	6 41
T 21	12 16	7 39	4 52	14 0	2 49	16 34	1 2	22 2	2 9	10 21	0 54	16 20	1 10	21 16	0 9	1 39	1 25	0 55	16 2	13 2	13 6	18 52	6 29	6 41
F 22	11 56	11 37	5 13	14 17	2 32	16 13	1 3	22 9	2 9	10 16	0 54	16 21	1 10	21 16	0 9	1 40	1 25	0 55	16 3	13 2	13 7	18 53	6 30	6 41
S 23	11 36	15 0	5 16	14 32	2 14	15 51	1 5	22 17	2 10	10 11	0 54	16 23	1 10	21 16	0 9	1 41	1 25	0 54	16 3	13 3	13 8	18 53	6 31	6 41
S 24	11 16	17 32	5 0	14 45	1 56	15 29	1 6	22 24	2 10	10 6	0 54	16 24	1 10	21 16	0 9	1 41	1 25	0 54	16 3	13 2	13 9	18 54	6 32	6 40
M25	10 55	18 59	4 26	14 56	1 38	15 6	1 8	22 31	2 10	10 2	0 54	16 26	1 10	21 17	0 9	1 42	1 25	0 54	16 4	13 2	13 10	18 55	6 34	6 40
T 26	10 35	19 14	3 34	15 4	1 21	14 43	1 9	22 38	2 10	9 57	0 54	16 27	1 10	21 17	0 9	1 43	1 25	0 53	16 4	13 2	13 11	18 55	6 35	6 40
W27	10 14	18 12	2 29	15 10	1 3	14 20	1 11	22 45	2 10	9 52	0 54	16 28	1 10	21 17	0 9	1 44	1 25	0 53	16 4	13 2	13 12	18 56	6 36	6 40
T 28	9 53	16 1	1 14	15 13	0 46	13 56	1 12	22 52	2 10	9 47	0 54	16 30	1 10	21 17	0 9	1 44	1 25	0 53	16 4	13 2	13 13	18 57	6 37	6 40
F 29	9 32	12 50	0s 4	15 13	0 30	13 32	1 13	22 59	2 10	9 42	0 54	16 31	1 10	21 17	0 9	1 45	1 25	0 52	16 5	13 2	13 14	18 57	6 38	6 40
S 30	9 10	8 58	1 21	15 10	0 14	13 7	1 14	23 5	2 10	9 38	0 54	16 32	1 11	21 17	0 9	1 46	1 25	0 52	16 5	13 2	13 15	18 58	6 39	6 40
S 31	8n49	4s42	2s32	15n 4	0n 0	12n42	1n15	23s12	2s10	9n33	0n54	16s34	1s11	21n17	0s 9	1s47	1n25	0n52	16s 5	13n 2	13n16	18n59	6s40	6n40

Julian Day Number = 2491933.5, Delta T = 98.30 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°17'07, Lahiri = 25°24'08

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ASTRODIENST EPHEMERIS for the year 2110
geocentric

SEPTEMBER 2110 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 39 20	8♍17'07	7♈26	20♌23	1♍ 4	5♐20	7♍50	17°R52	6♊49	7♎48	14°R50	25°R25	24♌41	26♊19	25°R38	M 1
T 2	22 43 16	9°15'06	20°31	21°41	2°18	5°56	8° 3	17♒48	6°50	7°50	14♉50	25♌23	24°38	26°26	25♒35	T 2
W 3	22 47 13	10°13'07	3♉16	23° 5	3°33	6°31	8°16	17°44	6°50	7°52	14°49	25°21	24°34	26°32	25°32	W 3
T 4	22 51 9	11°11'10	15°42	24°34	4°47	7° 8	8°29	17°41	6°51	7°54	14°49	25°19	24°31	26°39	25°29	T 4
F 5	22 55 6	12° 9'15	27°54	26° 7	6° 1	7°44	8°42	17°37	6°51	7°56	14°48	25°18	24°28	26°46	25°26	F 5
S 6	22 59 2	13° 7'22	9♊54	27°45	7°16	8°20	8°55	17°33	6°51	7°58	14°48	25°D17	24°25	26°52	25°23	S 6
S 7	23 2 59	14° 5'31	21°48	29°26	8°30	8°57	9° 9	17°29	6°52	8° 0	14°47	25°17	24°22	26°59	25°20	S 7
M 8	23 6 56	15° 3'42	3♋40	1♍11	9°45	9°34	9°22	17°25	6°52	8° 2	14°47	25°18	24°19	27° 6	25°18	M 8
T 9	23 10 52	16° 1'54	15°34	2°58	10°59	10°11	9°35	17°22	6°52	8° 4	14°47	25°19	24°15	27°13	25°15	T 9
W10	23 14 49	17° 0'09	27°36	4°47	12°13	10°49	9°48	17°18	6°52	8° 6	14°46	25°21	24°12	27°19	25°12	W10
T 11	23 18 45	17°58'26	9♌49	6°38	13°28	11°26	10° 1	17°14	6°52	8° 8	14°45	25°22	24° 9	27°26	25° 9	T 11
F 12	23 22 42	18°56'44	22°16	8°30	14°43	12° 4	10°14	17°11	6°R53	8°11	14°45	25°R23	24° 6	27°33	25° 6	F 12
S 13	23 26 38	19°55'05	5♍ 0	10°23	15°57	12°42	10°27	17° 8	6°52	8°13	14°44	25°23	24° 3	27°39	25° 4	S 13
S 14	23 30 35	20°53'27	18° 2	12°17	17°12	13°20	10°39	17° 4	6°52	8°15	14°44	25°21	23°59	27°46	25° 1	S 14
M15	23 34 31	21°51'51	1♎22	14°11	18°26	13°58	10°52	17° 1	6°52	8°17	14°43	25°19	23°56	27°53	24°58	M15
T 16	23 38 28	22°50'17	14°57	16° 5	19°41	14°36	11° 5	16°58	6°52	8°19	14°43	25°15	23°53	27°59	24°56	T 16
W17	23 42 24	23°48'44	28°46	17°59	20°55	15°15	11°18	16°54	6°52	8°21	14°42	25°11	23°50	28° 6	24°53	W17
T 18	23 46 21	24°47'14	12♏46	19°53	22°10	15°54	11°31	16°51	6°52	8°24	14°41	25° 6	23°47	28°13	24°51	T 18
F 19	23 50 18	25°45'45	26°53	21°46	23°25	16°33	11°44	16°48	6°51	8°26	14°41	25° 3	23°44	28°20	24°48	F 19
S 20	23 54 14	26°44'18	11♐ 3	23°38	24°39	17°12	11°57	16°46	6°51	8°28	14°40	25° 0	23°40	28°26	24°46	S 20
S 21	23 58 11	27°42'52	25°15	25°30	25°54	17°51	12°10	16°43	6°51	8°30	14°39	25°D 0	23°37	28°33	24°43	S 21
M22	0 2 7	28°41'28	9♑26	27°22	27° 9	18°31	12°22	16°40	6°50	8°32	14°38	25° 0	23°34	28°40	24°41	M22
T 23	0 6 4	29°40'05	23°34	29°12	28°23	19°10	12°35	16°37	6°50	8°34	14°38	25° 1	23°31	28°46	24°38	T 23
W24	0 10 0	0♎38'45	7♒38	1♎ 2	29°38	19°50	12°48	16°35	6°49	8°37	14°37	25° 3	23°28	28°53	24°36	W24
T 25	0 13 57	1°37'25	21°35	2°50	0♎53	20°30	13° 1	16°32	6°48	8°39	14°36	25°R 4	23°25	29° 0	24°34	T 25
F 26	0 17 53	2°36'08	5♓23	4°38	2° 8	21°10	13°13	16°30	6°48	8°41	14°35	25° 3	23°21	29° 6	24°32	F 26
S 27	0 21 50	3°34'52	19° 2	6°25	3°22	21°50	13°26	16°27	6°47	8°43	14°35	25° 1	23°18	29°13	24°30	S 27
S 28	0 25 47	4°33'39	2♈28	8°11	4°37	22°30	13°39	16°25	6°46	8°46	14°34	24°57	23°15	29°20	24°27	S 28
M29	0 29 43	5°32'27	15°39	9°56	5°52	23°11	13°51	16°23	6°45	8°48	14°33	24°51	23°12	29°27	24°25	M29
T 30	0 33 40	6♎31'17	28♈34	11♎40	7♎ 7	23♐51	14♍ 4	16♒21	6♊45	8♎50	14♉32	24♌44	23♌ 9	29♊33	24♒23	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n27	0s18	3s32	14n55	0n15	12n17	1n16	23s18	2s10	9n28	0n54	16s35	1s11	21n18	0s 9	1s48	1n25	0n51	16s 6	13n 3	13n17	18n59	6s41	6n39
T 2	8 6	4n 0	4 19	14 42	0 28	11 51	1 17	23 25	2 10	9 23	0 55	16 36	1 11	21 18	0 9	1 48	1 25	0 51	16 6	13 3	13 18	19 0	6 42	6 39
W 3	7 44	8 0	4 53	14 26	0 40	11 25	1 18	23 31	2 10	9 18	0 55	16 38	1 11	21 18	0 9	1 49	1 25	0 51	16 6	13 4	13 19	19 1	6 44	6 39
T 4	7 22	11 33	5 11	14 8	0 51	10 59	1 19	23 37	2 10	9 14	0 55	16 39	1 11	21 18	0 9	1 50	1 25	0 50	16 6	13 4	13 20	19 1	6 45	6 39
F 5	7 0	14 33	5 15	13 46	1 1	10 32	1 20	23 43	2 10	9 9	0 55	16 40	1 11	21 18	0 9	1 51	1 25	0 50	16 7	13 5	13 21	19 2	6 46	6 39
S 6	6 38	16 53	5 6	13 21	1 10	10 5	1 21	23 49	2 10	9 4	0 55	16 41	1 11	21 18	0 9	1 52	1 25	0 49	16 7	13 5	13 22	19 3	6 47	6 39
S 7	6 15	18 28	4 43	12 53	1 19	9 38	1 22	23 55	2 10	8 59	0 55	16 42	1 11	21 18	0 9	1 52	1 25	0 49	16 7	13 5	13 24	19 3	6 48	6 38
M 8	5 53	19 15	4 8	12 23	1 26	9 11	1 22	24 0	2 10	8 54	0 55	16 44	1 11	21 18	0 9	1 53	1 25	0 49	16 8	13 5	13 25	19 4	6 49	6 38
T 9	5 30	19 10	3 22	11 50	1 32	8 43	1 23	24 6	2 9	8 49	0 55	16 45	1 11	21 18	0 9	1 54	1 25	0 48	16 8	13 4	13 26	19 4	6 50	6 38
W10	5 8	18 13	2 27	11 15	1 37	8 15	1 23	24 11	2 9	8 44	0 55	16 46	1 11	21 18	0 9	1 55	1 25	0 48	16 8	13 4	13 27	19 5	6 51	6 38
T 11	4 45	16 25	1 25	10 38	1 41	7 47	1 24	24 16	2 9	8 40	0 55	16 47	1 11	21 18	0 9	1 56	1 25	0 47	16 8	13 3	13 28	19 6	6 53	6 38
F 12	4 22	13 48	0 17	9 59	1 44	7 19	1 24	24 21	2 9	8 35	0 55	16 48	1 11	21 18	0 9	1 57	1 25	0 47	16 9	13 3	13 29	19 6	6 54	6 37
S 13	3 59	10 29	0n53	9 19	1 46	6 50	1 24	24 26	2 9	8 30	0 55	16 49	1 11	21 18	0 9	1 57	1 25	0 47	16 9	13 3	13 30	19 7	6 55	6 37
S 14	3 36	6 35	2 1	8 37	1 48	6 21	1 25	24 31	2 9	8 25	0 55	16 50	1 11	21 18	0 9	1 58	1 25	0 46	16 9	13 4	13 31	19 7	6 56	6 37
M15	3 14	2 17	3 5	7 53	1 48	5 52	1 25	24 35	2 8	8 20	0 55	16 51	1 11	21 18	0 9	1 59	1 25	0 46	16 9	13 5	13 32	19 8	6 57	6 37
T 16	2 50	2s13	3 59	7 9	1 48	5 23	1 25	24 40	2 8	8 15	0 55	16 52	1 11	21 18	0 9	2 0	1 25	0 45	16 10	13 6	13 33	19 9	6 58	6 36
W17	2 27	6 40	4 40	6 24	1 48	4 54	1 25	24 44	2 8	8 11	0 56	16 53	1 11	21 18	0 9	2 1	1 25	0 45	16 10	13 7	13 34	19 9	6 59	6 36
T 18	2 4	10 48	5 5	5 38	1 46	4 24	1 25	24 48	2 8	8 6	0 56	16 54	1 11	21 18	0 9	2 2	1 25	0 45	16 10	13 9	13 35	19 10	7 0	6 36
F 19	1 41	14 23	5 12	4 52	1 44	3 55	1 25	24 52	2 8	8 1	0 56	16 55	1 11	21 18	0 9	2 3	1 25	0 44	16 10	13 10	13 36	19 10	7 1	6 36
S 20	1 18	17 8	5 0	4 5	1 42	3 25	1 25	24 55	2 7	7 56	0 56	16 56	1 11	21 18	0 9	2 3	1 25	0 44	16 11	13 11	13 37	19 11	7 2	6 35
S 21	0 55	18 50	4 30	3 18	1 39	2 55	1 25	24 59	2 7	7 51	0 56	16 57	1 11	21 18	0 9	2 4	1 25	0 43	16 11	13 11	13 38	19 12	7 4	6 35
M22	0 31	19 22	3 43	2 30	1 35	2 25	1 24	25 2	2 7	7 46	0 56	16 57	1 11	21 18	0 9	2 5	1 25	0 43	16 11	13 11	13 39	19 12	7 5	6 35
T 23	0 8	18 41	2 43	1 43	1 31	1 56	1 24	25 5	2 7	7 42	0 56	16 58	1 11	21 18	0 9	2 6	1 25	0 43	16 11	13 10	13 40	19 13	7 6	6 34
W24	0s15	16 51	1 34	0 55	1 27	1 25	1 24	25 8	2 6	7 37	0 56	16 59	1 11	21 18	0 9	2 7	1 25	0 42	16 11	13 10	13 41	19 13	7 7	6 34
T 25	0 39	14 0	0 19	0 8	1 22	0 55	1 23	25 11	2 6	7 32	0 56	17 0	1 11	21 17	0 9	2 8	1 25	0 42	16 12	13 10	13 42	19 14	7 8	6 34
F 26	1 2	10 24	0s56	0s40	1 17	0 25	1 23	25 13	2 6	7 27	0 56	17 0	1 11	21 17	0 9	2 9	1 25	0 41	16 12	13 10	13 43	19 14	7 9	6 33
S 27	1 25	6 17	2 7	1 27	1 12	0s 5	1 22	25 16	2 5	7 23	0 56	17 1	1 11	21 17	0 9	2 10	1 25	0 41	16 12	13 10	13 45	19 15	7 10	6 33
S 28	1 49	1 55	3 9	2 14	1 6	0 35	1 21	25 18	2 5	7 18	0 57	17 2	1 11	21 17	0 9	2 10	1 25	0 40	16 12	13 12	13 46	19 16	7 11	6 33
M29	2 12	2n28	4 0	3 0	1 0	1 6	1 21	25 20	2 5	7 13	0 57	17 2	1 11	21 17	0 9	2 11	1 25	0 40	16 12	13 14	13 47	19 16	7 12	6 32
T 30	2s35	6n38	4s37	3s46	0n54	1s36	1n20	25s21	2s 5	7n 8	0n57	17s 3	1s11	21n17	0s 9	2s12	1n25	0n40	16s13	13n16	13n48	19n17	7s13	6n32

Julian Day Number = 2491964.5, Delta T = 98.35 sec
Ecliptic obliquity = 23°25'23, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°17'11, Lahiri = 25°24'12

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ASTRODIENST EPHEMERIS for the year 2110
geocentric

OCTOBER 2110 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 37 36	7♎30'09	11♉14	13♎23	8♎22	24♐32	14♍16	16°R19	6°R44	8♎52	14°R31	24°R36	23♌ 5	29♊40	24°R21	W 1
T 2	0 41 33	8°29'04	23°38	15° 5	9°36	25°13	14°29	16♒17	6♊43	8°54	14♉30	24♌29	23° 2	29°47	24♒19	T 2
F 3	0 45 29	9°28'01	5♊48	16°46	10°51	25°54	14°41	16°15	6°42	8°57	14°30	24°23	22°59	29°53	24°17	F 3
S 4	0 49 26	10°27'00	17°47	18°26	12° 6	26°35	14°53	16°13	6°41	8°59	14°29	24°18	22°56	29°59	24°16	S 4
S 5	0 53 22	11°26'01	29°40	20° 6	13°21	27°16	15° 6	16°12	6°40	9° 1	14°28	24°15	22°53	0♋ 7	24°14	S 5
M 6	0 57 19	12°25'05	11♋31	21°45	14°36	27°58	15°18	16°10	6°38	9° 3	14°27	24°D14	22°50	0°13	24°12	M 6
T 7	1 1 16	13°24'11	23°24	23°22	15°51	28°39	15°30	16° 9	6°37	9° 6	14°26	24°15	22°46	0°20	24°10	T 7
W 8	1 5 12	14°23'19	5♌26	24°59	17° 6	29°21	15°43	16° 7	6°36	9° 8	14°25	24°16	22°43	0°27	24° 9	W 8
T 9	1 9 9	15°22'29	17°40	26°36	18°21	0♏ 2	15°55	16° 6	6°35	9°10	14°24	24°17	22°40	0°33	24° 7	T 9
F 10	1 13 5	16°21'42	0♍13	28°11	19°36	0°44	16° 7	16° 5	6°33	9°12	14°23	24°R17	22°37	0°40	24° 6	F 10
S 11	1 17 2	17°20'57	13° 6	29°46	20°50	1°26	16°19	16° 4	6°32	9°15	14°22	24°15	22°34	0°47	24° 4	S 11
S 12	1 20 58	18°20'14	26°22	1♏20	22° 5	2° 8	16°31	16° 3	6°31	9°17	14°21	24°11	22°30	0°54	24° 3	S 12
M13	1 24 55	19°19'33	10♎ 2	2°53	23°20	2°50	16°43	16° 2	6°29	9°19	14°20	24° 5	22°27	1° 0	24° 1	M13
T 14	1 28 51	20°18'55	24° 3	4°26	24°35	3°33	16°55	16° 2	6°28	9°21	14°19	23°57	22°24	1° 7	24° 0	T 14
W15	1 32 48	21°18'18	8♏20	5°57	25°50	4°15	17° 7	16° 1	6°26	9°23	14°18	23°47	22°21	1°14	23°59	W15
T 16	1 36 44	22°17'43	22°48	7°28	27° 5	4°58	17°19	16° 0	6°25	9°26	14°17	23°38	22°18	1°20	23°58	T 16
F 17	1 40 41	23°17'11	7♐20	8°59	28°20	5°40	17°30	16° 0	6°23	9°28	14°16	23°30	22°15	1°27	23°57	F 17
S 18	1 44 38	24°16'40	21°50	10°28	29°35	6°23	17°42	16° 0	6°21	9°30	14°15	23°23	22°11	1°34	23°56	S 18
S 19	1 48 34	25°16'11	6♑13	11°57	0♏50	7° 6	17°54	15°59	6°20	9°32	14°14	23°20	22° 8	1°40	23°55	S 19
M20	1 52 31	26°15'43	20°25	13°26	2° 5	7°49	18° 5	15°59	6°18	9°34	14°13	23°D18	22° 5	1°47	23°54	M20
T 21	1 56 27	27°15'18	4♒25	14°53	3°20	8°32	18°17	15°D59	6°16	9°36	14°12	23°18	22° 2	1°54	23°53	T 21
W22	2 0 24	28°14'54	18°13	16°20	4°35	9°15	18°28	15°59	6°14	9°39	14°11	23°R19	21°59	2° 0	23°52	W22
T 23	2 4 20	29°14'31	1♓49	17°46	5°50	9°58	18°39	15°59	6°13	9°41	14°10	23°18	21°56	2° 7	23°51	T 23
F 24	2 8 17	0♏14'10	15°14	19°11	7° 5	10°42	18°51	16° 0	6°11	9°43	14° 8	23°16	21°52	2°14	23°51	F 24
S 25	2 12 13	1°13'52	28°28	20°36	8°20	11°25	19° 2	16° 0	6° 9	9°45	14° 7	23°12	21°49	2°21	23°50	S 25
S 26	2 16 10	2°13'34	11♈31	21°59	9°35	12° 9	19°13	16° 0	6° 7	9°47	14° 6	23° 4	21°46	2°27	23°49	S 26
M27	2 20 7	3°13'19	24°23	23°22	10°50	12°52	19°24	16° 1	6° 5	9°49	14° 5	22°54	21°43	2°34	23°49	M27
T 28	2 24 3	4°13'06	7♉ 3	24°44	12° 5	13°36	19°35	16° 2	6° 3	9°51	14° 4	22°42	21°40	2°41	23°48	T 28
W29	2 28 0	5°12'54	19°31	26° 5	13°20	14°20	19°46	16° 3	6° 1	9°53	14° 3	22°29	21°36	2°47	23°48	W29
T 30	2 31 56	6°12'45	1♊48	27°25	14°36	15° 4	19°57	16° 3	5°59	9°55	14° 2	22°16	21°33	2°54	23°48	T 30
F 31	2 35 53	7♏12'38	13♊53	28♏43	15♏51	15♑47	20♍ 7	16♒ 4	5♊57	9♎57	14♉ 1	22♌ 4	21♌30	3♋ 1	23♒48	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2s59	10n25	5s 0	4s32	0n48	2s 6	1n19	25s23	2s 4	7n 4	0n57	17s 4	1s11	21n17	0s 9	2s13	1n25	0n39	16s13	13n19	13n49	19n17	7s14	6n32
T 2	3 22	13 41	5 9	5 18	0 42	2 36	1 18	25 24	2 4	6 59	0 57	17 4	1 11	21 17	0 9	2 14	1 25	0 39	16 13	13 21	13 50	19 18	7 15	6 31
F 3	3 45	16 17	5 3	6 2	0 35	3 6	1 17	25 25	2 3	6 54	0 57	17 5	1 11	21 16	0 9	2 15	1 25	0 38	16 13	13 23	13 51	19 18	7 16	6 31
S 4	4 8	18 10	4 43	6 47	0 29	3 37	1 16	25 26	2 3	6 50	0 57	17 5	1 11	21 16	0 9	2 16	1 25	0 38	16 13	13 25	13 52	19 19	7 17	6 31
S 5	4 31	19 13	4 12	7 31	0 22	4 7	1 15	25 26	2 3	6 45	0 57	17 6	1 11	21 16	0 9	2 17	1 25	0 38	16 14	13 26	13 53	19 19	7 17	6 30
M 6	4 54	19 26	3 30	8 14	0 15	4 37	1 14	25 27	2 2	6 40	0 57	17 6	1 11	21 16	0 9	2 17	1 25	0 37	16 14	13 26	13 54	19 20	7 18	6 30
T 7	5 17	18 47	2 39	8 57	0 8	5 7	1 13	25 27	2 2	6 36	0 57	17 6	1 11	21 16	0 9	2 18	1 25	0 37	16 14	13 26	13 55	19 20	7 19	6 30
W 8	5 40	17 17	1 40	9 39	0 1	5 36	1 12	25 27	2 1	6 31	0 58	17 7	1 11	21 15	0 9	2 19	1 25	0 36	16 14	13 25	13 56	19 21	7 20	6 29
T 9	6 3	14 58	0 36	10 20	0s 6	6 6	1 10	25 26	2 1	6 26	0 58	17 7	1 10	21 15	0 9	2 20	1 25	0 36	16 14	13 25	13 57	19 21	7 21	6 29
F 10	6 26	11 53	0n32	11 1	0 13	6 36	1 9	25 26	2 1	6 22	0 58	17 8	1 10	21 15	0 9	2 21	1 25	0 36	16 14	13 25	13 58	19 22	7 22	6 28
S 11	6 48	8 10	1 39	11 41	0 20	7 5	1 8	25 25	2 0	6 17	0 58	17 8	1 10	21 15	0 9	2 22	1 25	0 35	16 14	13 26	13 59	19 22	7 23	6 28
S 12	7 11	3 56	2 43	12 21	0 27	7 35	1 6	25 24	2 0	6 13	0 58	17 8	1 10	21 15	0 9	2 23	1 25	0 35	16 15	13 27	14 0	19 23	7 24	6 28
M13	7 34	0s36	3 40	13 0	0 34	8 4	1 5	25 23	1 59	6 8	0 58	17 8	1 10	21 14	0 9	2 23	1 25	0 34	16 15	13 29	14 1	19 23	7 24	6 27
T 14	7 56	5 13	4 24	13 38	0 41	8 33	1 3	25 21	1 59	6 4	0 58	17 8	1 10	21 14	0 9	2 24	1 25	0 34	16 15	13 32	14 2	19 24	7 25	6 27
W15	8 18	9 38	4 54	14 15	0 48	9 1	1 1	25 19	1 58	5 59	0 58	17 9	1 10	21 14	0 9	2 25	1 25	0 34	16 15	13 35	14 3	19 24	7 26	6 26
T 16	8 40	13 33	5 4	14 51	0 55	9 30	1 0	25 17	1 58	5 55	0 59	17 9	1 10	21 13	0 9	2 26	1 25	0 33	16 15	13 38	14 4	19 25	7 27	6 26
F 17	9 2	16 39	4 56	15 27	1 1	9 58	0 58	25 15	1 57	5 50	0 59	17 9	1 10	21 13	0 8	2 27	1 25	0 33	16 15	13 41	14 5	19 25	7 27	6 26
S 18	9 24	18 43	4 28	16 2	1 8	10 27	0 56	25 13	1 57	5 46	0 59	17 9	1 10	21 13	0 8	2 28	1 25	0 32	16 15	13 43	14 6	19 26	7 28	6 25
S 19	9 46	19 33	3 44	16 36	1 15	10 54	0 54	25 10	1 56	5 41	0 59	17 9	1 10	21 13	0 8	2 28	1 25	0 32	16 15	13 44	14 7	19 26	7 29	6 25
M20	10 8	19 8	2 46	17 9	1 22	11 22	0 53	25 7	1 56	5 37	0 59	17 9	1 10	21 12	0 8	2 29	1 25	0 32	16 15	13 45	14 8	19 27	7 30	6 24
T 21	10 29	17 32	1 39	17 42	1 28	11 49	0 51	25 4	1 55	5 33	0 59	17 9	1 10	21 12	0 8	2 30	1 25	0 31	16 16	13 45	14 9	19 27	7 30	6 24
W22	10 51	14 56	0 27	18 13	1 34	12 17	0 49	25 0	1 55	5 28	0 59	17 9	1 10	21 12	0 8	2 31	1 25	0 31	16 16	13 44	14 10	19 28	7 31	6 23
T 23	11 12	11 31	0s45	18 44	1 41	12 43	0 47	24 57	1 54	5 24	1 0	17 9	1 10	21 11	0 8	2 32	1 25	0 31	16 16	13 44	14 11	19 28	7 32	6 23
F 24	11 33	7 34	1 54	19 13	1 47	13 10	0 45	24 53	1 54	5 20	1 0	17 9	1 10	21 11	0 8	2 33	1 25	0 30	16 16	13 45	14 12	19 29	7 32	6 23
S 25	11 54	3 17	2 55	19 42	1 53	13 36	0 43	24 49	1 53	5 15	1 0	17 8	1 10	21 11	0 8	2 33	1 25	0 30	16 16	13 47	14 13	19 29	7 33	6 22
S 26	12 14	1n 5	3 46	20 9	1 58	14 2	0 41	24 44	1 52	5 11	1 0	17 8	1 10	21 10	0 8	2 34	1 25	0 30	16 16	13 49	14 14	19 30	7 33	6 22
M27	12 35	5 20	4 25	20 36	2 4	14 27	0 39	24 39	1 52	5 7	1 0	17 8	1 10	21 10	0 8	2 35	1 25	0 29	16 16	13 52	14 16	19 30	7 34	6 21
T 28	12 55	9 17	4 50	21 1	2 9	14 53	0 36	24 34	1 51	5 3	1 0	17 8	1 10	21 10	0 8	2 36	1 25	0 29	16 16	13 56	14 17	19 31	7 35	6 21
W29	13 15	12 46	5 1	21 26	2 14	15 17	0 34	24 29	1 51	4 59	1 1	17 8	1 10	21 9	0 8	2 37	1 25	0 29	16 16	14 1	14 18	19 31	7 35	6 20
T 30	13 35	15 39	4 57	21 49	2 19	15 42	0 32	24 24	1 50	4 55	1 1	17 7	1 10	21 9	0 8	2 37	1 25	0 28	16 16	14 5	14 19	19 31	7 36	6 20
F 31	13s55	17n49	4s40	22s12	2s23	16s 6	0n30	24s18	1s49	4n51	1n 1	17s 7	1s10	21n 9	0s 8	2s38	1n25	0n28	16s16	14n 9	14n20	19n32	7s36	6n20

Julian Day Number = 2491994.5, Delta T = 98.39 sec
Ecliptic obliquity = 23°25'23, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°17'16, Lahiri = 25°24'16

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ASTRODIENST EPHEMERIS for the year 2110
geocentric

NOVEMBER 2110 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 39 49	8♏12'33	25♊50	0♐ 1	17♏ 6	16♑31	20♍18	16♒ 5	5°R54	9♎59	14°R 0	21°R55	21♌27	3♋ 7	23°R47	S 1
S 2	2 43 46	9°12'30	7♋40	1°17	18°21	17°15	20°29	16° 7	5♊52	10° 1	13♉59	21♌48	21°24	3°14	23♒47	S 2
M 3	2 47 42	10°12'29	19°29	2°32	19°36	18° 0	20°39	16° 8	5°50	10° 3	13°57	21°44	21°21	3°21	23°D47	M 3
T 4	2 51 39	11°12'30	1♌20	3°45	20°51	18°44	20°50	16° 9	5°48	10° 5	13°56	21°42	21°17	3°27	23°47	T 4
W 5	2 55 36	12°12'34	13°19	4°56	22° 6	19°28	21° 0	16°11	5°46	10° 7	13°55	21°D42	21°14	3°34	23°47	W 5
T 6	2 59 32	13°12'39	25°30	6° 5	23°21	20°12	21°10	16°12	5°43	10° 9	13°54	21°R42	21°11	3°41	23°47	T 6
F 7	3 3 29	14°12'47	8♍ 1	7°12	24°36	20°57	21°20	16°14	5°41	10°11	13°53	21°41	21° 8	3°47	23°48	F 7
S 8	3 7 25	15°12'56	20°55	8°17	25°51	21°41	21°30	16°16	5°39	10°13	13°52	21°38	21° 5	3°54	23°48	S 8
S 9	3 11 22	16°13'08	4♎16	9°19	27° 6	22°26	21°40	16°18	5°37	10°15	13°51	21°33	21° 1	4° 1	23°48	S 9
M10	3 15 18	17°13'21	18° 5	10°18	28°21	23°11	21°50	16°20	5°34	10°17	13°50	21°25	20°58	4° 8	23°49	M10
T 11	3 19 15	18°13'37	2♏21	11°14	29°36	23°55	22° 0	16°22	5°32	10°19	13°48	21°15	20°55	4°14	23°49	T 11
W12	3 23 11	19°13'54	16°59	12° 5	0♐51	24°40	22° 9	16°24	5°29	10°21	13°47	21° 3	20°52	4°21	23°50	W12
T 13	3 27 8	20°14'13	1♐52	12°53	2° 6	25°25	22°19	16°26	5°27	10°22	13°46	20°51	20°49	4°28	23°50	T 13
F 14	3 31 5	21°14'34	16°51	13°35	3°22	26°10	22°28	16°29	5°25	10°24	13°45	20°40	20°46	4°34	23°51	F 14
S 15	3 35 1	22°14'57	1♑45	14°13	4°37	26°55	22°38	16°31	5°22	10°26	13°44	20°32	20°42	4°41	23°52	S 15
S 16	3 38 58	23°15'21	16°28	14°44	5°52	27°40	22°47	16°34	5°20	10°28	13°43	20°26	20°39	4°48	23°52	S 16
M17	3 42 54	24°15'46	0♒54	15° 8	7° 7	28°25	22°56	16°36	5°17	10°30	13°42	20°23	20°36	4°54	23°53	M17
T 18	3 46 51	25°16'13	15° 0	15°25	8°22	29°10	23° 5	16°39	5°15	10°31	13°41	20°22	20°33	5° 1	23°54	T 18
W19	3 50 47	26°16'40	28°46	15°R34	9°37	29°55	23°14	16°42	5°12	10°33	13°39	20°22	20°30	5° 8	23°55	W19
T 20	3 54 44	27°17'09	12♓14	15°34	10°52	0♒40	23°23	16°45	5°10	10°35	13°38	20°22	20°27	5°14	23°56	T 20
F 21	3 58 40	28°17'40	25°24	15°24	12° 7	1°26	23°31	16°48	5° 7	10°36	13°37	20°19	20°23	5°21	23°57	F 21
S 22	4 2 37	29°18'11	8♈20	15° 4	13°22	2°11	23°40	16°51	5° 5	10°38	13°36	20°14	20°20	5°28	23°58	S 22
S 23	4 6 34	0♐18'44	21° 4	14°34	14°37	2°56	23°48	16°54	5° 2	10°40	13°35	20° 6	20°17	5°34	24° 0	S 23
M24	4 10 30	1°19'18	3♉38	13°53	15°52	3°42	23°56	16°58	5° 0	10°41	13°34	19°55	20°14	5°41	24° 1	M24
T 25	4 14 27	2°19'54	16° 1	13° 1	17° 7	4°27	24° 4	17° 1	4°57	10°43	13°33	19°42	20°11	5°48	24° 2	T 25
W26	4 18 23	3°20'30	28°16	12° 1	18°23	5°13	24°12	17° 5	4°55	10°44	13°32	19°28	20° 7	5°54	24° 4	W26
T 27	4 22 20	4°21'09	10♊22	10°51	19°38	5°58	24°20	17° 8	4°52	10°46	13°31	19°14	20° 4	6° 1	24° 5	T 27
F 28	4 26 16	5°21'48	22°21	9°35	20°53	6°44	24°28	17°12	4°50	10°47	13°30	19° 2	20° 1	6° 8	24° 7	F 28
S 29	4 30 13	6°22'30	4♋13	8°15	22° 8	7°29	24°36	17°16	4°47	10°49	13°29	18°51	19°58	6°15	24° 8	S 29
S 30	4 34 9	7♐23'12	16♋ 2	6♐52	23♐23	8♒15	24♍43	17♒19	4♊45	10♎50	13♉28	18♌44	19♌55	6♋21	24♒10	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s14	19n11	4s11	22s33	2s28	16s29	0n28	24s12	1s49	4n47	1n 1	17s 7	1s10	21n 8	0s 8	2s39	1n25	0n28	16s16	14n12	14n21	19n32	7s37	6n19
S 2	14 33	19 42	3 31	22 52	2 32	16 52	0 25	24 6	1 48	4 43	1 1	17 6	1 10	21 8	0 8	2 40	1 25	0 27	16 16	14 14	14 22	19 33	7 37	6 19
M 3	14 52	19 20	2 42	23 11	2 35	17 15	0 23	23 59	1 48	4 39	1 1	17 6	1 9	21 8	0 8	2 40	1 25	0 27	16 16	14 15	14 23	19 33	7 37	6 18
T 4	15 11	18 8	1 46	23 28	2 38	17 37	0 21	23 53	1 47	4 35	1 2	17 5	1 9	21 7	0 8	2 41	1 25	0 27	16 16	14 16	14 24	19 34	7 38	6 18
W 5	15 29	16 6	0 44	23 44	2 41	17 59	0 18	23 46	1 46	4 31	1 2	17 5	1 9	21 7	0 8	2 42	1 25	0 26	16 16	14 16	14 25	19 34	7 38	6 17
T 6	15 48	13 20	0n20	23 59	2 43	18 20	0 16	23 39	1 46	4 27	1 2	17 4	1 9	21 6	0 8	2 43	1 25	0 26	16 16	14 16	14 26	19 34	7 39	6 17
F 7	16 6	9 53	1 25	24 12	2 45	18 41	0 13	23 31	1 45	4 23	1 2	17 4	1 9	21 6	0 8	2 43	1 25	0 26	16 16	14 16	14 27	19 35	7 39	6 16
S 8	16 23	5 52	2 28	24 24	2 46	19 2	0 11	23 24	1 44	4 19	1 2	17 3	1 9	21 6	0 8	2 44	1 25	0 25	16 16	14 17	14 28	19 35	7 39	6 16
S 9	16 41	1 26	3 25	24 35	2 47	19 21	0 9	23 16	1 44	4 16	1 2	17 2	1 9	21 5	0 8	2 45	1 25	0 25	16 16	14 19	14 29	19 36	7 40	6 16
M10	16 58	3s13	4 12	24 44	2 47	19 41	0 6	23 7	1 43	4 12	1 3	17 2	1 9	21 5	0 8	2 45	1 25	0 25	16 16	14 21	14 30	19 36	7 40	6 15
T 11	17 15	7 50	4 44	24 51	2 46	19 59	0 4	22 59	1 42	4 8	1 3	17 1	1 9	21 4	0 8	2 46	1 26	0 25	16 16	14 25	14 31	19 37	7 40	6 15
W12	17 31	12 6	4 59	24 56	2 44	20 18	0 1	22 50	1 41	4 5	1 3	17 0	1 9	21 4	0 8	2 47	1 26	0 24	16 16	14 28	14 32	19 37	7 41	6 14
T 13	17 48	15 42	4 55	25 0	2 42	20 35	0s 1	22 42	1 41	4 1	1 3	17 0	1 9	21 4	0 8	2 48	1 26	0 24	16 16	14 32	14 33	19 37	7 41	6 14
F 14	18 3	18 18	4 30	25 2	2 39	20 52	0 4	22 32	1 40	3 57	1 3	16 59	1 9	21 3	0 8	2 48	1 26	0 24	16 16	14 36	14 34	19 38	7 41	6 13
S 15	18 19	19 38	3 47	25 3	2 34	21 9	0 6	22 23	1 39	3 54	1 4	16 58	1 9	21 3	0 8	2 49	1 26	0 24	16 16	14 38	14 35	19 38	7 41	6 13
S 16	18 34	19 37	2 49	25 1	2 29	21 25	0 9	22 14	1 39	3 50	1 4	16 57	1 9	21 2	0 8	2 50	1 26	0 23	16 16	14 40	14 36	19 38	7 41	6 12
M17	18 49	18 18	1 41	24 57	2 22	21 40	0 11	22 4	1 38	3 47	1 4	16 57	1 9	21 2	0 8	2 50	1 26	0 23	16 16	14 41	14 37	19 39	7 41	6 12
T 18	19 4	15 52	0 28	24 51	2 14	21 54	0 13	21 54	1 37	3 44	1 4	16 56	1 9	21 2	0 8	2 51	1 26	0 23	16 15	14 41	14 38	19 39	7 42	6 12
W19	19 18	12 35	0s44	24 43	2 5	22 8	0 16	21 43	1 36	3 40	1 4	16 55	1 9	21 1	0 8	2 51	1 26	0 23	16 15	14 41	14 39	19 40	7 42	6 11
T 20	19 32	8 42	1 53	24 32	1 54	22 22	0 18	21 33	1 36	3 37	1 5	16 54	1 9	21 1	0 8	2 52	1 26	0 22	16 15	14 41	14 40	19 40	7 42	6 11
F 21	19 46	4 29	2 54	24 19	1 42	22 34	0 21	21 22	1 35	3 34	1 5	16 53	1 9	21 0	0 8	2 53	1 26	0 22	16 15	14 42	14 41	19 40	7 42	6 10
S 22	19 59	0 8	3 45	24 3	1 28	22 46	0 23	21 11	1 34	3 31	1 5	16 52	1 9	21 0	0 8	2 53	1 26	0 22	16 15	14 44	14 42	19 41	7 42	6 10
S 23	20 12	4n 9	4 23	23 44	1 13	22 58	0 26	21 0	1 33	3 28	1 5	16 51	1 9	20 59	0 8	2 54	1 26	0 22	16 15	14 46	14 43	19 41	7 42	6 9
M24	20 25	8 11	4 49	23 23	0 56	23 9	0 28	20 49	1 33	3 24	1 5	16 50	1 9	20 59	0 8	2 54	1 26	0 22	16 15	14 50	14 44	19 41	7 42	6 9
T 25	20 37	11 50	5 0	22 58	0 38	23 18	0 31	20 37	1 32	3 21	1 6	16 49	1 8	20 58	0 8	2 55	1 26	0 22	16 15	14 54	14 45	19 42	7 42	6 8
W26	20 49	14 56	4 57	22 31	0 19	23 28	0 33	20 26	1 31	3 18	1 6	16 48	1 8	20 58	0 8	2 56	1 26	0 21	16 15	14 58	14 46	19 42	7 42	6 8
T 27	21 0	17 21	4 41	22 2	0n 1	23 36	0 35	20 14	1 30	3 16	1 6	16 46	1 8	20 58	0 8	2 56	1 26	0 21	16 14	15 3	14 47	19 42	7 42	6 8
F 28	21 11	19 1	4 12	21 31	0 22	23 44	0 38	20 1	1 30	3 13	1 6	16 45	1 8	20 57	0 8	2 57	1 26	0 21	16 14	15 6	14 48	19 43	7 42	6 7
S 29	21 21	19 49	3 32	20 58	0 42	23 51	0 40	19 49	1 29	3 10	1 7	16 44	1 8	20 57	0 8	2 57	1 26	0 21	16 14	15 10	14 49	19 43	7 42	6 7
S 30	21s32	19n45	2s44	20s25	1n 2	23s58	0s42	19s36	1s28	3n 7	1n 7	16s43	1s 8	20n56	0s 8	2s58	1n26	0n21	16s14	15n12	14n50	19n43	7s41	6n 6

Julian Day Number = 2492025.5, Delta T = 98.43 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°17'20, Lahiri = 25°24'20

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ASTRODIENST EPHEMERIS for the year 2110
geocentric

DECEMBER 2110 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 38 6	8♐23'56	27♋50	5°R31	24♐38	9♒ 0	24♍51	17♒23	4°R42	10♎51	13°R27	18°R39	19♌52	6♋28	24♒12	M 1
T 2	4 42 3	9°24'42	9♌40	4♐13	25°53	9°46	24°58	17°27	4♊40	10°53	13♉26	18♌37	19°48	6°35	24°13	T 2
W 3	4 45 59	10°25'28	21°37	3° 1	27° 8	10°32	25° 5	17°32	4°37	10°54	13°25	18°D37	19°45	6°41	24°15	W 3
T 4	4 49 56	11°26'17	3♍46	1°58	28°23	11°18	25°12	17°36	4°35	10°55	13°24	18°37	19°42	6°48	24°17	T 4
F 5	4 53 52	12°27'07	16°12	1° 4	29°38	12° 3	25°19	17°40	4°32	10°57	13°23	18°R37	19°39	6°55	24°19	F 5
S 6	4 57 49	13°27'58	29° 1	0°21	0♑53	12°49	25°25	17°44	4°30	10°58	13°22	18°36	19°36	7° 1	24°21	S 6
S 7	5 1 45	14°28'50	12♎16	29♏50	2° 8	13°35	25°32	17°49	4°27	10°59	13°21	18°33	19°33	7° 8	24°23	S 7
M 8	5 5 42	15°29'44	26° 1	29°30	3°23	14°21	25°38	17°53	4°25	11° 0	13°20	18°27	19°29	7°15	24°25	M 8
T 9	5 9 38	16°30'39	10♏17	29°D22	4°38	15° 7	25°44	17°58	4°22	11° 2	13°19	18°19	19°26	7°21	24°27	T 9
W10	5 13 35	17°31'36	24°59	29°24	5°53	15°53	25°50	18° 2	4°20	11° 3	13°18	18° 9	19°23	7°28	24°30	W10
T 11	5 17 32	18°32'33	10♐ 2	29°36	7° 8	16°39	25°56	18° 7	4°17	11° 4	13°17	18° 0	19°20	7°35	24°32	T 11
F 12	5 21 28	19°33'32	25°16	29°57	8°23	17°25	26° 2	18°12	4°15	11° 5	13°16	17°51	19°17	7°41	24°34	F 12
S 13	5 25 25	20°34'32	10♑30	0♐26	9°38	18°11	26° 8	18°17	4°13	11° 6	13°16	17°44	19°13	7°48	24°37	S 13
S 14	5 29 21	21°35'32	25°34	1° 2	10°53	18°57	26°13	18°22	4°10	11° 7	13°15	17°39	19°10	7°55	24°39	S 14
M15	5 33 18	22°36'33	10♒20	1°45	12° 8	19°43	26°18	18°27	4° 8	11° 8	13°14	17°37	19° 7	8° 1	24°41	M15
T 16	5 37 14	23°37'34	24°41	2°34	13°23	20°29	26°23	18°32	4° 6	11° 9	13°13	17°D37	19° 4	8° 8	24°44	T 16
W17	5 41 11	24°38'36	8♓38	3°28	14°38	21°15	26°28	18°37	4° 3	11°10	13°12	17°38	19° 1	8°15	24°47	W17
T 18	5 45 7	25°39'38	22° 9	4°27	15°53	22° 1	26°33	18°42	4° 1	11°11	13°11	17°R39	18°58	8°21	24°49	T 18
F 19	5 49 4	26°40'41	5♈18	5°29	17° 8	22°47	26°38	18°48	3°59	11°12	13°11	17°38	18°54	8°28	24°52	F 19
S 20	5 53 1	27°41'44	18° 8	6°35	18°23	23°33	26°42	18°53	3°56	11°12	13°10	17°36	18°51	8°35	24°55	S 20
S 21	5 56 57	28°42'47	0♉42	7°44	19°38	24°19	26°46	18°58	3°54	11°13	13° 9	17°32	18°48	8°42	24°57	S 21
M22	6 0 54	29°43'51	13° 2	8°56	20°53	25° 5	26°51	19° 4	3°52	11°14	13° 8	17°25	18°45	8°48	25° 0	M22
T 23	6 4 50	0♑44'55	25°13	10°10	22° 8	25°51	26°54	19° 9	3°50	11°15	13° 8	17°17	18°42	8°55	25° 3	T 23
W24	6 8 47	1°46'00	7♊16	11°26	23°23	26°38	26°58	19°15	3°48	11°15	13° 7	17° 8	18°39	9° 2	25° 6	W24
T 25	6 12 43	2°47'05	19°13	12°44	24°38	27°24	27° 2	19°21	3°45	11°16	13° 6	16°59	18°35	9° 8	25° 9	T 25
F 26	6 16 40	3°48'10	1♋ 6	14° 3	25°53	28°10	27° 5	19°26	3°43	11°17	13° 6	16°50	18°32	9°15	25°12	F 26
S 27	6 20 37	4°49'16	12°56	15°24	27° 8	28°56	27° 8	19°32	3°41	11°17	13° 5	16°44	18°29	9°22	25°15	S 27
S 28	6 24 33	5°50'22	24°45	16°45	28°23	29°42	27°11	19°38	3°39	11°18	13° 4	16°39	18°26	9°28	25°18	S 28
M29	6 28 30	6°51'29	6♌35	18° 8	29°38	0♓28	27°14	19°44	3°37	11°18	13° 4	16°37	18°23	9°35	25°21	M29
T 30	6 32 26	7°52'36	18°29	19°32	0♒52	1°14	27°17	19°50	3°35	11°19	13° 3	16°D36	18°19	9°42	25°25	T 30
W31	6 36 23	8♑53'43	0♍29	20♐57	2♒ 7	2♓ 0	27♍19	19♒56	3♊33	11♎19	13♉ 3	16♌37	18♌16	9♋48	25♒28	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s41	18n49	1s48	19s53	1n21	24s 4	0s45	19s24	1s27	3n 4	1n 7	16s42	1s 8	20n56	0s 8	2s58	1n26	0n21	16s14	15n14	14n51	19n44	7s41	6n 6
T 2	21 51	17 3	0 47	19 22	1 38	24 8	0 47	19 11	1 26	3 2	1 7	16 40	1 8	20 55	0 8	2 59	1 26	0 21	16 14	15 14	14 52	19 44	7 41	6 6
W 3	22 0	14 33	0n16	18 53	1 54	24 13	0 49	18 57	1 26	2 59	1 7	16 39	1 8	20 55	0 8	2 59	1 26	0 20	16 13	15 14	14 53	19 44	7 41	6 5
T 4	22 8	11 22	1 20	18 27	2 7	24 16	0 51	18 44	1 25	2 57	1 8	16 38	1 8	20 54	0 8	3 0	1 26	0 20	16 13	15 14	14 54	19 45	7 41	6 5
F 5	22 16	7 37	2 22	18 6	2 19	24 19	0 54	18 31	1 24	2 54	1 8	16 37	1 8	20 54	0 8	3 0	1 27	0 20	16 13	15 14	14 55	19 45	7 40	6 4
S 6	22 24	3 25	3 18	17 48	2 28	24 21	0 56	18 17	1 23	2 52	1 8	16 35	1 8	20 54	0 8	3 1	1 27	0 20	16 13	15 14	14 56	19 45	7 40	6 4
S 7	22 31	1s 4	4 6	17 35	2 35	24 22	0 58	18 3	1 22	2 49	1 8	16 34	1 8	20 53	0 8	3 1	1 27	0 20	16 13	15 16	14 57	19 46	7 40	6 3
M 8	22 38	5 40	4 42	17 26	2 40	24 23	1 0	17 49	1 21	2 47	1 9	16 32	1 8	20 53	0 8	3 1	1 27	0 20	16 13	15 17	14 58	19 46	7 40	6 3
T 9	22 44	10 7	5 1	17 21	2 43	24 23	1 2	17 35	1 21	2 45	1 9	16 31	1 8	20 52	0 8	3 2	1 27	0 20	16 12	15 20	14 59	19 46	7 39	6 3
W10	22 50	14 7	5 2	17 20	2 44	24 22	1 4	17 20	1 20	2 43	1 9	16 29	1 8	20 52	0 8	3 2	1 27	0 20	16 12	15 23	15 0	19 47	7 39	6 2
T 11	22 56	17 17	4 42	17 23	2 44	24 20	1 6	17 6	1 19	2 41	1 9	16 28	1 8	20 51	0 8	3 3	1 27	0 20	16 12	15 26	15 1	19 47	7 38	6 2
F 12	23 1	19 18	4 2	17 29	2 42	24 17	1 8	16 51	1 18	2 38	1 10	16 26	1 8	20 51	0 8	3 3	1 27	0 20	16 12	15 28	15 2	19 47	7 38	6 2
S 13	23 5	19 56	3 5	17 38	2 39	24 14	1 10	16 36	1 17	2 36	1 10	16 25	1 8	20 50	0 8	3 3	1 27	0 20	16 11	15 31	15 3	19 47	7 38	6 1
S 14	23 9	19 7	1 55	17 49	2 35	24 10	1 12	16 21	1 16	2 35	1 10	16 23	1 8	20 50	0 8	3 4	1 27	0 20	16 11	15 32	15 4	19 48	7 37	6 1
M15	23 13	17 1	0 39	18 2	2 31	24 5	1 14	16 5	1 16	2 33	1 10	16 22	1 8	20 50	0 8	3 4	1 27	0 20	16 11	15 33	15 5	19 48	7 37	6 0
T 16	23 16	13 53	0s38	18 17	2 25	24 0	1 15	15 50	1 15	2 31	1 11	16 20	1 8	20 49	0 8	3 4	1 27	0 20	16 11	15 33	15 6	19 48	7 36	6 0
W17	23 19	10 2	1 51	18 33	2 19	23 54	1 17	15 35	1 14	2 29	1 11	16 19	1 8	20 49	0 8	3 5	1 27	0 20	16 10	15 32	15 7	19 48	7 36	6 0
T 18	23 21	5 47	2 55	18 50	2 13	23 47	1 19	15 19	1 13	2 28	1 11	16 17	1 8	20 48	0 8	3 5	1 27	0 20	16 10	15 32	15 8	19 49	7 35	5 59
F 19	23 23	1 23	3 48	19 8	2 6	23 39	1 20	15 3	1 12	2 26	1 11	16 15	1 8	20 48	0 8	3 5	1 27	0 20	16 10	15 32	15 9	19 49	7 35	5 59
S 20	23 24	2n58	4 28	19 26	1 59	23 31	1 22	14 47	1 11	2 24	1 12	16 14	1 8	20 48	0 8	3 5	1 27	0 20	16 10	15 33	15 10	19 49	7 34	5 59
S 21	23 25	7 6	4 55	19 45	1 52	23 22	1 23	14 31	1 11	2 23	1 12	16 12	1 8	20 47	0 8	3 6	1 27	0 20	16 9	15 34	15 11	19 49	7 34	5 58
M22	23 25	10 52	5 7	20 4	1 44	23 12	1 25	14 15	1 10	2 22	1 12	16 10	1 8	20 47	0 8	3 6	1 27	0 20	16 9	15 36	15 12	19 50	7 33	5 58
T 23	23 25	14 7	5 5	20 22	1 36	23 1	1 26	13 58	1 9	2 20	1 13	16 8	1 8	20 46	0 8	3 6	1 27	0 20	16 9	15 39	15 13	19 50	7 32	5 58
W24	23 25	16 45	4 49	20 41	1 28	22 50	1 27	13 42	1 8	2 19	1 13	16 7	1 8	20 46	0 8	3 6	1 28	0 20	16 9	15 41	15 14	19 50	7 32	5 57
T 25	23 24	18 39	4 21	20 59	1 20	22 38	1 29	13 25	1 7	2 18	1 13	16 5	1 8	20 46	0 8	3 7	1 28	0 20	16 8	15 44	15 15	19 50	7 31	5 57
F 26	23 22	19 44	3 41	21 17	1 12	22 26	1 30	13 8	1 6	2 17	1 13	16 3	1 8	20 45	0 8	3 7	1 28	0 20	16 8	15 47	15 16	19 51	7 30	5 56
S 27	23 20	19 56	2 52	21 34	1 4	22 12	1 31	12 51	1 5	2 16	1 14	16 1	1 8	20 45	0 8	3 7	1 28	0 20	16 8	15 49	15 17	19 51	7 30	5 56
S 28	23 18	19 16	1 56	21 50	0 56	21 59	1 32	12 34	1 4	2 15	1 14	15 59	1 8	20 44	0 8	3 7	1 28	0 20	16 8	15 50	15 18	19 51	7 29	5 56
M29	23 15	17 44	0 54	22 6	0 48	21 44	1 33	12 17	1 4	2 14	1 14	15 57	1 8	20 44	0 8	3 7	1 28	0 20	16 7	15 51	15 19	19 51	7 28	5 56
T 30	23 11	15 26	0n10	22 21	0 40	21 29	1 34	12 0	1 3	2 13	1 14	15 56	1 8	20 44	0 8	3 8	1 28	0 21	16 7	15 51	15 20	19 52	7 28	5 55
W31	23s 7	12n28	1n15	22s35	0n32	21s13	1s35	11s43	1s 2	2n12	1n15	15s54	1s 8	20n43	0s 8	3s 8	1n28	0n21	16s 7	15n51	15n21	19n52	7s27	5n55

Julian Day Number = 2492055.5, Delta T = 98.47 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°17'24, Lahiri = 25°24'24

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ASTRODIENST EPHEMERIS for the year 2111
geocentric

JANUARY 2111 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 40 19	9♑54'51	12♍40	22♐23	3♒22	2♓47	27♍22	20♒ 2	3°R31	11♎20	13°R 2	16♌39	18♌13	9♋55	25♒31	T 1
F 2	6 44 16	10°55'59	25° 6	23°49	4°37	3°33	27°24	20° 8	3♊30	11°20	13♉ 1	16°40	18°10	10° 2	25°34	F 2
S 3	6 48 12	11°57'08	7♎51	25°16	5°52	4°19	27°26	20°14	3°28	11°21	13° 1	16°R41	18° 7	10° 8	25°38	S 3
S 4	6 52 9	12°58'17	21° 0	26°44	7° 6	5° 5	27°28	20°20	3°26	11°21	13° 0	16°41	18° 4	10°15	25°41	S 4
M 5	6 56 6	13°59'26	4♏35	28°12	8°21	5°51	27°29	20°27	3°24	11°21	13° 0	16°39	18° 0	10°22	25°45	M 5
T 6	7 0 2	15° 0'36	18°38	29°41	9°36	6°37	27°30	20°33	3°23	11°21	12°59	16°36	17°57	10°28	25°48	T 6
W 7	7 3 59	16° 1'46	3♐ 8	1♑10	10°51	7°23	27°32	20°39	3°21	11°22	12°59	16°32	17°54	10°35	25°52	W 7
T 8	7 7 55	17° 2'57	18° 2	2°40	12° 5	8° 9	27°33	20°46	3°19	11°22	12°59	16°27	17°51	10°42	25°55	T 8
F 9	7 11 52	18° 4'07	3♑11	4°10	13°20	8°56	27°33	20°52	3°18	11°22	12°58	16°23	17°48	10°48	25°59	F 9
S 10	7 15 48	19° 5'18	18°27	5°41	14°35	9°42	27°34	20°59	3°16	11°22	12°58	16°20	17°45	10°55	26° 2	S 10
S 11	7 19 45	20° 6'28	3♒39	7°12	15°49	10°28	27°34	21° 5	3°15	11°22	12°57	16°18	17°41	11° 2	26° 6	S 11
M12	7 23 41	21° 7'38	18°38	8°43	17° 4	11°14	27°35	21°12	3°13	11°22	12°57	16°D18	17°38	11° 8	26°10	M12
T 13	7 27 38	22° 8'47	3♓15	10°15	18°19	12° 0	27°R35	21°19	3°12	11°R22	12°57	16°18	17°35	11°15	26°13	T 13
W14	7 31 35	23° 9'56	17°26	11°48	19°33	12°46	27°34	21°25	3°10	11°22	12°57	16°20	17°32	11°22	26°17	W14
T 15	7 35 31	24°11'05	1♈10	13°21	20°48	13°32	27°34	21°32	3° 9	11°22	12°56	16°21	17°29	11°28	26°21	T 15
F 16	7 39 28	25°12'12	14°27	14°54	22° 2	14°18	27°33	21°39	3° 8	11°22	12°56	16°23	17°25	11°35	26°25	F 16
S 17	7 43 24	26°13'19	27°20	16°28	23°17	15° 4	27°33	21°45	3° 6	11°22	12°56	16°R23	17°22	11°42	26°29	S 17
S 18	7 47 21	27°14'26	9♉54	18° 2	24°31	15°50	27°32	21°52	3° 5	11°22	12°56	16°22	17°19	11°48	26°32	S 18
M19	7 51 17	28°15'32	22°10	19°37	25°46	16°36	27°31	21°59	3° 4	11°22	12°55	16°21	17°16	11°55	26°36	M19
T 20	7 55 14	29°16'37	4♊15	21°13	27° 0	17°22	27°29	22° 6	3° 3	11°21	12°55	16°19	17°13	12° 2	26°40	T 20
W21	7 59 10	0♒17'41	16°11	22°49	28°14	18° 8	27°28	22°13	3° 2	11°21	12°55	16°16	17°10	12° 8	26°44	W21
T 22	8 3 7	1°18'44	28° 2	24°25	29°29	18°54	27°26	22°20	3° 1	11°21	12°55	16°14	17° 6	12°15	26°48	T 22
F 23	8 7 4	2°19'47	9♋51	26° 2	0♓43	19°40	27°24	22°27	3° 0	11°20	12°55	16°11	17° 3	12°22	26°52	F 23
S 24	8 11 0	3°20'49	21°41	27°39	1°57	20°25	27°22	22°34	2°59	11°20	12°55	16°10	17° 0	12°28	26°56	S 24
S 25	8 14 57	4°21'51	3♌33	29°17	3°11	21°11	27°20	22°40	2°58	11°20	12°55	16° 8	16°57	12°35	27° 0	S 25
M26	8 18 53	5°22'51	15°30	0♒56	4°26	21°57	27°17	22°48	2°57	11°19	12°55	16°D 8	16°54	12°42	27° 4	M26
T 27	8 22 50	6°23'51	27°33	2°35	5°40	22°43	27°15	22°55	2°57	11°19	12°D55	16° 8	16°51	12°48	27° 8	T 27
W28	8 26 46	7°24'50	9♍44	4°15	6°54	23°29	27°12	23° 2	2°56	11°18	12°55	16° 9	16°47	12°55	27°12	W28
T 29	8 30 43	8°25'48	22° 6	5°56	8° 8	24°14	27° 9	23° 9	2°55	11°18	12°55	16°10	16°44	13° 2	27°16	T 29
F 30	8 34 39	9°26'46	4♎41	7°37	9°22	25° 0	27° 5	23°16	2°55	11°17	12°55	16°11	16°41	13° 8	27°20	F 30
S 31	8 38 36	10♒27'43	17♎32	9♒19	10♓36	25♓46	27♍ 2	23♒23	2♊54	11♎17	12♉55	16♌11	16♌38	13♋15	27♒24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 3	8n55	2n18	22s48	0n24	20s57	1s36	11s25	1s 1	2n12	1n15	15s52	1s 8	20n43	0s 8	3s 8	1n28	0n21	16s 6	15n50	15n22	19n52	7s26	5n55
F 2	22 58	4 56	3 15	23 0	0 16	20 40	1 37	11 8	1 0	2 11	1 15	15 50	1 8	20 43	0 8	3 8	1 28	0 21	16 6	15 50	15 22	19 52	7 25	5 54
S 3	22 53	0 38	4 4	23 12	0 9	20 22	1 37	10 50	0 59	2 11	1 16	15 48	1 8	20 42	0 8	3 8	1 28	0 21	16 6	15 49	15 23	19 52	7 24	5 54
S 4	22 47	3s49	4 42	23 22	0 1	20 4	1 38	10 33	0 58	2 10	1 16	15 46	1 8	20 42	0 8	3 8	1 28	0 21	16 5	15 50	15 24	19 53	7 23	5 54
M 5	22 41	8 14	5 6	23 31	0s 6	19 45	1 38	10 15	0 57	2 10	1 16	15 44	1 8	20 42	0 8	3 8	1 28	0 21	16 5	15 50	15 25	19 53	7 23	5 53
T 6	22 35	12 20	5 13	23 39	0 13	19 25	1 39	9 57	0 57	2 10	1 16	15 42	1 8	20 41	0 8	3 8	1 28	0 22	16 5	15 51	15 26	19 53	7 22	5 53
W 7	22 28	15 52	5 0	23 46	0 21	19 6	1 39	9 39	0 56	2 9	1 17	15 40	1 8	20 41	0 8	3 8	1 28	0 22	16 5	15 52	15 27	19 53	7 21	5 53
T 8	22 20	18 27	4 27	23 51	0 28	18 45	1 40	9 21	0 55	2 9	1 17	15 38	1 8	20 41	0 8	3 8	1 28	0 22	16 4	15 54	15 28	19 53	7 20	5 53
F 9	22 12	19 48	3 35	23 56	0 34	18 24	1 40	9 3	0 54	2 9	1 17	15 36	1 8	20 40	0 8	3 8	1 28	0 22	16 4	15 55	15 29	19 54	7 19	5 52
S 10	22 4	19 43	2 27	23 59	0 41	18 3	1 40	8 45	0 53	2 9	1 18	15 34	1 8	20 40	0 8	3 8	1 28	0 22	16 4	15 56	15 30	19 54	7 18	5 52
S 11	21 55	18 12	1 9	24 1	0 47	17 41	1 40	8 27	0 52	2 9	1 18	15 32	1 8	20 40	0 8	3 8	1 29	0 23	16 3	15 56	15 31	19 54	7 17	5 52
M12	21 46	15 26	0s13	24 2	0 54	17 18	1 40	8 8	0 51	2 9	1 18	15 29	1 8	20 40	0 8	3 8	1 29	0 23	16 3	15 56	15 32	19 54	7 16	5 52
T 13	21 36	11 44	1 32	24 1	1 0	16 55	1 40	7 50	0 50	2 10	1 18	15 27	1 8	20 39	0 8	3 8	1 29	0 23	16 3	15 56	15 33	19 54	7 15	5 51
W14	21 26	7 28	2 43	23 59	1 6	16 32	1 40	7 32	0 49	2 10	1 19	15 25	1 8	20 39	0 8	3 8	1 29	0 23	16 2	15 56	15 34	19 54	7 14	5 51
T 15	21 16	2 57	3 43	23 56	1 11	16 8	1 40	7 13	0 49	2 10	1 19	15 23	1 8	20 39	0 8	3 8	1 29	0 24	16 2	15 55	15 35	19 55	7 13	5 51
F 16	21 5	1n34	4 28	23 52	1 17	15 44	1 40	6 55	0 48	2 11	1 19	15 21	1 8	20 39	0 8	3 8	1 29	0 24	16 2	15 55	15 36	19 55	7 12	5 51
S 17	20 54	5 52	4 59	23 46	1 22	15 19	1 39	6 36	0 47	2 11	1 19	15 19	1 8	20 38	0 8	3 8	1 29	0 24	16 1	15 55	15 37	19 55	7 11	5 50
S 18	20 42	9 48	5 14	23 39	1 27	14 54	1 39	6 17	0 46	2 12	1 20	15 17	1 8	20 38	0 8	3 8	1 29	0 24	16 1	15 55	15 38	19 55	7 10	5 50
M19	20 30	13 14	5 14	23 30	1 32	14 28	1 38	5 59	0 45	2 13	1 20	15 14	1 8	20 38	0 8	3 8	1 29	0 25	16 1	15 56	15 39	19 55	7 9	5 50
T 20	20 17	16 3	5 1	23 20	1 36	14 2	1 38	5 40	0 44	2 14	1 20	15 12	1 8	20 38	0 8	3 7	1 29	0 25	16 0	15 56	15 40	19 55	7 8	5 50
W21	20 4	18 10	4 34	23 8	1 40	13 36	1 37	5 21	0 43	2 14	1 21	15 10	1 8	20 38	0 8	3 7	1 29	0 25	16 0	15 57	15 41	19 55	7 7	5 50
T 22	19 51	19 29	3 56	22 56	1 44	13 9	1 37	5 3	0 42	2 15	1 21	15 8	1 8	20 37	0 7	3 7	1 29	0 25	16 0	15 58	15 42	19 55	7 5	5 49
F 23	19 38	19 56	3 8	22 41	1 48	12 42	1 36	4 44	0 42	2 16	1 21	15 6	1 8	20 37	0 7	3 7	1 29	0 26	15 59	15 58	15 43	19 56	7 4	5 49
S 24	19 24	19 31	2 12	22 26	1 51	12 15	1 35	4 25	0 41	2 18	1 21	15 3	1 8	20 37	0 7	3 7	1 29	0 26	15 59	15 59	15 44	19 56	7 3	5 49
S 25	19 9	18 13	1 9	22 8	1 54	11 47	1 34	4 6	0 40	2 19	1 22	15 1	1 8	20 37	0 7	3 6	1 29	0 26	15 58	15 59	15 45	19 56	7 2	5 49
M26	18 55	16 7	0 4	21 50	1 57	11 19	1 33	3 47	0 39	2 20	1 22	14 59	1 8	20 37	0 7	3 6	1 29	0 27	15 58	15 59	15 46	19 56	7 1	5 49
T 27	18 40	13 18	1n 3	21 30	1 59	10 51	1 32	3 28	0 38	2 21	1 22	14 56	1 8	20 37	0 7	3 6	1 29	0 27	15 58	15 59	15 47	19 56	7 0	5 48
W28	18 24	9 53	2 7	21 8	2 1	10 22	1 31	3 10	0 37	2 23	1 22	14 54	1 8	20 37	0 7	3 6	1 29	0 27	15 57	15 59	15 48	19 56	6 58	5 48
T 29	18 9	5 59	3 7	20 45	2 2	9 54	1 29	2 51	0 36	2 24	1 23	14 52	1 8	20 36	0 7	3 6	1 30	0 28	15 57	15 59	15 49	19 56	6 57	5 48
F 30	17 53	1 47	3 58	20 21	2 4	9 25	1 28	2 32	0 36	2 26	1 23	14 50	1 8	20 36	0 7	3 5	1 30	0 28	15 57	15 59	15 50	19 56	6 56	5 48
S 31	17s36	2s34	4n39	19s55	2s 5	8s55	1s27	2s13	0s35	2n27	1n23	14s47	1s 8	20n36	0s 7	3s 5	1n30	0n28	15s56	15n58	15n50	19n56	6s55	5n48

Julian Day Number = 2492086.5, Delta T = 98.52 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°17'28, Lahiri = 25°24'29

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ASTRODIENST EPHEMERIS for the year 2111
geocentric

FEBRUARY 2111 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 42 33	11♒28'40	0♏41	11♒ 2	11♓50	26♓31	26°R58	23♒30	2°R54	11°R16	12♉55	16♌12	16♌35	13♋22	27♒29	S 1
M 2	8 46 29	12°29'36	14°10	12°45	13° 4	27°17	26♍55	23°37	2♊53	11♎15	12°55	16°R12	16°31	13°28	27°33	M 2
T 3	8 50 26	13°30'31	28° 0	14°29	14°18	28° 3	26°51	23°44	2°53	11°15	12°55	16°12	16°28	13°35	27°37	T 3
W 4	8 54 22	14°31'25	12♐13	16°13	15°31	28°48	26°47	23°52	2°52	11°14	12°55	16°11	16°25	13°42	27°41	W 4
T 5	8 58 19	15°32'19	26°46	17°58	16°45	29°34	26°42	23°59	2°52	11°13	12°56	16°11	16°22	13°48	27°45	T 5
F 6	9 2 15	16°33'12	11♑34	19°44	17°59	0♈19	26°38	24° 6	2°52	11°12	12°56	16°D11	16°19	13°55	27°49	F 6
S 7	9 6 12	17°34'04	26°33	21°30	19°13	1° 5	26°33	24°13	2°52	11°12	12°56	16°11	16°16	14° 2	27°54	S 7
S 8	9 10 8	18°34'55	11♒33	23°17	20°26	1°50	26°29	24°20	2°51	11°11	12°56	16°R11	16°12	14° 8	27°58	S 8
M 9	9 14 5	19°35'45	26°27	25° 5	21°40	2°36	26°24	24°28	2°51	11°10	12°57	16°11	16° 9	14°15	28° 2	M 9
T 10	9 18 2	20°36'34	11♓ 6	26°53	22°53	3°21	26°19	24°35	2°D51	11° 9	12°57	16°11	16° 6	14°22	28° 6	T 10
W11	9 21 58	21°37'21	25°24	28°41	24° 7	4° 7	26°13	24°42	2°51	11° 8	12°57	16°11	16° 3	14°28	28°11	W11
T 12	9 25 55	22°38'06	9♈18	0♓30	25°20	4°52	26° 8	24°49	2°51	11° 7	12°57	16°10	16° 0	14°35	28°15	T 12
F 13	9 29 51	23°38'51	22°44	2°19	26°34	5°37	26° 2	24°57	2°52	11° 6	12°58	16° 9	15°57	14°42	28°19	F 13
S 14	9 33 48	24°39'33	5♉46	4° 8	27°47	6°22	25°57	25° 4	2°52	11° 5	12°58	16° 8	15°53	14°48	28°23	S 14
S 15	9 37 44	25°40'14	18°24	5°56	29° 0	7° 8	25°51	25°11	2°52	11° 4	12°59	16° 8	15°50	14°55	28°28	S 15
M16	9 41 41	26°40'54	0♊43	7°45	0♈13	7°53	25°45	25°18	2°52	11° 3	12°59	16°D 8	15°47	15° 2	28°32	M16
T 17	9 45 37	27°41'31	12°48	9°32	1°27	8°38	25°39	25°26	2°53	11° 2	12°59	16° 8	15°44	15° 8	28°36	T 17
W18	9 49 34	28°42'07	24°42	11°19	2°40	9°23	25°33	25°33	2°53	11° 1	13° 0	16° 9	15°41	15°15	28°40	W18
T 19	9 53 31	29°42'42	6♋32	13° 5	3°53	10° 8	25°26	25°40	2°54	11° 0	13° 0	16°10	15°37	15°22	28°45	T 19
F 20	9 57 27	0♓43'14	18°20	14°49	5° 5	10°53	25°20	25°47	2°54	10°59	13° 1	16°12	15°34	15°28	28°49	F 20
S 21	10 1 24	1°43'45	0♌11	16°31	6°18	11°38	25°13	25°54	2°55	10°58	13° 1	16°13	15°31	15°35	28°53	S 21
S 22	10 5 20	2°44'15	12° 8	18°11	7°31	12°23	25° 7	26° 2	2°55	10°56	13° 2	16°R14	15°28	15°42	28°57	S 22
M23	10 9 17	3°44'42	24°13	19°47	8°44	13° 8	25° 0	26° 9	2°56	10°55	13° 3	16°13	15°25	15°48	29° 2	M23
T 24	10 13 13	4°45'08	6♍29	21°20	9°56	13°53	24°53	26°16	2°57	10°54	13° 3	16°12	15°22	15°55	29° 6	T 24
W25	10 17 10	5°45'32	18°57	22°49	11° 9	14°38	24°46	26°23	2°57	10°53	13° 4	16°10	15°18	16° 2	29°10	W25
T 26	10 21 6	6°45'55	1♎38	24°13	12°21	15°23	24°39	26°30	2°58	10°51	13° 4	16° 7	15°15	16° 8	29°14	T 26
F 27	10 25 3	7°46'16	14°32	25°32	13°34	16° 7	24°32	26°38	2°59	10°50	13° 5	16° 4	15°12	16°15	29°19	F 27
S 28	10 28 59	8♓46'36	27♎39	26♓45	14♈46	16♈52	24♍25	26♒45	3♊ 0	10♎49	13♉ 6	16♌ 1	15♌ 9	16♋22	29♒23	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s20	6s55	5n 6	19s27	2s 5	8s26	1s25	1s54	0s34	2n29	1n23	14s45	1s 8	20n36	0s 7	3s 5	1n30	0n29	15s56	15n58	15n51	19n57	6s53	5n48
M 2	17 3	11 1	5 18	18 58	2 5	7 56	1 23	1 35	0 33	2 30	1 24	14 43	1 8	20 36	0 7	3 4	1 30	0 29	15 56	15 58	15 52	19 57	6 52	5 48
T 3	16 45	14 39	5 11	18 28	2 5	7 26	1 22	1 16	0 32	2 32	1 24	14 40	1 8	20 36	0 7	3 4	1 30	0 30	15 55	15 58	15 53	19 57	6 51	5 47
W 4	16 28	17 31	4 46	17 56	2 4	6 56	1 20	0 57	0 31	2 34	1 24	14 38	1 8	20 36	0 7	3 4	1 30	0 30	15 55	15 58	15 54	19 57	6 50	5 47
T 5	16 10	19 21	4 2	17 23	2 3	6 26	1 18	0 38	0 30	2 36	1 24	14 36	1 8	20 36	0 7	3 3	1 30	0 30	15 55	15 58	15 55	19 57	6 48	5 47
F 6	15 52	19 55	3 1	16 48	2 1	5 55	1 16	0 19	0 30	2 38	1 25	14 33	1 8	20 36	0 7	3 3	1 30	0 31	15 54	15 58	15 56	19 57	6 47	5 47
S 7	15 33	19 5	1 47	16 12	1 58	5 25	1 15	0 1	0 29	2 40	1 25	14 31	1 8	20 36	0 7	3 3	1 30	0 31	15 54	15 58	15 57	19 57	6 46	5 47
S 8	15 15	16 54	0 26	15 34	1 56	4 54	1 13	0n18	0 28	2 42	1 25	14 29	1 8	20 36	0 7	3 2	1 30	0 31	15 54	15 58	15 58	19 57	6 44	5 47
M 9	14 56	13 35	0s57	14 55	1 52	4 23	1 10	0 37	0 27	2 44	1 25	14 26	1 9	20 36	0 7	3 2	1 30	0 32	15 53	15 58	15 59	19 57	6 43	5 47
T 10	14 37	9 28	2 14	14 14	1 48	3 52	1 8	0 56	0 26	2 47	1 26	14 24	1 9	20 36	0 7	3 2	1 30	0 32	15 53	15 58	16 0	19 57	6 42	5 47
W11	14 17	4 54	3 21	13 33	1 44	3 21	1 6	1 15	0 25	2 49	1 26	14 21	1 9	20 36	0 7	3 1	1 30	0 33	15 53	15 59	16 1	19 57	6 40	5 47
T 12	13 58	0 13	4 14	12 50	1 39	2 50	1 4	1 33	0 25	2 51	1 26	14 19	1 9	20 36	0 7	3 1	1 30	0 33	15 52	15 59	16 2	19 57	6 39	5 46
F 13	13 38	4n19	4 52	12 5	1 33	2 18	1 2	1 52	0 24	2 54	1 26	14 17	1 9	20 36	0 7	3 0	1 30	0 34	15 52	15 59	16 3	19 57	6 38	5 46
S 14	13 18	8 31	5 12	11 20	1 27	1 47	0 59	2 11	0 23	2 56	1 26	14 14	1 9	20 36	0 7	3 0	1 30	0 34	15 52	15 59	16 4	19 57	6 36	5 46
S 15	12 57	12 12	5 17	10 34	1 20	1 16	0 57	2 29	0 22	2 58	1 27	14 12	1 9	20 36	0 7	2 59	1 30	0 34	15 51	15 59	16 5	19 57	6 35	5 46
M16	12 37	15 16	5 7	9 46	1 12	0 44	0 54	2 48	0 21	3 1	1 27	14 10	1 9	20 36	0 7	2 59	1 30	0 35	15 51	15 59	16 6	19 57	6 34	5 46
T 17	12 16	17 37	4 44	8 58	1 3	0 13	0 51	3 7	0 20	3 4	1 27	14 7	1 9	20 36	0 7	2 59	1 30	0 35	15 50	15 59	16 7	19 57	6 32	5 46
W18	11 55	19 11	4 9	8 9	0 54	0n19	0 49	3 25	0 20	3 6	1 27	14 5	1 9	20 36	0 7	2 58	1 30	0 36	15 50	15 59	16 8	19 57	6 31	5 46
T 19	11 34	19 53	3 23	7 20	0 45	0 50	0 46	3 43	0 19	3 9	1 27	14 2	1 9	20 36	0 7	2 58	1 31	0 36	15 50	15 59	16 8	19 57	6 29	5 46
F 20	11 13	19 43	2 29	6 30	0 34	1 22	0 43	4 2	0 18	3 12	1 28	14 0	1 9	20 37	0 7	2 57	1 31	0 37	15 49	15 58	16 9	19 57	6 28	5 46
S 21	10 51	18 40	1 28	5 40	0 23	1 53	0 40	4 20	0 17	3 14	1 28	13 58	1 9	20 37	0 7	2 57	1 31	0 37	15 49	15 58	16 10	19 57	6 26	5 46
S 22	10 29	16 47	0 23	4 51	0 11	2 24	0 38	4 38	0 16	3 17	1 28	13 55	1 9	20 37	0 7	2 56	1 31	0 38	15 49	15 58	16 11	19 57	6 25	5 46
M23	10 8	14 8	0n44	4 1	0n 1	2 56	0 35	4 57	0 15	3 20	1 28	13 53	1 9	20 37	0 7	2 56	1 31	0 38	15 49	15 58	16 12	19 57	6 24	5 46
T 24	9 46	10 49	1 50	3 13	0 14	3 27	0 32	5 15	0 15	3 23	1 28	13 51	1 10	20 37	0 7	2 55	1 31	0 39	15 48	15 58	16 13	19 57	6 22	5 46
W25	9 24	7 0	2 51	2 26	0 28	3 58	0 29	5 33	0 14	3 26	1 28	13 48	1 10	20 37	0 7	2 55	1 31	0 39	15 48	15 59	16 14	19 57	6 21	5 46
T 26	9 1	2 48	3 45	1 39	0 41	4 29	0 25	5 51	0 13	3 29	1 29	13 46	1 10	20 37	0 7	2 54	1 31	0 40	15 48	16 0	16 15	19 57	6 19	5 46
F 27	8 39	1s36	4 29	0 55	0 56	5 0	0 22	6 9	0 12	3 32	1 29	13 43	1 10	20 38	0 7	2 54	1 31	0 40	15 47	16 1	16 16	19 57	6 18	5 46
S 28	8s16	5s59	4n59	0s13	1n10	5n31	0s19	6n27	0s12	3n35	1n29	13s41	1s10	20n38	0s 7	2s53	1n31	0n41	15s47	16n 2	16n17	19n57	6s16	5n46

Julian Day Number = 2492117.5, Delta T = 98.56 sec
Ecliptic obliquity = 23°25'23, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°17'33, Lahiri = 25°24'33

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ASTRODIENST EPHEMERIS for the year 2111
geocentric

MARCH 2111 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 32 56	9♓46'54	11♏ 0	27♓51	15♈58	17♈37	24°R17	26♒52	3♊ 1	10°R47	13♉ 6	15°R58	15♌ 6	16♋28	29♒27	S 1
M 2	10 36 53	10°47'11	24°35	28°50	17°10	18°22	24♍10	26°59	3° 2	10♎46	13° 7	15♌56	15° 2	16°35	29°31	M 2
T 3	10 40 49	11°47'26	8♐23	29°42	18°22	19° 6	24° 2	27° 6	3° 3	10°45	13° 8	15°D55	14°59	16°42	29°35	T 3
W 4	10 44 46	12°47'40	22°25	0♈24	19°34	19°51	23°55	27°13	3° 4	10°43	13° 9	15°55	14°56	16°48	29°40	W 4
T 5	10 48 42	13°47'53	6♑39	0°59	20°46	20°35	23°47	27°20	3° 5	10°42	13° 9	15°56	14°53	16°55	29°44	T 5
F 6	10 52 39	14°48'04	21° 4	1°24	21°58	21°20	23°40	27°27	3° 6	10°40	13°10	15°58	14°50	17° 2	29°48	F 6
S 7	10 56 35	15°48'14	5♒36	1°40	23°10	22° 4	23°32	27°34	3° 8	10°39	13°11	15°59	14°47	17° 8	29°52	S 7
S 8	11 0 32	16°48'21	20°11	1°R46	24°21	22°49	23°24	27°41	3° 9	10°37	13°12	15°R59	14°43	17°15	29°56	S 8
M 9	11 4 28	17°48'28	4♓43	1°44	25°33	23°33	23°17	27°48	3°10	10°36	13°12	15°58	14°40	17°22	0♓ 0	M 9
T 10	11 8 25	18°48'32	19° 7	1°32	26°44	24°17	23° 9	27°55	3°12	10°34	13°13	15°55	14°37	17°28	0° 4	T 10
W11	11 12 22	19°48'34	3♈16	1°12	27°56	25° 2	23° 1	28° 2	3°13	10°33	13°14	15°50	14°34	17°35	0° 8	W11
T 12	11 16 18	20°48'35	17° 7	0°43	29° 7	25°46	22°53	28° 9	3°15	10°31	13°15	15°45	14°31	17°42	0°12	T 12
F 13	11 20 15	21°48'33	0♉35	0° 7	0♉18	26°30	22°45	28°16	3°16	10°30	13°16	15°39	14°28	17°48	0°16	F 13
S 14	11 24 11	22°48'29	13°40	29♓25	1°29	27°14	22°38	28°23	3°18	10°28	13°17	15°33	14°24	17°55	0°20	S 14
S 15	11 28 8	23°48'24	26°22	28°37	2°40	27°58	22°30	28°30	3°20	10°27	13°18	15°28	14°21	18° 2	0°24	S 15
M16	11 32 4	24°48'16	8♊44	27°45	3°51	28°42	22°22	28°36	3°21	10°25	13°19	15°25	14°18	18° 8	0°28	M16
T 17	11 36 1	25°48'06	20°51	26°50	5° 2	29°26	22°14	28°43	3°23	10°24	13°20	15°D24	14°15	18°15	0°32	T 17
W18	11 39 57	26°47'53	2♋47	25°54	6°12	0♉10	22° 6	28°50	3°25	10°22	13°21	15°24	14°12	18°22	0°36	W18
T 19	11 43 54	27°47'39	14°36	24°57	7°23	0°54	21°59	28°57	3°27	10°20	13°22	15°25	14° 8	18°28	0°40	T 19
F 20	11 47 51	28°47'22	26°25	24° 0	8°33	1°38	21°51	29° 3	3°29	10°19	13°23	15°27	14° 5	18°35	0°44	F 20
S 21	11 51 47	29°47'03	8♌17	23° 6	9°43	2°22	21°43	29°10	3°31	10°17	13°24	15°28	14° 2	18°42	0°48	S 21
S 22	11 55 44	0♈46'42	20°19	22°14	10°53	3° 6	21°36	29°16	3°33	10°16	13°25	15°R28	13°59	18°48	0°52	S 22
M23	11 59 40	1°46'18	2♍32	21°26	12° 3	3°49	21°28	29°23	3°35	10°14	13°26	15°26	13°56	18°55	0°55	M23
T 24	12 3 37	2°45'53	15° 1	20°43	13°13	4°33	21°20	29°29	3°37	10°12	13°27	15°23	13°53	19° 2	0°59	T 24
W25	12 7 33	3°45'25	27°46	20° 5	14°23	5°17	21°13	29°36	3°39	10°11	13°28	15°17	13°49	19° 8	1° 3	W25
T 26	12 11 30	4°44'55	10♎49	19°32	15°32	6° 0	21° 5	29°42	3°41	10° 9	13°29	15° 9	13°46	19°15	1° 7	T 26
F 27	12 15 26	5°44'23	24° 7	19° 5	16°42	6°44	20°58	29°49	3°43	10° 7	13°30	15° 0	13°43	19°22	1°10	F 27
S 28	12 19 23	6°43'50	7♏39	18°44	17°51	7°27	20°51	29°55	3°45	10° 6	13°31	14°51	13°40	19°28	1°14	S 28
S 29	12 23 19	7°43'14	21°23	18°29	19° 0	8°11	20°43	0♓ 1	3°48	10° 4	13°32	14°43	13°37	19°35	1°18	S 29
M30	12 27 16	8°42'37	5♐15	18°20	20° 9	8°54	20°36	0° 7	3°50	10° 2	13°34	14°37	13°34	19°42	1°21	M30
T 31	12 31 13	9♈41'58	19♐15	18°D17	21♉18	9♉38	20♍29	0♓14	3♊52	10♎ 1	13♉35	14♌33	13♌30	19♋48	1♓25	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s54	10s 9	5n13	0n27	1n25	6n 2	0s16	6n45	0s11	3n38	1n29	13s39	1s10	20n38	0s 7	2s52	1n31	0n41	15s47	16n 3	16n18	19n57	6s15	5n46
M 2	7 31	13 52	5 11	1 4	1 39	6 33	0 12	7 2	0 10	3 41	1 29	13 36	1 10	20 38	0 7	2 52	1 31	0 41	15 46	16 3	16 19	19 57	6 14	5 46
T 3	7 8	16 54	4 51	1 37	1 54	7 3	0 9	7 20	0 9	3 44	1 29	13 34	1 10	20 38	0 7	2 51	1 31	0 42	15 46	16 3	16 20	19 57	6 12	5 46
W 4	6 45	19 0	4 13	2 7	2 8	7 34	0 6	7 38	0 8	3 47	1 29	13 32	1 10	20 39	0 7	2 51	1 31	0 42	15 46	16 3	16 21	19 57	6 11	5 46
T 5	6 22	19 56	3 19	2 34	2 22	8 4	0 2	7 55	0 8	3 50	1 29	13 29	1 10	20 39	0 7	2 50	1 31	0 43	15 45	16 3	16 22	19 57	6 9	5 46
F 6	5 59	19 35	2 13	2 56	2 35	8 34	0n 1	8 12	0 7	3 53	1 30	13 27	1 10	20 39	0 7	2 50	1 31	0 43	15 45	16 3	16 22	19 57	6 8	5 46
S 7	5 36	17 57	0 57	3 13	2 48	9 4	0 5	8 30	0 6	3 56	1 30	13 25	1 10	20 39	0 7	2 49	1 31	0 44	15 45	16 2	16 23	19 57	6 6	5 46
S 8	5 12	15 7	0s23	3 26	2 59	9 34	0 8	8 47	0 5	3 59	1 30	13 22	1 11	20 40	0 7	2 48	1 31	0 44	15 45	16 2	16 24	19 57	6 5	5 46
M 9	4 49	11 20	1 41	3 35	3 9	10 3	0 12	9 4	0 5	4 3	1 30	13 20	1 11	20 40	0 7	2 48	1 31	0 45	15 44	16 2	16 25	19 57	6 3	5 46
T 10	4 25	6 56	2 51	3 38	3 18	10 32	0 15	9 21	0 4	4 6	1 30	13 18	1 11	20 40	0 7	2 47	1 31	0 46	15 44	16 3	16 26	19 57	6 2	5 46
W11	4 2	2 13	3 50	3 37	3 25	11 1	0 19	9 38	0 3	4 9	1 30	13 15	1 11	20 41	0 7	2 46	1 31	0 46	15 44	16 5	16 27	19 57	6 0	5 46
T 12	3 38	2n30	4 34	3 31	3 31	11 30	0 23	9 55	0 2	4 12	1 30	13 13	1 11	20 41	0 7	2 46	1 31	0 47	15 43	16 6	16 28	19 57	5 59	5 46
F 13	3 15	6 58	5 1	3 20	3 35	11 59	0 26	10 11	0 2	4 15	1 30	13 11	1 11	20 41	0 7	2 45	1 31	0 47	15 43	16 8	16 29	19 57	5 57	5 47
S 14	2 51	10 59	5 11	3 5	3 37	12 27	0 30	10 28	0 1	4 18	1 30	13 9	1 11	20 42	0 7	2 45	1 31	0 48	15 43	16 10	16 30	19 57	5 56	5 47
S 15	2 27	14 22	5 6	2 46	3 37	12 55	0 34	10 45	0 0	4 21	1 30	13 6	1 11	20 42	0 7	2 44	1 31	0 48	15 43	16 11	16 31	19 57	5 54	5 47
M16	2 4	17 2	4 46	2 24	3 35	13 23	0 37	11 1	0n 1	4 24	1 30	13 4	1 11	20 42	0 7	2 43	1 31	0 49	15 42	16 12	16 32	19 57	5 53	5 47
T 17	1 40	18 53	4 14	1 58	3 31	13 50	0 41	11 17	0 1	4 28	1 30	13 2	1 12	20 43	0 7	2 43	1 31	0 49	15 42	16 13	16 33	19 56	5 52	5 47
W18	1 16	19 52	3 31	1 30	3 25	14 17	0 45	11 33	0 2	4 31	1 30	13 0	1 12	20 43	0 7	2 42	1 31	0 50	15 42	16 13	16 34	19 56	5 50	5 47
T 19	0 53	19 59	2 40	1 0	3 17	14 44	0 49	11 49	0 3	4 34	1 30	12 57	1 12	20 43	0 7	2 41	1 31	0 50	15 42	16 12	16 35	19 56	5 49	5 47
F 20	0 29	19 12	1 42	0 29	3 8	15 10	0 52	12 5	0 3	4 37	1 30	12 55	1 12	20 44	0 7	2 41	1 31	0 51	15 41	16 12	16 35	19 56	5 47	5 47
S 21	0 5	17 33	0 39	0s 2	2 57	15 36	0 56	12 21	0 4	4 40	1 30	12 53	1 12	20 44	0 7	2 40	1 31	0 51	15 41	16 11	16 36	19 56	5 46	5 47
S 22	0n19	15 7	0n26	0 34	2 44	16 2	1 0	12 37	0 5	4 43	1 30	12 51	1 12	20 44	0 7	2 39	1 31	0 52	15 41	16 11	16 37	19 56	5 44	5 47
M23	0 42	11 59	1 31	1 5	2 31	16 27	1 4	12 52	0 6	4 46	1 30	12 49	1 12	20 45	0 7	2 39	1 31	0 52	15 41	16 12	16 38	19 56	5 43	5 48
T 24	1 6	8 15	2 33	1 35	2 17	16 52	1 8	13 8	0 6	4 49	1 30	12 46	1 12	20 45	0 7	2 38	1 31	0 53	15 40	16 13	16 39	19 56	5 41	5 48
W25	1 30	4 4	3 28	2 3	2 2	17 17	1 11	13 23	0 7	4 52	1 30	12 44	1 12	20 46	0 7	2 38	1 31	0 53	15 40	16 15	16 40	19 56	5 40	5 48
T 26	1 53	0s23	4 14	2 30	1 47	17 41	1 15	13 38	0 8	4 55	1 30	12 42	1 13	20 46	0 7	2 37	1 32	0 54	15 40	16 17	16 41	19 55	5 39	5 48
F 27	2 17	4 54	4 47	2 55	1 32	18 4	1 19	13 53	0 8	4 58	1 30	12 40	1 13	20 46	0 7	2 36	1 32	0 54	15 40	16 19	16 42	19 55	5 37	5 48
S 28	2 40	9 15	5 4	3 17	1 16	18 28	1 23	14 8	0 9	5 0	1 30	12 38	1 13	20 47	0 7	2 36	1 32	0 55	15 39	16 22	16 43	19 55	5 36	5 48
S 29	3 4	13 12	5 4	3 37	1 1	18 51	1 26	14 23	0 10	5 3	1 30	12 36	1 13	20 47	0 7	2 35	1 32	0 55	15 39	16 24	16 44	19 55	5 34	5 48
M30	3 27	16 27	4 47	3 55	0 46	19 13	1 30	14 37	0 10	5 6	1 30	12 34	1 13	20 48	0 6	2 34	1 32	0 56	15 39	16 26	16 45	19 55	5 33	5 49
T 31	3n50	18s48	4n12	4s10	0n31	19n35	1n34	14n52	0n11	5n 9	1n30	12s32	1s13	20n48	0s 6	2s34	1n32	0n56	15s39	16n27	16n45	19n55	5s32	5n49

Julian Day Number = 2492145.5, Delta T = 98.60 sec
Ecliptic obliquity = 23°25'23, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°17'36, Lahiri = 25°24'37

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ASTRODIENST EPHEMERIS for the year 2111
geocentric

APRIL 2111 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 35 9	10♈41'17	3♉18	18♓19	22♉27	10♉21	20°R22	0♓20	3♊55	9°R59	13♉36	14°R31	13♌27	19♋55	1♓28	W 1
T 2	12 39 6	11°40'35	17°25	18°27	23°35	11° 4	20♍15	0°26	3°57	9♎58	13°37	14°D31	13°24	20° 1	1°32	T 2
F 3	12 43 2	12°39'50	1♒34	18°40	24°43	11°47	20° 9	0°32	3°59	9°56	13°38	14♌32	13°21	20° 8	1°35	F 3
S 4	12 46 59	13°39'04	15°44	18°59	25°52	12°31	20° 2	0°38	4° 2	9°54	13°39	14°R32	13°18	20°15	1°39	S 4
S 5	12 50 55	14°38'16	29°52	19°22	27° 0	13°14	19°55	0°44	4° 4	9°53	13°41	14°31	13°14	20°21	1°42	S 5
M 6	12 54 52	15°37'27	13♓58	19°50	28° 8	13°57	19°49	0°49	4° 7	9°51	13°42	14°28	13°11	20°28	1°45	M 6
T 7	12 58 48	16°36'35	27°56	20°22	29°15	14°40	19°43	0°55	4°10	9°49	13°43	14°22	13° 8	20°35	1°49	T 7
W 8	13 2 45	17°35'42	11♈44	20°59	0♊23	15°23	19°36	1° 1	4°12	9°48	13°44	14°13	13° 5	20°41	1°52	W 8
T 9	13 6 42	18°34'46	25°18	21°39	1°30	16° 6	19°30	1° 7	4°15	9°46	13°45	14° 3	13° 2	20°48	1°55	T 9
F 10	13 10 38	19°33'48	8♉36	22°23	2°37	16°49	19°24	1°12	4°18	9°44	13°47	13°52	12°59	20°55	1°58	F 10
S 11	13 14 35	20°32'49	21°34	23°10	3°44	17°32	19°18	1°18	4°20	9°43	13°48	13°40	12°55	21° 1	2° 1	S 11
S 12	13 18 31	21°31'47	4♊13	24° 1	4°51	18°14	19°13	1°23	4°23	9°41	13°49	13°31	12°52	21° 8	2° 4	S 12
M13	13 22 28	22°30'43	16°35	24°55	5°58	18°57	19° 7	1°29	4°26	9°39	13°51	13°23	12°49	21°15	2° 8	M13
T 14	13 26 24	23°29'37	28°41	25°52	7° 4	19°40	19° 2	1°34	4°29	9°38	13°52	13°18	12°46	21°21	2°11	T 14
W15	13 30 21	24°28'28	10♋37	26°52	8°10	20°23	18°56	1°40	4°32	9°36	13°53	13°15	12°43	21°28	2°13	W15
T 16	13 34 17	25°27'18	22°27	27°55	9°16	21° 5	18°51	1°45	4°34	9°35	13°54	13°D14	12°39	21°35	2°16	T 16
F 17	13 38 14	26°26'05	4♌15	29° 0	10°22	21°48	18°46	1°50	4°37	9°33	13°56	13°14	12°36	21°41	2°19	F 17
S 18	13 42 11	27°24'50	16° 9	0♈ 8	11°27	22°30	18°42	1°55	4°40	9°32	13°57	13°R14	12°33	21°48	2°22	S 18
S 19	13 46 7	28°23'32	28°12	1°18	12°33	23°13	18°37	2° 0	4°43	9°30	13°58	13°13	12°30	21°55	2°25	S 19
M20	13 50 4	29°22'13	10♍31	2°30	13°38	23°55	18°32	2° 5	4°46	9°29	14° 0	13°10	12°27	22° 1	2°28	M20
T 21	13 54 0	0♉20'51	23° 8	3°45	14°42	24°38	18°28	2°10	4°49	9°27	14° 1	13° 5	12°24	22° 8	2°30	T 21
W22	13 57 57	1°19'27	6♎ 6	5° 2	15°47	25°20	18°24	2°15	4°52	9°25	14° 2	12°57	12°20	22°15	2°33	W22
T 23	14 1 53	2°18'01	19°26	6°21	16°51	26° 2	18°20	2°20	4°55	9°24	14° 4	12°47	12°17	22°21	2°36	T 23
F 24	14 5 50	3°16'33	3♏ 6	7°42	17°55	26°45	18°16	2°25	4°58	9°22	14° 5	12°35	12°14	22°28	2°38	F 24
S 25	14 9 46	4°15'03	17° 4	9° 5	18°59	27°27	18°12	2°29	5° 2	9°21	14° 6	12°23	12°11	22°35	2°41	S 25
S 26	14 13 43	5°13'31	1♐15	10°30	20° 2	28° 9	18° 9	2°34	5° 5	9°20	14° 8	12°12	12° 8	22°41	2°43	S 26
M27	14 17 40	6°11'58	15°33	11°57	21° 5	28°51	18° 5	2°38	5° 8	9°18	14° 9	12° 3	12° 5	22°48	2°46	M27
T 28	14 21 36	7°10'23	29°54	13°26	22° 8	29°33	18° 2	2°43	5°11	9°17	14°10	11°57	12° 1	22°55	2°48	T 28
W29	14 25 33	8° 8'46	14♑12	14°56	23°11	0♊15	17°59	2°47	5°14	9°15	14°12	11°53	11°58	23° 1	2°50	W29
T 30	14 29 29	9♉ 7'08	28♑25	16♈29	24♊13	0♊57	17♍56	2♓51	5♊18	9♎14	14♉13	11♌52	11♌55	23♋ 8	2♓52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n14	20s 0	3n22	4s22	0n16	19n56	1n38	15n 6	0n12	5n11	1n30	12s30	1s13	20n49	0s 6	2s33	1n32	0n57	15s39	16n28	16n46	19n55	5s30	5n49
T 2	4 37	19 58	2 20	4 32	0 2	20 17	1 41	15 20	0 12	5 14	1 30	12 28	1 14	20 49	0 6	2 32	1 32	0 57	15 38	16 28	16 47	19 54	5 29	5 49
F 3	5 0	18 41	1 9	4 40	0s12	20 38	1 45	15 34	0 13	5 17	1 30	12 26	1 14	20 50	0 6	2 32	1 32	0 58	15 38	16 28	16 48	19 54	5 27	5 49
S 4	5 23	16 13	0s 6	4 45	0 25	20 58	1 48	15 48	0 14	5 19	1 30	12 24	1 14	20 50	0 6	2 31	1 32	0 58	15 38	16 28	16 49	19 54	5 26	5 50
S 5	5 46	12 46	1 21	4 47	0 38	21 17	1 52	16 2	0 14	5 22	1 30	12 22	1 14	20 51	0 6	2 30	1 32	0 59	15 38	16 28	16 50	19 54	5 25	5 50
M 6	6 9	8 37	2 30	4 47	0 50	21 36	1 56	16 15	0 15	5 24	1 29	12 20	1 14	20 51	0 6	2 30	1 32	0 59	15 38	16 29	16 51	19 54	5 23	5 50
T 7	6 31	4 2	3 30	4 45	1 1	21 55	1 59	16 29	0 16	5 27	1 29	12 18	1 14	20 52	0 6	2 29	1 32	1 0	15 38	16 31	16 52	19 54	5 22	5 50
W 8	6 54	0n42	4 16	4 41	1 12	22 13	2 3	16 42	0 16	5 29	1 29	12 16	1 14	20 52	0 6	2 28	1 32	1 0	15 37	16 33	16 53	19 53	5 21	5 50
T 9	7 17	5 19	4 47	4 34	1 22	22 30	2 6	16 55	0 17	5 31	1 29	12 14	1 15	20 53	0 6	2 28	1 32	1 1	15 37	16 36	16 54	19 53	5 19	5 51
F 10	7 39	9 35	5 2	4 26	1 32	22 47	2 9	17 8	0 18	5 33	1 29	12 12	1 15	20 53	0 6	2 27	1 32	1 1	15 37	16 39	16 55	19 53	5 18	5 51
S 11	8 1	13 18	5 0	4 15	1 41	23 3	2 13	17 20	0 18	5 36	1 29	12 10	1 15	20 54	0 6	2 26	1 32	1 2	15 37	16 43	16 55	19 53	5 17	5 51
S 12	8 23	16 19	4 44	4 3	1 50	23 19	2 16	17 33	0 19	5 38	1 29	12 8	1 15	20 54	0 6	2 26	1 32	1 2	15 37	16 45	16 56	19 53	5 15	5 51
M13	8 45	18 32	4 14	3 49	1 57	23 34	2 19	17 45	0 19	5 40	1 29	12 7	1 15	20 55	0 6	2 25	1 32	1 3	15 37	16 48	16 57	19 52	5 14	5 51
T 14	9 7	19 51	3 34	3 33	2 5	23 49	2 23	17 58	0 20	5 42	1 29	12 5	1 15	20 55	0 6	2 25	1 32	1 3	15 36	16 49	16 58	19 52	5 13	5 52
W15	9 29	20 16	2 44	3 15	2 11	24 3	2 26	18 10	0 21	5 44	1 28	12 3	1 15	20 56	0 6	2 24	1 32	1 4	15 36	16 50	16 59	19 52	5 12	5 52
T 16	9 50	19 46	1 48	2 56	2 17	24 17	2 29	18 22	0 21	5 46	1 28	12 1	1 16	20 56	0 6	2 23	1 32	1 4	15 36	16 50	17 0	19 52	5 10	5 52
F 17	10 12	18 25	0 48	2 35	2 23	24 29	2 32	18 33	0 22	5 47	1 28	12 0	1 16	20 57	0 6	2 23	1 32	1 5	15 36	16 50	17 1	19 52	5 9	5 52
S 18	10 33	16 14	0n16	2 12	2 27	24 42	2 35	18 45	0 23	5 49	1 28	11 58	1 16	20 57	0 6	2 22	1 32	1 5	15 36	16 50	17 2	19 51	5 8	5 53
S 19	10 54	13 19	1 19	1 48	2 32	24 53	2 38	18 56	0 23	5 51	1 28	11 56	1 16	20 58	0 6	2 22	1 32	1 6	15 36	16 50	17 3	19 51	5 7	5 53
M20	11 15	9 46	2 19	1 23	2 35	25 4	2 40	19 7	0 24	5 53	1 28	11 55	1 16	20 58	0 6	2 21	1 32	1 6	15 36	16 51	17 3	19 51	5 6	5 53
T 21	11 35	5 43	3 15	0 56	2 38	25 15	2 43	19 18	0 24	5 54	1 28	11 53	1 16	20 59	0 6	2 20	1 32	1 7	15 36	16 53	17 4	19 51	5 4	5 53
W22	11 56	1 17	4 2	0 28	2 41	25 25	2 46	19 29	0 25	5 56	1 27	11 52	1 17	21 0	0 6	2 20	1 31	1 7	15 36	16 55	17 5	19 50	5 3	5 54
T 23	12 16	3s20	4 37	0n 2	2 43	25 34	2 48	19 40	0 25	5 57	1 27	11 50	1 17	21 0	0 6	2 19	1 31	1 8	15 36	16 58	17 6	19 50	5 2	5 54
F 24	12 36	7 53	4 57	0 33	2 44	25 43	2 51	19 50	0 26	5 58	1 27	11 48	1 17	21 1	0 6	2 19	1 31	1 8	15 35	17 1	17 7	19 50	5 1	5 54
S 25	12 56	12 8	5 0	1 4	2 45	25 51	2 53	20 0	0 27	6 0	1 27	11 47	1 17	21 1	0 6	2 18	1 31	1 8	15 35	17 5	17 8	19 50	5 0	5 54
S 26	13 15	15 45	4 45	1 37	2 45	25 58	2 56	20 11	0 27	6 1	1 27	11 45	1 17	21 2	0 6	2 18	1 31	1 9	15 35	17 8	17 9	19 49	4 59	5 55
M27	13 35	18 28	4 11	2 12	2 45	26 5	2 58	20 20	0 28	6 2	1 27	11 44	1 18	21 2	0 6	2 17	1 31	1 9	15 35	17 10	17 10	19 49	4 57	5 55
T 28	13 54	20 3	3 22	2 47	2 44	26 11	3 0	20 30	0 28	6 3	1 26	11 43	1 18	21 3	0 6	2 16	1 31	1 10	15 35	17 12	17 11	19 49	4 56	5 55
W29	14 13	20 20	2 21	3 23	2 42	26 17	3 2	20 40	0 29	6 4	1 26	11 41	1 18	21 4	0 6	2 16	1 31	1 10	15 35	17 13	17 11	19 49	4 55	5 55
T 30	14n32	19s19	1n11	4n 1	2s40	26n21	3n 4	20n49	0n29	6n 5	1n26	11s40	1s18	21n 4	0s 6	2s15	1n31	1n11	15s35	17n13	17n12	19n48	4s54	5n56

Julian Day Number = 2492176.5, Delta T = 98.64 sec
Ecliptic obliquity = 23°25'23, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°17'41, Lahiri = 25°24'41

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ASTRODIENST EPHEMERIS for the year 2111
geocentric

MAY 2111 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 33 26	10♉ 5'29	12♒31	18♈ 3	25♊15	1♊39	17°R54	2♓56	5♊21	9°R13	14♉14	11°R52	11♌52	23♋14	2♓55	F 1
S 2	14 37 22	11° 3'47	26°30	19°40	26°16	2°21	17♍51	3° 0	5°24	9♎11	14°16	11♌51	11°49	23°21	2°57	S 2
S 3	14 41 19	12° 2'05	10♓21	21°18	27°18	3° 3	17°49	3° 4	5°27	9°10	14°17	11°50	11°45	23°28	2°59	S 3
M 4	14 45 15	13° 0'20	24° 4	22°58	28°18	3°45	17°47	3° 8	5°31	9° 8	14°19	11°46	11°42	23°34	3° 1	M 4
T 5	14 49 12	13°58'34	7♈37	24°40	29°19	4°26	17°45	3°12	5°34	9° 7	14°20	11°38	11°39	23°41	3° 3	T 5
W 6	14 53 9	14°56'47	21° 1	26°23	0♋19	5° 8	17°43	3°15	5°37	9° 6	14°21	11°29	11°36	23°48	3° 5	W 6
T 7	14 57 5	15°54'58	4♉12	28° 9	1°19	5°50	17°42	3°19	5°41	9° 5	14°23	11°17	11°33	23°54	3° 7	T 7
F 8	15 1 2	16°53'08	17°10	29°56	2°18	6°32	17°40	3°23	5°44	9° 3	14°24	11° 4	11°30	24° 1	3° 9	F 8
S 9	15 4 58	17°51'15	29°54	1♉45	3°17	7°13	17°39	3°26	5°47	9° 2	14°25	10°51	11°26	24° 8	3°10	S 9
S 10	15 8 55	18°49'21	12♊23	3°36	4°16	7°55	17°38	3°30	5°51	9° 1	14°27	10°39	11°23	24°14	3°12	S 10
M11	15 12 51	19°47'26	24°38	5°29	5°14	8°36	17°37	3°33	5°54	9° 0	14°28	10°30	11°20	24°21	3°14	M11
T 12	15 16 48	20°45'28	6♋40	7°24	6°12	9°18	17°37	3°36	5°58	8°59	14°29	10°23	11°17	24°28	3°15	T 12
W13	15 20 44	21°43'29	18°34	9°20	7° 9	9°59	17°36	3°40	6° 1	8°58	14°31	10°19	11°14	24°34	3°17	W13
T 14	15 24 41	22°41'28	0♌22	11°18	8° 5	10°40	17°36	3°43	6° 4	8°56	14°32	10°17	11°11	24°41	3°18	T 14
F 15	15 28 38	23°39'25	12°10	13°19	9° 2	11°22	17°D36	3°46	6° 8	8°55	14°33	10°D17	11° 7	24°48	3°20	F 15
S 16	15 32 34	24°37'21	24° 3	15°20	9°57	12° 3	17°36	3°49	6°11	8°54	14°35	10°R17	11° 4	24°54	3°21	S 16
S 17	15 36 31	25°35'14	6♍ 6	17°24	10°52	12°44	17°36	3°51	6°15	8°53	14°36	10°16	11° 1	25° 1	3°23	S 17
M18	15 40 27	26°33'06	18°25	19°29	11°47	13°26	17°37	3°54	6°18	8°52	14°38	10°14	10°58	25° 8	3°24	M18
T 19	15 44 24	27°30'56	1♎ 4	21°35	12°41	14° 7	17°37	3°57	6°22	8°51	14°39	10°10	10°55	25°14	3°25	T 19
W20	15 48 20	28°28'44	14° 8	23°43	13°35	14°48	17°38	3°59	6°25	8°50	14°40	10° 4	10°51	25°21	3°26	W20
T 21	15 52 17	29°26'31	27°37	25°52	14°27	15°29	17°39	4° 2	6°29	8°49	14°41	9°55	10°48	25°27	3°27	T 21
F 22	15 56 13	0♊24'16	11♏32	28° 2	15°19	16°10	17°41	4° 4	6°32	8°49	14°43	9°45	10°45	25°34	3°28	F 22
S 23	16 0 10	1°22'00	25°48	0♊13	16°11	16°51	17°42	4° 7	6°36	8°48	14°44	9°34	10°42	25°41	3°29	S 23
S 24	16 4 7	2°19'42	10♐22	2°24	17° 2	17°32	17°43	4° 9	6°39	8°47	14°45	9°24	10°39	25°47	3°30	S 24
M25	16 8 3	3°17'23	25° 5	4°36	17°52	18°13	17°45	4°11	6°43	8°46	14°47	9°17	10°36	25°54	3°31	M25
T 26	16 12 0	4°15'03	9♑50	6°48	18°41	18°54	17°47	4°13	6°46	8°45	14°48	9°11	10°32	26° 1	3°32	T 26
W27	16 15 56	5°12'42	24°30	8°59	19°30	19°35	17°49	4°15	6°50	8°45	14°49	9° 8	10°29	26° 7	3°32	W27
T 28	16 19 53	6°10'20	8♒59	11°10	20°18	20°15	17°51	4°17	6°53	8°44	14°51	9°D 8	10°26	26°14	3°33	T 28
F 29	16 23 49	7° 7'57	23°15	13°20	21° 5	20°56	17°54	4°18	6°57	8°43	14°52	9° 8	10°23	26°21	3°34	F 29
S 30	16 27 46	8° 5'32	7♓15	15°29	21°51	21°37	17°56	4°20	7° 0	8°42	14°53	9°R 8	10°20	26°27	3°34	S 30
S 31	16 31 42	9♊ 3'07	21♓ 0	17♊37	22♋36	22♊18	17♍59	4♓22	7♊ 4	8♎42	14♉54	9♌ 8	10♌17	26♋34	3♓35	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n50	17s 6	0s 4	4n39	2s38	26n26	3n 6	20n58	0n30	6n 6	1n26	11s38	1s18	21n 5	0s 6	2s15	1n31	1n11	15s35	17n13	17n13	19n48	4s53	5n56
S 2	15 8	13 52	1 17	5 18	2 35	26 30	3 7	21 7	0 30	6 7	1 26	11 37	1 18	21 5	0 6	2 14	1 31	1 11	15 35	17 13	17 14	19 48	4 52	5 56
S 3	15 26	9 55	2 25	5 58	2 31	26 33	3 9	21 16	0 31	6 7	1 25	11 36	1 19	21 6	0 6	2 14	1 31	1 12	15 35	17 14	17 15	19 47	4 51	5 57
M 4	15 44	5 28	3 23	6 39	2 27	26 35	3 10	21 24	0 32	6 8	1 25	11 35	1 19	21 7	0 6	2 13	1 31	1 12	15 35	17 15	17 16	19 47	4 50	5 57
T 5	16 1	0 48	4 10	7 20	2 22	26 37	3 12	21 32	0 32	6 9	1 25	11 33	1 19	21 7	0 6	2 13	1 31	1 13	15 35	17 17	17 17	19 47	4 49	5 57
W 6	16 19	3n50	4 42	8 3	2 17	26 38	3 13	21 41	0 33	6 9	1 25	11 32	1 19	21 8	0 6	2 12	1 31	1 13	15 35	17 20	17 18	19 47	4 48	5 58
T 7	16 35	8 14	4 58	8 45	2 12	26 39	3 14	21 48	0 33	6 9	1 25	11 31	1 19	21 8	0 6	2 12	1 31	1 13	15 35	17 23	17 18	19 46	4 47	5 58
F 8	16 52	12 10	4 59	9 29	2 5	26 39	3 15	21 56	0 34	6 10	1 24	11 30	1 20	21 9	0 6	2 11	1 31	1 14	15 35	17 26	17 19	19 46	4 46	5 58
S 9	17 8	15 29	4 44	10 13	1 59	26 39	3 16	22 4	0 34	6 10	1 24	11 29	1 20	21 10	0 6	2 11	1 31	1 14	15 35	17 30	17 20	19 46	4 45	5 58
S 10	17 25	18 2	4 16	10 57	1 52	26 38	3 17	22 11	0 35	6 10	1 24	11 28	1 20	21 10	0 6	2 11	1 31	1 15	15 35	17 33	17 21	19 45	4 45	5 59
M11	17 40	19 42	3 37	11 42	1 44	26 36	3 17	22 18	0 35	6 10	1 24	11 27	1 20	21 11	0 6	2 10	1 31	1 15	15 35	17 36	17 22	19 45	4 44	5 59
T 12	17 56	20 27	2 48	12 27	1 36	26 34	3 18	22 25	0 36	6 10	1 24	11 26	1 20	21 11	0 6	2 10	1 31	1 15	15 35	17 38	17 23	19 45	4 43	5 59
W13	18 11	20 17	1 53	13 12	1 28	26 31	3 18	22 32	0 36	6 10	1 23	11 25	1 21	21 12	0 6	2 9	1 31	1 16	15 35	17 39	17 24	19 44	4 42	6 0
T 14	18 26	19 12	0 52	13 58	1 19	26 28	3 18	22 38	0 37	6 10	1 23	11 24	1 21	21 13	0 6	2 9	1 31	1 16	15 35	17 39	17 25	19 44	4 41	6 0
F 15	18 40	17 18	0n10	14 43	1 10	26 25	3 18	22 44	0 37	6 10	1 23	11 23	1 21	21 13	0 6	2 8	1 31	1 16	15 35	17 39	17 25	19 44	4 40	6 0
S 16	18 55	14 38	1 13	15 28	1 0	26 20	3 18	22 51	0 38	6 10	1 23	11 22	1 21	21 14	0 6	2 8	1 31	1 17	15 35	17 39	17 26	19 43	4 40	6 1
S 17	19 9	11 19	2 13	16 12	0 51	26 16	3 18	22 56	0 38	6 10	1 23	11 21	1 21	21 14	0 6	2 8	1 31	1 17	15 35	17 39	17 27	19 43	4 39	6 1
M18	19 22	7 28	3 8	16 56	0 40	26 10	3 17	23 2	0 39	6 9	1 22	11 20	1 22	21 15	0 6	2 7	1 31	1 17	15 35	17 40	17 28	19 43	4 38	6 1
T 19	19 36	3 11	3 56	17 40	0 30	26 5	3 16	23 7	0 39	6 9	1 22	11 19	1 22	21 16	0 6	2 7	1 31	1 18	15 35	17 41	17 29	19 42	4 37	6 2
W20	19 48	1s23	4 33	18 22	0 20	25 58	3 15	23 13	0 40	6 8	1 22	11 19	1 22	21 16	0 6	2 7	1 31	1 18	15 35	17 43	17 30	19 42	4 37	6 2
T 21	20 1	6 1	4 56	19 4	0 9	25 52	3 14	23 18	0 40	6 8	1 22	11 18	1 22	21 17	0 6	2 6	1 31	1 18	15 35	17 45	17 31	19 41	4 36	6 2
F 22	20 13	10 29	5 3	19 44	0n 1	25 45	3 13	23 23	0 40	6 7	1 21	11 17	1 22	21 17	0 6	2 6	1 31	1 19	15 35	17 48	17 32	19 41	4 35	6 3
S 23	20 25	14 29	4 51	20 22	0 12	25 37	3 12	23 27	0 41	6 6	1 21	11 17	1 23	21 18	0 6	2 6	1 31	1 19	15 35	17 51	17 32	19 41	4 35	6 3
S 24	20 37	17 42	4 20	21 0	0 22	25 29	3 10	23 32	0 41	6 6	1 21	11 16	1 23	21 19	0 6	2 5	1 31	1 19	15 35	17 53	17 33	19 40	4 34	6 3
M25	20 48	19 48	3 32	21 35	0 33	25 21	3 8	23 36	0 42	6 5	1 21	11 15	1 23	21 19	0 6	2 5	1 31	1 19	15 35	17 55	17 34	19 40	4 33	6 4
T 26	20 59	20 34	2 30	22 8	0 43	25 12	3 6	23 40	0 42	6 4	1 21	11 15	1 23	21 20	0 6	2 5	1 31	1 20	15 35	17 57	17 35	19 40	4 33	6 4
W27	21 9	19 56	1 17	22 39	0 52	25 3	3 4	23 43	0 43	6 3	1 20	11 14	1 23	21 20	0 6	2 5	1 31	1 20	15 36	17 57	17 36	19 39	4 32	6 4
T 28	21 19	17 59	0 1	23 7	1 2	24 53	3 2	23 47	0 43	6 2	1 20	11 14	1 24	21 21	0 6	2 4	1 31	1 20	15 36	17 58	17 37	19 39	4 32	6 5
F 29	21 29	14 56	1s15	23 33	1 10	24 43	2 59	23 50	0 44	6 0	1 20	11 13	1 24	21 22	0 6	2 4	1 31	1 20	15 36	17 58	17 38	19 38	4 31	6 5
S 30	21 39	11 5	2 24	23 56	1 19	24 33	2 56	23 53	0 44	5 59	1 20	11 13	1 24	21 22	0 6	2 4	1 30	1 21	15 36	17 57	17 38	19 38	4 31	6 5
S 31	21n48	6s42	3s24	24n17	1n27	24n22	2n53	23n56	0n44	5n58	1n20	11s13	1s24	21n23	0s 6	2s 4	1n30	1n21	15s36	17n58	17n39	19n38	4s30	6n 6

Julian Day Number = 2492206.5, Delta T = 98.68 sec
Ecliptic obliquity = 23°25'23, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°17'45, Lahiri = 25°24'45

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ASTRODIENST EPHEMERIS for the year 2111
geocentric

JUNE 2111 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 35 39	10♊ 0'42	4♈30	19♊43	23♋21	22♊58	18♍ 2	4♓23	7♊ 7	8°R41	14♉56	9°R 5	10♌13	26♋41	3♓35	M 1
T 2	16 39 36	10°58'15	17°47	21°47	24° 4	23°39	18° 5	4°24	7°11	8♎41	14°57	9♌ 0	10°10	26°47	3°36	T 2
W 3	16 43 32	11°55'47	0♉49	23°50	24°46	24°19	18° 8	4°26	7°14	8°40	14°58	8°53	10° 7	26°54	3°36	W 3
T 4	16 47 29	12°53'19	13°40	25°51	25°28	25° 0	18°12	4°27	7°18	8°39	14°59	8°44	10° 4	27° 1	3°36	T 4
F 5	16 51 25	13°50'50	26°18	27°49	26° 8	25°40	18°16	4°28	7°21	8°39	15° 1	8°35	10° 1	27° 7	3°36	F 5
S 6	16 55 22	14°48'19	8♊44	29°45	26°48	26°21	18°19	4°29	7°25	8°39	15° 2	8°25	9°57	27°14	3°36	S 6
S 7	16 59 18	15°45'48	20°59	1♋38	27°26	27° 1	18°23	4°30	7°28	8°38	15° 3	8°16	9°54	27°21	3°R36	S 7
M 8	17 3 15	16°43'16	3♋ 4	3°29	28° 3	27°42	18°27	4°30	7°32	8°38	15° 4	8° 9	9°51	27°27	3°36	M 8
T 9	17 7 11	17°40'43	15° 1	5°18	28°39	28°22	18°32	4°31	7°35	8°37	15° 5	8° 4	9°48	27°34	3°36	T 9
W10	17 11 8	18°38'09	26°50	7° 4	29°13	29° 2	18°36	4°32	7°39	8°37	15° 7	8° 1	9°45	27°40	3°36	W10
T 11	17 15 5	19°35'34	8♌37	8°47	29°46	29°43	18°41	4°32	7°42	8°37	15° 8	8°D 1	9°42	27°47	3°36	T 11
F 12	17 19 1	20°32'58	20°24	10°28	0♌18	0♋23	18°45	4°33	7°46	8°36	15° 9	8° 1	9°38	27°54	3°36	F 12
S 13	17 22 58	21°30'21	2♍17	12° 6	0°49	1° 3	18°50	4°33	7°49	8°36	15°10	8° 3	9°35	28° 0	3°35	S 13
S 14	17 26 54	22°27'42	14°19	13°42	1°17	1°43	18°55	4°33	7°53	8°36	15°11	8° 4	9°32	28° 7	3°35	S 14
M15	17 30 51	23°25'03	26°37	15°14	1°45	2°23	19° 0	4°R33	7°56	8°36	15°12	8°R 4	9°29	28°14	3°35	M15
T 16	17 34 47	24°22'23	9♎15	16°44	2°10	3° 4	19° 6	4°33	7°59	8°36	15°13	8° 3	9°26	28°20	3°34	T 16
W17	17 38 44	25°19'41	22°17	18°12	2°34	3°44	19°11	4°33	8° 3	8°35	15°15	8° 0	9°22	28°27	3°34	W17
T 18	17 42 40	26°16'59	5♏46	19°36	2°57	4°24	19°17	4°33	8° 6	8°35	15°16	7°55	9°19	28°34	3°33	T 18
F 19	17 46 37	27°14'16	19°43	20°58	3°17	5° 4	19°23	4°32	8°10	8°35	15°17	7°50	9°16	28°40	3°32	F 19
S 20	17 50 34	28°11'33	4♐ 6	22°17	3°36	5°44	19°29	4°32	8°13	8°D35	15°18	7°44	9°13	28°47	3°32	S 20
S 21	17 54 30	29° 8'48	18°51	23°33	3°53	6°23	19°35	4°31	8°16	8°35	15°19	7°38	9°10	28°54	3°31	S 21
M22	17 58 27	0♋ 6'03	3♑50	24°46	4° 8	7° 3	19°41	4°31	8°20	8°35	15°20	7°34	9° 7	29° 0	3°30	M22
T 23	18 2 23	1° 3'18	18°54	25°56	4°20	7°43	19°47	4°30	8°23	8°35	15°21	7°31	9° 3	29° 7	3°29	T 23
W24	18 6 20	2° 0'32	3♒55	27° 3	4°31	8°23	19°54	4°29	8°26	8°36	15°22	7°D30	9° 0	29°14	3°28	W24
T 25	18 10 16	2°57'46	18°44	28° 7	4°40	9° 3	20° 0	4°28	8°30	8°36	15°23	7°30	8°57	29°20	3°27	T 25
F 26	18 14 13	3°55'00	3♓15	29° 7	4°46	9°43	20° 7	4°27	8°33	8°36	15°24	7°31	8°54	29°27	3°26	F 26
S 27	18 18 9	4°52'14	17°27	0♌ 5	4°50	10°22	20°14	4°26	8°36	8°36	15°25	7°33	8°51	29°33	3°25	S 27
S 28	18 22 6	5°49'27	1♈16	0°59	4°R52	11° 2	20°21	4°25	8°39	8°36	15°26	7°R34	8°48	29°40	3°24	S 28
M29	18 26 3	6°46'41	14°44	1°49	4°52	11°42	20°28	4°24	8°43	8°37	15°27	7°33	8°44	29°47	3°23	M29
T 30	18 29 59	7♋43'54	27♈53	2♌36	4♌49	12♋21	20♍35	4♓22	8♊46	8♎37	15♉27	7♌32	8♌41	29♋53	3♓21	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n56	2s 4	4s12	24n35	1n34	24n12	2n50	23n59	0n45	5n57	1n19	11s12	1s24	21n23	0s 6	2s 3	1n30	1n21	15s36	17n58	17n40	19n37	4s30	6n 6
T 2	22 4	2n35	4 45	24 50	1 40	24 0	2 46	24 1	0 45	5 55	1 19	11 12	1 25	21 24	0 6	2 3	1 30	1 21	15 36	18 0	17 41	19 37	4 29	6 6
W 3	22 12	7 2	5 2	25 3	1 46	23 49	2 42	24 4	0 46	5 54	1 19	11 12	1 25	21 25	0 6	2 3	1 30	1 22	15 36	18 1	17 42	19 36	4 29	6 7
T 4	22 20	11 5	5 4	25 12	1 51	23 37	2 38	24 6	0 46	5 52	1 19	11 12	1 25	21 25	0 6	2 3	1 30	1 22	15 36	18 4	17 43	19 36	4 28	6 7
F 5	22 27	14 36	4 51	25 20	1 55	23 25	2 34	24 8	0 47	5 51	1 18	11 11	1 25	21 26	0 6	2 3	1 30	1 22	15 37	18 6	17 44	19 35	4 28	6 7
S 6	22 33	17 24	4 24	25 24	1 59	23 13	2 29	24 9	0 47	5 49	1 18	11 11	1 25	21 26	0 6	2 3	1 30	1 22	15 37	18 9	17 44	19 35	4 28	6 8
S 7	22 40	19 22	3 45	25 27	2 2	23 1	2 24	24 11	0 47	5 47	1 18	11 11	1 26	21 27	0 6	2 2	1 30	1 22	15 37	18 11	17 45	19 35	4 27	6 8
M 8	22 46	20 26	2 57	25 26	2 4	22 49	2 19	24 12	0 48	5 45	1 18	11 11	1 26	21 27	0 6	2 2	1 30	1 23	15 37	18 13	17 46	19 34	4 27	6 8
T 9	22 51	20 35	2 1	25 24	2 5	22 36	2 14	24 13	0 48	5 44	1 18	11 11	1 26	21 28	0 6	2 2	1 30	1 23	15 37	18 14	17 47	19 34	4 27	6 9
W10	22 56	19 48	1 0	25 19	2 6	22 23	2 8	24 14	0 49	5 42	1 17	11 11	1 26	21 29	0 6	2 2	1 30	1 23	15 37	18 15	17 48	19 33	4 27	6 9
T 11	23 1	18 9	0n 3	25 13	2 5	22 10	2 2	24 14	0 49	5 40	1 17	11 11	1 27	21 29	0 6	2 2	1 30	1 23	15 37	18 15	17 49	19 33	4 26	6 9
F 12	23 5	15 44	1 7	25 5	2 4	21 57	1 56	24 15	0 49	5 38	1 17	11 11	1 27	21 30	0 6	2 2	1 30	1 23	15 38	18 15	17 50	19 32	4 26	6 9
S 13	23 9	12 38	2 8	24 54	2 3	21 44	1 49	24 15	0 50	5 36	1 17	11 11	1 27	21 30	0 6	2 2	1 30	1 23	15 38	18 15	17 50	19 32	4 26	6 10
S 14	23 13	9 0	3 4	24 42	2 0	21 31	1 42	24 15	0 50	5 33	1 17	11 11	1 27	21 31	0 6	2 2	1 30	1 24	15 38	18 14	17 51	19 31	4 26	6 10
M15	23 16	4 54	3 53	24 29	1 57	21 18	1 35	24 15	0 50	5 31	1 16	11 12	1 27	21 31	0 6	2 2	1 30	1 24	15 38	18 14	17 52	19 31	4 26	6 10
T 16	23 18	0 31	4 32	24 14	1 53	21 4	1 27	24 14	0 51	5 29	1 16	11 12	1 28	21 32	0 6	2 2	1 30	1 24	15 38	18 15	17 53	19 30	4 25	6 11
W17	23 20	4s 3	4 59	23 58	1 48	20 51	1 19	24 13	0 51	5 27	1 16	11 12	1 28	21 33	0 6	2 2	1 30	1 24	15 38	18 15	17 54	19 30	4 25	6 11
T 18	23 22	8 33	5 10	23 41	1 43	20 38	1 11	24 13	0 52	5 24	1 16	11 12	1 28	21 33	0 6	2 2	1 30	1 24	15 39	18 16	17 55	19 29	4 25	6 11
F 19	23 24	12 46	5 4	23 23	1 37	20 25	1 2	24 11	0 52	5 22	1 16	11 13	1 28	21 34	0 6	2 2	1 30	1 24	15 39	18 18	17 55	19 29	4 25	6 12
S 20	23 25	16 24	4 38	23 4	1 30	20 12	0 53	24 10	0 52	5 19	1 15	11 13	1 28	21 34	0 6	2 2	1 30	1 24	15 39	18 19	17 56	19 29	4 25	6 12
S 21	23 25	19 4	3 54	22 44	1 22	19 59	0 44	24 9	0 53	5 17	1 15	11 13	1 29	21 35	0 6	2 2	1 30	1 24	15 39	18 21	17 57	19 28	4 25	6 12
M22	23 25	20 29	2 53	22 23	1 14	19 46	0 34	24 7	0 53	5 14	1 15	11 14	1 29	21 35	0 6	2 2	1 30	1 25	15 39	18 22	17 58	19 28	4 25	6 13
T 23	23 25	20 27	1 40	22 1	1 6	19 33	0 24	24 5	0 53	5 11	1 15	11 14	1 29	21 36	0 6	2 2	1 29	1 25	15 40	18 23	17 59	19 27	4 25	6 13
W24	23 24	18 57	0 20	21 39	0 56	19 20	0 13	24 3	0 54	5 9	1 15	11 15	1 29	21 36	0 6	2 2	1 29	1 25	15 40	18 23	18 0	19 26	4 25	6 13
T 25	23 23	16 10	1s 1	21 17	0 46	19 8	0 3	24 1	0 54	5 6	1 15	11 15	1 30	21 37	0 6	2 2	1 29	1 25	15 40	18 23	18 0	19 26	4 25	6 14
F 26	23 22	12 25	2 16	20 54	0 36	18 55	0s 9	23 58	0 54	5 3	1 14	11 16	1 30	21 37	0 6	2 2	1 29	1 25	15 40	18 23	18 1	19 25	4 25	6 14
S 27	23 20	8 3	3 21	20 32	0 25	18 43	0 20	23 56	0 55	5 0	1 14	11 16	1 30	21 38	0 6	2 2	1 29	1 25	15 40	18 22	18 2	19 25	4 26	6 14
S 28	23 18	3 22	4 13	20 9	0 13	18 31	0 32	23 53	0 55	4 57	1 14	11 17	1 30	21 38	0 6	2 3	1 29	1 25	15 41	18 22	18 3	19 24	4 26	6 14
M29	23 15	1n22	4 49	19 46	0 1	18 19	0 44	23 50	0 55	4 54	1 14	11 18	1 30	21 39	0 6	2 3	1 29	1 25	15 41	18 22	18 4	19 24	4 26	6 15
T 30	23n12	5n54	5s 9	19n23	0s11	18n 8	0s57	23n46	0n56	4n51	1n14	11s18	1s31	21n39	0s 6	2s 3	1n29	1n25	15s41	18n22	18n 5	19n23	4s26	6n15

Julian Day Number = 2492237.5, Delta T = 98.73 sec
Ecliptic obliquity = 23°25'23, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°17'49, Lahiri = 25°24'49

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ASTRODIENST EPHEMERIS for the year 2111
geocentric

JULY 2111 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 33 56	8♋41'08	10♉44	3♌19	4°R44	13♋ 1	20♍43	4°R21	8♊49	8♎37	15♉28	7°R29	8♌38	0♌ 0	3°R20	W 1
T 2	18 37 52	9°38'22	23°19	3°59	4♌37	13°41	20°50	4♓19	8°52	8°38	15°29	7♌25	8°35	0° 7	3♓19	T 2
F 3	18 41 49	10°35'35	5♊42	4°34	4°27	14°20	20°58	4°18	8°55	8°38	15°30	7°21	8°32	0°13	3°17	F 3
S 4	18 45 45	11°32'49	17°53	5° 5	4°15	15° 0	21° 6	4°16	8°58	8°38	15°31	7°17	8°28	0°20	3°16	S 4
S 5	18 49 42	12°30'03	29°56	5°33	4° 0	15°39	21°13	4°14	9° 1	8°39	15°32	7°13	8°25	0°27	3°14	S 5
M 6	18 53 38	13°27'17	11♋51	5°55	3°43	16°19	21°22	4°12	9° 4	8°39	15°33	7°10	8°22	0°33	3°12	M 6
T 7	18 57 35	14°24'30	23°42	6°14	3°24	16°58	21°30	4°10	9° 7	8°40	15°33	7° 8	8°19	0°40	3°11	T 7
W 8	19 1 32	15°21'44	5♌29	6°28	3° 3	17°37	21°38	4° 8	9°10	8°40	15°34	7°D 7	8°16	0°47	3° 9	W 8
T 9	19 5 28	16°18'58	17°15	6°37	2°39	18°17	21°46	4° 6	9°13	8°41	15°35	7° 8	8°13	0°53	3° 7	T 9
F 10	19 9 25	17°16'11	29° 4	6°R42	2°13	18°56	21°55	4° 3	9°16	8°42	15°36	7° 9	8° 9	1° 0	3° 5	F 10
S 11	19 13 21	18°13'24	10♍59	6°42	1°46	19°35	22° 3	4° 1	9°19	8°42	15°36	7°10	8° 6	1° 7	3° 4	S 11
S 12	19 17 18	19°10'37	23° 4	6°37	1°16	20°15	22°12	3°58	9°22	8°43	15°37	7°12	8° 3	1°13	3° 2	S 12
M13	19 21 14	20° 7'50	5♎22	6°27	0°45	20°54	22°21	3°56	9°25	8°44	15°38	7°13	8° 0	1°20	3° 0	M13
T 14	19 25 11	21° 5'03	17°58	6°13	0°12	21°33	22°30	3°53	9°28	8°44	15°38	7°R13	7°57	1°26	2°58	T 14
W15	19 29 7	22° 2'16	0♏56	5°55	29♋38	22°12	22°39	3°51	9°31	8°45	15°39	7°13	7°54	1°33	2°56	W15
T 16	19 33 4	22°59'29	14°20	5°32	29° 3	22°52	22°48	3°48	9°33	8°46	15°40	7°12	7°50	1°40	2°54	T 16
F 17	19 37 1	23°56'42	28°10	5° 5	28°27	23°31	22°57	3°45	9°36	8°47	15°40	7°11	7°47	1°46	2°52	F 17
S 18	19 40 57	24°53'55	12♐28	4°35	27°50	24°10	23° 6	3°42	9°39	8°48	15°41	7°10	7°44	1°53	2°49	S 18
S 19	19 44 54	25°51'09	27° 9	4° 1	27°13	24°49	23°16	3°39	9°42	8°49	15°42	7° 8	7°41	2° 0	2°47	S 19
M20	19 48 50	26°48'22	12♑ 9	3°25	26°35	25°28	23°25	3°36	9°44	8°50	15°42	7° 7	7°38	2° 6	2°45	M20
T 21	19 52 47	27°45'36	27°20	2°46	25°58	26° 7	23°35	3°33	9°47	8°51	15°43	7° 7	7°34	2°13	2°43	T 21
W22	19 56 43	28°42'50	12♒32	2° 6	25°20	26°46	23°44	3°29	9°50	8°52	15°43	7°D 7	7°31	2°20	2°40	W22
T 23	20 0 40	29°40'05	27°35	1°24	24°44	27°25	23°54	3°26	9°52	8°53	15°44	7° 7	7°28	2°26	2°38	T 23
F 24	20 4 37	0♌37'20	12♓22	0°43	24° 8	28° 4	24° 4	3°23	9°55	8°54	15°44	7° 8	7°25	2°33	2°35	F 24
S 25	20 8 33	1°34'36	26°47	0° 2	23°33	28°43	24°14	3°19	9°57	8°55	15°45	7° 8	7°22	2°40	2°33	S 25
S 26	20 12 30	2°31'53	10♈47	29♋23	22°59	29°22	24°24	3°16	10° 0	8°56	15°45	7° 8	7°19	2°46	2°31	S 26
M27	20 16 26	3°29'10	24°21	28°45	22°26	0♌ 1	24°34	3°12	10° 2	8°57	15°45	7° 9	7°15	2°53	2°28	M27
T 28	20 20 23	4°26'29	7♉30	28°10	21°55	0°40	24°45	3° 9	10° 4	8°58	15°46	7°R 9	7°12	3° 0	2°25	T 28
W29	20 24 19	5°23'49	20°17	27°38	21°26	1°19	24°55	3° 5	10° 7	8°59	15°46	7° 9	7° 9	3° 6	2°23	W29
T 30	20 28 16	6°21'09	2♊46	27°11	20°58	1°57	25° 5	3° 1	10° 9	9° 0	15°47	7° 9	7° 6	3°13	2°20	T 30
F 31	20 32 12	7♌18'31	14♊59	26♋47	20♋33	2♌36	25♍16	2♓57	10♊11	9♎ 2	15♉47	7°D 9	7♌ 3	3♌19	2♓18	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	23n 8	10n 4	5s13	19n 0	0s24	17n57	1s 9	23n43	0n56	4n48	1n13	11s19	1s31	21n40	0s 6	2s 3	1n29	1n25	15s41	18n23	18n 5	19n23	4s26	6n15	W 1
T 2	23 4	13 43	5 2	18 38	0 38	17 46	1 22	23 39	0 56	4 45	1 13	11 20	1 31	21 40	0 6	2 3	1 29	1 25	15 42	18 24	18 6	19 22	4 27	6 16	T 2
F 3	23 0	16 42	4 36	18 16	0 52	17 35	1 36	23 35	0 57	4 42	1 13	11 21	1 31	21 41	0 6	2 3	1 29	1 25	15 42	18 25	18 7	19 22	4 27	6 16	F 3
S 4	22 55	18 55	3 59	17 55	1 6	17 25	1 49	23 31	0 57	4 39	1 13	11 22	1 31	21 41	0 6	2 4	1 29	1 25	15 42	18 26	18 8	19 21	4 27	6 16	S 4
S 5	22 50	20 15	3 11	17 34	1 21	17 15	2 3	23 27	0 57	4 36	1 13	11 22	1 32	21 42	0 6	2 4	1 29	1 25	15 42	18 27	18 9	19 21	4 27	6 16	S 5
M 6	22 45	20 39	2 15	17 14	1 36	17 5	2 17	23 23	0 57	4 32	1 13	11 23	1 32	21 42	0 6	2 4	1 29	1 25	15 43	18 28	18 10	19 20	4 28	6 17	M 6
T 7	22 39	20 8	1 13	16 55	1 51	16 56	2 31	23 18	0 58	4 29	1 12	11 24	1 32	21 43	0 6	2 4	1 29	1 25	15 43	18 29	18 10	19 19	4 28	6 17	T 7
W 8	22 32	18 44	0 9	16 37	2 6	16 47	2 45	23 13	0 58	4 25	1 12	11 25	1 32	21 43	0 6	2 5	1 29	1 25	15 43	18 29	18 11	19 19	4 28	6 17	W 8
T 9	22 26	16 32	0n56	16 20	2 21	16 39	2 59	23 8	0 58	4 22	1 12	11 26	1 32	21 44	0 6	2 5	1 29	1 25	15 43	18 29	18 12	19 18	4 29	6 17	T 9
F 10	22 19	13 38	1 58	16 4	2 36	16 30	3 14	23 3	0 59	4 19	1 12	11 27	1 33	21 44	0 6	2 5	1 29	1 25	15 44	18 28	18 13	19 18	4 29	6 18	F 10
S 11	22 11	10 10	2 57	15 49	2 51	16 23	3 28	22 58	0 59	4 15	1 12	11 28	1 33	21 45	0 5	2 5	1 29	1 25	15 44	18 28	18 14	19 17	4 30	6 18	S 11
S 12	22 3	6 14	3 48	15 36	3 6	16 15	3 42	22 52	0 59	4 11	1 12	11 29	1 33	21 45	0 5	2 6	1 29	1 25	15 44	18 28	18 15	19 17	4 30	6 18	S 12
M13	21 55	2 0	4 29	15 24	3 21	16 8	3 56	22 47	1 0	4 8	1 12	11 30	1 33	21 45	0 5	2 6	1 29	1 25	15 44	18 27	18 15	19 16	4 31	6 18	M13
T 14	21 46	2s26	4 59	15 14	3 35	16 2	4 9	22 41	1 0	4 4	1 11	11 32	1 33	21 46	0 5	2 6	1 29	1 24	15 45	18 27	18 16	19 15	4 31	6 19	T 14
W15	21 37	6 52	5 15	15 6	3 48	15 56	4 23	22 35	1 0	4 0	1 11	11 33	1 34	21 46	0 5	2 7	1 29	1 24	15 45	18 27	18 17	19 15	4 32	6 19	W15
T 16	21 28	11 7	5 14	14 59	4 1	15 50	4 36	22 29	1 0	3 57	1 11	11 34	1 34	21 47	0 5	2 7	1 28	1 24	15 45	18 27	18 18	19 14	4 32	6 19	T 16
F 17	21 18	14 56	4 56	14 54	4 13	15 45	4 49	22 22	1 1	3 53	1 11	11 35	1 34	21 47	0 5	2 7	1 28	1 24	15 45	18 28	18 19	19 13	4 33	6 19	F 17
S 18	21 8	18 0	4 19	14 50	4 23	15 40	5 1	22 16	1 1	3 49	1 11	11 36	1 34	21 48	0 5	2 8	1 28	1 24	15 46	18 28	18 19	19 13	4 33	6 19	S 18
S 19	20 58	19 59	3 24	14 49	4 33	15 35	5 13	22 9	1 1	3 45	1 11	11 38	1 34	21 48	0 5	2 8	1 28	1 24	15 46	18 28	18 20	19 12	4 34	6 20	S 19
M20	20 47	20 38	2 14	14 49	4 41	15 31	5 24	22 2	1 1	3 41	1 10	11 39	1 34	21 48	0 5	2 9	1 28	1 24	15 46	18 29	18 21	19 12	4 34	6 20	M20
T 21	20 36	19 48	0 54	14 51	4 48	15 28	5 34	21 55	1 2	3 37	1 10	11 40	1 35	21 49	0 5	2 9	1 28	1 24	15 47	18 29	18 22	19 11	4 35	6 20	T 21
W22	20 24	17 31	0s30	14 55	4 53	15 24	5 44	21 48	1 2	3 34	1 10	11 42	1 35	21 49	0 5	2 9	1 28	1 24	15 47	18 29	18 23	19 10	4 36	6 20	W22
T 23	20 12	14 3	1 51	15 0	4 57	15 22	5 54	21 41	1 2	3 30	1 10	11 43	1 35	21 50	0 5	2 10	1 28	1 23	15 47	18 29	18 23	19 10	4 36	6 20	T 23
F 24	20 0	9 45	3 4	15 7	4 59	15 19	6 2	21 33	1 2	3 25	1 10	11 44	1 35	21 50	0 5	2 10	1 28	1 23	15 47	18 29	18 24	19 9	4 37	6 20	F 24
S 25	19 48	4 59	4 3	15 16	4 59	15 17	6 10	21 26	1 3	3 21	1 10	11 46	1 35	21 50	0 5	2 11	1 28	1 23	15 48	18 29	18 25	19 8	4 38	6 21	S 25
S 26	19 35	0 6	4 45	15 25	4 57	15 16	6 17	21 18	1 3	3 17	1 10	11 47	1 35	21 51	0 5	2 11	1 28	1 23	15 48	18 28	18 26	19 8	4 39	6 21	S 26
M27	19 22	4n37	5 10	15 36	4 54	15 14	6 24	21 10	1 3	3 13	1 10	11 49	1 36	21 51	0 5	2 12	1 28	1 23	15 48	18 28	18 27	19 7	4 39	6 21	M27
T 28	19 8	8 59	5 18	15 48	4 49	15 14	6 30	21 2	1 3	3 9	1 9	11 50	1 36	21 51	0 5	2 12	1 28	1 23	15 49	18 28	18 28	19 6	4 40	6 21	T 28
W29	18 54	12 50	5 10	16 0	4 42	15 13	6 35	20 53	1 4	3 5	1 9	11 52	1 36	21 52	0 5	2 13	1 28	1 22	15 49	18 28	18 28	19 6	4 41	6 21	W29
T 30	18 40	16 0	4 47	16 14	4 34	15 13	6 39	20 45	1 4	3 1	1 9	11 53	1 36	21 52	0 5	2 13	1 28	1 22	15 49	18 28	18 29	19 5	4 42	6 21	T 30
F 31	18n26	18n25	4s11	16n27	4s25	15n13	6s42	20n36	1n 4	2n56	1n 9	11s55	1s36	21n52	0s 5	2s14	1n28	1n22	15s50	18n28	18n30	19n 4	4s42	6n21	F 31

Julian Day Number = 2492267.5, Delta T = 98.77 sec
Ecliptic obliquity = 23°25'23, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°17'53, Lahiri = 25°24'54

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ASTRODIENST EPHEMERIS for the year 2111
geocentric

AUGUST 2111 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 36 9	8♌15'53	27♊ 1	26°R29	20°R10	3♌15	25♍26	2°R54	10♊13	9♎ 3	15♉47	7♌ 9	7♌ 0	3♌26	2°R15	S 1
S 2	20 40 5	9°13'17	8♋55	26♋16	19♋49	3°54	25°37	2♓50	10°16	9° 4	15°48	7° 9	6°56	3°33	2♓12	S 2
M 3	20 44 2	10°10'41	20°45	26° 9	19°30	4°33	25°48	2°46	10°18	9° 6	15°48	7° 9	6°53	3°39	2°10	M 3
T 4	20 47 59	11° 8'06	2♌32	26°D 8	19°13	5°11	25°58	2°42	10°20	9° 7	15°48	7°R 9	6°50	3°46	2° 7	T 4
W 5	20 51 55	12° 5'32	14°19	26°13	18°59	5°50	26° 9	2°38	10°22	9° 8	15°48	7° 9	6°47	3°53	2° 4	W 5
T 6	20 55 52	13° 3'00	26° 9	26°25	18°47	6°29	26°20	2°33	10°24	9°10	15°49	7° 9	6°44	3°59	2° 1	T 6
F 7	20 59 48	14° 0'27	8♍ 4	26°43	18°38	7° 7	26°31	2°29	10°26	9°11	15°49	7° 8	6°40	4° 6	1°58	F 7
S 8	21 3 45	14°57'56	20° 6	27° 8	18°31	7°46	26°42	2°25	10°28	9°13	15°49	7° 7	6°37	4°13	1°55	S 8
S 9	21 7 41	15°55'26	2♎18	27°39	18°26	8°25	26°53	2°21	10°30	9°14	15°49	7° 6	6°34	4°19	1°53	S 9
M10	21 11 38	16°52'56	14°42	28°16	18°23	9° 3	27° 5	2°17	10°32	9°16	15°49	7° 5	6°31	4°26	1°50	M10
T 11	21 15 34	17°50'27	27°21	29° 1	18°D23	9°42	27°16	2°12	10°34	9°17	15°49	7° 4	6°28	4°33	1°47	T 11
W12	21 19 31	18°47'59	10♏19	29°51	18°26	10°20	27°27	2° 8	10°35	9°19	15°49	7° 3	6°25	4°39	1°44	W12
T 13	21 23 28	19°45'32	23°37	0♌48	18°30	10°59	27°39	2° 4	10°37	9°20	15°50	7°D 3	6°21	4°46	1°41	T 13
F 14	21 27 24	20°43'06	7♐19	1°51	18°37	11°38	27°50	1°59	10°39	9°22	15°50	7° 4	6°18	4°52	1°38	F 14
S 15	21 31 21	21°40'40	21°24	3° 0	18°46	12°16	28° 2	1°55	10°40	9°23	15°50	7° 5	6°15	4°59	1°35	S 15
S 16	21 35 17	22°38'16	5♑52	4°15	18°57	12°54	28°13	1°50	10°42	9°25	15°R50	7° 6	6°12	5° 6	1°32	S 16
M17	21 39 14	23°35'52	20°39	5°35	19°10	13°33	28°25	1°46	10°44	9°27	15°50	7° 7	6° 9	5°12	1°29	M17
T 18	21 43 10	24°33'30	5♒41	7° 1	19°25	14°11	28°37	1°41	10°45	9°28	15°50	7°R 7	6° 6	5°19	1°26	T 18
W19	21 47 7	25°31'08	20°48	8°31	19°42	14°50	28°48	1°37	10°47	9°30	15°50	7° 7	6° 2	5°26	1°23	W19
T 20	21 51 3	26°28'48	5♓53	10° 6	20° 1	15°28	29° 0	1°32	10°48	9°32	15°49	7° 5	5°59	5°32	1°20	T 20
F 21	21 55 0	27°26'29	20°47	11°45	20°21	16° 7	29°12	1°28	10°49	9°34	15°49	7° 3	5°56	5°39	1°17	F 21
S 22	21 58 57	28°24'12	5♈21	13°28	20°44	16°45	29°24	1°23	10°51	9°35	15°49	7° 1	5°53	5°46	1°14	S 22
S 23	22 2 53	29°21'56	19°30	15°15	21° 8	17°23	29°36	1°19	10°52	9°37	15°49	6°58	5°50	5°52	1°11	S 23
M24	22 6 50	0♍19'42	3♉11	17° 4	21°34	18° 2	29°48	1°14	10°53	9°39	15°49	6°55	5°46	5°59	1° 8	M24
T 25	22 10 46	1°17'29	16°26	18°56	22° 2	18°40	29°59	1°10	10°54	9°41	15°49	6°53	5°43	6° 6	1° 5	T 25
W26	22 14 43	2°15'18	29°15	20°50	22°31	19°18	0♎12	1° 5	10°55	9°43	15°49	6°D52	5°40	6°12	1° 2	W26
T 27	22 18 39	3°13'09	11♊42	22°46	23° 1	19°57	0°24	1° 1	10°57	9°44	15°48	6°53	5°37	6°19	0°59	T 27
F 28	22 22 36	4°11'02	23°53	24°43	23°33	20°35	0°36	0°56	10°58	9°46	15°48	6°54	5°34	6°25	0°56	F 28
S 29	22 26 32	5° 8'56	5♋51	26°40	24° 6	21°13	0°49	0°52	10°59	9°48	15°48	6°55	5°31	6°32	0°53	S 29
S 30	22 30 29	6° 6'53	17°41	28°39	24°41	21°51	1° 1	0°47	11° 0	9°50	15°48	6°57	5°27	6°39	0°50	S 30
M31	22 34 26	7♍ 4'51	29♋28	0♍38	25♋17	22♌30	1♎13	0♓43	11♊ 0	9♎52	15♉47	6♌58	5♌24	6♌45	0♓47	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n11	19n58	3s25	16n41	4s14	15n14	6s45	20n28	1n 4	2n52	1n 9	11s56	1s36	21n53	0s 5	2s14	1n28	1n22	15s50	18n28	18n31	19n 4	4s43	6n22
S 2	17 56	20 37	2 31	16 55	4 2	15 15	6 47	20 19	1 5	2 48	1 9	11 58	1 37	21 53	0 5	2 15	1 28	1 22	15 50	18 28	18 32	19 3	4 44	6 22
M 3	17 41	20 20	1 30	17 9	3 49	15 16	6 49	20 10	1 5	2 43	1 9	11 59	1 37	21 53	0 5	2 15	1 28	1 21	15 50	18 28	18 32	19 2	4 45	6 22
T 4	17 25	19 10	0 26	17 23	3 35	15 17	6 50	20 0	1 5	2 39	1 9	12 1	1 37	21 54	0 5	2 16	1 28	1 21	15 51	18 28	18 33	19 2	4 46	6 22
W 5	17 9	17 9	0n40	17 37	3 20	15 19	6 50	19 51	1 5	2 35	1 9	12 2	1 37	21 54	0 5	2 17	1 28	1 21	15 51	18 28	18 34	19 1	4 47	6 22
T 6	16 53	14 25	1 44	17 50	3 5	15 21	6 50	19 42	1 5	2 30	1 8	12 4	1 37	21 54	0 5	2 17	1 28	1 21	15 51	18 28	18 35	19 0	4 48	6 22
F 7	16 37	11 4	2 43	18 2	2 49	15 23	6 49	19 32	1 6	2 26	1 8	12 6	1 37	21 55	0 5	2 18	1 28	1 21	15 52	18 29	18 36	19 0	4 49	6 22
S 8	16 20	7 14	3 37	18 13	2 33	15 25	6 47	19 22	1 6	2 21	1 8	12 7	1 37	21 55	0 5	2 18	1 28	1 20	15 52	18 29	18 36	18 59	4 50	6 22
S 9	16 3	3 5	4 21	18 23	2 17	15 27	6 46	19 13	1 6	2 17	1 8	12 9	1 38	21 55	0 5	2 19	1 28	1 20	15 52	18 29	18 37	18 58	4 50	6 22
M10	15 46	1s17	4 53	18 31	2 1	15 30	6 43	19 3	1 6	2 12	1 8	12 11	1 38	21 55	0 5	2 20	1 28	1 20	15 53	18 29	18 38	18 57	4 51	6 22
T 11	15 28	5 39	5 13	18 38	1 44	15 33	6 41	18 53	1 6	2 8	1 8	12 12	1 38	21 56	0 5	2 20	1 28	1 19	15 53	18 30	18 39	18 57	4 52	6 22
W12	15 11	9 53	5 17	18 44	1 28	15 35	6 38	18 42	1 7	2 3	1 8	12 14	1 38	21 56	0 5	2 21	1 28	1 19	15 53	18 30	18 39	18 56	4 53	6 22
T 13	14 53	13 45	5 4	18 48	1 12	15 38	6 34	18 32	1 7	1 58	1 8	12 16	1 38	21 56	0 5	2 21	1 27	1 19	15 53	18 30	18 40	18 55	4 54	6 22
F 14	14 35	17 0	4 34	18 49	0 56	15 41	6 30	18 22	1 7	1 54	1 8	12 17	1 38	21 56	0 5	2 22	1 27	1 19	15 54	18 30	18 41	18 55	4 55	6 23
S 15	14 16	19 22	3 47	18 49	0 41	15 44	6 26	18 11	1 7	1 49	1 8	12 19	1 38	21 57	0 5	2 23	1 27	1 18	15 54	18 29	18 42	18 54	4 56	6 23
S 16	13 58	20 33	2 45	18 46	0 26	15 47	6 22	18 0	1 7	1 44	1 7	12 21	1 38	21 57	0 5	2 23	1 27	1 18	15 54	18 29	18 43	18 53	4 57	6 23
M17	13 39	20 21	1 30	18 40	0 12	15 50	6 17	17 49	1 7	1 40	1 7	12 22	1 38	21 57	0 5	2 24	1 27	1 18	15 55	18 29	18 43	18 52	4 58	6 23
T 18	13 20	18 43	0 8	18 32	0n 2	15 53	6 12	17 38	1 8	1 35	1 7	12 24	1 38	21 57	0 5	2 25	1 27	1 18	15 55	18 29	18 44	18 52	4 59	6 23
W19	13 0	15 44	1s15	18 22	0 15	15 55	6 7	17 27	1 8	1 30	1 7	12 26	1 39	21 58	0 5	2 25	1 27	1 17	15 55	18 29	18 45	18 51	5 1	6 23
T 20	12 41	11 42	2 32	18 8	0 27	15 58	6 2	17 16	1 8	1 25	1 7	12 27	1 39	21 58	0 5	2 26	1 27	1 17	15 56	18 29	18 46	18 50	5 2	6 23
F 21	12 21	7 0	3 38	17 52	0 39	16 0	5 56	17 5	1 8	1 21	1 7	12 29	1 39	21 58	0 5	2 27	1 27	1 17	15 56	18 30	18 47	18 49	5 3	6 22
S 22	12 1	1 59	4 29	17 33	0 49	16 3	5 51	16 54	1 8	1 16	1 7	12 31	1 39	21 58	0 5	2 28	1 27	1 16	15 56	18 30	18 47	18 49	5 4	6 22
S 23	11 41	2n59	5 1	17 12	0 59	16 5	5 45	16 42	1 9	1 11	1 7	12 32	1 39	21 58	0 5	2 28	1 27	1 16	15 57	18 31	18 48	18 48	5 5	6 22
M24	11 21	7 38	5 15	16 47	1 8	16 7	5 39	16 30	1 9	1 6	1 7	12 34	1 39	21 58	0 5	2 29	1 27	1 16	15 57	18 32	18 49	18 47	5 6	6 22
T 25	11 0	11 46	5 11	16 20	1 16	16 9	5 33	16 19	1 9	1 1	1 7	12 36	1 39	21 59	0 5	2 30	1 27	1 15	15 57	18 32	18 50	18 46	5 7	6 22
W26	10 40	15 14	4 52	15 51	1 23	16 11	5 26	16 7	1 9	0 56	1 7	12 38	1 39	21 59	0 5	2 31	1 27	1 15	15 57	18 33	18 50	18 45	5 8	6 22
T 27	10 19	17 54	4 19	15 19	1 29	16 12	5 20	15 55	1 9	0 52	1 7	12 39	1 39	21 59	0 5	2 31	1 27	1 15	15 58	18 32	18 51	18 45	5 9	6 22
F 28	9 58	19 42	3 35	14 45	1 34	16 13	5 14	15 43	1 9	0 47	1 7	12 41	1 39	21 59	0 5	2 32	1 27	1 14	15 58	18 32	18 52	18 44	5 10	6 22
S 29	9 37	20 35	2 43	14 9	1 38	16 14	5 7	15 31	1 9	0 42	1 7	12 43	1 39	21 59	0 5	2 33	1 27	1 14	15 58	18 32	18 53	18 43	5 12	6 22
S 30	9 16	20 32	1 44	13 31	1 41	16 15	5 1	15 19	1 10	0 37	1 6	12 44	1 39	21 59	0 5	2 34	1 27	1 14	15 59	18 31	18 54	18 42	5 13	6 22
M31	8n54	19n35	0s41	12n52	1n44	16n15	4s54	15n 6	1n10	0n32	1n 6	12s46	1s39	22n 0	0s 5	2s34	1n27	1n13	15s59	18n31	18n54	18n41	5s14	6n22

Julian Day Number = 2492298.5, Delta T = 98.81 sec
Ecliptic obliquity = 23°25'23, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°17'57, Lahiri = 25°24'58

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ASTRODIENST EPHEMERIS for the year 2111
geocentric

SEPTEMBER 2111 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 38 22	8♍ 2'50	11♌15	2♍37	25♋54	23♌ 8	1♎26	0°R38	11♊ 1	9♎54	15°R47	6°R59	5♌21	6♌52	0°R44	T 1
W 2	22 42 19	9° 0'52	23° 6	4°35	26°33	23°46	1°38	0♓34	11° 2	9°56	15♉47	6♌57	5°18	6°59	0♓41	W 2
T 3	22 46 15	9°58'55	5♍ 2	6°33	27°12	24°24	1°51	0°29	11° 3	9°58	15°46	6°54	5°15	7° 5	0°38	T 3
F 4	22 50 12	10°56'59	17° 7	8°31	27°53	25° 2	2° 3	0°25	11° 3	10° 0	15°46	6°50	5°11	7°12	0°35	F 4
S 5	22 54 8	11°55'05	29°22	10°28	28°34	25°41	2°16	0°20	11° 4	10° 2	15°46	6°44	5° 8	7°19	0°32	S 5
S 6	22 58 5	12°53'13	11♎47	12°24	29°17	26°19	2°28	0°16	11° 5	10° 4	15°45	6°38	5° 5	7°25	0°29	S 6
M 7	23 2 1	13°51'22	24°25	14°19	0♌ 1	26°57	2°41	0°12	11° 5	10° 6	15°45	6°32	5° 2	7°32	0°26	M 7
T 8	23 5 58	14°49'33	7♏15	16°13	0°45	27°35	2°53	0° 7	11° 6	10° 8	15°44	6°26	4°59	7°39	0°23	T 8
W 9	23 9 55	15°47'46	20°20	18° 7	1°31	28°13	3° 6	0° 3	11° 6	10°10	15°44	6°22	4°56	7°45	0°20	W 9
T 10	23 13 51	16°46'00	3♐40	19°59	2°17	28°51	3°19	29♒59	11° 6	10°12	15°43	6°19	4°52	7°52	0°17	T 10
F 11	23 17 48	17°44'15	17°17	21°50	3° 4	29°29	3°31	29°55	11° 7	10°14	15°43	6°D19	4°49	7°58	0°15	F 11
S 12	23 21 44	18°42'32	1♑12	23°40	3°52	0♍ 7	3°44	29°50	11° 7	10°16	15°42	6°19	4°46	8° 5	0°12	S 12
S 13	23 25 41	19°40'51	15°23	25°28	4°41	0°45	3°57	29°46	11° 7	10°18	15°42	6°20	4°43	8°12	0° 9	S 13
M14	23 29 37	20°39'11	29°52	27°16	5°31	1°23	4°10	29°42	11° 8	10°21	15°41	6°R21	4°40	8°18	0° 6	M14
T 15	23 33 34	21°37'32	14♒33	29° 2	6°21	2° 1	4°22	29°38	11° 8	10°23	15°41	6°21	4°37	8°25	0° 3	T 15
W16	23 37 30	22°35'55	29°23	0♎48	7°12	2°39	4°35	29°34	11° 8	10°25	15°40	6°19	4°33	8°32	0° 1	W16
T 17	23 41 27	23°34'20	14♓14	2°32	8° 4	3°17	4°48	29°30	11°R 8	10°27	15°39	6°15	4°30	8°38	29♒58	T 17
F 18	23 45 24	24°32'46	28°59	4°15	8°56	3°55	5° 1	29°26	11° 8	10°29	15°39	6° 9	4°27	8°45	29°55	F 18
S 19	23 49 20	25°31'15	13♈29	5°57	9°49	4°33	5°14	29°22	11° 8	10°31	15°38	6° 2	4°24	8°52	29°53	S 19
S 20	23 53 17	26°29'45	27°39	7°38	10°43	5°11	5°27	29°19	11° 7	10°34	15°37	5°54	4°21	8°58	29°50	S 20
M21	23 57 13	27°28'18	11♉24	9°18	11°37	5°49	5°39	29°15	11° 7	10°36	15°37	5°46	4°17	9° 5	29°48	M21
T 22	0 1 10	28°26'52	24°42	10°57	12°32	6°27	5°52	29°11	11° 7	10°38	15°36	5°40	4°14	9°12	29°45	T 22
W23	0 5 6	29°25'29	7♊34	12°35	13°28	7° 5	6° 5	29° 8	11° 7	10°40	15°35	5°35	4°11	9°18	29°43	W23
T 24	0 9 3	0♎24'08	20° 4	14°12	14°24	7°43	6°18	29° 4	11° 6	10°42	15°35	5°33	4° 8	9°25	29°40	T 24
F 25	0 12 59	1°22'50	2♋15	15°48	15°20	8°21	6°31	29° 1	11° 6	10°44	15°34	5°D32	4° 5	9°32	29°38	F 25
S 26	0 16 56	2°21'33	14°13	17°23	16°17	8°59	6°44	28°57	11° 6	10°47	15°33	5°33	4° 2	9°38	29°35	S 26
S 27	0 20 52	3°20'19	26° 2	18°57	17°15	9°36	6°57	28°54	11° 5	10°49	15°32	5°33	3°58	9°45	29°33	S 27
M28	0 24 49	4°19'07	7♌49	20°31	18°13	10°14	7°10	28°51	11° 5	10°51	15°31	5°R34	3°55	9°51	29°31	M28
T 29	0 28 46	5°17'57	19°38	22° 3	19°12	10°52	7°23	28°47	11° 4	10°53	15°31	5°33	3°52	9°58	29°28	T 29
W30	0 32 42	6♎16'50	1♍33	23♎34	20♌11	11♍30	7♎36	28♒44	11♊ 3	10♎56	15♉30	5♌29	3♌49	10♌ 5	29♒26	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n33	17n46	0n23	12n11	1n45	16n15	4s47	14n54	1n10	0n27	1n 6	12s47	1s40	22n 0	0s 5	2s35	1n27	1n13	15s59	18n31	18n55	18n41	5s15	6n22
W 2	8 11	15 11	1 27	11 28	1 46	16 15	4 40	14 41	1 10	0 22	1 6	12 49	1 40	22 0	0 5	2 36	1 27	1 12	15 59	18 31	18 56	18 40	5 16	6 22
T 3	7 49	11 57	2 28	10 45	1 46	16 14	4 34	14 29	1 10	0 17	1 6	12 51	1 40	22 0	0 5	2 37	1 27	1 12	16 0	18 32	18 57	18 39	5 17	6 22
F 4	7 27	8 11	3 22	10 0	1 46	16 13	4 27	14 16	1 10	0 12	1 6	12 52	1 40	22 0	0 5	2 37	1 27	1 12	16 0	18 33	18 57	18 38	5 18	6 21
S 5	7 5	4 2	4 8	9 15	1 45	16 11	4 20	14 3	1 10	0 7	1 6	12 54	1 40	22 0	0 5	2 38	1 27	1 11	16 0	18 35	18 58	18 37	5 19	6 21
S 6	6 43	0s20	4 42	8 29	1 43	16 10	4 13	13 51	1 11	0 2	1 6	12 56	1 40	22 0	0 5	2 39	1 27	1 11	16 1	18 36	18 59	18 36	5 21	6 21
M 7	6 21	4 45	5 4	7 43	1 41	16 7	4 6	13 38	1 11	0s 3	1 6	12 57	1 40	22 0	0 5	2 40	1 27	1 11	16 1	18 38	19 0	18 36	5 22	6 21
T 8	5 58	9 2	5 11	6 56	1 38	16 5	3 59	13 25	1 11	0 8	1 6	12 59	1 40	22 0	0 5	2 41	1 27	1 10	16 1	18 39	19 1	18 35	5 23	6 21
W 9	5 36	12 58	5 2	6 9	1 35	16 2	3 52	13 12	1 11	0 13	1 6	13 0	1 40	22 0	0 5	2 42	1 27	1 10	16 1	18 40	19 1	18 34	5 24	6 21
T 10	5 13	16 21	4 36	5 21	1 31	15 59	3 45	12 59	1 11	0 18	1 6	13 2	1 40	22 0	0 5	2 42	1 27	1 9	16 2	18 41	19 2	18 33	5 25	6 20
F 11	4 51	18 55	3 55	4 34	1 27	15 55	3 38	12 45	1 11	0 23	1 6	13 3	1 40	22 0	0 5	2 43	1 27	1 9	16 2	18 41	19 3	18 32	5 26	6 20
S 12	4 28	20 26	2 59	3 46	1 22	15 51	3 31	12 32	1 11	0 29	1 6	13 5	1 40	22 1	0 5	2 44	1 27	1 9	16 2	18 41	19 4	18 31	5 28	6 20
S 13	4 5	20 42	1 51	2 59	1 17	15 46	3 25	12 19	1 11	0 34	1 6	13 6	1 40	22 1	0 5	2 45	1 27	1 8	16 2	18 41	19 4	18 30	5 29	6 20
M14	3 42	19 36	0 35	2 11	1 12	15 41	3 18	12 5	1 11	0 39	1 6	13 8	1 40	22 1	0 5	2 46	1 27	1 8	16 3	18 40	19 5	18 30	5 30	6 20
T 15	3 19	17 10	0s44	1 24	1 6	15 35	3 11	11 52	1 12	0 44	1 6	13 9	1 40	22 1	0 5	2 47	1 27	1 7	16 3	18 40	19 6	18 29	5 31	6 19
W16	2 56	13 34	2 1	0 37	1 1	15 30	3 4	11 38	1 12	0 49	1 6	13 10	1 40	22 1	0 5	2 47	1 27	1 7	16 3	18 41	19 7	18 28	5 32	6 19
T 17	2 33	9 7	3 10	0s10	0 55	15 23	2 57	11 25	1 12	0 54	1 6	13 12	1 40	22 1	0 5	2 48	1 27	1 7	16 3	18 42	19 7	18 27	5 33	6 19
F 18	2 10	4 10	4 6	0 57	0 48	15 16	2 50	11 11	1 12	0 59	1 6	13 13	1 40	22 1	0 5	2 49	1 27	1 6	16 4	18 43	19 8	18 26	5 34	6 19
S 19	1 47	0n57	4 44	1 43	0 42	15 9	2 44	10 57	1 12	1 4	1 6	13 15	1 40	22 1	0 5	2 50	1 27	1 6	16 4	18 45	19 9	18 25	5 35	6 19
S 20	1 24	5 54	5 4	2 29	0 35	15 1	2 37	10 43	1 12	1 9	1 6	13 16	1 40	22 1	0 5	2 51	1 27	1 5	16 4	18 47	19 10	18 24	5 37	6 18
M21	1 0	10 23	5 6	3 15	0 29	14 53	2 30	10 29	1 12	1 14	1 6	13 17	1 40	22 1	0 5	2 52	1 27	1 5	16 4	18 49	19 10	18 23	5 38	6 18
T 22	0 37	14 14	4 51	4 0	0 22	14 44	2 23	10 15	1 12	1 20	1 6	13 18	1 40	22 1	0 5	2 53	1 27	1 5	16 5	18 51	19 11	18 22	5 39	6 18
W23	0 14	17 16	4 21	4 45	0 15	14 35	2 17	10 1	1 12	1 25	1 6	13 20	1 40	22 1	0 5	2 53	1 27	1 4	16 5	18 52	19 12	18 22	5 40	6 18
T 24	0s10	19 24	3 40	5 29	0 8	14 25	2 10	9 47	1 12	1 30	1 6	13 21	1 40	22 0	0 5	2 54	1 27	1 4	16 5	18 52	19 13	18 21	5 41	6 17
F 25	0 33	20 35	2 49	6 12	0 1	14 15	2 4	9 33	1 12	1 35	1 6	13 22	1 40	22 0	0 5	2 55	1 27	1 3	16 5	18 52	19 13	18 20	5 42	6 17
S 26	0 56	20 48	1 52	6 56	0s 7	14 5	1 57	9 19	1 13	1 40	1 6	13 23	1 40	22 0	0 5	2 56	1 27	1 3	16 5	18 52	19 14	18 19	5 43	6 17
S 27	1 20	20 6	0 51	7 38	0 14	13 54	1 51	9 5	1 13	1 45	1 6	13 24	1 40	22 0	0 5	2 57	1 27	1 3	16 6	18 52	19 15	18 18	5 44	6 17
M28	1 43	18 30	0n12	8 20	0 21	13 42	1 45	8 51	1 13	1 50	1 6	13 25	1 40	22 0	0 5	2 58	1 27	1 2	16 6	18 52	19 16	18 17	5 45	6 16
T 29	2 6	16 6	1 15	9 2	0 29	13 30	1 38	8 36	1 13	1 55	1 6	13 27	1 40	22 0	0 5	2 59	1 27	1 2	16 6	18 52	19 16	18 16	5 46	6 16
W30	2s30	13n 0	2n14	9s42	0s36	13n18	1s32	8n22	1n13	2s 1	1n 6	13s28	1s39	22n 0	0s 5	2s59	1n27	1n 1	16s 6	18n53	19n17	18n15	5s47	6n16

Julian Day Number = 2492329.5, Delta T = 98.86 sec
Ecliptic obliquity = 23°25'24, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°18'02, Lahiri = 25°25'02

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ASTRODIENST EPHEMERIS for the year 2111
geocentric

OCTOBER 2111 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 36 39	7♎15'44	13♍38	25♎ 4	21♌10	12♍ 8	7♎49	28°R41	11°R 3	10♎58	15°R29	5°R23	3♌46	10♌11	29°R24	T 1
F 2	0 40 35	8°14'41	25°55	26°34	22°10	12°46	8° 2	28♒38	11♊ 2	11° 0	15♉28	5♌15	3°43	10°18	29♒22	F 2
S 3	0 44 32	9°13'39	8♎26	28° 2	23°10	13°23	8°15	28°35	11° 1	11° 2	15°27	5° 5	3°39	10°25	29°20	S 3
S 4	0 48 28	10°12'40	21°10	29°30	24°11	14° 1	8°28	28°32	11° 0	11° 4	15°26	4°53	3°36	10°31	29°18	S 4
M 5	0 52 25	11°11'42	4♏ 7	0♏57	25°12	14°39	8°41	28°30	10°59	11° 7	15°25	4°41	3°33	10°38	29°15	M 5
T 6	0 56 21	12°10'47	17°18	2°22	26°13	15°17	8°54	28°27	10°59	11° 9	15°25	4°31	3°30	10°45	29°14	T 6
W 7	1 0 18	13° 9'54	0♐39	3°47	27°15	15°54	9° 7	28°25	10°58	11°11	15°24	4°22	3°27	10°51	29°12	W 7
T 8	1 4 15	14° 9'02	14°12	5°11	28°17	16°32	9°20	28°22	10°57	11°13	15°23	4°16	3°23	10°58	29°10	T 8
F 9	1 8 11	15° 8'12	27°54	6°33	29°20	17°10	9°33	28°20	10°55	11°16	15°22	4°13	3°20	11° 5	29° 8	F 9
S 10	1 12 8	16° 7'24	11♑46	7°55	0♍22	17°48	9°46	28°17	10°54	11°18	15°21	4°D12	3°17	11°11	29° 6	S 10
S 11	1 16 4	17° 6'38	25°49	9°15	1°26	18°25	9°59	28°15	10°53	11°20	15°20	4°12	3°14	11°18	29° 4	S 11
M12	1 20 1	18° 5'53	10♒ 0	10°35	2°29	19° 3	10°12	28°13	10°52	11°22	15°19	4°R12	3°11	11°24	29° 3	M12
T 13	1 23 57	19° 5'10	24°20	11°53	3°33	19°41	10°25	28°11	10°51	11°25	15°18	4°11	3° 8	11°31	29° 1	T 13
W14	1 27 54	20° 4'29	8♓45	13°10	4°37	20°18	10°38	28° 9	10°49	11°27	15°17	4° 7	3° 4	11°38	29° 0	W14
T 15	1 31 50	21° 3'49	23°12	14°25	5°41	20°56	10°51	28° 7	10°48	11°29	15°16	4° 0	3° 1	11°44	28°58	T 15
F 16	1 35 47	22° 3'12	7♈35	15°39	6°46	21°34	11° 3	28° 5	10°47	11°31	15°15	3°51	2°58	11°51	28°57	F 16
S 17	1 39 44	23° 2'36	21°48	16°52	7°51	22°11	11°16	28° 4	10°45	11°33	15°14	3°40	2°55	11°58	28°55	S 17
S 18	1 43 40	24° 2'02	5♉46	18° 2	8°56	22°49	11°29	28° 2	10°44	11°36	15°13	3°28	2°52	12° 4	28°54	S 18
M19	1 47 37	25° 1'31	19°23	19°11	10° 1	23°26	11°42	28° 1	10°42	11°38	15°12	3°16	2°48	12°11	28°53	M19
T 20	1 51 33	26° 1'02	2♊38	20°18	11° 7	24° 4	11°55	27°59	10°41	11°40	15°11	3° 5	2°45	12°18	28°51	T 20
W21	1 55 30	27° 0'35	15°29	21°23	12°13	24°41	12° 8	27°58	10°39	11°42	15°10	2°57	2°42	12°24	28°50	W21
T 22	1 59 26	28° 0'10	27°59	22°25	13°20	25°19	12°20	27°57	10°37	11°44	15° 9	2°52	2°39	12°31	28°49	T 22
F 23	2 3 23	28°59'47	10♋11	23°25	14°26	25°57	12°33	27°56	10°36	11°46	15° 8	2°49	2°36	12°38	28°48	F 23
S 24	2 7 19	29°59'27	22°10	24°21	15°33	26°34	12°46	27°55	10°34	11°49	15° 6	2°48	2°33	12°44	28°47	S 24
S 25	2 11 16	0♏59'09	4♌ 0	25°15	16°40	27°12	12°58	27°54	10°32	11°51	15° 5	2°48	2°29	12°51	28°46	S 25
M26	2 15 13	1°58'53	15°47	26° 5	17°47	27°49	13°11	27°53	10°31	11°53	15° 4	2°48	2°26	12°58	28°45	M26
T 27	2 19 9	2°58'39	27°38	26°51	18°54	28°27	13°24	27°53	10°29	11°55	15° 3	2°46	2°23	13° 4	28°44	T 27
W28	2 23 6	3°58'28	9♍36	27°33	20° 2	29° 4	13°36	27°52	10°27	11°57	15° 2	2°42	2°20	13°11	28°44	W28
T 29	2 27 2	4°58'19	21°47	28°10	21°10	29°42	13°49	27°52	10°25	11°59	15° 1	2°35	2°17	13°17	28°43	T 29
F 30	2 30 59	5°58'11	4♎14	28°42	22°18	0♎19	14° 1	27°51	10°23	12° 1	15° 0	2°26	2°14	13°24	28°42	F 30
S 31	2 34 55	6♏58'06	16♎58	29♏ 8	23♍26	0♎57	14♎14	27♒51	10♊21	12♎ 3	14♉59	2♌14	2♌10	13♌31	28♒42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	2s53	9n20	3n 9	10s22	0s44	13n 5	1s26	8n 8	1n13	2s 6	1n 6	13s29	1s39	22n 0	0s 5	3s 0	1n27	1n 1	16s 6	18n55	19n18	18n14	5s48	6n15	
F 2	3 16	5 13	3 55	11 2	0 51	12 51	1 20	7 53	1 13	2 11	1 6	13 30	1 39	22 0	0 5	3 1	1 27	1 1	16 7	18 57	19 19	18 13	5 49	6 15	
S 3	3 39	0 49	4 31	11 41	0 58	12 38	1 14	7 39	1 13	2 16	1 6	13 31	1 39	22 0	0 5	3 2	1 27	1 0	16 7	18 59	19 19	18 12	5 50	6 15	
S 4	4 2	3s42	4 54	12 19	1 6	12 23	1 8	7 24	1 13	2 21	1 6	13 32	1 39	22 0	0 5	3 3	1 27	1 0	16 7	19 2	19 20	18 11	5 51	6 14	
M 5	4 26	8 8	5 3	12 56	1 13	12 9	1 2	7 10	1 13	2 26	1 6	13 32	1 39	22 0	0 5	3 4	1 27	0 59	16 7	19 5	19 21	18 10	5 52	6 14	
T 6	4 49	12 15	4 55	13 32	1 20	11 53	0 56	6 55	1 13	2 31	1 6	13 33	1 39	21 59	0 5	3 5	1 27	0 59	16 7	19 7	19 22	18 9	5 53	6 14	
W 7	5 12	15 50	4 32	14 8	1 27	11 38	0 50	6 41	1 13	2 36	1 6	13 34	1 39	21 59	0 5	3 5	1 27	0 59	16 8	19 9	19 22	18 8	5 54	6 13	
T 8	5 35	18 38	3 53	14 43	1 34	11 22	0 44	6 26	1 13	2 41	1 6	13 35	1 39	21 59	0 5	3 6	1 27	0 58	16 8	19 11	19 23	18 7	5 55	6 13	
F 9	5 57	20 24	3 0	15 17	1 41	11 6	0 39	6 11	1 13	2 46	1 6	13 36	1 39	21 59	0 5	3 7	1 27	0 58	16 8	19 11	19 24	18 6	5 56	6 13	
S 10	6 20	20 58	1 56	15 50	1 48	10 49	0 33	5 57	1 13	2 51	1 6	13 36	1 39	21 59	0 5	3 8	1 27	0 57	16 8	19 12	19 25	18 5	5 57	6 12	
S 11	6 43	20 15	0 44	16 23	1 54	10 32	0 28	5 42	1 13	2 57	1 6	13 37	1 39	21 59	0 5	3 9	1 27	0 57	16 8	19 12	19 25	18 4	5 58	6 12	
M12	7 6	18 13	0s31	16 54	2 1	10 14	0 23	5 27	1 13	3 2	1 6	13 38	1 39	21 59	0 5	3 10	1 27	0 57	16 8	19 12	19 26	18 3	5 59	6 12	
T 13	7 28	15 3	1 45	17 24	2 7	9 56	0 17	5 13	1 13	3 7	1 6	13 38	1 39	21 58	0 5	3 11	1 27	0 56	16 8	19 12	19 27	18 2	6 0	6 11	
W14	7 51	10 57	2 52	17 54	2 13	9 38	0 12	4 58	1 13	3 12	1 6	13 39	1 39	21 58	0 5	3 12	1 27	0 56	16 8	19 13	19 27	18 1	6 1	6 11	
T 15	8 13	6 12	3 49	18 22	2 19	9 19	0 7	4 43	1 13	3 17	1 6	13 40	1 39	21 58	0 5	3 12	1 27	0 55	16 9	19 14	19 28	18 0	6 2	6 11	
F 16	8 35	1 8	4 30	18 49	2 25	9 0	0 2	4 28	1 13	3 22	1 6	13 40	1 39	21 58	0 5	3 13	1 27	0 55	16 9	19 17	19 29	17 59	6 3	6 10	
S 17	8 57	3n56	4 55	19 16	2 30	8 40	0n 3	4 13	1 13	3 27	1 6	13 41	1 38	21 58	0 5	3 14	1 27	0 55	16 9	19 19	19 30	17 58	6 3	6 10	
S 18	9 19	8 42	5 1	19 41	2 35	8 20	0 8	3 59	1 14	3 32	1 6	13 41	1 38	21 57	0 5	3 15	1 27	0 54	16 9	19 22	19 30	17 57	6 4	6 9	
M19	9 41	12 55	4 49	20 5	2 40	8 0	0 13	3 44	1 14	3 37	1 6	13 42	1 38	21 57	0 5	3 16	1 27	0 54	16 9	19 25	19 31	17 56	6 5	6 9	
T 20	10 3	16 23	4 22	20 27	2 45	7 40	0 17	3 29	1 14	3 41	1 6	13 42	1 38	21 57	0 5	3 17	1 27	0 54	16 9	19 27	19 32	17 55	6 6	6 9	
W21	10 24	18 57	3 43	20 48	2 49	7 19	0 22	3 14	1 14	3 46	1 6	13 42	1 38	21 57	0 5	3 17	1 27	0 53	16 9	19 29	19 33	17 54	6 7	6 8	
T 22	10 45	20 31	2 53	21 8	2 52	6 57	0 26	2 59	1 14	3 51	1 6	13 43	1 38	21 57	0 5	3 18	1 27	0 53	16 9	19 30	19 33	17 53	6 7	6 8	
F 23	11 7	21 5	1 57	21 27	2 56	6 36	0 31	2 44	1 14	3 56	1 6	13 43	1 38	21 56	0 5	3 19	1 27	0 52	16 9	19 31	19 34	17 52	6 8	6 8	
S 24	11 28	20 41	0 56	21 44	2 58	6 14	0 35	2 29	1 14	4 1	1 6	13 43	1 38	21 56	0 5	3 20	1 27	0 52	16 9	19 31	19 35	17 51	6 9	6 7	
S 25	11 49	19 21	0n 6	21 59	3 0	5 52	0 39	2 14	1 14	4 6	1 6	13 43	1 38	21 56	0 5	3 21	1 27	0 52	16 10	19 31	19 35	17 50	6 9	6 7	
M26	12 9	17 11	1 8	22 12	3 2	5 30	0 43	1 59	1 14	4 11	1 6	13 44	1 38	21 56	0 5	3 21	1 27	0 51	16 10	19 31	19 36	17 49	6 10	6 6	
T 27	12 30	14 17	2 8	22 24	3 3	5 7	0 47	1 45	1 14	4 16	1 7	13 44	1 38	21 55	0 5	3 22	1 27	0 51	16 10	19 32	19 37	17 48	6 11	6 6	
W28	12 50	10 46	3 2	22 34	3 3	4 44	0 51	1 30	1 14	4 21	1 7	13 44	1 37	21 55	0 5	3 23	1 27	0 51	16 10	19 33	19 38	17 47	6 11	6 6	
T 29	13 10	6 45	3 48	22 42	3 2	4 21	0 55	1 15	1 14	4 25	1 7	13 44	1 37	21 55	0 5	3 24	1 27	0 50	16 10	19 34	19 38	17 46	6 12	6 5	
F 30	13 30	2 23	4 25	22 47	3 1	3 57	0 59	1 0	1 14	4 30	1 7	13 44	1 37	21 55	0 5	3 25	1 27	0 50	16 10	19 36	19 39	17 45	6 13	6 5	
S 31	13s50	2s12	4n50	22s51	2s58	3n34	1n 2	0n45	1n13	4s35	1n 7	13s44	1s37	21n54	0s 5	3s25	1n27	0n50	16s10	19n39	19n40	17n44	6s13	6n 4	

Julian Day Number = 2492359.5, Delta T = 98.90 sec
Ecliptic obliquity = 23°25'25, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°18'06, Lahiri = 25°25'06

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2111
geocentric

NOVEMBER 2111 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 38 52	7♏58'03	0♏ 1	29♏27	24♍35	1♎34	14♎26	27°R51	10°R19	12♎ 5	14°R58	2°R 1	2♌ 7	13♌37	28°R41	S 1
M 2	2 42 48	8°58'02	13°21	29°40	25°43	2°12	14°39	27°D51	10♊17	12° 7	14♉57	1♌48	2° 4	13°44	28♒41	M 2
T 3	2 46 45	9°58'03	26°56	29°R44	26°52	2°49	14°51	27♒51	10°15	12°10	14°55	1°36	2° 1	13°51	28°40	T 3
W 4	2 50 41	10°58'06	10♐42	29°41	28° 1	3°27	15° 3	27°51	10°13	12°12	14°54	1°26	1°58	13°57	28°40	W 4
T 5	2 54 38	11°58'10	24°37	29°28	29°10	4° 4	15°16	27°51	10°11	12°14	14°53	1°19	1°54	14° 4	28°40	T 5
F 6	2 58 35	12°58'16	8♑37	29° 7	0♎19	4°41	15°28	27°52	10° 9	12°16	14°52	1°15	1°51	14°11	28°39	F 6
S 7	3 2 31	13°58'24	22°41	28°35	1°29	5°19	15°40	27°52	10° 6	12°18	14°51	1°13	1°48	14°17	28°39	S 7
S 8	3 6 28	14°58'33	6♒46	27°54	2°38	5°56	15°52	27°53	10° 4	12°19	14°50	1°D13	1°45	14°24	28°39	S 8
M 9	3 10 24	15°58'44	20°51	27° 4	3°48	6°33	16° 4	27°53	10° 2	12°21	14°49	1°R13	1°42	14°31	28°D39	M 9
T 10	3 14 21	16°58'56	4♓57	26° 5	4°58	7°11	16°17	27°54	10° 0	12°23	14°48	1°12	1°39	14°37	28°39	T 10
W11	3 18 17	17°59'09	19° 1	24°57	6° 8	7°48	16°29	27°55	9°57	12°25	14°46	1° 9	1°35	14°44	28°39	W11
T 12	3 22 14	18°59'24	3♈ 2	23°44	7°18	8°25	16°40	27°56	9°55	12°27	14°45	1° 3	1°32	14°51	28°40	T 12
F 13	3 26 10	19°59'40	16°58	22°26	8°29	9° 3	16°52	27°57	9°53	12°29	14°44	0°54	1°29	14°57	28°40	F 13
S 14	3 30 7	20°59'58	0♉45	21° 6	9°39	9°40	17° 4	27°58	9°50	12°31	14°43	0°43	1°26	15° 4	28°40	S 14
S 15	3 34 4	22° 0'18	14°20	19°47	10°50	10°17	17°16	28° 0	9°48	12°33	14°42	0°31	1°23	15°10	28°40	S 15
M16	3 38 0	23° 0'39	27°39	18°30	12° 0	10°54	17°28	28° 1	9°46	12°34	14°41	0°19	1°20	15°17	28°41	M16
T 17	3 41 57	24° 1'02	10♊40	17°19	13°11	11°32	17°39	28° 2	9°43	12°36	14°40	0° 9	1°16	15°24	28°41	T 17
W18	3 45 53	25° 1'27	23°23	16°16	14°22	12° 9	17°51	28° 4	9°41	12°38	14°39	0° 1	1°13	15°30	28°42	W18
T 19	3 49 50	26° 1'53	5♋49	15°23	15°33	12°46	18° 2	28° 6	9°38	12°40	14°38	29♋56	1°10	15°37	28°42	T 19
F 20	3 53 46	27° 2'22	17°59	14°40	16°45	13°23	18°14	28° 8	9°36	12°42	14°36	29°53	1° 7	15°44	28°43	F 20
S 21	3 57 43	28° 2'52	29°57	14° 9	17°56	14° 0	18°25	28°10	9°34	12°43	14°35	29°D52	1° 4	15°50	28°44	S 21
S 22	4 1 39	29° 3'23	11♌47	13°49	19° 8	14°38	18°37	28°12	9°31	12°45	14°34	29°52	1° 0	15°57	28°45	S 22
M23	4 5 36	0♐ 3'57	23°35	13°D41	20°19	15°15	18°48	28°14	9°29	12°47	14°33	29°53	0°57	16° 4	28°45	M23
T 24	4 9 33	1° 4'32	5♍25	13°44	21°31	15°52	18°59	28°16	9°26	12°48	14°32	29°R53	0°54	16°10	28°46	T 24
W25	4 13 29	2° 5'09	17°24	13°58	22°43	16°29	19°10	28°18	9°24	12°50	14°31	29°52	0°51	16°17	28°47	W25
T 26	4 17 26	3° 5'47	29°36	14°21	23°55	17° 6	19°21	28°21	9°21	12°51	14°30	29°48	0°48	16°24	28°48	T 26
F 27	4 21 22	4° 6'28	12♎ 6	14°53	25° 7	17°43	19°32	28°23	9°19	12°53	14°29	29°42	0°45	16°30	28°49	F 27
S 28	4 25 19	5° 7'09	24°57	15°33	26°19	18°20	19°43	28°26	9°16	12°55	14°28	29°35	0°41	16°37	28°51	S 28
S 29	4 29 15	6° 7'53	8♏11	16°19	27°31	18°57	19°54	28°28	9°14	12°56	14°27	29°25	0°38	16°44	28°52	S 29
M30	4 33 12	7♐ 8'38	21♏47	17♏13	28♎43	19♎34	20♎ 5	28♒31	9♊11	12♎58	14♉26	29♋16	0♌35	16♌50	28♒53	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s 9	6s47	5n 0	22s51	2s54	3n10	1n 6	0n30	1n13	4s40	1n 7	13s44	1s37	21n54	0s 5	3s26	1n27	0n49	16s10	19n42	19n40	17n43	6s14	6n 4
M 2	14 29	11 9	4 54	22 49	2 49	2 46	1 9	0 15	1 13	4 44	1 7	13 44	1 37	21 54	0 5	3 27	1 27	0 49	16 10	19 45	19 41	17 41	6 14	6 3
T 3	14 48	15 3	4 32	22 44	2 43	2 21	1 13	0 0	1 13	4 49	1 7	13 44	1 37	21 53	0 5	3 28	1 27	0 49	16 10	19 47	19 42	17 40	6 15	6 3
W 4	15 6	18 11	3 54	22 36	2 35	1 57	1 16	0s15	1 13	4 54	1 7	13 44	1 37	21 53	0 5	3 29	1 27	0 48	16 10	19 50	19 43	17 39	6 15	6 3
T 5	15 25	20 18	3 1	22 24	2 26	1 32	1 19	0 30	1 13	4 58	1 7	13 43	1 37	21 53	0 5	3 29	1 27	0 48	16 10	19 51	19 43	17 38	6 16	6 2
F 6	15 43	21 12	1 57	22 9	2 15	1 7	1 22	0 44	1 13	5 3	1 7	13 43	1 37	21 53	0 5	3 30	1 27	0 48	16 10	19 52	19 44	17 37	6 16	6 2
S 7	16 1	20 47	0 45	21 50	2 3	0 43	1 25	0 59	1 13	5 8	1 7	13 43	1 37	21 52	0 5	3 31	1 27	0 48	16 10	19 52	19 45	17 36	6 17	6 1
S 8	16 19	19 3	0s29	21 27	1 49	0 17	1 28	1 14	1 13	5 12	1 7	13 43	1 36	21 52	0 5	3 32	1 27	0 47	16 10	19 52	19 45	17 35	6 17	6 1
M 9	16 37	16 9	1 42	21 0	1 33	0s 8	1 30	1 29	1 13	5 17	1 7	13 42	1 36	21 52	0 5	3 32	1 27	0 47	16 10	19 52	19 46	17 34	6 18	6 1
T 10	16 54	12 19	2 49	20 29	1 16	0 33	1 33	1 44	1 13	5 21	1 8	13 42	1 36	21 51	0 5	3 33	1 27	0 47	16 10	19 53	19 47	17 33	6 18	6 0
W11	17 11	7 48	3 45	19 55	0 57	0 59	1 35	1 58	1 13	5 26	1 8	13 42	1 36	21 51	0 5	3 34	1 28	0 46	16 10	19 53	19 48	17 32	6 18	6 0
T 12	17 27	2 53	4 27	19 18	0 37	1 24	1 38	2 13	1 13	5 30	1 8	13 41	1 36	21 51	0 5	3 34	1 28	0 46	16 10	19 55	19 48	17 30	6 19	5 59
F 13	17 44	2n 8	4 53	18 38	0 17	1 50	1 40	2 28	1 13	5 35	1 8	13 41	1 36	21 50	0 5	3 35	1 28	0 46	16 10	19 57	19 49	17 29	6 19	5 59
S 14	18 0	7 0	5 2	17 58	0n 4	2 16	1 42	2 43	1 13	5 39	1 8	13 40	1 36	21 50	0 5	3 36	1 28	0 46	16 10	19 59	19 50	17 28	6 19	5 58
S 15	18 15	11 27	4 54	17 17	0 24	2 41	1 44	2 57	1 13	5 44	1 8	13 40	1 36	21 50	0 5	3 36	1 28	0 45	16 10	20 2	19 50	17 27	6 20	5 58
M16	18 31	15 15	4 29	16 37	0 44	3 7	1 46	3 12	1 13	5 48	1 8	13 39	1 36	21 49	0 5	3 37	1 28	0 45	16 9	20 4	19 51	17 26	6 20	5 58
T 17	18 46	18 13	3 51	15 59	1 3	3 33	1 48	3 26	1 13	5 52	1 8	13 38	1 35	21 49	0 5	3 38	1 28	0 45	16 9	20 6	19 52	17 25	6 20	5 57
W18	19 1	20 14	3 2	15 25	1 20	3 59	1 49	3 41	1 13	5 57	1 8	13 38	1 35	21 49	0 5	3 38	1 28	0 45	16 9	20 8	19 52	17 24	6 20	5 57
T 19	19 15	21 13	2 5	14 55	1 35	4 25	1 51	3 56	1 13	6 1	1 9	13 37	1 35	21 48	0 5	3 39	1 28	0 44	16 9	20 9	19 53	17 22	6 20	5 56
F 20	19 29	21 10	1 3	14 29	1 49	4 51	1 52	4 10	1 12	6 5	1 9	13 36	1 35	21 48	0 5	3 40	1 28	0 44	16 9	20 10	19 54	17 21	6 21	5 56
S 21	19 43	20 9	0n 0	14 9	2 0	5 17	1 54	4 25	1 12	6 9	1 9	13 36	1 35	21 47	0 5	3 40	1 28	0 44	16 9	20 10	19 55	17 20	6 21	5 55
S 22	19 56	18 15	1 3	13 55	2 10	5 42	1 55	4 39	1 12	6 14	1 9	13 35	1 35	21 47	0 5	3 41	1 28	0 44	16 9	20 10	19 55	17 19	6 21	5 55
M23	20 9	15 36	2 4	13 45	2 17	6 8	1 56	4 53	1 12	6 18	1 9	13 34	1 35	21 47	0 5	3 42	1 28	0 44	16 9	20 10	19 56	17 18	6 21	5 55
T 24	20 22	12 17	2 59	13 41	2 23	6 34	1 57	5 8	1 12	6 22	1 9	13 33	1 35	21 46	0 5	3 42	1 28	0 43	16 9	20 10	19 57	17 17	6 21	5 54
W25	20 34	8 27	3 47	13 41	2 27	7 0	1 58	5 22	1 12	6 26	1 9	13 32	1 35	21 46	0 5	3 43	1 28	0 43	16 9	20 10	19 57	17 15	6 21	5 54
T 26	20 46	4 13	4 25	13 46	2 29	7 25	1 59	5 36	1 12	6 30	1 9	13 31	1 35	21 46	0 5	3 43	1 28	0 43	16 8	20 11	19 58	17 14	6 21	5 53
F 27	20 57	0s18	4 52	13 54	2 30	7 51	2 0	5 51	1 12	6 34	1 9	13 30	1 34	21 45	0 5	3 44	1 28	0 43	16 8	20 12	19 59	17 13	6 21	5 53
S 28	21 8	4 55	5 5	14 6	2 29	8 16	2 1	6 5	1 12	6 38	1 10	13 29	1 34	21 45	0 5	3 44	1 28	0 43	16 8	20 14	19 59	17 12	6 21	5 53
S 29	21 19	9 27	5 3	14 21	2 28	8 42	2 1	6 19	1 12	6 42	1 10	13 28	1 34	21 45	0 5	3 45	1 28	0 43	16 8	20 15	20 0	17 11	6 21	5 52
M30	21s29	13s38	4n43	14s38	2n25	9s 7	2n 2	6s33	1n12	6s46	1n10	13s27	1s34	21n44	0s 5	3s45	1n28	0n43	16s 8	20n17	20n 1	17n 9	6s21	5n52

Julian Day Number = 2492390.5, Delta T = 98.94 sec
Ecliptic obliquity = 23°25'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°18'10, Lahiri = 25°25'11

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ASTRODIENST EPHEMERIS for the year 2111
geocentric

DECEMBER 2111 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 37 8	8♐ 9'24	5♐43	18♏11	29♎56	20♎11	20♎15	28♒34	9°R 8	12♎59	14°R25	29°R 7	0♌32	16♌57	28♒54	T 1
W 2	4 41 5	9°10'12	19°55	19°14	1♏ 8	20°48	20°26	28°37	9♊ 6	13° 0	14♉24	29♋ 0	0°29	17° 4	28°56	W 2
T 3	4 45 2	10°11'00	4♑18	20°21	2°21	21°25	20°36	28°40	9° 3	13° 2	14°23	28°55	0°26	17°10	28°57	T 3
F 4	4 48 58	11°11'50	18°45	21°32	3°33	22° 2	20°47	28°43	9° 1	13° 3	14°22	28°53	0°22	17°17	28°59	F 4
S 5	4 52 55	12°12'41	3♒11	22°46	4°46	22°39	20°57	28°47	8°58	13° 5	14°21	28°D52	0°19	17°23	29° 0	S 5
S 6	4 56 51	13°13'33	17°33	24° 2	5°59	23°16	21° 7	28°50	8°56	13° 6	14°20	28°53	0°16	17°30	29° 2	S 6
M 7	5 0 48	14°14'25	1♓47	25°21	7°12	23°53	21°17	28°53	8°53	13° 7	14°19	28°55	0°13	17°37	29° 4	M 7
T 8	5 4 44	15°15'19	15°52	26°42	8°24	24°30	21°27	28°57	8°51	13° 8	14°18	28°R55	0°10	17°43	29° 6	T 8
W 9	5 8 41	16°16'12	29°47	28° 4	9°37	25° 7	21°37	29° 1	8°48	13°10	14°17	28°54	0° 6	17°50	29° 7	W 9
T 10	5 12 38	17°17'07	13♈31	29°28	10°50	25°44	21°47	29° 4	8°46	13°11	14°16	28°51	0° 3	17°57	29° 9	T 10
F 11	5 16 34	18°18'02	27° 4	0♗52	12° 4	26°20	21°57	29° 8	8°43	13°12	14°15	28°47	0° 0	18° 3	29°11	F 11
S 12	5 20 31	19°18'58	10♉25	2°18	13°17	26°57	22° 6	29°12	8°41	13°13	14°14	28°40	29♋57	18°10	29°13	S 12
S 13	5 24 27	20°19'55	23°34	3°45	14°30	27°34	22°16	29°16	8°38	13°14	14°13	28°34	29°54	18°17	29°15	S 13
M14	5 28 24	21°20'53	6♊29	5°13	15°43	28°11	22°25	29°20	8°36	13°15	14°12	28°27	29°51	18°23	29°17	M14
T 15	5 32 20	22°21'51	19°11	6°41	16°57	28°47	22°35	29°24	8°33	13°17	14°12	28°21	29°47	18°30	29°19	T 15
W16	5 36 17	23°22'50	1♋40	8°10	18°10	29°24	22°44	29°28	8°31	13°18	14°11	28°16	29°44	18°37	29°22	W16
T 17	5 40 13	24°23'50	13°55	9°39	19°23	0♏ 1	22°53	29°33	8°29	13°19	14°10	28°13	29°41	18°43	29°24	T 17
F 18	5 44 10	25°24'51	26° 0	11° 9	20°37	0°37	23° 2	29°37	8°26	13°20	14° 9	28°D12	29°38	18°50	29°26	F 18
S 19	5 48 7	26°25'53	7♌55	12°39	21°51	1°14	23°11	29°42	8°24	13°20	14° 8	28°13	29°35	18°57	29°28	S 19
S 20	5 52 3	27°26'55	19°44	14° 9	23° 4	1°51	23°20	29°46	8°21	13°21	14° 7	28°14	29°32	19° 3	29°31	S 20
M21	5 56 0	28°27'59	1♍31	15°40	24°18	2°27	23°28	29°51	8°19	13°22	14° 7	28°16	29°28	19°10	29°33	M21
T 22	5 59 56	29°29'03	13°21	17°11	25°32	3° 4	23°37	29°55	8°17	13°23	14° 6	28°18	29°25	19°17	29°36	T 22
W23	6 3 53	0♑30'08	25°19	18°43	26°45	3°40	23°45	0♓ 0	8°14	13°24	14° 5	28°R19	29°22	19°23	29°38	W23
T 24	6 7 49	1°31'13	7♎29	20°14	27°59	4°17	23°53	0° 5	8°12	13°25	14° 4	28°19	29°19	19°30	29°41	T 24
F 25	6 11 46	2°32'20	19°56	21°46	29°13	4°53	24° 1	0°10	8°10	13°25	14° 4	28°18	29°16	19°37	29°44	F 25
S 26	6 15 42	3°33'27	2♏45	23°18	0♗27	5°30	24° 9	0°15	8° 8	13°26	14° 3	28°15	29°12	19°43	29°46	S 26
S 27	6 19 39	4°34'35	15°58	24°51	1°41	6° 6	24°17	0°20	8° 6	13°27	14° 2	28°12	29° 9	19°50	29°49	S 27
M28	6 23 36	5°35'44	29°38	26°23	2°55	6°43	24°25	0°25	8° 3	13°27	14° 2	28° 8	29° 6	19°56	29°52	M28
T 29	6 27 32	6°36'53	13♗43	27°56	4° 9	7°19	24°33	0°30	8° 1	13°28	14° 1	28° 5	29° 3	20° 3	29°55	T 29
W30	6 31 29	7°38'02	28°10	29°29	5°23	7°55	24°40	0°36	7°59	13°29	14° 1	28° 3	29° 0	20°10	29°57	W30
T 31	6 35 25	8♑39'12	12♑54	1♑ 3	6♗37	8♏32	24♎47	0♓41	7♊57	13♎29	14♉ 0	28♋ 1	28♋57	20♌16	0♓ 0	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s39	17s12	4n 7	14s57	2n22	9s32	2n 2	6s47	1n11	6s50	1n10	13s26	1s34	21n44	0s 5	3s46	1n28	0n42	16s 8	20n19	20n 1	17n 8	6s21	5n51
W 2	21 49	19 49	3 14	15 19	2 18	9 57	2 2	7 1	1 11	6 54	1 10	13 25	1 34	21 43	0 5	3 47	1 28	0 42	16 8	20 21	20 2	17 7	6 21	5 51
T 3	21 58	21 13	2 9	15 41	2 13	10 22	2 2	7 15	1 11	6 57	1 10	13 24	1 34	21 43	0 5	3 47	1 28	0 42	16 7	20 22	20 3	17 6	6 21	5 51
F 4	22 6	21 13	0 54	16 4	2 8	10 46	2 3	7 29	1 11	7 1	1 10	13 23	1 34	21 43	0 5	3 48	1 28	0 42	16 7	20 22	20 3	17 4	6 21	5 50
S 5	22 15	19 49	0s23	16 29	2 2	11 11	2 3	7 43	1 11	7 5	1 11	13 21	1 34	21 42	0 5	3 48	1 29	0 42	16 7	20 22	20 4	17 3	6 20	5 50
S 6	22 22	17 8	1 39	16 54	1 56	11 35	2 2	7 56	1 11	7 9	1 11	13 20	1 34	21 42	0 5	3 48	1 29	0 42	16 7	20 22	20 5	17 2	6 20	5 49
M 7	22 30	13 27	2 49	17 19	1 50	11 59	2 2	8 10	1 11	7 12	1 11	13 19	1 34	21 42	0 5	3 49	1 29	0 42	16 7	20 22	20 5	17 1	6 20	5 49
T 8	22 37	9 3	3 47	17 44	1 43	12 22	2 2	8 24	1 10	7 16	1 11	13 18	1 33	21 41	0 5	3 49	1 29	0 42	16 6	20 22	20 6	17 0	6 20	5 49
W 9	22 43	4 14	4 31	18 9	1 36	12 46	2 2	8 37	1 10	7 19	1 11	13 16	1 33	21 41	0 5	3 50	1 29	0 42	16 6	20 22	20 7	16 58	6 20	5 48
T 10	22 49	0n44	4 59	18 34	1 29	13 9	2 1	8 51	1 10	7 23	1 11	13 15	1 33	21 40	0 5	3 50	1 29	0 42	16 6	20 23	20 8	16 57	6 19	5 48
F 11	22 55	5 36	5 10	18 59	1 22	13 32	2 1	9 4	1 10	7 26	1 11	13 13	1 33	21 40	0 5	3 51	1 29	0 42	16 6	20 23	20 8	16 56	6 19	5 47
S 12	23 0	10 8	5 4	19 24	1 14	13 54	2 0	9 18	1 10	7 30	1 12	13 12	1 33	21 40	0 5	3 51	1 29	0 41	16 6	20 25	20 9	16 55	6 19	5 47
S 13	23 4	14 6	4 41	19 47	1 7	14 17	1 59	9 31	1 10	7 33	1 12	13 10	1 33	21 39	0 5	3 51	1 29	0 41	16 5	20 26	20 10	16 53	6 18	5 47
M14	23 8	17 21	4 5	20 11	1 0	14 39	1 58	9 44	1 9	7 36	1 12	13 9	1 33	21 39	0 4	3 52	1 29	0 41	16 5	20 27	20 10	16 52	6 18	5 46
T 15	23 12	19 43	3 17	20 33	0 52	15 0	1 57	9 57	1 9	7 40	1 12	13 7	1 33	21 39	0 4	3 52	1 29	0 41	16 5	20 29	20 11	16 51	6 18	5 46
W16	23 15	21 5	2 20	20 55	0 44	15 22	1 56	10 11	1 9	7 43	1 12	13 6	1 33	21 38	0 4	3 53	1 29	0 41	16 5	20 30	20 12	16 49	6 17	5 46
T 17	23 18	21 25	1 17	21 16	0 37	15 43	1 55	10 24	1 9	7 46	1 12	13 4	1 33	21 38	0 4	3 53	1 29	0 41	16 5	20 30	20 12	16 48	6 17	5 45
F 18	23 21	20 44	0 12	21 37	0 30	16 3	1 54	10 37	1 9	7 49	1 13	13 3	1 33	21 37	0 4	3 53	1 29	0 41	16 4	20 30	20 13	16 47	6 16	5 45
S 19	23 23	19 8	0n53	21 56	0 22	16 24	1 53	10 49	1 9	7 52	1 13	13 1	1 33	21 37	0 4	3 54	1 29	0 41	16 4	20 30	20 14	16 46	6 16	5 44
S 20	23 24	16 43	1 55	22 14	0 15	16 43	1 52	11 2	1 8	7 55	1 13	12 59	1 32	21 37	0 4	3 54	1 29	0 41	16 4	20 30	20 14	16 44	6 15	5 44
M21	23 25	13 37	2 53	22 32	0 7	17 3	1 50	11 15	1 8	7 58	1 13	12 58	1 32	21 36	0 4	3 54	1 29	0 41	16 4	20 30	20 15	16 43	6 15	5 44
T 22	23 25	9 58	3 43	22 48	0 0	17 22	1 49	11 28	1 8	8 1	1 13	12 56	1 32	21 36	0 4	3 54	1 29	0 42	16 3	20 29	20 16	16 42	6 14	5 43
W23	23 25	5 54	4 24	23 3	0s 7	17 41	1 47	11 40	1 8	8 4	1 14	12 54	1 32	21 36	0 4	3 55	1 29	0 42	16 3	20 29	20 16	16 40	6 14	5 43
T 24	23 25	1 33	4 54	23 18	0 14	17 59	1 46	11 53	1 7	8 7	1 14	12 52	1 32	21 35	0 4	3 55	1 30	0 42	16 3	20 29	20 17	16 39	6 13	5 43
F 25	23 24	2s59	5 12	23 31	0 21	18 16	1 44	12 5	1 7	8 10	1 14	12 51	1 32	21 35	0 4	3 55	1 30	0 42	16 3	20 29	20 18	16 38	6 13	5 42
S 26	23 23	7 30	5 14	23 43	0 27	18 34	1 43	12 17	1 7	8 13	1 14	12 49	1 32	21 35	0 4	3 55	1 30	0 42	16 2	20 30	20 18	16 36	6 12	5 42
S 27	23 21	11 49	5 0	23 53	0 34	18 50	1 41	12 30	1 7	8 15	1 14	12 47	1 32	21 34	0 4	3 56	1 30	0 42	16 2	20 30	20 19	16 35	6 11	5 42
M28	23 18	15 41	4 29	24 3	0 40	19 7	1 39	12 42	1 7	8 18	1 15	12 45	1 32	21 34	0 4	3 56	1 30	0 42	16 2	20 31	20 19	16 34	6 11	5 41
T 29	23 15	18 47	3 41	24 11	0 47	19 22	1 37	12 54	1 6	8 21	1 15	12 43	1 32	21 34	0 4	3 56	1 30	0 42	16 1	20 32	20 20	16 32	6 10	5 41
W30	23 12	20 47	2 38	24 18	0 53	19 38	1 35	13 6	1 6	8 23	1 15	12 41	1 32	21 33	0 4	3 56	1 30	0 42	16 1	20 32	20 21	16 31	6 9	5 41
T 31	23s 8	21s26	1n23	24s24	0s59	19s52	1n33	13s18	1n 6	8s26	1n15	12s39	1s32	21n33	0s 4	3s56	1n30	0n42	16s 1	20n33	20n21	16n30	6s 9	5n40

Julian Day Number = 2492420.5, Delta T = 98.98 sec
Ecliptic obliquity = 23°25'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°18'14, Lahiri = 25°25'15

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ASTRODIENST EPHEMERIS for the year 2112
geocentric

JANUARY 2112 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 39 22	9♑40'22	27♑46	2♑36	7♐51	9♏ 8	24♎55	0♓46	7°R55	13♎30	13°R59	28°D 0	28♋53	20♌23	0♓ 3	F 1
S 2	6 43 18	10°41'33	12♒40	4°10	9° 5	9°44	25° 2	0°52	7♊53	13°30	13♉59	28♋ 1	28°50	20°30	0° 6	S 2
S 3	6 47 15	11°42'43	27°28	5°45	10°20	10°20	25° 9	0°57	7°51	13°31	13°58	28° 2	28°47	20°36	0° 9	S 3
M 4	6 51 11	12°43'53	12♓ 3	7°19	11°34	10°56	25°15	1° 3	7°49	13°31	13°58	28° 3	28°44	20°43	0°13	M 4
T 5	6 55 8	13°45'02	26°21	8°54	12°48	11°33	25°22	1° 9	7°47	13°31	13°57	28° 4	28°41	20°50	0°16	T 5
W 6	6 59 5	14°46'12	10♈21	10°29	14° 2	12° 9	25°28	1°14	7°45	13°32	13°57	28°R 5	28°38	20°56	0°19	W 6
T 7	7 3 1	15°47'21	24° 1	12° 5	15°16	12°45	25°35	1°20	7°43	13°32	13°56	28° 5	28°34	21° 3	0°22	T 7
F 8	7 6 58	16°48'30	7♉23	13°41	16°31	13°21	25°41	1°26	7°42	13°32	13°56	28° 4	28°31	21°10	0°25	F 8
S 9	7 10 54	17°49'38	20°27	15°17	17°45	13°57	25°47	1°32	7°40	13°33	13°55	28° 3	28°28	21°16	0°29	S 9
S 10	7 14 51	18°50'46	3♊15	16°54	18°59	14°33	25°53	1°38	7°38	13°33	13°55	28° 1	28°25	21°23	0°32	S 10
M11	7 18 47	19°51'54	15°50	18°31	20°14	15° 8	25°59	1°44	7°36	13°33	13°55	28° 0	28°22	21°30	0°35	M11
T 12	7 22 44	20°53'01	28°13	20° 8	21°28	15°44	26° 4	1°50	7°35	13°33	13°54	27°59	28°18	21°36	0°39	T 12
W13	7 26 40	21°54'09	10♋25	21°46	22°43	16°20	26°10	1°56	7°33	13°33	13°54	27°58	28°15	21°43	0°42	W13
T 14	7 30 37	22°55'15	22°28	23°25	23°57	16°56	26°15	2° 2	7°31	13°33	13°54	27°D58	28°12	21°50	0°45	T 14
F 15	7 34 34	23°56'22	4♌25	25° 3	25°11	17°32	26°20	2° 9	7°30	13°R33	13°53	27°58	28° 9	21°56	0°49	F 15
S 16	7 38 30	24°57'28	16°16	26°43	26°26	18° 7	26°25	2°15	7°28	13°33	13°53	27°58	28° 6	22° 3	0°52	S 16
S 17	7 42 27	25°58'34	28° 5	28°22	27°40	18°43	26°30	2°21	7°27	13°33	13°53	27°59	28° 3	22°10	0°56	S 17
M18	7 46 23	26°59'39	9♍53	0♒ 3	28°55	19°19	26°34	2°28	7°26	13°33	13°53	27°59	27°59	22°16	1° 0	M18
T 19	7 50 20	28° 0'45	21°44	1°43	0♑ 9	19°54	26°39	2°34	7°24	13°33	13°52	27°R59	27°56	22°23	1° 3	T 19
W20	7 54 16	29° 1'50	3♎42	3°25	1°24	20°30	26°43	2°41	7°23	13°33	13°52	27°59	27°53	22°30	1° 7	W20
T 21	7 58 13	0♒ 2'54	15°51	5° 6	2°38	21° 5	26°47	2°47	7°22	13°33	13°52	27°59	27°50	22°36	1°11	T 21
F 22	8 2 9	1° 3'59	28°14	6°48	3°53	21°41	26°51	2°54	7°20	13°32	13°52	27°D59	27°47	22°43	1°14	F 22
S 23	8 6 6	2° 5'03	10♏57	8°31	5° 8	22°16	26°55	3° 0	7°19	13°32	13°52	27°59	27°43	22°50	1°18	S 23
S 24	8 10 3	3° 6'07	24° 2	10°14	6°22	22°51	26°58	3° 7	7°18	13°32	13°52	27°59	27°40	22°56	1°22	S 24
M25	8 13 59	4° 7'10	7♐34	11°57	7°37	23°27	27° 1	3°14	7°17	13°32	13°52	27°59	27°37	23° 3	1°25	M25
T 26	8 17 56	5° 8'13	21°33	13°40	8°51	24° 2	27° 5	3°20	7°16	13°31	13°51	28° 0	27°34	23°10	1°29	T 26
W27	8 21 52	6° 9'16	5♑59	15°24	10° 6	24°37	27° 8	3°27	7°15	13°31	13°51	28° 1	27°31	23°16	1°33	W27
T 28	8 25 49	7°10'18	20°47	17° 7	11°21	25°12	27°11	3°34	7°14	13°30	13°D51	28°R 1	27°28	23°23	1°37	T 28
F 29	8 29 45	8°11'19	5♒51	18°51	12°35	25°47	27°13	3°41	7°13	13°30	13°51	28° 1	27°24	23°30	1°41	F 29
S 30	8 33 42	9°12'19	21° 3	20°34	13°50	26°22	27°16	3°47	7°12	13°30	13°51	28° 1	27°21	23°36	1°45	S 30
S 31	8 37 39	10♒13'18	6♓13	22♒18	15♑ 5	26♏57	27♎18	3♓54	7♊12	13♎29	13♉51	27♋59	27♋18	23♌43	1♓49	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 4	20s34	0n 1	24s28	1s 5	20s 6	1n31	13s30	1n 6	8s28	1n15	12s37	1s32	21n33	0s 4	3s56	1n30	0n42	16s 1	20n33	20n22	16n28	6s 8	5n40
S 2	23 0	18 17	1s20	24 32	1 10	20 20	1 29	13 41	1 5	8 31	1 16	12 35	1 32	21 32	0 4	3 57	1 30	0 43	16 0	20 33	20 23	16 27	6 7	5 40
S 3	22 54	14 47	2 36	24 33	1 16	20 33	1 27	13 53	1 5	8 33	1 16	12 33	1 32	21 32	0 4	3 57	1 30	0 43	16 0	20 33	20 23	16 26	6 6	5 39
M 4	22 49	10 26	3 41	24 34	1 21	20 46	1 25	14 4	1 5	8 35	1 16	12 31	1 32	21 32	0 4	3 57	1 30	0 43	16 0	20 32	20 24	16 24	6 6	5 39
T 5	22 43	5 35	4 30	24 33	1 26	20 57	1 22	14 16	1 4	8 37	1 16	12 29	1 31	21 31	0 4	3 57	1 30	0 43	15 59	20 32	20 25	16 23	6 5	5 39
W 6	22 36	0 32	5 2	24 31	1 30	21 9	1 20	14 27	1 4	8 40	1 16	12 27	1 31	21 31	0 4	3 57	1 30	0 43	15 59	20 32	20 25	16 22	6 4	5 39
T 7	22 29	4n24	5 16	24 27	1 35	21 19	1 18	14 38	1 4	8 42	1 17	12 25	1 31	21 31	0 4	3 57	1 30	0 43	15 59	20 32	20 26	16 20	6 3	5 38
F 8	22 22	9 2	5 13	24 22	1 39	21 30	1 15	14 49	1 4	8 44	1 17	12 23	1 31	21 31	0 4	3 57	1 30	0 43	15 58	20 32	20 27	16 19	6 2	5 38
S 9	22 14	13 8	4 53	24 15	1 43	21 39	1 13	15 0	1 3	8 46	1 17	12 21	1 31	21 30	0 4	3 57	1 30	0 44	15 58	20 32	20 27	16 18	6 1	5 38
S 10	22 6	16 33	4 19	24 7	1 47	21 48	1 10	15 11	1 3	8 48	1 17	12 18	1 31	21 30	0 4	3 57	1 30	0 44	15 58	20 33	20 28	16 16	6 1	5 37
M11	21 57	19 8	3 33	23 58	1 50	21 56	1 8	15 22	1 3	8 49	1 17	12 16	1 31	21 30	0 4	3 57	1 31	0 44	15 57	20 33	20 29	16 15	6 0	5 37
T 12	21 48	20 47	2 38	23 47	1 53	22 4	1 5	15 33	1 2	8 51	1 18	12 14	1 31	21 29	0 4	3 57	1 31	0 44	15 57	20 33	20 29	16 13	5 59	5 37
W13	21 39	21 25	1 36	23 35	1 56	22 11	1 3	15 43	1 2	8 53	1 18	12 12	1 31	21 29	0 4	3 57	1 31	0 44	15 57	20 33	20 30	16 12	5 58	5 37
T 14	21 29	21 3	0 31	23 21	1 59	22 17	1 0	15 54	1 2	8 55	1 18	12 10	1 31	21 29	0 4	3 57	1 31	0 45	15 56	20 33	20 30	16 11	5 57	5 36
F 15	21 18	19 43	0n36	23 5	2 1	22 23	0 58	16 4	1 1	8 56	1 18	12 7	1 31	21 29	0 4	3 57	1 31	0 45	15 56	20 33	20 31	16 9	5 56	5 36
S 16	21 7	17 32	1 40	22 48	2 3	22 28	0 55	16 15	1 1	8 58	1 19	12 5	1 31	21 29	0 4	3 57	1 31	0 45	15 56	20 33	20 32	16 8	5 55	5 36
S 17	20 56	14 38	2 40	22 30	2 4	22 32	0 52	16 25	1 0	8 59	1 19	12 3	1 31	21 28	0 4	3 57	1 31	0 45	15 55	20 33	20 32	16 6	5 54	5 36
M18	20 45	11 8	3 33	22 10	2 5	22 36	0 50	16 35	1 0	9 1	1 19	12 0	1 31	21 28	0 4	3 57	1 31	0 46	15 55	20 33	20 33	16 5	5 53	5 35
T 19	20 33	7 12	4 17	21 48	2 6	22 39	0 47	16 45	1 0	9 2	1 19	11 58	1 31	21 28	0 4	3 57	1 31	0 46	15 55	20 33	20 34	16 4	5 52	5 35
W20	20 20	2 58	4 50	21 25	2 6	22 41	0 44	16 54	0 59	9 3	1 19	11 56	1 31	21 28	0 4	3 57	1 31	0 46	15 54	20 33	20 34	16 2	5 51	5 35
T 21	20 8	1s27	5 11	21 1	2 6	22 42	0 41	17 4	0 59	9 5	1 20	11 53	1 31	21 27	0 4	3 57	1 31	0 47	15 54	20 33	20 35	16 1	5 50	5 35
F 22	19 54	5 53	5 18	20 35	2 5	22 43	0 39	17 14	0 59	9 6	1 20	11 51	1 31	21 27	0 4	3 56	1 31	0 47	15 54	20 33	20 36	15 59	5 49	5 35
S 23	19 41	10 11	5 10	20 7	2 4	22 44	0 36	17 23	0 58	9 7	1 20	11 48	1 31	21 27	0 4	3 56	1 31	0 47	15 53	20 33	20 36	15 58	5 47	5 34
S 24	19 27	14 9	4 46	19 38	2 3	22 43	0 33	17 33	0 58	9 8	1 20	11 46	1 31	21 27	0 4	3 56	1 31	0 47	15 53	20 33	20 37	15 56	5 46	5 34
M25	19 13	17 31	4 5	19 8	2 0	22 42	0 30	17 42	0 57	9 9	1 21	11 44	1 31	21 27	0 4	3 56	1 31	0 48	15 53	20 33	20 37	15 55	5 45	5 34
T 26	18 58	20 0	3 9	18 35	1 58	22 40	0 28	17 51	0 57	9 10	1 21	11 41	1 31	21 27	0 4	3 56	1 31	0 48	15 52	20 33	20 38	15 54	5 44	5 34
W27	18 43	21 18	2 0	18 2	1 55	22 38	0 25	18 0	0 56	9 11	1 21	11 39	1 31	21 26	0 4	3 56	1 31	0 48	15 52	20 33	20 39	15 52	5 43	5 34
T 28	18 28	21 9	0 40	17 27	1 51	22 34	0 22	18 9	0 56	9 12	1 21	11 36	1 31	21 26	0 4	3 55	1 32	0 49	15 52	20 33	20 39	15 51	5 42	5 33
F 29	18 12	19 30	0s43	16 51	1 46	22 31	0 19	18 18	0 55	9 12	1 22	11 34	1 31	21 26	0 4	3 55	1 32	0 49	15 51	20 33	20 40	15 49	5 41	5 33
S 30	17 56	16 26	2 4	16 13	1 41	22 26	0 16	18 26	0 55	9 13	1 22	11 31	1 31	21 26	0 4	3 55	1 32	0 49	15 51	20 33	20 41	15 48	5 39	5 33
S 31	17s40	12s16	3s17	15s35	1s35	22s21	0n14	18s35	0n55	9s14	1n22	11s29	1s31	21n26	0s 4	3s55	1n32	0n50	15s51	20n33	20n41	15n46	5s38	5n33

Julian Day Number = 2492451.5, Delta T = 99.03 sec
Ecliptic obliquity = 23°25'24, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°18'19, Lahiri = 25°25'19

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ASTRODIENST EPHEMERIS for the year 2112
geocentric

FEBRUARY 2112 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 41 35	11♒14'17	21♓11	24♒ 0	16♉19	27♏32	27♎20	4♓ 1	7°R11	13°R28	13♉52	27°R58	27♋15	23♌50	1♓53	M 1
T 2	8 45 32	12°15'14	5♈50	25°42	17°34	28° 7	27°22	4° 8	7♊10	13♎28	13°52	27♋56	27°12	23°56	1°57	T 2
W 3	8 49 28	13°16'09	20° 5	27°23	18°49	28°42	27°24	4°15	7°10	13°27	13°52	27°54	27° 9	24° 3	2° 0	W 3
T 4	8 53 25	14°17'04	3♉53	29° 2	20° 3	29°16	27°25	4°22	7° 9	13°27	13°52	27°53	27° 5	24°10	2° 4	T 4
F 5	8 57 21	15°17'57	17°16	0♓40	21°18	29°51	27°27	4°29	7° 8	13°26	13°52	27°D53	27° 2	24°16	2° 8	F 5
S 6	9 1 18	16°18'49	0♊15	2°15	22°33	0♐26	27°28	4°36	7° 8	13°25	13°52	27°54	26°59	24°23	2°12	S 6
S 7	9 5 14	17°19'39	12°54	3°48	23°47	1° 0	27°29	4°43	7° 7	13°25	13°52	27°55	26°56	24°29	2°16	S 7
M 8	9 9 11	18°20'28	25°16	5°17	25° 2	1°35	27°30	4°51	7° 7	13°24	13°53	27°57	26°53	24°36	2°20	M 8
T 9	9 13 7	19°21'16	7♋25	6°43	26°17	2° 9	27°30	4°58	7° 7	13°23	13°53	27°58	26°49	24°43	2°25	T 9
W10	9 17 4	20°22'02	19°25	8° 4	27°31	2°43	27°31	5° 5	7° 7	13°22	13°53	27°59	26°46	24°49	2°29	W10
T 11	9 21 1	21°22'47	1♌19	9°21	28°46	3°18	27°31	5°12	7° 6	13°21	13°53	28°R 0	26°43	24°56	2°33	T 11
F 12	9 24 57	22°23'31	13° 9	10°31	0♒ 1	3°52	27°R31	5°19	7° 6	13°21	13°54	27°59	26°40	25° 3	2°37	F 12
S 13	9 28 54	23°24'13	24°58	11°34	1°15	4°26	27°31	5°26	7° 6	13°20	13°54	27°56	26°37	25° 9	2°41	S 13
S 14	9 32 50	24°24'54	6♍47	12°31	2°30	5° 0	27°31	5°34	7° 6	13°19	13°54	27°53	26°34	25°16	2°45	S 14
M15	9 36 47	25°25'33	18°39	13°19	3°45	5°34	27°30	5°41	7°D 6	13°18	13°55	27°48	26°30	25°23	2°49	M15
T 16	9 40 43	26°26'12	0♎36	13°59	5° 0	6° 8	27°29	5°48	7° 6	13°17	13°55	27°43	26°27	25°29	2°53	T 16
W17	9 44 40	27°26'49	12°39	14°29	6°14	6°41	27°28	5°55	7° 6	13°16	13°56	27°38	26°24	25°36	2°57	W17
T 18	9 48 36	28°27'24	24°51	14°49	7°29	7°15	27°27	6° 3	7° 6	13°15	13°56	27°33	26°21	25°43	3° 1	T 18
F 19	9 52 33	29°27'59	7♏16	14°R59	8°44	7°49	27°26	6°10	7° 7	13°14	13°57	27°29	26°18	25°49	3° 5	F 19
S 20	9 56 30	0♓28'32	19°56	14°59	9°58	8°22	27°25	6°17	7° 7	13°13	13°57	27°27	26°15	25°56	3°10	S 20
S 21	10 0 26	1°29'04	2♐55	14°48	11°13	8°56	27°23	6°24	7° 7	13°11	13°58	27°D27	26°11	26° 3	3°14	S 21
M22	10 4 23	2°29'35	16°17	14°27	12°28	9°29	27°21	6°32	7° 7	13°10	13°58	27°27	26° 8	26° 9	3°18	M22
T 23	10 8 19	3°30'05	0♑ 3	13°57	13°43	10° 3	27°19	6°39	7° 8	13° 9	13°59	27°29	26° 5	26°16	3°22	T 23
W24	10 12 16	4°30'33	14°14	13°17	14°57	10°36	27°17	6°46	7° 8	13° 8	13°59	27°30	26° 2	26°23	3°26	W24
T 25	10 16 12	5°31'01	28°51	12°30	16°12	11° 9	27°14	6°54	7° 9	13° 7	14° 0	27°R31	25°59	26°29	3°30	T 25
F 26	10 20 9	6°31'26	13♒48	11°37	17°27	11°42	27°12	7° 1	7°10	13° 5	14° 0	27°30	25°55	26°36	3°34	F 26
S 27	10 24 5	7°31'50	28°59	10°38	18°41	12°15	27° 9	7° 8	7°10	13° 4	14° 1	27°27	25°52	26°43	3°38	S 27
S 28	10 28 2	8°32'13	14♓15	9°36	19°56	12°47	27° 6	7°16	7°11	13° 3	14° 2	27°22	25°49	26°49	3°43	S 28
M29	10 31 59	9♓32'33	29♓24	8♓31	21♒11	13♐20	27♎ 3	7♓23	7♊12	13♎ 2	14♉ 2	27♋16	25♋46	26♌56	3♓47	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s24	7s23	4s14	14s55	1s29	22s15	0n11	18s43	0n54	9s14	1n22	11s26	1s31	21n26	0s 4	3s54	1n32	0n50	15s50	20n33	20n42	15n45	5s37	5n33
T 2	17 7	2 11	4 54	14 14	1 22	22 8	0 8	18 51	0 54	9 15	1 23	11 24	1 31	21 26	0 4	3 54	1 32	0 50	15 50	20 34	20 42	15 43	5 36	5 32
W 3	16 50	3n 0	5 14	13 32	1 14	22 1	0 5	19 0	0 53	9 15	1 23	11 21	1 31	21 26	0 4	3 54	1 32	0 51	15 50	20 34	20 43	15 42	5 34	5 32
T 4	16 32	7 52	5 15	12 49	1 5	21 53	0 3	19 8	0 53	9 15	1 23	11 19	1 31	21 26	0 4	3 53	1 32	0 51	15 49	20 34	20 44	15 40	5 33	5 32
F 5	16 14	12 12	4 59	12 6	0 56	21 45	0s 0	19 16	0 52	9 16	1 23	11 16	1 31	21 25	0 4	3 53	1 32	0 52	15 49	20 34	20 44	15 39	5 32	5 32
S 6	15 56	15 49	4 28	11 23	0 46	21 35	0 3	19 23	0 51	9 16	1 24	11 13	1 31	21 25	0 4	3 53	1 32	0 52	15 49	20 34	20 45	15 37	5 31	5 32
S 7	15 38	18 37	3 44	10 39	0 35	21 25	0 6	19 31	0 51	9 16	1 24	11 11	1 31	21 25	0 4	3 53	1 32	0 52	15 48	20 34	20 45	15 36	5 29	5 32
M 8	15 19	20 29	2 51	9 55	0 23	21 15	0 8	19 38	0 50	9 16	1 24	11 8	1 31	21 25	0 4	3 52	1 32	0 53	15 48	20 34	20 46	15 34	5 28	5 32
T 9	15 0	21 22	1 51	9 12	0 10	21 4	0 11	19 46	0 50	9 16	1 24	11 6	1 31	21 25	0 4	3 52	1 32	0 53	15 47	20 33	20 47	15 33	5 27	5 32
W10	14 41	21 14	0 47	8 30	0n 3	20 52	0 14	19 53	0 49	9 16	1 25	11 3	1 31	21 25	0 4	3 51	1 32	0 54	15 47	20 33	20 47	15 31	5 25	5 31
T 11	14 22	20 9	0n18	7 48	0 17	20 39	0 16	20 0	0 49	9 16	1 25	11 0	1 31	21 25	0 4	3 51	1 32	0 54	15 47	20 33	20 48	15 30	5 24	5 31
F 12	14 2	18 11	1 23	7 8	0 31	20 26	0 19	20 7	0 48	9 16	1 25	10 58	1 31	21 25	0 4	3 51	1 32	0 54	15 46	20 33	20 49	15 28	5 23	5 31
S 13	13 43	15 26	2 23	6 30	0 47	20 13	0 21	20 14	0 47	9 15	1 25	10 55	1 31	21 25	0 4	3 50	1 32	0 55	15 46	20 34	20 49	15 27	5 21	5 31
S 14	13 23	12 4	3 17	5 54	1 2	19 59	0 24	20 21	0 47	9 15	1 25	10 53	1 31	21 25	0 4	3 50	1 32	0 55	15 46	20 34	20 50	15 25	5 20	5 31
M15	13 2	8 13	4 3	5 21	1 18	19 44	0 26	20 28	0 46	9 15	1 26	10 50	1 31	21 25	0 4	3 50	1 32	0 56	15 45	20 35	20 50	15 24	5 19	5 31
T 16	12 42	4 2	4 39	4 51	1 34	19 28	0 29	20 34	0 45	9 14	1 26	10 47	1 31	21 25	0 4	3 49	1 32	0 56	15 45	20 36	20 51	15 22	5 17	5 31
W17	12 21	0s21	5 2	4 25	1 50	19 12	0 31	20 41	0 45	9 14	1 26	10 45	1 31	21 25	0 4	3 49	1 33	0 56	15 45	20 37	20 52	15 21	5 16	5 31
T 18	12 0	4 46	5 12	4 2	2 6	18 56	0 34	20 47	0 44	9 13	1 26	10 42	1 31	21 25	0 4	3 48	1 33	0 57	15 44	20 38	20 52	15 19	5 15	5 31
F 19	11 39	9 4	5 8	3 44	2 21	18 39	0 36	20 53	0 43	9 12	1 27	10 39	1 31	21 25	0 4	3 48	1 33	0 57	15 44	20 39	20 53	15 18	5 13	5 31
S 20	11 18	13 4	4 49	3 31	2 36	18 21	0 38	20 59	0 43	9 12	1 27	10 37	1 31	21 25	0 4	3 47	1 33	0 58	15 44	20 39	20 53	15 16	5 12	5 30
S 21	10 56	16 34	4 15	3 22	2 50	18 3	0 41	21 5	0 42	9 11	1 27	10 34	1 31	21 25	0 4	3 47	1 33	0 58	15 43	20 39	20 54	15 15	5 10	5 30
M22	10 35	19 18	3 26	3 18	3 3	17 44	0 43	21 11	0 41	9 10	1 27	10 31	1 31	21 26	0 4	3 46	1 33	0 59	15 43	20 39	20 55	15 13	5 9	5 30
T 23	10 13	21 1	2 24	3 19	3 14	17 25	0 45	21 16	0 41	9 9	1 28	10 29	1 31	21 26	0 4	3 46	1 33	0 59	15 43	20 39	20 55	15 11	5 8	5 30
W24	9 51	21 28	1 12	3 25	3 24	17 6	0 47	21 22	0 40	9 8	1 28	10 26	1 31	21 26	0 4	3 45	1 33	1 0	15 42	20 39	20 56	15 10	5 6	5 30
T 25	9 29	20 30	0s 7	3 36	3 32	16 45	0 49	21 27	0 39	9 7	1 28	10 23	1 31	21 26	0 4	3 45	1 33	1 0	15 42	20 39	20 56	15 8	5 5	5 30
F 26	9 7	18 4	1 28	3 51	3 38	16 25	0 51	21 33	0 38	9 6	1 28	10 21	1 31	21 26	0 4	3 44	1 33	1 1	15 42	20 39	20 57	15 7	5 3	5 30
S 27	8 44	14 22	2 43	4 9	3 41	16 4	0 53	21 38	0 37	9 5	1 28	10 18	1 31	21 26	0 4	3 44	1 33	1 1	15 41	20 39	20 57	15 5	5 2	5 30
S 28	8 22	9 41	3 47	4 31	3 43	15 42	0 55	21 43	0 37	9 3	1 29	10 15	1 31	21 26	0 4	3 43	1 33	1 2	15 41	20 40	20 58	15 4	5 0	5 30
M29	7s59	4s26	4s34	4s56	3n42	15s20	0s57	21s48	0n36	9s 2	1n29	10s13	1s32	21n26	0s 4	3s43	1n33	1n 2	15s41	20n42	20n59	15n 2	4s59	5n30

Julian Day Number = 2492482.5, Delta T = 99.07 sec
Ecliptic obliquity = 23°25'25, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°18'23, Lahiri = 25°25'23

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ASTRODIENST EPHEMERIS for the year 2112
geocentric

MARCH 2112 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 55	10♓32'52	14♈17	7°R27	22♒25	13♐53	27°R 0	7♓30	7♊12	13°R 0	14♉ 3	27°R 9	25♋43	27♌ 3	3♓51	T 1
W 2	10 39 52	11°33'09	28°46	6♓23	23°40	14°25	26♎56	7°38	7°13	12♎59	14° 4	27♋ 2	25°40	27° 9	3°55	W 2
T 3	10 43 48	12°33'24	12♉47	5°22	24°55	14°58	26°53	7°45	7°14	12°58	14° 4	26°57	25°36	27°16	3°59	T 3
F 4	10 47 45	13°33'37	26°19	4°25	26° 9	15°30	26°49	7°52	7°15	12°56	14° 5	26°54	25°33	27°23	4° 3	F 4
S 5	10 51 41	14°33'48	9♊22	3°33	27°24	16° 2	26°45	7°59	7°16	12°55	14° 6	26°D52	25°30	27°29	4° 7	S 5
S 6	10 55 38	15°33'56	22° 1	2°46	28°39	16°34	26°41	8° 7	7°17	12°53	14° 7	26°52	25°27	27°36	4°11	S 6
M 7	10 59 34	16°34'03	4♋20	2° 6	29°53	17° 6	26°36	8°14	7°18	12°52	14° 7	26°53	25°24	27°43	4°15	M 7
T 8	11 3 31	17°34'08	16°24	1°32	1♓ 8	17°38	26°32	8°21	7°19	12°51	14° 8	26°54	25°21	27°49	4°19	T 8
W 9	11 7 28	18°34'10	28°18	1° 4	2°23	18° 9	26°27	8°29	7°21	12°49	14° 9	26°R55	25°17	27°56	4°23	W 9
T 10	11 11 24	19°34'11	10♌ 7	0°44	3°37	18°41	26°22	8°36	7°22	12°48	14°10	26°54	25°14	28° 3	4°27	T 10
F 11	11 15 21	20°34'09	21°54	0°30	4°52	19°12	26°17	8°43	7°23	12°46	14°11	26°50	25°11	28° 9	4°31	F 11
S 12	11 19 17	21°34'05	3♍43	0°23	6° 7	19°43	26°12	8°50	7°25	12°45	14°12	26°45	25° 8	28°16	4°35	S 12
S 13	11 23 14	22°34'00	15°36	0°D22	7°21	20°15	26° 7	8°57	7°26	12°43	14°12	26°36	25° 5	28°23	4°39	S 13
M14	11 27 10	23°33'52	27°35	0°28	8°36	20°46	26° 2	9° 5	7°27	12°42	14°13	26°26	25° 1	28°29	4°43	M14
T 15	11 31 7	24°33'42	9♎41	0°39	9°50	21°16	25°56	9°12	7°29	12°40	14°14	26°15	24°58	28°36	4°47	T 15
W16	11 35 3	25°33'31	21°55	0°56	11° 5	21°47	25°50	9°19	7°30	12°39	14°15	26° 4	24°55	28°43	4°51	W16
T 17	11 39 0	26°33'17	4♏19	1°18	12°19	22°18	25°45	9°26	7°32	12°37	14°16	25°53	24°52	28°49	4°55	T 17
F 18	11 42 56	27°33'02	16°53	1°44	13°34	22°48	25°39	9°33	7°34	12°35	14°17	25°45	24°49	28°56	4°59	F 18
S 19	11 46 53	28°32'46	29°40	2°16	14°49	23°18	25°33	9°40	7°35	12°34	14°18	25°39	24°46	29° 3	5° 3	S 19
S 20	11 50 50	29°32'27	12♐41	2°52	16° 3	23°48	25°26	9°47	7°37	12°32	14°19	25°35	24°42	29° 9	5° 7	S 20
M21	11 54 46	0♈32'07	25°59	3°32	17°18	24°18	25°20	9°54	7°39	12°31	14°20	25°D34	24°39	29°16	5°10	M21
T 22	11 58 43	1°31'45	9♑36	4°16	18°32	24°48	25°14	10° 1	7°41	12°29	14°21	25°34	24°36	29°23	5°14	T 22
W23	12 2 39	2°31'22	23°33	5° 3	19°47	25°18	25° 7	10° 8	7°43	12°27	14°22	25°R34	24°33	29°29	5°18	W23
T 24	12 6 36	3°30'56	7♒52	5°54	21° 1	25°47	25° 1	10°15	7°44	12°26	14°23	25°34	24°30	29°36	5°22	T 24
F 25	12 10 32	4°30'29	22°31	6°48	22°16	26°16	24°54	10°22	7°46	12°24	14°24	25°31	24°26	29°43	5°25	F 25
S 26	12 14 29	5°30'00	7♓25	7°44	23°30	26°46	24°47	10°29	7°48	12°22	14°25	25°26	24°23	29°49	5°29	S 26
S 27	12 18 25	6°29'30	22°27	8°44	24°45	27°14	24°40	10°36	7°50	12°21	14°27	25°18	24°20	29°56	5°33	S 27
M28	12 22 22	7°28'57	7♈29	9°46	25°59	27°43	24°33	10°43	7°53	12°19	14°28	25° 8	24°17	0♍ 3	5°36	M28
T 29	12 26 19	8°28'22	22°20	10°51	27°14	28°12	24°26	10°49	7°55	12°18	14°29	24°57	24°14	0° 9	5°40	T 29
W30	12 30 15	9°27'45	6♉51	11°59	28°28	28°40	24°19	10°56	7°57	12°16	14°30	24°46	24°11	0°16	5°44	W30
T 31	12 34 12	10♈27'06	20♉57	13♓ 8	29♓43	29♐ 8	24♎11	11♓ 3	7♊59	12♎14	14♉31	24♋37	24♋ 7	0♍23	5♓47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s36	1n 0	5s 2	5s23	3n39	14s58	0s59	21s52	0n35	9s 1	1n29	10s10	1s32	21n26	0s 4	3s42	1n33	1n 3	15s41	20n43	20n59	15n 0	4s58	5n30
W 2	7 14	6 13	5 9	5 51	3 34	14 35	1 1	21 57	0 34	8 59	1 29	10 7	1 32	21 27	0 4	3 42	1 33	1 3	15 40	20 44	21 0	14 59	4 56	5 30
T 3	6 51	10 56	4 58	6 19	3 27	14 12	1 3	22 2	0 33	8 58	1 29	10 5	1 32	21 27	0 4	3 41	1 33	1 4	15 40	20 45	21 0	14 57	4 55	5 30
F 4	6 28	14 56	4 30	6 48	3 18	13 48	1 5	22 6	0 32	8 56	1 30	10 2	1 32	21 27	0 4	3 41	1 33	1 4	15 40	20 46	21 1	14 56	4 53	5 30
S 5	6 4	18 5	3 49	7 16	3 8	13 24	1 6	22 10	0 31	8 54	1 30	9 59	1 32	21 27	0 3	3 40	1 33	1 4	15 39	20 46	21 2	14 54	4 52	5 30
S 6	5 41	20 14	2 57	7 44	2 57	13 0	1 8	22 14	0 31	8 53	1 30	9 57	1 32	21 27	0 3	3 39	1 33	1 5	15 39	20 46	21 2	14 52	4 50	5 30
M 7	5 18	21 22	1 59	8 10	2 44	12 35	1 9	22 18	0 30	8 51	1 30	9 54	1 32	21 27	0 3	3 39	1 33	1 5	15 39	20 46	21 3	14 51	4 49	5 30
T 8	4 55	21 29	0 56	8 34	2 31	12 10	1 11	22 22	0 29	8 49	1 30	9 51	1 32	21 28	0 3	3 38	1 33	1 6	15 38	20 46	21 3	14 49	4 47	5 30
W 9	4 31	20 37	0n 8	8 57	2 17	11 45	1 12	22 26	0 28	8 47	1 31	9 49	1 32	21 28	0 3	3 38	1 33	1 6	15 38	20 46	21 4	14 48	4 46	5 30
T 10	4 8	18 50	1 11	9 17	2 3	11 19	1 14	22 30	0 27	8 46	1 31	9 46	1 32	21 28	0 3	3 37	1 33	1 7	15 38	20 46	21 4	14 46	4 44	5 30
F 11	3 44	16 15	2 10	9 35	1 49	10 53	1 15	22 34	0 26	8 44	1 31	9 43	1 32	21 28	0 3	3 36	1 33	1 7	15 38	20 47	21 5	14 44	4 43	5 30
S 12	3 21	13 0	3 4	9 51	1 35	10 27	1 16	22 37	0 25	8 42	1 31	9 41	1 32	21 29	0 3	3 36	1 33	1 8	15 37	20 48	21 6	14 43	4 41	5 30
S 13	2 57	9 13	3 51	10 5	1 20	10 0	1 17	22 40	0 24	8 40	1 31	9 38	1 32	21 29	0 3	3 35	1 33	1 9	15 37	20 49	21 6	14 41	4 40	5 30
M14	2 33	5 3	4 27	10 16	1 6	9 33	1 18	22 44	0 23	8 37	1 31	9 36	1 33	21 29	0 3	3 35	1 33	1 9	15 37	20 51	21 7	14 39	4 39	5 30
T 15	2 10	0 38	4 52	10 25	0 52	9 6	1 20	22 47	0 21	8 35	1 32	9 33	1 33	21 29	0 3	3 34	1 33	1 10	15 36	20 53	21 7	14 38	4 37	5 30
W16	1 46	3s50	5 3	10 32	0 39	8 39	1 21	22 50	0 20	8 33	1 32	9 30	1 33	21 30	0 3	3 33	1 33	1 10	15 36	20 55	21 8	14 36	4 36	5 30
T 17	1 22	8 13	5 1	10 37	0 25	8 11	1 21	22 53	0 19	8 31	1 32	9 28	1 33	21 30	0 3	3 33	1 34	1 11	15 36	20 57	21 9	14 34	4 34	5 31
F 18	0 58	12 20	4 44	10 39	0 13	7 44	1 22	22 56	0 18	8 29	1 32	9 25	1 33	21 30	0 3	3 32	1 34	1 11	15 36	20 59	21 9	14 33	4 33	5 31
S 19	0 35	15 57	4 13	10 40	0 0	7 16	1 23	22 58	0 17	8 26	1 32	9 23	1 33	21 30	0 3	3 31	1 34	1 12	15 35	21 0	21 10	14 31	4 31	5 31
S 20	0 11	18 52	3 28	10 38	0s12	6 47	1 24	23 1	0 16	8 24	1 32	9 20	1 33	21 31	0 3	3 31	1 34	1 12	15 35	21 1	21 10	14 29	4 30	5 31
M21	0n13	20 51	2 31	10 34	0 24	6 19	1 25	23 4	0 14	8 22	1 32	9 17	1 33	21 31	0 3	3 30	1 34	1 13	15 35	21 1	21 11	14 28	4 28	5 31
T 22	0 36	21 41	1 24	10 29	0 35	5 50	1 25	23 6	0 13	8 19	1 33	9 15	1 33	21 31	0 3	3 30	1 34	1 13	15 35	21 1	21 11	14 26	4 27	5 31
W23	1 0	21 12	0 11	10 21	0 45	5 22	1 26	23 9	0 12	8 17	1 33	9 12	1 33	21 32	0 3	3 29	1 34	1 14	15 34	21 1	21 12	14 24	4 25	5 31
T 24	1 24	19 20	1s 5	10 12	0 55	4 53	1 26	23 11	0 11	8 14	1 33	9 10	1 34	21 32	0 3	3 28	1 34	1 14	15 34	21 1	21 12	14 23	4 24	5 31
F 25	1 47	16 10	2 18	10 1	1 5	4 24	1 27	23 13	0 9	8 12	1 33	9 7	1 34	21 32	0 3	3 28	1 34	1 15	15 34	21 1	21 13	14 21	4 23	5 31
S 26	2 11	11 55	3 23	9 48	1 14	3 55	1 27	23 15	0 8	8 9	1 33	9 5	1 34	21 33	0 3	3 27	1 34	1 15	15 34	21 2	21 14	14 19	4 21	5 31
S 27	2 35	6 53	4 14	9 34	1 23	3 25	1 27	23 17	0 7	8 6	1 33	9 2	1 34	21 33	0 3	3 26	1 34	1 16	15 34	21 4	21 14	14 18	4 20	5 31
M28	2 58	1 26	4 48	9 18	1 31	2 56	1 28	23 19	0 5	8 4	1 33	9 0	1 34	21 33	0 3	3 26	1 34	1 16	15 33	21 6	21 15	14 16	4 18	5 32
T 29	3 21	4n 1	5 1	9 0	1 38	2 27	1 28	23 21	0 4	8 1	1 33	8 57	1 34	21 34	0 3	3 25	1 34	1 17	15 33	21 8	21 15	14 14	4 17	5 32
W30	3 45	9 8	4 55	8 41	1 45	1 57	1 28	23 23	0 2	7 58	1 33	8 55	1 34	21 34	0 3	3 24	1 34	1 17	15 33	21 10	21 16	14 13	4 15	5 32
T 31	4n 8	13n37	4s31	8s21	1s52	1s28	1s28	23s24	0n 1	7s56	1n33	8s52	1s34	21n34	0s 3	3s24	1n34	1n18	15s33	21n11	21n16	14n11	4s14	5n32

Julian Day Number = 2492511.5, Delta T = 99.11 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°18'27, Lahiri = 25°25'27

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2112
geocentric

APRIL 2112 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 38 8	11♈26'25	4♊35	14♓20	0♈57	29♐36	24°R 4	11♓10	8♊ 1	12°R13	14♉32	24°R29	24♋ 4	0♍29	5♓51	F 1
S 2	12 42 5	12°25'41	17°44	15°34	2°11	0♑ 3	23♎57	11°16	8° 4	12♎11	14°33	24♋25	24° 1	0°36	5°54	S 2
S 3	12 46 1	13°24'56	0♋27	16°49	3°26	0°31	23°49	11°23	8° 6	12° 9	14°35	24°23	23°58	0°43	5°58	S 3
M 4	12 49 58	14°24'08	12°49	18° 7	4°40	0°58	23°42	11°29	8° 8	12° 8	14°36	24°D22	23°55	0°49	6° 1	M 4
T 5	12 53 54	15°23'17	24°54	19°27	5°55	1°25	23°34	11°36	8°11	12° 6	14°37	24°R22	23°52	0°56	6° 4	T 5
W 6	12 57 51	16°22'24	6♌48	20°48	7° 9	1°52	23°27	11°42	8°13	12° 4	14°38	24°22	23°48	1° 3	6° 8	W 6
T 7	13 1 48	17°21'29	18°37	22°11	8°23	2°18	23°19	11°49	8°16	12° 3	14°39	24°20	23°45	1°10	6°11	T 7
F 8	13 5 44	18°20'32	0♍24	23°36	9°38	2°44	23°12	11°55	8°18	12° 1	14°41	24°15	23°42	1°16	6°14	F 8
S 9	13 9 41	19°19'32	12°16	25° 3	10°52	3°10	23° 4	12° 1	8°21	11°59	14°42	24° 8	23°39	1°23	6°18	S 9
S 10	13 13 37	20°18'31	24°13	26°31	12° 6	3°36	22°56	12° 8	8°23	11°58	14°43	23°58	23°36	1°30	6°21	S 10
M11	13 17 34	21°17'27	6♎21	28° 1	13°21	4° 2	22°49	12°14	8°26	11°56	14°44	23°46	23°32	1°36	6°24	M11
T 12	13 21 30	22°16'21	18°38	29°33	14°35	4°27	22°41	12°20	8°29	11°55	14°46	23°32	23°29	1°43	6°27	T 12
W13	13 25 27	23°15'13	1♏ 7	1♈ 6	15°49	4°52	22°33	12°26	8°31	11°53	14°47	23°18	23°26	1°50	6°30	W13
T 14	13 29 23	24°14'03	13°47	2°41	17° 3	5°16	22°25	12°32	8°34	11°51	14°48	23° 6	23°23	1°56	6°33	T 14
F 15	13 33 20	25°12'51	26°39	4°17	18°18	5°41	22°18	12°39	8°37	11°50	14°50	22°55	23°20	2° 3	6°36	F 15
S 16	13 37 17	26°11'37	9♐42	5°55	19°32	6° 5	22°10	12°45	8°39	11°48	14°51	22°47	23°17	2°10	6°39	S 16
S 17	13 41 13	27°10'22	22°56	7°35	20°46	6°29	22° 2	12°50	8°42	11°46	14°52	22°42	23°13	2°16	6°42	S 17
M18	13 45 10	28° 9'05	6♑22	9°16	22° 0	6°52	21°55	12°56	8°45	11°45	14°53	22°40	23°10	2°23	6°45	M18
T 19	13 49 6	29° 7'46	20° 1	10°58	23°14	7°15	21°47	13° 2	8°48	11°43	14°55	22°39	23° 7	2°30	6°48	T 19
W20	13 53 3	0♉ 6'26	3♒54	12°43	24°29	7°38	21°40	13° 8	8°51	11°42	14°56	22°39	23° 4	2°36	6°51	W20
T 21	13 56 59	1° 5'04	18° 1	14°29	25°43	8° 0	21°32	13°14	8°54	11°40	14°57	22°38	23° 1	2°43	6°54	T 21
F 22	14 0 56	2° 3'40	2♓22	16°16	26°57	8°23	21°25	13°19	8°57	11°39	14°59	22°36	22°58	2°50	6°57	F 22
S 23	14 4 52	3° 2'15	16°54	18° 6	28°11	8°44	21°17	13°25	9° 0	11°37	15° 0	22°30	22°54	2°56	6°59	S 23
S 24	14 8 49	4° 0'48	1♈32	19°56	29°25	9° 6	21°10	13°31	9° 3	11°36	15° 1	22°23	22°51	3° 3	7° 2	S 24
M25	14 12 46	4°59'19	16°11	21°49	0♉40	9°27	21° 2	13°36	9° 6	11°34	15° 3	22°13	22°48	3°10	7° 4	M25
T 26	14 16 42	5°57'48	0♉43	23°43	1°54	9°47	20°55	13°41	9° 9	11°33	15° 4	22° 1	22°45	3°16	7° 7	T 26
W27	14 20 39	6°56'16	15° 1	25°39	3° 8	10° 8	20°48	13°47	9°12	11°31	15° 5	21°50	22°42	3°23	7°10	W27
T 28	14 24 35	7°54'41	28°58	27°36	4°22	10°27	20°41	13°52	9°15	11°30	15° 7	21°40	22°38	3°30	7°12	T 28
F 29	14 28 32	8°53'05	12♊32	29°35	5°36	10°47	20°34	13°57	9°18	11°28	15° 8	21°32	22°35	3°36	7°14	F 29
S 30	14 32 28	9♉51'27	25♊40	1♉36	6♉50	11♑ 6	20♎27	14♓ 2	9♊21	11♎27	15♉ 9	21♋27	22♋32	3♍43	7♓17	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n31	17n15	3s52	7s59	1s58	0s58	1s28	23s26	0s 1	7s53	1n33	8s50	1s35	21n35	0s 3	3s23	1n34	1n18	15s33	21n13	21n17	14n 9	4s13	5n32
S 2	4 54	19 51	3 1	7 35	2 4	0 28	1 28	23 28	0 2	7 50	1 33	8 48	1 35	21 35	0 3	3 22	1 34	1 19	15 32	21 13	21 17	14 7	4 11	5 32
S 3	5 18	21 22	2 3	7 11	2 9	0n 1	1 28	23 29	0 4	7 47	1 34	8 45	1 35	21 36	0 3	3 22	1 34	1 19	15 32	21 14	21 18	14 6	4 10	5 32
M 4	5 40	21 48	1 1	6 44	2 13	0 31	1 27	23 30	0 5	7 45	1 34	8 43	1 35	21 36	0 3	3 21	1 34	1 20	15 32	21 14	21 19	14 4	4 8	5 33
T 5	6 3	21 11	0n 3	6 17	2 17	1 1	1 27	23 32	0 7	7 42	1 34	8 40	1 35	21 36	0 3	3 20	1 34	1 20	15 32	21 14	21 19	14 2	4 7	5 33
W 6	6 26	19 37	1 5	5 48	2 21	1 30	1 27	23 33	0 9	7 39	1 34	8 38	1 35	21 37	0 3	3 20	1 34	1 21	15 32	21 14	21 20	14 1	4 6	5 33
T 7	6 49	17 13	2 5	5 18	2 24	2 0	1 26	23 34	0 10	7 36	1 34	8 36	1 35	21 37	0 3	3 19	1 34	1 21	15 31	21 14	21 20	13 59	4 4	5 33
F 8	7 11	14 6	2 58	4 47	2 27	2 30	1 26	23 36	0 12	7 33	1 34	8 33	1 35	21 38	0 3	3 19	1 34	1 22	15 31	21 15	21 21	13 57	4 3	5 33
S 9	7 34	10 25	3 44	4 14	2 29	2 59	1 25	23 37	0 14	7 31	1 34	8 31	1 36	21 38	0 3	3 18	1 34	1 22	15 31	21 16	21 21	13 55	4 2	5 33
S 10	7 56	6 17	4 21	3 41	2 30	3 29	1 25	23 38	0 15	7 28	1 34	8 29	1 36	21 38	0 3	3 17	1 34	1 23	15 31	21 18	21 22	13 54	4 0	5 34
M11	8 18	1 52	4 46	3 6	2 31	3 58	1 24	23 39	0 17	7 25	1 34	8 27	1 36	21 39	0 3	3 17	1 34	1 23	15 31	21 20	21 22	13 52	3 59	5 34
T 12	8 40	2s41	4 59	2 30	2 32	4 28	1 23	23 40	0 19	7 22	1 34	8 24	1 36	21 39	0 3	3 16	1 34	1 24	15 31	21 22	21 23	13 50	3 58	5 34
W13	9 2	7 13	4 57	1 53	2 32	4 57	1 22	23 41	0 21	7 19	1 34	8 22	1 36	21 40	0 3	3 15	1 34	1 24	15 31	21 25	21 23	13 48	3 56	5 34
T 14	9 23	11 30	4 41	1 15	2 32	5 26	1 22	23 42	0 23	7 16	1 34	8 20	1 36	21 40	0 3	3 15	1 34	1 25	15 30	21 27	21 24	13 47	3 55	5 34
F 15	9 45	15 20	4 10	0 36	2 31	5 55	1 21	23 43	0 25	7 14	1 34	8 18	1 37	21 41	0 3	3 14	1 34	1 25	15 30	21 29	21 25	13 45	3 54	5 34
S 16	10 6	18 30	3 26	0n 4	2 29	6 24	1 20	23 44	0 27	7 11	1 34	8 16	1 37	21 41	0 3	3 13	1 34	1 26	15 30	21 30	21 25	13 43	3 52	5 35
S 17	10 28	20 44	2 30	0 45	2 27	6 53	1 19	23 45	0 29	7 8	1 34	8 14	1 37	21 41	0 3	3 13	1 34	1 26	15 30	21 31	21 26	13 41	3 51	5 35
M18	10 49	21 51	1 25	1 27	2 25	7 22	1 18	23 45	0 31	7 5	1 33	8 11	1 37	21 42	0 3	3 12	1 34	1 26	15 30	21 31	21 26	13 40	3 50	5 35
T 19	11 9	21 42	0 14	2 10	2 22	7 50	1 16	23 46	0 33	7 2	1 33	8 9	1 37	21 42	0 3	3 12	1 34	1 27	15 30	21 31	21 27	13 38	3 49	5 35
W20	11 30	20 14	0s59	2 54	2 18	8 19	1 15	23 47	0 35	7 0	1 33	8 7	1 37	21 43	0 3	3 11	1 34	1 27	15 30	21 31	21 27	13 36	3 48	5 35
T 21	11 51	17 29	2 10	3 39	2 14	8 47	1 14	23 48	0 37	6 57	1 33	8 5	1 38	21 43	0 3	3 10	1 34	1 28	15 30	21 31	21 28	13 34	3 46	5 36
F 22	12 11	13 38	3 14	4 24	2 10	9 15	1 13	23 49	0 39	6 54	1 33	8 3	1 38	21 44	0 3	3 10	1 34	1 28	15 30	21 32	21 28	13 32	3 45	5 36
S 23	12 31	8 56	4 5	5 10	2 5	9 43	1 11	23 50	0 42	6 51	1 33	8 1	1 38	21 44	0 3	3 9	1 34	1 29	15 29	21 33	21 29	13 31	3 44	5 36
S 24	12 51	3 42	4 42	5 57	1 59	10 10	1 10	23 51	0 44	6 49	1 33	7 59	1 38	21 45	0 3	3 9	1 34	1 29	15 29	21 34	21 29	13 29	3 43	5 36
M25	13 11	1n45	4 59	6 45	1 53	10 38	1 9	23 51	0 46	6 46	1 33	7 57	1 38	21 45	0 3	3 8	1 34	1 30	15 29	21 36	21 30	13 27	3 42	5 37
T 26	13 30	7 4	4 58	7 33	1 46	11 5	1 7	23 52	0 49	6 44	1 33	7 55	1 38	21 46	0 3	3 8	1 34	1 30	15 29	21 37	21 30	13 25	3 40	5 37
W27	13 49	11 55	4 37	8 22	1 40	11 31	1 5	23 53	0 51	6 41	1 33	7 54	1 39	21 46	0 3	3 7	1 34	1 31	15 29	21 39	21 31	13 23	3 39	5 37
T 28	14 8	16 0	4 0	9 11	1 32	11 58	1 4	23 54	0 53	6 38	1 33	7 52	1 39	21 47	0 3	3 7	1 34	1 31	15 29	21 41	21 31	13 22	3 38	5 37
F 29	14 27	19 8	3 11	10 0	1 24	12 24	1 2	23 55	0 56	6 36	1 32	7 50	1 39	21 47	0 3	3 6	1 34	1 31	15 29	21 42	21 32	13 20	3 37	5 38
S 30	14n46	21n 9	2s12	10n50	1s16	12n50	1s 0	23s56	0s59	6s33	1n32	7s48	1s39	21n48	0s 3	3s 5	1n34	1n32	15s29	21n43	21n32	13n18	3s36	5n38

Julian Day Number = 2492542.5, Delta T = 99.15 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°18'31, Lahiri = 25°25'31

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ASTRODIENST EPHEMERIS for the year 2112
geocentric

MAY 2112 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 25	10♉49'47	8♋25	3♉38	8♉ 4	11♏24	20°R20	14♓ 8	9♊25	11°R26	15♉11	21°R25	22♋29	3♍50	7♓19	S 1
M 2	14 40 21	11°48'05	20°49	5°41	9°18	11°43	20♎13	14°13	9°28	11♎24	15°12	21°D24	22°26	3°56	7°21	M 2
T 3	14 44 18	12°46'21	2♌56	7°46	10°32	12° 0	20° 6	14°18	9°31	11°23	15°14	21♋24	22°23	4° 3	7°24	T 3
W 4	14 48 15	13°44'35	14°53	9°53	11°46	12°17	20° 0	14°22	9°34	11°21	15°15	21°R25	22°19	4°10	7°26	W 4
T 5	14 52 11	14°42'46	26°43	12° 0	13° 0	12°34	19°53	14°27	9°37	11°20	15°16	21°24	22°16	4°16	7°28	T 5
F 6	14 56 8	15°40'56	8♍33	14° 8	14°14	12°51	19°47	14°32	9°41	11°19	15°18	21°21	22°13	4°23	7°30	F 6
S 7	15 0 4	16°39'04	20°27	16°17	15°28	13° 6	19°41	14°37	9°44	11°18	15°19	21°16	22°10	4°30	7°32	S 7
S 8	15 4 1	17°37'09	2♎30	18°27	16°42	13°22	19°35	14°41	9°47	11°16	15°20	21° 9	22° 7	4°36	7°34	S 8
M 9	15 7 57	18°35'13	14°44	20°37	17°56	13°36	19°29	14°46	9°51	11°15	15°22	21° 0	22° 3	4°43	7°36	M 9
T 10	15 11 54	19°33'15	27°13	22°48	19°10	13°51	19°23	14°50	9°54	11°14	15°23	20°49	22° 0	4°50	7°38	T 10
W11	15 15 50	20°31'16	9♏56	24°58	20°24	14° 5	19°17	14°55	9°57	11°13	15°24	20°38	21°57	4°57	7°40	W11
T 12	15 19 47	21°29'15	22°54	27° 8	21°38	14°18	19°12	14°59	10° 1	11°11	15°26	20°28	21°54	5° 3	7°41	T 12
F 13	15 23 43	22°27'12	6♐ 7	29°17	22°52	14°30	19° 6	15° 3	10° 4	11°10	15°27	20°20	21°51	5°10	7°43	F 13
S 14	15 27 40	23°25'08	19°32	1♊25	24° 6	14°43	19° 1	15° 7	10° 8	11° 9	15°28	20°14	21°48	5°17	7°45	S 14
S 15	15 31 37	24°23'02	3♑ 8	3°32	25°20	14°54	18°56	15°11	10°11	11° 8	15°30	20°10	21°44	5°23	7°46	S 15
M16	15 35 33	25°20'55	16°53	5°37	26°34	15° 5	18°51	15°15	10°14	11° 7	15°31	20°D 9	21°41	5°30	7°48	M16
T 17	15 39 30	26°18'47	0♒46	7°40	27°47	15°16	18°46	15°19	10°18	11° 6	15°33	20° 9	21°38	5°37	7°49	T 17
W18	15 43 26	27°16'38	14°47	9°42	29° 1	15°25	18°41	15°23	10°21	11° 5	15°34	20°10	21°35	5°43	7°51	W18
T 19	15 47 23	28°14'27	28°53	11°41	0♊15	15°34	18°36	15°27	10°25	11° 4	15°35	20°R11	21°32	5°50	7°52	T 19
F 20	15 51 19	29°12'16	13♓ 5	13°38	1°29	15°43	18°32	15°30	10°28	11° 3	15°37	20°10	21°29	5°57	7°53	F 20
S 21	15 55 16	0♊10'03	27°20	15°32	2°43	15°51	18°28	15°34	10°32	11° 2	15°38	20° 7	21°25	6° 3	7°55	S 21
S 22	15 59 12	1° 7'49	11♈36	17°24	3°57	15°58	18°23	15°37	10°35	11° 1	15°39	20° 2	21°22	6°10	7°56	S 22
M23	16 3 9	2° 5'34	25°48	19°13	5°11	16° 4	18°19	15°41	10°39	11° 0	15°40	19°56	21°19	6°17	7°57	M23
T 24	16 7 6	3° 3'17	9♉53	20°58	6°24	16°10	18°16	15°44	10°42	10°59	15°42	19°48	21°16	6°23	7°58	T 24
W25	16 11 2	4° 1'00	23°46	22°41	7°38	16°15	18°12	15°47	10°46	10°58	15°43	19°41	21°13	6°30	7°59	W25
T 26	16 14 59	4°58'42	7♊23	24°21	8°52	16°20	18° 8	15°51	10°49	10°57	15°44	19°34	21° 9	6°37	8° 0	T 26
F 27	16 18 55	5°56'22	20°41	25°58	10° 6	16°23	18° 5	15°54	10°53	10°57	15°46	19°29	21° 6	6°43	8° 1	F 27
S 28	16 22 52	6°54'01	3♋40	27°32	11°20	16°26	18° 2	15°57	10°56	10°56	15°47	19°26	21° 3	6°50	8° 2	S 28
S 29	16 26 48	7°51'38	16°19	29° 2	12°33	16°29	17°59	15°59	11° 0	10°55	15°48	19°D25	21° 0	6°57	8° 3	S 29
M30	16 30 45	8°49'15	28°41	0♋29	13°47	16°30	17°56	16° 2	11° 3	10°54	15°50	19°25	20°57	7° 4	8° 3	M30
T 31	16 34 42	9♊46'49	10♌48	1♋53	15♊ 1	16♏31	17♎54	16♓ 5	11♊ 7	10♎54	15♉51	19♋27	20♋54	7♍10	8♓ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 4	22n 1	1s 9	11n40	1s 7	13n16	0s59	23s57	1s 1	6s31	1n32	7s46	1s39	21n48	0s 3	3s 5	1n34	1n32	15s29	21n43	21n33	13n16	3s35	5n38
M 2	15 22	21 46	0 3	12 30	0 58	13 41	0 57	23 58	1 4	6 28	1 32	7 44	1 40	21 49	0 3	3 4	1 34	1 33	15 29	21 43	21 34	13 14	3 34	5 38
T 3	15 40	20 29	1n 1	13 20	0 48	14 6	0 55	23 59	1 6	6 26	1 32	7 43	1 40	21 49	0 3	3 4	1 33	1 33	15 29	21 43	21 34	13 12	3 33	5 39
W 4	15 57	18 18	2 2	14 9	0 39	14 31	0 53	24 0	1 9	6 24	1 32	7 41	1 40	21 49	0 3	3 3	1 33	1 33	15 29	21 43	21 35	13 11	3 32	5 39
T 5	16 14	15 22	2 56	14 58	0 29	14 55	0 51	24 1	1 12	6 22	1 32	7 39	1 40	21 50	0 3	3 3	1 33	1 34	15 29	21 43	21 35	13 9	3 31	5 39
F 6	16 31	11 49	3 44	15 47	0 18	15 19	0 49	24 3	1 15	6 19	1 31	7 38	1 40	21 50	0 3	3 2	1 33	1 34	15 29	21 44	21 36	13 7	3 30	5 39
S 7	16 48	7 47	4 21	16 34	0 8	15 42	0 47	24 4	1 18	6 17	1 31	7 36	1 40	21 51	0 3	3 2	1 33	1 35	15 29	21 45	21 36	13 5	3 29	5 40
S 8	17 5	3 25	4 48	17 21	0n 3	16 6	0 45	24 5	1 21	6 15	1 31	7 34	1 41	21 51	0 3	3 1	1 33	1 35	15 29	21 46	21 37	13 3	3 28	5 40
M 9	17 21	1s10	5 2	18 6	0 13	16 28	0 43	24 7	1 24	6 13	1 31	7 33	1 41	21 52	0 3	3 1	1 33	1 35	15 29	21 47	21 37	13 1	3 27	5 40
T 10	17 37	5 47	5 2	18 50	0 24	16 51	0 41	24 8	1 27	6 11	1 31	7 31	1 41	21 52	0 3	3 1	1 33	1 36	15 29	21 49	21 38	13 0	3 26	5 40
W11	17 52	10 15	4 47	19 33	0 34	17 12	0 39	24 10	1 30	6 9	1 31	7 30	1 41	21 53	0 3	3 0	1 33	1 36	15 29	21 50	21 38	12 58	3 25	5 41
T 12	18 7	14 20	4 17	20 14	0 44	17 34	0 37	24 12	1 33	6 7	1 30	7 28	1 41	21 54	0 3	3 0	1 33	1 36	15 29	21 52	21 39	12 56	3 24	5 41
F 13	18 22	17 49	3 33	20 52	0 54	17 55	0 35	24 13	1 36	6 5	1 30	7 27	1 42	21 54	0 3	2 59	1 33	1 37	15 29	21 53	21 39	12 54	3 23	5 41
S 14	18 37	20 25	2 36	21 29	1 4	18 15	0 33	24 15	1 39	6 3	1 30	7 26	1 42	21 55	0 3	2 59	1 33	1 37	15 29	21 54	21 40	12 52	3 22	5 42
S 15	18 51	21 53	1 30	22 3	1 13	18 35	0 31	24 17	1 42	6 1	1 30	7 24	1 42	21 55	0 3	2 58	1 33	1 37	15 29	21 55	21 40	12 50	3 21	5 42
M16	19 5	22 4	0 18	22 35	1 22	18 55	0 28	24 19	1 46	6 0	1 30	7 23	1 42	21 56	0 3	2 58	1 33	1 38	15 29	21 55	21 41	12 48	3 21	5 42
T 17	19 19	20 54	0s57	23 4	1 30	19 14	0 26	24 22	1 49	5 58	1 29	7 21	1 43	21 56	0 3	2 58	1 33	1 38	15 29	21 55	21 41	12 46	3 20	5 42
W18	19 32	18 26	2 8	23 30	1 38	19 32	0 24	24 24	1 53	5 56	1 29	7 20	1 43	21 57	0 3	2 57	1 33	1 38	15 29	21 55	21 42	12 45	3 19	5 43
T 19	19 45	14 52	3 13	23 55	1 45	19 50	0 21	24 26	1 56	5 55	1 29	7 19	1 43	21 57	0 3	2 57	1 33	1 39	15 29	21 55	21 42	12 43	3 18	5 43
F 20	19 58	10 25	4 6	24 16	1 52	20 8	0 19	24 29	2 0	5 53	1 29	7 18	1 43	21 58	0 3	2 57	1 33	1 39	15 29	21 55	21 43	12 41	3 18	5 43
S 21	20 10	5 24	4 44	24 35	1 57	20 25	0 17	24 31	2 3	5 52	1 29	7 17	1 43	21 58	0 3	2 56	1 33	1 39	15 29	21 55	21 43	12 39	3 17	5 44
S 22	20 22	0 5	5 4	24 51	2 2	20 41	0 14	24 34	2 7	5 51	1 28	7 15	1 44	21 59	0 3	2 56	1 33	1 40	15 29	21 56	21 44	12 37	3 16	5 44
M23	20 34	5n13	5 6	25 5	2 6	20 57	0 12	24 37	2 11	5 49	1 28	7 14	1 44	21 59	0 3	2 56	1 33	1 40	15 29	21 57	21 44	12 35	3 15	5 44
T 24	20 45	10 12	4 49	25 16	2 10	21 12	0 10	24 40	2 14	5 48	1 28	7 13	1 44	22 0	0 3	2 55	1 33	1 40	15 29	21 58	21 45	12 33	3 15	5 44
W25	20 56	14 35	4 15	25 25	2 12	21 27	0 7	24 43	2 18	5 47	1 28	7 12	1 44	22 0	0 3	2 55	1 33	1 41	15 29	21 59	21 45	12 31	3 14	5 45
T 26	21 7	18 7	3 27	25 32	2 14	21 41	0 5	24 47	2 22	5 46	1 27	7 11	1 45	22 1	0 3	2 55	1 33	1 41	15 29	22 0	21 46	12 29	3 13	5 45
F 27	21 17	20 37	2 29	25 37	2 15	21 54	0 3	24 50	2 26	5 45	1 27	7 10	1 45	22 1	0 3	2 54	1 33	1 41	15 29	22 1	21 46	12 27	3 13	5 45
S 28	21 27	21 58	1 24	25 39	2 15	22 7	0 0	24 53	2 30	5 44	1 27	7 9	1 45	22 2	0 3	2 54	1 33	1 41	15 29	22 1	21 47	12 25	3 12	5 46
S 29	21 36	22 9	0 17	25 39	2 14	22 19	0n 2	24 57	2 34	5 43	1 27	7 8	1 45	22 2	0 3	2 54	1 33	1 42	15 30	22 1	21 47	12 24	3 12	5 46
M30	21 45	21 14	0n50	25 38	2 13	22 31	0 5	25 1	2 38	5 42	1 26	7 7	1 45	22 3	0 3	2 54	1 33	1 42	15 30	22 1	21 48	12 22	3 11	5 46
T 31	21n54	19n20	1n54	25n35	2n10	22n42	0n 7	25s 5	2s42	5s41	1n26	7s 7	1s46	22n 3	0s 3	2s53	1n33	1n42	15s30	22n 1	21n48	12n20	3s11	5n46

Julian Day Number = 2492572.5, Delta T = 99.20 sec
Ecliptic obliquity = 23°25'25, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°18'35, Lahiri = 25°25'36

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ASTRODIENST EPHEMERIS for the year 2112
geocentric

JUNE 2112 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 38 38	10♊44'23	22♌45	3♋14	16♊15	16°R31	17°R51	16♓ 7	11♊10	10°R53	15♉52	19♋28	20♋50	7♍17	8♓ 5	W 1
T 2	16 42 35	11°41'55	4♍37	4°32	17°29	16♏30	17♎49	16°10	11°14	10♎52	15°53	19°29	20°47	7°24	8° 5	T 2
F 3	16 46 31	12°39'26	16°29	5°46	18°42	16°29	17°47	16°12	11°17	10°52	15°55	19°R29	20°44	7°30	8° 6	F 3
S 4	16 50 28	13°36'55	28°24	6°56	19°56	16°27	17°45	16°15	11°21	10°51	15°56	19°28	20°41	7°37	8° 6	S 4
S 5	16 54 24	14°34'23	10♎29	8° 3	21°10	16°24	17°43	16°17	11°24	10°51	15°57	19°26	20°38	7°44	8° 7	S 5
M 6	16 58 21	15°31'50	22°48	9° 7	22°23	16°20	17°42	16°19	11°28	10°50	15°58	19°22	20°35	7°50	8° 7	M 6
T 7	17 2 17	16°29'16	5♏22	10° 7	23°37	16°16	17°40	16°21	11°32	10°50	15°59	19°17	20°31	7°57	8° 7	T 7
W 8	17 6 14	17°26'41	18°16	11° 3	24°51	16°11	17°39	16°23	11°35	10°49	16° 1	19°12	20°28	8° 4	8° 7	W 8
T 9	17 10 11	18°24'04	1♐28	11°56	26° 4	16° 5	17°38	16°25	11°39	10°49	16° 2	19° 7	20°25	8°10	8° 8	T 9
F 10	17 14 7	19°21'27	15° 0	12°44	27°18	15°58	17°37	16°27	11°42	10°49	16° 3	19° 3	20°22	8°17	8° 8	F 10
S 11	17 18 4	20°18'49	28°48	13°29	28°32	15°51	17°37	16°28	11°46	10°48	16° 4	19° 0	20°19	8°24	8°R 8	S 11
S 12	17 22 0	21°16'10	12♑49	14°10	29°45	15°43	17°36	16°30	11°49	10°48	16° 5	18°D59	20°15	8°30	8° 8	S 12
M13	17 25 57	22°13'31	27° 0	14°46	0♋59	15°34	17°36	16°31	11°53	10°48	16° 6	18°59	20°12	8°37	8° 8	M13
T 14	17 29 53	23°10'51	11♒17	15°19	2°13	15°24	17°D36	16°33	11°56	10°47	16° 8	19° 0	20° 9	8°44	8° 7	T 14
W15	17 33 50	24° 8'10	25°36	15°47	3°26	15°14	17°36	16°34	12° 0	10°47	16° 9	19° 1	20° 6	8°51	8° 7	W15
T 16	17 37 46	25° 5'29	9♓54	16°11	4°40	15° 3	17°36	16°35	12° 3	10°47	16°10	19° 2	20° 3	8°57	8° 7	T 16
F 17	17 41 43	26° 2'48	24° 8	16°30	5°54	14°52	17°37	16°36	12° 6	10°47	16°11	19°R 3	20° 0	9° 4	8° 7	F 17
S 18	17 45 40	27° 0'06	8♈16	16°45	7° 7	14°40	17°37	16°37	12°10	10°47	16°12	19° 3	19°56	9°11	8° 6	S 18
S 19	17 49 36	27°57'24	22°16	16°55	8°21	14°27	17°38	16°38	12°13	10°47	16°13	19° 1	19°53	9°17	8° 6	S 19
M20	17 53 33	28°54'41	6♉ 7	17° 1	9°35	14°13	17°39	16°39	12°17	10°46	16°14	18°59	19°50	9°24	8° 5	M20
T 21	17 57 29	29°51'59	19°46	17°R 2	10°48	13°59	17°40	16°39	12°20	10°46	16°15	18°57	19°47	9°31	8° 5	T 21
W22	18 1 26	0♋49'16	3♊12	16°58	12° 2	13°45	17°42	16°40	12°24	10°D46	16°16	18°54	19°44	9°37	8° 4	W22
T 23	18 5 22	1°46'33	16°24	16°50	13°15	13°30	17°43	16°40	12°27	10°46	16°17	18°52	19°41	9°44	8° 3	T 23
F 24	18 9 19	2°43'49	29°21	16°38	14°29	13°14	17°45	16°41	12°30	10°46	16°18	18°50	19°37	9°51	8° 3	F 24
S 25	18 13 15	3°41'05	12♋ 3	16°22	15°43	12°58	17°47	16°41	12°34	10°47	16°19	18°50	19°34	9°57	8° 2	S 25
S 26	18 17 12	4°38'21	24°30	16° 2	16°56	12°42	17°49	16°41	12°37	10°47	16°20	18°D49	19°31	10° 4	8° 1	S 26
M27	18 21 9	5°35'36	6♌45	15°38	18°10	12°25	17°51	16°R41	12°40	10°47	16°21	18°50	19°28	10°11	8° 0	M27
T 28	18 25 5	6°32'51	18°49	15°11	19°23	12° 8	17°53	16°41	12°44	10°47	16°22	18°51	19°25	10°18	7°59	T 28
W29	18 29 2	7°30'05	0♍45	14°41	20°37	11°50	17°56	16°41	12°47	10°47	16°23	18°52	19°21	10°24	7°58	W29
T 30	18 32 58	8♋27'19	12♍36	14♋ 9	21♋51	11♏33	17♎58	16♓41	12♊50	10♎48	16♉24	18♋53	19♋18	10♍31	7♓57	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 2	16n37	2n51	25n30	2n 7	22n52	0n 9	25s 9	2s46	5s41	1n26	7s 6	1s46	22n 4	0s 3	2s53	1n33	1n42	15s30	22n 1	21n49	12n18	3s10	5n47
T 2	22 10	13 14	3 41	25 24	2 3	23 2	0 12	25 13	2 50	5 40	1 26	7 5	1 46	22 4	0 3	2 53	1 33	1 43	15 30	22 1	21 49	12 16	3 10	5 47
F 3	22 18	9 21	4 22	25 16	1 58	23 11	0 14	25 17	2 54	5 39	1 25	7 4	1 46	22 5	0 3	2 53	1 33	1 43	15 30	22 1	21 50	12 14	3 9	5 47
S 4	22 25	5 5	4 51	25 7	1 53	23 19	0 17	25 22	2 58	5 39	1 25	7 4	1 47	22 5	0 3	2 53	1 32	1 43	15 30	22 1	21 50	12 12	3 9	5 48
S 5	22 32	0 34	5 8	24 57	1 46	23 27	0 19	25 26	3 3	5 39	1 25	7 3	1 47	22 6	0 3	2 52	1 32	1 43	15 30	22 1	21 50	12 10	3 8	5 48
M 6	22 38	4s 2	5 11	24 45	1 39	23 34	0 21	25 31	3 7	5 38	1 25	7 2	1 47	22 6	0 3	2 52	1 32	1 43	15 30	22 2	21 51	12 8	3 8	5 48
T 7	22 44	8 36	5 0	24 33	1 31	23 40	0 24	25 36	3 11	5 38	1 24	7 2	1 47	22 7	0 2	2 52	1 32	1 44	15 31	22 2	21 51	12 6	3 7	5 49
W 8	22 50	12 53	4 33	24 19	1 22	23 45	0 26	25 41	3 15	5 38	1 24	7 1	1 48	22 7	0 2	2 52	1 32	1 44	15 31	22 3	21 52	12 4	3 7	5 49
T 9	22 55	16 40	3 51	24 5	1 12	23 50	0 28	25 45	3 20	5 38	1 24	7 1	1 48	22 8	0 2	2 52	1 32	1 44	15 31	22 4	21 52	12 2	3 7	5 49
F 10	23 0	19 40	2 55	23 51	1 2	23 54	0 31	25 51	3 24	5 37	1 24	7 0	1 48	22 8	0 2	2 52	1 32	1 44	15 31	22 4	21 53	12 0	3 6	5 49
S 11	23 4	21 37	1 48	23 35	0 51	23 58	0 33	25 56	3 28	5 37	1 23	7 0	1 48	22 8	0 2	2 52	1 32	1 44	15 31	22 5	21 53	11 58	3 6	5 50
S 12	23 8	22 15	0 34	23 19	0 39	24 0	0 35	26 1	3 32	5 38	1 23	7 0	1 49	22 9	0 2	2 51	1 32	1 44	15 31	22 5	21 54	11 56	3 6	5 50
M13	23 12	21 28	0s44	23 3	0 27	24 3	0 37	26 6	3 37	5 38	1 23	6 59	1 49	22 9	0 2	2 51	1 32	1 45	15 32	22 5	21 54	11 54	3 6	5 50
T 14	23 15	19 18	1 59	22 46	0 13	24 4	0 40	26 12	3 41	5 38	1 23	6 59	1 49	22 10	0 2	2 51	1 32	1 45	15 32	22 5	21 55	11 52	3 5	5 51
W15	23 18	15 55	3 8	22 29	0s 0	24 4	0 42	26 17	3 45	5 38	1 22	6 59	1 49	22 10	0 2	2 51	1 32	1 45	15 32	22 5	21 55	11 50	3 5	5 51
T 16	23 20	11 37	4 4	22 12	0 15	24 4	0 44	26 23	3 50	5 39	1 22	6 58	1 50	22 11	0 2	2 51	1 32	1 45	15 32	22 4	21 56	11 48	3 5	5 51
F 17	23 22	6 42	4 46	21 55	0 30	24 3	0 46	26 28	3 54	5 39	1 22	6 58	1 50	22 11	0 2	2 51	1 32	1 45	15 32	22 4	21 56	11 46	3 5	5 52
S 18	23 23	1 28	5 9	21 38	0 45	24 2	0 48	26 34	3 58	5 39	1 21	6 58	1 50	22 12	0 2	2 51	1 32	1 45	15 32	22 4	21 57	11 44	3 5	5 52
S 19	23 24	3n48	5 14	21 21	1 1	24 0	0 50	26 39	4 2	5 40	1 21	6 58	1 50	22 12	0 2	2 51	1 32	1 45	15 33	22 4	21 57	11 42	3 5	5 52
M20	23 25	8 49	5 1	21 4	1 17	23 57	0 52	26 45	4 6	5 41	1 21	6 58	1 51	22 13	0 2	2 51	1 32	1 45	15 33	22 5	21 58	11 40	3 5	5 52
T 21	23 25	13 19	4 31	20 48	1 33	23 53	0 54	26 50	4 10	5 41	1 21	6 58	1 51	22 13	0 2	2 51	1 32	1 45	15 33	22 5	21 58	11 38	3 5	5 53
W22	23 25	17 5	3 46	20 32	1 50	23 49	0 56	26 56	4 14	5 42	1 20	6 58	1 51	22 14	0 2	2 51	1 32	1 46	15 33	22 5	21 58	11 36	3 4	5 53
T 23	23 25	19 55	2 50	20 17	2 6	23 44	0 58	27 1	4 18	5 43	1 20	6 58	1 51	22 14	0 2	2 51	1 32	1 46	15 33	22 6	21 59	11 34	3 4	5 53
F 24	23 24	21 40	1 46	20 2	2 23	23 38	1 0	27 7	4 22	5 44	1 20	6 58	1 52	22 14	0 2	2 51	1 32	1 46	15 34	22 6	21 59	11 32	3 4	5 54
S 25	23 22	22 15	0 37	19 47	2 39	23 31	1 2	27 12	4 26	5 45	1 20	6 58	1 52	22 15	0 2	2 51	1 32	1 46	15 34	22 6	22 0	11 30	3 5	5 54
S 26	23 21	21 43	0n31	19 34	2 55	23 24	1 4	27 17	4 30	5 46	1 19	6 58	1 52	22 15	0 2	2 52	1 32	1 46	15 34	22 6	22 0	11 28	3 5	5 54
M27	23 18	20 9	1 38	19 21	3 10	23 16	1 5	27 23	4 33	5 47	1 19	6 59	1 52	22 16	0 2	2 52	1 31	1 46	15 34	22 6	22 1	11 26	3 5	5 54
T 28	23 16	17 41	2 38	19 10	3 25	23 8	1 7	27 28	4 37	5 48	1 19	6 59	1 53	22 16	0 2	2 52	1 31	1 46	15 34	22 6	22 1	11 24	3 5	5 55
W29	23 13	14 30	3 32	18 59	3 39	22 59	1 9	27 33	4 40	5 49	1 19	6 59	1 53	22 17	0 2	2 52	1 31	1 46	15 35	22 6	22 2	11 22	3 5	5 55
T 30	23n 9	10n46	4n16	18n49	3s52	22n49	1n10	27s38	4s44	5s50	1n18	6s59	1s53	22n17	0s 2	2s52	1n31	1n46	15s35	22n 6	22n 2	11n20	3s 5	5n55

Julian Day Number = 2492603.5, Delta T = 99.24 sec
Ecliptic obliquity = 23°25'25, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°18'39, Lahiri = 25°25'40

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ASTRODIENST EPHEMERIS for the year 2112
geocentric

JULY 2112 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 36 55	9♋24'33	24♍27	13°R35	23♋ 4	11°R15	18♎ 1	16°R41	12♊53	10♎48	16♉25	18♋54	19♋15	10♍38	7°R56	F 1
S 2	18 40 51	10°21'45	6♎23	13♋ 0	24°18	10♏57	18° 4	16♓40	12°57	10°48	16°26	18°R54	19°12	10°44	7♓55	S 2
S 3	18 44 48	11°18'58	18°28	12°23	25°31	10°39	18° 8	16°40	13° 0	10°48	16°27	18°54	19° 9	10°51	7°54	S 3
M 4	18 48 44	12°16'10	0♏46	11°47	26°45	10°20	18°11	16°39	13° 3	10°49	16°27	18°54	19° 6	10°58	7°52	M 4
T 5	18 52 41	13°13'22	13°21	11°11	27°58	10° 2	18°15	16°38	13° 6	10°49	16°28	18°53	19° 2	11° 4	7°51	T 5
W 6	18 56 38	14°10'33	26°17	10°37	29°12	9°44	18°18	16°37	13° 9	10°50	16°29	18°53	18°59	11°11	7°50	W 6
T 7	19 0 34	15° 7'45	9♐37	10° 4	0♌25	9°26	18°22	16°36	13°13	10°50	16°30	18°52	18°56	11°18	7°48	T 7
F 8	19 4 31	16° 4'56	23°19	9°33	1°39	9° 8	18°26	16°35	13°16	10°51	16°31	18°52	18°53	11°24	7°47	F 8
S 9	19 8 27	17° 2'07	7♑23	9° 5	2°52	8°50	18°30	16°34	13°19	10°51	16°31	18°52	18°50	11°31	7°45	S 9
S 10	19 12 24	17°59'18	21°46	8°41	4° 6	8°33	18°35	16°33	13°22	10°52	16°32	18°D52	18°47	11°38	7°44	S 10
M11	19 16 20	18°56'29	6♒23	8°20	5°19	8°15	18°39	16°32	13°25	10°52	16°33	18°R52	18°43	11°45	7°42	M11
T 12	19 20 17	19°53'41	21° 6	8° 4	6°33	7°58	18°44	16°30	13°28	10°53	16°34	18°52	18°40	11°51	7°40	T 12
W13	19 24 13	20°50'53	5♓50	7°52	7°46	7°41	18°49	16°29	13°31	10°54	16°34	18°52	18°37	11°58	7°39	W13
T 14	19 28 10	21°48'05	20°28	7°45	8°59	7°25	18°54	16°27	13°34	10°54	16°35	18°51	18°34	12° 5	7°37	T 14
F 15	19 32 7	22°45'17	4♈54	7°D43	10°13	7° 9	18°59	16°26	13°37	10°55	16°36	18°51	18°31	12°11	7°35	F 15
S 16	19 36 3	23°42'30	19° 6	7°46	11°26	6°54	19° 4	16°24	13°40	10°56	16°36	18°D51	18°27	12°18	7°33	S 16
S 17	19 40 0	24°39'44	3♉ 1	7°55	12°40	6°39	19°10	16°22	13°42	10°57	16°37	18°51	18°24	12°25	7°31	S 17
M18	19 43 56	25°36'59	16°39	8° 9	13°53	6°24	19°15	16°20	13°45	10°58	16°37	18°51	18°21	12°31	7°29	M18
T 19	19 47 53	26°34'14	29°59	8°28	15° 7	6°10	19°21	16°18	13°48	10°58	16°38	18°52	18°18	12°38	7°27	T 19
W20	19 51 49	27°31'30	13♊ 3	8°53	16°20	5°57	19°27	16°16	13°51	10°59	16°39	18°53	18°15	12°45	7°25	W20
T 21	19 55 46	28°28'46	25°53	9°24	17°33	5°44	19°33	16°14	13°54	11° 0	16°39	18°53	18°12	12°52	7°23	T 21
F 22	19 59 42	29°26'03	8♋29	10° 0	18°47	5°32	19°39	16°11	13°56	11° 1	16°40	18°54	18° 8	12°58	7°21	F 22
S 23	20 3 39	0♌23'21	20°54	10°41	20° 0	5°20	19°45	16° 9	13°59	11° 2	16°40	18°R54	18° 5	13° 5	7°19	S 23
S 24	20 7 36	1°20'39	3♌ 8	11°28	21°13	5°10	19°52	16° 6	14° 2	11° 3	16°41	18°54	18° 2	13°12	7°17	S 24
M25	20 11 32	2°17'58	15°13	12°21	22°27	5° 0	19°58	16° 4	14° 4	11° 4	16°41	18°53	17°59	13°18	7°14	M25
T 26	20 15 29	3°15'17	27°11	13°19	23°40	4°51	20° 5	16° 1	14° 7	11° 5	16°42	18°51	17°56	13°25	7°12	T 26
W27	20 19 25	4°12'37	9♍ 4	14°22	24°53	4°42	20°12	15°58	14°10	11° 6	16°42	18°49	17°53	13°32	7°10	W27
T 28	20 23 22	5° 9'57	20°54	15°30	26° 7	4°35	20°19	15°56	14°12	11° 7	16°42	18°46	17°49	13°38	7° 7	T 28
F 29	20 27 18	6° 7'18	2♎45	16°43	27°20	4°28	20°26	15°53	14°15	11° 9	16°43	18°44	17°46	13°45	7° 5	F 29
S 30	20 31 15	7° 4'39	14°40	18° 1	28°33	4°22	20°33	15°50	14°17	11°10	16°43	18°42	17°43	13°52	7° 2	S 30
S 31	20 35 11	8♌ 2'01	26♎43	19♋24	29♌47	4♏17	20♎41	15♓47	14♊19	11♎11	16♉43	18♋41	17♋40	13♍58	7♓ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 5	6n37	4n49	18n41	4s 4	22n38	1n12	27s43	4s47	5s52	1n18	7s 0	1s53	22n18	0s 2	2s52	1n31	1n46	15s35	22n 6	22n 3	11n18	3s 5	5n55
S 2	23 1	2 12	5 9	18 33	4 15	22 27	1 14	27 47	4 50	5 53	1 18	7 0	1 54	22 18	0 2	2 52	1 31	1 46	15 35	22 5	22 3	11 16	3 5	5 56
S 3	22 57	2s21	5 17	18 27	4 25	22 15	1 15	27 52	4 53	5 55	1 17	7 1	1 54	22 18	0 2	2 53	1 31	1 46	15 36	22 5	22 3	11 14	3 6	5 56
M 4	22 51	6 53	5 10	18 22	4 33	22 3	1 16	27 56	4 56	5 56	1 17	7 1	1 54	22 19	0 2	2 53	1 31	1 46	15 36	22 6	22 4	11 12	3 6	5 56
T 5	22 46	11 15	4 49	18 19	4 39	21 49	1 18	28 0	4 59	5 58	1 17	7 2	1 54	22 19	0 2	2 53	1 31	1 46	15 36	22 6	22 4	11 10	3 6	5 56
W 6	22 40	15 13	4 12	18 16	4 45	21 36	1 19	28 4	5 1	5 59	1 17	7 2	1 54	22 20	0 2	2 53	1 31	1 46	15 36	22 6	22 5	11 8	3 6	5 57
T 7	22 34	18 34	3 21	18 15	4 48	21 21	1 20	28 8	5 4	6 1	1 16	7 3	1 55	22 20	0 2	2 53	1 31	1 46	15 37	22 6	22 5	11 6	3 7	5 57
F 8	22 27	20 58	2 17	18 16	4 50	21 6	1 22	28 12	5 6	6 3	1 16	7 3	1 55	22 20	0 2	2 54	1 31	1 46	15 37	22 6	22 6	11 4	3 7	5 57
S 9	22 20	22 10	1 3	18 17	4 50	20 51	1 23	28 15	5 8	6 5	1 16	7 4	1 55	22 21	0 2	2 54	1 31	1 46	15 37	22 6	22 6	11 2	3 7	5 57
S 10	22 13	21 56	0s16	18 20	4 49	20 35	1 24	28 19	5 10	6 7	1 16	7 5	1 55	22 21	0 2	2 54	1 31	1 46	15 37	22 6	22 7	10 59	3 8	5 58
M11	22 5	20 13	1 36	18 24	4 46	20 18	1 25	28 22	5 12	6 9	1 15	7 5	1 56	22 21	0 2	2 54	1 31	1 46	15 38	22 6	22 7	10 57	3 8	5 58
T 12	21 57	17 8	2 50	18 29	4 42	20 1	1 26	28 25	5 14	6 11	1 15	7 6	1 56	22 22	0 2	2 55	1 31	1 46	15 38	22 6	22 7	10 55	3 8	5 58
W13	21 48	12 58	3 52	18 35	4 36	19 43	1 27	28 27	5 16	6 13	1 15	7 7	1 56	22 22	0 2	2 55	1 31	1 46	15 38	22 6	22 8	10 53	3 9	5 58
T 14	21 40	8 3	4 39	18 43	4 30	19 24	1 28	28 30	5 17	6 15	1 15	7 8	1 56	22 23	0 2	2 55	1 31	1 46	15 38	22 6	22 8	10 51	3 9	5 59
F 15	21 30	2 46	5 8	18 51	4 22	19 5	1 28	28 32	5 19	6 17	1 14	7 9	1 57	22 23	0 2	2 56	1 31	1 45	15 39	22 6	22 9	10 49	3 10	5 59
S 16	21 21	2n35	5 17	19 0	4 13	18 46	1 29	28 34	5 20	6 19	1 14	7 10	1 57	22 23	0 2	2 56	1 31	1 45	15 39	22 6	22 9	10 47	3 10	5 59
S 17	21 11	7 41	5 8	19 9	4 2	18 26	1 30	28 36	5 21	6 21	1 14	7 10	1 57	22 24	0 2	2 56	1 31	1 45	15 39	22 6	22 10	10 45	3 11	5 59
M18	21 0	12 19	4 41	19 19	3 52	18 5	1 30	28 38	5 22	6 24	1 14	7 11	1 57	22 24	0 2	2 57	1 31	1 45	15 39	22 6	22 10	10 43	3 11	5 59
T 19	20 50	16 14	3 59	19 30	3 40	17 44	1 31	28 39	5 23	6 26	1 13	7 12	1 58	22 24	0 2	2 57	1 30	1 45	15 40	22 6	22 10	10 41	3 12	6 0
W20	20 39	19 17	3 6	19 41	3 27	17 23	1 31	28 40	5 23	6 29	1 13	7 14	1 58	22 25	0 2	2 57	1 30	1 45	15 40	22 6	22 11	10 39	3 12	6 0
T 21	20 27	21 18	2 4	19 52	3 14	17 1	1 32	28 41	5 24	6 31	1 13	7 15	1 58	22 25	0 2	2 58	1 30	1 45	15 40	22 6	22 11	10 36	3 13	6 0
F 22	20 15	22 12	0 57	20 3	3 1	16 39	1 32	28 42	5 24	6 34	1 13	7 16	1 58	22 25	0 2	2 58	1 30	1 45	15 41	22 6	22 12	10 34	3 14	6 0
S 23	20 3	21 59	0n11	20 13	2 47	16 16	1 32	28 43	5 24	6 36	1 13	7 17	1 58	22 26	0 2	2 59	1 30	1 45	15 41	22 5	22 12	10 32	3 14	6 0
S 24	19 51	20 43	1 18	20 24	2 33	15 52	1 32	28 44	5 25	6 39	1 12	7 18	1 59	22 26	0 2	2 59	1 30	1 44	15 41	22 6	22 13	10 30	3 15	6 0
M25	19 38	18 30	2 20	20 34	2 18	15 29	1 32	28 44	5 24	6 41	1 12	7 19	1 59	22 26	0 2	3 0	1 30	1 44	15 41	22 6	22 13	10 28	3 16	6 1
T 26	19 25	15 31	3 16	20 43	2 3	15 5	1 32	28 44	5 24	6 44	1 12	7 20	1 59	22 27	0 2	3 0	1 30	1 44	15 42	22 6	22 13	10 26	3 16	6 1
W27	19 12	11 55	4 3	20 51	1 49	14 40	1 32	28 44	5 24	6 47	1 12	7 22	1 59	22 27	0 2	3 0	1 30	1 44	15 42	22 6	22 14	10 24	3 17	6 1
T 28	18 58	7 53	4 39	20 58	1 34	14 15	1 32	28 44	5 24	6 50	1 11	7 23	1 59	22 27	0 2	3 1	1 30	1 44	15 42	22 7	22 14	10 22	3 18	6 1
F 29	18 44	3 33	5 3	21 4	1 19	13 50	1 32	28 44	5 23	6 53	1 11	7 24	2 0	22 28	0 2	3 1	1 30	1 44	15 43	22 7	22 15	10 19	3 18	6 1
S 30	18 29	0s57	5 14	21 9	1 5	13 24	1 32	28 44	5 23	6 56	1 11	7 26	2 0	22 28	0 2	3 2	1 30	1 43	15 43	22 7	22 15	10 17	3 19	6 1
S 31	18n15	5s26	5n12	21n11	0s50	12n58	1n32	28s43	5s22	6s59	1n11	7s27	2s 0	22n28	0s 2	3s 2	1n30	1n43	15s43	22n 7	22n16	10n15	3s20	6n 1

Julian Day Number = 2492633.5, Delta T = 99.28 sec
Ecliptic obliquity = 23°25'25, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°18'44, Lahiri = 25°25'44

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ASTRODIENST EPHEMERIS for the year 2112
geocentric

AUGUST 2112 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 39 8	8♌59'23	8♏59	20♋52	1♍ 0	4°R12	20♎48	15°R43	14♊22	11♎12	16♉44	18°D40	17♋37	14♍ 5	6°R58	M 1
T 2	20 43 5	9°56'46	21°31	22°24	2°13	4♑ 9	20°56	15♓40	14°24	11°13	16°44	18♋41	17°33	14°12	6♓55	T 2
W 3	20 47 1	10°54'09	4♐24	24° 0	3°26	4° 6	21° 3	15°37	14°26	11°15	16°44	18°42	17°30	14°19	6°52	W 3
T 4	20 50 58	11°51'33	17°41	25°41	4°40	4° 4	21°11	15°34	14°29	11°16	16°45	18°43	17°27	14°25	6°50	T 4
F 5	20 54 54	12°48'58	1♑24	27°25	5°53	4° 3	21°19	15°30	14°31	11°17	16°45	18°45	17°24	14°32	6°47	F 5
S 6	20 58 51	13°46'23	15°34	29°13	7° 6	4°D 3	21°27	15°27	14°33	11°19	16°45	18°R45	17°21	14°39	6°45	S 6
S 7	21 2 47	14°43'49	0♒ 8	1♌ 3	8°19	4° 4	21°36	15°23	14°35	11°20	16°45	18°45	17°18	14°45	6°42	S 7
M 8	21 6 44	15°41'16	15° 1	2°57	9°32	4° 5	21°44	15°20	14°37	11°21	16°46	18°43	17°14	14°52	6°39	M 8
T 9	21 10 40	16°38'44	0♓ 5	4°53	10°45	4° 8	21°52	15°16	14°39	11°23	16°46	18°41	17°11	14°59	6°36	T 9
W10	21 14 37	17°36'13	15°12	6°51	11°59	4°11	22° 1	15°12	14°41	11°24	16°46	18°37	17° 8	15° 6	6°34	W10
T 11	21 18 34	18°33'43	0♈12	8°50	13°12	4°15	22°10	15° 8	14°43	11°26	16°46	18°33	17° 5	15°12	6°31	T 11
F 12	21 22 30	19°31'15	14°56	10°51	14°25	4°20	22°18	15° 5	14°45	11°27	16°46	18°29	17° 2	15°19	6°28	F 12
S 13	21 26 27	20°28'48	29°20	12°53	15°38	4°25	22°27	15° 1	14°47	11°29	16°46	18°26	16°58	15°26	6°25	S 13
S 14	21 30 23	21°26'22	13♉19	14°56	16°51	4°32	22°36	14°57	14°49	11°30	16°46	18°25	16°55	15°32	6°22	S 14
M15	21 34 20	22°23'58	26°54	16°59	18° 4	4°39	22°45	14°53	14°51	11°32	16°46	18°D25	16°52	15°39	6°20	M15
T 16	21 38 16	23°21'35	10♊ 6	19° 2	19°17	4°47	22°55	14°49	14°53	11°34	16°R46	18°26	16°49	15°46	6°17	T 16
W17	21 42 13	24°19'14	22°57	21° 4	20°30	4°56	23° 4	14°44	14°54	11°35	16°46	18°27	16°46	15°52	6°14	W17
T 18	21 46 9	25°16'55	5♋32	23° 7	21°43	5° 5	23°13	14°40	14°56	11°37	16°46	18°28	16°43	15°59	6°11	T 18
F 19	21 50 6	26°14'37	17°52	25° 8	22°56	5°16	23°23	14°36	14°58	11°39	16°46	18°R29	16°39	16° 6	6° 8	F 19
S 20	21 54 3	27°12'20	0♌ 2	27° 9	24° 9	5°27	23°32	14°32	14°59	11°40	16°46	18°28	16°36	16°13	6° 5	S 20
S 21	21 57 59	28°10'05	12° 5	29° 9	25°22	5°39	23°42	14°28	15° 1	11°42	16°46	18°26	16°33	16°19	6° 2	S 21
M22	22 1 56	29° 7'51	24° 1	1♍ 8	26°35	5°51	23°52	14°23	15° 2	11°44	16°46	18°21	16°30	16°26	5°59	M22
T 23	22 5 52	0♍ 5'38	5♍54	3° 6	27°47	6° 4	24° 2	14°19	15° 4	11°46	16°46	18°15	16°27	16°33	5°56	T 23
W24	22 9 49	1° 3'27	17°45	5° 3	29° 0	6°18	24°12	14°15	15° 5	11°47	16°46	18° 8	16°24	16°39	5°53	W24
T 25	22 13 45	2° 1'17	29°36	6°58	0♎13	6°33	24°22	14°10	15° 7	11°49	16°45	17°59	16°20	16°46	5°50	T 25
F 26	22 17 42	2°59'09	11♎28	8°52	1°26	6°48	24°32	14° 6	15° 8	11°51	16°45	17°51	16°17	16°53	5°47	F 26
S 27	22 21 38	3°57'02	23°25	10°45	2°39	7° 4	24°42	14° 1	15° 9	11°53	16°45	17°44	16°14	16°59	5°44	S 27
S 28	22 25 35	4°54'56	5♏29	12°37	3°52	7°21	24°53	13°57	15°10	11°55	16°45	17°38	16°11	17° 6	5°42	S 28
M29	22 29 32	5°52'51	17°43	14°27	5° 4	7°38	25° 3	13°52	15°12	11°56	16°45	17°34	16° 8	17°13	5°39	M29
T 30	22 33 28	6°50'48	0♐12	16°16	6°17	7°56	25°14	13°48	15°13	11°58	16°44	17°33	16° 4	17°20	5°36	T 30
W31	22 37 25	7♍48'46	12♐59	18♍ 4	7♎30	8♑15	25♎24	13♓43	15♊14	12♎ 0	16♉44	17°D32	16♋ 1	17♍26	5♓33	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n 0	9s48	4n56	21n13	0s36	12n32	1n31	28s42	5s21	7s 2	1n10	7s28	2s 0	22n28	0s 2	3s 3	1n30	1n43	15s43	22n 7	22n16	10n13	3s21	6n 2
T 2	17 45	13 52	4 25	21 12	0 23	12 5	1 31	28 42	5 20	7 5	1 10	7 30	2 0	22 29	0 2	3 3	1 30	1 43	15 44	22 7	22 16	10 11	3 22	6 2
W 3	17 29	17 24	3 40	21 8	0 9	11 38	1 30	28 41	5 19	7 8	1 10	7 31	2 1	22 29	0 2	3 4	1 30	1 43	15 44	22 7	22 17	10 9	3 22	6 2
T 4	17 13	20 9	2 43	21 3	0n 4	11 11	1 30	28 40	5 18	7 11	1 10	7 33	2 1	22 29	0 2	3 5	1 30	1 42	15 44	22 7	22 17	10 7	3 23	6 2
F 5	16 57	21 51	1 34	20 55	0 16	10 44	1 29	28 39	5 17	7 14	1 10	7 34	2 1	22 30	0 2	3 5	1 30	1 42	15 45	22 7	22 18	10 4	3 24	6 2
S 6	16 41	22 14	0 18	20 45	0 27	10 16	1 28	28 38	5 16	7 17	1 9	7 36	2 1	22 30	0 2	3 6	1 30	1 42	15 45	22 7	22 18	10 2	3 25	6 2
S 7	16 24	21 7	1s 2	20 32	0 38	9 48	1 27	28 36	5 15	7 21	1 9	7 37	2 1	22 30	0 2	3 6	1 30	1 42	15 45	22 7	22 18	10 0	3 26	6 2
M 8	16 7	18 32	2 19	20 16	0 48	9 19	1 26	28 35	5 13	7 24	1 9	7 39	2 2	22 30	0 2	3 7	1 30	1 41	15 46	22 7	22 19	9 58	3 27	6 2
T 9	15 50	14 40	3 27	19 58	0 58	8 51	1 25	28 33	5 12	7 27	1 9	7 40	2 2	22 31	0 2	3 7	1 30	1 41	15 46	22 7	22 19	9 56	3 28	6 2
W10	15 33	9 50	4 21	19 37	1 6	8 22	1 24	28 32	5 10	7 31	1 9	7 42	2 2	22 31	0 2	3 8	1 30	1 41	15 46	22 8	22 20	9 54	3 29	6 2
T 11	15 15	4 28	4 57	19 14	1 14	7 53	1 23	28 30	5 9	7 34	1 8	7 44	2 2	22 31	0 2	3 9	1 30	1 41	15 46	22 8	22 20	9 51	3 30	6 3
F 12	14 57	1n 5	5 12	18 48	1 21	7 24	1 22	28 28	5 7	7 37	1 8	7 45	2 2	22 31	0 2	3 9	1 30	1 40	15 47	22 9	22 20	9 49	3 31	6 3
S 13	14 39	6 26	5 7	18 19	1 27	6 54	1 21	28 26	5 6	7 41	1 8	7 47	2 2	22 31	0 2	3 10	1 30	1 40	15 47	22 9	22 21	9 47	3 32	6 3
S 14	14 21	11 19	4 44	17 49	1 32	6 25	1 20	28 25	5 4	7 44	1 8	7 49	2 3	22 32	0 2	3 11	1 30	1 40	15 47	22 10	22 21	9 45	3 33	6 3
M15	14 2	15 29	4 5	17 16	1 36	5 55	1 18	28 22	5 2	7 48	1 8	7 50	2 3	22 32	0 2	3 11	1 29	1 40	15 48	22 10	22 22	9 43	3 34	6 3
T 16	13 43	18 45	3 14	16 41	1 40	5 25	1 17	28 20	5 0	7 51	1 7	7 52	2 3	22 32	0 2	3 12	1 29	1 39	15 48	22 9	22 22	9 40	3 35	6 3
W17	13 24	21 0	2 15	16 5	1 42	4 55	1 15	28 18	4 58	7 55	1 7	7 54	2 3	22 32	0 2	3 12	1 29	1 39	15 48	22 9	22 22	9 38	3 36	6 3
T 18	13 5	22 8	1 10	15 27	1 44	4 25	1 14	28 16	4 57	7 59	1 7	7 55	2 3	22 33	0 2	3 13	1 29	1 39	15 49	22 9	22 23	9 36	3 37	6 3
F 19	12 46	22 11	0 3	14 47	1 45	3 54	1 12	28 14	4 55	8 2	1 7	7 57	2 3	22 33	0 2	3 14	1 29	1 38	15 49	22 9	22 23	9 34	3 38	6 3
S 20	12 26	21 9	1n 2	14 6	1 46	3 24	1 10	28 11	4 53	8 6	1 7	7 59	2 3	22 33	0 2	3 15	1 29	1 38	15 49	22 9	22 24	9 32	3 39	6 3
S 21	12 6	19 9	2 5	13 24	1 45	2 53	1 8	28 9	4 51	8 10	1 7	8 1	2 4	22 33	0 2	3 15	1 29	1 38	15 50	22 9	22 24	9 29	3 40	6 3
M22	11 46	16 21	3 1	12 41	1 44	2 23	1 7	28 6	4 49	8 14	1 6	8 3	2 4	22 33	0 2	3 16	1 29	1 37	15 50	22 10	22 24	9 27	3 41	6 3
T 23	11 26	12 53	3 48	11 58	1 43	1 52	1 5	28 3	4 47	8 17	1 6	8 4	2 4	22 33	0 2	3 17	1 29	1 37	15 50	22 11	22 25	9 25	3 42	6 3
W24	11 6	8 55	4 26	11 13	1 41	1 21	1 3	28 1	4 44	8 21	1 6	8 6	2 4	22 34	0 2	3 17	1 29	1 37	15 50	22 12	22 25	9 23	3 43	6 3
T 25	10 45	4 38	4 52	10 28	1 38	0 50	1 1	27 58	4 42	8 25	1 6	8 8	2 4	22 34	0 2	3 18	1 29	1 36	15 51	22 13	22 26	9 21	3 44	6 3
F 26	10 24	0 10	5 6	9 42	1 35	0 19	0 58	27 55	4 40	8 29	1 6	8 10	2 4	22 34	0 2	3 19	1 29	1 36	15 51	22 14	22 26	9 18	3 45	6 3
S 27	10 3	4s21	5 6	8 56	1 31	0s11	0 56	27 52	4 38	8 33	1 6	8 12	2 4	22 34	0 2	3 20	1 29	1 36	15 51	22 15	22 26	9 16	3 46	6 3
S 28	9 42	8 44	4 53	8 10	1 27	0 42	0 54	27 49	4 36	8 37	1 5	8 13	2 4	22 34	0 2	3 20	1 29	1 35	15 52	22 16	22 27	9 14	3 47	6 3
M29	9 21	12 50	4 27	7 24	1 23	1 13	0 52	27 46	4 34	8 41	1 5	8 15	2 4	22 34	0 2	3 21	1 29	1 35	15 52	22 16	22 27	9 12	3 49	6 3
T 30	9 0	16 29	3 47	6 37	1 18	1 44	0 49	27 42	4 32	8 45	1 5	8 17	2 4	22 34	0 2	3 22	1 29	1 35	15 52	22 16	22 27	9 10	3 50	6 2
W31	8n38	19s27	2n55	5n50	1n13	2s15	0n47	27s39	4s29	8s49	1n 5	8s19	2s 5	22n35	0s 2	3s23	1n29	1n34	15s52	22n16	22n28	9n 7	3s51	6n 2

Julian Day Number = 2492664.5, Delta T = 99.33 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°18'48, Lahiri = 25°25'48

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ASTRODIENST EPHEMERIS for the year 2112
geocentric

SEPTEMBER 2112 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 21	8♍46'46	26♐ 9	19♍50	8♎42	8♑34	25♎35	13°R39	15♊15	12♎ 2	16°R44	17♋33	15♋58	17♍33	5°R30	T 1
F 2	22 45 18	9°44'46	9♑45	21°35	9°55	8°54	25°46	13♓34	15°16	12° 4	16♉43	17°34	15°55	17°40	5♓27	F 2
S 3	22 49 14	10°42'49	23°49	23°19	11° 8	9°14	25°56	13°29	15°17	12° 6	16°43	17°R34	15°52	17°46	5°24	S 3
S 4	22 53 11	11°40'52	8♒21	25° 1	12°20	9°35	26° 7	13°25	15°18	12° 8	16°43	17°33	15°49	17°53	5°21	S 4
M 5	22 57 7	12°38'57	23°16	26°42	13°33	9°57	26°18	13°20	15°18	12°10	16°42	17°29	15°45	18° 0	5°18	M 5
T 6	23 1 4	13°37'03	8♓28	28°23	14°45	10°19	26°29	13°16	15°19	12°12	16°42	17°23	15°42	18° 7	5°15	T 6
W 7	23 5 1	14°35'12	23°47	0♎ 1	15°58	10°41	26°41	13°11	15°20	12°14	16°41	17°15	15°39	18°13	5°12	W 7
T 8	23 8 57	15°33'21	9♈ 2	1°39	17°10	11° 5	26°52	13° 7	15°21	12°16	16°41	17° 6	15°36	18°20	5° 9	T 8
F 9	23 12 54	16°31'33	24° 2	3°15	18°23	11°28	27° 3	13° 2	15°21	12°18	16°40	16°58	15°33	18°27	5° 6	F 9
S 10	23 16 50	17°29'47	8♉39	4°51	19°35	11°52	27°14	12°57	15°22	12°20	16°40	16°51	15°30	18°33	5° 3	S 10
S 11	23 20 47	18°28'02	22°48	6°25	20°48	12°17	27°26	12°53	15°22	12°22	16°39	16°46	15°26	18°40	5° 0	S 11
M12	23 24 43	19°26'20	6♊28	7°58	22° 0	12°42	27°37	12°48	15°23	12°24	16°39	16°43	15°23	18°47	4°58	M12
T 13	23 28 40	20°24'40	19°41	9°30	23°12	13° 7	27°49	12°44	15°23	12°26	16°38	16°D42	15°20	18°53	4°55	T 13
W14	23 32 36	21°23'02	2♋28	11° 0	24°25	13°33	28° 0	12°39	15°24	12°29	16°38	16°43	15°17	19° 0	4°52	W14
T 15	23 36 33	22°21'27	14°56	12°30	25°37	14° 0	28°12	12°35	15°24	12°31	16°37	16°R43	15°14	19° 7	4°49	T 15
F 16	23 40 30	23°19'53	27° 9	13°58	26°49	14°26	28°24	12°30	15°24	12°33	16°37	16°43	15°10	19°14	4°46	F 16
S 17	23 44 26	24°18'21	9♌11	15°25	28° 2	14°54	28°36	12°26	15°24	12°35	16°36	16°40	15° 7	19°20	4°44	S 17
S 18	23 48 23	25°16'52	21° 6	16°52	29°14	15°21	28°47	12°21	15°24	12°37	16°35	16°35	15° 4	19°27	4°41	S 18
M19	23 52 19	26°15'24	2♍57	18°16	0♏26	15°50	28°59	12°17	15°25	12°39	16°35	16°27	15° 1	19°34	4°38	M19
T 20	23 56 16	27°13'59	14°47	19°40	1°38	16°18	29°11	12°13	15°25	12°41	16°34	16°17	14°58	19°40	4°36	T 20
W21	0 0 12	28°12'35	26°39	21° 3	2°50	16°47	29°23	12° 8	15°R25	12°44	16°33	16° 5	14°55	19°47	4°33	W21
T 22	0 4 9	29°11'13	8♎32	22°24	4° 2	17°16	29°35	12° 4	15°25	12°46	16°33	15°51	14°51	19°54	4°30	T 22
F 23	0 8 5	0♎ 9'53	20°30	23°44	5°14	17°46	29°47	12° 0	15°24	12°48	16°32	15°38	14°48	20° 1	4°28	F 23
S 24	0 12 2	1° 8'35	2♏33	25° 2	6°26	18°16	29°59	11°56	15°24	12°50	16°31	15°26	14°45	20° 7	4°25	S 24
S 25	0 15 58	2° 7'19	14°42	26°19	7°38	18°46	0♏12	11°51	15°24	12°52	16°31	15°15	14°42	20°14	4°23	S 25
M26	0 19 55	3° 6'05	27° 1	27°35	8°50	19°17	0°24	11°47	15°24	12°54	16°30	15° 8	14°39	20°21	4°20	M26
T 27	0 23 52	4° 4'52	9♐32	28°49	10° 2	19°48	0°36	11°43	15°24	12°57	16°29	15° 3	14°35	20°27	4°18	T 27
W28	0 27 48	5° 3'42	22°18	0♏ 1	11°14	20°20	0°49	11°39	15°23	12°59	16°28	15° 1	14°32	20°34	4°15	W28
T 29	0 31 45	6° 2'33	5♑23	1°12	12°26	20°51	1° 1	11°35	15°23	13° 1	16°27	15°D 1	14°29	20°41	4°13	T 29
F 30	0 35 41	7♎ 1'26	18♑51	2♏21	13♏38	21♑23	1♏14	11♓31	15♊22	13♎ 3	16♉27	15°R 1	14♋26	20♍48	4♓11	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n16	21s30	1n53	5n 3	1n 7	2s46	0n45	27s35	4s27	8s53	1n 5	8s21	2s 5	22n35	0s 2	3s23	1n29	1n34	15s53	22n16	22n28	9n 5	3s52	6n 2
F 2	7 55	22 22	0 42	4 17	1 2	3 17	0 42	27 32	4 25	8 57	1 5	8 23	2 5	22 35	0 2	3 24	1 29	1 34	15 53	22 16	22 29	9 3	3 53	6 2
S 3	7 33	21 53	0s34	3 30	0 55	3 48	0 39	27 28	4 23	9 1	1 4	8 24	2 5	22 35	0 2	3 25	1 29	1 33	15 53	22 16	22 29	9 1	3 54	6 2
S 4	7 11	19 55	1 49	2 44	0 49	4 18	0 37	27 24	4 20	9 5	1 4	8 26	2 5	22 35	0 2	3 26	1 29	1 33	15 54	22 16	22 29	8 58	3 55	6 2
M 5	6 49	16 34	2 59	1 58	0 43	4 49	0 34	27 20	4 18	9 9	1 4	8 28	2 5	22 35	0 2	3 26	1 29	1 33	15 54	22 17	22 30	8 56	3 57	6 2
T 6	6 26	12 4	3 58	1 12	0 36	5 20	0 31	27 16	4 16	9 13	1 4	8 30	2 5	22 35	0 2	3 27	1 29	1 32	15 54	22 18	22 30	8 54	3 58	6 2
W 7	6 4	6 45	4 40	0 26	0 29	5 50	0 29	27 12	4 14	9 17	1 4	8 32	2 5	22 35	0 2	3 28	1 29	1 32	15 54	22 19	22 30	8 52	3 59	6 2
T 8	5 41	1 3	5 2	0s19	0 22	6 21	0 26	27 8	4 11	9 21	1 4	8 33	2 5	22 35	0 2	3 29	1 29	1 31	15 55	22 20	22 31	8 49	4 0	6 2
F 9	5 19	4n38	5 2	1 4	0 14	6 51	0 23	27 4	4 9	9 26	1 4	8 35	2 5	22 35	0 2	3 30	1 29	1 31	15 55	22 21	22 31	8 47	4 1	6 1
S 10	4 56	9 54	4 43	1 49	0 7	7 21	0 20	26 59	4 7	9 30	1 3	8 37	2 5	22 36	0 2	3 30	1 29	1 31	15 55	22 22	22 32	8 45	4 2	6 1
S 11	4 34	14 29	4 7	2 33	0s 0	7 51	0 17	26 55	4 4	9 34	1 3	8 39	2 5	22 36	0 2	3 31	1 29	1 30	15 55	22 22	22 32	8 42	4 4	6 1
M12	4 11	18 8	3 17	3 17	0 8	8 21	0 14	26 50	4 2	9 38	1 3	8 41	2 5	22 36	0 2	3 32	1 29	1 30	15 56	22 23	22 32	8 40	4 5	6 1
T 13	3 48	20 43	2 19	4 0	0 16	8 50	0 11	26 45	4 0	9 42	1 3	8 42	2 5	22 36	0 2	3 33	1 29	1 30	15 56	22 23	22 33	8 38	4 6	6 1
W14	3 25	22 9	1 15	4 43	0 23	9 20	0 8	26 40	3 58	9 47	1 3	8 44	2 5	22 36	0 2	3 34	1 29	1 29	15 56	22 23	22 33	8 36	4 7	6 1
T 15	3 2	22 26	0 9	5 25	0 31	9 49	0 5	26 35	3 55	9 51	1 3	8 46	2 5	22 36	0 2	3 35	1 29	1 29	15 56	22 23	22 33	8 33	4 8	6 1
F 16	2 39	21 37	0n55	6 7	0 39	10 18	0 2	26 30	3 53	9 55	1 3	8 48	2 5	22 36	0 2	3 35	1 29	1 28	15 57	22 23	22 34	8 31	4 9	6 0
S 17	2 16	19 49	1 57	6 48	0 47	10 47	0s 1	26 25	3 51	10 0	1 3	8 49	2 5	22 36	0 2	3 36	1 29	1 28	15 57	22 23	22 34	8 29	4 11	6 0
S 18	1 52	17 10	2 52	7 28	0 55	11 16	0 4	26 19	3 48	10 4	1 2	8 51	2 5	22 36	0 2	3 37	1 29	1 28	15 57	22 24	22 34	8 27	4 12	6 0
M19	1 29	13 49	3 39	8 8	1 3	11 44	0 8	26 14	3 46	10 8	1 2	8 53	2 5	22 36	0 2	3 38	1 29	1 27	15 57	22 25	22 35	8 24	4 13	6 0
T 20	1 6	9 56	4 17	8 47	1 11	12 12	0 11	26 8	3 44	10 13	1 2	8 54	2 5	22 36	0 2	3 39	1 29	1 27	15 58	22 26	22 35	8 22	4 14	6 0
W21	0 43	5 40	4 44	9 25	1 19	12 40	0 14	26 2	3 41	10 17	1 2	8 56	2 5	22 36	0 2	3 40	1 29	1 26	15 58	22 27	22 35	8 20	4 15	5 59
T 22	0 19	1 11	4 58	10 3	1 26	13 8	0 17	25 56	3 39	10 21	1 2	8 58	2 5	22 36	0 2	3 41	1 29	1 26	15 58	22 29	22 36	8 17	4 16	5 59
F 23	0s 4	3s22	4 59	10 40	1 34	13 35	0 21	25 50	3 37	10 26	1 2	8 59	2 5	22 36	0 2	3 41	1 29	1 26	15 58	22 31	22 36	8 15	4 17	5 59
S 24	0 27	7 51	4 48	11 16	1 42	14 2	0 24	25 43	3 35	10 30	1 2	9 1	2 5	22 36	0 2	3 42	1 29	1 25	15 59	22 32	22 37	8 13	4 19	5 59
S 25	0 51	12 3	4 22	11 51	1 50	14 29	0 27	25 37	3 32	10 34	1 2	9 2	2 5	22 36	0 2	3 43	1 29	1 25	15 59	22 33	22 37	8 10	4 20	5 58
M26	1 14	15 50	3 45	12 26	1 57	14 55	0 31	25 30	3 30	10 39	1 2	9 4	2 5	22 36	0 2	3 44	1 29	1 24	15 59	22 34	22 37	8 8	4 21	5 58
T 27	1 37	18 58	2 56	12 59	2 4	15 21	0 34	25 23	3 28	10 43	1 1	9 6	2 5	22 36	0 2	3 45	1 29	1 24	15 59	22 34	22 38	8 6	4 22	5 58
W28	2 1	21 15	1 57	13 32	2 12	15 47	0 37	25 16	3 26	10 47	1 1	9 7	2 5	22 36	0 2	3 46	1 29	1 24	15 59	22 35	22 38	8 3	4 23	5 58
T 29	2 24	22 28	0 51	14 3	2 19	16 12	0 41	25 9	3 23	10 52	1 1	9 9	2 5	22 36	0 2	3 47	1 29	1 23	16 0	22 35	22 38	8 1	4 24	5 57
F 30	2s47	22s26	0s20	14s33	2s26	16s37	0s44	25s 2	3s21	10s56	1n 1	9s10	2s 5	22n36	0s 2	3s47	1n29	1n23	16s 0	22n35	22n39	7n59	4s25	5n57

Julian Day Number = 2492695.5, Delta T = 99.37 sec
Ecliptic obliquity = 23°25'27, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°18'52, Lahiri = 25°25'53

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ASTRODIENST EPHEMERIS for the year 2112
geocentric

OCTOBER 2112 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 38	8♎ 0'20	2♒43	3♏28	14♏49	21♑56	1♏26	11°R27	15°R22	13♎ 6	16°R26	15°R 0	14♋23	20♍54	4°R 8	S 1
S 2	0 43 34	8°59'16	17° 2	4°32	16° 1	22°29	1°38	11♓24	15♊21	13° 8	16♉25	14♋57	14°20	21° 1	4♓ 6	S 2
M 3	0 47 31	9°58'14	1♓45	5°35	17°13	23° 2	1°51	11°20	15°21	13°10	16°24	14°52	14°16	21° 8	4° 4	M 3
T 4	0 51 27	10°57'13	16°48	6°35	18°24	23°35	2° 4	11°16	15°20	13°12	16°23	14°44	14°13	21°14	4° 2	T 4
W 5	0 55 24	11°56'15	2♈ 3	7°33	19°36	24° 8	2°16	11°13	15°19	13°14	16°22	14°34	14°10	21°21	3°59	W 5
T 6	0 59 21	12°55'18	17°18	8°27	20°47	24°42	2°29	11° 9	15°19	13°17	16°21	14°23	14° 7	21°28	3°57	T 6
F 7	1 3 17	13°54'24	2♉22	9°19	21°59	25°16	2°42	11° 6	15°18	13°19	16°20	14°12	14° 4	21°34	3°55	F 7
S 8	1 7 14	14°53'31	17° 6	10° 7	23°10	25°51	2°54	11° 2	15°17	13°21	16°19	14° 2	14° 1	21°41	3°53	S 8
S 9	1 11 10	15°52'41	1♊23	10°51	24°22	26°25	3° 7	10°59	15°16	13°23	16°19	13°55	13°57	21°48	3°51	S 9
M10	1 15 7	16°51'54	15°11	11°31	25°33	27° 0	3°20	10°56	15°15	13°26	16°18	13°50	13°54	21°55	3°49	M10
T 11	1 19 3	17°51'08	28°29	12° 7	26°44	27°35	3°33	10°52	15°14	13°28	16°17	13°48	13°51	22° 1	3°47	T 11
W12	1 23 0	18°50'25	11♋20	12°39	27°56	28°10	3°46	10°49	15°13	13°30	16°16	13°48	13°48	22° 8	3°46	W12
T 13	1 26 56	19°49'44	23°49	13° 4	29° 7	28°46	3°58	10°46	15°12	13°32	16°15	13°48	13°45	22°15	3°44	T 13
F 14	1 30 53	20°49'06	6♌ 0	13°25	0♗18	29°21	4°11	10°43	15°11	13°35	16°14	13°47	13°41	22°21	3°42	F 14
S 15	1 34 50	21°48'29	18° 0	13°38	1°29	29°57	4°24	10°40	15°10	13°37	16°13	13°44	13°38	22°28	3°40	S 15
S 16	1 38 46	22°47'55	29°52	13°R46	2°40	0♒34	4°37	10°38	15° 8	13°39	16°12	13°39	13°35	22°35	3°39	S 16
M17	1 42 43	23°47'24	11♍42	13°45	3°51	1°10	4°50	10°35	15° 7	13°41	16°11	13°32	13°32	22°42	3°37	M17
T 18	1 46 39	24°46'54	23°33	13°38	5° 2	1°47	5° 3	10°32	15° 6	13°43	16°10	13°21	13°29	22°48	3°36	T 18
W19	1 50 36	25°46'27	5♎27	13°22	6°13	2°23	5°16	10°30	15° 4	13°46	16° 9	13° 8	13°26	22°55	3°34	W19
T 20	1 54 32	26°46'01	17°26	12°57	7°24	3° 0	5°29	10°27	15° 3	13°48	16° 8	12°54	13°22	23° 2	3°33	T 20
F 21	1 58 29	27°45'38	29°32	12°24	8°34	3°38	5°42	10°25	15° 1	13°50	16° 6	12°40	13°19	23° 8	3°31	F 21
S 22	2 2 25	28°45'17	11♏46	11°42	9°45	4°15	5°55	10°23	15° 0	13°52	16° 5	12°28	13°16	23°15	3°30	S 22
S 23	2 6 22	29°44'57	24° 8	10°52	10°56	4°52	6° 8	10°20	14°58	13°54	16° 4	12°17	13°13	23°22	3°29	S 23
M24	2 10 19	0♏44'40	6♐39	9°54	12° 6	5°30	6°21	10°18	14°57	13°56	16° 3	12° 9	13°10	23°29	3°27	M24
T 25	2 14 15	1°44'25	19°21	8°49	13°17	6° 8	6°34	10°16	14°55	13°59	16° 2	12° 4	13° 7	23°35	3°26	T 25
W26	2 18 12	2°44'11	2♑15	7°38	14°27	6°46	6°48	10°14	14°54	14° 1	16° 1	12° 2	13° 3	23°42	3°25	W26
T 27	2 22 8	3°43'59	15°24	6°24	15°38	7°24	7° 1	10°13	14°52	14° 3	16° 0	12°D 2	13° 0	23°49	3°24	T 27
F 28	2 26 5	4°43'49	28°49	5° 8	16°48	8° 3	7°14	10°11	14°50	14° 5	15°59	12°R 2	12°57	23°55	3°23	F 28
S 29	2 30 1	5°43'40	12♒34	3°52	17°58	8°41	7°27	10° 9	14°48	14° 7	15°58	12° 2	12°54	24° 2	3°22	S 29
S 30	2 33 58	6°43'33	26°40	2°39	19° 8	9°20	7°40	10° 8	14°47	14° 9	15°57	12° 1	12°51	24° 9	3°21	S 30
M31	2 37 54	7♏43'27	11♓ 5	1♏31	20♐18	9♒59	7♏53	10♓ 6	14♊45	14♎11	15♉56	11♋57	12♋47	24♍16	3♓20	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s10	21s 2	1s32	15s 3	2s32	17s 2	0s47	24s55	3s19	11s 1	1n 1	9s11	2s 5	22n36	0s 2	3s48	1n29	1n22	16s 0	22n35	22n39	7n56	4s26	5n57
S 2	3 34	18 16	2 40	15 31	2 39	17 26	0 51	24 47	3 17	11 5	1 1	9 13	2 5	22 36	0 2	3 49	1 29	1 22	16 0	22 35	22 39	7 54	4 27	5 57
M 3	3 57	14 16	3 40	15 58	2 45	17 50	0 54	24 39	3 14	11 9	1 1	9 14	2 5	22 36	0 2	3 50	1 29	1 22	16 0	22 36	22 40	7 52	4 28	5 56
T 4	4 20	9 17	4 26	16 23	2 51	18 13	0 57	24 31	3 12	11 14	1 1	9 16	2 5	22 36	0 2	3 51	1 29	1 21	16 1	22 37	22 40	7 50	4 29	5 56
W 5	4 43	3 40	4 53	16 48	2 56	18 36	1 1	24 23	3 10	11 18	1 1	9 17	2 5	22 35	0 2	3 52	1 29	1 21	16 1	22 38	22 40	7 47	4 30	5 56
T 6	5 6	2n10	5 0	17 10	3 1	18 58	1 4	24 15	3 8	11 23	1 1	9 18	2 5	22 35	0 2	3 53	1 29	1 20	16 1	22 39	22 41	7 45	4 32	5 56
F 7	5 29	7 49	4 45	17 31	3 6	19 20	1 8	24 6	3 5	11 27	1 0	9 19	2 5	22 35	0 2	3 53	1 29	1 20	16 1	22 40	22 41	7 42	4 33	5 55
S 8	5 52	12 54	4 12	17 51	3 10	19 42	1 11	23 58	3 3	11 32	1 0	9 21	2 5	22 35	0 2	3 54	1 29	1 20	16 1	22 41	22 41	7 40	4 34	5 55
S 9	6 15	17 6	3 24	18 9	3 14	20 3	1 14	23 49	3 1	11 36	1 0	9 22	2 5	22 35	0 2	3 55	1 29	1 19	16 1	22 42	22 42	7 38	4 35	5 55
M10	6 37	20 12	2 25	18 24	3 17	20 23	1 17	23 40	2 59	11 40	1 0	9 23	2 4	22 35	0 2	3 56	1 29	1 19	16 1	22 42	22 42	7 35	4 35	5 54
T 11	7 0	22 5	1 20	18 38	3 20	20 43	1 21	23 31	2 57	11 45	1 0	9 24	2 4	22 35	0 1	3 57	1 29	1 18	16 2	22 43	22 42	7 33	4 36	5 54
W12	7 23	22 43	0 13	18 49	3 21	21 3	1 24	23 22	2 55	11 49	1 0	9 25	2 4	22 35	0 1	3 58	1 29	1 18	16 2	22 43	22 43	7 31	4 37	5 54
T 13	7 45	22 12	0n53	18 58	3 22	21 22	1 27	23 12	2 52	11 54	1 0	9 26	2 4	22 35	0 1	3 59	1 29	1 18	16 2	22 43	22 43	7 28	4 38	5 53
F 14	8 7	20 37	1 55	19 4	3 22	21 40	1 30	23 3	2 50	11 58	1 0	9 27	2 4	22 35	0 1	3 59	1 29	1 17	16 2	22 43	22 43	7 26	4 39	5 53
S 15	8 30	18 8	2 50	19 7	3 21	21 58	1 34	22 53	2 48	12 2	1 0	9 28	2 4	22 34	0 1	4 0	1 29	1 17	16 2	22 43	22 44	7 24	4 40	5 53
S 16	8 52	14 54	3 38	19 8	3 19	22 16	1 37	22 43	2 46	12 7	1 0	9 29	2 4	22 34	0 1	4 1	1 29	1 16	16 2	22 43	22 44	7 21	4 41	5 52
M17	9 14	11 7	4 16	19 4	3 16	22 32	1 40	22 33	2 44	12 11	1 0	9 30	2 4	22 34	0 1	4 2	1 29	1 16	16 2	22 44	22 44	7 19	4 42	5 52
T 18	9 36	6 53	4 43	18 57	3 11	22 49	1 43	22 23	2 42	12 16	1 0	9 31	2 4	22 34	0 1	4 3	1 29	1 16	16 2	22 45	22 45	7 17	4 43	5 52
W19	9 57	2 23	4 58	18 47	3 5	23 4	1 46	22 12	2 40	12 20	1 0	9 32	2 4	22 34	0 1	4 4	1 29	1 15	16 3	22 47	22 45	7 14	4 44	5 51
T 20	10 19	2s14	4 59	18 32	2 57	23 19	1 49	22 2	2 38	12 24	1 0	9 33	2 4	22 34	0 1	4 4	1 29	1 15	16 3	22 48	22 45	7 12	4 45	5 51
F 21	10 40	6 49	4 48	18 13	2 48	23 34	1 52	21 51	2 35	12 29	1 0	9 34	2 3	22 34	0 1	4 5	1 29	1 15	16 3	22 49	22 45	7 9	4 45	5 51
S 22	11 1	11 11	4 23	17 49	2 37	23 47	1 55	21 40	2 33	12 33	0 59	9 34	2 3	22 33	0 1	4 6	1 29	1 14	16 3	22 50	22 46	7 7	4 46	5 50
S 23	11 23	15 9	3 45	17 21	2 24	24 1	1 58	21 29	2 31	12 37	0 59	9 35	2 3	22 33	0 1	4 7	1 29	1 14	16 3	22 51	22 46	7 5	4 47	5 50
M24	11 44	18 31	2 56	16 49	2 9	24 13	2 0	21 18	2 29	12 42	0 59	9 36	2 3	22 33	0 1	4 8	1 29	1 14	16 3	22 52	22 46	7 2	4 48	5 50
T 25	12 4	21 3	1 57	16 12	1 53	24 25	2 3	21 6	2 27	12 46	0 59	9 37	2 3	22 33	0 1	4 9	1 29	1 13	16 3	22 53	22 47	7 0	4 48	5 49
W26	12 25	22 33	0 52	15 32	1 35	24 36	2 6	20 55	2 25	12 50	0 59	9 37	2 3	22 33	0 1	4 9	1 29	1 13	16 3	22 53	22 47	6 57	4 49	5 49
T 27	12 45	22 50	0s18	14 50	1 16	24 47	2 8	20 43	2 23	12 55	0 59	9 38	2 3	22 33	0 1	4 10	1 29	1 12	16 3	22 53	22 47	6 55	4 50	5 48
F 28	13 5	21 49	1 28	14 6	0 55	24 57	2 11	20 31	2 21	12 59	0 59	9 38	2 3	22 32	0 1	4 11	1 29	1 12	16 3	22 53	22 48	6 53	4 51	5 48
S 29	13 25	19 30	2 35	13 21	0 35	25 6	2 14	20 19	2 19	13 3	0 59	9 39	2 2	22 32	0 1	4 12	1 29	1 12	16 3	22 53	22 48	6 50	4 51	5 48
S 30	13 45	15 58	3 34	12 36	0 14	25 14	2 16	20 7	2 17	13 8	0 59	9 39	2 2	22 32	0 1	4 13	1 29	1 11	16 3	22 53	22 48	6 48	4 52	5 47
M31	14s 5	11s26	4s21	11s54	0n 6	25s22	2s18	19s54	2s15	13s12	0n59	9s40	2s 2	22n32	0s 1	4s13	1n29	1n11	16s 3	22n53	22n49	6n45	4s53	5n47

Julian Day Number = 2492725.5, Delta T = 99.41 sec
Ecliptic obliquity = 23°25'27, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°18'56, Lahiri = 25°25'57

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ASTRODIENST EPHEMERIS for the year 2112
geocentric

NOVEMBER 2112 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 51	8♏43'23	25♓48	0°R30	21♐28	10♒38	8♏ 6	10°R 5	14°R43	14♎13	15°R54	11°R50	12♋44	24♍22	3°R20	T 1
W 2	2 45 48	9°43'21	10♈41	29♎38	22°38	11°17	8°19	10♓ 4	14♊41	14°16	15♉53	11♋42	12°41	24°29	3♓19	W 2
T 3	2 49 44	10°43'21	25°39	28°57	23°48	11°56	8°32	10° 3	14°39	14°18	15°52	11°32	12°38	24°36	3°18	T 3
F 4	2 53 41	11°43'22	10♉30	28°26	24°58	12°36	8°46	10° 2	14°37	14°20	15°51	11°23	12°35	24°42	3°18	F 4
S 5	2 57 37	12°43'25	25° 7	28° 7	26° 7	13°15	8°59	10° 1	14°35	14°22	15°50	11°14	12°32	24°49	3°17	S 5
S 6	3 1 34	13°43'30	9♊22	27°D59	27°17	13°55	9°12	10° 0	14°33	14°24	15°49	11° 8	12°28	24°56	3°17	S 6
M 7	3 5 30	14°43'37	23°11	28° 3	28°26	14°35	9°25	9°59	14°31	14°26	15°48	11° 4	12°25	25° 3	3°16	M 7
T 8	3 9 27	15°43'47	6♋33	28°18	29°35	15°15	9°38	9°59	14°29	14°28	15°47	11°D 3	12°22	25° 9	3°16	T 8
W 9	3 13 23	16°43'58	19°29	28°43	0♌45	15°55	9°51	9°58	14°27	14°30	15°46	11° 3	12°19	25°16	3°16	W 9
T 10	3 17 20	17°44'11	2♌ 2	29°17	1°54	16°35	10° 4	9°58	14°24	14°32	15°44	11° 4	12°16	25°23	3°16	T 10
F 11	3 21 17	18°44'26	14°17	29°59	3° 3	17°15	10°17	9°57	14°22	14°33	15°43	11°R 5	12°13	25°30	3°15	F 11
S 12	3 25 13	19°44'43	26°18	0♏49	4°12	17°55	10°30	9°57	14°20	14°35	15°42	11° 5	12° 9	25°36	3°15	S 12
S 13	3 29 10	20°45'02	8♍12	1°45	5°20	18°35	10°43	9°D57	14°18	14°37	15°41	11° 3	12° 6	25°43	3°D15	S 13
M14	3 33 6	21°45'23	20° 3	2°47	6°29	19°16	10°56	9°57	14°15	14°39	15°40	10°59	12° 3	25°50	3°15	M14
T 15	3 37 3	22°45'46	1♎55	3°55	7°37	19°57	11° 9	9°57	14°13	14°41	15°39	10°53	12° 0	25°56	3°15	T 15
W16	3 40 59	23°46'11	13°52	5° 6	8°46	20°37	11°22	9°58	14°11	14°43	15°38	10°45	11°57	26° 3	3°16	W16
T 17	3 44 56	24°46'38	25°58	6°22	9°54	21°18	11°35	9°58	14° 8	14°45	15°37	10°36	11°53	26°10	3°16	T 17
F 18	3 48 52	25°47'06	8♏13	7°40	11° 2	21°59	11°48	9°58	14° 6	14°46	15°35	10°27	11°50	26°17	3°16	F 18
S 19	3 52 49	26°47'36	20°39	9° 2	12°10	22°40	12° 1	9°59	14° 4	14°48	15°34	10°19	11°47	26°23	3°16	S 19
S 20	3 56 45	27°48'08	3♐18	10°25	13°18	23°21	12°14	10° 0	14° 1	14°50	15°33	10°12	11°44	26°30	3°17	S 20
M21	4 0 42	28°48'41	16° 8	11°51	14°25	24° 2	12°27	10° 0	13°59	14°52	15°32	10° 7	11°41	26°37	3°17	M21
T 22	4 4 39	29°49'16	29°10	13°18	15°33	24°43	12°40	10° 1	13°56	14°53	15°31	10° 5	11°38	26°43	3°18	T 22
W23	4 8 35	0♑49'52	12♑23	14°46	16°40	25°24	12°53	10° 2	13°54	14°55	15°30	10°D 4	11°34	26°50	3°18	W23
T 24	4 12 32	1°50'29	25°48	16°16	17°47	26° 6	13° 6	10° 3	13°52	14°57	15°29	10° 5	11°31	26°57	3°19	T 24
F 25	4 16 28	2°51'08	9♒25	17°46	18°54	26°47	13°18	10° 4	13°49	14°59	15°28	10° 7	11°28	27° 4	3°20	F 25
S 26	4 20 25	3°51'47	23°13	19°17	20° 1	27°29	13°31	10° 6	13°47	15° 0	15°27	10° 8	11°25	27°10	3°20	S 26
S 27	4 24 21	4°52'28	7♓14	20°49	21° 8	28°10	13°44	10° 7	13°44	15° 2	15°26	10°R 9	11°22	27°17	3°21	S 27
M28	4 28 18	5°53'10	21°26	22°21	22°14	28°52	13°57	10° 9	13°42	15° 3	15°25	10° 7	11°18	27°24	3°22	M28
T 29	4 32 15	6°53'52	5♈48	23°53	23°20	29°34	14° 9	10°10	13°39	15° 5	15°24	10° 5	11°15	27°30	3°23	T 29
W30	4 36 11	7♐54'36	20♈15	25♏26	24♑26	0♓15	14♏22	10♓12	13♊37	15♎ 6	15♉23	10♋ 1	11♋12	27♍37	3♓24	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s24	6s 8	4s52	11s14	0n26	25s29	2s21	19s42	2s13	13s16	0n59	9s40	2s 2	22n32	0s 1	4s14	1n29	1n11	16s 3	22n54	22n49	6n43	4s53	5n47
W 2	14 43	0 26	5 4	10 39	0 44	25 36	2 23	19 29	2 11	13 20	0 59	9 40	2 2	22 31	0 1	4 15	1 29	1 11	16 3	22 55	22 49	6 41	4 54	5 46
T 3	15 2	5n20	4 55	10 8	1 1	25 42	2 25	19 16	2 9	13 25	0 59	9 41	2 2	22 31	0 1	4 16	1 29	1 10	16 3	22 55	22 49	6 38	4 54	5 46
F 4	15 20	10 45	4 26	9 43	1 17	25 47	2 27	19 3	2 7	13 29	0 59	9 41	2 2	22 31	0 1	4 16	1 29	1 10	16 3	22 56	22 50	6 36	4 55	5 45
S 5	15 39	15 28	3 40	9 23	1 30	25 51	2 29	18 50	2 5	13 33	0 59	9 41	2 1	22 31	0 1	4 17	1 29	1 10	16 3	22 57	22 50	6 33	4 56	5 45
S 6	15 57	19 11	2 41	9 10	1 42	25 55	2 31	18 37	2 3	13 37	0 59	9 41	2 1	22 31	0 1	4 18	1 29	1 9	16 3	22 57	22 50	6 31	4 56	5 45
M 7	16 15	21 41	1 34	9 2	1 52	25 58	2 33	18 23	2 2	13 41	0 59	9 41	2 1	22 30	0 1	4 19	1 29	1 9	16 3	22 58	22 51	6 29	4 57	5 44
T 8	16 32	22 52	0 24	8 59	2 0	26 0	2 34	18 10	2 0	13 46	0 59	9 41	2 1	22 30	0 1	4 19	1 29	1 9	16 3	22 58	22 51	6 26	4 57	5 44
W 9	16 50	22 45	0n45	9 2	2 7	26 1	2 36	17 56	1 58	13 50	0 59	9 42	2 1	22 30	0 1	4 20	1 29	1 8	16 3	22 58	22 51	6 24	4 58	5 43
T 10	17 7	21 29	1 50	9 9	2 12	26 2	2 38	17 42	1 56	13 54	0 59	9 42	2 1	22 30	0 1	4 21	1 29	1 8	16 3	22 58	22 52	6 21	4 58	5 43
F 11	17 23	19 14	2 49	9 21	2 15	26 2	2 39	17 28	1 54	13 58	0 59	9 42	2 1	22 29	0 1	4 22	1 29	1 8	16 3	22 58	22 52	6 19	4 58	5 43
S 12	17 40	16 10	3 39	9 36	2 17	26 2	2 40	17 14	1 52	14 2	0 59	9 41	2 0	22 29	0 1	4 22	1 29	1 8	16 3	22 58	22 52	6 16	4 59	5 42
S 13	17 56	12 29	4 19	9 55	2 18	26 1	2 42	17 0	1 50	14 6	0 59	9 41	2 0	22 29	0 1	4 23	1 30	1 7	16 3	22 58	22 52	6 14	4 59	5 42
M14	18 12	8 20	4 47	10 17	2 18	25 59	2 43	16 45	1 48	14 10	0 59	9 41	2 0	22 29	0 1	4 24	1 30	1 7	16 3	22 58	22 53	6 12	5 0	5 41
T 15	18 27	3 53	5 4	10 41	2 16	25 56	2 44	16 31	1 47	14 14	0 59	9 41	2 0	22 28	0 1	4 24	1 30	1 7	16 3	22 59	22 53	6 9	5 0	5 41
W16	18 42	0s45	5 7	11 6	2 14	25 53	2 45	16 16	1 45	14 18	0 59	9 41	2 0	22 28	0 1	4 25	1 30	1 7	16 3	22 59	22 53	6 7	5 0	5 41
T 17	18 57	5 25	4 56	11 34	2 11	25 48	2 46	16 1	1 43	14 22	0 59	9 40	2 0	22 28	0 1	4 26	1 30	1 6	16 3	23 0	22 54	6 4	5 1	5 40
F 18	19 12	9 56	4 32	12 3	2 8	25 44	2 46	15 46	1 41	14 26	0 59	9 40	2 0	22 28	0 1	4 26	1 30	1 6	16 3	23 1	22 54	6 2	5 1	5 40
S 19	19 26	14 7	3 55	12 33	2 4	25 38	2 47	15 31	1 39	14 30	0 59	9 40	1 59	22 27	0 1	4 27	1 30	1 6	16 3	23 1	22 54	5 59	5 1	5 39
S 20	19 39	17 46	3 6	13 3	1 59	25 32	2 47	15 16	1 38	14 34	0 59	9 39	1 59	22 27	0 1	4 28	1 30	1 6	16 3	23 2	22 54	5 57	5 1	5 39
M21	19 53	20 37	2 6	13 34	1 54	25 25	2 48	15 1	1 36	14 38	0 59	9 39	1 59	22 27	0 1	4 28	1 30	1 6	16 3	23 2	22 55	5 54	5 1	5 39
T 22	20 6	22 26	0 59	14 6	1 48	25 18	2 48	14 45	1 34	14 42	0 59	9 39	1 59	22 26	0 1	4 29	1 30	1 5	16 2	23 2	22 55	5 52	5 2	5 38
W23	20 19	23 3	0s13	14 38	1 42	25 10	2 48	14 30	1 32	14 46	0 59	9 38	1 59	22 26	0 1	4 30	1 30	1 5	16 2	23 3	22 55	5 49	5 2	5 38
T 24	20 31	22 21	1 25	15 9	1 36	25 1	2 48	14 14	1 31	14 50	0 59	9 37	1 59	22 26	0 1	4 30	1 30	1 5	16 2	23 2	22 55	5 47	5 2	5 37
F 25	20 43	20 21	2 33	15 41	1 30	24 52	2 48	13 58	1 29	14 53	0 59	9 37	1 58	22 26	0 1	4 31	1 30	1 5	16 2	23 2	22 56	5 44	5 2	5 37
S 26	20 55	17 7	3 33	16 12	1 23	24 42	2 48	13 42	1 27	14 57	0 59	9 36	1 58	22 25	0 1	4 31	1 30	1 5	16 2	23 2	22 56	5 42	5 2	5 37
S 27	21 6	12 54	4 22	16 43	1 17	24 31	2 47	13 26	1 25	15 1	0 59	9 36	1 58	22 25	0 1	4 32	1 30	1 5	16 2	23 2	22 56	5 40	5 2	5 36
M28	21 17	7 55	4 55	17 13	1 10	24 20	2 47	13 10	1 24	15 5	0 59	9 35	1 58	22 25	0 1	4 32	1 30	1 4	16 2	23 2	22 57	5 37	5 2	5 36
T 29	21 27	2 27	5 11	17 43	1 3	24 8	2 46	12 54	1 22	15 8	0 59	9 34	1 58	22 24	0 1	4 33	1 30	1 4	16 2	23 2	22 57	5 35	5 2	5 35
W30	21s37	3n10	5s 7	18s12	0n56	23s56	2s45	12s38	1s20	15s12	0n59	9s33	1s58	22n24	0s 1	4s34	1n30	1n 4	16s 1	23n 3	22n57	5n32	5s 2	5n35

Julian Day Number = 2492756.5, Delta T = 99.46 sec
Ecliptic obliquity = 23°25'27, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°19'01, Lahiri = 25°26'01

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ASTRODIENST EPHEMERIS for the year 2112
geocentric

DECEMBER 2112 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 8	8♐55'20	4♉44	26♏59	25♑32	0♓57	14♏34	10♓14	13°R34	15♎ 8	15°R22	9°R56	11♋ 9	27♍44	3♓25	T 1
F 2	4 44 4	9°56'06	19° 9	28°32	26°37	1°39	14°47	10°16	13♊31	15° 9	15♉21	9♋52	11° 6	27°51	3°26	F 2
S 3	4 48 1	10°56'53	3♊23	0♐ 5	27°43	2°21	14°59	10°18	13°29	15°11	15°20	9°47	11° 3	27°57	3°27	S 3
S 4	4 51 57	11°57'41	17°21	1°39	28°48	3° 3	15°12	10°20	13°26	15°12	15°19	9°44	10°59	28° 4	3°29	S 4
M 5	4 55 54	12°58'31	1♋ 0	3°12	29°52	3°45	15°24	10°22	13°24	15°14	15°18	9°43	10°56	28°11	3°30	M 5
T 6	4 59 50	13°59'21	14°17	4°46	0♒57	4°27	15°36	10°24	13°21	15°15	15°17	9°D43	10°53	28°17	3°31	T 6
W 7	5 3 47	15° 0'13	27°12	6°19	2° 1	5° 9	15°49	10°27	13°19	15°16	15°16	9°43	10°50	28°24	3°33	W 7
T 8	5 7 44	16° 1'06	9♌48	7°53	3° 5	5°51	16° 1	10°29	13°16	15°18	15°15	9°45	10°47	28°31	3°34	T 8
F 9	5 11 40	17° 2'00	22° 6	9°27	4° 9	6°33	16°13	10°32	13°14	15°19	15°14	9°47	10°44	28°38	3°36	F 9
S 10	5 15 37	18° 2'56	4♍11	11° 0	5°12	7°15	16°25	10°35	13°11	15°20	15°13	9°48	10°40	28°44	3°37	S 10
S 11	5 19 33	19° 3'52	16° 7	12°34	6°15	7°58	16°37	10°37	13° 9	15°21	15°12	9°R49	10°37	28°51	3°39	S 11
M12	5 23 30	20° 4'50	27°59	14° 8	7°18	8°40	16°50	10°40	13° 6	15°23	15°11	9°49	10°34	28°58	3°41	M12
T 13	5 27 26	21° 5'49	9♎52	15°42	8°20	9°22	17° 2	10°43	13° 4	15°24	15°10	9°48	10°31	29° 5	3°42	T 13
W14	5 31 23	22° 6'49	21°51	17°15	9°22	10° 4	17°13	10°46	13° 1	15°25	15° 9	9°46	10°28	29°11	3°44	W14
T 15	5 35 19	23° 7'50	3♏59	18°49	10°24	10°47	17°25	10°50	12°59	15°26	15° 8	9°43	10°24	29°18	3°46	T 15
F 16	5 39 16	24° 8'52	16°20	20°23	11°25	11°29	17°37	10°53	12°56	15°27	15° 7	9°41	10°21	29°25	3°48	F 16
S 17	5 43 13	25° 9'55	28°56	21°57	12°26	12°12	17°49	10°56	12°54	15°28	15° 7	9°38	10°18	29°31	3°50	S 17
S 18	5 47 9	26°10'59	11♐49	23°32	13°26	12°54	18° 1	11° 0	12°51	15°29	15° 6	9°37	10°15	29°38	3°52	S 18
M19	5 51 6	27°12'04	24°59	25° 6	14°26	13°37	18°12	11° 3	12°49	15°30	15° 5	9°35	10°12	29°45	3°54	M19
T 20	5 55 2	28°13'09	8♑25	26°40	15°26	14°19	18°24	11° 7	12°46	15°31	15° 4	9°D35	10° 9	29°52	3°56	T 20
W21	5 58 59	29°14'15	22° 5	28°15	16°25	15° 2	18°35	11°11	12°44	15°32	15° 3	9°35	10° 5	29°58	3°58	W21
T 22	6 2 55	0♑15'22	5♒57	29°50	17°24	15°44	18°47	11°15	12°41	15°33	15° 3	9°36	10° 2	0♎ 5	4° 1	T 22
F 23	6 6 52	1°16'28	19°57	1♑25	18°22	16°27	18°58	11°18	12°39	15°34	15° 2	9°37	9°59	0°12	4° 3	F 23
S 24	6 10 48	2°17'35	4♓ 4	3° 0	19°20	17° 9	19° 9	11°22	12°37	15°35	15° 1	9°37	9°56	0°18	4° 5	S 24
S 25	6 14 45	3°18'42	18°15	4°35	20°17	17°52	19°20	11°27	12°34	15°35	15° 1	9°38	9°53	0°25	4° 8	S 25
M26	6 18 42	4°19'49	2♈27	6°11	21°14	18°35	19°31	11°31	12°32	15°36	15° 0	9°R38	9°50	0°32	4°10	M26
T 27	6 22 38	5°20'57	16°38	7°47	22°10	19°17	19°42	11°35	12°30	15°37	14°59	9°38	9°46	0°39	4°13	T 27
W28	6 26 35	6°22'04	0♉45	9°23	23° 5	20° 0	19°53	11°39	12°28	15°38	14°59	9°38	9°43	0°45	4°15	W28
T 29	6 30 31	7°23'11	14°47	10°59	24° 0	20°43	20° 4	11°44	12°25	15°38	14°58	9°38	9°40	0°52	4°18	T 29
F 30	6 34 28	8°24'18	28°41	12°35	24°54	21°25	20°15	11°48	12°23	15°39	14°57	9°37	9°37	0°59	4°20	F 30
S 31	6 38 24	9♑25'26	12♊25	14♑12	25♒48	22♓ 8	20♏26	11♓53	12♊21	15♎39	14♉57	9°D37	9♋34	1♎ 6	4♓23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s46	8n38	4s43	18s41	0n49	23s43	2s44	12s21	1s19	15s16	0n59	9s32	1s58	22n24	0s 1	4s34	1n30	1n 4	16s 1	23n 3	22n57	5n30	5s 2	5n35
F 2	21 56	13 37	4 2	19 8	0 42	23 29	2 43	12 5	1 17	15 19	0 59	9 32	1 57	22 24	0 1	4 35	1 30	1 4	16 1	23 3	22 58	5 27	5 2	5 34
S 3	22 4	17 46	3 6	19 35	0 35	23 15	2 42	11 48	1 16	15 23	0 59	9 31	1 57	22 23	0 1	4 35	1 30	1 4	16 1	23 4	22 58	5 25	5 2	5 34
S 4	22 13	20 50	2 0	20 2	0 28	23 0	2 40	11 32	1 14	15 27	0 59	9 30	1 57	22 23	0 1	4 36	1 30	1 4	16 1	23 4	22 58	5 22	5 2	5 34
M 5	22 20	22 38	0 48	20 27	0 20	22 45	2 39	11 15	1 12	15 30	0 59	9 29	1 57	22 23	0 1	4 36	1 30	1 4	16 1	23 4	22 58	5 20	5 2	5 33
T 6	22 28	23 5	0n25	20 51	0 13	22 29	2 37	10 58	1 11	15 34	0 59	9 28	1 57	22 22	0 1	4 37	1 31	1 3	16 0	23 4	22 59	5 17	5 2	5 33
W 7	22 35	22 15	1 35	21 15	0 6	22 13	2 35	10 41	1 9	15 37	0 59	9 27	1 57	22 22	0 1	4 37	1 31	1 3	16 0	23 4	22 59	5 15	5 2	5 32
T 8	22 41	20 19	2 38	21 37	0s 1	21 56	2 33	10 24	1 8	15 41	0 59	9 26	1 56	22 22	0 1	4 38	1 31	1 3	16 0	23 4	22 59	5 12	5 2	5 32
F 9	22 48	17 29	3 32	21 59	0 7	21 39	2 31	10 7	1 6	15 44	0 59	9 24	1 56	22 21	0 1	4 38	1 31	1 3	16 0	23 4	22 59	5 10	5 1	5 32
S 10	22 53	13 57	4 16	22 19	0 14	21 21	2 29	9 50	1 4	15 48	0 59	9 23	1 56	22 21	0 1	4 38	1 31	1 3	16 0	23 4	23 0	5 7	5 1	5 31
S 11	22 58	9 54	4 49	22 38	0 21	21 3	2 26	9 33	1 3	15 51	0 59	9 22	1 56	22 21	0 1	4 39	1 31	1 3	15 59	23 4	23 0	5 5	5 1	5 31
M12	23 3	5 31	5 9	22 56	0 28	20 45	2 23	9 16	1 1	15 54	0 59	9 21	1 56	22 20	0 1	4 39	1 31	1 3	15 59	23 4	23 0	5 2	5 1	5 31
T 13	23 8	0 56	5 15	23 13	0 34	20 26	2 20	8 59	1 0	15 58	0 59	9 20	1 56	22 20	0 1	4 40	1 31	1 3	15 59	23 4	23 0	5 0	5 0	5 30
W14	23 11	3s44	5 8	23 29	0 40	20 6	2 17	8 41	0 58	16 1	0 59	9 18	1 56	22 20	0 1	4 40	1 31	1 3	15 59	23 4	23 1	4 57	5 0	5 30
T 15	23 15	8 19	4 48	23 44	0 47	19 47	2 14	8 24	0 57	16 4	0 59	9 17	1 55	22 20	0 1	4 40	1 31	1 3	15 59	23 4	23 1	4 55	5 0	5 29
F 16	23 18	12 40	4 13	23 57	0 53	19 26	2 11	8 6	0 55	16 8	0 59	9 16	1 55	22 19	0 1	4 41	1 31	1 3	15 58	23 4	23 1	4 52	4 59	5 29
S 17	23 20	16 33	3 26	24 9	0 59	19 6	2 7	7 49	0 54	16 11	0 59	9 14	1 55	22 19	0 1	4 41	1 31	1 3	15 58	23 4	23 1	4 50	4 59	5 29
S 18	23 22	19 45	2 28	24 20	1 4	18 45	2 3	7 31	0 52	16 14	0 59	9 13	1 55	22 19	0 1	4 41	1 31	1 3	15 58	23 5	23 2	4 47	4 59	5 28
M19	23 24	22 0	1 20	24 30	1 10	18 24	1 59	7 14	0 51	16 17	0 59	9 11	1 55	22 18	0 1	4 42	1 31	1 3	15 58	23 5	23 2	4 45	4 58	5 28
T 20	23 25	23 3	0 6	24 38	1 15	18 2	1 55	6 56	0 50	16 20	1 0	9 10	1 55	22 18	0 1	4 42	1 31	1 3	15 57	23 5	23 2	4 42	4 58	5 28
W21	23 25	22 45	1s 9	24 45	1 21	17 40	1 51	6 38	0 48	16 23	1 0	9 8	1 55	22 18	0 1	4 42	1 31	1 3	15 57	23 5	23 2	4 40	4 57	5 27
T 22	23 25	21 3	2 21	24 51	1 26	17 18	1 46	6 20	0 47	16 27	1 0	9 7	1 54	22 17	0 1	4 43	1 31	1 3	15 57	23 5	23 3	4 37	4 57	5 27
F 23	23 25	18 4	3 26	24 55	1 30	16 56	1 42	6 3	0 45	16 30	1 0	9 5	1 54	22 17	0 1	4 43	1 31	1 3	15 57	23 5	23 3	4 34	4 56	5 27
S 24	23 24	14 1	4 18	24 58	1 35	16 33	1 37	5 45	0 44	16 33	1 0	9 3	1 54	22 17	0 1	4 43	1 31	1 3	15 56	23 5	23 3	4 32	4 56	5 26
S 25	23 23	9 10	4 55	25 0	1 39	16 10	1 32	5 27	0 43	16 36	1 0	9 2	1 54	22 17	0 1	4 43	1 32	1 3	15 56	23 4	23 3	4 29	4 55	5 26
M26	23 21	3 50	5 15	25 0	1 43	15 47	1 26	5 9	0 41	16 38	1 0	9 0	1 54	22 16	0 1	4 44	1 32	1 3	15 56	23 4	23 4	4 27	4 55	5 26
T 27	23 19	1n41	5 15	24 59	1 47	15 23	1 21	4 51	0 40	16 41	1 0	8 58	1 54	22 16	0 1	4 44	1 32	1 4	15 56	23 4	23 4	4 24	4 54	5 25
W28	23 16	7 6	4 56	24 56	1 51	15 0	1 15	4 33	0 39	16 44	1 0	8 56	1 54	22 16	0 1	4 44	1 32	1 4	15 55	23 4	23 4	4 22	4 54	5 25
T 29	23 13	12 8	4 19	24 52	1 54	14 36	1 9	4 15	0 37	16 47	1 0	8 55	1 54	22 15	0 1	4 44	1 32	1 4	15 55	23 5	23 4	4 19	4 53	5 25
F 30	23 9	16 28	3 28	24 46	1 57	14 12	1 3	3 57	0 36	16 50	1 0	8 53	1 53	22 15	0 1	4 45	1 32	1 4	15 55	23 5	23 5	4 17	4 52	5 24
S 31	23s 5	19n52	2s25	24s39	2s 0	13s48	0s57	3s39	0s35	16s53	1n 0	8s51	1s53	22n15	0s 1	4s45	1n32	1n 4	15s54	23n 5	23n 5	4n14	4s52	5n24

Julian Day Number = 2492786.5, Delta T = 99.50 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°19'05, Lahiri = 25°26'05

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ASTRODIENST EPHEMERIS for the year 2113
geocentric

JANUARY 2113 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 21	10♑26'33	25♊57	15♑49	26♒40	22♓51	20♏36	11♓58	12°R19	15♎40	14°R56	9♋37	9♋30	1♎12	4♓26	S 1
M 2	6 46 18	11°27'41	9♋15	17°27	27°33	23°33	20°47	12° 2	12♊17	15°40	14♉56	9°R37	9°27	1°19	4°28	M 2
T 3	6 50 14	12°28'49	22°17	19° 4	28°24	24°16	20°57	12° 7	12°14	15°41	14°55	9°37	9°24	1°26	4°31	T 3
W 4	6 54 11	13°29'57	5♌ 3	20°42	29°14	24°59	21° 8	12°12	12°12	15°41	14°54	9°37	9°21	1°32	4°34	W 4
T 5	6 58 7	14°31'05	17°34	22°20	0♓ 4	25°41	21°18	12°17	12°10	15°42	14°54	9°36	9°18	1°39	4°37	T 5
F 6	7 2 4	15°32'13	29°51	23°58	0°53	26°24	21°28	12°22	12° 8	15°42	14°53	9°36	9°15	1°46	4°40	F 6
S 7	7 6 0	16°33'21	11♍56	25°37	1°41	27° 7	21°38	12°27	12° 6	15°43	14°53	9°35	9°11	1°53	4°43	S 7
S 8	7 9 57	17°34'29	23°53	27°15	2°28	27°49	21°48	12°32	12° 4	15°43	14°53	9°34	9° 8	1°59	4°46	S 8
M 9	7 13 53	18°35'38	5♎46	28°54	3°14	28°32	21°58	12°38	12° 2	15°43	14°52	9°33	9° 5	2° 6	4°49	M 9
T 10	7 17 50	19°36'46	17°39	0♒33	3°59	29°15	22° 8	12°43	12° 1	15°43	14°52	9°D33	9° 2	2°13	4°52	T 10
W11	7 21 47	20°37'55	29°37	2°12	4°43	29°57	22°17	12°48	11°59	15°44	14°51	9°33	8°59	2°19	4°55	W11
T 12	7 25 43	21°39'04	11♏43	3°50	5°26	0♈40	22°27	12°54	11°57	15°44	14°51	9°34	8°56	2°26	4°58	T 12
F 13	7 29 40	22°40'12	24° 4	5°28	6° 8	1°23	22°36	12°59	11°55	15°44	14°51	9°35	8°52	2°33	5° 1	F 13
S 14	7 33 36	23°41'21	6♐43	7° 6	6°49	2° 5	22°45	13° 5	11°53	15°44	14°50	9°36	8°49	2°40	5° 5	S 14
S 15	7 37 33	24°42'30	19°43	8°43	7°29	2°48	22°55	13°11	11°52	15°44	14°50	9°37	8°46	2°46	5° 8	S 15
M16	7 41 29	25°43'38	3♑ 5	10°20	8° 7	3°31	23° 4	13°16	11°50	15°44	14°50	9°R38	8°43	2°53	5°11	M16
T 17	7 45 26	26°44'47	16°50	11°55	8°44	4°13	23°13	13°22	11°49	15°R44	14°49	9°38	8°40	3° 0	5°15	T 17
W18	7 49 22	27°45'54	0♒54	13°30	9°20	4°56	23°22	13°28	11°47	15°44	14°49	9°37	8°36	3° 7	5°18	W18
T 19	7 53 19	28°47'02	15°15	15° 2	9°54	5°39	23°30	13°34	11°45	15°44	14°49	9°35	8°33	3°13	5°21	T 19
F 20	7 57 16	29°48'08	29°47	16°33	10°27	6°21	23°39	13°40	11°44	15°44	14°49	9°32	8°30	3°20	5°25	F 20
S 21	8 1 12	0♒49'14	14♓22	18° 1	10°58	7° 4	23°48	13°46	11°43	15°44	14°49	9°29	8°27	3°27	5°28	S 21
S 22	8 5 9	1°50'19	28°55	19°26	11°28	7°47	23°56	13°52	11°41	15°44	14°48	9°27	8°24	3°33	5°32	S 22
M23	8 9 5	2°51'23	13♈21	20°48	11°56	8°29	24° 4	13°58	11°40	15°44	14°48	9°24	8°21	3°40	5°35	M23
T 24	8 13 2	3°52'26	27°36	22° 6	12°22	9°12	24°12	14° 4	11°39	15°43	14°48	9°D23	8°17	3°47	5°39	T 24
W25	8 16 58	4°53'29	11♉37	23°19	12°46	9°54	24°20	14°11	11°37	15°43	14°48	9°23	8°14	3°54	5°42	W25
T 26	8 20 55	5°54'30	25°24	24°26	13° 9	10°37	24°28	14°17	11°36	15°43	14°48	9°24	8°11	4° 0	5°46	T 26
F 27	8 24 51	6°55'30	8♊56	25°27	13°30	11°20	24°36	14°23	11°35	15°42	14°48	9°26	8° 8	4° 7	5°50	F 27
S 28	8 28 48	7°56'29	22°14	26°21	13°49	12° 2	24°43	14°30	11°34	15°42	14°D48	9°28	8° 5	4°14	5°53	S 28
S 29	8 32 45	8°57'27	5♋20	27° 7	14° 5	12°45	24°51	14°36	11°33	15°42	14°48	9°R28	8° 2	4°21	5°57	S 29
M30	8 36 41	9°58'24	18°13	27°44	14°20	13°27	24°58	14°42	11°32	15°41	14°48	9°28	7°58	4°27	6° 1	M30
T 31	8 40 38	10♒59'20	0♌55	28♒12	14♓32	14♈10	25♏ 5	14♓49	11♊31	15♎41	14♉48	9♋26	7♋55	4♎34	6♓ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 1	22n 7	1s15	24s31	2s 2	13s24	0s50	3s21	0s33	16s55	1n 0	8s49	1s53	22n15	0s 1	4s45	1n32	1n 4	15s54	23n 5	23n 5	4n12	4s51	5n24
M 2	22 56	23 4	0 2	24 20	2 4	13 0	0 43	3 3	0 32	16 58	1 0	8 47	1 53	22 14	0 1	4 45	1 32	1 4	15 54	23 5	23 5	4 9	4 50	5 23
T 3	22 50	22 44	1n10	24 9	2 6	12 36	0 36	2 45	0 31	17 1	1 0	8 45	1 53	22 14	0 1	4 45	1 32	1 4	15 53	23 5	23 5	4 6	4 50	5 23
W 4	22 44	21 12	2 16	23 56	2 7	12 11	0 29	2 27	0 29	17 3	1 1	8 43	1 53	22 14	0 1	4 45	1 32	1 4	15 53	23 5	23 6	4 4	4 49	5 23
T 5	22 38	18 39	3 15	23 41	2 8	11 47	0 22	2 9	0 28	17 6	1 1	8 41	1 53	22 14	0 1	4 45	1 32	1 5	15 53	23 5	23 6	4 1	4 48	5 23
F 6	22 31	15 19	4 4	23 25	2 9	11 22	0 14	1 50	0 27	17 8	1 1	8 39	1 53	22 13	0 1	4 45	1 32	1 5	15 53	23 5	23 6	3 59	4 47	5 22
S 7	22 24	11 24	4 41	23 7	2 9	10 58	0 6	1 32	0 26	17 11	1 1	8 37	1 53	22 13	0 1	4 46	1 32	1 5	15 52	23 5	23 6	3 56	4 47	5 22
S 8	22 16	7 5	5 5	22 47	2 8	10 34	0n 2	1 14	0 24	17 13	1 1	8 35	1 52	22 13	0 1	4 46	1 32	1 5	15 52	23 5	23 7	3 54	4 46	5 22
M 9	22 8	2 33	5 16	22 26	2 7	10 9	0 10	0 56	0 23	17 16	1 1	8 33	1 52	22 13	0 1	4 46	1 32	1 5	15 52	23 5	23 7	3 51	4 45	5 21
T 10	21 59	2s 5	5 14	22 4	2 6	9 45	0 19	0 38	0 22	17 18	1 1	8 31	1 52	22 12	0 1	4 46	1 32	1 6	15 51	23 5	23 7	3 49	4 44	5 21
W11	21 50	6 41	4 58	21 40	2 4	9 21	0 28	0 20	0 21	17 21	1 1	8 28	1 52	22 12	0 1	4 46	1 32	1 6	15 51	23 5	23 7	3 46	4 43	5 21
T 12	21 41	11 5	4 28	21 15	2 1	8 56	0 37	0 2	0 20	17 23	1 1	8 26	1 52	22 12	0 1	4 46	1 33	1 6	15 51	23 5	23 7	3 43	4 42	5 21
F 13	21 31	15 7	3 46	20 48	1 58	8 32	0 46	0n16	0 18	17 25	1 1	8 24	1 52	22 12	0 1	4 46	1 33	1 6	15 50	23 5	23 8	3 41	4 41	5 20
S 14	21 21	18 35	2 52	20 20	1 54	8 8	0 56	0 34	0 17	17 28	1 1	8 22	1 52	22 11	0 1	4 46	1 33	1 6	15 50	23 5	23 8	3 38	4 40	5 20
S 15	21 10	21 14	1 48	19 50	1 50	7 45	1 5	0 52	0 16	17 30	1 2	8 20	1 52	22 11	0 1	4 46	1 33	1 7	15 50	23 5	23 8	3 36	4 40	5 20
M16	20 59	22 47	0 36	19 19	1 45	7 21	1 15	1 10	0 15	17 32	1 2	8 17	1 52	22 11	0 1	4 46	1 33	1 7	15 49	23 4	23 8	3 33	4 39	5 20
T 17	20 48	23 1	0s40	18 47	1 39	6 58	1 26	1 28	0 14	17 34	1 2	8 15	1 52	22 11	0 1	4 46	1 33	1 7	15 49	23 4	23 8	3 30	4 38	5 19
W18	20 36	21 49	1 55	18 14	1 33	6 35	1 36	1 46	0 13	17 36	1 2	8 13	1 51	22 11	0 1	4 46	1 33	1 7	15 49	23 5	23 9	3 28	4 37	5 19
T 19	20 23	19 11	3 4	17 40	1 25	6 12	1 47	2 4	0 12	17 38	1 2	8 10	1 51	22 10	0 1	4 46	1 33	1 8	15 48	23 5	23 9	3 25	4 36	5 19
F 20	20 11	15 19	4 2	17 5	1 17	5 50	1 58	2 22	0 11	17 40	1 2	8 8	1 51	22 10	0 1	4 45	1 33	1 8	15 48	23 5	23 9	3 23	4 35	5 19
S 21	19 58	10 32	4 45	16 30	1 8	5 27	2 9	2 39	0 9	17 42	1 2	8 6	1 51	22 10	0 1	4 45	1 33	1 8	15 48	23 5	23 9	3 20	4 34	5 18
S 22	19 44	5 9	5 9	15 54	0 58	5 6	2 21	2 57	0 8	17 44	1 2	8 3	1 51	22 10	0 1	4 45	1 33	1 8	15 47	23 5	23 10	3 18	4 33	5 18
M23	19 31	0n27	5 14	15 18	0 47	4 44	2 32	3 15	0 7	17 46	1 2	8 1	1 51	22 10	0 0	4 45	1 33	1 9	15 47	23 5	23 10	3 15	4 31	5 18
T 24	19 16	5 58	4 59	14 42	0 36	4 23	2 44	3 33	0 6	17 48	1 2	7 58	1 51	22 10	0 0	4 45	1 33	1 9	15 47	23 6	23 10	3 12	4 30	5 18
W25	19 2	11 5	4 26	14 6	0 23	4 3	2 56	3 50	0 5	17 50	1 3	7 56	1 51	22 9	0 0	4 45	1 33	1 9	15 46	23 6	23 10	3 10	4 29	5 17
T 26	18 47	15 33	3 39	13 31	0 9	3 43	3 9	4 8	0 4	17 52	1 3	7 53	1 51	22 9	0 0	4 45	1 33	1 10	15 46	23 5	23 10	3 7	4 28	5 17
F 27	18 32	19 9	2 40	12 57	0n 5	3 23	3 21	4 26	0 3	17 53	1 3	7 51	1 51	22 9	0 0	4 44	1 33	1 10	15 46	23 5	23 10	3 5	4 27	5 17
S 28	18 16	21 39	1 33	12 25	0 20	3 4	3 34	4 43	0 2	17 55	1 3	7 48	1 51	22 9	0 0	4 44	1 33	1 10	15 45	23 5	23 11	3 2	4 26	5 17
S 29	18 0	22 56	0 23	11 54	0 36	2 46	3 47	5 1	0 1	17 57	1 3	7 46	1 51	22 9	0 0	4 44	1 34	1 11	15 45	23 5	23 11	2 59	4 25	5 17
M30	17 44	22 58	0n48	11 26	0 53	2 28	4 0	5 18	0 0	17 59	1 3	7 43	1 51	22 9	0 0	4 44	1 34	1 11	15 45	23 5	23 11	2 57	4 24	5 16
T 31	17s28	21n48	1n55	11s 0	1n10	2s11	4n13	5n36	0n 1	18s 0	1n 3	7s41	1s51	22n 9	0s 0	4s44	1n34	1n11	15s44	23n 5	23n11	2n54	4s22	5n16

Julian Day Number = 2492817.5, Delta T = 99.54 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°19'09, Lahiri = 25°26'09

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ASTRODIENST EPHEMERIS for the year 2113
geocentric

FEBRUARY 2113 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 44 34	12♒ 0'15	13♌26	28♒29	14♓42	14♈52	25♏12	14♓56	11°R30	15°R40	14♉48	9°R23	7♋52	4♎41	6♓ 8	W 1
T 2	8 48 31	13° 1'09	25°46	28°R35	14°50	15°34	25°19	15° 2	11♊29	15♎40	14°48	9♋18	7°49	4°47	6°12	T 2
F 3	8 52 27	14° 2'02	7♍57	28°31	14°56	16°17	25°26	15° 9	11°28	15°39	14°48	9°11	7°46	4°54	6°16	F 3
S 4	8 56 24	15° 2'54	19°59	28°15	14°59	16°59	25°33	15°16	11°27	15°39	14°49	9° 4	7°42	5° 1	6°19	S 4
S 5	9 0 20	16° 3'45	1♎55	27°48	14°R59	17°42	25°39	15°22	11°27	15°38	14°49	8°58	7°39	5° 8	6°23	S 5
M 6	9 4 17	17° 4'35	13°47	27°10	14°57	18°24	25°45	15°29	11°26	15°37	14°49	8°52	7°36	5°14	6°27	M 6
T 7	9 8 14	18° 5'24	25°39	26°23	14°53	19° 6	25°52	15°36	11°26	15°37	14°49	8°47	7°33	5°21	6°31	T 7
W 8	9 12 10	19° 6'13	7♏34	25°28	14°46	19°49	25°58	15°43	11°25	15°36	14°49	8°45	7°30	5°28	6°35	W 8
T 9	9 16 7	20° 7'00	19°38	24°26	14°37	20°31	26° 3	15°50	11°24	15°35	14°49	8°D44	7°27	5°34	6°39	T 9
F 10	9 20 3	21° 7'47	1♐55	23°18	14°25	21°13	26° 9	15°57	11°24	15°34	14°50	8°44	7°23	5°41	6°43	F 10
S 11	9 24 0	22° 8'32	14°30	22° 8	14°11	21°55	26°15	16° 3	11°24	15°34	14°50	8°46	7°20	5°48	6°46	S 11
S 12	9 27 56	23° 9'17	27°27	20°57	13°54	22°38	26°20	16°10	11°23	15°33	14°50	8°47	7°17	5°55	6°50	S 12
M13	9 31 53	24°10'00	10♑50	19°46	13°35	23°20	26°25	16°17	11°23	15°32	14°51	8°R48	7°14	6° 1	6°54	M13
T 14	9 35 49	25°10'43	24°41	18°38	13°13	24° 2	26°30	16°25	11°23	15°31	14°51	8°47	7°11	6° 8	6°58	T 14
W15	9 39 46	26°11'24	8♒58	17°34	12°50	24°44	26°35	16°32	11°23	15°30	14°51	8°43	7° 8	6°15	7° 2	W15
T 16	9 43 43	27°12'04	23°38	16°36	12°24	25°26	26°40	16°39	11°22	15°29	14°52	8°38	7° 4	6°22	7° 6	T 16
F 17	9 47 39	28°12'42	8♓34	15°44	11°56	26° 8	26°45	16°46	11°22	15°28	14°52	8°30	7° 1	6°28	7°10	F 17
S 18	9 51 36	29°13'19	23°38	15° 0	11°26	26°50	26°49	16°53	11°D22	15°27	14°53	8°22	6°58	6°35	7°14	S 18
S 19	9 55 32	0♓13'54	8♈38	14°22	10°54	27°33	26°53	17° 0	11°22	15°26	14°53	8°14	6°55	6°42	7°18	S 19
M20	9 59 29	1°14'27	23°27	13°53	10°21	28°15	26°57	17° 7	11°22	15°25	14°54	8° 8	6°52	6°48	7°22	M20
T 21	10 3 25	2°14'59	7♉57	13°31	9°47	28°57	27° 1	17°15	11°23	15°24	14°54	8° 3	6°48	6°55	7°26	T 21
W22	10 7 22	3°15'29	22° 6	13°17	9°12	29°39	27° 5	17°22	11°23	15°23	14°55	8° 0	6°45	7° 2	7°30	W22
T 23	10 11 18	4°15'57	5♊51	13°D10	8°35	0♉20	27° 8	17°29	11°23	15°22	14°55	8°D 0	6°42	7° 9	7°34	T 23
F 24	10 15 15	5°16'23	19°15	13°10	7°58	1° 2	27°12	17°36	11°23	15°21	14°56	8° 0	6°39	7°15	7°38	F 24
S 25	10 19 12	6°16'48	2♋20	13°17	7°21	1°44	27°15	17°44	11°24	15°19	14°56	8°R 1	6°36	7°22	7°42	S 25
S 26	10 23 8	7°17'10	15° 8	13°30	6°43	2°26	27°18	17°51	11°24	15°18	14°57	8° 1	6°33	7°29	7°46	S 26
M27	10 27 5	8°17'31	27°43	13°48	6° 6	3° 8	27°21	17°58	11°25	15°17	14°57	7°59	6°29	7°36	7°50	M27
T 28	10 31 1	9♓17'49	10♌ 7	14♒13	5♓29	3♉50	27♏23	18♓ 6	11♊25	15♎16	14♉58	7♋54	6♋26	7♎42	7♓54	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s11	19n34	2n55	10s38	1n27	1s55	4n26	5n53	0n 2	18s 2	1n 3	7s38	1s51	22n 8	0s 0	4s43	1n34	1n12	15s44	23n 6	23n11	2n52	4s21	5n16
T 2	16 54	16 28	3 46	10 19	1 44	1 40	4 40	6 10	0 3	18 3	1 4	7 35	1 50	22 8	0 0	4 43	1 34	1 12	15 44	23 6	23 12	2 49	4 20	5 16
F 3	16 36	12 41	4 26	10 5	2 2	1 25	4 53	6 27	0 4	18 5	1 4	7 33	1 50	22 8	0 0	4 43	1 34	1 12	15 43	23 6	23 12	2 46	4 19	5 16
S 4	16 19	8 27	4 53	9 55	2 19	1 12	5 7	6 44	0 5	18 6	1 4	7 30	1 50	22 8	0 0	4 43	1 34	1 13	15 43	23 7	23 12	2 44	4 18	5 16
S 5	16 1	3 57	5 8	9 49	2 35	0 59	5 21	7 2	0 6	18 8	1 4	7 27	1 50	22 8	0 0	4 42	1 34	1 13	15 43	23 7	23 12	2 41	4 16	5 15
M 6	15 42	0s41	5 9	9 47	2 50	0 47	5 34	7 19	0 7	18 9	1 4	7 25	1 50	22 8	0 0	4 42	1 34	1 14	15 42	23 8	23 12	2 38	4 15	5 15
T 7	15 24	5 18	4 57	9 50	3 3	0 36	5 48	7 35	0 7	18 10	1 4	7 22	1 50	22 8	0 0	4 42	1 34	1 14	15 42	23 8	23 13	2 36	4 14	5 15
W 8	15 5	9 44	4 32	9 58	3 15	0 26	6 1	7 52	0 8	18 12	1 4	7 19	1 50	22 8	0 0	4 41	1 34	1 14	15 41	23 8	23 13	2 33	4 13	5 15
T 9	14 46	13 52	3 55	10 9	3 25	0 18	6 14	8 9	0 9	18 13	1 4	7 17	1 50	22 8	0 0	4 41	1 34	1 15	15 41	23 8	23 13	2 31	4 11	5 15
F 10	14 27	17 29	3 6	10 23	3 33	0 10	6 27	8 26	0 10	18 14	1 5	7 14	1 50	22 8	0 0	4 41	1 34	1 15	15 41	23 8	23 13	2 28	4 10	5 15
S 11	14 7	20 25	2 8	10 41	3 38	0 4	6 40	8 42	0 11	18 15	1 5	7 11	1 50	22 8	0 0	4 40	1 34	1 16	15 40	23 8	23 13	2 25	4 9	5 15
S 12	13 47	22 23	1 1	11 1	3 41	0n 2	6 53	8 59	0 12	18 16	1 5	7 9	1 50	22 8	0 0	4 40	1 34	1 16	15 40	23 8	23 13	2 23	4 7	5 14
M13	13 27	23 10	0s11	11 22	3 42	0 6	7 5	9 15	0 13	18 17	1 5	7 6	1 50	22 8	0 0	4 40	1 34	1 16	15 40	23 8	23 14	2 20	4 6	5 14
T 14	13 7	22 34	1 25	11 45	3 40	0 8	7 17	9 32	0 14	18 18	1 5	7 3	1 50	22 8	0 0	4 39	1 34	1 17	15 39	23 8	23 14	2 17	4 5	5 14
W15	12 47	20 30	2 35	12 8	3 36	0 10	7 28	9 48	0 14	18 19	1 5	7 0	1 50	22 8	0 0	4 39	1 34	1 17	15 39	23 8	23 14	2 15	4 3	5 14
T 16	12 26	17 3	3 37	12 31	3 30	0 10	7 39	10 4	0 15	18 20	1 5	6 57	1 50	22 8	0 0	4 38	1 34	1 18	15 39	23 9	23 14	2 12	4 2	5 14
F 17	12 5	12 27	4 26	12 53	3 22	0 9	7 49	10 20	0 16	18 21	1 6	6 55	1 50	22 8	0 0	4 38	1 34	1 18	15 38	23 9	23 14	2 10	4 1	5 14
S 18	11 44	7 4	4 56	13 15	3 13	0 7	7 59	10 36	0 17	18 22	1 6	6 52	1 50	22 8	0 0	4 38	1 35	1 19	15 38	23 10	23 14	2 7	3 59	5 14
S 19	11 23	1 16	5 6	13 35	3 3	0 3	8 7	10 52	0 18	18 23	1 6	6 49	1 50	22 8	0 0	4 37	1 35	1 19	15 38	23 10	23 15	2 4	3 58	5 14
M20	11 2	4n31	4 55	13 54	2 52	0s 1	8 16	11 8	0 19	18 24	1 6	6 46	1 50	22 8	0 0	4 37	1 35	1 19	15 37	23 11	23 15	2 2	3 56	5 14
T 21	10 40	9 57	4 26	14 12	2 40	0 7	8 23	11 24	0 19	18 24	1 6	6 43	1 50	22 8	0 0	4 36	1 35	1 20	15 37	23 11	23 15	1 59	3 55	5 14
W22	10 18	14 44	3 41	14 28	2 28	0 15	8 29	11 39	0 20	18 25	1 6	6 41	1 50	22 8	0 0	4 36	1 35	1 20	15 37	23 11	23 15	1 56	3 54	5 14
T 23	9 56	18 35	2 43	14 42	2 15	0 23	8 35	11 55	0 21	18 26	1 6	6 38	1 50	22 8	0 0	4 35	1 35	1 21	15 36	23 11	23 15	1 54	3 52	5 13
F 24	9 34	21 21	1 39	14 55	2 2	0 32	8 39	12 10	0 22	18 26	1 6	6 35	1 50	22 8	0 0	4 35	1 35	1 21	15 36	23 11	23 15	1 51	3 51	5 13
S 25	9 12	22 54	0 30	15 5	1 49	0 42	8 43	12 25	0 22	18 27	1 7	6 32	1 50	22 8	0 0	4 34	1 35	1 22	15 36	23 11	23 16	1 48	3 49	5 13
S 26	8 50	23 12	0n38	15 14	1 36	0 53	8 46	12 40	0 23	18 28	1 7	6 29	1 50	22 8	0 0	4 34	1 35	1 22	15 35	23 11	23 16	1 46	3 48	5 13
M27	8 27	22 17	1 43	15 21	1 23	1 5	8 47	12 55	0 24	18 28	1 7	6 26	1 50	22 8	0 0	4 33	1 35	1 23	15 35	23 11	23 16	1 43	3 47	5 13
T 28	8s 5	20n18	2n42	15s26	1n10	1s18	8n48	13n10	0n25	18s29	1n 7	6s24	1s50	22n 8	0s 0	4s33	1n35	1n23	15s35	23n11	23n16	1n40	3s45	5n13

Julian Day Number = 2492848.5, Delta T = 99.59 sec
Ecliptic obliquity = 23°25'27, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°19'13, Lahiri = 25°26'14

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ASTRODIENST EPHEMERIS for the year 2113
geocentric

MARCH 2113 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 34 58	10♓18'06	22♌22	14♒42	4°R52	4♉32	27♏26	18♓13	11♊26	15°R14	14♉59	7°R47	6♋23	7♎49	7♓58	W 1
T 2	10 38 54	11°18'21	4♍30	15°16	4♓17	5°13	27°28	18°20	11°26	15♎13	14°59	7♋37	6°20	7°56	8° 2	T 2
F 3	10 42 51	12°18'34	16°32	15°55	3°42	5°55	27°30	18°28	11°27	15°12	15° 0	7°25	6°17	8° 2	8° 6	F 3
S 4	10 46 47	13°18'45	28°30	16°37	3° 9	6°37	27°32	18°35	11°28	15°11	15° 1	7°12	6°14	8° 9	8°10	S 4
S 5	10 50 44	14°18'55	10♎23	17°24	2°38	7°18	27°34	18°42	11°28	15° 9	15° 2	6°59	6°10	8°16	8°14	S 5
M 6	10 54 40	15°19'03	22°15	18°13	2° 8	8° 0	27°35	18°50	11°29	15° 8	15° 2	6°48	6° 7	8°23	8°18	M 6
T 7	10 58 37	16°19'09	4♏ 7	19° 6	1°40	8°42	27°37	18°57	11°30	15° 6	15° 3	6°38	6° 4	8°29	8°22	T 7
W 8	11 2 34	17°19'14	16° 2	20° 3	1°14	9°23	27°38	19° 4	11°31	15° 5	15° 4	6°31	6° 1	8°36	8°26	W 8
T 9	11 6 30	18°19'17	28° 5	21° 2	0°50	10° 5	27°39	19°12	11°32	15° 4	15° 5	6°27	5°58	8°43	8°30	T 9
F 10	11 10 27	19°19'18	10♐18	22° 3	0°29	10°46	27°40	19°19	11°33	15° 2	15° 5	6°25	5°54	8°49	8°34	F 10
S 11	11 14 23	20°19'18	22°48	23° 7	0°10	11°28	27°40	19°27	11°34	15° 1	15° 6	6°D24	5°51	8°56	8°38	S 11
S 12	11 18 20	21°19'17	5♑39	24°14	29♒53	12° 9	27°41	19°34	11°35	14°59	15° 7	6°R25	5°48	9° 3	8°42	S 12
M13	11 22 16	22°19'14	18°56	25°23	29°39	12°51	27°41	19°41	11°36	14°58	15° 8	6°24	5°45	9°10	8°46	M13
T 14	11 26 13	23°19'09	2♒41	26°33	29°27	13°32	27°R41	19°49	11°38	14°56	15° 9	6°22	5°42	9°16	8°50	T 14
W15	11 30 9	24°19'02	16°56	27°46	29°17	14°13	27°41	19°56	11°39	14°55	15°10	6°17	5°39	9°23	8°54	W15
T 16	11 34 6	25°18'54	1♓39	29° 1	29°11	14°55	27°41	20° 4	11°40	14°53	15°11	6° 9	5°35	9°30	8°58	T 16
F 17	11 38 3	26°18'43	16°43	0♓17	29° 6	15°36	27°40	20°11	11°42	14°52	15°12	6° 0	5°32	9°37	9° 1	F 17
S 18	11 41 59	27°18'31	2♈ 1	1°36	29°D 4	16°17	27°39	20°18	11°43	14°50	15°13	5°48	5°29	9°43	9° 5	S 18
S 19	11 45 56	28°18'17	17°19	2°55	29° 5	16°58	27°39	20°26	11°44	14°49	15°14	5°37	5°26	9°50	9° 9	S 19
M20	11 49 52	29°18'01	2♉27	4°17	29° 7	17°40	27°37	20°33	11°46	14°47	15°15	5°27	5°23	9°57	9°13	M20
T 21	11 53 49	0♈17'42	17°16	5°40	29°13	18°21	27°36	20°40	11°48	14°45	15°16	5°20	5°19	10° 3	9°17	T 21
W22	11 57 45	1°17'22	1♊39	7° 5	29°20	19° 2	27°35	20°48	11°49	14°44	15°17	5°15	5°16	10°10	9°20	W22
T 23	12 1 42	2°16'59	15°34	8°31	29°29	19°43	27°33	20°55	11°51	14°42	15°18	5°13	5°13	10°17	9°24	T 23
F 24	12 5 38	3°16'34	29° 1	9°58	29°41	20°24	27°31	21° 2	11°53	14°41	15°19	5°12	5°10	10°24	9°28	F 24
S 25	12 9 35	4°16'07	12♋ 5	11°27	29°55	21° 5	27°29	21°10	11°54	14°39	15°20	5°12	5° 7	10°30	9°32	S 25
S 26	12 13 32	5°15'37	24°47	12°58	0♓11	21°46	27°27	21°17	11°56	14°37	15°21	5°11	5° 4	10°37	9°35	S 26
M27	12 17 28	6°15'05	7♌13	14°29	0°29	22°27	27°25	21°24	11°58	14°36	15°22	5° 9	5° 0	10°44	9°39	M27
T 28	12 21 25	7°14'31	19°27	16° 2	0°48	23° 8	27°22	21°31	12° 0	14°34	15°23	5° 3	4°57	10°50	9°43	T 28
W29	12 25 21	8°13'54	1♍32	17°37	1°10	23°49	27°19	21°38	12° 2	14°33	15°24	4°55	4°54	10°57	9°46	W29
T 30	12 29 18	9°13'16	13°31	19°13	1°33	24°30	27°16	21°46	12° 4	14°31	15°25	4°44	4°51	11° 4	9°50	T 30
F 31	12 33 14	10♈12'35	25♍26	20♓50	1♓58	25♉11	27♏13	21♓53	12♊ 6	14♎29	15♉26	4♋31	4♋48	11♎11	9♓54	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s42	17n24	3n33	15s30	0n57	1s31	8n48	13n25	0n25	18s29	1n 7	6s21	1s50	22n 8	0s 0	4s32	1n35	1n24	15s35	23n12	23n16	1n38	3s44	5n13
T 2	7 19	13 47	4 14	15 32	0 45	1 45	8 46	13 40	0 26	18 29	1 7	6 18	1 50	22 8	0 0	4 32	1 35	1 24	15 34	23 12	23 16	1 35	3 42	5 13
F 3	6 56	9 39	4 42	15 32	0 33	2 0	8 44	13 54	0 27	18 30	1 7	6 15	1 50	22 8	0 0	4 31	1 35	1 25	15 34	23 13	23 17	1 32	3 41	5 13
S 4	6 33	5 10	4 58	15 31	0 21	2 14	8 41	14 9	0 27	18 30	1 8	6 12	1 50	22 8	0 0	4 31	1 35	1 25	15 34	23 14	23 17	1 30	3 39	5 13
S 5	6 10	0 31	5 1	15 27	0 10	2 29	8 37	14 23	0 28	18 30	1 8	6 9	1 50	22 9	0 0	4 30	1 35	1 26	15 33	23 14	23 17	1 27	3 38	5 13
M 6	5 47	4s 9	4 51	15 23	0s 1	2 44	8 32	14 37	0 29	18 30	1 8	6 6	1 50	22 9	0 0	4 30	1 35	1 26	15 33	23 15	23 17	1 24	3 37	5 13
T 7	5 24	8 40	4 28	15 16	0 12	2 59	8 26	14 51	0 30	18 31	1 8	6 4	1 50	22 9	0 0	4 29	1 35	1 26	15 33	23 16	23 17	1 22	3 35	5 13
W 8	5 0	12 54	3 54	15 9	0 22	3 14	8 20	15 5	0 30	18 31	1 8	6 1	1 50	22 9	0 0	4 28	1 35	1 27	15 32	23 16	23 17	1 19	3 34	5 13
T 9	4 37	16 40	3 8	14 59	0 32	3 29	8 13	15 19	0 31	18 31	1 8	5 58	1 50	22 9	0 0	4 28	1 35	1 27	15 32	23 16	23 17	1 16	3 32	5 13
F 10	4 13	19 46	2 14	14 48	0 41	3 43	8 5	15 33	0 32	18 31	1 8	5 55	1 50	22 9	0 0	4 27	1 35	1 28	15 32	23 16	23 18	1 14	3 31	5 13
S 11	3 50	22 2	1 12	14 36	0 51	3 58	7 57	15 46	0 32	18 31	1 9	5 52	1 50	22 9	0 0	4 27	1 35	1 28	15 32	23 16	23 18	1 11	3 29	5 13
S 12	3 26	23 14	0 4	14 22	0 59	4 12	7 48	16 0	0 33	18 31	1 9	5 49	1 50	22 10	0 0	4 26	1 35	1 29	15 31	23 16	23 18	1 8	3 28	5 13
M13	3 3	23 11	1s 6	14 7	1 7	4 25	7 39	16 13	0 33	18 31	1 9	5 46	1 50	22 10	0 0	4 25	1 35	1 29	15 31	23 16	23 18	1 6	3 26	5 13
T 14	2 39	21 44	2 14	13 50	1 15	4 38	7 29	16 26	0 34	18 31	1 9	5 43	1 50	22 10	0 0	4 25	1 35	1 30	15 31	23 16	23 18	1 3	3 25	5 13
W15	2 15	18 52	3 17	13 32	1 23	4 51	7 19	16 39	0 35	18 30	1 9	5 41	1 51	22 10	0n 0	4 24	1 35	1 30	15 30	23 17	23 18	1 0	3 23	5 13
T 16	1 52	14 45	4 8	13 13	1 30	5 3	7 9	16 52	0 35	18 30	1 9	5 38	1 51	22 10	0 0	4 24	1 35	1 31	15 30	23 17	23 18	0 58	3 22	5 13
F 17	1 28	9 35	4 44	12 52	1 36	5 14	6 58	17 4	0 36	18 30	1 9	5 35	1 51	22 10	0 0	4 23	1 36	1 32	15 30	23 17	23 19	0 55	3 20	5 13
S 18	1 4	3 47	5 0	12 30	1 42	5 25	6 47	17 17	0 36	18 30	1 10	5 32	1 51	22 11	0 0	4 22	1 36	1 32	15 30	23 18	23 19	0 52	3 19	5 13
S 19	0 40	2n16	4 54	12 6	1 48	5 35	6 36	17 29	0 37	18 29	1 10	5 29	1 51	22 11	0 0	4 22	1 36	1 33	15 29	23 18	23 19	0 50	3 18	5 13
M20	0 17	8 7	4 28	11 42	1 53	5 45	6 25	17 41	0 38	18 29	1 10	5 26	1 51	22 11	0 0	4 21	1 36	1 33	15 29	23 19	23 19	0 47	3 16	5 13
T 21	0n 7	13 23	3 44	11 16	1 58	5 54	6 14	17 54	0 38	18 29	1 10	5 24	1 51	22 11	0 0	4 21	1 36	1 34	15 29	23 19	23 19	0 44	3 15	5 13
W22	0 31	17 45	2 47	10 48	2 3	6 2	6 2	18 5	0 39	18 28	1 10	5 21	1 51	22 12	0 0	4 20	1 36	1 34	15 29	23 19	23 19	0 42	3 13	5 13
T 23	0 54	20 57	1 42	10 20	2 7	6 9	5 51	18 17	0 39	18 28	1 10	5 18	1 51	22 12	0 0	4 19	1 36	1 35	15 28	23 19	23 19	0 39	3 12	5 13
F 24	1 18	22 53	0 33	9 50	2 10	6 16	5 40	18 29	0 40	18 27	1 10	5 15	1 51	22 12	0 0	4 19	1 36	1 35	15 28	23 19	23 19	0 36	3 10	5 13
S 25	1 42	23 29	0n36	9 19	2 13	6 22	5 28	18 40	0 40	18 27	1 10	5 12	1 51	22 12	0 0	4 18	1 36	1 36	15 28	23 19	23 20	0 33	3 9	5 13
S 26	2 5	22 49	1 41	8 47	2 16	6 27	5 17	18 51	0 41	18 26	1 11	5 10	1 51	22 12	0 0	4 17	1 36	1 36	15 28	23 19	23 20	0 31	3 7	5 14
M27	2 29	21 2	2 40	8 14	2 18	6 32	5 5	19 2	0 42	18 25	1 11	5 7	1 51	22 13	0 0	4 17	1 36	1 37	15 27	23 19	23 20	0 28	3 6	5 14
T 28	2 52	18 19	3 31	7 39	2 20	6 36	4 54	19 13	0 42	18 25	1 11	5 4	1 51	22 13	0 0	4 16	1 36	1 37	15 27	23 20	23 20	0 25	3 4	5 14
W29	3 16	14 50	4 11	7 3	2 21	6 39	4 43	19 24	0 43	18 24	1 11	5 1	1 52	22 13	0 0	4 15	1 36	1 38	15 27	23 20	23 20	0 23	3 3	5 14
T 30	3 39	10 46	4 39	6 27	2 22	6 41	4 31	19 35	0 43	18 23	1 11	4 59	1 52	22 14	0 0	4 15	1 36	1 38	15 27	23 20	23 20	0 20	3 2	5 14
F 31	4n 2	6n20	4n56	5s49	2s22	6s43	4n20	19n45	0n44	18s22	1n11	4s56	1s52	22n14	0n 0	4s14	1n36	1n39	15s27	23n21	23n20	0n17	3s 0	5n14

Julian Day Number = 2492876.5, Delta T = 99.63 sec
Ecliptic obliquity = 23°25'28, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°19'17, Lahiri = 25°26'18

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ASTRODIENST EPHEMERIS for the year 2113
geocentric

APRIL 2113 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 11	11♈11'52	7♎20	22♓29	2♓25	25♉52	27°R10	22♓ 0	12♊ 8	14°R28	15♉27	4°R16	4♋45	11♎17	9♓57	S 1
S 2	12 41 7	12°11'06	19°12	24° 9	2°54	26°32	27♏ 7	22° 7	12°10	14♎26	15°29	4♋ 2	4°41	11°24	10° 1	S 2
M 3	12 45 4	13°10'19	1♏ 5	25°50	3°24	27°13	27° 3	22°14	12°12	14°24	15°30	3°49	4°38	11°31	10° 4	M 3
T 4	12 49 1	14° 9'30	13° 1	27°33	3°55	27°54	26°59	22°21	12°14	14°23	15°31	3°38	4°35	11°38	10° 8	T 4
W 5	12 52 57	15° 8'39	25° 0	29°17	4°28	28°35	26°55	22°28	12°17	14°21	15°32	3°30	4°32	11°44	10°11	W 5
T 6	12 56 54	16° 7'47	7♐ 6	1♈ 3	5° 2	29°15	26°51	22°35	12°19	14°19	15°33	3°24	4°29	11°51	10°15	T 6
F 7	13 0 50	17° 6'52	19°23	2°50	5°38	29°56	26°47	22°42	12°21	14°18	15°35	3°22	4°25	11°58	10°18	F 7
S 8	13 4 47	18° 5'56	1♑53	4°39	6°14	0♊37	26°43	22°49	12°24	14°16	15°36	3°D21	4°22	12° 4	10°21	S 8
S 9	13 8 43	19° 4'58	14°41	6°29	6°52	1°17	26°38	22°56	12°26	14°14	15°37	3°R21	4°19	12°11	10°25	S 9
M10	13 12 40	20° 3'58	27°52	8°20	7°32	1°58	26°33	23° 3	12°28	14°13	15°38	3°21	4°16	12°18	10°28	M10
T 11	13 16 36	21° 2'57	11♒28	10°13	8°12	2°38	26°28	23°10	12°31	14°11	15°40	3°19	4°13	12°25	10°31	T 11
W12	13 20 33	22° 1'54	25°33	12° 7	8°53	3°19	26°23	23°17	12°33	14°10	15°41	3°16	4°10	12°31	10°34	W12
T 13	13 24 30	23° 0'49	10♓ 6	14° 3	9°36	3°59	26°18	23°23	12°36	14° 8	15°42	3° 9	4° 6	12°38	10°38	T 13
F 14	13 28 26	23°59'42	25° 2	16° 0	10°19	4°39	26°13	23°30	12°38	14° 6	15°43	3° 1	4° 3	12°45	10°41	F 14
S 15	13 32 23	24°58'33	10♈14	17°59	11° 4	5°20	26° 7	23°37	12°41	14° 5	15°45	2°51	4° 0	12°51	10°44	S 15
S 16	13 36 19	25°57'23	25°32	19°59	11°49	6° 0	26° 2	23°44	12°44	14° 3	15°46	2°41	3°57	12°58	10°47	S 16
M17	13 40 16	26°56'10	10♉45	22° 1	12°35	6°41	25°56	23°50	12°46	14° 1	15°47	2°32	3°54	13° 5	10°50	M17
T 18	13 44 12	27°54'56	25°42	24° 3	13°22	7°21	25°50	23°57	12°49	14° 0	15°48	2°25	3°51	13°12	10°53	T 18
W19	13 48 9	28°53'39	10♊16	26° 7	14°10	8° 1	25°44	24° 3	12°52	13°58	15°50	2°21	3°47	13°18	10°56	W19
T 20	13 52 5	29°52'21	24°21	28°12	14°58	8°41	25°38	24°10	12°55	13°57	15°51	2°19	3°44	13°25	10°59	T 20
F 21	13 56 2	0♉51'00	7♋57	0♉18	15°48	9°22	25°32	24°16	12°57	13°55	15°52	2°D19	3°41	13°32	11° 2	F 21
S 22	13 59 58	1°49'37	21° 6	2°25	16°38	10° 2	25°25	24°23	13° 0	13°54	15°54	2°19	3°38	13°39	11° 5	S 22
S 23	14 3 55	2°48'12	3♌52	4°32	17°28	10°42	25°19	24°29	13° 3	13°52	15°55	2°R20	3°35	13°45	11° 7	S 23
M24	14 7 52	3°46'44	16°18	6°40	18°20	11°22	25°12	24°35	13° 6	13°50	15°56	2°19	3°31	13°52	11°10	M24
T 25	14 11 48	4°45'14	28°30	8°48	19°12	12° 2	25° 6	24°42	13° 9	13°49	15°58	2°16	3°28	13°59	11°13	T 25
W26	14 15 45	5°43'42	10♍31	10°56	20° 4	12°42	24°59	24°48	13°12	13°47	15°59	2°11	3°25	14° 5	11°16	W26
T 27	14 19 41	6°42'09	22°26	13° 4	20°58	13°22	24°52	24°54	13°15	13°46	16° 0	2° 3	3°22	14°12	11°18	T 27
F 28	14 23 38	7°40'33	4♎18	15°11	21°51	14° 2	24°45	25° 0	13°18	13°44	16° 2	1°54	3°19	14°19	11°21	F 28
S 29	14 27 34	8°38'55	16°10	17°17	22°46	14°42	24°38	25° 6	13°21	13°43	16° 3	1°44	3°16	14°26	11°23	S 29
S 30	14 31 31	9♉37'15	28♎ 4	19♉22	23♓41	15♊22	24♏31	25♓12	13♊24	13♎41	16♉ 4	1♋34	3♋12	14♎32	11♓26	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n26	1n40	4n59	5s10	2s22	6s43	4n 9	19n55	0n44	18s21	1n11	4s53	1s52	22n14	0n 0	4s14	1n36	1n39	15s26	23n21	23n20	0n15	2s59	5n14
S 2	4 49	3s 3	4 49	4 29	2 22	6 43	3 58	20 6	0 45	18 21	1 11	4 50	1 52	22 14	0 0	4 13	1 36	1 40	15 26	23 22	23 20	0 12	2 57	5 14
M 3	5 12	7 40	4 27	3 48	2 21	6 43	3 48	20 15	0 45	18 20	1 11	4 48	1 52	22 15	0 0	4 12	1 36	1 40	15 26	23 22	23 21	0 9	2 56	5 14
T 4	5 35	12 2	3 53	3 6	2 19	6 42	3 37	20 25	0 46	18 19	1 12	4 45	1 52	22 15	0 0	4 12	1 36	1 41	15 26	23 22	23 21	0 6	2 55	5 14
W 5	5 58	15 58	3 8	2 23	2 17	6 40	3 27	20 35	0 46	18 18	1 12	4 42	1 52	22 15	0 0	4 11	1 36	1 41	15 26	23 23	23 21	0 4	2 53	5 15
T 6	6 20	19 17	2 14	1 38	2 14	6 37	3 16	20 44	0 46	18 17	1 12	4 40	1 52	22 16	0 0	4 10	1 36	1 42	15 25	23 23	23 21	0 1	2 52	5 15
F 7	6 43	21 47	1 13	0 53	2 11	6 33	3 6	20 53	0 47	18 16	1 12	4 37	1 52	22 16	0 0	4 10	1 36	1 42	15 25	23 23	23 21	0s 2	2 50	5 15
S 8	7 6	23 17	0 8	0 7	2 8	6 29	2 56	21 2	0 47	18 15	1 12	4 34	1 53	22 16	0 0	4 9	1 36	1 43	15 25	23 23	23 21	0 4	2 49	5 15
S 9	7 28	23 36	1s 0	0n40	2 4	6 25	2 46	21 11	0 48	18 13	1 12	4 32	1 53	22 17	0 0	4 8	1 36	1 43	15 25	23 23	23 21	0 7	2 48	5 15
M10	7 50	22 38	2 6	1 29	1 59	6 19	2 36	21 20	0 48	18 12	1 12	4 29	1 53	22 17	0 0	4 8	1 36	1 44	15 25	23 23	23 21	0 10	2 46	5 15
T 11	8 13	20 20	3 8	2 18	1 54	6 13	2 27	21 28	0 49	18 11	1 12	4 26	1 53	22 17	0 0	4 7	1 36	1 44	15 25	23 23	23 21	0 13	2 45	5 15
W12	8 35	16 45	4 0	3 7	1 49	6 7	2 17	21 37	0 49	18 10	1 12	4 24	1 53	22 18	0 0	4 6	1 36	1 44	15 25	23 23	23 22	0 15	2 44	5 15
T 13	8 56	12 4	4 38	3 58	1 43	5 59	2 8	21 45	0 50	18 9	1 12	4 21	1 53	22 18	0 0	4 6	1 36	1 45	15 24	23 23	23 22	0 18	2 42	5 16
F 14	9 18	6 33	4 59	4 49	1 36	5 52	1 59	21 53	0 50	18 7	1 12	4 19	1 53	22 18	0 0	4 5	1 36	1 45	15 24	23 23	23 22	0 21	2 41	5 16
S 15	9 40	0 33	5 0	5 41	1 29	5 43	1 50	22 0	0 50	18 6	1 12	4 16	1 53	22 19	0 0	4 5	1 36	1 46	15 24	23 24	23 22	0 23	2 40	5 16
S 16	10 1	5n32	4 39	6 33	1 21	5 34	1 41	22 8	0 51	18 5	1 12	4 14	1 54	22 19	0 0	4 4	1 36	1 46	15 24	23 24	23 22	0 26	2 38	5 16
M17	10 22	11 16	3 58	7 26	1 14	5 25	1 32	22 15	0 51	18 3	1 12	4 11	1 54	22 19	0 0	4 3	1 36	1 47	15 24	23 24	23 22	0 29	2 37	5 16
T 18	10 44	16 14	3 2	8 19	1 5	5 14	1 24	22 22	0 52	18 2	1 13	4 9	1 54	22 20	0 0	4 3	1 36	1 47	15 24	23 24	23 22	0 32	2 36	5 16
W19	11 4	20 5	1 55	9 12	0 56	5 4	1 16	22 29	0 52	18 0	1 13	4 6	1 54	22 20	0 0	4 2	1 36	1 48	15 24	23 24	23 22	0 34	2 35	5 17
T 20	11 25	22 36	0 42	10 6	0 47	4 53	1 8	22 36	0 52	17 59	1 13	4 4	1 54	22 20	0 0	4 2	1 36	1 48	15 23	23 24	23 22	0 37	2 33	5 17
F 21	11 46	23 41	0n30	10 59	0 37	4 41	1 0	22 43	0 53	17 57	1 13	4 1	1 54	22 21	0 0	4 1	1 36	1 49	15 23	23 24	23 22	0 40	2 32	5 17
S 22	12 6	23 24	1 39	11 52	0 27	4 29	0 52	22 49	0 53	17 56	1 13	3 59	1 54	22 21	0 0	4 0	1 36	1 49	15 23	23 24	23 22	0 42	2 31	5 17
S 23	12 26	21 52	2 40	12 45	0 17	4 16	0 44	22 55	0 54	17 54	1 13	3 57	1 55	22 21	0 0	4 0	1 36	1 50	15 23	23 24	23 23	0 45	2 30	5 17
M24	12 46	19 19	3 33	13 38	0 7	4 3	0 37	23 1	0 54	17 53	1 13	3 54	1 55	22 22	0 0	3 59	1 36	1 50	15 23	23 24	23 23	0 48	2 28	5 17
T 25	13 6	15 57	4 14	14 29	0n 4	3 49	0 30	23 7	0 54	17 51	1 13	3 52	1 55	22 22	0 0	3 59	1 36	1 50	15 23	23 24	23 23	0 51	2 27	5 18
W26	13 25	12 0	4 44	15 20	0 15	3 35	0 22	23 13	0 55	17 49	1 13	3 50	1 55	22 23	0 0	3 58	1 36	1 51	15 23	23 24	23 23	0 53	2 26	5 18
T 27	13 45	7 36	5 1	16 9	0 25	3 21	0 16	23 18	0 55	17 48	1 13	3 47	1 55	22 23	0 0	3 57	1 36	1 51	15 23	23 25	23 23	0 56	2 25	5 18
F 28	14 4	2 57	5 5	16 57	0 36	3 6	0 9	23 23	0 55	17 46	1 13	3 45	1 55	22 23	0 0	3 57	1 36	1 52	15 23	23 25	23 23	0 59	2 24	5 18
S 29	14 23	1s48	4 55	17 44	0 47	2 50	0 2	23 28	0 56	17 44	1 13	3 43	1 56	22 24	0 0	3 56	1 36	1 52	15 23	23 25	23 23	1 2	2 22	5 18
S 30	14n41	6s31	4n33	18n29	0n57	2s35	0s 4	23n33	0n56	17s43	1n13	3s41	1s56	22n24	0n 0	3s56	1n36	1n53	15s23	23n25	23n23	1s 4	2s21	5n19

Julian Day Number = 2492907.5, Delta T = 99.67 sec
Ecliptic obliquity = 23°25'28, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°19'21, Lahiri = 25°26'22

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ASTRODIENST EPHEMERIS for the year 2113
geocentric

MAY 2113 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 35 27	10♉35'33	10♏ 1	21♉25	24♓36	16♊ 2	24°R24	25♓18	13♊27	13°R40	16♉ 6	1°R25	3♋ 9	14♎39	11♓28	M 1
T 2	14 39 24	11°33'49	22° 3	23°27	25°32	16°42	24♏17	25°24	13°30	13♎39	16° 7	1♋17	3° 6	14°46	11°31	T 2
W 3	14 43 21	12°32'04	4♐11	25°26	26°28	17°22	24° 9	25°30	13°33	13°37	16° 8	1°12	3° 3	14°52	11°33	W 3
T 4	14 47 17	13°30'17	16°28	27°23	27°25	18° 1	24° 2	25°36	13°36	13°36	16°10	1° 8	3° 0	14°59	11°36	T 4
F 5	14 51 14	14°28'29	28°55	29°18	28°22	18°41	23°54	25°41	13°40	13°34	16°11	1°D 7	2°56	15° 6	11°38	F 5
S 6	14 55 10	15°26'39	11♑34	1♊ 9	29°20	19°21	23°47	25°47	13°43	13°33	16°13	1° 8	2°53	15°13	11°40	S 6
S 7	14 59 7	16°24'48	24°28	2°57	0♈18	20° 1	23°40	25°53	13°46	13°32	16°14	1° 9	2°50	15°19	11°42	S 7
M 8	15 3 3	17°22'55	7♒41	4°43	1°17	20°40	23°32	25°58	13°49	13°30	16°15	1°10	2°47	15°26	11°44	M 8
T 9	15 7 0	18°21'01	21°14	6°24	2°16	21°20	23°24	26° 4	13°53	13°29	16°17	1°R10	2°44	15°33	11°46	T 9
W10	15 10 56	19°19'05	5♓10	8° 3	3°15	22° 0	23°17	26° 9	13°56	13°28	16°18	1° 9	2°41	15°40	11°49	W10
T 11	15 14 53	20°17'08	19°29	9°37	4°15	22°39	23° 9	26°14	13°59	13°27	16°19	1° 6	2°37	15°46	11°51	T 11
F 12	15 18 50	21°15'10	4♈ 8	11° 9	5°15	23°19	23° 2	26°20	14° 2	13°25	16°21	1° 2	2°34	15°53	11°52	F 12
S 13	15 22 46	22°13'10	19° 2	12°36	6°15	23°59	22°54	26°25	14° 6	13°24	16°22	0°57	2°31	16° 0	11°54	S 13
S 14	15 26 43	23°11'09	4♉ 3	13°59	7°16	24°38	22°46	26°30	14° 9	13°23	16°23	0°51	2°28	16° 6	11°56	S 14
M15	15 30 39	24° 9'07	19° 3	15°19	8°17	25°18	22°39	26°35	14°12	13°22	16°25	0°46	2°25	16°13	11°58	M15
T 16	15 34 36	25° 7'03	3♊52	16°35	9°18	25°57	22°31	26°40	14°16	13°21	16°26	0°42	2°22	16°20	12° 0	T 16
W17	15 38 32	26° 4'58	18°23	17°46	10°19	26°37	22°23	26°45	14°19	13°20	16°27	0°40	2°18	16°27	12° 1	W17
T 18	15 42 29	27° 2'51	2♋30	18°54	11°21	27°16	22°16	26°50	14°23	13°18	16°29	0°D39	2°15	16°33	12° 3	T 18
F 19	15 46 25	28° 0'42	16°12	19°57	12°23	27°55	22° 8	26°55	14°26	13°17	16°30	0°40	2°12	16°40	12° 5	F 19
S 20	15 50 22	28°58'32	29°27	20°57	13°26	28°35	22° 1	26°59	14°30	13°16	16°31	0°42	2° 9	16°47	12° 6	S 20
S 21	15 54 19	29°56'20	12♌17	21°52	14°28	29°14	21°53	27° 4	14°33	13°15	16°33	0°43	2° 6	16°53	12° 8	S 21
M22	15 58 15	0♊54'06	24°48	22°43	15°31	29°54	21°46	27° 9	14°36	13°14	16°34	0°44	2° 2	17° 0	12° 9	M22
T 23	16 2 12	1°51'51	7♍ 2	23°29	16°34	0♋33	21°38	27°13	14°40	13°13	16°35	0°R44	1°59	17° 7	12°10	T 23
W24	16 6 8	2°49'34	19° 4	24°11	17°37	1°12	21°31	27°18	14°43	13°12	16°37	0°43	1°56	17°14	12°12	W24
T 25	16 10 5	3°47'16	0♎59	24°48	18°41	1°51	21°23	27°22	14°47	13°11	16°38	0°41	1°53	17°20	12°13	T 25
F 26	16 14 1	4°44'55	12°51	25°21	19°45	2°31	21°16	27°26	14°50	13°11	16°39	0°37	1°50	17°27	12°14	F 26
S 27	16 17 58	5°42'34	24°44	25°49	20°49	3°10	21° 9	27°30	14°54	13°10	16°41	0°33	1°47	17°34	12°15	S 27
S 28	16 21 54	6°40'11	6♏40	26°12	21°53	3°49	21° 2	27°35	14°57	13° 9	16°42	0°29	1°43	17°40	12°16	S 28
M29	16 25 51	7°37'47	18°43	26°31	22°57	4°28	20°55	27°39	15° 1	13° 8	16°43	0°26	1°40	17°47	12°17	M29
T 30	16 29 48	8°35'21	0♐54	26°45	24° 2	5° 7	20°48	27°43	15° 4	13° 7	16°45	0°23	1°37	17°54	12°18	T 30
W31	16 33 44	9♊32'55	13♐16	26♊54	25♈ 6	5♋47	20♏41	27♓46	15♊ 8	13♎ 7	16♉46	0♋21	1♋34	18♎ 1	12♓19	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n59	11s 1	3n59	19n11	1n 7	2s18	0s11	23n38	0n56	17s41	1n13	3s38	1s56	22n24	0n 0	3s55	1n36	1n53	15s23	23n25	23n23	1s 7	2s20	5n19
T 2	15 18	15 8	3 14	19 52	1 17	2 2	0 17	23 42	0 57	17 39	1 13	3 36	1 56	22 25	0 0	3 55	1 36	1 53	15 23	23 25	23 23	1 10	2 19	5 19
W 3	15 35	18 41	2 20	20 31	1 27	1 45	0 23	23 46	0 57	17 37	1 13	3 34	1 56	22 25	0 0	3 54	1 36	1 54	15 22	23 25	23 23	1 13	2 18	5 19
T 4	15 53	21 26	1 18	21 7	1 36	1 28	0 29	23 50	0 57	17 36	1 13	3 32	1 56	22 26	0 0	3 54	1 36	1 54	15 22	23 25	23 23	1 15	2 17	5 20
F 5	16 10	23 13	0 12	21 41	1 44	1 10	0 34	23 54	0 58	17 34	1 13	3 30	1 57	22 26	0 0	3 53	1 36	1 55	15 22	23 25	23 24	1 18	2 16	5 20
S 6	16 27	23 51	0s56	22 12	1 52	0 52	0 40	23 58	0 58	17 32	1 13	3 28	1 57	22 26	0 0	3 53	1 36	1 55	15 22	23 25	23 24	1 21	2 15	5 20
S 7	16 44	23 14	2 3	22 41	1 59	0 34	0 45	24 1	0 58	17 30	1 13	3 26	1 57	22 27	0 0	3 52	1 35	1 55	15 22	23 25	23 24	1 23	2 14	5 20
M 8	17 1	21 19	3 5	23 7	2 5	0 16	0 50	24 4	0 58	17 28	1 12	3 24	1 57	22 27	0 0	3 52	1 35	1 56	15 22	23 25	23 24	1 26	2 13	5 20
T 9	17 17	18 10	3 58	23 31	2 11	0n 3	0 55	24 7	0 59	17 27	1 12	3 22	1 57	22 28	0 1	3 51	1 35	1 56	15 22	23 25	23 24	1 29	2 12	5 21
W10	17 33	13 56	4 39	23 52	2 16	0 22	1 0	24 10	0 59	17 25	1 12	3 20	1 58	22 28	0 1	3 51	1 35	1 57	15 22	23 25	23 24	1 32	2 11	5 21
T 11	17 48	8 49	5 3	24 11	2 20	0 42	1 5	24 12	0 59	17 23	1 12	3 18	1 58	22 28	0 1	3 50	1 35	1 57	15 22	23 25	23 24	1 34	2 10	5 21
F 12	18 4	3 6	5 9	24 27	2 23	1 1	1 9	24 15	1 0	17 21	1 12	3 16	1 58	22 29	0 1	3 50	1 35	1 57	15 22	23 25	23 24	1 37	2 9	5 21
S 13	18 19	2n54	4 55	24 41	2 25	1 21	1 14	24 17	1 0	17 19	1 12	3 14	1 58	22 29	0 1	3 49	1 35	1 58	15 22	23 25	23 24	1 40	2 8	5 22
S 14	18 33	8 47	4 20	24 53	2 27	1 41	1 18	24 19	1 0	17 17	1 12	3 12	1 58	22 30	0 1	3 49	1 35	1 58	15 22	23 25	23 24	1 43	2 7	5 22
M15	18 48	14 9	3 27	25 3	2 27	2 1	1 22	24 21	1 0	17 16	1 12	3 10	1 59	22 30	0 1	3 49	1 35	1 58	15 22	23 25	23 24	1 45	2 6	5 22
T 16	19 2	18 36	2 21	25 11	2 27	2 22	1 26	24 22	1 1	17 14	1 12	3 8	1 59	22 30	0 1	3 48	1 35	1 59	15 22	23 25	23 24	1 48	2 5	5 22
W17	19 16	21 49	1 6	25 16	2 25	2 42	1 30	24 24	1 1	17 12	1 12	3 7	1 59	22 31	0 1	3 48	1 35	1 59	15 22	23 25	23 24	1 51	2 4	5 23
T 18	19 29	23 34	0n10	25 20	2 23	3 3	1 34	24 25	1 1	17 10	1 12	3 5	1 59	22 31	0 1	3 47	1 35	1 59	15 22	23 25	23 24	1 54	2 4	5 23
F 19	19 42	23 50	1 24	25 22	2 20	3 24	1 37	24 26	1 1	17 8	1 12	3 3	1 59	22 32	0 1	3 47	1 35	2 0	15 22	23 25	23 24	1 56	2 3	5 23
S 20	19 55	22 43	2 31	25 22	2 16	3 45	1 41	24 27	1 2	17 6	1 12	3 2	2 0	22 32	0 1	3 47	1 35	2 0	15 22	23 25	23 24	1 59	2 2	5 23
S 21	20 7	20 26	3 28	25 21	2 11	4 6	1 44	24 27	1 2	17 5	1 11	3 0	2 0	22 32	0 1	3 46	1 35	2 0	15 23	23 25	23 24	2 2	2 1	5 24
M22	20 20	17 14	4 14	25 18	2 5	4 28	1 47	24 28	1 2	17 3	1 11	2 58	2 0	22 33	0 1	3 46	1 35	2 1	15 23	23 25	23 25	2 5	2 0	5 24
T 23	20 31	13 22	4 47	25 13	1 57	4 49	1 50	24 28	1 2	17 1	1 11	2 57	2 0	22 33	0 1	3 45	1 35	2 1	15 23	23 25	23 25	2 8	2 0	5 24
W24	20 43	9 1	5 7	25 7	1 50	5 10	1 53	24 28	1 3	16 59	1 11	2 55	2 1	22 34	0 1	3 45	1 35	2 1	15 23	23 25	23 25	2 10	1 59	5 24
T 25	20 54	4 24	5 13	25 0	1 41	5 32	1 55	24 27	1 3	16 57	1 11	2 54	2 1	22 34	0 1	3 45	1 35	2 1	15 23	23 25	23 25	2 13	1 58	5 25
F 26	21 4	0s22	5 6	24 51	1 31	5 54	1 58	24 27	1 3	16 56	1 11	2 52	2 1	22 34	0 1	3 44	1 35	2 2	15 23	23 25	23 25	2 16	1 57	5 25
S 27	21 15	5 8	4 46	24 41	1 20	6 15	2 0	24 26	1 3	16 54	1 11	2 51	2 1	22 35	0 1	3 44	1 35	2 2	15 23	23 25	23 25	2 19	1 57	5 25
S 28	21 25	9 45	4 13	24 30	1 8	6 37	2 3	24 26	1 3	16 52	1 10	2 49	2 1	22 35	0 1	3 44	1 35	2 2	15 23	23 25	23 25	2 21	1 56	5 25
M29	21 34	14 2	3 29	24 18	0 56	6 59	2 5	24 24	1 4	16 50	1 10	2 48	2 2	22 36	0 1	3 44	1 35	2 2	15 23	23 25	23 25	2 24	1 55	5 26
T 30	21 43	17 48	2 35	24 5	0 42	7 21	2 7	24 23	1 4	16 49	1 10	2 46	2 2	22 36	0 1	3 43	1 35	2 3	15 23	23 25	23 25	2 27	1 55	5 26
W31	21n52	20s51	1n33	23n51	0n28	7n43	2s 9	24n22	1n 4	16s47	1n10	2s45	2s 2	22n36	0n 1	3s43	1n35	2n 3	15s23	23n25	23n25	2s30	1s54	5n26

Julian Day Number = 2492937.5, Delta T = 99.71 sec
Ecliptic obliquity = 23°25'28, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°19'25, Lahiri = 25°26'26

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ASTRODIENST EPHEMERIS for the year 2113
geocentric

JUNE 2113 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 41	10♊30'27	25♐48	26°R59	26♈11	6♋26	20°R34	27♓50	15♊11	13°R 6	16♉47	0°D20	1♋31	18♎ 7	12♓20	T 1
F 2	16 41 37	11°27'58	8♑32	26♊59	27°17	7° 5	20♏27	27°54	15°15	13♎ 5	16°48	0♋20	1°28	18°14	12°21	F 2
S 3	16 45 34	12°25'29	21°28	26°55	28°22	7°44	20°20	27°58	15°18	13° 4	16°50	0°21	1°24	18°21	12°22	S 3
S 4	16 49 30	13°22'58	4♒39	26°46	29°27	8°23	20°14	28° 1	15°22	13° 4	16°51	0°22	1°21	18°27	12°22	S 4
M 5	16 53 27	14°20'27	18° 4	26°33	0♉33	9° 2	20° 7	28° 5	15°26	13° 3	16°52	0°23	1°18	18°34	12°23	M 5
T 6	16 57 24	15°17'55	1♓45	26°16	1°39	9°41	20° 1	28° 8	15°29	13° 3	16°53	0°24	1°15	18°41	12°24	T 6
W 7	17 1 20	16°15'22	15°40	25°55	2°45	10°20	19°55	28°11	15°33	13° 2	16°55	0°R25	1°12	18°48	12°24	W 7
T 8	17 5 17	17°12'48	29°50	25°31	3°51	10°59	19°49	28°14	15°36	13° 2	16°56	0°24	1° 8	18°54	12°25	T 8
F 9	17 9 13	18°10'14	14♈13	25° 5	4°57	11°38	19°43	28°18	15°40	13° 1	16°57	0°23	1° 5	19° 1	12°25	F 9
S 10	17 13 10	19° 7'40	28°45	24°35	6° 4	12°17	19°37	28°21	15°43	13° 1	16°58	0°22	1° 2	19° 8	12°25	S 10
S 11	17 17 6	20° 5'04	13♉21	24° 4	7°10	12°55	19°31	28°23	15°47	13° 0	16°59	0°21	0°59	19°14	12°26	S 11
M12	17 21 3	21° 2'29	27°56	23°32	8°17	13°34	19°25	28°26	15°50	13° 0	17° 0	0°20	0°56	19°21	12°26	M12
T 13	17 24 59	21°59'52	12♊24	22°58	9°24	14°13	19°20	28°29	15°54	12°59	17° 2	0°19	0°53	19°28	12°26	T 13
W14	17 28 56	22°57'15	26°39	22°25	10°31	14°52	19°15	28°32	15°57	12°59	17° 3	0°D19	0°49	19°35	12°26	W14
T 15	17 32 53	23°54'37	10♋36	21°51	11°38	15°31	19° 9	28°34	16° 1	12°59	17° 4	0°19	0°46	19°41	12°R26	T 15
F 16	17 36 49	24°51'59	24°12	21°19	12°45	16°10	19° 4	28°37	16° 4	12°58	17° 5	0°19	0°43	19°48	12°26	F 16
S 17	17 40 46	25°49'19	7♌26	20°48	13°52	16°48	18°59	28°39	16° 8	12°58	17° 6	0°20	0°40	19°55	12°26	S 17
S 18	17 44 42	26°46'39	20°18	20°19	15° 0	17°27	18°55	28°41	16°11	12°58	17° 7	0°20	0°37	20° 2	12°26	S 18
M19	17 48 39	27°43'58	2♍51	19°52	16° 7	18° 6	18°50	28°44	16°15	12°58	17° 8	0°21	0°34	20° 8	12°26	M19
T 20	17 52 35	28°41'16	15° 8	19°28	17°15	18°45	18°45	28°46	16°18	12°58	17° 9	0°21	0°30	20°15	12°26	T 20
W21	17 56 32	29°38'33	27°12	19° 7	18°23	19°23	18°41	28°48	16°22	12°58	17°10	0°21	0°27	20°22	12°25	W21
T 22	18 0 28	0♋35'49	9♎ 8	18°50	19°30	20° 2	18°37	28°49	16°25	12°57	17°11	0°21	0°24	20°28	12°25	T 22
F 23	18 4 25	1°33'05	21° 1	18°37	20°38	20°41	18°33	28°51	16°29	12°57	17°12	0°21	0°21	20°35	12°25	F 23
S 24	18 8 22	2°30'19	2♏55	18°29	21°47	21°19	18°29	28°53	16°32	12°D57	17°14	0°21	0°18	20°42	12°24	S 24
S 25	18 12 18	3°27'34	14°54	18°D24	22°55	21°58	18°26	28°55	16°36	12°57	17°15	0°21	0°14	20°49	12°24	S 25
M26	18 16 15	4°24'48	27° 2	18°24	24° 3	22°37	18°22	28°56	16°39	12°57	17°15	0°22	0°11	20°55	12°23	M26
T 27	18 20 11	5°22'01	9♐22	18°29	25°11	23°15	18°19	28°57	16°42	12°58	17°16	0°22	0° 8	21° 2	12°22	T 27
W28	18 24 8	6°19'14	21°56	18°38	26°20	23°54	18°16	28°59	16°46	12°58	17°17	0°22	0° 5	21° 9	12°22	W28
T 29	18 28 4	7°16'26	4♑45	18°53	27°28	24°32	18°13	29° 0	16°49	12°58	17°18	0°R22	0° 2	21°15	12°21	T 29
F 30	18 32 1	8♋13'38	17♑51	19♊12	28♉37	25♋11	18♏10	29♓ 1	16♊53	12♎58	17♉19	0♋22	29♊59	21♎22	12♓20	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 1	22s56	0n25	23n37	0n13	8n 5	2s11	24n20	1n 4	16s45	1n10	2s44	2s 2	22n37	0n 1	3s43	1n35	2n 3	15s23	23n25	23n25	2s32	1s54	5n26
F 2	22 9	23 54	0s45	23 21	0s 2	8 26	2 12	24 18	1 4	16 44	1 10	2 43	2 3	22 37	0 1	3 43	1 35	2 3	15 23	23 25	23 25	2 35	1 53	5 27
S 3	22 16	23 35	1 54	23 5	0 19	8 48	2 14	24 16	1 5	16 42	1 9	2 41	2 3	22 38	0 1	3 42	1 35	2 4	15 24	23 25	23 25	2 38	1 53	5 27
S 4	22 23	21 58	2 58	22 48	0 35	9 10	2 15	24 14	1 5	16 41	1 9	2 40	2 3	22 38	0 1	3 42	1 35	2 4	15 24	23 25	23 25	2 41	1 52	5 27
M 5	22 30	19 7	3 54	22 31	0 52	9 32	2 16	24 12	1 5	16 39	1 9	2 39	2 3	22 38	0 1	3 42	1 35	2 4	15 24	23 25	23 25	2 43	1 52	5 28
T 6	22 37	15 10	4 37	22 13	1 9	9 53	2 17	24 9	1 5	16 38	1 9	2 38	2 4	22 39	0 1	3 42	1 34	2 4	15 24	23 25	23 25	2 46	1 51	5 28
W 7	22 43	10 20	5 6	21 55	1 27	10 15	2 19	24 6	1 5	16 36	1 9	2 37	2 4	22 39	0 1	3 42	1 34	2 4	15 24	23 25	23 25	2 49	1 51	5 28
T 8	22 49	4 54	5 16	21 37	1 44	10 36	2 19	24 3	1 5	16 35	1 9	2 36	2 4	22 40	0 1	3 41	1 34	2 5	15 24	23 25	23 25	2 52	1 50	5 28
F 9	22 54	0n53	5 7	21 19	2 1	10 58	2 20	24 0	1 6	16 33	1 8	2 35	2 4	22 40	0 1	3 41	1 34	2 5	15 24	23 25	23 25	2 55	1 50	5 29
S 10	22 59	6 41	4 38	21 1	2 18	11 19	2 21	23 57	1 6	16 32	1 8	2 34	2 5	22 40	0 1	3 41	1 34	2 5	15 24	23 25	23 25	2 57	1 50	5 29
S 11	23 3	12 9	3 52	20 43	2 34	11 40	2 21	23 53	1 6	16 31	1 8	2 33	2 5	22 41	0 1	3 41	1 34	2 5	15 25	23 25	23 25	3 0	1 49	5 29
M12	23 7	16 56	2 50	20 26	2 50	12 1	2 22	23 50	1 6	16 29	1 8	2 32	2 5	22 41	0 1	3 41	1 34	2 5	15 25	23 25	23 25	3 3	1 49	5 29
T 13	23 11	20 39	1 38	20 9	3 5	12 22	2 22	23 46	1 6	16 28	1 8	2 31	2 5	22 42	0 1	3 41	1 34	2 5	15 25	23 25	23 25	3 6	1 49	5 30
W14	23 14	23 3	0 20	19 54	3 19	12 43	2 22	23 42	1 6	16 27	1 7	2 30	2 6	22 42	0 1	3 41	1 34	2 6	15 25	23 25	23 25	3 8	1 48	5 30
T 15	23 17	23 57	0n57	19 39	3 32	13 3	2 22	23 37	1 6	16 26	1 7	2 30	2 6	22 42	0 1	3 41	1 34	2 6	15 25	23 25	23 25	3 11	1 48	5 30
F 16	23 19	23 22	2 9	19 25	3 44	13 23	2 22	23 33	1 7	16 24	1 7	2 29	2 6	22 43	0 1	3 41	1 34	2 6	15 25	23 25	23 25	3 14	1 48	5 31
S 17	23 22	21 29	3 11	19 12	3 55	13 44	2 22	23 28	1 7	16 23	1 7	2 28	2 6	22 43	0 1	3 41	1 34	2 6	15 26	23 25	23 25	3 17	1 47	5 31
S 18	23 23	18 33	4 3	19 1	4 4	14 3	2 22	23 23	1 7	16 22	1 6	2 27	2 7	22 43	0 1	3 40	1 34	2 6	15 26	23 25	23 25	3 19	1 47	5 31
M19	23 24	14 49	4 41	18 51	4 12	14 23	2 22	23 18	1 7	16 21	1 6	2 27	2 7	22 44	0 1	3 40	1 34	2 6	15 26	23 25	23 25	3 22	1 47	5 31
T 20	23 25	10 33	5 6	18 43	4 18	14 43	2 21	23 13	1 7	16 20	1 6	2 26	2 7	22 44	0 1	3 40	1 34	2 6	15 26	23 25	23 25	3 25	1 47	5 32
W21	23 25	5 57	5 16	18 36	4 24	15 2	2 21	23 8	1 7	16 19	1 6	2 26	2 7	22 44	0 1	3 40	1 34	2 6	15 26	23 25	23 25	3 28	1 47	5 32
T 22	23 25	1 11	5 13	18 31	4 27	15 21	2 20	23 2	1 7	16 18	1 6	2 25	2 8	22 45	0 1	3 40	1 34	2 7	15 26	23 25	23 25	3 31	1 47	5 32
F 23	23 25	3s37	4 57	18 28	4 30	15 39	2 20	22 57	1 7	16 17	1 5	2 25	2 8	22 45	0 1	3 40	1 34	2 7	15 27	23 25	23 25	3 33	1 47	5 32
S 24	23 24	8 17	4 27	18 26	4 31	15 58	2 19	22 51	1 7	16 17	1 5	2 24	2 8	22 46	0 1	3 41	1 34	2 7	15 27	23 25	23 25	3 36	1 47	5 33
S 25	23 23	12 42	3 46	18 26	4 30	16 16	2 18	22 45	1 8	16 16	1 5	2 24	2 8	22 46	0 1	3 41	1 34	2 7	15 27	23 25	23 25	3 39	1 46	5 33
M26	23 21	16 39	2 54	18 27	4 29	16 34	2 17	22 39	1 8	16 15	1 5	2 24	2 9	22 46	0 1	3 41	1 34	2 7	15 27	23 25	23 25	3 42	1 46	5 33
T 27	23 19	19 58	1 54	18 31	4 26	16 51	2 16	22 32	1 8	16 14	1 4	2 23	2 9	22 47	0 1	3 41	1 34	2 7	15 27	23 25	23 25	3 44	1 46	5 33
W28	23 16	22 24	0 47	18 35	4 22	17 8	2 15	22 26	1 8	16 14	1 4	2 23	2 9	22 47	0 1	3 41	1 33	2 7	15 28	23 25	23 25	3 47	1 46	5 34
T 29	23 13	23 45	0s24	18 41	4 17	17 25	2 13	22 19	1 8	16 13	1 4	2 23	2 10	22 47	0 1	3 41	1 33	2 7	15 28	23 25	23 25	3 50	1 47	5 34
F 30	23n10	23s49	1s35	18n49	4s11	17n41	2s12	22n12	1n 8	16s13	1n 4	2s23	2s10	22n48	0n 1	3s41	1n33	2n 7	15s28	23n25	23n25	3s53	1s47	5n34

Julian Day Number = 2492968.5, Delta T = 99.76 sec
Ecliptic obliquity = 23°25'28, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°19'30, Lahiri = 25°26'30

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ASTRODIENST EPHEMERIS for the year 2113
geocentric

JULY 2113 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 57	9♋10'51	1♒11	19♊36	29♉46	25♋50	18°R 7	29♓ 2	16♊56	12♎58	17♉20	0°R21	29♊55	21♎29	12°R19	S 1
S 2	18 39 54	10° 8'03	14°46	20° 4	0♊55	26°28	18♏ 5	29° 3	16°59	12°58	17°21	0♋20	29°52	21°36	12♓18	S 2
M 3	18 43 51	11° 5'14	28°33	20°38	2° 4	27° 7	18° 2	29° 4	17° 3	12°59	17°22	0°19	29°49	21°42	12°17	M 3
T 4	18 47 47	12° 2'26	12♓31	21°16	3°13	27°45	18° 0	29° 4	17° 6	12°59	17°23	0°18	29°46	21°49	12°16	T 4
W 5	18 51 44	12°59'38	26°36	21°59	4°22	28°24	17°58	29° 5	17° 9	12°59	17°24	0°17	29°43	21°56	12°15	W 5
T 6	18 55 40	13°56'51	10♈48	22°46	5°31	29° 2	17°56	29° 6	17°12	13° 0	17°25	0°D16	29°40	22° 2	12°14	T 6
F 7	18 59 37	14°54'03	25° 2	23°38	6°40	29°41	17°55	29° 6	17°16	13° 0	17°25	0°17	29°36	22° 9	12°13	F 7
S 8	19 3 33	15°51'16	9♉17	24°34	7°50	0♌19	17°53	29° 6	17°19	13° 0	17°26	0°17	29°33	22°16	12°12	S 8
S 9	19 7 30	16°48'30	23°30	25°35	8°59	0°57	17°52	29° 6	17°22	13° 1	17°27	0°18	29°30	22°23	12°11	S 9
M10	19 11 26	17°45'43	7♊38	26°41	10° 9	1°36	17°51	29°R 7	17°25	13° 1	17°28	0°20	29°27	22°29	12° 9	M10
T 11	19 15 23	18°42'57	21°39	27°50	11°19	2°14	17°50	29° 7	17°28	13° 2	17°28	0°20	29°24	22°36	12° 8	T 11
W12	19 19 20	19°40'11	5♋29	29° 4	12°28	2°53	17°50	29° 6	17°32	13° 3	17°29	0°R21	29°20	22°43	12° 6	W12
T 13	19 23 16	20°37'26	19° 5	0♋22	13°38	3°31	17°49	29° 6	17°35	13° 3	17°30	0°20	29°17	22°49	12° 5	T 13
F 14	19 27 13	21°34'41	2♌27	1°44	14°48	4°10	17°49	29° 6	17°38	13° 4	17°31	0°18	29°14	22°56	12° 3	F 14
S 15	19 31 9	22°31'56	15°31	3°10	15°58	4°48	17°D49	29° 6	17°41	13° 4	17°31	0°15	29°11	23° 3	12° 2	S 15
S 16	19 35 6	23°29'10	28°18	4°41	17° 8	5°26	17°49	29° 5	17°44	13° 5	17°32	0°12	29° 8	23°10	12° 0	S 16
M17	19 39 2	24°26'25	10♍49	6°15	18°18	6° 5	17°49	29° 4	17°47	13° 6	17°33	0° 8	29° 5	23°16	11°59	M17
T 18	19 42 59	25°23'40	23° 5	7°53	19°28	6°43	17°49	29° 4	17°50	13° 7	17°33	0° 4	29° 1	23°23	11°57	T 18
W19	19 46 55	26°20'56	5♎ 9	9°34	20°38	7°21	17°50	29° 3	17°53	13° 7	17°34	0° 2	28°58	23°30	11°55	W19
T 20	19 50 52	27°18'11	17° 5	11°19	21°49	8° 0	17°51	29° 2	17°56	13° 8	17°34	0° 0	28°55	23°36	11°53	T 20
F 21	19 54 49	28°15'26	28°58	13° 7	22°59	8°38	17°52	29° 1	17°59	13° 9	17°35	29°D59	28°52	23°43	11°51	F 21
S 22	19 58 45	29°12'42	10♏51	14°59	24° 9	9°16	17°53	29° 0	18° 2	13°10	17°36	0° 0	28°49	23°50	11°49	S 22
S 23	20 2 42	0♌ 9'58	22°51	16°53	25°20	9°55	17°54	28°59	18° 4	13°11	17°36	0° 2	28°46	23°56	11°48	S 23
M24	20 6 38	1° 7'14	5♐ 1	18°50	26°31	10°33	17°56	28°57	18° 7	13°12	17°37	0° 3	28°42	24° 3	11°46	M24
T 25	20 10 35	2° 4'31	17°26	20°49	27°41	11°11	17°57	28°56	18°10	13°13	17°37	0° 5	28°39	24°10	11°43	T 25
W26	20 14 31	3° 1'48	0♑ 9	22°50	28°52	11°49	17°59	28°54	18°13	13°14	17°38	0°R 5	28°36	24°17	11°41	W26
T 27	20 18 28	3°59'06	13°12	24°53	0♋ 3	12°28	18° 1	28°53	18°15	13°15	17°38	0° 5	28°33	24°23	11°39	T 27
F 28	20 22 24	4°56'24	26°37	26°57	1°14	13° 6	18° 3	28°51	18°18	13°16	17°38	0° 2	28°30	24°30	11°37	F 28
S 29	20 26 21	5°53'42	10♒22	29° 2	2°24	13°44	18° 6	28°49	18°21	13°17	17°39	29♊58	28°26	24°37	11°35	S 29
S 30	20 30 18	6°51'01	24°24	1♌ 8	3°35	14°22	18° 8	28°48	18°23	13°18	17°39	29°53	28°23	24°43	11°33	S 30
M31	20 34 14	7♌48'21	8♓39	3♌14	4♋46	15♌ 1	18♏11	28♓46	18♊26	13♎19	17♉40	29♊48	28♊20	24♎50	11♓30	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 6	22s31	2s42	18n58	4s 4	17n57	2s11	22n 5	1n 8	16s12	1n 3	2s22	2s10	22n48	0n 1	3s41	1n33	2n 7	15s28	23n25	23n25	3s56	1s47	5n34
S 2	23 2	19 55	3 42	19 8	3 56	18 13	2 9	21 58	1 8	16 12	1 3	2 22	2 10	22 48	0 1	3 41	1 33	2 7	15 29	23 25	23 25	3 58	1 47	5 35
M 3	22 58	16 10	4 29	19 19	3 48	18 28	2 8	21 50	1 8	16 11	1 3	2 22	2 11	22 49	0 1	3 41	1 33	2 7	15 29	23 25	23 25	4 1	1 47	5 35
T 4	22 53	11 29	5 1	19 30	3 38	18 43	2 6	21 43	1 8	16 11	1 3	2 22	2 11	22 49	0 1	3 42	1 33	2 7	15 29	23 25	23 25	4 4	1 47	5 35
W 5	22 47	6 10	5 15	19 43	3 28	18 58	2 4	21 35	1 8	16 11	1 2	2 22	2 11	22 49	0 1	3 42	1 33	2 7	15 29	23 25	23 25	4 7	1 47	5 35
T 6	22 42	0 30	5 11	19 56	3 18	19 12	2 3	21 27	1 8	16 10	1 2	2 22	2 11	22 50	0 1	3 42	1 33	2 7	15 30	23 25	23 25	4 10	1 47	5 36
F 7	22 36	5n14	4 47	20 10	3 7	19 26	2 1	21 19	1 9	16 10	1 2	2 22	2 12	22 50	0 1	3 42	1 33	2 7	15 30	23 25	23 25	4 12	1 48	5 36
S 8	22 29	10 41	4 6	20 24	2 55	19 39	1 59	21 11	1 9	16 10	1 2	2 22	2 12	22 50	0 1	3 42	1 33	2 7	15 30	23 25	23 25	4 15	1 48	5 36
S 9	22 22	15 34	3 10	20 38	2 43	19 52	1 57	21 3	1 9	16 10	1 1	2 23	2 12	22 51	0 1	3 43	1 33	2 7	15 30	23 25	23 25	4 18	1 48	5 36
M10	22 15	19 34	2 2	20 52	2 31	20 4	1 55	20 54	1 9	16 10	1 1	2 23	2 13	22 51	0 1	3 43	1 33	2 7	15 31	23 25	23 25	4 21	1 49	5 37
T 11	22 7	22 22	0 48	21 7	2 18	20 16	1 53	20 46	1 9	16 10	1 1	2 23	2 13	22 51	0 1	3 43	1 33	2 7	15 31	23 25	23 25	4 23	1 49	5 37
W12	21 59	23 47	0n28	21 20	2 5	20 27	1 51	20 37	1 9	16 10	1 1	2 23	2 13	22 51	0 1	3 43	1 33	2 7	15 31	23 25	23 25	4 26	1 49	5 37
T 13	21 51	23 44	1 41	21 34	1 52	20 38	1 48	20 28	1 9	16 10	1 0	2 24	2 13	22 52	0 1	3 44	1 33	2 7	15 31	23 25	23 25	4 29	1 50	5 37
F 14	21 42	22 19	2 48	21 46	1 39	20 48	1 46	20 19	1 9	16 10	1 0	2 24	2 14	22 52	0 1	3 44	1 33	2 7	15 32	23 25	23 25	4 32	1 50	5 37
S 15	21 33	19 44	3 43	21 58	1 25	20 58	1 44	20 10	1 9	16 10	1 0	2 24	2 14	22 52	0 1	3 44	1 33	2 7	15 32	23 25	23 25	4 35	1 50	5 38
S 16	21 23	16 13	4 27	22 9	1 12	21 7	1 41	20 1	1 9	16 11	1 0	2 25	2 14	22 53	0 1	3 44	1 33	2 7	15 32	23 25	23 25	4 37	1 51	5 38
M17	21 13	12 4	4 56	22 18	0 59	21 16	1 39	19 51	1 9	16 11	0 59	2 25	2 14	22 53	0 1	3 45	1 33	2 6	15 32	23 25	23 25	4 40	1 51	5 38
T 18	21 3	7 30	5 11	22 26	0 45	21 24	1 36	19 42	1 9	16 11	0 59	2 26	2 15	22 53	0 1	3 45	1 33	2 6	15 33	23 25	23 25	4 43	1 52	5 38
W19	20 52	2 44	5 12	22 32	0 32	21 32	1 34	19 32	1 9	16 12	0 59	2 27	2 15	22 53	0 1	3 45	1 33	2 6	15 33	23 25	23 25	4 46	1 52	5 38
T 20	20 41	2s 5	5 0	22 37	0 20	21 39	1 31	19 22	1 9	16 12	0 59	2 27	2 15	22 54	0 1	3 46	1 32	2 6	15 33	23 25	23 25	4 49	1 53	5 39
F 21	20 30	6 49	4 34	22 39	0 7	21 46	1 29	19 12	1 9	16 13	0 58	2 28	2 15	22 54	0 1	3 46	1 32	2 6	15 33	23 25	23 25	4 51	1 53	5 39
S 22	20 18	11 19	3 57	22 40	0n 5	21 52	1 26	19 2	1 9	16 13	0 58	2 28	2 16	22 54	0 1	3 47	1 32	2 6	15 34	23 25	23 25	4 54	1 54	5 39
S 23	20 6	15 25	3 10	22 38	0 16	21 57	1 23	18 52	1 9	16 14	0 58	2 29	2 16	22 55	0 1	3 47	1 32	2 6	15 34	23 25	23 25	4 57	1 54	5 39
M24	19 54	18 57	2 13	22 33	0 27	22 2	1 21	18 41	1 9	16 15	0 58	2 30	2 16	22 55	0 1	3 47	1 32	2 6	15 34	23 25	23 25	5 0	1 55	5 39
T 25	19 41	21 42	1 9	22 26	0 38	22 6	1 18	18 31	1 9	16 15	0 57	2 31	2 16	22 55	0 1	3 48	1 32	2 5	15 35	23 25	23 25	5 2	1 56	5 39
W26	19 28	23 26	0s 0	22 17	0 48	22 10	1 15	18 20	1 9	16 16	0 57	2 32	2 17	22 55	0 1	3 48	1 32	2 5	15 35	23 25	23 25	5 5	1 56	5 40
T 27	19 15	23 57	1 11	22 4	0 57	22 13	1 12	18 10	1 9	16 17	0 57	2 32	2 17	22 56	0 1	3 49	1 32	2 5	15 35	23 25	23 25	5 8	1 57	5 40
F 28	19 1	23 6	2 20	21 49	1 5	22 16	1 9	17 59	1 9	16 18	0 57	2 33	2 17	22 56	0 1	3 49	1 32	2 5	15 35	23 25	23 25	5 11	1 57	5 40
S 29	18 47	20 52	3 22	21 32	1 13	22 18	1 7	17 48	1 9	16 19	0 56	2 34	2 17	22 56	0 1	3 49	1 32	2 5	15 36	23 25	23 25	5 14	1 58	5 40
S 30	18 33	17 21	4 13	21 11	1 20	22 19	1 4	17 37	1 9	16 19	0 56	2 35	2 18	22 56	0 1	3 50	1 32	2 5	15 36	23 25	23 25	5 16	1 59	5 40
M31	18n18	12s47	4s49	20n49	1n26	22n20	1s 1	17n25	1n 9	16s20	0n56	2s36	2s18	22n57	0n 1	3s50	1n32	2n 4	15s36	23n25	23n25	5s19	2s 0	5n40

Julian Day Number = 2492998.5, Delta T = 99.80 sec
Ecliptic obliquity = 23°25'28, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°19'34, Lahiri = 25°26'34

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ASTRODIENST EPHEMERIS for the year 2113
geocentric

AUGUST 2113 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 11	8♌45'42	23♓ 1	5♌21	5♋58	15♌39	18♏14	28°R44	18♊29	13♎20	17♉40	29°R42	28♊17	24♎57	11°R28	T 1
W 2	20 42 7	9°43'04	7♈26	7°27	7° 9	16°17	18°17	28♓41	18°31	13°21	17°40	29♊38	28°14	25° 4	11♓26	W 2
T 3	20 46 4	10°40'27	21°49	9°33	8°20	16°55	18°20	28°39	18°34	13°23	17°41	29°34	28°11	25°10	11°23	T 3
F 4	20 50 0	11°37'51	6♉ 5	11°38	9°31	17°34	18°24	28°37	18°36	13°24	17°41	29°D33	28° 7	25°17	11°21	F 4
S 5	20 53 57	12°35'17	20°13	13°43	10°43	18°12	18°27	28°34	18°38	13°25	17°41	29°33	28° 4	25°24	11°19	S 5
S 6	20 57 53	13°32'43	4♊10	15°46	11°54	18°50	18°31	28°32	18°41	13°26	17°41	29°34	28° 1	25°30	11°16	S 6
M 7	21 1 50	14°30'11	17°57	17°48	13° 6	19°28	18°35	28°29	18°43	13°28	17°42	29°35	27°58	25°37	11°14	M 7
T 8	21 5 47	15°27'40	1♋33	19°49	14°17	20° 6	18°39	28°27	18°46	13°29	17°42	29°R36	27°55	25°44	11°11	T 8
W 9	21 9 43	16°25'11	14°58	21°49	15°29	20°45	18°43	28°24	18°48	13°30	17°42	29°35	27°52	25°51	11° 9	W 9
T 10	21 13 40	17°22'42	28°11	23°48	16°41	21°23	18°47	28°21	18°50	13°32	17°42	29°31	27°48	25°57	11° 6	T 10
F 11	21 17 36	18°20'15	11♌13	25°45	17°53	22° 1	18°52	28°18	18°52	13°33	17°42	29°26	27°45	26° 4	11° 3	F 11
S 12	21 21 33	19°17'48	24° 1	27°41	19° 4	22°39	18°57	28°15	18°54	13°35	17°42	29°19	27°42	26°11	11° 1	S 12
S 13	21 25 29	20°15'23	6♍37	29°35	20°16	23°17	19° 2	28°12	18°56	13°36	17°43	29°10	27°39	26°17	10°58	S 13
M14	21 29 26	21°12'59	19° 0	1♍27	21°28	23°56	19° 7	28° 9	18°59	13°38	17°43	29° 0	27°36	26°24	10°55	M14
T 15	21 33 22	22°10'35	1♎11	3°19	22°40	24°34	19°12	28° 6	19° 1	13°39	17°43	28°51	27°32	26°31	10°53	T 15
W16	21 37 19	23° 8'13	13°12	5° 8	23°52	25°12	19°17	28° 2	19° 3	13°41	17°43	28°43	27°29	26°37	10°50	W16
T 17	21 41 16	24° 5'52	25° 6	6°56	25° 4	25°50	19°23	27°59	19° 4	13°42	17°R43	28°37	27°26	26°44	10°47	T 17
F 18	21 45 12	25° 3'32	6♏57	8°43	26°17	26°28	19°28	27°56	19° 6	13°44	17°43	28°33	27°23	26°51	10°44	F 18
S 19	21 49 9	26° 1'13	18°48	10°29	27°29	27° 6	19°34	27°52	19° 8	13°45	17°43	28°31	27°20	26°58	10°42	S 19
S 20	21 53 5	26°58'54	0♐46	12°12	28°41	27°45	19°40	27°49	19°10	13°47	17°43	28°D31	27°17	27° 4	10°39	S 20
M21	21 57 2	27°56'37	12°55	13°55	29°54	28°23	19°46	27°45	19°12	13°49	17°43	28°32	27°13	27°11	10°36	M21
T 22	22 0 58	28°54'21	25°20	15°36	1♎ 6	29° 1	19°52	27°41	19°13	13°50	17°43	28°R32	27°10	27°18	10°33	T 22
W23	22 4 55	29°52'07	8♑ 5	17°15	2°18	29°39	19°59	27°37	19°15	13°52	17°42	28°32	27° 7	27°24	10°30	W23
T 24	22 8 51	0♍49'53	21°15	18°53	3°31	0♍17	20° 5	27°34	19°17	13°54	17°42	28°30	27° 4	27°31	10°27	T 24
F 25	22 12 48	1°47'41	4♒52	20°30	4°43	0°56	20°12	27°30	19°18	13°56	17°42	28°25	27° 1	27°38	10°25	F 25
S 26	22 16 45	2°45'29	18°54	22° 5	5°56	1°34	20°19	27°26	19°20	13°57	17°42	28°18	26°58	27°44	10°22	S 26
S 27	22 20 41	3°43'20	3♓18	23°39	7° 9	2°12	20°26	27°22	19°21	13°59	17°42	28° 9	26°54	27°51	10°19	S 27
M28	22 24 38	4°41'11	17°59	25°12	8°22	2°50	20°33	27°18	19°23	14° 1	17°42	27°59	26°51	27°58	10°16	M28
T 29	22 28 34	5°39'04	2♈48	26°43	9°34	3°28	20°40	27°14	19°24	14° 3	17°41	27°50	26°48	28° 5	10°13	T 29
W30	22 32 31	6°36'59	17°38	28°13	10°47	4° 6	20°47	27° 9	19°26	14° 5	17°41	27°41	26°45	28°11	10°10	W30
T 31	22 36 27	7♍34'56	2♉20	29♍41	12♌ 0	4♍45	20♏55	27♓ 5	19♊27	14♎ 7	17♉41	27♊35	26♊42	28♎18	10♓ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 3	7s29	5s 8	20n24	1n31	22n20	0s58	17n14	1n 9	16s22	0n56	2s37	2s18	22n57	0n 1	3s51	1n32	2n 4	15s37	23n25	23n25	5s22	2s 0	5n40
W 2	17 48	1 45	5 7	19 56	1 35	22 19	0 55	17 3	1 9	16 23	0 55	2 38	2 18	22 57	0 1	3 51	1 32	2 4	15 37	23 25	23 25	5 25	2 1	5 41
T 3	17 33	4n 3	4 47	19 27	1 39	22 18	0 52	16 51	1 9	16 24	0 55	2 39	2 19	22 57	0 1	3 52	1 32	2 4	15 37	23 25	23 25	5 28	2 2	5 41
F 4	17 17	9 37	4 9	18 55	1 42	22 16	0 49	16 39	1 9	16 25	0 55	2 41	2 19	22 57	0 1	3 52	1 32	2 4	15 37	23 25	23 25	5 30	2 3	5 41
S 5	17 1	14 38	3 17	18 22	1 44	22 14	0 46	16 28	1 9	16 26	0 55	2 42	2 19	22 58	0 1	3 53	1 32	2 3	15 38	23 25	23 25	5 33	2 3	5 41
S 6	16 45	18 47	2 13	17 47	1 45	22 11	0 43	16 16	1 9	16 27	0 54	2 43	2 19	22 58	0 1	3 53	1 32	2 3	15 38	23 25	23 25	5 36	2 4	5 41
M 7	16 28	21 50	1 3	17 10	1 46	22 7	0 40	16 4	1 9	16 29	0 54	2 44	2 20	22 58	0 1	3 54	1 32	2 3	15 38	23 25	23 25	5 39	2 5	5 41
T 8	16 11	23 36	0n11	16 32	1 46	22 3	0 37	15 52	1 9	16 30	0 54	2 45	2 20	22 58	0 1	3 55	1 32	2 3	15 39	23 25	23 24	5 42	2 6	5 41
W 9	15 54	23 57	1 22	15 53	1 45	21 58	0 34	15 40	1 9	16 31	0 54	2 47	2 20	22 58	0 1	3 55	1 32	2 2	15 39	23 25	23 24	5 44	2 7	5 41
T 10	15 37	22 55	2 28	15 13	1 44	21 52	0 31	15 27	1 9	16 33	0 53	2 48	2 20	22 59	0 1	3 56	1 32	2 2	15 39	23 25	23 24	5 47	2 8	5 41
F 11	15 19	20 41	3 25	14 32	1 42	21 46	0 28	15 15	1 9	16 34	0 53	2 49	2 20	22 59	0 1	3 56	1 32	2 2	15 40	23 25	23 24	5 50	2 9	5 42
S 12	15 2	17 26	4 10	13 50	1 40	21 39	0 25	15 2	1 9	16 36	0 53	2 51	2 21	22 59	0 1	3 57	1 32	2 2	15 40	23 25	23 24	5 53	2 10	5 42
S 13	14 43	13 27	4 43	13 7	1 37	21 32	0 22	14 50	1 9	16 37	0 53	2 52	2 21	22 59	0 1	3 58	1 32	2 1	15 40	23 25	23 24	5 56	2 10	5 42
M14	14 25	8 58	5 1	12 24	1 33	21 24	0 19	14 37	1 9	16 39	0 52	2 54	2 21	22 59	0 1	3 58	1 31	2 1	15 40	23 25	23 24	5 58	2 11	5 42
T 15	14 7	4 12	5 5	11 40	1 29	21 15	0 16	14 24	1 9	16 41	0 52	2 55	2 21	23 0	0 1	3 59	1 31	2 1	15 41	23 25	23 24	6 1	2 12	5 42
W16	13 48	0s40	4 56	10 56	1 25	21 6	0 13	14 11	1 9	16 42	0 52	2 57	2 22	23 0	0 1	3 59	1 31	2 1	15 41	23 25	23 24	6 4	2 13	5 42
T 17	13 29	5 27	4 34	10 12	1 20	20 56	0 10	13 58	1 9	16 44	0 52	2 58	2 22	23 0	0 1	4 0	1 31	2 0	15 41	23 25	23 24	6 7	2 14	5 42
F 18	13 10	10 2	4 0	9 27	1 15	20 46	0 7	13 45	1 8	16 46	0 51	3 0	2 22	23 0	0 1	4 1	1 31	2 0	15 42	23 25	23 24	6 9	2 15	5 42
S 19	12 50	14 16	3 16	8 42	1 9	20 35	0 4	13 32	1 8	16 47	0 51	3 1	2 22	23 0	0 1	4 1	1 31	2 0	15 42	23 25	23 24	6 12	2 16	5 42
S 20	12 31	17 58	2 23	7 57	1 3	20 23	0 1	13 19	1 8	16 49	0 51	3 3	2 22	23 0	0 1	4 2	1 31	1 59	15 42	23 25	23 24	6 15	2 17	5 42
M21	12 11	20 58	1 23	7 12	0 57	20 11	0n 2	13 6	1 8	16 51	0 51	3 4	2 22	23 1	0 1	4 3	1 31	1 59	15 43	23 25	23 24	6 18	2 18	5 42
T 22	11 51	23 3	0 17	6 27	0 50	19 58	0 4	12 52	1 8	16 53	0 51	3 6	2 23	23 1	0 1	4 3	1 31	1 59	15 43	23 25	23 24	6 21	2 19	5 42
W23	11 31	24 1	0s51	5 42	0 44	19 45	0 7	12 39	1 8	16 55	0 50	3 8	2 23	23 1	0 1	4 4	1 31	1 59	15 43	23 25	23 24	6 23	2 21	5 42
T 24	11 10	23 41	1 58	4 57	0 37	19 31	0 10	12 25	1 8	16 57	0 50	3 9	2 23	23 1	0 2	4 5	1 31	1 58	15 43	23 25	23 24	6 26	2 22	5 42
F 25	10 50	21 58	3 1	4 13	0 29	19 17	0 13	12 12	1 8	16 59	0 50	3 11	2 23	23 1	0 2	4 5	1 31	1 58	15 44	23 25	23 23	6 29	2 23	5 42
S 26	10 29	18 52	3 55	3 28	0 22	19 2	0 16	11 58	1 8	17 1	0 50	3 13	2 23	23 1	0 2	4 6	1 31	1 58	15 44	23 25	23 23	6 32	2 24	5 42
S 27	10 8	14 33	4 35	2 44	0 14	18 46	0 18	11 44	1 8	17 3	0 49	3 15	2 23	23 1	0 2	4 7	1 31	1 57	15 44	23 25	23 23	6 35	2 25	5 42
M28	9 47	9 19	4 58	2 0	0 7	18 30	0 21	11 31	1 8	17 5	0 49	3 16	2 24	23 2	0 2	4 8	1 31	1 57	15 45	23 25	23 23	6 37	2 26	5 42
T 29	9 26	3 30	5 1	1 17	0s 1	18 14	0 24	11 17	1 8	17 7	0 49	3 18	2 24	23 2	0 2	4 8	1 31	1 57	15 45	23 24	23 23	6 40	2 27	5 42
W30	9 5	2n32	4 45	0 34	0 10	17 56	0 26	11 3	1 8	17 9	0 49	3 20	2 24	23 2	0 2	4 9	1 31	1 56	15 45	23 24	23 23	6 43	2 28	5 42
T 31	8n43	8n22	4s 9	0s 9	0s18	17n39	0n29	10n49	1n 7	17s11	0n49	3s22	2s24	23n 2	0n 2	4s10	1n31	1n56	15s45	23n24	23n23	6s46	2s29	5n42

Julian Day Number = 2493029.5, Delta T = 99.84 sec
Ecliptic obliquity = 23°25'29, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°19'38, Lahiri = 25°26'39

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ASTRODIENST EPHEMERIS for the year 2113
geocentric

SEPTEMBER 2113 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 40 24	8♍32'54	16♉48	1♎ 9	13♌13	5♍23	21♏ 2	27°R 1	19♊28	14♎ 8	17°R41	27°R31	26♊38	28♎25	10°R 4	F 1
S 2	22 44 20	9°30'55	1♊ 0	2°34	14°26	6° 1	21°10	26♓57	19°29	14°10	17♉40	27♊29	26°35	28°31	10♓ 1	S 2
S 3	22 48 17	10°28'57	14°53	3°58	15°39	6°39	21°18	26°52	19°31	14°12	17°40	27°D29	26°32	28°38	9°58	S 3
M 4	22 52 14	11°27'01	28°29	5°21	16°52	7°17	21°26	26°48	19°32	14°14	17°40	27°R29	26°29	28°45	9°56	M 4
T 5	22 56 10	12°25'08	11♋49	6°42	18° 6	7°55	21°34	26°44	19°33	14°16	17°39	27°28	26°26	28°52	9°53	T 5
W 6	23 0 7	13°23'16	24°54	8° 2	19°19	8°34	21°42	26°39	19°34	14°18	17°39	27°26	26°23	28°58	9°50	W 6
T 7	23 4 3	14°21'26	7♌47	9°20	20°32	9°12	21°51	26°35	19°35	14°20	17°38	27°20	26°19	29° 5	9°47	T 7
F 8	23 8 0	15°19'38	20°29	10°37	21°46	9°50	21°59	26°30	19°36	14°22	17°38	27°12	26°16	29°12	9°44	F 8
S 9	23 11 56	16°17'51	3♍ 0	11°52	22°59	10°28	22° 8	26°26	19°36	14°24	17°38	27° 1	26°13	29°18	9°41	S 9
S 10	23 15 53	17°16'07	15°22	13° 5	24°12	11° 6	22°16	26°21	19°37	14°26	17°37	26°48	26°10	29°25	9°38	S 10
M11	23 19 49	18°14'24	27°34	14°16	25°26	11°45	22°25	26°17	19°38	14°28	17°37	26°35	26° 7	29°32	9°35	M11
T 12	23 23 46	19°12'43	9♎38	15°26	26°39	12°23	22°34	26°12	19°39	14°30	17°36	26°21	26° 3	29°38	9°32	T 12
W13	23 27 43	20°11'04	21°34	16°33	27°53	13° 1	22°43	26° 7	19°39	14°32	17°36	26° 9	26° 0	29°45	9°30	W13
T 14	23 31 39	21° 9'26	3♏25	17°39	29° 7	13°39	22°52	26° 3	19°40	14°34	17°35	25°59	25°57	29°52	9°27	T 14
F 15	23 35 36	22° 7'50	15°14	18°42	0♍20	14°18	23° 2	25°58	19°41	14°36	17°34	25°52	25°54	29°59	9°24	F 15
S 16	23 39 32	23° 6'16	27° 3	19°42	1°34	14°56	23°11	25°54	19°41	14°38	17°34	25°48	25°51	0♏ 5	9°21	S 16
S 17	23 43 29	24° 4'43	8♐58	20°41	2°48	15°34	23°20	25°49	19°42	14°41	17°33	25°46	25°48	0°12	9°18	S 17
M18	23 47 25	25° 3'12	21° 4	21°36	4° 2	16°12	23°30	25°44	19°42	14°43	17°33	25°45	25°44	0°19	9°15	M18
T 19	23 51 22	26° 1'43	3♑26	22°29	5°16	16°51	23°40	25°40	19°42	14°45	17°32	25°45	25°41	0°25	9°13	T 19
W20	23 55 18	27° 0'15	16° 8	23°18	6°29	17°29	23°49	25°35	19°43	14°47	17°31	25°44	25°38	0°32	9°10	W20
T 21	23 59 15	27°58'49	29°17	24° 4	7°43	18° 7	23°59	25°30	19°43	14°49	17°31	25°42	25°35	0°39	9° 7	T 21
F 22	0 3 12	28°57'24	12♒54	24°46	8°57	18°45	24° 9	25°26	19°43	14°51	17°30	25°37	25°32	0°45	9° 5	F 22
S 23	0 7 8	29°56'02	27° 1	25°25	10°11	19°24	24°19	25°21	19°43	14°53	17°29	25°29	25°29	0°52	9° 2	S 23
S 24	0 11 5	0♎54'40	11♓35	25°59	11°25	20° 2	24°30	25°17	19°43	14°56	17°29	25°19	25°25	0°59	8°59	S 24
M25	0 15 1	1°53'21	26°31	26°29	12°40	20°40	24°40	25°12	19°R43	14°58	17°28	25° 8	25°22	1° 5	8°57	M25
T 26	0 18 58	2°52'04	11♈40	26°53	13°54	21°18	24°50	25° 7	19°43	15° 0	17°27	24°57	25°19	1°12	8°54	T 26
W27	0 22 54	3°50'48	26°51	27°13	15° 8	21°57	25° 1	25° 3	19°43	15° 2	17°26	24°47	25°16	1°19	8°51	W27
T 28	0 26 51	4°49'35	11♉54	27°27	16°22	22°35	25°11	24°58	19°43	15° 4	17°26	24°40	25°13	1°26	8°49	T 28
F 29	0 30 47	5°48'24	26°40	27°34	17°36	23°13	25°22	24°54	19°43	15° 7	17°25	24°35	25° 9	1°32	8°46	F 29
S 30	0 34 44	6♎47'16	11♊ 5	27°R35	18♍51	23♍52	25♏33	24♓49	19♊43	15♎ 9	17♉24	24♊33	25♊ 6	1♏39	8♓44	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n22	13n41	3s18	0s51	0s26	17n21	0n31	10n35	1n 7	17s14	0n48	3s23	2s24	23n 2	0n 2	4s11	1n31	1n56	15s46	23n24	23n23	6s49	2s30	5n42
S 2	8 0	18 8	2 16	1 33	0 35	17 2	0 34	10 21	1 7	17 16	0 48	3 25	2 24	23 2	0 2	4 11	1 31	1 55	15 46	23 24	23 23	6 51	2 32	5 42
S 3	7 38	21 28	1 6	2 14	0 43	16 43	0 36	10 6	1 7	17 18	0 48	3 27	2 24	23 2	0 2	4 12	1 31	1 55	15 46	23 24	23 23	6 54	2 33	5 42
M 4	7 16	23 30	0n 5	2 55	0 52	16 23	0 39	9 52	1 7	17 20	0 48	3 29	2 25	23 2	0 2	4 13	1 31	1 54	15 47	23 24	23 23	6 57	2 34	5 42
T 5	6 54	24 9	1 15	3 35	1 0	16 3	0 41	9 38	1 7	17 23	0 48	3 31	2 25	23 2	0 2	4 14	1 31	1 54	15 47	23 24	23 23	7 0	2 35	5 42
W 6	6 32	23 26	2 20	4 14	1 9	15 43	0 44	9 23	1 7	17 25	0 47	3 33	2 25	23 3	0 2	4 14	1 31	1 54	15 47	23 24	23 23	7 2	2 36	5 41
T 7	6 9	21 28	3 16	4 53	1 18	15 22	0 46	9 9	1 7	17 27	0 47	3 34	2 25	23 3	0 2	4 15	1 31	1 53	15 47	23 24	23 22	7 5	2 37	5 41
F 8	5 47	18 28	4 1	5 31	1 26	15 0	0 48	8 54	1 7	17 30	0 47	3 36	2 25	23 3	0 2	4 16	1 31	1 53	15 48	23 24	23 22	7 8	2 39	5 41
S 9	5 24	14 40	4 34	6 9	1 35	14 38	0 50	8 40	1 6	17 32	0 47	3 38	2 25	23 3	0 2	4 17	1 31	1 53	15 48	23 23	23 22	7 11	2 40	5 41
S 10	5 2	10 17	4 54	6 45	1 44	14 16	0 53	8 25	1 6	17 34	0 47	3 40	2 25	23 3	0 2	4 18	1 31	1 52	15 48	23 23	23 22	7 14	2 41	5 41
M11	4 39	5 33	5 0	7 21	1 52	13 54	0 55	8 10	1 6	17 37	0 46	3 42	2 25	23 3	0 2	4 18	1 31	1 52	15 48	23 23	23 22	7 16	2 42	5 41
T 12	4 16	0 40	4 52	7 56	2 1	13 31	0 57	7 56	1 6	17 39	0 46	3 44	2 25	23 3	0 2	4 19	1 31	1 52	15 49	23 22	23 22	7 19	2 43	5 41
W13	3 53	4s12	4 31	8 29	2 9	13 7	0 59	7 41	1 6	17 42	0 46	3 46	2 25	23 3	0 2	4 20	1 31	1 51	15 49	23 22	23 22	7 22	2 44	5 41
T 14	3 30	8 54	3 59	9 2	2 17	12 43	1 1	7 26	1 6	17 44	0 46	3 48	2 25	23 3	0 2	4 21	1 31	1 51	15 49	23 22	23 22	7 25	2 46	5 41
F 15	3 7	13 15	3 17	9 34	2 25	12 19	1 2	7 11	1 6	17 47	0 46	3 50	2 26	23 3	0 2	4 22	1 31	1 50	15 50	23 22	23 22	7 28	2 47	5 40
S 16	2 44	17 8	2 25	10 4	2 33	11 55	1 4	6 56	1 6	17 49	0 46	3 52	2 26	23 3	0 2	4 22	1 31	1 50	15 50	23 21	23 22	7 30	2 48	5 40
S 17	2 21	20 20	1 28	10 34	2 41	11 30	1 6	6 42	1 5	17 52	0 45	3 53	2 26	23 3	0 2	4 23	1 31	1 50	15 50	23 21	23 21	7 33	2 49	5 40
M18	1 58	22 43	0 25	11 1	2 49	11 5	1 8	6 27	1 5	17 54	0 45	3 55	2 26	23 3	0 2	4 24	1 31	1 49	15 50	23 21	23 21	7 36	2 50	5 40
T 19	1 35	24 3	0s41	11 28	2 56	10 39	1 9	6 12	1 5	17 57	0 45	3 57	2 26	23 3	0 2	4 25	1 31	1 49	15 50	23 21	23 21	7 39	2 51	5 40
W20	1 11	24 12	1 46	11 53	3 3	10 13	1 11	5 56	1 5	18 0	0 45	3 59	2 26	23 3	0 2	4 26	1 31	1 48	15 51	23 21	23 21	7 41	2 53	5 40
T 21	0 48	23 1	2 47	12 16	3 10	9 47	1 12	5 41	1 5	18 2	0 45	4 1	2 26	23 3	0 2	4 27	1 31	1 48	15 51	23 21	23 21	7 44	2 54	5 40
F 22	0 25	20 28	3 42	12 38	3 16	9 21	1 14	5 26	1 5	18 5	0 44	4 3	2 26	23 3	0 2	4 27	1 31	1 48	15 51	23 21	23 21	7 47	2 55	5 39
S 23	0 2	16 38	4 25	12 57	3 22	8 54	1 15	5 11	1 5	18 8	0 44	4 5	2 26	23 3	0 2	4 28	1 31	1 47	15 51	23 21	23 21	7 50	2 56	5 39
S 24	0s22	11 43	4 52	13 15	3 27	8 27	1 17	4 56	1 4	18 10	0 44	4 6	2 26	23 3	0 2	4 29	1 31	1 47	15 52	23 21	23 21	7 53	2 57	5 39
M25	0 45	5 58	5 0	13 30	3 32	8 0	1 18	4 41	1 4	18 13	0 44	4 8	2 26	23 3	0 2	4 30	1 31	1 46	15 52	23 20	23 21	7 55	2 58	5 39
T 26	1 8	0n12	4 48	13 43	3 36	7 33	1 19	4 26	1 4	18 15	0 44	4 10	2 26	23 3	0 2	4 31	1 31	1 46	15 52	23 20	23 21	7 58	3 0	5 39
W27	1 32	6 22	4 15	13 53	3 40	7 5	1 20	4 10	1 4	18 18	0 44	4 12	2 26	23 3	0 2	4 32	1 31	1 46	15 52	23 19	23 20	8 1	3 1	5 38
T 28	1 55	12 9	3 25	14 1	3 42	6 38	1 21	3 55	1 4	18 21	0 43	4 14	2 26	23 3	0 2	4 32	1 31	1 45	15 52	23 19	23 20	8 4	3 2	5 38
F 29	2 18	17 6	2 22	14 5	3 44	6 10	1 22	3 40	1 4	18 24	0 43	4 16	2 26	23 3	0 2	4 33	1 31	1 45	15 53	23 19	23 20	8 7	3 3	5 38
S 30	2s42	20n55	1s11	14s 6	3s45	5n41	1n23	3n24	1n 3	18s26	0n43	4s17	2s26	23n 3	0n 2	4s34	1n31	1n44	15s53	23n19	23n20	8s 9	3s 4	5n38

Julian Day Number = 2493060.5, Delta T = 99.89 sec
Ecliptic obliquity = 23°25'29, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°19'42, Lahiri = 25°26'43

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ASTRODIENST EPHEMERIS for the year 2113
geocentric

OCTOBER 2113 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 40	7♎46'09	25♊ 5	27°R30	20♍ 5	24♍30	25♏43	24°R45	19°R42	15♎11	17°R23	24°D32	25♊ 3	1♏46	8°R42	S 1
M 2	0 42 37	8°45'05	8♋41	27♎17	21°19	25° 8	25°54	24♓40	19♊42	15°13	17♉22	24°R33	25° 0	1°52	8♓39	M 2
T 3	0 46 34	9°44'04	21°56	26°56	22°34	25°47	26° 5	24°36	19°42	15°15	17°22	24♊32	24°57	1°59	8°37	T 3
W 4	0 50 30	10°43'04	4♌52	26°28	23°48	26°25	26°16	24°32	19°41	15°18	17°21	24°30	24°54	2° 6	8°34	W 4
T 5	0 54 27	11°42'07	17°32	25°52	25° 3	27° 4	26°28	24°27	19°41	15°20	17°20	24°25	24°50	2°12	8°32	T 5
F 6	0 58 23	12°41'12	29°59	25° 9	26°17	27°42	26°39	24°23	19°40	15°22	17°19	24°17	24°47	2°19	8°30	F 6
S 7	1 2 20	13°40'19	12♍17	24°18	27°32	28°20	26°50	24°19	19°40	15°24	17°18	24° 7	24°44	2°26	8°28	S 7
S 8	1 6 16	14°39'29	24°26	23°21	28°46	28°59	27° 1	24°14	19°39	15°27	17°17	23°55	24°41	2°33	8°25	S 8
M 9	1 10 13	15°38'40	6♎28	22°18	0♎ 1	29°37	27°13	24°10	19°38	15°29	17°16	23°42	24°38	2°39	8°23	M 9
T 10	1 14 9	16°37'54	18°24	21°11	1°16	0♎16	27°24	24° 6	19°38	15°31	17°15	23°29	24°34	2°46	8°21	T 10
W11	1 18 6	17°37'09	0♏16	20° 1	2°30	0°54	27°36	24° 2	19°37	15°33	17°14	23°18	24°31	2°53	8°19	W11
T 12	1 22 3	18°36'27	12° 5	18°50	3°45	1°32	27°48	23°58	19°36	15°36	17°13	23° 8	24°28	2°59	8°17	T 12
F 13	1 25 59	19°35'46	23°54	17°39	5° 0	2°11	27°59	23°54	19°35	15°38	17°12	23° 1	24°25	3° 6	8°15	F 13
S 14	1 29 56	20°35'08	5♐44	16°32	6°15	2°49	28°11	23°50	19°34	15°40	17°11	22°57	24°22	3°13	8°13	S 14
S 15	1 33 52	21°34'31	17°40	15°29	7°30	3°28	28°23	23°46	19°33	15°42	17°10	22°D56	24°19	3°19	8°11	S 15
M16	1 37 49	22°33'57	29°46	14°32	8°44	4° 6	28°35	23°43	19°32	15°45	17° 9	22°56	24°15	3°26	8° 9	M16
T 17	1 41 45	23°33'24	12♑ 5	13°44	9°59	4°45	28°47	23°39	19°31	15°47	17° 8	22°57	24°12	3°33	8° 8	T 17
W18	1 45 42	24°32'52	24°44	13° 6	11°14	5°23	28°59	23°35	19°30	15°49	17° 7	22°R57	24° 9	3°39	8° 6	W18
T 19	1 49 38	25°32'23	7♒47	12°37	12°29	6° 2	29°11	23°32	19°29	15°51	17° 6	22°56	24° 6	3°46	8° 4	T 19
F 20	1 53 35	26°31'55	21°17	12°20	13°44	6°40	29°23	23°28	19°28	15°53	17° 5	22°53	24° 3	3°53	8° 2	F 20
S 21	1 57 32	27°31'29	5♓17	12°D14	14°59	7°19	29°35	23°25	19°26	15°56	17° 4	22°49	24° 0	4° 0	8° 1	S 21
S 22	2 1 28	28°31'05	19°46	12°19	16°14	7°57	29°48	23°21	19°25	15°58	17° 3	22°42	23°56	4° 6	7°59	S 22
M23	2 5 25	29°30'42	4♈40	12°34	17°29	8°36	0♐ 0	23°18	19°24	16° 0	17° 2	22°34	23°53	4°13	7°58	M23
T 24	2 9 21	0♏30'21	19°52	13° 0	18°44	9°14	0°12	23°15	19°22	16° 2	17° 1	22°26	23°50	4°20	7°56	T 24
W25	2 13 18	1°30'02	5♉11	13°35	19°59	9°53	0°25	23°12	19°21	16° 4	17° 0	22°18	23°47	4°26	7°55	W25
T 26	2 17 14	2°29'46	20°26	14°20	21°14	10°31	0°37	23° 9	19°19	16° 6	16°59	22°13	23°44	4°33	7°54	T 26
F 27	2 21 11	3°29'31	5♊28	15°12	22°29	11°10	0°50	23° 6	19°18	16° 9	16°58	22° 9	23°40	4°40	7°52	F 27
S 28	2 25 7	4°29'18	20° 7	16°11	23°44	11°49	1° 3	23° 3	19°16	16°11	16°57	22°D 8	23°37	4°46	7°51	S 28
S 29	2 29 4	5°29'08	4♋21	17°16	24°59	12°27	1°15	23° 0	19°15	16°13	16°56	22° 9	23°34	4°53	7°50	S 29
M30	2 33 1	6°29'00	18° 7	18°27	26°14	13° 6	1°28	22°57	19°13	16°15	16°55	22°10	23°31	5° 0	7°49	M30
T 31	2 36 57	7♏28'54	1♌26	19♎43	27♎29	13♎45	1♐41	22♓55	19♊11	16♎17	16♉53	22°R11	23♊28	5♏ 6	7♓48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 5	23n23	0n 3	14s 4	3s44	5n13	1n24	3n 9	1n 3	18s29	0n43	4s19	2s26	23n 3	0n 2	4s35	1n31	1n44	15s53	23n19	23n20	8s12	3s 5	5n37
M 2	3 28	24 23	1 14	13 57	3 42	4 44	1 25	2 54	1 3	18 32	0 43	4 21	2 26	23 3	0 2	4 36	1 31	1 44	15 53	23 19	23 20	8 15	3 6	5 37
T 3	3 51	23 56	2 20	13 47	3 39	4 16	1 26	2 38	1 3	18 34	0 43	4 23	2 26	23 3	0 2	4 37	1 31	1 43	15 53	23 19	23 20	8 18	3 7	5 37
W 4	4 14	22 13	3 16	13 32	3 34	3 47	1 26	2 23	1 3	18 37	0 42	4 24	2 26	23 3	0 2	4 38	1 31	1 43	15 54	23 19	23 20	8 20	3 8	5 37
T 5	4 37	19 24	4 2	13 13	3 28	3 18	1 27	2 7	1 2	18 40	0 42	4 26	2 26	23 3	0 2	4 38	1 31	1 42	15 54	23 18	23 19	8 23	3 10	5 36
F 6	5 1	15 45	4 35	12 49	3 20	2 49	1 27	1 52	1 2	18 43	0 42	4 28	2 26	23 3	0 2	4 39	1 31	1 42	15 54	23 18	23 19	8 26	3 11	5 36
S 7	5 23	11 30	4 55	12 21	3 9	2 20	1 28	1 37	1 2	18 45	0 42	4 29	2 26	23 3	0 2	4 40	1 31	1 42	15 54	23 18	23 19	8 29	3 12	5 36
S 8	5 46	6 49	5 2	11 49	2 57	1 50	1 28	1 21	1 2	18 48	0 42	4 31	2 26	23 3	0 2	4 41	1 31	1 41	15 54	23 17	23 19	8 31	3 13	5 36
M 9	6 9	1 56	4 54	11 12	2 44	1 21	1 29	1 6	1 2	18 51	0 42	4 32	2 26	23 3	0 2	4 42	1 31	1 41	15 54	23 16	23 19	8 34	3 14	5 35
T 10	6 32	2s59	4 34	10 33	2 28	0 51	1 29	0 50	1 1	18 54	0 42	4 34	2 25	23 3	0 2	4 43	1 31	1 41	15 55	23 16	23 19	8 37	3 15	5 35
W11	6 55	7 47	4 2	9 50	2 11	0 22	1 29	0 35	1 1	18 56	0 41	4 36	2 25	23 3	0 2	4 44	1 31	1 40	15 55	23 15	23 19	8 40	3 16	5 35
T 12	7 17	12 17	3 20	9 6	1 52	0s 8	1 29	0 19	1 1	18 59	0 41	4 37	2 25	23 3	0 2	4 44	1 31	1 40	15 55	23 15	23 19	8 43	3 17	5 35
F 13	7 40	16 20	2 28	8 21	1 33	0 37	1 29	0 4	1 1	19 2	0 41	4 39	2 25	23 3	0 2	4 45	1 31	1 39	15 55	23 14	23 18	8 45	3 18	5 34
S 14	8 2	19 46	1 31	7 36	1 12	1 7	1 29	0s12	1 1	19 5	0 41	4 40	2 25	23 3	0 2	4 46	1 31	1 39	15 55	23 14	23 18	8 48	3 19	5 34
S 15	8 24	22 23	0 28	6 53	0 52	1 36	1 29	0 27	1 0	19 7	0 41	4 41	2 25	23 3	0 2	4 47	1 31	1 39	15 55	23 14	23 18	8 51	3 20	5 34
M16	8 47	24 2	0s37	6 12	0 31	2 6	1 29	0 43	1 0	19 10	0 41	4 43	2 25	23 3	0 2	4 48	1 31	1 38	15 55	23 14	23 18	8 54	3 21	5 33
T 17	9 9	24 33	1 41	5 35	0 11	2 36	1 29	0 58	1 0	19 13	0 41	4 44	2 25	23 3	0 2	4 49	1 31	1 38	15 55	23 14	23 18	8 56	3 22	5 33
W18	9 30	23 49	2 42	5 2	0n 8	3 5	1 28	1 13	1 0	19 16	0 41	4 46	2 25	23 3	0 2	4 49	1 31	1 37	15 56	23 14	23 18	8 59	3 23	5 33
T 19	9 52	21 48	3 37	4 35	0 26	3 35	1 28	1 29	0 59	19 18	0 40	4 47	2 25	23 3	0 2	4 50	1 31	1 37	15 56	23 14	23 18	9 2	3 24	5 33
F 20	10 14	18 31	4 21	4 12	0 43	4 4	1 28	1 44	0 59	19 21	0 40	4 48	2 25	23 3	0 2	4 51	1 31	1 37	15 56	23 14	23 17	9 5	3 24	5 32
S 21	10 35	14 6	4 52	3 56	0 59	4 33	1 27	2 0	0 59	19 24	0 40	4 49	2 24	23 2	0 2	4 52	1 31	1 36	15 56	23 14	23 17	9 7	3 25	5 32
S 22	10 56	8 44	5 6	3 45	1 13	5 3	1 27	2 15	0 59	19 27	0 40	4 51	2 24	23 2	0 2	4 53	1 31	1 36	15 56	23 13	23 17	9 10	3 26	5 32
M23	11 18	2 44	4 59	3 40	1 25	5 32	1 26	2 31	0 59	19 29	0 40	4 52	2 24	23 2	0 2	4 54	1 31	1 36	15 56	23 13	23 17	9 13	3 27	5 31
T 24	11 39	3n34	4 32	3 40	1 35	6 1	1 25	2 46	0 58	19 32	0 40	4 53	2 24	23 2	0 2	4 54	1 31	1 35	15 56	23 13	23 17	9 16	3 28	5 31
W25	11 59	9 42	3 45	3 46	1 44	6 30	1 25	3 1	0 58	19 35	0 40	4 54	2 24	23 2	0 2	4 55	1 31	1 35	15 56	23 12	23 17	9 19	3 29	5 31
T 26	12 20	15 14	2 42	3 56	1 52	6 59	1 24	3 17	0 58	19 38	0 39	4 55	2 24	23 2	0 2	4 56	1 31	1 35	15 56	23 12	23 17	9 21	3 30	5 30
F 27	12 40	19 45	1 29	4 11	1 57	7 28	1 23	3 32	0 58	19 40	0 39	4 56	2 24	23 2	0 2	4 57	1 31	1 34	15 56	23 12	23 16	9 24	3 30	5 30
S 28	13 1	22 53	0 11	4 29	2 2	7 56	1 22	3 47	0 57	19 43	0 39	4 57	2 24	23 2	0 2	4 58	1 31	1 34	15 56	23 11	23 16	9 27	3 31	5 30
S 29	13 21	24 27	1n 6	4 51	2 5	8 25	1 21	4 3	0 57	19 46	0 39	4 58	2 23	23 2	0 2	4 59	1 31	1 34	15 56	23 12	23 16	9 30	3 32	5 29
M30	13 40	24 27	2 16	5 16	2 7	8 53	1 20	4 18	0 57	19 48	0 39	4 59	2 23	23 1	0 2	4 59	1 31	1 33	15 56	23 12	23 16	9 32	3 33	5 29
T 31	14s 0	23n 1	3n16	5s44	2n 8	9s21	1n19	4s33	0n56	19s51	0n39	5s 0	2s23	23n 1	0n 2	5s 0	1n31	1n33	15s57	23n12	23n16	9s35	3s33	5n29

Julian Day Number = 2493090.5, Delta T = 99.93 sec
Ecliptic obliquity = 23°25'29, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°19'47, Lahiri = 25°26'47

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ASTRODIENST EPHEMERIS for the year 2113
geocentric

NOVEMBER 2113 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 40 54	8♏28'51	14♌23	21♎ 3	28♎44	14♎23	1♐53	22°R52	19°R10	16♎19	16°R52	22°R11	23♊25	5♏13	7°R47	W 1
T 2	2 44 50	9°28'49	27° 0	22°26	29°59	15° 2	2° 6	22♓50	19♊ 8	16°21	16♉51	22♊ 9	23°21	5°20	7♓46	T 2
F 3	2 48 47	10°28'50	9♍21	23°52	1♏15	15°41	2°19	22°47	19° 6	16°23	16°50	22° 6	23°18	5°26	7°45	F 3
S 4	2 52 43	11°28'52	21°30	25°20	2°30	16°19	2°32	22°45	19° 4	16°26	16°49	22° 0	23°15	5°33	7°44	S 4
S 5	2 56 40	12°28'57	3♎31	26°50	3°45	16°58	2°45	22°43	19° 2	16°28	16°48	21°53	23°12	5°40	7°43	S 5
M 6	3 0 36	13°29'04	15°25	28°22	5° 1	17°37	2°58	22°41	19° 1	16°30	16°47	21°46	23° 9	5°47	7°42	M 6
T 7	3 4 33	14°29'13	27°17	29°56	6°16	18°15	3°11	22°39	18°59	16°32	16°46	21°39	23° 6	5°53	7°42	T 7
W 8	3 8 30	15°29'23	9♏ 7	1♏30	7°31	18°54	3°24	22°37	18°57	16°34	16°45	21°32	23° 2	6° 0	7°41	W 8
T 9	3 12 26	16°29'36	20°57	3° 5	8°46	19°33	3°37	22°35	18°55	16°36	16°43	21°27	22°59	6° 7	7°40	T 9
F 10	3 16 23	17°29'50	2♐49	4°41	10° 2	20°12	3°50	22°33	18°53	16°38	16°42	21°23	22°56	6°13	7°40	F 10
S 11	3 20 19	18°30'06	14°46	6°17	11°17	20°50	4° 3	22°32	18°50	16°40	16°41	21°21	22°53	6°20	7°40	S 11
S 12	3 24 16	19°30'24	26°48	7°53	12°32	21°29	4°16	22°30	18°48	16°42	16°40	21°D21	22°50	6°27	7°39	S 12
M13	3 28 12	20°30'43	9♑ 0	9°30	13°48	22° 8	4°29	22°29	18°46	16°44	16°39	21°22	22°46	6°33	7°39	M13
T 14	3 32 9	21°31'04	21°25	11° 7	15° 3	22°47	4°43	22°28	18°44	16°46	16°38	21°24	22°43	6°40	7°39	T 14
W15	3 36 5	22°31'26	4♒ 5	12°43	16°18	23°26	4°56	22°27	18°42	16°47	16°37	21°26	22°40	6°47	7°38	W15
T 16	3 40 2	23°31'49	17° 6	14°20	17°34	24° 4	5° 9	22°25	18°40	16°49	16°36	21°27	22°37	6°53	7°38	T 16
F 17	3 43 59	24°32'14	0♓29	15°57	18°49	24°43	5°22	22°24	18°37	16°51	16°34	21°R27	22°34	7° 0	7°38	F 17
S 18	3 47 55	25°32'40	14°17	17°33	20° 4	25°22	5°36	22°24	18°35	16°53	16°33	21°26	22°31	7° 7	7°D38	S 18
S 19	3 51 52	26°33'08	28°31	19°10	21°20	26° 1	5°49	22°23	18°33	16°55	16°32	21°23	22°27	7°13	7°38	S 19
M20	3 55 48	27°33'36	13♈ 9	20°46	22°35	26°40	6° 2	22°22	18°31	16°57	16°31	21°20	22°24	7°20	7°38	M20
T 21	3 59 45	28°34'06	28° 5	22°22	23°51	27°19	6°16	22°22	18°28	16°58	16°30	21°17	22°21	7°27	7°38	T 21
W22	4 3 41	29°34'38	13♉14	23°58	25° 6	27°58	6°29	22°21	18°26	17° 0	16°29	21°14	22°18	7°34	7°39	W22
T 23	4 7 38	0♐35'11	28°24	25°34	26°21	28°36	6°42	22°21	18°23	17° 2	16°28	21°12	22°15	7°40	7°39	T 23
F 24	4 11 34	1°35'45	13♊27	27° 9	27°37	29°15	6°56	22°21	18°21	17° 4	16°27	21°11	22°12	7°47	7°39	F 24
S 25	4 15 31	2°36'21	28°13	28°44	28°52	29°54	7° 9	22°20	18°19	17° 5	16°26	21°D11	22° 8	7°54	7°40	S 25
S 26	4 19 28	3°36'58	12♋37	0♐20	0♐ 8	0♏33	7°22	22°D20	18°16	17° 7	16°25	21°12	22° 5	8° 0	7°40	S 26
M27	4 23 24	4°37'37	26°34	1°55	1°23	1°12	7°36	22°20	18°14	17° 9	16°24	21°13	22° 2	8° 7	7°41	M27
T 28	4 27 21	5°38'18	10♌ 4	3°29	2°39	1°51	7°49	22°21	18°11	17°10	16°22	21°14	21°59	8°14	7°41	T 28
W29	4 31 17	6°39'00	23° 8	5° 4	3°54	2°30	8° 3	22°21	18° 9	17°12	16°21	21°15	21°56	8°20	7°42	W29
T 30	4 35 14	7♐39'44	5♍49	6♐39	5♐ 9	3♏ 9	8♐16	22♓21	18♊ 6	17♎14	16♉20	21°R16	21♊52	8♏27	7♓42	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s19	20n25	4n 5	6s14	2n 8	9s49	1n18	4s48	0n56	19s54	0n39	5s 1	2s23	23n 1	0n 2	5s 1	1n31	1n33	15s57	23n12	23n16	9s38	3s34	5n28
T 2	14 38	16 54	4 40	6 45	2 7	10 16	1 16	5 3	0 56	19 56	0 39	5 2	2 23	23 1	0 2	5 2	1 31	1 32	15 57	23 12	23 15	9 41	3 35	5 28
F 3	14 57	12 43	5 2	7 19	2 5	10 44	1 15	5 19	0 56	19 59	0 39	5 3	2 23	23 1	0 2	5 2	1 31	1 32	15 57	23 11	23 15	9 43	3 35	5 27
S 4	15 16	8 6	5 10	7 53	2 3	11 11	1 14	5 34	0 55	20 2	0 38	5 3	2 23	23 1	0 2	5 3	1 31	1 32	15 57	23 11	23 15	9 46	3 36	5 27
S 5	15 34	3 15	5 3	8 29	2 0	11 38	1 12	5 49	0 55	20 4	0 38	5 4	2 22	23 1	0 2	5 4	1 31	1 31	15 57	23 11	23 15	9 49	3 37	5 27
M 6	15 53	1s42	4 44	9 5	1 56	12 4	1 11	6 4	0 55	20 7	0 38	5 5	2 22	23 1	0 2	5 5	1 31	1 31	15 57	23 10	23 15	9 52	3 37	5 26
T 7	16 11	6 34	4 12	9 42	1 52	12 31	1 9	6 19	0 55	20 9	0 38	5 5	2 22	23 0	0 2	5 5	1 31	1 31	15 57	23 10	23 15	9 54	3 38	5 26
W 8	16 28	11 12	3 30	10 19	1 47	12 57	1 8	6 34	0 54	20 12	0 38	5 6	2 22	23 0	0 2	5 6	1 31	1 31	15 57	23 9	23 15	9 57	3 38	5 26
T 9	16 45	15 26	2 38	10 56	1 42	13 22	1 6	6 49	0 54	20 14	0 38	5 7	2 22	23 0	0 2	5 7	1 31	1 30	15 57	23 9	23 14	10 0	3 39	5 25
F 10	17 3	19 5	1 40	11 33	1 37	13 48	1 5	7 4	0 54	20 17	0 38	5 7	2 21	23 0	0 2	5 8	1 31	1 30	15 57	23 9	23 14	10 3	3 39	5 25
S 11	17 19	21 57	0 36	12 10	1 31	14 13	1 3	7 18	0 53	20 20	0 38	5 8	2 21	23 0	0 2	5 8	1 31	1 30	15 57	23 9	23 14	10 5	3 40	5 25
S 12	17 36	23 53	0s30	12 47	1 25	14 37	1 1	7 33	0 53	20 22	0 38	5 8	2 21	23 0	0 2	5 9	1 31	1 29	15 56	23 9	23 14	10 8	3 40	5 24
M13	17 52	24 42	1 35	13 24	1 19	15 2	0 59	7 48	0 53	20 25	0 38	5 8	2 21	22 59	0 2	5 10	1 31	1 29	15 56	23 9	23 14	10 11	3 41	5 24
T 14	18 8	24 19	2 37	14 0	1 13	15 25	0 58	8 3	0 52	20 27	0 37	5 9	2 21	22 59	0 2	5 11	1 31	1 29	15 56	23 9	23 13	10 14	3 41	5 23
W15	18 23	22 41	3 33	14 35	1 7	15 49	0 56	8 17	0 52	20 30	0 37	5 9	2 21	22 59	0 2	5 11	1 31	1 29	15 56	23 9	23 13	10 16	3 42	5 23
T 16	18 39	19 50	4 20	15 11	1 0	16 12	0 54	8 32	0 52	20 32	0 37	5 9	2 20	22 59	0 2	5 12	1 31	1 29	15 56	23 9	23 13	10 19	3 42	5 23
F 17	18 54	15 52	4 54	15 45	0 53	16 35	0 52	8 46	0 51	20 35	0 37	5 9	2 20	22 59	0 2	5 13	1 31	1 28	15 56	23 9	23 13	10 22	3 43	5 22
S 18	19 8	10 59	5 12	16 19	0 47	16 57	0 50	9 1	0 51	20 37	0 37	5 10	2 20	22 59	0 2	5 13	1 31	1 28	15 56	23 9	23 13	10 25	3 43	5 22
S 19	19 22	5 22	5 12	16 52	0 40	17 19	0 48	9 15	0 51	20 39	0 37	5 10	2 20	22 58	0 2	5 14	1 32	1 28	15 56	23 9	23 13	10 27	3 43	5 22
M20	19 36	0n42	4 52	17 24	0 33	17 40	0 46	9 30	0 50	20 42	0 37	5 10	2 20	22 58	0 2	5 15	1 32	1 28	15 56	23 9	23 12	10 30	3 44	5 21
T 21	19 50	6 52	4 12	17 56	0 26	18 1	0 44	9 44	0 50	20 44	0 37	5 10	2 19	22 58	0 2	5 15	1 32	1 27	15 56	23 8	23 12	10 33	3 44	5 21
W22	20 3	12 43	3 14	18 27	0 19	18 21	0 42	9 58	0 50	20 47	0 37	5 10	2 19	22 58	0 3	5 16	1 32	1 27	15 56	23 8	23 12	10 35	3 44	5 20
T 23	20 16	17 48	2 2	18 56	0 12	18 41	0 39	10 12	0 49	20 49	0 37	5 10	2 19	22 58	0 3	5 17	1 32	1 27	15 56	23 8	23 12	10 38	3 44	5 20
F 24	20 28	21 42	0 43	19 25	0 5	19 1	0 37	10 26	0 49	20 51	0 37	5 10	2 19	22 57	0 3	5 17	1 32	1 27	15 56	23 8	23 12	10 41	3 45	5 20
S 25	20 40	24 4	0n39	19 53	0s 1	19 19	0 35	10 40	0 49	20 53	0 36	5 10	2 19	22 57	0 3	5 18	1 32	1 27	15 55	23 8	23 11	10 44	3 45	5 19
S 26	20 52	24 45	1 56	20 20	0 8	19 38	0 33	10 54	0 48	20 56	0 36	5 9	2 18	22 57	0 3	5 18	1 32	1 27	15 55	23 8	23 11	10 46	3 45	5 19
M27	21 3	23 50	3 3	20 46	0 15	19 56	0 31	11 8	0 48	20 58	0 36	5 9	2 18	22 57	0 3	5 19	1 32	1 26	15 55	23 8	23 11	10 49	3 45	5 19
T 28	21 14	21 32	3 59	21 11	0 21	20 13	0 28	11 22	0 48	21 0	0 36	5 9	2 18	22 57	0 3	5 20	1 32	1 26	15 55	23 8	23 11	10 52	3 45	5 18
W29	21 24	18 12	4 39	21 35	0 28	20 29	0 26	11 36	0 47	21 2	0 36	5 9	2 18	22 56	0 3	5 20	1 32	1 26	15 55	23 8	23 11	10 55	3 45	5 18
T 30	21s34	14n 6	5n 5	21s58	0s34	20s45	0n24	11s49	0n47	21s 5	0n36	5s 8	2s18	22n56	0n 3	5s21	1n32	1n26	15s55	23n 8	23n11	10s57	3s45	5n17

Julian Day Number = 2493121.5, Delta T = 99.97 sec
Ecliptic obliquity = 23°25'29, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°19'51, Lahiri = 25°26'51

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ASTRODIENST EPHEMERIS for the year 2113
geocentric

DECEMBER 2113 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 39 10	8♐40'29	18♍11	8♐13	6♐25	3♏48	8♐30	22♓22	18°R 4	17♎15	16°R19	21°R16	21♊49	8♏34	7♓43	F 1
S 2	4 43 7	9°41'16	0♎19	9°48	7°40	4°27	8°43	22°22	18♊ 1	17°17	16♉18	21♊15	21°46	8°40	7°44	S 2
S 3	4 47 3	10°42'04	12°16	11°22	8°56	5° 6	8°56	22°23	17°59	17°18	16°17	21°13	21°43	8°47	7°45	S 3
M 4	4 51 0	11°42'54	24° 7	12°56	10°11	5°45	9°10	22°24	17°56	17°20	16°16	21°12	21°40	8°54	7°46	M 4
T 5	4 54 57	12°43'45	5♏57	14°30	11°27	6°25	9°23	22°25	17°54	17°21	16°15	21°11	21°37	9° 0	7°47	T 5
W 6	4 58 53	13°44'37	17°47	16° 4	12°42	7° 4	9°37	22°26	17°51	17°23	16°14	21°10	21°33	9° 7	7°48	W 6
T 7	5 2 50	14°45'31	29°40	17°38	13°58	7°43	9°50	22°27	17°49	17°24	16°13	21° 9	21°30	9°14	7°49	T 7
F 8	5 6 46	15°46'26	11♑40	19°13	15°13	8°22	10° 4	22°28	17°46	17°25	16°12	21° 8	21°27	9°20	7°50	F 8
S 9	5 10 43	16°47'22	23°47	20°47	16°29	9° 1	10°17	22°30	17°44	17°27	16°11	21°D 8	21°24	9°27	7°51	S 9
S 10	5 14 39	17°48'19	6♑ 3	22°21	17°44	9°40	10°30	22°31	17°41	17°28	16°10	21° 8	21°21	9°34	7°53	S 10
M11	5 18 36	18°49'16	18°30	23°55	19° 0	10°19	10°44	22°33	17°38	17°29	16°10	21° 9	21°18	9°40	7°54	M11
T 12	5 22 32	19°50'15	1♒ 9	25°29	20°15	10°58	10°57	22°35	17°36	17°31	16° 9	21° 9	21°14	9°47	7°55	T 12
W13	5 26 29	20°51'14	14° 2	27° 3	21°31	11°38	11°11	22°36	17°33	17°32	16° 8	21°R 9	21°11	9°54	7°57	W13
T 14	5 30 26	21°52'14	27°10	28°37	22°46	12°17	11°24	22°38	17°31	17°33	16° 7	21° 9	21° 8	10° 1	7°58	T 14
F 15	5 34 22	22°53'14	10♓35	0♑12	24° 2	12°56	11°37	22°40	17°28	17°34	16° 6	21° 9	21° 5	10° 7	8° 0	F 15
S 16	5 38 19	23°54'15	24°18	1°46	25°17	13°35	11°51	22°42	17°26	17°35	16° 5	21°D 9	21° 2	10°14	8° 1	S 16
S 17	5 42 15	24°55'16	8♈18	3°21	26°33	14°14	12° 4	22°45	17°23	17°36	16° 4	21° 9	20°58	10°21	8° 3	S 17
M18	5 46 12	25°56'18	22°36	4°55	27°48	14°54	12°17	22°47	17°21	17°38	16° 3	21° 9	20°55	10°27	8° 5	M18
T 19	5 50 8	26°57'20	7♉ 9	6°30	29° 4	15°33	12°30	22°49	17°18	17°39	16° 3	21°10	20°52	10°34	8° 7	T 19
W20	5 54 5	27°58'23	21°52	8° 4	0♑19	16°12	12°44	22°52	17°16	17°40	16° 2	21°10	20°49	10°41	8° 8	W20
T 21	5 58 2	28°59'26	6♊40	9°39	1°35	16°51	12°57	22°54	17°13	17°41	16° 1	21°11	20°46	10°47	8°10	T 21
F 22	6 1 58	0♑ 0'29	21°26	11°13	2°50	17°31	13°10	22°57	17°11	17°42	16° 0	21°R11	20°43	10°54	8°12	F 22
S 23	6 5 55	1° 1'33	6♋ 2	12°48	4° 6	18°10	13°23	23° 0	17° 8	17°43	15°59	21°11	20°39	11° 1	8°14	S 23
S 24	6 9 51	2° 2'38	20°23	14°22	5°21	18°49	13°36	23° 3	17° 6	17°43	15°59	21°10	20°36	11° 7	8°16	S 24
M25	6 13 48	3° 3'43	4♌22	15°56	6°37	19°28	13°49	23° 6	17° 3	17°44	15°58	21° 8	20°33	11°14	8°18	M25
T 26	6 17 44	4° 4'49	17°58	17°30	7°52	20° 8	14° 2	23° 9	17° 1	17°45	15°57	21° 7	20°30	11°21	8°20	T 26
W27	6 21 41	5° 5'55	1♍ 9	19° 4	9° 7	20°47	14°15	23°12	16°59	17°46	15°57	21° 5	20°27	11°27	8°23	W27
T 28	6 25 37	6° 7'02	13°56	20°37	10°23	21°26	14°28	23°15	16°56	17°47	15°56	21° 3	20°24	11°34	8°25	T 28
F 29	6 29 34	7° 8'09	26°23	22°10	11°38	22° 6	14°41	23°19	16°54	17°47	15°55	21° 2	20°20	11°41	8°27	F 29
S 30	6 33 31	8° 9'17	8♎33	23°42	12°54	22°45	14°54	23°22	16°52	17°48	15°55	21°D 2	20°17	11°47	8°30	S 30
S 31	6 37 27	9♑10'25	20♎31	25♑13	14♑ 9	23♏25	15♐ 7	23♓26	16♊49	17♎49	15♉54	21♊ 2	20♊14	11♏54	8♓32	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s44	9n31	5n16	22s20	0s41	21s 1	0n21	12s 3	0n46	21s 7	0n36	5s 8	2s17	22n56	0n 3	5s21	1n32	1n26	15s55	23n 8	23n10	11s 0	3s46	5n17
S 2	21 53	4 40	5 13	22 41	0 47	21 16	0 19	12 17	0 46	21 9	0 36	5 7	2 17	22 56	0 3	5 22	1 32	1 26	15 55	23 8	23 10	11 3	3 46	5 17
S 3	22 2	0s18	4 56	23 0	0 53	21 30	0 17	12 30	0 46	21 11	0 36	5 7	2 17	22 56	0 3	5 22	1 32	1 26	15 54	23 8	23 10	11 5	3 46	5 16
M 4	22 11	5 13	4 26	23 19	0 59	21 44	0 14	12 43	0 45	21 13	0 36	5 6	2 17	22 55	0 3	5 23	1 32	1 25	15 54	23 8	23 10	11 8	3 46	5 16
T 5	22 19	9 57	3 45	23 36	1 5	21 57	0 12	12 57	0 45	21 15	0 36	5 6	2 17	22 55	0 3	5 23	1 32	1 25	15 54	23 8	23 10	11 11	3 46	5 16
W 6	22 26	14 19	2 55	23 52	1 11	22 9	0 10	13 10	0 44	21 17	0 36	5 5	2 16	22 55	0 3	5 24	1 32	1 25	15 54	23 8	23 9	11 14	3 46	5 15
T 7	22 33	18 10	1 56	24 7	1 16	22 21	0 7	13 23	0 44	21 20	0 36	5 5	2 16	22 55	0 3	5 24	1 32	1 25	15 54	23 8	23 9	11 16	3 45	5 15
F 8	22 40	21 18	0 52	24 20	1 21	22 32	0 5	13 36	0 44	21 22	0 36	5 4	2 16	22 54	0 3	5 25	1 32	1 25	15 54	23 8	23 9	11 19	3 45	5 15
S 9	22 46	23 31	0s15	24 33	1 27	22 42	0 2	13 49	0 43	21 24	0 35	5 3	2 16	22 54	0 3	5 25	1 32	1 25	15 53	23 8	23 9	11 22	3 45	5 14
S 10	22 52	24 39	1 22	24 44	1 32	22 51	0 0	14 1	0 43	21 26	0 35	5 3	2 16	22 54	0 3	5 26	1 32	1 25	15 53	23 8	23 9	11 24	3 45	5 14
M11	22 57	24 34	2 26	24 53	1 36	23 0	0s 2	14 14	0 42	21 28	0 35	5 2	2 15	22 54	0 3	5 26	1 32	1 25	15 53	23 8	23 8	11 27	3 45	5 13
T 12	23 2	23 13	3 25	25 2	1 41	23 9	0 5	14 27	0 42	21 29	0 35	5 1	2 15	22 54	0 3	5 27	1 33	1 25	15 53	23 8	23 8	11 30	3 45	5 13
W13	23 7	20 39	4 14	25 9	1 45	23 16	0 7	14 39	0 41	21 31	0 35	5 0	2 15	22 53	0 3	5 27	1 33	1 25	15 53	23 8	23 8	11 33	3 45	5 13
T 14	23 11	16 59	4 50	25 14	1 49	23 23	0 10	14 52	0 41	21 33	0 35	4 59	2 15	22 53	0 3	5 27	1 33	1 25	15 52	23 8	23 8	11 35	3 44	5 12
F 15	23 14	12 24	5 12	25 18	1 53	23 29	0 12	15 4	0 41	21 35	0 35	4 58	2 15	22 53	0 3	5 28	1 33	1 25	15 52	23 8	23 7	11 38	3 44	5 12
S 16	23 17	7 7	5 17	25 21	1 56	23 35	0 14	15 16	0 40	21 37	0 35	4 57	2 14	22 53	0 3	5 28	1 33	1 25	15 52	23 8	23 7	11 41	3 44	5 12
S 17	23 20	1 22	5 4	25 23	2 0	23 39	0 17	15 28	0 40	21 39	0 35	4 56	2 14	22 52	0 3	5 29	1 33	1 25	15 52	23 8	23 7	11 43	3 44	5 11
M18	23 22	4n35	4 31	25 22	2 3	23 43	0 19	15 40	0 39	21 41	0 35	4 55	2 14	22 52	0 3	5 29	1 33	1 25	15 51	23 8	23 7	11 46	3 43	5 11
T 19	23 23	10 24	3 41	25 21	2 5	23 47	0 21	15 52	0 39	21 42	0 35	4 54	2 14	22 52	0 3	5 29	1 33	1 25	15 51	23 8	23 7	11 49	3 43	5 11
W20	23 25	15 43	2 36	25 18	2 7	23 49	0 24	16 4	0 38	21 44	0 35	4 53	2 14	22 52	0 3	5 30	1 33	1 25	15 51	23 8	23 6	11 52	3 43	5 10
T 21	23 25	20 6	1 20	25 13	2 9	23 51	0 26	16 15	0 38	21 46	0 35	4 51	2 13	22 51	0 3	5 30	1 33	1 25	15 51	23 8	23 6	11 54	3 42	5 10
F 22	23 25	23 10	0n 1	25 7	2 11	23 52	0 28	16 27	0 37	21 47	0 35	4 50	2 13	22 51	0 3	5 30	1 33	1 25	15 50	23 8	23 6	11 57	3 42	5 10
S 23	23 25	24 39	1 22	25 0	2 12	23 52	0 30	16 38	0 37	21 49	0 35	4 49	2 13	22 51	0 3	5 31	1 33	1 25	15 50	23 8	23 6	12 0	3 41	5 9
S 24	23 25	24 26	2 35	24 51	2 13	23 52	0 33	16 50	0 36	21 51	0 35	4 47	2 13	22 51	0 3	5 31	1 33	1 25	15 50	23 8	23 6	12 2	3 41	5 9
M25	23 23	22 40	3 37	24 40	2 13	23 51	0 35	17 1	0 36	21 52	0 35	4 46	2 13	22 51	0 3	5 31	1 33	1 25	15 50	23 8	23 5	12 5	3 40	5 9
T 26	23 22	19 38	4 25	24 28	2 13	23 49	0 37	17 12	0 35	21 54	0 34	4 45	2 12	22 50	0 3	5 31	1 33	1 25	15 49	23 8	23 5	12 8	3 40	5 8
W27	23 20	15 42	4 58	24 15	2 12	23 46	0 39	17 23	0 35	21 56	0 34	4 43	2 12	22 50	0 3	5 32	1 33	1 25	15 49	23 7	23 5	12 10	3 39	5 8
T 28	23 17	11 9	5 14	24 0	2 11	23 42	0 41	17 34	0 34	21 57	0 34	4 42	2 12	22 50	0 3	5 32	1 33	1 25	15 49	23 7	23 5	12 13	3 39	5 8
F 29	23 14	6 15	5 15	23 43	2 9	23 38	0 44	17 44	0 34	21 59	0 34	4 40	2 12	22 50	0 3	5 32	1 33	1 25	15 49	23 7	23 4	12 16	3 38	5 7
S 30	23 10	1 14	5 2	23 25	2 7	23 33	0 46	17 55	0 33	22 0	0 34	4 39	2 12	22 49	0 3	5 32	1 34	1 25	15 48	23 7	23 4	12 18	3 38	5 7
S 31	23s 6	3s45	4n36	23s 6	2s 4	23s28	0s48	18s 5	0n33	22s 2	0n34	4s37	2s11	22n49	0n 3	5s33	1n34	1n25	15s48	23n 7	23n 4	12s21	3s37	5n 7

Julian Day Number = 2493151.5, Delta T = 100.02 sec
Ecliptic obliquity = 23°25'29, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°19'55, Lahiri = 25°26'55

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ASTRODIENST EPHEMERIS for the year 2114
geocentric

JANUARY 2114 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 41 24	10♑11'34	2♏22	26♑43	15♑25	24♏ 4	15♐20	23♓29	16°R47	17♎49	15°R53	21♊ 3	20♊11	12♏ 1	8♓34	M 1
T 2	6 45 20	11°12'44	14°11	28°12	16°40	24°43	15°33	23°33	16♊45	17°50	15♉53	21° 5	20° 8	12° 7	8°37	T 2
W 3	6 49 17	12°13'54	26° 2	29°40	17°56	25°23	15°46	23°37	16°42	17°51	15°52	21° 7	20° 4	12°14	8°39	W 3
T 4	6 53 13	13°15'04	7♐59	1♒ 5	19°11	26° 2	15°58	23°41	16°40	17°51	15°52	21° 8	20° 1	12°21	8°42	T 4
F 5	6 57 10	14°16'14	20° 6	2°28	20°27	26°42	16°11	23°45	16°38	17°52	15°51	21°R 9	19°58	12°27	8°45	F 5
S 6	7 1 6	15°17'24	2♑25	3°49	21°42	27°21	16°24	23°49	16°36	17°52	15°51	21° 8	19°55	12°34	8°47	S 6
S 7	7 5 3	16°18'35	14°58	5° 6	22°58	28° 1	16°36	23°53	16°34	17°53	15°50	21° 6	19°52	12°41	8°50	S 7
M 8	7 9 0	17°19'46	27°46	6°19	24°13	28°40	16°49	23°58	16°32	17°53	15°50	21° 3	19°49	12°47	8°53	M 8
T 9	7 12 56	18°20'56	10♒48	7°28	25°28	29°20	17° 1	24° 2	16°30	17°53	15°49	20°59	19°45	12°54	8°55	T 9
W10	7 16 53	19°22'06	24° 3	8°32	26°44	29°59	17°14	24° 6	16°28	17°54	15°49	20°54	19°42	13° 1	8°58	W10
T 11	7 20 49	20°23'16	7♓32	9°30	27°59	0♐39	17°26	24°11	16°26	17°54	15°48	20°50	19°39	13° 7	9° 1	T 11
F 12	7 24 46	21°24'25	21°12	10°22	29°15	1°18	17°38	24°16	16°24	17°54	15°48	20°46	19°36	13°14	9° 4	F 12
S 13	7 28 42	22°25'33	5♈ 2	11° 5	0♒30	1°58	17°51	24°20	16°22	17°54	15°48	20°43	19°33	13°21	9° 7	S 13
S 14	7 32 39	23°26'41	19° 0	11°40	1°46	2°37	18° 3	24°25	16°20	17°55	15°47	20°D42	19°30	13°27	9°10	S 14
M15	7 36 35	24°27'49	3♉ 7	12° 6	3° 1	3°17	18°15	24°30	16°18	17°55	15°47	20°42	19°26	13°34	9°13	M15
T 16	7 40 32	25°28'56	17°19	12°22	4°16	3°56	18°27	24°35	16°16	17°55	15°47	20°43	19°23	13°41	9°16	T 16
W17	7 44 29	26°30'02	1♊37	12°R26	5°32	4°36	18°39	24°40	16°14	17°55	15°46	20°45	19°20	13°47	9°19	W17
T 18	7 48 25	27°31'08	15°56	12°19	6°47	5°15	18°51	24°45	16°13	17°55	15°46	20°R46	19°17	13°54	9°22	T 18
F 19	7 52 22	28°32'12	0♋13	12° 1	8° 2	5°55	19° 3	24°50	16°11	17°R55	15°46	20°45	19°14	14° 1	9°25	F 19
S 20	7 56 18	29°33'17	14°25	11°30	9°18	6°34	19°15	24°55	16° 9	17°55	15°46	20°43	19°10	14° 8	9°29	S 20
S 21	8 0 15	0♒34'20	28°27	10°49	10°33	7°14	19°26	25° 1	16° 8	17°55	15°45	20°39	19° 7	14°14	9°32	S 21
M22	8 4 11	1°35'23	12♌14	9°57	11°48	7°54	19°38	25° 6	16° 6	17°55	15°45	20°33	19° 4	14°21	9°35	M22
T 23	8 8 8	2°36'26	25°44	8°56	13° 4	8°33	19°50	25°11	16° 4	17°55	15°45	20°26	19° 1	14°28	9°38	T 23
W24	8 12 5	3°37'27	8♍53	7°48	14°19	9°13	20° 1	25°17	16° 3	17°55	15°45	20°18	18°58	14°34	9°42	W24
T 25	8 16 1	4°38'29	21°41	6°35	15°34	9°52	20°13	25°22	16° 1	17°55	15°45	20°11	18°55	14°41	9°45	T 25
F 26	8 19 58	5°39'29	4♎10	5°18	16°49	10°32	20°24	25°28	16° 0	17°54	15°45	20° 4	18°51	14°48	9°48	F 26
S 27	8 23 54	6°40'29	16°23	4° 2	18° 5	11°12	20°35	25°34	15°59	17°54	15°45	20° 0	18°48	14°54	9°52	S 27
S 28	8 27 51	7°41'29	28°22	2°47	19°20	11°51	20°47	25°40	15°57	17°54	15°45	19°58	18°45	15° 1	9°55	S 28
M29	8 31 47	8°42'28	10♏14	1°35	20°35	12°31	20°58	25°45	15°56	17°53	15°45	19°D57	18°42	15° 8	9°59	M29
T 30	8 35 44	9°43'27	22° 3	0°29	21°50	13°11	21° 9	25°51	15°55	17°53	15°D45	19°58	18°39	15°14	10° 2	T 30
W31	8 39 40	10♒44'25	3♐54	29♑30	23♒ 6	13♐50	21♐20	25♓57	15♊54	17♎53	15♉45	19♊59	18♊36	15♏21	10♓ 6	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 2	8s34	3n58	22s45	2s 0	23s22	0s50	18s15	0n32	22s 3	0n34	4s36	2s11	22n49	0n 3	5s33	1n34	1n26	15s48	23n 7	23n 4	12s24	3s37	5n 6
T 2	22 57	13 3	3 10	22 23	1 55	23 14	0 52	18 26	0 32	22 5	0 34	4 34	2 11	22 49	0 3	5 33	1 34	1 26	15 47	23 8	23 3	12 26	3 36	5 6
W 3	22 52	17 5	2 14	22 0	1 50	23 7	0 54	18 36	0 31	22 6	0 34	4 32	2 11	22 49	0 3	5 33	1 34	1 26	15 47	23 8	23 3	12 29	3 35	5 6
T 4	22 46	20 27	1 12	21 36	1 44	22 58	0 56	18 45	0 31	22 7	0 34	4 30	2 11	22 48	0 3	5 33	1 34	1 26	15 47	23 8	23 3	12 32	3 35	5 6
F 5	22 40	22 58	0 6	21 11	1 37	22 49	0 57	18 55	0 30	22 9	0 34	4 29	2 11	22 48	0 3	5 33	1 34	1 26	15 47	23 8	23 3	12 35	3 34	5 5
S 6	22 33	24 26	1s 2	20 44	1 30	22 39	0 59	19 5	0 29	22 10	0 34	4 27	2 10	22 48	0 3	5 34	1 34	1 26	15 46	23 8	23 3	12 37	3 33	5 5
S 7	22 26	24 42	2 7	20 18	1 21	22 29	1 1	19 14	0 29	22 11	0 34	4 25	2 10	22 48	0 3	5 34	1 34	1 26	15 46	23 8	23 2	12 40	3 33	5 5
M 8	22 18	23 40	3 8	19 50	1 12	22 17	1 3	19 23	0 28	22 13	0 34	4 23	2 10	22 48	0 3	5 34	1 34	1 27	15 46	23 7	23 2	12 43	3 32	5 4
T 9	22 10	21 21	3 59	19 22	1 1	22 5	1 5	19 33	0 28	22 14	0 34	4 21	2 10	22 47	0 3	5 34	1 34	1 27	15 45	23 7	23 2	12 45	3 31	5 4
W10	22 2	17 53	4 39	18 55	0 49	21 53	1 6	19 42	0 27	22 15	0 34	4 19	2 10	22 47	0 3	5 34	1 34	1 27	15 45	23 7	23 2	12 48	3 30	5 4
T 11	21 53	13 27	5 4	18 27	0 37	21 40	1 8	19 50	0 27	22 16	0 34	4 18	2 10	22 47	0 3	5 34	1 34	1 27	15 45	23 6	23 1	12 51	3 29	5 4
F 12	21 43	8 17	5 13	18 0	0 23	21 26	1 9	19 59	0 26	22 17	0 34	4 16	2 9	22 47	0 3	5 34	1 34	1 27	15 44	23 6	23 1	12 53	3 29	5 3
S 13	21 34	2 38	5 3	17 34	0 8	21 11	1 11	20 8	0 25	22 19	0 34	4 14	2 9	22 47	0 3	5 34	1 34	1 28	15 44	23 6	23 1	12 56	3 28	5 3
S 14	21 23	3n11	4 35	17 9	0n 7	20 56	1 12	20 16	0 25	22 20	0 34	4 12	2 9	22 46	0 3	5 34	1 34	1 28	15 44	23 6	23 1	12 58	3 27	5 3
M15	21 13	8 55	3 51	16 46	0 24	20 40	1 14	20 24	0 24	22 21	0 34	4 9	2 9	22 46	0 3	5 34	1 34	1 28	15 43	23 6	23 0	13 1	3 26	5 2
T 16	21 2	14 14	2 52	16 25	0 41	20 24	1 15	20 32	0 23	22 22	0 34	4 7	2 9	22 46	0 3	5 34	1 35	1 28	15 43	23 6	23 0	13 4	3 25	5 2
W17	20 50	18 48	1 43	16 7	0 59	20 7	1 16	20 40	0 23	22 23	0 34	4 5	2 9	22 46	0 3	5 34	1 35	1 29	15 43	23 6	23 0	13 6	3 24	5 2
T 18	20 39	22 15	0 26	15 51	1 18	19 49	1 18	20 48	0 22	22 24	0 34	4 3	2 8	22 46	0 3	5 34	1 35	1 29	15 42	23 6	23 0	13 9	3 23	5 2
F 19	20 26	24 17	0n51	15 38	1 36	19 31	1 19	20 56	0 22	22 25	0 34	4 1	2 8	22 46	0 3	5 34	1 35	1 29	15 42	23 6	22 59	13 12	3 22	5 1
S 20	20 14	24 43	2 5	15 29	1 55	19 12	1 20	21 3	0 21	22 26	0 34	3 59	2 8	22 45	0 3	5 34	1 35	1 29	15 42	23 6	22 59	13 14	3 21	5 1
S 21	20 1	23 34	3 10	15 23	2 13	18 53	1 21	21 10	0 20	22 27	0 34	3 56	2 8	22 45	0 3	5 34	1 35	1 30	15 41	23 6	22 59	13 17	3 20	5 1
M22	19 48	21 0	4 3	15 20	2 30	18 33	1 22	21 17	0 20	22 28	0 34	3 54	2 8	22 45	0 3	5 34	1 35	1 30	15 41	23 5	22 59	13 20	3 19	5 1
T 23	19 34	17 20	4 41	15 21	2 45	18 13	1 23	21 24	0 19	22 29	0 34	3 52	2 8	22 45	0 3	5 34	1 35	1 30	15 41	23 5	22 58	13 22	3 18	5 1
W24	19 20	12 55	5 3	15 25	2 59	17 52	1 24	21 31	0 18	22 30	0 33	3 50	2 8	22 45	0 3	5 34	1 35	1 30	15 40	23 4	22 58	13 25	3 17	5 0
T 25	19 5	8 1	5 9	15 32	3 11	17 31	1 25	21 38	0 18	22 30	0 33	3 47	2 8	22 45	0 3	5 33	1 35	1 31	15 40	23 4	22 58	13 28	3 16	5 0
F 26	18 51	2 56	5 0	15 41	3 21	17 9	1 26	21 44	0 17	22 31	0 33	3 45	2 7	22 44	0 3	5 33	1 35	1 31	15 40	23 3	22 57	13 30	3 15	5 0
S 27	18 36	2s10	4 37	15 52	3 28	16 46	1 26	21 50	0 16	22 32	0 33	3 43	2 7	22 44	0 3	5 33	1 35	1 31	15 39	23 3	22 57	13 33	3 14	5 0
S 28	18 20	7 7	4 2	16 5	3 32	16 23	1 27	21 56	0 15	22 33	0 33	3 40	2 7	22 44	0 3	5 33	1 35	1 32	15 39	23 3	22 57	13 35	3 13	4 59
M29	18 4	11 45	3 18	16 19	3 34	16 0	1 28	22 2	0 15	22 34	0 33	3 38	2 7	22 44	0 3	5 33	1 35	1 32	15 39	23 3	22 57	13 38	3 12	4 59
T 30	17 48	15 56	2 25	16 33	3 34	15 37	1 28	22 8	0 14	22 34	0 33	3 35	2 7	22 44	0 3	5 33	1 35	1 32	15 38	23 3	22 56	13 41	3 11	4 59
W31	17s32	19s31	1n26	16s48	3n31	15s12	1s29	22s14	0n13	22s35	0n33	3s33	2s 7	22n44	0n 3	5s32	1n35	1n33	15s38	23n 3	22n56	13s43	3s10	4n59

Julian Day Number = 2493182.5, Delta T = 100.06 sec
Ecliptic obliquity = 23°25'29, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°19'59, Lahiri = 25°27'00

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ASTRODIENST EPHEMERIS for the year 2114
geocentric

FEBRUARY 2114 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 37	11♒45'22	15♐53	28°R39	24♒21	14♐30	21♐31	26♓ 3	15°R53	17°R52	15♉45	20°R 0	18♊32	15♏28	10♓ 9	T 1
F 2	8 47 33	12°46'19	28° 4	27♑56	25°36	15°10	21°41	26° 9	15♊51	17♎52	15°45	20♊ 0	18°29	15°34	10°13	F 2
S 3	8 51 30	13°47'14	10♑32	27°22	26°51	15°50	21°52	26°15	15°50	17°51	15°45	19°57	18°26	15°41	10°16	S 3
S 4	8 55 27	14°48'09	23°18	26°56	28° 6	16°29	22° 3	26°22	15°49	17°51	15°45	19°53	18°23	15°48	10°20	S 4
M 5	8 59 23	15°49'03	6♒25	26°40	29°21	17° 9	22°13	26°28	15°48	17°50	15°45	19°46	18°20	15°54	10°24	M 5
T 6	9 3 20	16°49'56	19°51	26°31	0♓37	17°49	22°23	26°34	15°48	17°50	15°45	19°36	18°16	16° 1	10°27	T 6
W 7	9 7 16	17°50'48	3♓34	26°D30	1°52	18°28	22°34	26°40	15°47	17°49	15°45	19°26	18°13	16° 8	10°31	W 7
T 8	9 11 13	18°51'38	17°30	26°36	3° 7	19° 8	22°44	26°47	15°46	17°48	15°46	19°16	18°10	16°14	10°35	T 8
F 9	9 15 9	19°52'27	1♈36	26°50	4°22	19°48	22°54	26°53	15°45	17°48	15°46	19° 7	18° 7	16°21	10°39	F 9
S 10	9 19 6	20°53'15	15°46	27° 9	5°37	20°28	23° 4	27° 0	15°45	17°47	15°46	19° 0	18° 4	16°28	10°42	S 10
S 11	9 23 2	21°54'01	29°58	27°35	6°52	21° 7	23°14	27° 6	15°44	17°46	15°46	18°55	18° 1	16°34	10°46	S 11
M12	9 26 59	22°54'45	14♉ 7	28° 6	8° 7	21°47	23°24	27°13	15°43	17°46	15°47	18°53	17°57	16°41	10°50	M12
T 13	9 30 56	23°55'28	28°14	28°42	9°22	22°27	23°33	27°19	15°43	17°45	15°47	18°D53	17°54	16°48	10°54	T 13
W14	9 34 52	24°56'10	12♊15	29°22	10°37	23° 7	23°43	27°26	15°42	17°44	15°47	18°R53	17°51	16°54	10°57	W14
T 15	9 38 49	25°56'49	26°12	0♒ 7	11°52	23°46	23°52	27°33	15°42	17°43	15°48	18°53	17°48	17° 1	11° 1	T 15
F 16	9 42 45	26°57'28	10♋ 3	0°55	13° 7	24°26	24° 2	27°40	15°42	17°42	15°48	18°52	17°45	17° 8	11° 5	F 16
S 17	9 46 42	27°58'04	23°47	1°47	14°21	25° 6	24°11	27°46	15°41	17°41	15°48	18°47	17°42	17°14	11° 9	S 17
S 18	9 50 38	28°58'39	7♌23	2°42	15°36	25°46	24°20	27°53	15°41	17°40	15°49	18°40	17°38	17°21	11°13	S 18
M19	9 54 35	29°59'12	20°47	3°40	16°51	26°25	24°29	28° 0	15°41	17°39	15°49	18°30	17°35	17°28	11°17	M19
T 20	9 58 32	0♓59'44	3♍59	4°41	18° 6	27° 5	24°38	28° 7	15°41	17°38	15°50	18°18	17°32	17°34	11°20	T 20
W21	10 2 28	2° 0'14	16°55	5°44	19°21	27°45	24°47	28°14	15°40	17°37	15°50	18° 5	17°29	17°41	11°24	W21
T 22	10 6 25	3° 0'42	29°36	6°50	20°35	28°25	24°55	28°21	15°40	17°36	15°51	17°52	17°26	17°48	11°28	T 22
F 23	10 10 21	4° 1'09	12♎ 1	7°58	21°50	29° 4	25° 4	28°28	15°D40	17°35	15°51	17°41	17°22	17°54	11°32	F 23
S 24	10 14 18	5° 1'35	24°11	9° 8	23° 5	29°44	25°12	28°35	15°40	17°34	15°52	17°32	17°19	18° 1	11°36	S 24
S 25	10 18 14	6° 1'59	6♏10	10°20	24°20	0♑24	25°21	28°42	15°41	17°33	15°52	17°25	17°16	18° 8	11°40	S 25
M26	10 22 11	7° 2'22	18° 1	11°33	25°34	1° 4	25°29	28°49	15°41	17°32	15°53	17°22	17°13	18°14	11°44	M26
T 27	10 26 7	8° 2'44	29°50	12°49	26°49	1°44	25°37	28°56	15°41	17°31	15°53	17°20	17°10	18°21	11°48	T 27
W28	10 30 4	9♓ 3'04	11♐40	14♒ 6	28♓ 3	2♑23	25♐44	29♓ 3	15♊41	17♎30	15♉54	17♊20	17♊ 7	18♏28	11♓52	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s15	22s19	0n22	17s 2	3n27	14s48	1s29	22s19	0n13	22s36	0n33	3s30	2s 7	22n44	0n 3	5s32	1n35	1n33	15s38	23n 3	22n56	13s46	3s 9	4n59
F 2	16 58	24 8	0s43	17 17	3 21	14 23	1 29	22 24	0 12	22 37	0 33	3 28	2 7	22 44	0 3	5 32	1 36	1 33	15 37	23 3	22 56	13 49	3 7	4 58
S 3	16 41	24 48	1 48	17 31	3 13	13 57	1 30	22 29	0 11	22 37	0 33	3 25	2 6	22 44	0 3	5 32	1 36	1 34	15 37	23 3	22 55	13 51	3 6	4 58
S 4	16 23	24 11	2 49	17 44	3 5	13 32	1 30	22 34	0 10	22 38	0 33	3 23	2 6	22 43	0 3	5 31	1 36	1 34	15 37	23 2	22 55	13 54	3 5	4 58
M 5	16 5	22 15	3 42	17 57	2 55	13 6	1 30	22 39	0 9	22 39	0 33	3 20	2 6	22 43	0 3	5 31	1 36	1 34	15 36	23 2	22 55	13 56	3 4	4 58
T 6	15 47	19 2	4 25	18 9	2 45	12 39	1 30	22 43	0 9	22 39	0 33	3 18	2 6	22 43	0 3	5 31	1 36	1 35	15 36	23 1	22 54	13 59	3 3	4 58
W 7	15 28	14 44	4 53	18 20	2 34	12 12	1 30	22 48	0 8	22 40	0 33	3 15	2 6	22 43	0 3	5 31	1 36	1 35	15 36	23 0	22 54	14 2	3 1	4 58
T 8	15 10	9 36	5 4	18 30	2 22	11 45	1 30	22 52	0 7	22 40	0 33	3 12	2 6	22 43	0 3	5 30	1 36	1 36	15 35	22 59	22 54	14 4	3 0	4 57
F 9	14 51	3 54	4 57	18 38	2 11	11 18	1 30	22 56	0 6	22 41	0 33	3 10	2 6	22 43	0 3	5 30	1 36	1 36	15 35	22 59	22 54	14 7	2 59	4 57
S 10	14 31	2n 1	4 32	18 46	1 59	10 50	1 30	22 59	0 6	22 41	0 33	3 7	2 6	22 43	0 3	5 30	1 36	1 36	15 35	22 58	22 53	14 10	2 58	4 57
S 11	14 12	7 52	3 50	18 53	1 47	10 22	1 29	23 3	0 5	22 42	0 33	3 4	2 6	22 43	0 3	5 29	1 36	1 37	15 34	22 58	22 53	14 12	2 56	4 57
M12	13 52	13 18	2 54	18 58	1 35	9 54	1 29	23 6	0 4	22 42	0 33	3 2	2 6	22 43	0 3	5 29	1 36	1 37	15 34	22 58	22 53	14 15	2 55	4 57
T 13	13 32	18 0	1 48	19 3	1 24	9 25	1 29	23 10	0 3	22 43	0 33	2 59	2 5	22 43	0 3	5 29	1 36	1 38	15 33	22 58	22 52	14 17	2 54	4 57
W14	13 12	21 40	0 35	19 6	1 12	8 57	1 28	23 13	0 2	22 43	0 33	2 56	2 5	22 43	0 3	5 28	1 36	1 38	15 33	22 58	22 52	14 20	2 53	4 57
T 15	12 52	24 1	0n39	19 7	1 1	8 28	1 28	23 15	0 1	22 44	0 33	2 53	2 5	22 43	0 3	5 28	1 36	1 38	15 33	22 58	22 52	14 23	2 51	4 56
F 16	12 31	24 52	1 50	19 8	0 50	7 58	1 27	23 18	0 0	22 44	0 33	2 51	2 5	22 43	0 3	5 28	1 36	1 39	15 32	22 57	22 52	14 25	2 50	4 56
S 17	12 10	24 11	2 54	19 7	0 39	7 29	1 26	23 20	0s 0	22 45	0 33	2 48	2 5	22 43	0 3	5 27	1 36	1 39	15 32	22 57	22 51	14 28	2 49	4 56
S 18	11 49	22 5	3 47	19 5	0 28	6 59	1 26	23 23	0 1	22 45	0 33	2 45	2 5	22 43	0 3	5 27	1 36	1 40	15 32	22 56	22 51	14 30	2 47	4 56
M19	11 28	18 46	4 27	19 2	0 18	6 29	1 25	23 25	0 2	22 45	0 33	2 42	2 5	22 43	0 3	5 26	1 36	1 40	15 31	22 56	22 51	14 33	2 46	4 56
T 20	11 7	14 34	4 52	18 58	0 8	5 59	1 24	23 27	0 3	22 46	0 33	2 40	2 5	22 43	0 3	5 26	1 36	1 41	15 31	22 55	22 50	14 35	2 45	4 56
W21	10 45	9 47	5 1	18 52	0s 2	5 29	1 23	23 28	0 4	22 46	0 33	2 37	2 5	22 43	0 3	5 26	1 36	1 41	15 31	22 53	22 50	14 38	2 43	4 56
T 22	10 24	4 40	4 55	18 45	0 12	4 59	1 22	23 30	0 5	22 47	0 33	2 34	2 5	22 43	0 3	5 25	1 37	1 41	15 30	22 52	22 50	14 41	2 42	4 56
F 23	10 2	0s32	4 35	18 36	0 21	4 29	1 21	23 31	0 6	22 47	0 33	2 31	2 5	22 43	0 3	5 25	1 37	1 42	15 30	22 51	22 50	14 43	2 40	4 56
S 24	9 40	5 37	4 2	18 27	0 30	3 58	1 20	23 32	0 7	22 47	0 33	2 28	2 5	22 43	0 3	5 24	1 37	1 42	15 30	22 50	22 49	14 46	2 39	4 56
S 25	9 18	10 25	3 20	18 16	0 39	3 27	1 19	23 33	0 8	22 47	0 33	2 25	2 5	22 43	0 3	5 24	1 37	1 43	15 29	22 50	22 49	14 48	2 38	4 55
M26	8 55	14 48	2 29	18 3	0 47	2 57	1 17	23 34	0 9	22 48	0 33	2 23	2 5	22 43	0 3	5 23	1 37	1 43	15 29	22 50	22 49	14 51	2 36	4 55
T 27	8 33	18 37	1 31	17 50	0 55	2 26	1 16	23 34	0 10	22 48	0 33	2 20	2 5	22 43	0 3	5 23	1 37	1 44	15 29	22 49	22 48	14 53	2 35	4 55
W28	8s10	21s40	0n30	17s35	1s 2	1s55	1s15	23s35	0s11	22s48	0n33	2s17	2s 5	22n43	0n 3	5s22	1n37	1n44	15s29	22n49	22n48	14s56	2s33	4n55

Julian Day Number = 2493213.5, Delta T = 100.10 sec
Ecliptic obliquity = 23°25'30, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°20'03, Lahiri = 25°27'04

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ASTRODIENST EPHEMERIS for the year 2114
geocentric

MARCH 2114 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 0	10♓ 3'23	23♐38	15♒24	29♓18	3♑ 3	25♐52	29♓11	15♊42	17°R28	15♉55	17°R20	17♊ 3	18♏34	11♓55	T 1
F 2	10 37 57	11° 3'40	5♑50	16°45	0♈32	3°43	26° 0	29°18	15°42	17♎27	15°55	17♊19	17° 0	18°41	11°59	F 2
S 3	10 41 54	12° 3'56	18°20	18° 6	1°47	4°23	26° 7	29°25	15°42	17°26	15°56	17°16	16°57	18°47	12° 3	S 3
S 4	10 45 50	13° 4'10	1♒13	19°29	3° 1	5° 3	26°15	29°32	15°43	17°25	15°57	17°10	16°54	18°54	12° 7	S 4
M 5	10 49 47	14° 4'23	14°30	20°53	4°16	5°42	26°22	29°40	15°43	17°23	15°57	17° 2	16°51	19° 1	12°11	M 5
T 6	10 53 43	15° 4'34	28°12	22°19	5°30	6°22	26°29	29°47	15°44	17°22	15°58	16°51	16°47	19° 7	12°15	T 6
W 7	10 57 40	16° 4'43	12♓16	23°46	6°45	7° 2	26°36	29°54	15°45	17°21	15°59	16°39	16°44	19°14	12°19	W 7
T 8	11 1 36	17° 4'51	26°39	25°14	7°59	7°42	26°42	0♈ 2	15°45	17°19	16° 0	16°26	16°41	19°21	12°23	T 8
F 9	11 5 33	18° 4'56	11♈12	26°43	9°13	8°22	26°49	0° 9	15°46	17°18	16° 0	16°15	16°38	19°27	12°27	F 9
S 10	11 9 29	19° 5'00	25°50	28°13	10°28	9° 1	26°55	0°16	15°47	17°17	16° 1	16° 6	16°35	19°34	12°31	S 10
S 11	11 13 26	20° 5'01	10♉24	29°45	11°42	9°41	27° 2	0°24	15°48	17°15	16° 2	16° 0	16°32	19°41	12°34	S 11
M12	11 17 23	21° 5'01	24°50	1♓18	12°56	10°21	27° 8	0°31	15°49	17°14	16° 3	15°57	16°28	19°47	12°38	M12
T 13	11 21 19	22° 4'58	9♊ 5	2°52	14°10	11° 1	27°14	0°39	15°50	17°12	16° 4	15°56	16°25	19°54	12°42	T 13
W14	11 25 16	23° 4'53	23° 6	4°27	15°24	11°40	27°20	0°46	15°51	17°11	16° 4	15°56	16°22	20° 1	12°46	W14
T 15	11 29 12	24° 4'46	6♋54	6° 3	16°38	12°20	27°25	0°53	15°52	17° 9	16° 5	15°55	16°19	20° 7	12°50	T 15
F 16	11 33 9	25° 4'37	20°30	7°41	17°52	13° 0	27°31	1° 1	15°53	17° 8	16° 6	15°53	16°16	20°14	12°54	F 16
S 17	11 37 5	26° 4'25	3♌54	9°19	19° 6	13°40	27°36	1° 8	15°54	17° 6	16° 7	15°49	16°13	20°21	12°58	S 17
S 18	11 41 2	27° 4'11	17° 6	10°59	20°20	14°19	27°41	1°16	15°55	17° 5	16° 8	15°41	16° 9	20°27	13° 1	S 18
M19	11 44 58	28° 3'55	0♍ 7	12°40	21°34	14°59	27°46	1°23	15°56	17° 3	16° 9	15°31	16° 6	20°34	13° 5	M19
T 20	11 48 55	29° 3'37	12°57	14°23	22°48	15°39	27°51	1°31	15°58	17° 2	16°10	15°19	16° 3	20°41	13° 9	T 20
W21	11 52 52	0♈ 3'16	25°35	16° 6	24° 2	16°18	27°56	1°38	15°59	17° 0	16°11	15° 6	16° 0	20°47	13°13	W21
T 22	11 56 48	1° 2'54	8♎ 2	17°51	25°16	16°58	28° 0	1°46	16° 0	16°59	16°12	14°53	15°57	20°54	13°17	T 22
F 23	12 0 45	2° 2'30	20°16	19°37	26°30	17°38	28° 5	1°53	16° 2	16°57	16°13	14°41	15°53	21° 1	13°20	F 23
S 24	12 4 41	3° 2'04	2♏20	21°24	27°43	18°17	28° 9	2° 1	16° 3	16°56	16°14	14°31	15°50	21° 7	13°24	S 24
S 25	12 8 38	4° 1'36	14°15	23°13	28°57	18°57	28°13	2° 8	16° 5	16°54	16°15	14°25	15°47	21°14	13°28	S 25
M26	12 12 34	5° 1'06	26° 5	25° 2	0♑11	19°37	28°17	2°15	16° 7	16°52	16°16	14°21	15°44	21°21	13°32	M26
T 27	12 16 31	6° 0'34	7♐52	26°53	1°24	20°16	28°20	2°23	16° 8	16°51	16°17	14°19	15°41	21°27	13°35	T 27
W28	12 20 27	7° 0'01	19°42	28°46	2°38	20°56	28°24	2°30	16°10	16°49	16°18	14°D19	15°38	21°34	13°39	W28
T 29	12 24 24	7°59'26	1♑39	0♈40	3°51	21°36	28°27	2°38	16°12	16°47	16°19	14°19	15°34	21°41	13°43	T 29
F 30	12 28 21	8°58'49	13°49	2°34	5° 5	22°15	28°30	2°45	16°13	16°46	16°20	14°R19	15°31	21°47	13°46	F 30
S 31	12 32 17	9♈58'10	26♑17	4♈31	6♑18	22♑55	28♐33	2♈53	16♊15	16♎44	16♉22	14♊18	15♊28	21♏54	13♓50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s48	23s50	0s33	17s19	1s 9	1s24	1s13	23s35	0s12	22s49	0n33	2s14	2s 5	22n43	0n 3	5s22	1n37	1n45	15s28	22n49	22n48	14s59	2s32	4n55
F 2	7 25	24 54	1 36	17 1	1 16	0 53	1 12	23 35	0 12	22 49	0 33	2 11	2 4	22 43	0 3	5 21	1 37	1 45	15 28	22 49	22 47	15 1	2 31	4 55
S 3	7 2	24 45	2 36	16 43	1 23	0 22	1 10	23 35	0 13	22 49	0 33	2 8	2 4	22 43	0 3	5 21	1 37	1 46	15 28	22 49	22 47	15 4	2 29	4 55
S 4	6 39	23 17	3 30	16 23	1 29	0n 9	1 8	23 34	0 15	22 49	0 33	2 5	2 4	22 43	0 3	5 20	1 37	1 46	15 27	22 48	22 47	15 6	2 28	4 55
M 5	6 16	20 31	4 14	16 1	1 35	0 40	1 7	23 34	0 16	22 49	0 33	2 2	2 4	22 43	0 3	5 20	1 37	1 47	15 27	22 48	22 47	15 9	2 26	4 55
T 6	5 53	16 32	4 45	15 39	1 40	1 11	1 5	23 33	0 17	22 50	0 33	1 59	2 4	22 43	0 3	5 19	1 37	1 47	15 27	22 47	22 46	15 11	2 25	4 55
W 7	5 29	11 34	4 59	15 15	1 45	1 42	1 3	23 32	0 18	22 50	0 33	1 56	2 4	22 43	0 3	5 19	1 37	1 48	15 26	22 45	22 46	15 14	2 23	4 55
T 8	5 6	5 51	4 56	14 50	1 50	2 13	1 1	23 31	0 19	22 50	0 33	1 53	2 4	22 43	0 3	5 18	1 37	1 48	15 26	22 44	22 46	15 16	2 22	4 55
F 9	4 43	0n15	4 33	14 24	1 54	2 44	1 0	23 29	0 20	22 50	0 33	1 50	2 4	22 43	0 3	5 18	1 37	1 48	15 26	22 43	22 45	15 19	2 21	4 55
S 10	4 19	6 22	3 52	13 56	1 58	3 15	0 58	23 28	0 21	22 50	0 33	1 48	2 4	22 43	0 3	5 17	1 37	1 49	15 26	22 42	22 45	15 22	2 19	4 55
S 11	3 56	12 9	2 56	13 27	2 2	3 46	0 56	23 26	0 22	22 50	0 33	1 45	2 4	22 43	0 3	5 16	1 37	1 49	15 25	22 41	22 45	15 24	2 18	4 55
M12	3 32	17 12	1 49	12 57	2 5	4 17	0 53	23 24	0 23	22 51	0 33	1 42	2 4	22 44	0 3	5 16	1 37	1 50	15 25	22 41	22 44	15 27	2 16	4 55
T 13	3 8	21 12	0 36	12 26	2 8	4 48	0 51	23 22	0 24	22 51	0 33	1 39	2 4	22 44	0 3	5 15	1 37	1 50	15 25	22 41	22 44	15 29	2 15	4 55
W14	2 45	23 53	0n38	11 53	2 10	5 18	0 49	23 20	0 25	22 51	0 33	1 36	2 4	22 44	0 3	5 15	1 37	1 51	15 24	22 41	22 44	15 32	2 13	4 55
T 15	2 21	25 3	1 49	11 20	2 12	5 49	0 47	23 17	0 26	22 51	0 33	1 33	2 4	22 44	0 3	5 14	1 37	1 51	15 24	22 41	22 43	15 34	2 12	4 55
F 16	1 57	24 42	2 52	10 45	2 13	6 19	0 45	23 15	0 27	22 51	0 33	1 30	2 4	22 44	0 3	5 14	1 37	1 52	15 24	22 41	22 43	15 37	2 10	4 55
S 17	1 34	22 54	3 45	10 9	2 14	6 49	0 42	23 12	0 29	22 51	0 33	1 27	2 4	22 44	0 3	5 13	1 37	1 52	15 24	22 40	22 43	15 39	2 9	4 55
S 18	1 10	19 54	4 25	9 31	2 15	7 19	0 40	23 9	0 30	22 51	0 33	1 24	2 4	22 44	0 3	5 12	1 37	1 53	15 23	22 39	22 42	15 42	2 7	4 55
M19	0 46	15 57	4 50	8 53	2 15	7 49	0 38	23 6	0 31	22 51	0 33	1 21	2 4	22 44	0 3	5 12	1 37	1 53	15 23	22 38	22 42	15 44	2 6	4 55
T 20	0 22	11 19	5 0	8 13	2 15	8 19	0 35	23 2	0 32	22 51	0 33	1 18	2 4	22 45	0 3	5 11	1 37	1 54	15 23	22 37	22 42	15 47	2 5	4 55
W21	0n 1	6 17	4 56	7 32	2 14	8 49	0 33	22 59	0 33	22 51	0 33	1 15	2 4	22 45	0 3	5 11	1 37	1 54	15 23	22 36	22 41	15 49	2 3	4 55
T 22	0 25	1 4	4 37	6 50	2 13	9 18	0 30	22 55	0 34	22 51	0 33	1 12	2 4	22 45	0 3	5 10	1 37	1 55	15 22	22 34	22 41	15 52	2 2	4 55
F 23	0 49	4s 7	4 6	6 7	2 11	9 47	0 28	22 51	0 36	22 52	0 33	1 9	2 4	22 45	0 3	5 9	1 38	1 55	15 22	22 33	22 41	15 54	2 0	4 55
S 24	1 12	9 5	3 23	5 23	2 9	10 16	0 25	22 47	0 37	22 52	0 33	1 6	2 4	22 45	0 3	5 9	1 38	1 56	15 22	22 32	22 40	15 57	1 59	4 55
S 25	1 36	13 41	2 33	4 38	2 6	10 45	0 22	22 43	0 38	22 52	0 33	1 3	2 4	22 45	0 3	5 8	1 38	1 56	15 22	22 31	22 40	15 59	1 57	4 55
M26	2 0	17 43	1 36	3 51	2 3	11 13	0 20	22 38	0 39	22 52	0 33	1 0	2 4	22 46	0 3	5 7	1 38	1 57	15 21	22 30	22 40	16 2	1 56	4 55
T 27	2 23	21 3	0 34	3 4	2 0	11 41	0 17	22 34	0 41	22 52	0 33	0 57	2 5	22 46	0 4	5 7	1 38	1 57	15 21	22 30	22 39	16 4	1 54	4 55
W28	2 47	23 30	0s29	2 15	1 55	12 9	0 14	22 29	0 42	22 52	0 33	0 55	2 5	22 46	0 4	5 6	1 38	1 58	15 21	22 30	22 39	16 7	1 53	4 55
T 29	3 10	24 56	1 31	1 26	1 51	12 37	0 12	22 24	0 43	22 52	0 33	0 52	2 5	22 46	0 4	5 6	1 38	1 58	15 21	22 30	22 39	16 9	1 52	4 55
F 30	3 33	25 12	2 31	0 36	1 46	13 4	0 9	22 19	0 44	22 52	0 33	0 49	2 5	22 46	0 4	5 5	1 38	1 59	15 20	22 30	22 38	16 12	1 50	4 55
S 31	3n57	24s14	3s24	0n16	1s40	13n31	0s 6	22s14	0s46	22s52	0n33	0s46	2s 5	22n46	0n 4	5s 4	1n38	1n59	15s20	22n30	22n38	16s14	1s49	4n55

Julian Day Number = 2493241.5, Delta T = 100.14 sec
Ecliptic obliquity = 23°25'30, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°20'07, Lahiri = 25°27'08

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ASTRODIENST EPHEMERIS for the year 2114
geocentric

APRIL 2114 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 14	10♈57'30	9♒ 8	6♈28	7♉31	23♋34	28♐36	3♈ 0	16♊17	16°R43	16♉23	14°R15	15♊25	22♏ 1	13♓53	S 1
M 2	12 40 10	11°56'47	22°26	8°27	8°45	24°14	28°39	3° 8	16°19	16♎41	16°24	14♊ 9	15°22	22° 7	13°57	M 2
T 3	12 44 7	12°56'03	6♓12	10°27	9°58	24°54	28°41	3°15	16°21	16°39	16°25	14° 1	15°18	22°14	14° 0	T 3
W 4	12 48 3	13°55'17	20°25	12°28	11°11	25°33	28°43	3°22	16°23	16°38	16°26	13°52	15°15	22°21	14° 4	W 4
T 5	12 52 0	14°54'29	5♈ 2	14°30	12°24	26°13	28°45	3°30	16°25	16°36	16°27	13°42	15°12	22°27	14° 7	T 5
F 6	12 55 56	15°53'39	19°54	16°33	13°37	26°52	28°47	3°37	16°27	16°34	16°29	13°33	15° 9	22°34	14°11	F 6
S 7	12 59 53	16°52'48	4♉54	18°36	14°50	27°31	28°49	3°45	16°29	16°33	16°30	13°26	15° 6	22°41	14°14	S 7
S 8	13 3 49	17°51'54	19°52	20°41	16° 3	28°11	28°50	3°52	16°31	16°31	16°31	13°22	15° 3	22°47	14°18	S 8
M 9	13 7 46	18°50'57	4♊41	22°45	17°16	28°50	28°52	3°59	16°34	16°29	16°32	13°20	14°59	22°54	14°21	M 9
T 10	13 11 43	19°49'59	19°13	24°50	18°29	29°30	28°53	4° 6	16°36	16°28	16°33	13°D20	14°56	23° 1	14°24	T 10
W11	13 15 39	20°48'58	3♋26	26°55	19°42	0♒ 9	28°54	4°14	16°38	16°26	16°35	13°20	14°53	23° 7	14°28	W11
T 12	13 19 36	21°47'56	17°19	29° 0	20°55	0°48	28°54	4°21	16°41	16°24	16°36	13°R21	14°50	23°14	14°31	T 12
F 13	13 23 32	22°46'50	0♌52	1♉ 4	22° 8	1°28	28°55	4°28	16°43	16°23	16°37	13°21	14°47	23°20	14°34	F 13
S 14	13 27 29	23°45'43	14° 7	3° 7	23°20	2° 7	28°55	4°35	16°45	16°21	16°38	13°19	14°44	23°27	14°38	S 14
S 15	13 31 25	24°44'33	27° 6	5° 9	24°33	2°46	28°R56	4°43	16°48	16°20	16°40	13°15	14°40	23°34	14°41	S 15
M16	13 35 22	25°43'20	9♍51	7°10	25°46	3°25	28°56	4°50	16°50	16°18	16°41	13° 9	14°37	23°40	14°44	M16
T 17	13 39 18	26°42'06	22°23	9° 8	26°58	4° 4	28°55	4°57	16°53	16°16	16°42	13° 1	14°34	23°47	14°47	T 17
W18	13 43 15	27°40'49	4♎44	11° 5	28°11	4°44	28°55	5° 4	16°55	16°15	16°43	12°53	14°31	23°54	14°50	W18
T 19	13 47 12	28°39'31	16°55	12°58	29°23	5°23	28°54	5°11	16°58	16°13	16°45	12°44	14°28	24° 0	14°53	T 19
F 20	13 51 8	29°38'10	28°58	14°49	0♊35	6° 2	28°54	5°18	17° 1	16°11	16°46	12°37	14°24	24° 7	14°56	F 20
S 21	13 55 5	0♉36'48	10♏54	16°37	1°47	6°41	28°53	5°25	17° 3	16°10	16°47	12°31	14°21	24°14	14°59	S 21
S 22	13 59 1	1°35'23	22°45	18°21	3° 0	7°20	28°52	5°32	17° 6	16° 8	16°49	12°27	14°18	24°20	15° 2	S 22
M23	14 2 58	2°33'57	4♐33	20° 1	4°12	7°59	28°50	5°39	17° 9	16° 7	16°50	12°25	14°15	24°27	15° 5	M23
T 24	14 6 54	3°32'29	16°21	21°38	5°24	8°38	28°49	5°46	17°11	16° 5	16°51	12°D25	14°12	24°34	15° 8	T 24
W25	14 10 51	4°31'00	28°11	23°10	6°36	9°17	28°47	5°53	17°14	16° 4	16°53	12°26	14° 9	24°40	15°11	W25
T 26	14 14 47	5°29'29	10♑10	24°38	7°48	9°55	28°45	6° 0	17°17	16° 2	16°54	12°27	14° 5	24°47	15°14	T 26
F 27	14 18 44	6°27'56	22°20	26° 2	9° 0	10°34	28°43	6° 7	17°20	16° 1	16°55	12°29	14° 2	24°54	15°16	F 27
S 28	14 22 41	7°26'21	4♒46	27°21	10°12	11°13	28°41	6°13	17°23	15°59	16°57	12°R30	13°59	25° 0	15°19	S 28
S 29	14 26 37	8°24'45	17°34	28°35	11°23	11°52	28°38	6°20	17°26	15°58	16°58	12°29	13°56	25° 7	15°22	S 29
M30	14 30 34	9♉23'07	0♓48	29♉45	12♊35	12♒30	28♐36	6♈27	17♊29	15♎56	16♉59	12♊28	13♊53	25♏14	15♓24	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n20	21s58	4s10	1n 8	1s34	13n58	0s 3	22s 9	0s47	22s52	0n33	0s43	2s 5	22n47	0n 4	5s 4	1n38	2n 0	15s20	22n30	22n38	16s17	1s47	4n55
M 2	4 43	18 29	4 43	2 1	1 27	14 24	0 0	22 3	0 48	22 52	0 33	0 40	2 5	22 47	0 4	5 3	1 38	2 0	15 20	22 29	22 37	16 19	1 46	4 55
T 3	5 6	13 54	5 2	2 55	1 20	14 50	0n 2	21 57	0 50	22 52	0 33	0 37	2 5	22 47	0 4	5 2	1 38	2 1	15 20	22 28	22 37	16 22	1 44	4 55
W 4	5 29	8 26	5 3	3 49	1 12	15 16	0 5	21 51	0 51	22 52	0 33	0 34	2 5	22 47	0 4	5 2	1 38	2 1	15 19	22 27	22 37	16 24	1 43	4 56
T 5	5 52	2 21	4 44	4 44	1 4	15 41	0 8	21 45	0 52	22 52	0 33	0 31	2 5	22 48	0 4	5 1	1 38	2 2	15 19	22 26	22 36	16 27	1 42	4 56
F 6	6 15	3n59	4 6	5 39	0 55	16 6	0 11	21 39	0 54	22 52	0 33	0 29	2 5	22 48	0 4	5 0	1 38	2 2	15 19	22 25	22 36	16 29	1 40	4 56
S 7	6 38	10 9	3 11	6 35	0 46	16 30	0 14	21 33	0 55	22 52	0 33	0 26	2 5	22 48	0 4	5 0	1 38	2 3	15 19	22 24	22 36	16 32	1 39	4 56
S 8	7 0	15 44	2 2	7 30	0 36	16 54	0 17	21 26	0 57	22 52	0 33	0 23	2 5	22 48	0 4	4 59	1 38	2 3	15 19	22 23	22 35	16 34	1 37	4 56
M 9	7 23	20 18	0 46	8 26	0 26	17 18	0 20	21 20	0 58	22 52	0 33	0 20	2 5	22 48	0 4	4 58	1 38	2 4	15 19	22 23	22 35	16 37	1 36	4 56
T 10	7 45	23 31	0n32	9 22	0 16	17 41	0 23	21 13	0 59	22 52	0 33	0 17	2 5	22 49	0 4	4 58	1 38	2 4	15 18	22 23	22 35	16 39	1 35	4 56
W11	8 7	25 9	1 46	10 17	0 5	18 4	0 26	21 6	1 1	22 52	0 33	0 14	2 5	22 49	0 4	4 57	1 38	2 5	15 18	22 23	22 34	16 41	1 33	4 56
T 12	8 29	25 9	2 52	11 12	0n 5	18 26	0 29	20 59	1 2	22 52	0 33	0 12	2 6	22 49	0 4	4 57	1 38	2 5	15 18	22 23	22 34	16 44	1 32	4 56
F 13	8 51	23 39	3 47	12 6	0 16	18 48	0 32	20 52	1 4	22 52	0 33	0 9	2 6	22 49	0 4	4 56	1 38	2 6	15 18	22 23	22 33	16 46	1 31	4 56
S 14	9 13	20 52	4 29	12 59	0 28	19 9	0 34	20 44	1 5	22 52	0 33	0 6	2 6	22 50	0 4	4 55	1 38	2 6	15 18	22 23	22 33	16 49	1 29	4 57
S 15	9 35	17 6	4 56	13 50	0 39	19 30	0 37	20 37	1 7	22 52	0 33	0 3	2 6	22 50	0 4	4 55	1 38	2 7	15 18	22 23	22 33	16 51	1 28	4 57
M16	9 56	12 37	5 7	14 41	0 50	19 50	0 40	20 29	1 8	22 52	0 33	0 0	2 6	22 50	0 4	4 54	1 38	2 7	15 18	22 22	22 32	16 54	1 27	4 57
T 17	10 17	7 40	5 4	15 30	1 1	20 10	0 43	20 21	1 10	22 52	0 33	0n 2	2 6	22 50	0 4	4 53	1 38	2 8	15 17	22 21	22 32	16 56	1 25	4 57
W18	10 39	2 30	4 46	16 17	1 12	20 30	0 46	20 13	1 11	22 52	0 33	0 5	2 6	22 51	0 4	4 53	1 38	2 8	15 17	22 20	22 32	16 59	1 24	4 57
T 19	10 59	2s43	4 15	17 2	1 22	20 48	0 49	20 5	1 13	22 52	0 33	0 8	2 6	22 51	0 4	4 52	1 38	2 9	15 17	22 19	22 31	17 1	1 23	4 57
F 20	11 20	7 46	3 33	17 45	1 32	21 6	0 52	19 57	1 14	22 52	0 33	0 10	2 6	22 51	0 4	4 52	1 38	2 9	15 17	22 18	22 31	17 3	1 21	4 57
S 21	11 41	12 31	2 43	18 25	1 42	21 24	0 55	19 49	1 16	22 52	0 33	0 13	2 6	22 51	0 4	4 51	1 38	2 10	15 17	22 17	22 31	17 6	1 20	4 57
S 22	12 1	16 46	1 45	19 4	1 51	21 41	0 58	19 41	1 18	22 52	0 33	0 16	2 7	22 52	0 4	4 50	1 38	2 10	15 17	22 16	22 30	17 8	1 19	4 58
M23	12 21	20 20	0 43	19 40	2 0	21 58	1 0	19 32	1 19	22 52	0 33	0 18	2 7	22 52	0 4	4 50	1 38	2 10	15 17	22 16	22 30	17 11	1 18	4 58
T 24	12 41	23 5	0s21	20 13	2 8	22 14	1 3	19 24	1 21	22 52	0 33	0 21	2 7	22 52	0 4	4 49	1 38	2 11	15 17	22 16	22 29	17 13	1 16	4 58
W25	13 1	24 50	1 25	20 44	2 15	22 29	1 6	19 15	1 22	22 52	0 33	0 24	2 7	22 52	0 4	4 49	1 38	2 11	15 16	22 16	22 29	17 15	1 15	4 58
T 26	13 21	25 27	2 26	21 12	2 22	22 44	1 9	19 6	1 24	22 52	0 33	0 26	2 7	22 53	0 4	4 48	1 38	2 12	15 16	22 17	22 29	17 18	1 14	4 58
F 27	13 40	24 53	3 21	21 38	2 27	22 58	1 12	18 57	1 26	22 52	0 33	0 29	2 7	22 53	0 4	4 48	1 38	2 12	15 16	22 17	22 28	17 20	1 13	4 58
S 28	13 59	23 4	4 8	22 1	2 32	23 11	1 14	18 48	1 27	22 52	0 33	0 31	2 7	22 53	0 4	4 47	1 38	2 13	15 16	22 17	22 28	17 23	1 12	4 59
S 29	14 18	20 4	4 44	22 22	2 36	23 24	1 17	18 39	1 29	22 52	0 33	0 34	2 7	22 54	0 4	4 46	1 38	2 13	15 16	22 17	22 28	17 25	1 10	4 59
M30	14n37	15s57	5s 6	22n40	2n39	23n36	1n20	18s30	1s31	22s52	0n33	0n36	2s 8	22n54	0n 4	4s46	1n38	2n13	15s16	22n17	22n27	17s27	1s 9	4n59

Julian Day Number = 2493272.5, Delta T = 100.19 sec
Ecliptic obliquity = 23°25'31, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°20'12, Lahiri = 25°27'12

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ASTRODIENST EPHEMERIS for the year 2114
geocentric

MAY 2114 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 34 30	10♉21'28	14♓28	0♊49	13♊47	13♒ 9	28°R33	6♈34	17♊32	15°R55	17♉ 1	12°R24	13♊50	25♏20	15♓27	T 1
W 2	14 38 27	11°19'47	28°38	1°49	14°58	13°48	28♐30	6°40	17°35	15♎53	17° 2	12♊20	13°46	25°27	15°30	W 2
T 3	14 42 23	12°18'05	13♈13	2°44	16°10	14°26	28°27	6°47	17°38	15°52	17° 3	12°16	13°43	25°34	15°32	T 3
F 4	14 46 20	13°16'21	28° 8	3°34	17°21	15° 5	28°24	6°53	17°41	15°50	17° 5	12°12	13°40	25°40	15°35	F 4
S 5	14 50 16	14°14'36	13♉17	4°18	18°32	15°43	28°20	7° 0	17°44	15°49	17° 6	12° 9	13°37	25°47	15°37	S 5
S 6	14 54 13	15°12'48	28°28	4°58	19°44	16°21	28°16	7° 6	17°47	15°47	17° 7	12° 7	13°34	25°53	15°39	S 6
M 7	14 58 10	16°10'59	13♊33	5°32	20°55	16°59	28°13	7°13	17°50	15°46	17° 9	12°D 6	13°30	26° 0	15°42	M 7
T 8	15 2 6	17° 9'09	28°23	6° 1	22° 6	17°38	28° 9	7°19	17°53	15°45	17°10	12° 7	13°27	26° 7	15°44	T 8
W 9	15 6 3	18° 7'16	12♋53	6°24	23°17	18°16	28° 5	7°25	17°56	15°43	17°12	12° 8	13°24	26°13	15°46	W 9
T 10	15 9 59	19° 5'21	26°58	6°43	24°28	18°54	28° 0	7°32	18° 0	15°42	17°13	12°10	13°21	26°20	15°48	T 10
F 11	15 13 56	20° 3'25	10♌38	6°56	25°39	19°32	27°56	7°38	18° 3	15°41	17°14	12°11	13°18	26°27	15°51	F 11
S 12	15 17 52	21° 1'26	23°55	7° 4	26°50	20°10	27°51	7°44	18° 6	15°39	17°16	12°R11	13°15	26°33	15°53	S 12
S 13	15 21 49	21°59'26	6♍50	7°R 6	28° 0	20°47	27°46	7°50	18° 9	15°38	17°17	12°10	13°11	26°40	15°55	S 13
M14	15 25 45	22°57'24	19°27	7° 4	29°11	21°25	27°41	7°56	18°13	15°37	17°18	12° 9	13° 8	26°47	15°57	M14
T 15	15 29 42	23°55'19	1♎49	6°57	0♋22	22° 3	27°36	8° 2	18°16	15°36	17°20	12° 6	13° 5	26°53	15°59	T 15
W16	15 33 39	24°53'14	13°59	6°45	1°32	22°40	27°31	8° 8	18°19	15°34	17°21	12° 4	13° 2	27° 0	16° 1	W16
T 17	15 37 35	25°51'06	25°59	6°29	2°42	23°18	27°26	8°14	18°22	15°33	17°22	12° 1	12°59	27° 7	16° 2	T 17
F 18	15 41 32	26°48'57	7♏53	6°10	3°53	23°55	27°20	8°20	18°26	15°32	17°24	11°59	12°56	27°13	16° 4	F 18
S 19	15 45 28	27°46'46	19°43	5°46	5° 3	24°33	27°15	8°25	18°29	15°31	17°25	11°57	12°52	27°20	16° 6	S 19
S 20	15 49 25	28°44'34	1♐32	5°19	6°13	25°10	27° 9	8°31	18°33	15°30	17°26	11°56	12°49	27°27	16° 8	S 20
M21	15 53 21	29°42'21	13°20	4°50	7°23	25°47	27° 3	8°37	18°36	15°29	17°28	11°D56	12°46	27°33	16° 9	M21
T 22	15 57 18	0♊40'06	25°11	4°18	8°33	26°24	26°57	8°42	18°39	15°28	17°29	11°56	12°43	27°40	16°11	T 22
W23	16 1 14	1°37'50	7♑ 7	3°45	9°42	27° 1	26°51	8°48	18°43	15°27	17°30	11°57	12°40	27°47	16°13	W23
T 24	16 5 11	2°35'33	19°11	3°11	10°52	27°38	26°44	8°53	18°46	15°26	17°32	11°58	12°36	27°53	16°14	T 24
F 25	16 9 8	3°33'14	1♒27	2°37	12° 2	28°15	26°38	8°59	18°50	15°25	17°33	11°59	12°33	28° 0	16°16	F 25
S 26	16 13 4	4°30'55	13°57	2° 3	13°11	28°51	26°32	9° 4	18°53	15°24	17°34	12° 0	12°30	28° 7	16°17	S 26
S 27	16 17 1	5°28'34	26°45	1°29	14°21	29°28	26°25	9° 9	18°57	15°23	17°36	12° 0	12°27	28°13	16°18	S 27
M28	16 20 57	6°26'13	9♓55	0°57	15°30	0♓ 4	26°18	9°14	19° 0	15°22	17°37	12°R 0	12°24	28°20	16°20	M28
T 29	16 24 54	7°23'51	23°28	0°27	16°39	0°40	26°11	9°19	19° 4	15°21	17°38	12° 0	12°21	28°26	16°21	T 29
W30	16 28 50	8°21'27	7♈27	29♉59	17°48	1°16	26° 5	9°24	19° 7	15°20	17°40	12° 0	12°17	28°33	16°22	W30
T 31	16 32 47	9♊19'03	21♈50	29♉34	18♋57	1♓53	25♐58	9♈29	19♊11	15♎19	17♉41	11♊59	12♊14	28♏40	16♓23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	☊	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n55	10s55	5s13	22n56	2n41	23n48	1n22	18s20	1s32	22s52	0n33	0n39	2s 8	22n54	0n 4	4s45	1n38	2n14	15s16	22n16	22n27	17s30	1s 8	4n59
W 2	15 13	5 8	5 0	23 9	2 42	23 59	1 25	18 11	1 34	22 52	0 33	0 41	2 8	22 54	0 4	4 45	1 38	2 14	15 16	22 16	22 26	17 32	1 7	4 59
T 3	15 31	1n 5	4 29	23 20	2 42	24 9	1 27	18 1	1 36	22 52	0 33	0 44	2 8	22 55	0 4	4 44	1 38	2 15	15 16	22 15	22 26	17 35	1 6	4 59
F 4	15 49	7 24	3 38	23 29	2 40	24 19	1 30	17 52	1 38	22 52	0 33	0 46	2 8	22 55	0 4	4 44	1 37	2 15	15 16	22 15	22 26	17 37	1 5	5 0
S 5	16 6	13 24	2 32	23 35	2 38	24 28	1 32	17 42	1 39	22 52	0 33	0 49	2 8	22 55	0 4	4 43	1 37	2 15	15 16	22 14	22 25	17 39	1 4	5 0
S 6	16 23	18 36	1 14	23 39	2 35	24 36	1 35	17 32	1 41	22 52	0 33	0 51	2 8	22 56	0 4	4 43	1 37	2 16	15 16	22 14	22 25	17 42	1 2	5 0
M 7	16 40	22 33	0n 8	23 41	2 30	24 43	1 37	17 22	1 43	22 52	0 32	0 53	2 9	22 56	0 4	4 42	1 37	2 16	15 16	22 14	22 24	17 44	1 1	5 0
T 8	16 57	24 53	1 28	23 40	2 25	24 50	1 39	17 12	1 45	22 52	0 32	0 56	2 9	22 56	0 4	4 42	1 37	2 17	15 16	22 14	22 24	17 47	1 0	5 0
W 9	17 13	25 29	2 41	23 38	2 18	24 57	1 41	17 2	1 47	22 52	0 32	0 58	2 9	22 56	0 4	4 41	1 37	2 17	15 16	22 14	22 24	17 49	0 59	5 1
T 10	17 29	24 23	3 43	23 33	2 10	25 2	1 44	16 52	1 48	22 52	0 32	1 0	2 9	22 57	0 4	4 41	1 37	2 17	15 16	22 14	22 23	17 51	0 58	5 1
F 11	17 45	21 52	4 29	23 27	2 1	25 7	1 46	16 42	1 50	22 52	0 32	1 3	2 9	22 57	0 4	4 40	1 37	2 18	15 16	22 14	22 23	17 54	0 57	5 1
S 12	18 0	18 15	5 0	23 18	1 51	25 11	1 48	16 32	1 52	22 52	0 32	1 5	2 9	22 57	0 4	4 40	1 37	2 18	15 16	22 14	22 23	17 56	0 56	5 1
S 13	18 15	13 51	5 14	23 7	1 40	25 14	1 50	16 21	1 54	22 52	0 32	1 7	2 10	22 58	0 4	4 39	1 37	2 18	15 16	22 14	22 22	17 58	0 55	5 1
M14	18 30	8 58	5 13	22 55	1 27	25 17	1 52	16 11	1 56	22 52	0 32	1 10	2 10	22 58	0 4	4 39	1 37	2 19	15 16	22 14	22 22	18 1	0 54	5 2
T 15	18 45	3 49	4 57	22 40	1 14	25 19	1 54	16 0	1 58	22 52	0 32	1 12	2 10	22 58	0 4	4 38	1 37	2 19	15 16	22 14	22 21	18 3	0 53	5 2
W16	18 59	1s23	4 28	22 24	1 0	25 20	1 55	15 50	2 0	22 52	0 32	1 14	2 10	22 59	0 4	4 38	1 37	2 19	15 16	22 13	22 21	18 5	0 52	5 2
T 17	19 13	6 30	3 48	22 7	0 45	25 21	1 57	15 39	2 2	22 52	0 32	1 16	2 10	22 59	0 4	4 38	1 37	2 20	15 16	22 13	22 21	18 8	0 51	5 2
F 18	19 26	11 20	2 57	21 48	0 29	25 21	1 59	15 29	2 3	22 52	0 32	1 18	2 10	22 59	0 4	4 37	1 37	2 20	15 16	22 13	22 20	18 10	0 51	5 2
S 19	19 39	15 44	2 0	21 27	0 12	25 20	2 0	15 18	2 5	22 52	0 32	1 20	2 11	22 59	0 4	4 37	1 37	2 20	15 16	22 13	22 20	18 12	0 50	5 3
S 20	19 52	19 31	0 57	21 6	0s 5	25 19	2 2	15 8	2 7	22 52	0 32	1 22	2 11	23 0	0 4	4 36	1 37	2 21	15 16	22 12	22 19	18 15	0 49	5 3
M21	20 5	22 31	0s 8	20 44	0 22	25 16	2 3	14 57	2 9	22 52	0 32	1 24	2 11	23 0	0 4	4 36	1 37	2 21	15 16	22 12	22 19	18 17	0 48	5 3
T 22	20 17	24 33	1 13	20 21	0 40	25 13	2 5	14 46	2 11	22 52	0 32	1 26	2 11	23 0	0 4	4 36	1 37	2 21	15 16	22 12	22 19	18 19	0 47	5 3
W23	20 29	25 29	2 15	19 57	0 57	25 10	2 6	14 35	2 13	22 52	0 32	1 28	2 11	23 1	0 4	4 35	1 37	2 22	15 16	22 13	22 18	18 22	0 46	5 3
T 24	20 40	25 14	3 12	19 34	1 15	25 6	2 7	14 24	2 15	22 52	0 31	1 30	2 12	23 1	0 4	4 35	1 37	2 22	15 16	22 13	22 18	18 24	0 46	5 4
F 25	20 51	23 45	4 2	19 10	1 32	25 1	2 8	14 14	2 17	22 52	0 31	1 32	2 12	23 1	0 4	4 34	1 37	2 22	15 16	22 13	22 17	18 26	0 45	5 4
S 26	21 2	21 6	4 40	18 47	1 49	24 55	2 9	14 3	2 20	22 51	0 31	1 34	2 12	23 2	0 4	4 34	1 37	2 23	15 16	22 13	22 17	18 29	0 44	5 4
S 27	21 12	17 23	5 7	18 24	2 5	24 49	2 10	13 52	2 22	22 51	0 31	1 36	2 12	23 2	0 4	4 34	1 37	2 23	15 16	22 13	22 16	18 31	0 43	5 4
M28	21 22	12 45	5 17	18 3	2 21	24 42	2 11	13 41	2 24	22 51	0 31	1 38	2 12	23 2	0 4	4 33	1 37	2 23	15 16	22 13	22 16	18 33	0 43	5 5
T 29	21 32	7 21	5 11	17 42	2 35	24 34	2 12	13 30	2 26	22 51	0 31	1 40	2 13	23 2	0 4	4 33	1 37	2 23	15 16	22 13	22 16	18 36	0 42	5 5
W30	21 41	1 26	4 47	17 23	2 49	24 26	2 13	13 19	2 28	22 51	0 31	1 41	2 13	23 3	0 4	4 33	1 37	2 24	15 16	22 13	22 15	18 38	0 41	5 5
T 31	21n50	4n44	4s 4	17n 5	3s 2	24n17	2n13	13s 8	2s30	22s51	0n31	1n43	2s13	23n 3	0n 4	4s33	1n37	2n24	15s17	22n13	22n15	18s40	0s41	5n 5

Julian Day Number = 2493302.5, Delta T = 100.23 sec
Ecliptic obliquity = 23°25'31, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°20'16, Lahiri = 25°27'16

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ASTRODIENST EPHEMERIS for the year 2114
geocentric

JUNE 2114 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 36 43	10♊16'38	6♉35	29°R12	20♋ 6	2♓28	25°R51	9♈34	19♊14	15°R19	17♉42	11°R59	12♊11	28♏46	16♓24	F 1
S 2	16 40 40	11°14'12	21°36	28♉54	21°15	3° 4	25♐43	9°39	19°18	15♎18	17°43	11♊59	12° 8	28°53	16°25	S 2
S 3	16 44 37	12°11'45	6♊45	28°40	22°23	3°40	25°36	9°44	19°21	15°17	17°45	11°59	12° 5	29° 0	16°26	S 3
M 4	16 48 33	13° 9'17	21°52	28°29	23°32	4°15	25°29	9°48	19°25	15°16	17°46	11°59	12° 2	29° 6	16°27	M 4
T 5	16 52 30	14° 6'48	6♋50	28°23	24°40	4°50	25°22	9°53	19°28	15°16	17°47	11°59	11°58	29°13	16°28	T 5
W 6	16 56 26	15° 4'18	21°30	28°D22	25°48	5°26	25°14	9°58	19°32	15°15	17°48	11°59	11°55	29°20	16°29	W 6
T 7	17 0 23	16° 1'47	5♌46	28°24	26°56	6° 0	25° 7	10° 2	19°35	15°14	17°50	11°58	11°52	29°26	16°30	T 7
F 8	17 4 19	16°59'15	19°36	28°32	28° 4	6°35	24°59	10° 6	19°39	15°14	17°51	11°58	11°49	29°33	16°30	F 8
S 9	17 8 16	17°56'41	3♍ 0	28°43	29°12	7°10	24°52	10°11	19°42	15°13	17°52	11°57	11°46	29°40	16°31	S 9
S 10	17 12 13	18°54'06	15°58	29° 0	0♌20	7°44	24°44	10°15	19°46	15°13	17°53	11°D57	11°42	29°46	16°31	S 10
M11	17 16 9	19°51'30	28°35	29°20	1°27	8°19	24°37	10°19	19°50	15°12	17°54	11°57	11°39	29°53	16°32	M11
T 12	17 20 6	20°48'53	10♎53	29°45	2°35	8°53	24°29	10°23	19°53	15°12	17°56	11°58	11°36	29°59	16°32	T 12
W13	17 24 2	21°46'15	22°58	0♊15	3°42	9°27	24°21	10°27	19°57	15°11	17°57	11°59	11°33	0♐ 6	16°33	W13
T 14	17 27 59	22°43'35	4♏53	0°48	4°49	10° 0	24°14	10°31	20° 0	15°11	17°58	12° 0	11°30	0°13	16°33	T 14
F 15	17 31 55	23°40'55	16°43	1°26	5°56	10°34	24° 6	10°35	20° 4	15°10	17°59	12° 1	11°27	0°19	16°34	F 15
S 16	17 35 52	24°38'15	28°30	2° 8	7° 3	11° 7	23°58	10°38	20° 7	15°10	18° 0	12° 1	11°23	0°26	16°34	S 16
S 17	17 39 48	25°35'33	10♐19	2°54	8° 9	11°40	23°51	10°42	20°11	15°10	18° 1	12°R 2	11°20	0°33	16°34	S 17
M18	17 43 45	26°32'51	22°11	3°44	9°16	12°13	23°43	10°46	20°14	15° 9	18° 2	12° 2	11°17	0°39	16°34	M18
T 19	17 47 42	27°30'08	4♑ 9	4°38	10°22	12°46	23°36	10°49	20°18	15° 9	18° 4	12° 1	11°14	0°46	16°34	T 19
W20	17 51 38	28°27'24	16°15	5°35	11°28	13°18	23°28	10°52	20°21	15° 9	18° 5	11°59	11°11	0°53	16°R34	W20
T 21	17 55 35	29°24'40	28°31	6°37	12°34	13°51	23°20	10°56	20°25	15° 9	18° 6	11°57	11° 8	0°59	16°34	T 21
F 22	17 59 31	0♋21'56	10♒59	7°42	13°39	14°23	23°13	10°59	20°28	15° 9	18° 7	11°54	11° 4	1° 6	16°34	F 22
S 23	18 3 28	1°19'11	23°40	8°50	14°45	14°54	23° 5	11° 2	20°32	15° 9	18° 8	11°51	11° 1	1°13	16°34	S 23
S 24	18 7 24	2°16'26	6♓35	10° 3	15°50	15°26	22°58	11° 5	20°36	15° 8	18° 9	11°49	10°58	1°19	16°34	S 24
M25	18 11 21	3°13'41	19°48	11°18	16°55	15°57	22°50	11° 8	20°39	15° 8	18°10	11°47	10°55	1°26	16°33	M25
T 26	18 15 17	4°10'55	3♈19	12°38	18° 0	16°28	22°43	11°11	20°42	15° 8	18°11	11°D47	10°52	1°33	16°33	T 26
W27	18 19 14	5° 8'10	17° 9	14° 0	19° 5	16°59	22°36	11°13	20°46	15°D 8	18°12	11°47	10°48	1°39	16°33	W27
T 28	18 23 11	6° 5'25	1♉19	15°27	20° 9	17°29	22°28	11°16	20°49	15° 8	18°13	11°48	10°45	1°46	16°32	T 28
F 29	18 27 7	7° 2'39	15°46	16°56	21°14	17°59	22°21	11°19	20°53	15° 8	18°14	11°50	10°42	1°53	16°32	F 29
S 30	18 31 4	7♋59'54	0♊29	18♊29	22♌18	18♓29	22♐14	11♈21	20♊56	15♎ 8	18♉15	11♊51	10♊39	1♐59	16♓31	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n59	10n48	3s 4	16n49	3s13	24n 8	2n14	12s57	2s32	22s51	0n31	1n45	2s13	23n 3	0n 4	4s32	1n37	2n24	15s17	22n13	22n14	18s42	0s40	5n 6
S 2	22 7	16 22	1 51	16 35	3 24	23 57	2 14	12 46	2 34	22 51	0 31	1 47	2 13	23 4	0 4	4 32	1 37	2 24	15 17	22 13	22 14	18 45	0 39	5 6
S 3	22 14	20 57	0 29	16 23	3 33	23 47	2 15	12 35	2 36	22 51	0 31	1 48	2 14	23 4	0 4	4 32	1 37	2 25	15 17	22 13	22 14	18 47	0 39	5 6
M 4	22 22	24 5	0n55	16 13	3 41	23 35	2 15	12 24	2 39	22 50	0 30	1 50	2 14	23 4	0 4	4 32	1 37	2 25	15 17	22 13	22 13	18 49	0 38	5 6
T 5	22 29	25 29	2 14	16 5	3 48	23 23	2 15	12 13	2 41	22 50	0 30	1 51	2 14	23 4	0 4	4 31	1 36	2 25	15 17	22 13	22 13	18 52	0 38	5 7
W 6	22 35	25 2	3 22	15 59	3 53	23 11	2 15	12 3	2 43	22 50	0 30	1 53	2 14	23 5	0 4	4 31	1 36	2 25	15 17	22 13	22 12	18 54	0 37	5 7
T 7	22 42	22 58	4 17	15 56	3 58	22 58	2 15	11 52	2 45	22 50	0 30	1 54	2 15	23 5	0 4	4 31	1 36	2 25	15 17	22 13	22 12	18 56	0 37	5 7
F 8	22 47	19 34	4 54	15 54	4 1	22 44	2 15	11 41	2 48	22 50	0 30	1 56	2 15	23 5	0 4	4 31	1 36	2 26	15 17	22 13	22 11	18 58	0 36	5 7
S 9	22 53	15 16	5 14	15 54	4 3	22 30	2 14	11 30	2 50	22 50	0 30	1 57	2 15	23 6	0 4	4 31	1 36	2 26	15 18	22 13	22 11	19 1	0 36	5 7
S 10	22 58	10 24	5 17	15 57	4 4	22 15	2 14	11 19	2 52	22 49	0 30	1 59	2 15	23 6	0 4	4 30	1 36	2 26	15 18	22 13	22 11	19 3	0 35	5 8
M11	23 2	5 13	5 4	16 1	4 4	21 59	2 13	11 9	2 54	22 49	0 30	2 0	2 16	23 6	0 4	4 30	1 36	2 26	15 18	22 13	22 10	19 5	0 35	5 8
T 12	23 6	0s 2	4 38	16 8	4 3	21 44	2 13	10 58	2 57	22 49	0 30	2 2	2 16	23 6	0 4	4 30	1 36	2 26	15 18	22 13	22 10	19 7	0 34	5 8
W13	23 10	5 12	4 0	16 16	4 1	21 27	2 12	10 47	2 59	22 49	0 29	2 3	2 16	23 7	0 4	4 30	1 36	2 26	15 18	22 13	22 9	19 10	0 34	5 8
T 14	23 14	10 8	3 12	16 25	3 58	21 10	2 11	10 36	3 1	22 49	0 29	2 4	2 16	23 7	0 4	4 30	1 36	2 27	15 18	22 13	22 9	19 12	0 34	5 9
F 15	23 16	14 39	2 16	16 36	3 54	20 53	2 10	10 26	3 4	22 48	0 29	2 5	2 17	23 7	0 4	4 30	1 36	2 27	15 18	22 13	22 8	19 14	0 33	5 9
S 16	23 19	18 36	1 14	16 49	3 50	20 35	2 9	10 15	3 6	22 48	0 29	2 7	2 17	23 8	0 4	4 30	1 36	2 27	15 19	22 13	22 8	19 16	0 33	5 9
S 17	23 21	21 49	0 10	17 3	3 44	20 16	2 8	10 5	3 8	22 48	0 29	2 8	2 17	23 8	0 4	4 30	1 36	2 27	15 19	22 13	22 8	19 18	0 33	5 9
M18	23 23	24 8	0s56	17 19	3 38	19 58	2 6	9 54	3 11	22 48	0 29	2 9	2 17	23 8	0 4	4 30	1 36	2 27	15 19	22 13	22 7	19 21	0 32	5 10
T 19	23 24	25 21	1 59	17 35	3 31	19 38	2 5	9 44	3 13	22 48	0 29	2 10	2 18	23 8	0 4	4 29	1 36	2 27	15 19	22 13	22 7	19 23	0 32	5 10
W20	23 25	25 23	2 58	17 53	3 24	19 19	2 3	9 34	3 15	22 47	0 29	2 11	2 18	23 9	0 4	4 29	1 36	2 27	15 19	22 13	22 6	19 25	0 32	5 10
T 21	23 25	24 11	3 50	18 11	3 16	18 58	2 2	9 24	3 18	22 47	0 28	2 12	2 18	23 9	0 4	4 29	1 36	2 27	15 19	22 12	22 6	19 27	0 32	5 10
F 22	23 25	21 48	4 31	18 30	3 7	18 38	2 0	9 13	3 20	22 47	0 28	2 13	2 18	23 9	0 4	4 29	1 36	2 28	15 20	22 12	22 5	19 30	0 32	5 11
S 23	23 25	18 20	5 0	18 50	2 58	18 17	1 58	9 3	3 23	22 47	0 28	2 14	2 19	23 9	0 4	4 29	1 36	2 28	15 20	22 12	22 5	19 32	0 31	5 11
S 24	23 24	13 57	5 14	19 10	2 48	17 55	1 56	8 53	3 25	22 46	0 28	2 15	2 19	23 10	0 4	4 29	1 36	2 28	15 20	22 11	22 4	19 34	0 31	5 11
M25	23 23	8 49	5 12	19 31	2 38	17 34	1 54	8 43	3 28	22 46	0 28	2 16	2 19	23 10	0 4	4 29	1 36	2 28	15 20	22 11	22 4	19 36	0 31	5 11
T 26	23 22	3 10	4 53	19 51	2 28	17 12	1 51	8 34	3 30	22 46	0 28	2 17	2 19	23 10	0 4	4 29	1 36	2 28	15 20	22 11	22 4	19 38	0 31	5 12
W27	23 20	2n46	4 17	20 12	2 17	16 49	1 49	8 24	3 32	22 46	0 28	2 18	2 20	23 10	0 4	4 29	1 35	2 28	15 21	22 11	22 3	19 41	0 31	5 12
T 28	23 17	8 43	3 25	20 33	2 5	16 26	1 46	8 14	3 35	22 45	0 27	2 19	2 20	23 11	0 4	4 30	1 35	2 28	15 21	22 11	22 3	19 43	0 31	5 12
F 29	23 14	14 20	2 19	20 54	1 54	16 3	1 44	8 5	3 37	22 45	0 27	2 19	2 20	23 11	0 4	4 30	1 35	2 28	15 21	22 12	22 2	19 45	0 31	5 12
S 30	23n11	19n14	1s 2	21n14	1s42	15n40	1n41	7s55	3s40	22s45	0n27	2n20	2s20	23n11	0n 4	4s30	1n35	2n28	15s21	22n12	22n 2	19s47	0s31	5n13

Julian Day Number = 2493333.5, Delta T = 100.28 sec
Ecliptic obliquity = 23°25'30, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°20'20, Lahiri = 25°27'20

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ASTRODIENST EPHEMERIS for the year 2114
geocentric

JULY 2114 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 0	8♋57'09	15♊21	20♊ 5	23♌21	18♓59	22°R 7	11♈23	21♊ 0	15♎ 9	18♉16	11°R51	10♊36	2♐ 6	16°R31	S 1
M 2	18 38 57	9°54'23	0♋16	21°44	24°25	19°28	22♐ 0	11°26	21° 3	15° 9	18°17	11♊50	10°33	2°12	16♓30	M 2
T 3	18 42 53	10°51'38	15° 7	23°27	25°28	19°57	21°53	11°28	21° 7	15° 9	18°17	11°48	10°29	2°19	16°29	T 3
W 4	18 46 50	11°48'52	29°45	25°13	26°31	20°25	21°46	11°30	21°10	15° 9	18°18	11°44	10°26	2°26	16°29	W 4
T 5	18 50 46	12°46'06	14♌ 3	27° 1	27°34	20°53	21°39	11°32	21°13	15° 9	18°19	11°40	10°23	2°32	16°28	T 5
F 6	18 54 43	13°43'20	27°57	28°53	28°37	21°21	21°33	11°34	21°17	15°10	18°20	11°35	10°20	2°39	16°27	F 6
S 7	18 58 40	14°40'34	11♍26	0♋47	29°39	21°49	21°26	11°36	21°20	15°10	18°21	11°31	10°17	2°46	16°26	S 7
S 8	19 2 36	15°37'47	24°28	2°44	0♍41	22°16	21°20	11°37	21°23	15°10	18°22	11°28	10°14	2°52	16°25	S 8
M 9	19 6 33	16°35'00	7♎ 7	4°43	1°43	22°42	21°13	11°39	21°27	15°11	18°23	11°26	10°10	2°59	16°24	M 9
T 10	19 10 29	17°32'12	19°26	6°45	2°44	23° 9	21° 7	11°40	21°30	15°11	18°23	11°D26	10° 7	3° 6	16°23	T 10
W11	19 14 26	18°29'25	1♏30	8°48	3°45	23°35	21° 1	11°42	21°33	15°12	18°24	11°26	10° 4	3°12	16°22	W11
T 12	19 18 22	19°26'37	13°24	10°53	4°46	24° 0	20°55	11°43	21°36	15°12	18°25	11°28	10° 1	3°19	16°21	T 12
F 13	19 22 19	20°23'50	25°12	13° 0	5°46	24°25	20°49	11°44	21°40	15°13	18°26	11°29	9°58	3°26	16°19	F 13
S 14	19 26 15	21°21'02	7♐ 0	15° 7	6°46	24°50	20°44	11°45	21°43	15°13	18°26	11°R30	9°54	3°32	16°18	S 14
S 15	19 30 12	22°18'15	18°51	17°16	7°46	25°14	20°38	11°46	21°46	15°14	18°27	11°30	9°51	3°39	16°17	S 15
M16	19 34 9	23°15'27	0♑50	19°25	8°45	25°38	20°33	11°47	21°49	15°14	18°28	11°28	9°48	3°46	16°15	M16
T 17	19 38 5	24°12'40	12°58	21°34	9°44	26° 1	20°27	11°48	21°52	15°15	18°28	11°25	9°45	3°52	16°14	T 17
W18	19 42 2	25° 9'53	25°18	23°43	10°43	26°24	20°22	11°49	21°55	15°16	18°29	11°19	9°42	3°59	16°12	W18
T 19	19 45 58	26° 7'06	7♒50	25°52	11°41	26°47	20°17	11°49	21°59	15°16	18°30	11°12	9°39	4° 5	16°11	T 19
F 20	19 49 55	27° 4'20	20°36	28° 0	12°39	27° 9	20°12	11°50	22° 2	15°17	18°30	11° 4	9°35	4°12	16° 9	F 20
S 21	19 53 51	28° 1'34	3♓35	0♌ 7	13°36	27°30	20° 8	11°50	22° 5	15°18	18°31	10°56	9°32	4°19	16° 8	S 21
S 22	19 57 48	28°58'49	16°47	2°14	14°33	27°51	20° 3	11°50	22° 8	15°19	18°31	10°49	9°29	4°25	16° 6	S 22
M23	20 1 44	29°56'04	0♈11	4°19	15°29	28°11	19°59	11°50	22°11	15°19	18°32	10°44	9°26	4°32	16° 4	M23
T 24	20 5 41	0♌53'21	13°48	6°23	16°25	28°31	19°54	11°R50	22°14	15°20	18°32	10°41	9°23	4°39	16° 2	T 24
W25	20 9 38	1°50'38	27°38	8°25	17°21	28°50	19°50	11°50	22°17	15°21	18°33	10°D39	9°20	4°45	16° 1	W25
T 26	20 13 34	2°47'55	11♉39	10°27	18°16	29° 9	19°46	11°50	22°20	15°22	18°33	10°40	9°16	4°52	15°59	T 26
F 27	20 17 31	3°45'14	25°52	12°26	19°10	29°27	19°43	11°50	22°22	15°23	18°34	10°40	9°13	4°59	15°57	F 27
S 28	20 21 27	4°42'34	10♊14	14°24	20° 4	29°45	19°39	11°50	22°25	15°24	18°34	10°R41	9°10	5° 5	15°55	S 28
S 29	20 25 24	5°39'55	24°44	16°21	20°57	0♈ 1	19°36	11°49	22°28	15°25	18°35	10°40	9° 7	5°12	15°53	S 29
M30	20 29 20	6°37'17	9♋17	18°15	21°50	0°18	19°32	11°49	22°31	15°26	18°35	10°37	9° 4	5°19	15°51	M30
T 31	20 33 17	7♌34'39	23♋48	20♌ 8	22♍42	0♈33	19♐29	11♈48	22♊34	15♎27	18♉36	10♊32	9♊ 0	5♐25	15♓49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 7	22n56	0n19	21n33	1s30	15n16	1n38	7s46	3s42	22s45	0n27	2n21	2s21	23n11	0n 4	4s30	1n35	2n28	15s21	22n12	22n 1	19s49	0s31	5n13
M 2	23 3	25 5	1 39	21 52	1 18	14 52	1 35	7 37	3 45	22 44	0 27	2 21	2 21	23 12	0 4	4 30	1 35	2 28	15 22	22 12	22 1	19 51	0 31	5 13
T 3	22 59	25 25	2 52	22 10	1 6	14 28	1 32	7 28	3 47	22 44	0 27	2 22	2 21	23 12	0 4	4 30	1 35	2 28	15 22	22 11	22 0	19 54	0 31	5 13
W 4	22 54	23 59	3 53	22 27	0 54	14 3	1 28	7 19	3 50	22 44	0 26	2 22	2 22	23 12	0 4	4 30	1 35	2 28	15 22	22 11	22 0	19 56	0 31	5 13
T 5	22 49	21 1	4 37	22 42	0 41	13 38	1 25	7 10	3 53	22 43	0 26	2 23	2 22	23 12	0 4	4 30	1 35	2 28	15 22	22 10	22 0	19 58	0 31	5 14
F 6	22 43	16 55	5 4	22 56	0 29	13 13	1 21	7 2	3 55	22 43	0 26	2 23	2 22	23 13	0 4	4 30	1 35	2 28	15 23	22 10	21 59	20 0	0 31	5 14
S 7	22 37	12 5	5 13	23 8	0 17	12 48	1 17	6 53	3 58	22 43	0 26	2 24	2 22	23 13	0 4	4 31	1 35	2 28	15 23	22 9	21 59	20 2	0 31	5 14
S 8	22 31	6 51	5 5	23 18	0 5	12 22	1 14	6 45	4 0	22 43	0 26	2 24	2 23	23 13	0 4	4 31	1 35	2 28	15 23	22 9	21 58	20 4	0 32	5 14
M 9	22 24	1 30	4 42	23 26	0n 6	11 57	1 9	6 37	4 3	22 42	0 26	2 25	2 23	23 13	0 4	4 31	1 35	2 28	15 23	22 8	21 58	20 7	0 32	5 14
T 10	22 17	3s48	4 7	23 32	0 17	11 31	1 5	6 29	4 5	22 42	0 25	2 25	2 23	23 14	0 4	4 31	1 35	2 28	15 23	22 8	21 57	20 9	0 32	5 15
W11	22 9	8 51	3 21	23 36	0 28	11 4	1 1	6 21	4 8	22 42	0 25	2 25	2 23	23 14	0 4	4 31	1 35	2 28	15 24	22 8	21 57	20 11	0 32	5 15
T 12	22 1	13 31	2 27	23 36	0 38	10 38	0 57	6 13	4 11	22 42	0 25	2 25	2 24	23 14	0 4	4 32	1 35	2 28	15 24	22 9	21 56	20 13	0 33	5 15
F 13	21 53	17 38	1 28	23 35	0 47	10 12	0 52	6 5	4 13	22 42	0 25	2 26	2 24	23 14	0 4	4 32	1 35	2 28	15 24	22 9	21 56	20 15	0 33	5 15
S 14	21 44	21 4	0 25	23 30	0 56	9 45	0 47	5 58	4 16	22 41	0 25	2 26	2 24	23 14	0 4	4 32	1 35	2 28	15 24	22 9	21 55	20 17	0 33	5 16
S 15	21 35	23 37	0s40	23 23	1 5	9 18	0 42	5 51	4 18	22 41	0 25	2 26	2 25	23 15	0 4	4 32	1 35	2 28	15 25	22 9	21 55	20 19	0 34	5 16
M16	21 25	25 8	1 43	23 13	1 13	8 52	0 37	5 44	4 21	22 41	0 24	2 26	2 25	23 15	0 4	4 33	1 35	2 28	15 25	22 9	21 54	20 21	0 34	5 16
T 17	21 16	25 29	2 42	23 0	1 19	8 25	0 32	5 37	4 24	22 41	0 24	2 26	2 25	23 15	0 4	4 33	1 35	2 28	15 25	22 8	21 54	20 24	0 34	5 16
W18	21 5	24 35	3 35	22 45	1 26	7 58	0 27	5 30	4 26	22 40	0 24	2 26	2 25	23 15	0 4	4 33	1 34	2 27	15 26	22 7	21 53	20 26	0 35	5 16
T 19	20 55	22 27	4 18	22 27	1 31	7 31	0 21	5 23	4 29	22 40	0 24	2 26	2 26	23 15	0 4	4 34	1 34	2 27	15 26	22 6	21 53	20 28	0 35	5 16
F 20	20 44	19 10	4 49	22 7	1 36	7 3	0 16	5 17	4 31	22 40	0 24	2 26	2 26	23 16	0 4	4 34	1 34	2 27	15 26	22 5	21 53	20 30	0 36	5 17
S 21	20 33	14 56	5 5	21 44	1 40	6 36	0 10	5 11	4 34	22 40	0 24	2 26	2 26	23 16	0 4	4 34	1 34	2 27	15 26	22 4	21 52	20 32	0 36	5 17
S 22	20 21	9 55	5 6	21 19	1 43	6 9	0 4	5 5	4 37	22 40	0 23	2 26	2 27	23 16	0 4	4 35	1 34	2 27	15 27	22 3	21 52	20 34	0 36	5 17
M23	20 9	4 22	4 50	20 52	1 45	5 42	0s 2	4 59	4 39	22 40	0 23	2 26	2 27	23 16	0 4	4 35	1 34	2 27	15 27	22 3	21 51	20 36	0 37	5 17
T 24	19 57	1n29	4 18	20 23	1 47	5 14	0 8	4 54	4 42	22 40	0 23	2 25	2 27	23 16	0 5	4 35	1 34	2 27	15 27	22 2	21 51	20 38	0 38	5 17
W25	19 44	7 21	3 31	19 53	1 47	4 47	0 14	4 49	4 44	22 39	0 23	2 25	2 27	23 17	0 5	4 36	1 34	2 27	15 27	22 2	21 50	20 40	0 38	5 18
T 26	19 31	12 57	2 30	19 20	1 48	4 19	0 21	4 43	4 47	22 39	0 23	2 25	2 28	23 17	0 5	4 36	1 34	2 26	15 28	22 2	21 50	20 42	0 39	5 18
F 27	19 18	17 56	1 19	18 47	1 47	3 52	0 27	4 39	4 49	22 39	0 23	2 24	2 28	23 17	0 5	4 36	1 34	2 26	15 28	22 2	21 49	20 44	0 39	5 18
S 28	19 5	21 56	0 2	18 12	1 46	3 25	0 34	4 34	4 52	22 39	0 22	2 24	2 28	23 17	0 5	4 37	1 34	2 26	15 28	22 2	21 49	20 46	0 40	5 18
S 29	18 51	24 34	1n15	17 35	1 44	2 58	0 41	4 30	4 54	22 39	0 22	2 24	2 28	23 17	0 5	4 37	1 34	2 26	15 29	22 2	21 48	20 48	0 40	5 18
M30	18 36	25 33	2 27	16 58	1 42	2 30	0 48	4 25	4 57	22 39	0 22	2 23	2 29	23 17	0 5	4 38	1 34	2 26	15 29	22 2	21 48	20 51	0 41	5 18
T 31	18n22	24n46	3n30	16n20	1n39	2n 3	0s55	4s22	4s59	22s39	0n22	2n23	2s29	23n18	0n 5	4s38	1n34	2n26	15s29	22n 1	21n47	20s53	0s42	5n18

Julian Day Number = 2493363.5, Delta T = 100.32 sec
Ecliptic obliquity = 23°25'30, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°20'24, Lahiri = 25°27'25

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ASTRODIENST EPHEMERIS for the year 2114
geocentric

AUGUST 2114 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 37 14	8♌32'02	8♌10	22♌ 0	23♍34	0♈48	19°R26	11°R47	22♊36	15♎28	18♉36	10°R25	8♊57	5♐32	15°R47	W 1
T 2	20 41 10	9°29'26	22°18	23°50	24°25	1° 2	19♐24	11♈46	22°39	15°29	18°36	10♊15	8°54	5°39	15♓45	T 2
F 3	20 45 7	10°26'51	6♍ 6	25°38	25°15	1°16	19°21	11°45	22°42	15°30	18°37	10° 6	8°51	5°45	15°42	F 3
S 4	20 49 3	11°24'17	19°32	27°24	26° 5	1°29	19°19	11°44	22°44	15°32	18°37	9°57	8°48	5°52	15°40	S 4
S 5	20 53 0	12°21'43	2♎34	29° 9	26°54	1°41	19°17	11°43	22°47	15°33	18°37	9°49	8°45	5°58	15°38	S 5
M 6	20 56 56	13°19'09	15°13	0♍52	27°42	1°52	19°15	11°42	22°49	15°34	18°38	9°43	8°41	6° 5	15°36	M 6
T 7	21 0 53	14°16'37	27°33	2°34	28°30	2° 3	19°13	11°41	22°52	15°35	18°38	9°40	8°38	6°12	15°33	T 7
W 8	21 4 49	15°14'05	9♏37	4°13	29°16	2°13	19°11	11°39	22°54	15°37	18°38	9°38	8°35	6°18	15°31	W 8
T 9	21 8 46	16°11'34	21°31	5°52	0♎ 2	2°22	19°10	11°38	22°57	15°38	18°38	9°D38	8°32	6°25	15°29	T 9
F 10	21 12 42	17° 9'03	3♐20	7°28	0°47	2°31	19° 9	11°36	22°59	15°39	18°38	9°R39	8°29	6°32	15°26	F 10
S 11	21 16 39	18° 6'34	15° 9	9° 3	1°31	2°38	19° 8	11°34	23° 2	15°41	18°39	9°39	8°25	6°38	15°24	S 11
S 12	21 20 36	19° 4'05	27° 3	10°37	2°14	2°45	19° 7	11°32	23° 4	15°42	18°39	9°37	8°22	6°45	15°21	S 12
M13	21 24 32	20° 1'37	9♑ 7	12° 8	2°56	2°52	19° 6	11°30	23° 6	15°43	18°39	9°33	8°19	6°52	15°19	M13
T 14	21 28 29	20°59'10	21°24	13°39	3°37	2°57	19° 5	11°28	23° 9	15°45	18°39	9°27	8°16	6°58	15°16	T 14
W15	21 32 25	21°56'45	3♒58	15° 7	4°17	3° 1	19° 5	11°26	23°11	15°46	18°39	9°19	8°13	7° 5	15°14	W15
T 16	21 36 22	22°54'20	16°48	16°34	4°56	3° 5	19°D 5	11°24	23°13	15°48	18°39	9° 8	8°10	7°12	15°11	T 16
F 17	21 40 18	23°51'56	29°54	17°59	5°34	3° 8	19° 5	11°22	23°15	15°49	18°39	8°56	8° 6	7°18	15° 9	F 17
S 18	21 44 15	24°49'34	13♓16	19°23	6°11	3°10	19° 5	11°19	23°17	15°51	18°39	8°44	8° 3	7°25	15° 6	S 18
S 19	21 48 12	25°47'12	26°51	20°45	6°46	3°12	19° 6	11°17	23°19	15°52	18°R39	8°34	8° 0	7°31	15° 3	S 19
M20	21 52 8	26°44'53	10♈37	22° 5	7°21	3°R12	19° 6	11°14	23°21	15°54	18°39	8°25	7°57	7°38	15° 1	M20
T 21	21 56 5	27°42'34	24°30	23°23	7°53	3°12	19° 7	11°12	23°23	15°56	18°39	8°19	7°54	7°45	14°58	T 21
W22	22 0 1	28°40'18	8♉29	24°39	8°25	3°11	19° 8	11° 9	23°25	15°57	18°39	8°16	7°51	7°51	14°55	W22
T 23	22 3 58	29°38'03	22°32	25°54	8°55	3° 9	19° 9	11° 6	23°27	15°59	18°39	8°15	7°47	7°58	14°52	T 23
F 24	22 7 54	0♍35'50	6♊39	27° 7	9°24	3° 6	19°11	11° 3	23°29	16° 1	18°39	8°15	7°44	8° 5	14°50	F 24
S 25	22 11 51	1°33'38	20°48	28°17	9°51	3° 2	19°12	11° 0	23°31	16° 2	18°39	8°15	7°41	8°11	14°47	S 25
S 26	22 15 47	2°31'29	4♋58	29°26	10°16	2°57	19°14	10°57	23°33	16° 4	18°39	8°13	7°38	8°18	14°44	S 26
M27	22 19 44	3°29'21	19° 7	0♎32	10°40	2°52	19°16	10°54	23°34	16° 6	18°39	8° 9	7°35	8°25	14°41	M27
T 28	22 23 41	4°27'15	3♌12	1°36	11° 3	2°46	19°18	10°51	23°36	16° 7	18°38	8° 2	7°31	8°31	14°39	T 28
W29	22 27 37	5°25'10	17°11	2°37	11°23	2°39	19°20	10°47	23°38	16° 9	18°38	7°52	7°28	8°38	14°36	W29
T 30	22 31 34	6°23'07	0♍58	3°36	11°42	2°31	19°22	10°44	23°39	16°11	18°38	7°40	7°25	8°45	14°33	T 30
F 31	22 35 30	7♍21'05	14♍29	4♎33	11♎59	2♈23	19♐25	10♈41	23♊41	16♎13	18♉38	7♊28	7♊22	8♐51	14♓30	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n 7	22n22	4n18	15n41	1n36	1n36	1s 2	4s18	5s 2	22s39	0n22	2n22	2s29	23n18	0n 5	4s39	1n34	2n25	15s29	22n 0	21n47	20s55	0s42	5n19
T 2	17 52	18 38	4 50	15 1	1 32	1 9	1 10	4 14	5 4	22 39	0 21	2 21	2 30	23 18	0 5	4 39	1 34	2 25	15 30	21 58	21 46	20 57	0 43	5 19
F 3	17 37	13 58	5 4	14 21	1 27	0 42	1 17	4 11	5 7	22 39	0 21	2 21	2 30	23 18	0 5	4 40	1 34	2 25	15 30	21 57	21 46	20 59	0 44	5 19
S 4	17 21	8 45	5 0	13 40	1 23	0 15	1 25	4 8	5 9	22 39	0 21	2 20	2 30	23 18	0 5	4 40	1 34	2 25	15 30	21 56	21 45	21 1	0 45	5 19
S 5	17 5	3 17	4 41	12 58	1 17	0s11	1 33	4 6	5 11	22 39	0 21	2 19	2 30	23 18	0 5	4 41	1 34	2 25	15 31	21 55	21 45	21 3	0 45	5 19
M 6	16 49	2s10	4 9	12 17	1 12	0 38	1 41	4 3	5 14	22 39	0 21	2 19	2 31	23 19	0 5	4 41	1 34	2 24	15 31	21 54	21 44	21 5	0 46	5 19
T 7	16 32	7 24	3 25	11 35	1 6	1 4	1 49	4 1	5 16	22 39	0 21	2 18	2 31	23 19	0 5	4 42	1 34	2 24	15 31	21 53	21 44	21 7	0 47	5 19
W 8	16 15	12 16	2 33	10 52	0 59	1 30	1 57	3 59	5 18	22 39	0 20	2 17	2 31	23 19	0 5	4 42	1 34	2 24	15 32	21 53	21 43	21 9	0 48	5 19
T 9	15 58	16 36	1 35	10 10	0 52	1 56	2 6	3 58	5 21	22 39	0 20	2 16	2 31	23 19	0 5	4 43	1 34	2 24	15 32	21 53	21 43	21 11	0 49	5 19
F 10	15 41	20 15	0 34	9 28	0 45	2 22	2 14	3 56	5 23	22 39	0 20	2 15	2 32	23 19	0 5	4 43	1 33	2 24	15 32	21 53	21 42	21 13	0 49	5 20
S 11	15 24	23 5	0s29	8 45	0 38	2 47	2 23	3 55	5 25	22 39	0 20	2 14	2 32	23 19	0 5	4 44	1 33	2 23	15 32	21 53	21 42	21 15	0 50	5 20
S 12	15 6	24 55	1 31	8 3	0 30	3 12	2 32	3 54	5 27	22 39	0 20	2 14	2 32	23 19	0 5	4 44	1 33	2 23	15 33	21 53	21 41	21 17	0 51	5 20
M13	14 48	25 36	2 30	7 21	0 22	3 37	2 41	3 54	5 29	22 39	0 19	2 13	2 32	23 19	0 5	4 45	1 33	2 23	15 33	21 52	21 41	21 19	0 52	5 20
T 14	14 30	25 4	3 23	6 39	0 14	4 2	2 50	3 53	5 31	22 39	0 19	2 12	2 33	23 20	0 5	4 45	1 33	2 23	15 33	21 51	21 40	21 21	0 53	5 20
W15	14 11	23 15	4 7	5 57	0 6	4 27	2 59	3 53	5 33	22 40	0 19	2 10	2 33	23 20	0 5	4 46	1 33	2 22	15 34	21 50	21 40	21 23	0 54	5 20
T 16	13 52	20 13	4 39	5 16	0s 3	4 51	3 8	3 53	5 34	22 40	0 19	2 9	2 33	23 20	0 5	4 47	1 33	2 22	15 34	21 48	21 39	21 25	0 55	5 20
F 17	13 33	16 8	4 58	4 34	0 11	5 14	3 18	3 54	5 36	22 40	0 19	2 8	2 33	23 20	0 5	4 47	1 33	2 22	15 34	21 47	21 39	21 27	0 56	5 20
S 18	13 14	11 11	5 0	3 53	0 20	5 38	3 27	3 54	5 38	22 40	0 19	2 7	2 34	23 20	0 5	4 48	1 33	2 21	15 34	21 45	21 38	21 29	0 57	5 20
S 19	12 55	5 38	4 46	3 13	0 29	6 1	3 37	3 55	5 39	22 40	0 18	2 6	2 34	23 20	0 5	4 49	1 33	2 21	15 35	21 43	21 38	21 31	0 58	5 20
M20	12 35	0n17	4 16	2 33	0 39	6 23	3 47	3 57	5 41	22 41	0 18	2 5	2 34	23 20	0 5	4 49	1 33	2 21	15 35	21 42	21 37	21 33	0 59	5 20
T 21	12 16	6 14	3 30	1 53	0 48	6 45	3 57	3 58	5 42	22 41	0 18	2 4	2 34	23 20	0 5	4 50	1 33	2 21	15 35	21 41	21 37	21 35	1 0	5 20
W22	11 56	11 57	2 31	1 15	0 57	7 7	4 7	4 0	5 44	22 41	0 18	2 2	2 35	23 21	0 5	4 50	1 33	2 20	15 36	21 40	21 36	21 36	1 1	5 20
T 23	11 36	17 4	1 22	0 36	1 7	7 28	4 17	4 2	5 45	22 41	0 18	2 1	2 35	23 21	0 5	4 51	1 33	2 20	15 36	21 40	21 36	21 38	1 2	5 20
F 24	11 15	21 16	0 8	0s 1	1 17	7 49	4 27	4 4	5 46	22 42	0 18	2 0	2 35	23 21	0 5	4 52	1 33	2 20	15 36	21 40	21 35	21 40	1 3	5 20
S 25	10 55	24 12	1n 6	0 38	1 26	8 9	4 37	4 6	5 47	22 42	0 17	1 58	2 35	23 21	0 5	4 52	1 33	2 19	15 37	21 40	21 35	21 42	1 4	5 20
S 26	10 34	25 36	2 16	1 14	1 36	8 28	4 48	4 9	5 48	22 42	0 17	1 57	2 35	23 21	0 5	4 53	1 33	2 19	15 37	21 40	21 34	21 44	1 5	5 20
M27	10 13	25 20	3 18	1 50	1 46	8 47	4 58	4 12	5 49	22 42	0 17	1 55	2 36	23 21	0 5	4 54	1 33	2 19	15 37	21 39	21 34	21 46	1 6	5 20
T 28	9 52	23 26	4 7	2 24	1 55	9 6	5 8	4 15	5 49	22 43	0 17	1 54	2 36	23 21	0 5	4 55	1 33	2 18	15 37	21 38	21 33	21 48	1 7	5 20
W29	9 31	20 8	4 41	2 57	2 5	9 23	5 19	4 18	5 50	22 43	0 17	1 52	2 36	23 21	0 5	4 55	1 33	2 18	15 38	21 36	21 33	21 50	1 8	5 20
T 30	9 10	15 46	4 58	3 30	2 15	9 40	5 29	4 21	5 50	22 44	0 17	1 51	2 36	23 21	0 5	4 56	1 33	2 18	15 38	21 35	21 32	21 52	1 9	5 20
F 31	8n48	10n41	4n58	4s 1	2s24	9s57	5s40	4s25	5s50	22s44	0n16	1n49	2s36	23n21	0n 5	4s57	1n33	2n17	15s38	21n33	21n32	21s54	1s10	5n20

Julian Day Number = 2493394.5, Delta T = 100.36 sec
Ecliptic obliquity = 23°25'31, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°20'28, Lahiri = 25°27'29

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ASTRODIENST EPHEMERIS for the year 2114
geocentric

SEPTEMBER 2114 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 39 27	8♍19'05	27♍43	5♎26	12♎14	2°R13	19♐28	10°R37	23♊42	16♎15	18°R37	7°R16	7♊19	8♐58	14°R27	S 1
S 2	22 43 23	9°17'06	10♎37	6°16	12°27	2♈ 3	19°31	10♈33	23°44	16°17	18♉37	7♊ 5	7°16	9° 4	14♓24	S 2
M 3	22 47 20	10°15'09	23°11	7° 4	12°38	1°53	19°34	10°30	23°45	16°18	18°37	6°57	7°12	9°11	14°21	M 3
T 4	22 51 16	11°13'14	5♏28	7°47	12°46	1°41	19°37	10°26	23°46	16°20	18°37	6°51	7° 9	9°18	14°19	T 4
W 5	22 55 13	12°11'19	17°31	8°27	12°53	1°29	19°41	10°22	23°48	16°22	18°36	6°48	7° 6	9°24	14°16	W 5
T 6	22 59 9	13° 9'27	29°24	9° 3	12°57	1°17	19°44	10°18	23°49	16°24	18°36	6°47	7° 3	9°31	14°13	T 6
F 7	23 3 6	14° 7'35	11♐13	9°35	12°R59	1° 4	19°48	10°14	23°50	16°26	18°35	6°47	7° 0	9°38	14°10	F 7
S 8	23 7 3	15° 5'45	23° 2	10° 3	12°59	0°50	19°52	10°11	23°51	16°28	18°35	6°47	6°57	9°44	14° 7	S 8
S 9	23 10 59	16° 3'57	4♑58	10°26	12°57	0°36	19°57	10° 6	23°52	16°30	18°35	6°45	6°53	9°51	14° 4	S 9
M10	23 14 56	17° 2'10	17° 4	10°43	12°52	0°21	20° 1	10° 2	23°53	16°32	18°34	6°42	6°50	9°58	14° 1	M10
T 11	23 18 52	18° 0'25	29°27	10°56	12°44	0° 6	20° 5	9°58	23°54	16°34	18°34	6°36	6°47	10° 4	13°58	T 11
W12	23 22 49	18°58'41	12♒ 9	11° 2	12°35	29♓50	20°10	9°54	23°55	16°36	18°33	6°28	6°44	10°11	13°56	W12
T 13	23 26 45	19°56'59	25°13	11°R 3	12°23	29°35	20°15	9°50	23°56	16°38	18°33	6°18	6°41	10°18	13°53	T 13
F 14	23 30 42	20°55'18	8♓37	10°58	12° 8	29°18	20°20	9°46	23°57	16°40	18°32	6° 6	6°37	10°24	13°50	F 14
S 15	23 34 38	21°53'39	22°22	10°46	11°51	29° 2	20°25	9°41	23°58	16°42	18°32	5°54	6°34	10°31	13°47	S 15
S 16	23 38 35	22°52'02	6♈22	10°27	11°32	28°46	20°31	9°37	23°59	16°44	18°31	5°44	6°31	10°38	13°44	S 16
M17	23 42 32	23°50'27	20°33	10° 1	11°11	28°29	20°36	9°33	23°59	16°46	18°31	5°35	6°28	10°44	13°41	M17
T 18	23 46 28	24°48'54	4♉50	9°29	10°47	28°12	20°42	9°28	24° 0	16°48	18°30	5°29	6°25	10°51	13°39	T 18
W19	23 50 25	25°47'23	19° 9	8°50	10°21	27°55	20°48	9°24	24° 1	16°50	18°29	5°26	6°22	10°57	13°36	W19
T 20	23 54 21	26°45'54	3♊26	8° 5	9°54	27°38	20°54	9°19	24° 1	16°53	18°29	5°D25	6°18	11° 4	13°33	T 20
F 21	23 58 18	27°44'27	17°38	7°14	9°25	27°21	21° 0	9°15	24° 2	16°55	18°28	5°26	6°15	11°11	13°30	F 21
S 22	0 2 14	28°43'03	1♋44	6°17	8°54	27° 4	21° 6	9°10	24° 2	16°57	18°27	5°R26	6°12	11°17	13°28	S 22
S 23	0 6 11	29°41'41	15°43	5°17	8°21	26°47	21°12	9° 5	24° 3	16°59	18°27	5°25	6° 9	11°24	13°25	S 23
M24	0 10 7	0♎40'21	29°35	4°14	7°47	26°31	21°19	9° 1	24° 3	17° 1	18°26	5°22	6° 6	11°31	13°22	M24
T 25	0 14 4	1°39'04	13♌18	3° 9	7°13	26°14	21°26	8°56	24° 3	17° 3	18°25	5°16	6° 3	11°37	13°19	T 25
W26	0 18 1	2°37'48	26°51	2° 3	6°37	25°58	21°33	8°52	24° 3	17° 6	18°25	5° 8	5°59	11°44	13°17	W26
T 27	0 21 57	3°36'35	10♍13	1° 0	6° 1	25°42	21°40	8°47	24° 4	17° 8	18°24	4°58	5°56	11°51	13°14	T 27
F 28	0 25 54	4°35'23	23°22	29♍59	5°24	25°27	21°47	8°42	24° 4	17°10	18°23	4°47	5°53	11°57	13°12	F 28
S 29	0 29 50	5°34'14	6♎17	29° 4	4°47	25°12	21°54	8°37	24° 4	17°12	18°22	4°37	5°50	12° 4	13° 9	S 29
S 30	0 33 47	6♎33'06	18♎56	28♍14	4♎10	24♓57	22♐ 1	8♈33	24°R 4	17♎14	18♉22	4♊27	5♊47	12♐11	13♓ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n27	5n13	4n42	4s31	2s34	10s12	5s50	4s29	5s51	22s44	0n16	1n48	2s37	23n22	0n 5	4s57	1n33	2n17	15s39	21n31	21n31	21s56	1s11	5n20
S 2	8 5	0s21	4 11	4 59	2 43	10 27	6 1	4 33	5 51	22 45	0 16	1 46	2 37	23 22	0 5	4 58	1 33	2 17	15 39	21 29	21 31	21 58	1 12	5 20
M 3	7 43	5 46	3 29	5 26	2 52	10 41	6 11	4 37	5 50	22 45	0 16	1 45	2 37	23 22	0 5	4 59	1 33	2 16	15 39	21 27	21 30	21 59	1 14	5 20
T 4	7 21	10 51	2 38	5 52	3 1	10 53	6 21	4 41	5 50	22 45	0 16	1 43	2 37	23 22	0 5	5 0	1 33	2 16	15 39	21 26	21 30	22 1	1 15	5 20
W 5	6 59	15 27	1 40	6 15	3 10	11 5	6 32	4 45	5 50	22 46	0 16	1 41	2 37	23 22	0 5	5 0	1 33	2 16	15 40	21 26	21 29	22 3	1 16	5 20
T 6	6 37	19 23	0 39	6 37	3 18	11 16	6 42	4 50	5 49	22 46	0 15	1 40	2 37	23 22	0 5	5 1	1 33	2 15	15 40	21 26	21 28	22 5	1 17	5 20
F 7	6 15	22 30	0s24	6 57	3 26	11 26	6 51	4 54	5 48	22 47	0 15	1 38	2 38	23 22	0 5	5 2	1 33	2 15	15 40	21 26	21 28	22 7	1 18	5 20
S 8	5 52	24 40	1 25	7 15	3 34	11 35	7 1	4 59	5 47	22 47	0 15	1 36	2 38	23 22	0 5	5 3	1 33	2 15	15 40	21 26	21 27	22 9	1 19	5 20
S 9	5 30	25 43	2 24	7 31	3 41	11 43	7 11	5 3	5 46	22 48	0 15	1 35	2 38	23 22	0 5	5 3	1 33	2 14	15 41	21 26	21 27	22 11	1 20	5 20
M10	5 7	25 35	3 16	7 43	3 47	11 49	7 20	5 8	5 45	22 48	0 15	1 33	2 38	23 22	0 5	5 4	1 33	2 14	15 41	21 25	21 26	22 13	1 22	5 20
T 11	4 44	24 11	4 1	7 54	3 53	11 54	7 29	5 13	5 43	22 49	0 15	1 31	2 38	23 22	0 5	5 5	1 33	2 13	15 41	21 24	21 26	22 14	1 23	5 20
W12	4 22	21 32	4 35	8 1	3 58	11 58	7 37	5 17	5 42	22 49	0 14	1 29	2 38	23 22	0 5	5 6	1 33	2 13	15 42	21 23	21 25	22 16	1 24	5 20
T 13	3 59	17 45	4 56	8 5	4 2	12 1	7 45	5 22	5 40	22 50	0 14	1 28	2 39	23 22	0 5	5 7	1 32	2 13	15 42	21 21	21 25	22 18	1 25	5 20
F 14	3 36	12 59	5 1	8 6	4 5	12 2	7 53	5 26	5 38	22 50	0 14	1 26	2 39	23 22	0 5	5 7	1 32	2 12	15 42	21 19	21 24	22 20	1 26	5 19
S 15	3 13	7 28	4 49	8 3	4 7	12 2	8 0	5 31	5 36	22 51	0 14	1 24	2 39	23 22	0 5	5 8	1 32	2 12	15 42	21 17	21 24	22 22	1 27	5 19
S 16	2 50	1 27	4 20	7 56	4 8	12 1	8 6	5 35	5 33	22 51	0 14	1 22	2 39	23 23	0 5	5 9	1 32	2 12	15 43	21 15	21 23	22 24	1 29	5 19
M17	2 27	4n43	3 34	7 46	4 8	11 58	8 12	5 40	5 31	22 52	0 14	1 20	2 39	23 23	0 5	5 10	1 32	2 11	15 43	21 13	21 23	22 25	1 30	5 19
T 18	2 4	10 42	2 35	7 31	4 6	11 53	8 18	5 44	5 28	22 52	0 14	1 19	2 39	23 23	0 5	5 11	1 32	2 11	15 43	21 12	21 22	22 27	1 31	5 19
W19	1 40	16 8	1 25	7 12	4 2	11 47	8 22	5 48	5 25	22 53	0 13	1 17	2 39	23 23	0 5	5 11	1 32	2 10	15 43	21 12	21 21	22 29	1 32	5 19
T 20	1 17	20 39	0 11	6 49	3 56	11 40	8 26	5 52	5 22	22 54	0 13	1 15	2 39	23 23	0 5	5 12	1 32	2 10	15 44	21 12	21 21	22 31	1 33	5 19
F 21	0 54	23 55	1n 5	6 22	3 49	11 31	8 29	5 56	5 19	22 54	0 13	1 13	2 39	23 23	0 5	5 13	1 32	2 10	15 44	21 12	21 20	22 33	1 34	5 19
S 22	0 31	25 40	2 15	5 51	3 40	11 21	8 32	6 0	5 16	22 55	0 13	1 11	2 39	23 23	0 5	5 14	1 32	2 9	15 44	21 12	21 20	22 34	1 36	5 18
S 23	0 7	25 46	3 17	5 17	3 28	11 10	8 33	6 3	5 13	22 55	0 13	1 9	2 40	23 23	0 5	5 15	1 32	2 9	15 44	21 12	21 19	22 36	1 37	5 18
M24	0s16	24 15	4 7	4 40	3 15	10 57	8 34	6 7	5 9	22 56	0 13	1 7	2 40	23 23	0 5	5 16	1 32	2 9	15 44	21 11	21 19	22 38	1 38	5 18
T 25	0 39	21 19	4 42	4 0	3 0	10 43	8 33	6 10	5 6	22 56	0 13	1 6	2 40	23 23	0 5	5 16	1 32	2 8	15 45	21 10	21 18	22 40	1 39	5 18
W26	1 3	17 16	5 1	3 19	2 44	10 27	8 32	6 13	5 2	22 57	0 12	1 4	2 40	23 23	0 5	5 17	1 32	2 8	15 45	21 9	21 18	22 42	1 40	5 18
T 27	1 26	12 24	5 3	2 38	2 26	10 11	8 30	6 16	4 58	22 58	0 12	1 2	2 40	23 23	0 5	5 18	1 32	2 7	15 45	21 7	21 17	22 43	1 42	5 18
F 28	1 49	7 3	4 48	1 56	2 7	9 54	8 27	6 18	4 54	22 58	0 12	1 0	2 40	23 23	0 5	5 19	1 32	2 7	15 45	21 5	21 17	22 45	1 43	5 17
S 29	2 13	1 29	4 19	1 16	1 47	9 35	8 23	6 20	4 50	22 59	0 12	0 58	2 40	23 23	0 5	5 20	1 32	2 7	15 45	21 3	21 16	22 47	1 44	5 17
S 30	2s36	4s 3	3n38	0s38	1s27	9s16	8s18	6s22	4s46	22s59	0n12	0n56	2s40	23n23	0n 5	5s21	1n32	2n 6	15s46	21n 1	21n15	22s49	1s45	5n17

Julian Day Number = 2493425.5, Delta T = 100.41 sec
Ecliptic obliquity = 23°25'32, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°20'33, Lahiri = 25°27'33

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ASTRODIENST EPHEMERIS for the year 2114
geocentric

OCTOBER 2114 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 37 43	7♎32'01	1♏20	27°R32	3°R34	24°R43	22♐ 9	8°R28	24°R 4	17♎16	18°R21	4°R20	5♊43	12♐17	13°R 4	M 1
T 2	0 41 40	8°30'58	13°31	26♍59	2♎58	24♓29	22°17	8♈23	24♊ 4	17°19	18♉20	4♊16	5°40	12°24	13♓ 1	T 2
W 3	0 45 36	9°29'56	25°30	26°35	2°23	24°16	22°25	8°19	24° 4	17°21	18°19	4°13	5°37	12°30	12°59	W 3
T 4	0 49 33	10°28'56	7♐21	26°22	1°48	24° 4	22°33	8°14	24° 3	17°23	18°18	4°D13	5°34	12°37	12°56	T 4
F 5	0 53 30	11°27'58	19° 8	26°D19	1°15	23°52	22°41	8° 9	24° 3	17°25	18°17	4°14	5°31	12°44	12°54	F 5
S 6	0 57 26	12°27'02	0♑57	26°26	0°44	23°40	22°49	8° 5	24° 3	17°28	18°17	4°15	5°28	12°50	12°52	S 6
S 7	1 1 23	13°26'08	12°51	26°43	0°14	23°30	22°57	8° 0	24° 2	17°30	18°16	4°R15	5°24	12°57	12°49	S 7
M 8	1 5 19	14°25'16	24°57	27°11	29♍46	23°20	23° 6	7°55	24° 2	17°32	18°15	4°15	5°21	13° 4	12°47	M 8
T 9	1 9 16	15°24'25	7♒20	27°48	29°19	23°11	23°15	7°51	24° 2	17°34	18°14	4°12	5°18	13°10	12°45	T 9
W10	1 13 12	16°23'36	20° 3	28°33	28°55	23° 2	23°23	7°46	24° 1	17°36	18°13	4° 8	5°15	13°17	12°42	W10
T 11	1 17 9	17°22'49	3♓11	29°27	28°33	22°55	23°32	7°41	24° 1	17°39	18°12	4° 2	5°12	13°24	12°40	T 11
F 12	1 21 5	18°22'03	16°44	0♎28	28°13	22°48	23°41	7°37	24° 0	17°41	18°11	3°54	5° 8	13°30	12°38	F 12
S 13	1 25 2	19°21'19	0♈42	1°36	27°55	22°41	23°50	7°32	23°59	17°43	18°10	3°47	5° 5	13°37	12°36	S 13
S 14	1 28 58	20°20'38	15° 1	2°50	27°40	22°36	24° 0	7°28	23°59	17°45	18° 9	3°40	5° 2	13°44	12°34	S 14
M15	1 32 55	21°19'58	29°35	4° 9	27°27	22°31	24° 9	7°23	23°58	17°48	18° 8	3°35	4°59	13°50	12°32	M15
T 16	1 36 52	22°19'21	14♉18	5°32	27°17	22°28	24°18	7°19	23°57	17°50	18° 7	3°31	4°56	13°57	12°30	T 16
W17	1 40 48	23°18'45	29° 3	6°59	27° 9	22°25	24°28	7°14	23°56	17°52	18° 6	3°D30	4°53	14° 3	12°28	W17
T 18	1 44 45	24°18'12	13♊43	8°30	27° 4	22°22	24°38	7°10	23°55	17°54	18° 5	3°30	4°49	14°10	12°26	T 18
F 19	1 48 41	25°17'42	28°12	10° 3	27° 1	22°21	24°48	7° 6	23°54	17°57	18° 4	3°31	4°46	14°17	12°24	F 19
S 20	1 52 38	26°17'13	12♋28	11°38	27°D 0	22°D20	24°57	7° 1	23°53	17°59	18° 3	3°33	4°43	14°23	12°22	S 20
S 21	1 56 34	27°16'47	26°29	13°15	27° 2	22°20	25° 8	6°57	23°52	18° 1	18° 2	3°R33	4°40	14°30	12°20	S 21
M22	2 0 31	28°16'23	10♌13	14°53	27° 6	22°21	25°18	6°53	23°51	18° 3	18° 1	3°33	4°37	14°37	12°18	M22
T 23	2 4 28	29°16'02	23°43	16°32	27°13	22°23	25°28	6°49	23°50	18° 5	18° 0	3°31	4°34	14°43	12°17	T 23
W24	2 8 24	0♏15'43	6♍57	18°12	27°22	22°25	25°38	6°45	23°49	18° 8	17°59	3°27	4°30	14°50	12°15	W24
T 25	2 12 21	1°15'25	19°57	19°53	27°33	22°28	25°49	6°41	23°48	18°10	17°58	3°22	4°27	14°57	12°13	T 25
F 26	2 16 17	2°15'10	2♎44	21°34	27°46	22°32	25°59	6°37	23°46	18°12	17°57	3°16	4°24	15° 3	12°12	F 26
S 27	2 20 14	3°14'58	15°18	23°15	28° 1	22°37	26°10	6°33	23°45	18°14	17°56	3°11	4°21	15°10	12°10	S 27
S 28	2 24 10	4°14'47	27°41	24°56	28°19	22°43	26°21	6°29	23°44	18°16	17°55	3° 7	4°18	15°17	12° 9	S 28
M29	2 28 7	5°14'38	9♏52	26°37	28°38	22°49	26°31	6°25	23°42	18°19	17°54	3° 3	4°14	15°23	12° 7	M29
T 30	2 32 3	6°14'31	21°53	28°18	28°59	22°56	26°42	6°21	23°41	18°21	17°52	3° 1	4°11	15°30	12° 6	T 30
W31	2 36 0	7♏14'26	3♐47	29♎59	29♍22	23♓ 4	26♐53	6♈17	23♊39	18♎23	17♉51	3°D 1	4♊ 8	15♐37	12♓ 5	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2s59	9s19	2n47	0s 2	1s 7	8s56	8s12	6s24	4s41	23s 0	0n12	0n54	2s40	23n23	0n 5	5s21	1n32	2n 6	15s46	21n 0	21n15	22s50	1s46	5n17
T 2	3 23	14 9	1 49	0n29	0 46	8 36	8 5	6 25	4 37	23 1	0 12	0 52	2 40	23 23	0 5	5 22	1 32	2 5	15 46	20 59	21 14	22 52	1 47	5 17
W 3	3 46	18 22	0 47	0 57	0 27	8 15	7 58	6 27	4 32	23 1	0 11	0 51	2 40	23 23	0 5	5 23	1 32	2 5	15 46	20 59	21 14	22 54	1 48	5 16
T 4	4 9	21 48	0s17	1 19	0 8	7 54	7 50	6 27	4 28	23 2	0 11	0 49	2 40	23 23	0 5	5 24	1 32	2 5	15 46	20 59	21 13	22 55	1 50	5 16
F 5	4 32	24 18	1 20	1 37	0n10	7 32	7 41	6 28	4 23	23 2	0 11	0 47	2 40	23 23	0 5	5 25	1 32	2 4	15 47	20 59	21 13	22 57	1 51	5 16
S 6	4 55	25 44	2 19	1 49	0 26	7 11	7 31	6 28	4 19	23 3	0 11	0 45	2 40	23 23	0 5	5 26	1 32	2 4	15 47	20 59	21 12	22 59	1 52	5 16
S 7	5 18	26 0	3 13	1 57	0 42	6 49	7 20	6 28	4 14	23 3	0 11	0 43	2 40	23 23	0 5	5 27	1 32	2 3	15 47	20 59	21 12	23 1	1 53	5 16
M 8	5 41	25 3	3 59	1 58	0 56	6 28	7 9	6 28	4 9	23 4	0 11	0 41	2 40	23 23	0 6	5 27	1 32	2 3	15 47	20 59	21 11	23 2	1 54	5 15
T 9	6 4	22 52	4 36	1 55	1 8	6 7	6 58	6 27	4 4	23 5	0 11	0 40	2 40	23 23	0 6	5 28	1 32	2 3	15 47	20 58	21 10	23 4	1 55	5 15
W10	6 27	19 31	4 59	1 47	1 19	5 46	6 46	6 26	4 0	23 5	0 10	0 38	2 40	23 23	0 6	5 29	1 32	2 2	15 47	20 58	21 10	23 6	1 56	5 15
T 11	6 49	15 7	5 9	1 35	1 29	5 26	6 33	6 24	3 55	23 6	0 10	0 36	2 40	23 23	0 6	5 30	1 32	2 2	15 48	20 56	21 9	23 7	1 57	5 15
F 12	7 12	9 51	5 1	1 18	1 37	5 7	6 21	6 23	3 50	23 6	0 10	0 34	2 40	23 23	0 6	5 31	1 32	2 2	15 48	20 55	21 9	23 9	1 58	5 14
S 13	7 34	3 56	4 36	0 57	1 44	4 48	6 8	6 21	3 45	23 7	0 10	0 32	2 40	23 23	0 6	5 32	1 32	2 1	15 48	20 54	21 8	23 11	1 59	5 14
S 14	7 57	2n20	3 52	0 33	1 50	4 30	5 54	6 18	3 40	23 7	0 10	0 31	2 40	23 23	0 6	5 32	1 32	2 1	15 48	20 52	21 8	23 13	2 0	5 14
M15	8 19	8 37	2 54	0 6	1 54	4 12	5 41	6 16	3 35	23 8	0 10	0 29	2 40	23 23	0 6	5 33	1 32	2 0	15 48	20 51	21 7	23 14	2 1	5 14
T 16	8 41	14 30	1 42	0s24	1 57	3 56	5 27	6 13	3 31	23 8	0 10	0 27	2 40	23 23	0 6	5 34	1 32	2 0	15 48	20 51	21 6	23 16	2 2	5 13
W17	9 3	19 33	0 24	0 57	1 59	3 40	5 14	6 10	3 26	23 9	0 10	0 26	2 40	23 23	0 6	5 35	1 32	2 0	15 48	20 50	21 6	23 17	2 3	5 13
T 18	9 25	23 21	0n55	1 31	2 0	3 25	5 0	6 6	3 21	23 10	0 9	0 24	2 40	23 23	0 6	5 36	1 32	1 59	15 48	20 51	21 5	23 19	2 4	5 13
F 19	9 47	25 35	2 11	2 8	2 0	3 11	4 46	6 2	3 16	23 10	0 9	0 22	2 40	23 23	0 6	5 37	1 32	1 59	15 49	20 51	21 5	23 21	2 5	5 13
S 20	10 8	26 6	3 16	2 46	2 0	2 59	4 32	5 58	3 11	23 11	0 9	0 21	2 39	23 23	0 6	5 37	1 32	1 59	15 49	20 51	21 4	23 22	2 6	5 12
S 21	10 30	24 55	4 9	3 24	1 58	2 47	4 19	5 54	3 7	23 11	0 9	0 19	2 39	23 23	0 6	5 38	1 32	1 58	15 49	20 51	21 4	23 24	2 7	5 12
M22	10 51	22 16	4 47	4 4	1 56	2 36	4 5	5 49	3 2	23 12	0 9	0 17	2 39	23 23	0 6	5 39	1 32	1 58	15 49	20 51	21 3	23 26	2 8	5 12
T 23	11 12	18 27	5 8	4 45	1 54	2 26	3 52	5 44	2 57	23 12	0 9	0 16	2 39	23 23	0 6	5 40	1 32	1 57	15 49	20 51	21 2	23 27	2 9	5 11
W24	11 33	13 46	5 11	5 26	1 50	2 18	3 39	5 39	2 53	23 12	0 9	0 14	2 39	23 23	0 6	5 41	1 32	1 57	15 49	20 50	21 2	23 29	2 10	5 11
T 25	11 54	8 34	4 59	6 7	1 47	2 10	3 25	5 34	2 48	23 13	0 9	0 13	2 39	23 23	0 6	5 42	1 32	1 57	15 49	20 49	21 1	23 31	2 11	5 11
F 26	12 15	3 5	4 32	6 49	1 42	2 3	3 12	5 28	2 44	23 13	0 8	0 11	2 39	23 23	0 6	5 42	1 32	1 56	15 49	20 48	21 1	23 32	2 12	5 10
S 27	12 35	2s27	3 52	7 31	1 38	1 58	3 0	5 22	2 39	23 14	0 8	0 10	2 39	23 22	0 6	5 43	1 33	1 56	15 49	20 47	21 0	23 34	2 13	5 10
S 28	12 56	7 49	3 2	8 13	1 33	1 53	2 47	5 16	2 35	23 14	0 8	0 9	2 39	23 22	0 6	5 44	1 33	1 56	15 49	20 46	20 59	23 35	2 13	5 10
M29	13 16	12 48	2 4	8 54	1 27	1 49	2 35	5 9	2 30	23 15	0 8	0 7	2 38	23 22	0 6	5 45	1 33	1 55	15 49	20 45	20 59	23 37	2 14	5 10
T 30	13 36	17 15	1 1	9 35	1 22	1 47	2 23	5 2	2 26	23 15	0 8	0 6	2 38	23 22	0 6	5 46	1 33	1 55	15 49	20 45	20 58	23 39	2 15	5 9
W31	13s55	20s58	0s 4	10s16	1n16	1s45	2s11	4s55	2s22	23s15	0n 8	0n 4	2s38	23n22	0n 6	5s46	1n33	1n55	15s49	20n45	20n58	23s40	2s16	5n 9

Julian Day Number = 2493455.5, Delta T = 100.45 sec
Ecliptic obliquity = 23°25'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°20'37, Lahiri = 25°27'37

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ASTRODIENST EPHEMERIS for the year 2114
geocentric

NOVEMBER 2114 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 39 56	8♏14'23	15♐36	1♏40	29♍47	23♓12	27♐ 4	6°R14	23°R38	18♎25	17°R50	3♊ 1	4♊ 5	15♐43	12°R 3	T 1
F 2	2 43 53	9°14'22	27°22	3°20	0♎14	23°21	27°16	6♈10	23♊36	18°27	17♉49	3° 3	4° 2	15°50	12♓ 2	F 2
S 3	2 47 50	10°14'23	9♑10	5° 0	0°42	23°31	27°27	6° 7	23°35	18°29	17°48	3° 4	3°59	15°56	12° 1	S 3
S 4	2 51 46	11°14'25	21° 4	6°40	1°12	23°42	27°38	6° 3	23°33	18°31	17°47	3° 6	3°55	16° 3	12° 0	S 4
M 5	2 55 43	12°14'28	3♒ 8	8°19	1°43	23°53	27°50	6° 0	23°31	18°33	17°46	3° 7	3°52	16°10	11°59	M 5
T 6	2 59 39	13°14'34	15°27	9°58	2°16	24° 5	28° 1	5°57	23°29	18°35	17°45	3°R 7	3°49	16°16	11°58	T 6
W 7	3 3 36	14°14'40	28° 6	11°36	2°50	24°18	28°13	5°54	23°28	18°38	17°44	3° 7	3°46	16°23	11°57	W 7
T 8	3 7 32	15°14'49	11♓ 9	13°14	3°26	24°31	28°25	5°51	23°26	18°40	17°42	3° 5	3°43	16°30	11°56	T 8
F 9	3 11 29	16°14'59	24°39	14°51	4° 3	24°45	28°36	5°48	23°24	18°42	17°41	3° 3	3°40	16°36	11°55	F 9
S 10	3 15 25	17°15'10	8♈37	16°29	4°41	25° 0	28°48	5°45	23°22	18°44	17°40	3° 1	3°36	16°43	11°55	S 10
S 11	3 19 22	18°15'23	23° 0	18° 5	5°21	25°15	29° 0	5°42	23°20	18°46	17°39	2°59	3°33	16°50	11°54	S 11
M12	3 23 19	19°15'37	7♉45	19°42	6° 2	25°30	29°12	5°39	23°18	18°48	17°38	2°58	3°30	16°56	11°53	M12
T 13	3 27 15	20°15'54	22°45	21°18	6°44	25°47	29°24	5°36	23°16	18°50	17°37	2°57	3°27	17° 3	11°53	T 13
W14	3 31 12	21°16'12	7♊51	22°53	7°27	26° 3	29°36	5°34	23°14	18°52	17°36	2°D57	3°24	17°10	11°52	W14
T 15	3 35 8	22°16'32	22°54	24°29	8°11	26°21	29°48	5°31	23°12	18°54	17°35	2°57	3°20	17°16	11°52	T 15
F 16	3 39 5	23°16'54	7♋47	26° 4	8°56	26°39	0♑ 1	5°29	23°10	18°55	17°33	2°58	3°17	17°23	11°51	F 16
S 17	3 43 1	24°17'17	22°22	27°39	9°42	26°57	0°13	5°27	23° 8	18°57	17°32	2°59	3°14	17°30	11°51	S 17
S 18	3 46 58	25°17'43	6♌36	29°13	10°29	27°16	0°25	5°25	23° 6	18°59	17°31	2°59	3°11	17°36	11°50	S 18
M19	3 50 55	26°18'10	20°26	0♐47	11°17	27°35	0°38	5°22	23° 4	19° 1	17°30	3°R 0	3° 8	17°43	11°50	M19
T 20	3 54 51	27°18'40	3♍53	2°21	12° 6	27°55	0°50	5°20	23° 1	19° 3	17°29	3° 0	3° 5	17°50	11°50	T 20
W21	3 58 48	28°19'11	17° 0	3°55	12°56	28°16	1° 3	5°19	22°59	19° 5	17°28	2°59	3° 1	17°56	11°50	W21
T 22	4 2 44	29°19'43	29°47	5°29	13°46	28°36	1°16	5°17	22°57	19° 7	17°27	2°59	2°58	18° 3	11°50	T 22
F 23	4 6 41	0♐20'18	12♎18	7° 2	14°38	28°58	1°28	5°15	22°55	19° 8	17°26	2°59	2°55	18° 9	11°D50	F 23
S 24	4 10 37	1°20'54	24°36	8°35	15°30	29°19	1°41	5°13	22°52	19°10	17°25	2°58	2°52	18°16	11°50	S 24
S 25	4 14 34	2°21'32	6♏43	10° 8	16°23	29°42	1°54	5°12	22°50	19°12	17°24	2°58	2°49	18°23	11°50	S 25
M26	4 18 30	3°22'12	18°42	11°41	17°16	0♈ 4	2° 7	5°11	22°48	19°14	17°22	2°D58	2°46	18°29	11°50	M26
T 27	4 22 27	4°22'53	0♐35	13°14	18°10	0°27	2°20	5° 9	22°45	19°15	17°21	2°R58	2°42	18°36	11°50	T 27
W28	4 26 23	5°23'35	12°24	14°46	19° 5	0°51	2°33	5° 8	22°43	19°17	17°20	2°58	2°39	18°43	11°51	W28
T 29	4 30 20	6°24'19	24°12	16°19	20° 1	1°14	2°46	5° 7	22°40	19°19	17°19	2°58	2°36	18°49	11°51	T 29
F 30	4 34 17	7♐25'04	6♑ 0	17♐51	20♎57	1♈39	2♑59	5♈ 6	22♊38	19♎20	17♉18	2♊57	2♊33	18♐56	11♓51	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s15	23s47	1s 9	10s57	1n10	1s44	1s59	4s48	2s17	23s16	0n 8	0n 3	2s38	23n22	0n 6	5s47	1n33	1n54	15s50	20n45	20n57	23s42	2s17	5n 9
F 2	14 34	25 34	2 10	11 37	1 4	1 44	1 48	4 40	2 13	23 16	0 8	0 2	2 38	23 22	0 6	5 48	1 33	1 54	15 50	20 45	20 56	23 43	2 17	5 8
S 3	14 53	26 13	3 7	12 16	0 58	1 45	1 37	4 33	2 9	23 16	0 8	0 1	2 38	23 22	0 6	5 49	1 33	1 54	15 50	20 46	20 56	23 45	2 18	5 8
S 4	15 12	25 39	3 55	12 55	0 51	1 47	1 26	4 25	2 5	23 17	0 7	0s 1	2 38	23 22	0 6	5 50	1 33	1 54	15 50	20 46	20 55	23 46	2 19	5 8
M 5	15 30	23 53	4 34	13 34	0 45	1 50	1 15	4 17	2 1	23 17	0 7	0 2	2 37	23 22	0 6	5 50	1 33	1 53	15 50	20 46	20 55	23 48	2 19	5 7
T 6	15 48	20 59	5 1	14 11	0 38	1 53	1 5	4 8	1 57	23 17	0 7	0 3	2 37	23 22	0 6	5 51	1 33	1 53	15 50	20 46	20 54	23 50	2 20	5 7
W 7	16 6	17 3	5 15	14 48	0 32	1 58	0 54	4 0	1 53	23 18	0 7	0 4	2 37	23 22	0 6	5 52	1 33	1 53	15 50	20 46	20 53	23 51	2 21	5 7
T 8	16 24	12 12	5 13	15 24	0 25	2 3	0 45	3 51	1 49	23 18	0 7	0 5	2 37	23 22	0 6	5 53	1 33	1 52	15 50	20 46	20 53	23 53	2 21	5 6
F 9	16 41	6 37	4 54	16 0	0 18	2 9	0 35	3 42	1 46	23 18	0 7	0 6	2 37	23 22	0 6	5 53	1 33	1 52	15 50	20 45	20 52	23 54	2 22	5 6
S 10	16 58	0 32	4 18	16 34	0 11	2 15	0 25	3 33	1 42	23 18	0 7	0 7	2 37	23 22	0 6	5 54	1 33	1 52	15 50	20 45	20 52	23 56	2 23	5 6
S 11	17 15	5n47	3 24	17 8	0 5	2 22	0 16	3 23	1 38	23 19	0 7	0 8	2 36	23 21	0 6	5 55	1 33	1 52	15 50	20 45	20 51	23 57	2 23	5 5
M12	17 32	11 57	2 15	17 41	0s 2	2 30	0 7	3 14	1 35	23 19	0 7	0 9	2 36	23 21	0 6	5 56	1 33	1 51	15 50	20 44	20 50	23 59	2 24	5 5
T 13	17 48	17 32	0 56	18 13	0 9	2 39	0n 1	3 4	1 31	23 19	0 6	0 10	2 36	23 21	0 6	5 56	1 33	1 51	15 49	20 44	20 50	24 0	2 24	5 5
W14	18 4	22 3	0n27	18 44	0 16	2 48	0 10	2 54	1 28	23 19	0 6	0 11	2 36	23 21	0 6	5 57	1 33	1 51	15 49	20 44	20 49	24 2	2 25	5 4
T 15	18 20	25 3	1 49	19 14	0 22	2 58	0 18	2 44	1 24	23 19	0 6	0 11	2 36	23 21	0 6	5 58	1 33	1 51	15 49	20 44	20 49	24 3	2 25	5 4
F 16	18 35	26 13	3 2	19 44	0 29	3 9	0 26	2 34	1 21	23 19	0 6	0 12	2 36	23 21	0 6	5 58	1 33	1 50	15 49	20 44	20 48	24 5	2 26	5 4
S 17	18 50	25 32	4 1	20 12	0 35	3 20	0 33	2 24	1 17	23 19	0 6	0 13	2 35	23 21	0 6	5 59	1 33	1 50	15 49	20 44	20 47	24 6	2 26	5 3
S 18	19 5	23 12	4 45	20 39	0 42	3 32	0 41	2 13	1 14	23 20	0 6	0 14	2 35	23 21	0 6	6 0	1 33	1 50	15 49	20 45	20 47	24 8	2 27	5 3
M19	19 19	19 34	5 10	21 5	0 48	3 44	0 48	2 3	1 11	23 20	0 6	0 14	2 35	23 21	0 6	6 0	1 33	1 50	15 49	20 45	20 46	24 9	2 27	5 3
T 20	19 33	15 0	5 18	21 30	0 54	3 56	0 55	1 52	1 8	23 20	0 6	0 15	2 35	23 21	0 6	6 1	1 33	1 49	15 49	20 45	20 46	24 11	2 28	5 2
W21	19 46	9 52	5 8	21 54	1 0	4 10	1 1	1 41	1 5	23 20	0 6	0 15	2 34	23 20	0 6	6 2	1 33	1 49	15 49	20 45	20 45	24 12	2 28	5 2
T 22	20 0	4 26	4 44	22 18	1 6	4 23	1 8	1 30	1 2	23 20	0 6	0 16	2 34	23 20	0 6	6 2	1 33	1 49	15 49	20 45	20 44	24 13	2 28	5 2
F 23	20 13	1s 5	4 6	22 39	1 12	4 37	1 14	1 19	0 59	23 20	0 5	0 16	2 34	23 20	0 6	6 3	1 33	1 49	15 49	20 44	20 44	24 15	2 29	5 1
S 24	20 25	6 27	3 18	23 0	1 18	4 52	1 20	1 7	0 56	23 20	0 5	0 17	2 34	23 20	0 6	6 4	1 33	1 49	15 49	20 44	20 43	24 16	2 29	5 1
S 25	20 37	11 32	2 21	23 20	1 23	5 7	1 26	0 56	0 53	23 20	0 5	0 17	2 34	23 20	0 6	6 4	1 33	1 48	15 49	20 44	20 43	24 18	2 29	5 0
M26	20 49	16 7	1 19	23 38	1 29	5 22	1 31	0 44	0 50	23 19	0 5	0 18	2 33	23 20	0 6	6 5	1 33	1 48	15 48	20 44	20 42	24 19	2 29	5 0
T 27	21 0	20 3	0 13	23 55	1 34	5 38	1 37	0 33	0 48	23 19	0 5	0 18	2 33	23 20	0 6	6 6	1 33	1 48	15 48	20 44	20 41	24 21	2 30	5 0
W28	21 11	23 8	0s52	24 11	1 39	5 54	1 42	0 21	0 45	23 19	0 5	0 18	2 33	23 20	0 6	6 6	1 33	1 48	15 48	20 44	20 41	24 22	2 30	4 59
T 29	21 22	25 13	1 55	24 26	1 43	6 10	1 47	0 9	0 42	23 19	0 5	0 18	2 33	23 20	0 6	6 7	1 34	1 48	15 48	20 44	20 40	24 23	2 30	4 59
F 30	21s32	26s11	2s53	24s40	1s48	6s27	1n52	0n 3	0s40	23s19	0n 5	0s18	2s32	23n19	0n 6	6s 7	1n34	1n48	15s48	20n44	20n39	24s25	2s30	4n59

Julian Day Number = 2493486.5, Delta T = 100.50 sec
Ecliptic obliquity = 23°25'32, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°20'41, Lahiri = 25°27'42

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ASTRODIENST EPHEMERIS for the year 2114
geocentric

DECEMBER 2114 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 38 13	8♐25'50	17♑50	19♐23	21♎54	2♈ 3	3♑12	5°R 5	22°R36	19♎22	17°R17	2°R57	2♊30	19♐ 3	11♓52	S 1
S 2	4 42 10	9°26'38	29°47	20°55	22°51	2°28	3°25	5♈ 4	22♊33	19°24	17♉16	2♊56	2°26	19° 9	11°52	S 2
M 3	4 46 6	10°27'26	11♒52	22°26	23°49	2°53	3°38	5° 4	22°31	19°25	17°15	2°55	2°23	19°16	11°53	M 3
T 4	4 50 3	11°28'15	24°11	23°58	24°47	3°19	3°51	5° 3	22°28	19°27	17°14	2°54	2°20	19°23	11°54	T 4
W 5	4 53 59	12°29'06	6♓46	25°29	25°46	3°45	4° 5	5° 3	22°26	19°28	17°13	2°D54	2°17	19°29	11°54	W 5
T 6	4 57 56	13°29'57	19°42	27° 0	26°45	4°11	4°18	5° 2	22°23	19°30	17°12	2°54	2°14	19°36	11°55	T 6
F 7	5 1 53	14°30'48	3♈ 1	28°31	27°45	4°38	4°31	5° 2	22°21	19°31	17°11	2°54	2°11	19°43	11°56	F 7
S 8	5 5 49	15°31'41	16°47	0♑ 2	28°45	5° 5	4°45	5°D 2	22°18	19°33	17°10	2°55	2° 7	19°49	11°57	S 8
S 9	5 9 46	16°32'34	1♉ 0	1°32	29°46	5°32	4°58	5° 2	22°15	19°34	17° 9	2°56	2° 4	19°56	11°58	S 9
M10	5 13 42	17°33'28	15°38	3° 2	0♏47	6° 0	5°12	5° 2	22°13	19°36	17° 8	2°57	2° 1	20° 3	11°59	M10
T 11	5 17 39	18°34'23	0♊36	4°31	1°48	6°27	5°25	5° 3	22°10	19°37	17° 7	2°R58	1°58	20° 9	12° 0	T 11
W12	5 21 35	19°35'19	15°48	5°59	2°50	6°56	5°39	5° 3	22° 8	19°38	17° 6	2°58	1°55	20°16	12° 1	W12
T 13	5 25 32	20°36'16	1♋ 4	7°27	3°52	7°24	5°52	5° 3	22° 5	19°40	17° 5	2°56	1°52	20°23	12° 2	T 13
F 14	5 29 28	21°37'14	16°14	8°55	4°55	7°53	6° 6	5° 4	22° 3	19°41	17° 5	2°54	1°48	20°29	12° 3	F 14
S 15	5 33 25	22°38'13	1♌ 8	10°21	5°58	8°21	6°19	5° 5	22° 0	19°42	17° 4	2°52	1°45	20°36	12° 4	S 15
S 16	5 37 22	23°39'13	15°39	11°46	7° 1	8°51	6°33	5° 5	21°58	19°43	17° 3	2°49	1°42	20°42	12° 6	S 16
M17	5 41 18	24°40'14	29°43	13° 9	8° 5	9°20	6°47	5° 6	21°55	19°45	17° 2	2°46	1°39	20°49	12° 7	M17
T 18	5 45 15	25°41'15	13♍19	14°31	9° 9	9°49	7° 0	5° 7	21°52	19°46	17° 1	2°45	1°36	20°56	12° 9	T 18
W19	5 49 11	26°42'18	26°28	15°51	10°13	10°19	7°14	5° 8	21°50	19°47	17° 0	2°D44	1°32	21° 2	12°10	W19
T 20	5 53 8	27°43'21	9♎12	17° 9	11°18	10°49	7°28	5° 9	21°47	19°48	16°59	2°45	1°29	21° 9	12°12	T 20
F 21	5 57 4	28°44'26	21°37	18°24	12°23	11°20	7°42	5°11	21°45	19°49	16°59	2°46	1°26	21°16	12°13	F 21
S 22	6 1 1	29°45'31	3♏47	19°37	13°28	11°50	7°55	5°12	21°42	19°50	16°58	2°48	1°23	21°22	12°15	S 22
S 23	6 4 57	0♑46'38	15°45	20°45	14°34	12°21	8° 9	5°14	21°40	19°51	16°57	2°50	1°20	21°29	12°17	S 23
M24	6 8 54	1°47'45	27°36	21°50	15°40	12°52	8°23	5°15	21°37	19°52	16°56	2°R51	1°17	21°36	12°18	M24
T 25	6 12 51	2°48'52	9♐23	22°50	16°46	13°23	8°37	5°17	21°35	19°53	16°55	2°51	1°13	21°42	12°20	T 25
W26	6 16 47	3°50'01	21°10	23°44	17°52	13°54	8°50	5°19	21°32	19°54	16°55	2°49	1°10	21°49	12°22	W26
T 27	6 20 44	4°51'09	2♑59	24°32	18°59	14°25	9° 4	5°21	21°30	19°55	16°54	2°46	1° 7	21°56	12°24	T 27
F 28	6 24 40	5°52'18	14°52	25°13	20° 5	14°57	9°18	5°23	21°27	19°56	16°53	2°41	1° 4	22° 2	12°26	F 28
S 29	6 28 37	6°53'28	26°50	25°46	21°12	15°29	9°32	5°25	21°25	19°56	16°53	2°35	1° 1	22° 9	12°28	S 29
S 30	6 32 33	7°54'37	8♒55	26° 9	22°19	16° 1	9°46	5°27	21°22	19°57	16°52	2°28	0°58	22°16	12°30	S 30
M31	6 36 30	8♑55'47	21♒ 9	26♑24	23♏27	16♈33	10♑ 0	5♈30	21♊20	19♎58	16♉51	2♊21	0♊54	22♐22	12♓32	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s42	25s57	3s44	24s52	1s52	6s44	1n56	0n15	0s37	23s19	0n 5	0s19	2s32	23n19	0n 6	6s 8	1n34	1n48	15s48	20n44	20n39	24s26	2s30	4n58
S 2	21 51	24 31	4 26	25 3	1 56	7 1	2 0	0 27	0 35	23 18	0 4	0 19	2 32	23 19	0 6	6 8	1 34	1 47	15 48	20 44	20 38	24 28	2 31	4 58
M 3	22 0	21 58	4 56	25 13	2 0	7 18	2 5	0 39	0 32	23 18	0 4	0 19	2 32	23 19	0 6	6 9	1 34	1 47	15 48	20 44	20 38	24 29	2 31	4 58
T 4	22 9	18 23	5 14	25 21	2 4	7 36	2 9	0 52	0 30	23 18	0 4	0 19	2 32	23 19	0 6	6 10	1 34	1 47	15 47	20 44	20 37	24 30	2 31	4 57
W 5	22 17	13 55	5 17	25 28	2 7	7 54	2 12	1 4	0 27	23 18	0 4	0 19	2 31	23 19	0 6	6 10	1 34	1 47	15 47	20 44	20 36	24 32	2 31	4 57
T 6	22 24	8 44	5 4	25 33	2 10	8 12	2 16	1 17	0 25	23 17	0 4	0 19	2 31	23 19	0 6	6 11	1 34	1 47	15 47	20 44	20 36	24 33	2 31	4 57
F 7	22 32	3 0	4 35	25 37	2 12	8 30	2 19	1 30	0 23	23 17	0 4	0 18	2 31	23 19	0 6	6 11	1 34	1 47	15 47	20 44	20 35	24 35	2 31	4 56
S 8	22 38	3n 4	3 49	25 40	2 14	8 48	2 22	1 42	0 20	23 17	0 4	0 18	2 31	23 18	0 6	6 12	1 34	1 47	15 47	20 44	20 34	24 36	2 31	4 56
S 9	22 45	9 11	2 48	25 41	2 16	9 7	2 25	1 55	0 18	23 16	0 4	0 18	2 30	23 18	0 6	6 12	1 34	1 47	15 47	20 44	20 34	24 37	2 31	4 56
M10	22 51	15 0	1 35	25 41	2 18	9 25	2 28	2 8	0 16	23 16	0 4	0 18	2 30	23 18	0 6	6 13	1 34	1 47	15 46	20 44	20 33	24 39	2 31	4 55
T 11	22 56	20 3	0 13	25 39	2 19	9 44	2 31	2 21	0 14	23 15	0 4	0 17	2 30	23 18	0 6	6 13	1 34	1 47	15 46	20 44	20 33	24 40	2 31	4 55
W12	23 1	23 50	1n11	25 36	2 19	10 3	2 33	2 34	0 12	23 15	0 4	0 17	2 30	23 18	0 6	6 13	1 34	1 47	15 46	20 44	20 32	24 41	2 31	4 55
T 13	23 6	25 55	2 29	25 32	2 19	10 22	2 36	2 47	0 10	23 14	0 3	0 17	2 29	23 18	0 6	6 14	1 34	1 46	15 46	20 44	20 31	24 43	2 30	4 54
F 14	23 10	26 2	3 37	25 26	2 19	10 41	2 38	3 0	0 8	23 14	0 3	0 16	2 29	23 18	0 6	6 14	1 34	1 46	15 46	20 44	20 31	24 44	2 30	4 54
S 15	23 13	24 16	4 29	25 18	2 18	10 59	2 40	3 13	0 6	23 13	0 3	0 16	2 29	23 17	0 6	6 15	1 34	1 46	15 45	20 43	20 30	24 45	2 30	4 54
S 16	23 16	20 56	5 2	25 10	2 16	11 18	2 41	3 27	0 4	23 13	0 3	0 15	2 29	23 17	0 6	6 15	1 34	1 46	15 45	20 43	20 29	24 47	2 30	4 53
M17	23 19	16 29	5 15	24 59	2 14	11 37	2 43	3 40	0 2	23 12	0 3	0 15	2 28	23 17	0 6	6 16	1 34	1 46	15 45	20 42	20 29	24 48	2 30	4 53
T 18	23 21	11 19	5 10	24 48	2 11	11 56	2 44	3 53	0 0	23 11	0 3	0 14	2 28	23 17	0 6	6 16	1 34	1 46	15 45	20 42	20 28	24 49	2 29	4 53
W19	23 23	5 50	4 49	24 35	2 7	12 15	2 46	4 7	0n 2	23 11	0 3	0 13	2 28	23 17	0 6	6 16	1 35	1 46	15 44	20 42	20 27	24 50	2 29	4 52
T 20	23 24	0 15	4 14	24 21	2 2	12 34	2 47	4 20	0 3	23 10	0 3	0 13	2 28	23 17	0 6	6 17	1 35	1 46	15 44	20 42	20 27	24 52	2 29	4 52
F 21	23 25	5s12	3 28	24 6	1 57	12 53	2 48	4 33	0 5	23 9	0 3	0 12	2 27	23 17	0 6	6 17	1 35	1 46	15 44	20 42	20 26	24 53	2 29	4 52
S 22	23 26	10 22	2 33	23 49	1 51	13 11	2 49	4 47	0 7	23 9	0 3	0 11	2 27	23 16	0 6	6 17	1 35	1 46	15 44	20 42	20 26	24 54	2 28	4 51
S 23	23 25	15 4	1 33	23 32	1 44	13 30	2 49	5 0	0 8	23 8	0 2	0 10	2 27	23 16	0 6	6 18	1 35	1 46	15 43	20 43	20 25	24 56	2 28	4 51
M24	23 25	19 9	0 29	23 14	1 36	13 48	2 50	5 14	0 10	23 7	0 2	0 9	2 27	23 16	0 6	6 18	1 35	1 47	15 43	20 43	20 24	24 57	2 28	4 51
T 25	23 24	22 26	0s36	22 55	1 26	14 7	2 50	5 27	0 12	23 6	0 2	0 9	2 26	23 16	0 6	6 18	1 35	1 47	15 43	20 43	20 24	24 58	2 27	4 50
W26	23 22	24 47	1 39	22 35	1 16	14 25	2 51	5 41	0 13	23 6	0 2	0 8	2 26	23 16	0 6	6 19	1 35	1 47	15 43	20 43	20 23	24 59	2 27	4 50
T 27	23 20	26 1	2 38	22 16	1 5	14 43	2 51	5 55	0 15	23 5	0 2	0 7	2 26	23 16	0 6	6 19	1 35	1 47	15 42	20 42	20 22	25 1	2 26	4 50
F 28	23 18	26 4	3 30	21 56	0 52	15 1	2 51	6 8	0 16	23 4	0 2	0 6	2 26	23 15	0 6	6 19	1 35	1 47	15 42	20 41	20 22	25 2	2 26	4 49
S 29	23 15	24 55	4 13	21 36	0 38	15 18	2 51	6 22	0 18	23 3	0 2	0 4	2 25	23 15	0 7	6 19	1 35	1 47	15 42	20 40	20 21	25 3	2 25	4 49
S 30	23 11	22 36	4 45	21 17	0 23	15 36	2 50	6 36	0 19	23 2	0 2	0 3	2 25	23 15	0 7	6 20	1 35	1 47	15 42	20 38	20 20	25 4	2 25	4 49
M31	23s 7	19s15	5s 5	20s59	0s 7	15s53	2n50	6n49	0n21	23s 1	0n 2	0s 2	2s25	23n15	0n 7	6s20	1n35	1n47	15s41	20n37	20n20	25s 5	2s24	4n48

Julian Day Number = 2493516.5, Delta T = 100.54 sec
Ecliptic obliquity = 23°25'31, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°20'45, Lahiri = 25°27'46

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2115
geocentric

JANUARY 2115 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 40 27	9♑56'57	3♓34	26°R27	24♏34	17♈ 6	10♑14	5♈32	21°R18	19♎59	16°R51	2°R15	0♊51	22♐29	12♓34	T 1
W 2	6 44 23	10°58'06	16°12	26♑19	25°42	17°38	10°27	5°35	21♊15	19°59	16♉50	2♊10	0°48	22°36	12°37	W 2
T 3	6 48 20	11°59'16	29° 6	26° 0	26°50	18°11	10°41	5°37	21°13	20° 0	16°50	2° 8	0°45	22°42	12°39	T 3
F 4	6 52 16	13° 0'25	12♈18	25°28	27°58	18°44	10°55	5°40	21°11	20° 1	16°49	2°D 7	0°42	22°49	12°41	F 4
S 5	6 56 13	14° 1'34	25°52	24°45	29° 7	19°17	11° 9	5°43	21° 8	20° 1	16°48	2° 7	0°38	22°56	12°43	S 5
S 6	7 0 9	15° 2'43	9♉48	23°51	0♐15	19°50	11°23	5°46	21° 6	20° 2	16°48	2° 9	0°35	23° 2	12°46	S 6
M 7	7 4 6	16° 3'52	24° 8	22°47	1°24	20°23	11°37	5°49	21° 4	20° 2	16°47	2°10	0°32	23° 9	12°48	M 7
T 8	7 8 2	17° 5'00	8♊50	21°36	2°33	20°56	11°51	5°52	21° 2	20° 3	16°47	2°R10	0°29	23°16	12°51	T 8
W 9	7 11 59	18° 6'08	23°48	20°19	3°42	21°30	12° 4	5°55	20°59	20° 3	16°46	2° 8	0°26	23°22	12°53	W 9
T 10	7 15 56	19° 7'16	8♋57	18°59	4°51	22° 3	12°18	5°59	20°57	20° 4	16°46	2° 4	0°23	23°29	12°56	T 10
F 11	7 19 52	20° 8'24	24° 6	17°39	6° 0	22°37	12°32	6° 2	20°55	20° 4	16°46	1°58	0°19	23°36	12°59	F 11
S 12	7 23 49	21° 9'31	9♌ 6	16°20	7°10	23°11	12°46	6° 6	20°53	20° 4	16°45	1°50	0°16	23°42	13° 1	S 12
S 13	7 27 45	22°10'38	23°46	15° 6	8°19	23°45	13° 0	6°10	20°51	20° 5	16°45	1°42	0°13	23°49	13° 4	S 13
M14	7 31 42	23°11'45	8♍ 1	13°58	9°29	24°19	13°13	6°13	20°49	20° 5	16°44	1°34	0°10	23°56	13° 7	M14
T 15	7 35 38	24°12'52	21°48	12°58	10°39	24°53	13°27	6°17	20°47	20° 5	16°44	1°28	0° 7	24° 2	13° 9	T 15
W16	7 39 35	25°13'59	5♎ 4	12° 7	11°49	25°28	13°41	6°21	20°45	20° 5	16°44	1°23	0° 4	24° 9	13°12	W16
T 17	7 43 31	26°15'06	17°54	11°26	12°59	26° 2	13°55	6°25	20°43	20° 6	16°43	1°21	0° 0	24°15	13°15	T 17
F 18	7 47 28	27°16'13	0♏21	10°54	14° 9	26°36	14° 8	6°29	20°41	20° 6	16°43	1°D21	29♉57	24°22	13°18	F 18
S 19	7 51 25	28°17'19	12°29	10°31	15°19	27°11	14°22	6°33	20°39	20° 6	16°43	1°21	29°54	24°29	13°21	S 19
S 20	7 55 21	29°18'25	24°25	10°18	16°30	27°46	14°36	6°38	20°37	20° 6	16°43	1°22	29°51	24°35	13°24	S 20
M21	7 59 18	0♒19'31	6♐14	10°D14	17°40	28°21	14°49	6°42	20°35	20° 6	16°42	1°R22	29°48	24°42	13°27	M21
T 22	8 3 14	1°20'37	18° 0	10°18	18°51	28°55	15° 3	6°46	20°33	20°R 6	16°42	1°21	29°44	24°49	13°30	T 22
W23	8 7 11	2°21'42	29°47	10°30	20° 2	29°30	15°16	6°51	20°32	20° 6	16°42	1°17	29°41	24°55	13°33	W23
T 24	8 11 7	3°22'47	11♑39	10°49	21°13	0♉ 5	15°30	6°55	20°30	20° 6	16°42	1°10	29°38	25° 2	13°36	T 24
F 25	8 15 4	4°23'51	23°39	11°15	22°24	0°41	15°44	7° 0	20°28	20° 6	16°42	1° 0	29°35	25° 9	13°39	F 25
S 26	8 19 0	5°24'55	5♒48	11°46	23°35	1°16	15°57	7° 5	20°27	20° 6	16°42	0°49	29°32	25°15	13°43	S 26
S 27	8 22 57	6°25'57	18° 7	12°23	24°46	1°51	16°11	7°10	20°25	20° 5	16°41	0°36	29°29	25°22	13°46	S 27
M28	8 26 54	7°26'59	0♓36	13° 5	25°57	2°27	16°24	7°15	20°24	20° 5	16°41	0°23	29°25	25°29	13°49	M28
T 29	8 30 50	8°28'00	13°17	13°51	27° 8	3° 2	16°37	7°20	20°22	20° 5	16°41	0°11	29°22	25°35	13°52	T 29
W30	8 34 47	9°29'00	26° 8	14°41	28°20	3°38	16°51	7°25	20°21	20° 5	16°41	0° 2	29°19	25°42	13°56	W30
T 31	8 38 43	10♒29'59	9♈11	15♑35	29♐31	4♉13	17♑ 4	7♈30	20♊19	20♎ 4	16°D41	29♉55	29♉16	25♐49	13♓59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 3	15s 1	5s11	20s41	0n10	16s10	2n49	7n 3	0n22	23s 0	0n 2	0s 1	2s25	23n15	0n 7	6s20	1n35	1n47	15s41	20n36	20n19	25s 7	2s24	4n48
W 2	22 58	10 4	5 1	20 25	0 28	16 26	2 49	7 17	0 23	22 59	0 2	0n 0	2 24	23 15	0 7	6 20	1 35	1 47	15 41	20 35	20 18	25 8	2 23	4 48
T 3	22 53	4 36	4 37	20 10	0 47	16 43	2 48	7 30	0 25	22 58	0 1	0 1	2 24	23 15	0 7	6 21	1 35	1 47	15 40	20 35	20 18	25 9	2 23	4 48
F 4	22 47	1n13	3 58	19 57	1 6	16 59	2 47	7 44	0 26	22 57	0 1	0 3	2 24	23 14	0 7	6 21	1 35	1 48	15 40	20 34	20 17	25 10	2 22	4 47
S 5	22 41	7 8	3 4	19 45	1 26	17 15	2 46	7 58	0 27	22 56	0 1	0 4	2 24	23 14	0 7	6 21	1 35	1 48	15 40	20 34	20 16	25 11	2 22	4 47
S 6	22 35	12 52	1 58	19 36	1 45	17 30	2 45	8 12	0 29	22 55	0 1	0 6	2 24	23 14	0 7	6 21	1 36	1 48	15 40	20 35	20 16	25 13	2 21	4 47
M 7	22 28	18 6	0 43	19 28	2 4	17 45	2 44	8 25	0 30	22 54	0 1	0 7	2 23	23 14	0 7	6 21	1 36	1 48	15 39	20 35	20 15	25 14	2 20	4 46
T 8	22 20	22 21	0n36	19 22	2 21	18 0	2 42	8 39	0 31	22 53	0 1	0 8	2 23	23 14	0 7	6 21	1 36	1 48	15 39	20 35	20 14	25 15	2 20	4 46
W 9	22 12	25 11	1 54	19 18	2 37	18 15	2 41	8 53	0 32	22 52	0 1	0 10	2 23	23 14	0 7	6 21	1 36	1 48	15 39	20 35	20 14	25 16	2 19	4 46
T 10	22 4	26 12	3 5	19 16	2 50	18 29	2 40	9 6	0 34	22 51	0 1	0 11	2 23	23 14	0 7	6 22	1 36	1 49	15 38	20 34	20 13	25 17	2 18	4 46
F 11	21 55	25 16	4 3	19 15	3 2	18 42	2 38	9 20	0 35	22 49	0 1	0 13	2 22	23 13	0 7	6 22	1 36	1 49	15 38	20 33	20 12	25 18	2 17	4 45
S 12	21 46	22 32	4 44	19 16	3 11	18 56	2 36	9 34	0 36	22 48	0 1	0 15	2 22	23 13	0 7	6 22	1 36	1 49	15 38	20 31	20 12	25 19	2 17	4 45
S 13	21 36	18 22	5 4	19 18	3 17	19 8	2 34	9 47	0 37	22 47	0 0	0 16	2 22	23 13	0 7	6 22	1 36	1 49	15 37	20 29	20 11	25 21	2 16	4 45
M14	21 26	13 16	5 5	19 22	3 21	19 21	2 32	10 1	0 38	22 46	0 0	0 18	2 22	23 13	0 7	6 22	1 36	1 49	15 37	20 28	20 10	25 22	2 15	4 44
T 15	21 16	7 40	4 48	19 26	3 23	19 33	2 30	10 14	0 39	22 44	0 0	0 20	2 22	23 13	0 7	6 22	1 36	1 50	15 37	20 26	20 10	25 23	2 14	4 44
W16	21 5	1 54	4 16	19 31	3 22	19 44	2 28	10 28	0 40	22 43	0 0	0 21	2 21	23 13	0 7	6 22	1 36	1 50	15 36	20 26	20 9	25 24	2 13	4 44
T 17	20 53	3s45	3 32	19 37	3 19	19 56	2 26	10 41	0 41	22 42	0 0	0 23	2 21	23 13	0 7	6 22	1 36	1 50	15 36	20 25	20 8	25 25	2 13	4 44
F 18	20 42	9 6	2 39	19 44	3 15	20 6	2 24	10 55	0 42	22 41	0s 0	0 25	2 21	23 13	0 7	6 22	1 36	1 50	15 36	20 25	20 8	25 26	2 12	4 43
S 19	20 30	14 0	1 40	19 52	3 9	20 16	2 22	11 8	0 43	22 39	0 0	0 27	2 21	23 12	0 7	6 22	1 36	1 50	15 35	20 25	20 7	25 27	2 11	4 43
S 20	20 17	18 16	0 37	20 0	3 2	20 26	2 19	11 21	0 44	22 38	0 0	0 29	2 20	23 12	0 7	6 22	1 36	1 51	15 35	20 25	20 6	25 28	2 10	4 43
M21	20 4	21 46	0s26	20 8	2 54	20 35	2 17	11 35	0 45	22 36	0 0	0 31	2 20	23 12	0 7	6 22	1 36	1 51	15 35	20 25	20 6	25 29	2 9	4 43
T 22	19 51	24 20	1 28	20 16	2 46	20 44	2 14	11 48	0 46	22 35	0 0	0 33	2 20	23 12	0 7	6 22	1 36	1 51	15 34	20 25	20 5	25 30	2 8	4 42
W23	19 37	25 51	2 26	20 25	2 36	20 52	2 12	12 1	0 47	22 34	0 0	0 35	2 20	23 12	0 7	6 22	1 37	1 52	15 34	20 24	20 4	25 32	2 7	4 42
T 24	19 23	26 12	3 18	20 33	2 27	20 59	2 9	12 14	0 48	22 32	0 1	0 37	2 20	23 12	0 7	6 22	1 37	1 52	15 34	20 23	20 4	25 33	2 6	4 42
F 25	19 9	25 19	4 1	20 41	2 17	21 6	2 6	12 28	0 48	22 31	0 1	0 39	2 19	23 12	0 7	6 21	1 37	1 52	15 33	20 21	20 3	25 34	2 5	4 42
S 26	18 54	23 14	4 34	20 48	2 6	21 13	2 3	12 41	0 49	22 29	0 1	0 41	2 19	23 12	0 7	6 21	1 37	1 52	15 33	20 18	20 2	25 35	2 4	4 42
S 27	18 39	20 4	4 55	20 55	1 56	21 19	2 1	12 54	0 50	22 28	0 1	0 43	2 19	23 11	0 7	6 21	1 37	1 53	15 33	20 16	20 2	25 36	2 3	4 41
M28	18 24	15 57	5 2	21 2	1 45	21 24	1 58	13 7	0 51	22 26	0 1	0 45	2 19	23 11	0 7	6 21	1 37	1 53	15 32	20 13	20 1	25 37	2 2	4 41
T 29	18 8	11 6	4 54	21 8	1 35	21 29	1 55	13 20	0 52	22 25	0 1	0 47	2 19	23 11	0 7	6 21	1 37	1 53	15 32	20 11	20 0	25 38	2 1	4 41
W30	17 52	5 42	4 32	21 13	1 24	21 33	1 52	13 33	0 53	22 23	0 1	0 49	2 19	23 11	0 7	6 21	1 37	1 54	15 32	20 9	20 0	25 39	2 0	4 41
T 31	17s36	0n 2	3s55	21s17	1n14	21s37	1n49	13n45	0n53	22s21	0s 1	0n51	2s18	23n11	0n 7	6s21	1n37	1n54	15s31	20n 7	19n59	25s40	1s59	4n41

Julian Day Number = 2493547.5, Delta T = 100.58 sec
Ecliptic obliquity = 23°25'32, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°20'49, Lahiri = 25°27'50

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ASTRODIENST EPHEMERIS for the year 2115
geocentric

FEBRUARY 2115 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 42 40	11♒30'56	22♈27	16♑32	0♑42	4♉49	17♑17	7♈35	20°R18	20°R 4	16♉41	29°R51	29♉13	25♐55	14♓ 2	F 1
S 2	8 46 36	12°31'53	5♉58	17°31	1°54	5°25	17°31	7°40	20♊17	20♎ 4	16°41	29♉50	29°10	26° 2	14° 6	S 2
S 3	8 50 33	13°32'48	19°45	18°34	3° 6	6° 1	17°44	7°46	20°15	20° 3	16°41	29°D50	29° 6	26° 9	14° 9	S 3
M 4	8 54 29	14°33'42	3♊49	19°39	4°17	6°36	17°57	7°51	20°14	20° 3	16°41	29°R50	29° 3	26°15	14°12	M 4
T 5	8 58 26	15°34'34	18° 9	20°47	5°29	7°12	18°10	7°57	20°13	20° 2	16°42	29°49	29° 0	26°22	14°16	T 5
W 6	9 2 23	16°35'25	2♋44	21°56	6°41	7°48	18°23	8° 2	20°12	20° 2	16°42	29°45	28°57	26°29	14°19	W 6
T 7	9 6 19	17°36'15	17°30	23° 8	7°53	8°24	18°36	8° 8	20°11	20° 1	16°42	29°39	28°54	26°35	14°23	T 7
F 8	9 10 16	18°37'04	2♌20	24°21	9° 5	9° 1	18°49	8°14	20°10	20° 1	16°42	29°30	28°50	26°42	14°26	F 8
S 9	9 14 12	19°37'51	17° 6	25°36	10°17	9°37	19° 2	8°20	20° 9	20° 0	16°42	29°19	28°47	26°49	14°30	S 9
S 10	9 18 9	20°38'37	1♍38	26°52	11°29	10°13	19°15	8°25	20° 8	20° 0	16°42	29° 7	28°44	26°55	14°34	S 10
M11	9 22 5	21°39'21	15°51	28°10	12°41	10°49	19°28	8°31	20° 7	19°59	16°43	28°55	28°41	27° 2	14°37	M11
T 12	9 26 2	22°40'05	29°39	29°29	13°53	11°25	19°41	8°37	20° 6	19°58	16°43	28°45	28°38	27° 9	14°41	T 12
W13	9 29 58	23°40'47	13♎ 0	0♒50	15° 5	12° 2	19°53	8°43	20° 6	19°57	16°43	28°37	28°35	27°15	14°44	W13
T 14	9 33 55	24°41'28	25°54	2°12	16°18	12°38	20° 6	8°49	20° 5	19°57	16°43	28°32	28°31	27°22	14°48	T 14
F 15	9 37 52	25°42'08	8♏25	3°35	17°30	13°15	20°18	8°55	20° 4	19°56	16°44	28°29	28°28	27°29	14°52	F 15
S 16	9 41 48	26°42'48	20°37	4°59	18°42	13°51	20°31	9° 2	20° 4	19°55	16°44	28°29	28°25	27°35	14°55	S 16
S 17	9 45 45	27°43'26	2♐35	6°24	19°55	14°28	20°43	9° 8	20° 3	19°54	16°44	28°29	28°22	27°42	14°59	S 17
M18	9 49 41	28°44'02	14°25	7°50	21° 7	15° 4	20°56	9°14	20° 3	19°53	16°45	28°28	28°19	27°49	15° 3	M18
T 19	9 53 38	29°44'38	26°12	9°18	22°20	15°41	21° 8	9°21	20° 2	19°53	16°45	28°26	28°15	27°55	15° 7	T 19
W20	9 57 34	0♓45'12	8♑ 2	10°46	23°32	16°17	21°21	9°27	20° 2	19°52	16°46	28°21	28°12	28° 2	15°10	W20
T 21	10 1 31	1°45'46	19°58	12°16	24°45	16°54	21°33	9°34	20° 1	19°51	16°46	28°14	28° 9	28° 9	15°14	T 21
F 22	10 5 27	2°46'17	2♒ 5	13°46	25°58	17°31	21°45	9°40	20° 1	19°50	16°47	28° 4	28° 6	28°15	15°18	F 22
S 23	10 9 24	3°46'48	14°25	15°17	27°10	18° 7	21°57	9°47	20° 1	19°49	16°47	27°51	28° 3	28°22	15°22	S 23
S 24	10 13 21	4°47'16	26°58	16°50	28°23	18°44	22° 9	9°53	20° 1	19°48	16°48	27°38	28° 0	28°29	15°25	S 24
M25	10 17 17	5°47'43	9♓45	18°23	29°36	19°21	22°21	10° 0	20° 1	19°47	16°48	27°24	27°56	28°35	15°29	M25
T 26	10 21 14	6°48'09	22°46	19°57	0♒48	19°58	22°33	10° 7	20° 0	19°46	16°49	27°11	27°53	28°42	15°33	T 26
W27	10 25 10	7°48'32	5♈59	21°33	2° 1	20°35	22°44	10°13	20°D 0	19°44	16°49	27° 0	27°50	28°49	15°37	W27
T 28	10 29 7	8♓48'54	19♈23	23♒ 9	3♒14	21♉12	22♑56	10♈20	20♊ 0	19♎43	16♉50	26♉53	27♉47	28♐55	15♓41	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s19	5n53	3s 4	21s21	1n 4	21s40	1n46	13n58	0n54	22s20	0s 1	0n54	2s18	23n11	0n 7	6s20	1n37	1n54	15s31	20n 6	19n58	25s41	1s58	4n40
S 2	17 2	11 34	2 3	21 24	0 54	21 42	1 42	14 11	0 55	22 18	0 1	0 56	2 18	23 11	0 7	6 20	1 37	1 55	15 31	20 6	19 58	25 42	1 57	4 40
S 3	16 45	16 49	0 53	21 25	0 44	21 44	1 39	14 23	0 55	22 17	0 2	0 58	2 18	23 11	0 7	6 20	1 37	1 55	15 30	20 6	19 57	25 43	1 55	4 40
M 4	16 27	21 15	0n21	21 26	0 34	21 45	1 36	14 36	0 56	22 15	0 2	1 0	2 18	23 11	0 7	6 20	1 37	1 55	15 30	20 6	19 56	25 44	1 54	4 40
T 5	16 9	24 29	1 35	21 25	0 24	21 46	1 33	14 48	0 57	22 13	0 2	1 3	2 17	23 11	0 7	6 20	1 37	1 56	15 30	20 6	19 55	25 45	1 53	4 40
W 6	15 51	26 9	2 45	21 24	0 15	21 46	1 29	15 1	0 58	22 12	0 2	1 5	2 17	23 11	0 7	6 19	1 37	1 56	15 29	20 5	19 55	25 46	1 52	4 39
T 7	15 33	25 59	3 44	21 21	0 6	21 45	1 26	15 13	0 58	22 10	0 2	1 7	2 17	23 10	0 7	6 19	1 37	1 56	15 29	20 4	19 54	25 47	1 51	4 39
F 8	15 14	23 58	4 28	21 17	0s 3	21 44	1 23	15 25	0 59	22 8	0 2	1 10	2 17	23 10	0 7	6 19	1 37	1 57	15 29	20 2	19 53	25 48	1 50	4 39
S 9	14 55	20 22	4 54	21 12	0 12	21 42	1 20	15 37	0 59	22 7	0 2	1 12	2 17	23 10	0 7	6 19	1 38	1 57	15 28	20 0	19 53	25 49	1 48	4 39
S 10	14 36	15 33	5 0	21 6	0 20	21 40	1 16	15 49	1 0	22 5	0 2	1 15	2 17	23 10	0 7	6 18	1 38	1 58	15 28	19 57	19 52	25 49	1 47	4 39
M11	14 17	10 0	4 48	20 59	0 28	21 37	1 13	16 1	1 1	22 3	0 2	1 17	2 17	23 10	0 7	6 18	1 38	1 58	15 28	19 54	19 51	25 50	1 46	4 39
T 12	13 57	4 5	4 19	20 50	0 36	21 33	1 9	16 13	1 1	22 1	0 2	1 20	2 16	23 10	0 7	6 18	1 38	1 58	15 27	19 52	19 51	25 51	1 45	4 38
W13	13 37	1s49	3 36	20 41	0 44	21 29	1 6	16 25	1 2	22 0	0 3	1 22	2 16	23 10	0 7	6 17	1 38	1 59	15 27	19 50	19 50	25 52	1 44	4 38
T 14	13 17	7 28	2 43	20 30	0 51	21 24	1 2	16 37	1 2	21 58	0 3	1 25	2 16	23 10	0 7	6 17	1 38	1 59	15 27	19 49	19 49	25 53	1 42	4 38
F 15	12 57	12 40	1 44	20 17	0 58	21 18	0 59	16 48	1 3	21 56	0 3	1 27	2 16	23 10	0 7	6 17	1 38	2 0	15 26	19 49	19 48	25 54	1 41	4 38
S 16	12 36	17 14	0 42	20 4	1 5	21 12	0 56	17 0	1 3	21 54	0 3	1 30	2 16	23 10	0 7	6 16	1 38	2 0	15 26	19 49	19 48	25 55	1 40	4 38
S 17	12 15	21 1	0s22	19 49	1 12	21 5	0 52	17 11	1 4	21 53	0 3	1 32	2 16	23 10	0 7	6 16	1 38	2 0	15 26	19 49	19 47	25 56	1 38	4 38
M18	11 54	23 54	1 23	19 33	1 18	20 58	0 49	17 22	1 5	21 51	0 3	1 35	2 16	23 10	0 7	6 16	1 38	2 1	15 25	19 48	19 46	25 57	1 37	4 38
T 19	11 33	25 43	2 21	19 16	1 24	20 50	0 45	17 34	1 5	21 49	0 3	1 38	2 15	23 10	0 7	6 15	1 38	2 1	15 25	19 48	19 46	25 58	1 36	4 37
W20	11 12	26 23	3 13	18 57	1 29	20 41	0 42	17 45	1 6	21 47	0 3	1 40	2 15	23 10	0 7	6 15	1 38	2 2	15 25	19 47	19 45	25 59	1 34	4 37
T 21	10 51	25 50	3 57	18 37	1 34	20 32	0 38	17 56	1 6	21 45	0 3	1 43	2 15	23 10	0 7	6 14	1 38	2 2	15 24	19 45	19 44	25 59	1 33	4 37
F 22	10 29	24 4	4 30	18 16	1 39	20 22	0 35	18 7	1 6	21 44	0 3	1 45	2 15	23 10	0 7	6 14	1 38	2 3	15 24	19 43	19 44	26 0	1 32	4 37
S 23	10 7	21 9	4 52	17 54	1 44	20 12	0 31	18 17	1 7	21 42	0 4	1 48	2 15	23 10	0 7	6 14	1 38	2 3	15 24	19 40	19 43	26 1	1 30	4 37
S 24	9 45	17 12	5 0	17 30	1 48	20 1	0 28	18 28	1 7	21 40	0 4	1 51	2 15	23 10	0 7	6 13	1 38	2 3	15 23	19 37	19 42	26 2	1 29	4 37
M25	9 23	12 26	4 53	17 5	1 52	19 49	0 25	18 39	1 8	21 38	0 4	1 54	2 15	23 10	0 7	6 13	1 38	2 4	15 23	19 34	19 41	26 3	1 28	4 37
T 26	9 1	7 1	4 31	16 39	1 55	19 37	0 21	18 49	1 8	21 36	0 4	1 56	2 15	23 10	0 7	6 12	1 38	2 4	15 23	19 31	19 41	26 4	1 26	4 37
W27	8 38	1 13	3 54	16 11	1 59	19 24	0 18	18 59	1 9	21 35	0 4	1 59	2 14	23 10	0 7	6 12	1 38	2 5	15 22	19 29	19 40	26 4	1 25	4 37
T 28	8s16	4n44	3s 4	15s42	2s 1	19s11	0n15	19n 9	1n 9	21s33	0s 4	2n 2	2s14	23n10	0n 7	6s11	1n38	2n 5	15s22	19n27	19n39	26s 5	1s24	4n36

Julian Day Number = 2493578.5, Delta T = 100.63 sec
Ecliptic obliquity = 23°25'32, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°20'54, Lahiri = 25°27'54

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ASTRODIENST EPHEMERIS for the year 2115
geocentric

MARCH 2115 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 33 3	9♓49'14	2♉56	24♒46	4♒27	21♉49	23♊ 8	10♈27	20♊ 0	19°R42	16♉50	26°R48	27♉44	29♐ 2	15♓44	F 1
S 2	10 37 0	10°49'32	16°38	26°24	5°40	22°25	23°19	10°34	20° 1	19♎41	16°51	26♉46	27°41	29° 9	15°48	S 2
S 3	10 40 56	11°49'48	0♊29	28° 4	6°53	23° 2	23°31	10°41	20° 1	19°40	16°52	26°D46	27°37	29°15	15°52	S 3
M 4	10 44 53	12°50'03	14°28	29°44	8° 6	23°39	23°42	10°48	20° 1	19°39	16°52	26°R46	27°34	29°22	15°56	M 4
T 5	10 48 50	13°50'15	28°36	1♓25	9°18	24°17	23°53	10°55	20° 1	19°37	16°53	26°45	27°31	29°29	16° 0	T 5
W 6	10 52 46	14°50'25	12♋52	3° 8	10°31	24°54	24° 5	11° 2	20° 2	19°36	16°54	26°43	27°28	29°35	16° 3	W 6
T 7	10 56 43	15°50'32	27°13	4°51	11°44	25°31	24°16	11° 9	20° 2	19°35	16°55	26°37	27°25	29°42	16° 7	T 7
F 8	11 0 39	16°50'38	11♌35	6°36	12°57	26° 8	24°27	11°16	20° 3	19°33	16°55	26°29	27°21	29°49	16°11	F 8
S 9	11 4 36	17°50'42	25°54	8°21	14°10	26°45	24°38	11°23	20° 3	19°32	16°56	26°19	27°18	29°55	16°15	S 9
S 10	11 8 32	18°50'43	10♍ 3	10° 8	15°23	27°22	24°48	11°30	20° 4	19°31	16°57	26° 8	27°15	0♑ 2	16°19	S 10
M11	11 12 29	19°50'43	23°58	11°56	16°37	27°59	24°59	11°37	20° 4	19°29	16°58	25°57	27°12	0° 9	16°23	M11
T 12	11 16 25	20°50'41	7♎34	13°45	17°50	28°36	25°10	11°45	20° 5	19°28	16°58	25°47	27° 9	0°15	16°26	T 12
W13	11 20 22	21°50'37	20°47	15°35	19° 3	29°13	25°20	11°52	20° 6	19°27	16°59	25°40	27° 6	0°22	16°30	W13
T 14	11 24 19	22°50'31	3♏39	17°26	20°16	29°51	25°31	11°59	20° 6	19°25	17° 0	25°35	27° 2	0°29	16°34	T 14
F 15	11 28 15	23°50'23	16°10	19°18	21°29	0♊28	25°41	12° 6	20° 7	19°24	17° 1	25°33	26°59	0°35	16°38	F 15
S 16	11 32 12	24°50'14	28°24	21°11	22°42	1° 5	25°51	12°14	20° 8	19°22	17° 2	25°D32	26°56	0°42	16°42	S 16
S 17	11 36 8	25°50'03	10♐24	23° 6	23°55	1°42	26° 1	12°21	20° 9	19°21	17° 3	25°33	26°53	0°49	16°45	S 17
M18	11 40 5	26°49'51	22°16	25° 1	25° 9	2°19	26°11	12°28	20°10	19°19	17° 4	25°R34	26°50	0°55	16°49	M18
T 19	11 44 1	27°49'36	4♑ 6	26°58	26°22	2°57	26°21	12°36	20°11	19°18	17° 5	25°34	26°47	1° 2	16°53	T 19
W20	11 47 58	28°49'20	15°57	28°56	27°35	3°34	26°31	12°43	20°12	19°16	17° 6	25°32	26°43	1° 9	16°57	W20
T 21	11 51 54	29°49'03	27°56	0♈54	28°48	4°11	26°41	12°51	20°13	19°15	17° 6	25°28	26°40	1°15	17° 1	T 21
F 22	11 55 51	0♈48'43	10♒ 7	2°53	0♓ 2	4°49	26°50	12°58	20°14	19°13	17° 7	25°22	26°37	1°22	17° 4	F 22
S 23	11 59 48	1°48'22	22°34	4°53	1°15	5°26	27° 0	13° 5	20°16	19°12	17° 8	25°14	26°34	1°29	17° 8	S 23
S 24	12 3 44	2°47'59	5♓17	6°54	2°28	6° 3	27° 9	13°13	20°17	19°10	17° 9	25° 5	26°31	1°35	17°12	S 24
M25	12 7 41	3°47'34	18°20	8°55	3°41	6°41	27°18	13°20	20°18	19° 9	17°10	24°55	26°27	1°42	17°16	M25
T 26	12 11 37	4°47'07	1♈40	10°56	4°55	7°18	27°27	13°28	20°20	19° 7	17°11	24°46	26°24	1°49	17°19	T 26
W27	12 15 34	5°46'38	15°16	12°57	6° 8	7°55	27°36	13°35	20°21	19° 5	17°13	24°39	26°21	1°55	17°23	W27
T 28	12 19 30	6°46'06	29° 5	14°58	7°21	8°33	27°45	13°43	20°23	19° 4	17°14	24°34	26°18	2° 2	17°27	T 28
F 29	12 23 27	7°45'33	13♉ 3	16°58	8°35	9°10	27°54	13°50	20°24	19° 2	17°15	24°32	26°15	2° 9	17°30	F 29
S 30	12 27 23	8°44'58	27° 8	18°58	9°48	9°47	28° 2	13°58	20°26	19° 1	17°16	24°D31	26°12	2°15	17°34	S 30
S 31	12 31 20	9♈44'20	11♊17	20♈56	11♓ 1	10♊25	28♊11	14♈ 5	20♊27	18♎59	17♉17	24♉32	26♉ 8	2♊22	17♓37	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s53	10n34	2s 3	15s12	2s 4	18s57	0n11	19n20	1n 9	21s31	0s 4	2n 5	2s14	23n10	0n 7	6s11	1n38	2n 6	15s22	19n26	19n39	26s 6	1s22	4n36
S 2	7 30	15 57	0 53	14 41	2 6	18 43	0 8	19 29	1 10	21 29	0 4	2 7	2 14	23 10	0 7	6 10	1 39	2 6	15 21	19 25	19 38	26 7	1 21	4 36
S 3	7 7	20 34	0n20	14 8	2 8	18 28	0 5	19 39	1 10	21 27	0 4	2 10	2 14	23 10	0 7	6 10	1 39	2 7	15 21	19 25	19 37	26 8	1 19	4 36
M 4	6 44	24 3	1 32	13 34	2 9	18 13	0 1	19 49	1 11	21 25	0 5	2 13	2 14	23 10	0 7	6 9	1 39	2 7	15 21	19 25	19 36	26 8	1 18	4 36
T 5	6 21	26 5	2 40	12 59	2 10	17 57	0s 2	19 59	1 11	21 24	0 5	2 16	2 14	23 10	0 7	6 9	1 39	2 8	15 20	19 25	19 36	26 9	1 17	4 36
W 6	5 58	26 26	3 39	12 22	2 10	17 40	0 5	20 8	1 11	21 22	0 5	2 19	2 14	23 10	0 7	6 8	1 39	2 8	15 20	19 25	19 35	26 10	1 15	4 36
T 7	5 35	25 1	4 24	11 45	2 10	17 23	0 8	20 17	1 12	21 20	0 5	2 21	2 14	23 10	0 7	6 8	1 39	2 9	15 20	19 23	19 34	26 11	1 14	4 36
F 8	5 11	21 58	4 52	11 6	2 10	17 6	0 11	20 26	1 12	21 18	0 5	2 24	2 14	23 10	0 7	6 7	1 39	2 9	15 20	19 21	19 34	26 12	1 12	4 36
S 9	4 48	17 37	5 2	10 25	2 9	16 48	0 14	20 35	1 12	21 16	0 5	2 27	2 14	23 10	0 7	6 7	1 39	2 10	15 19	19 19	19 33	26 12	1 11	4 36
S 10	4 25	12 19	4 53	9 44	2 7	16 29	0 17	20 44	1 13	21 14	0 5	2 30	2 13	23 10	0 7	6 6	1 39	2 10	15 19	19 17	19 32	26 13	1 10	4 36
M11	4 1	6 29	4 27	9 1	2 5	16 10	0 20	20 53	1 13	21 13	0 5	2 33	2 13	23 10	0 7	6 6	1 39	2 11	15 19	19 14	19 31	26 14	1 8	4 36
T 12	3 38	0 28	3 46	8 17	2 3	15 51	0 23	21 2	1 13	21 11	0 5	2 36	2 13	23 10	0 7	6 5	1 39	2 11	15 18	19 12	19 31	26 14	1 7	4 36
W13	3 14	5s25	2 54	7 32	2 0	15 31	0 26	21 10	1 13	21 9	0 6	2 39	2 13	23 10	0 7	6 5	1 39	2 11	15 18	19 10	19 30	26 15	1 5	4 36
T 14	2 50	10 56	1 54	6 46	1 57	15 11	0 29	21 18	1 14	21 7	0 6	2 41	2 13	23 10	0 7	6 4	1 39	2 12	15 18	19 9	19 29	26 16	1 4	4 36
F 15	2 27	15 52	0 50	5 58	1 53	14 50	0 32	21 27	1 14	21 5	0 6	2 44	2 13	23 10	0 7	6 4	1 39	2 12	15 18	19 8	19 28	26 17	1 2	4 36
S 16	2 3	20 2	0s15	5 9	1 49	14 29	0 35	21 35	1 14	21 4	0 6	2 47	2 13	23 10	0 7	6 3	1 39	2 13	15 17	19 8	19 28	26 17	1 1	4 36
S 17	1 39	23 18	1 19	4 20	1 44	14 8	0 38	21 42	1 15	21 2	0 6	2 50	2 13	23 10	0 7	6 2	1 39	2 13	15 17	19 8	19 27	26 18	0 59	4 36
M18	1 16	25 30	2 18	3 29	1 38	13 46	0 40	21 50	1 15	21 0	0 6	2 53	2 13	23 11	0 7	6 2	1 39	2 14	15 17	19 8	19 26	26 19	0 58	4 36
T 19	0 52	26 33	3 11	2 37	1 32	13 24	0 43	21 58	1 15	20 58	0 6	2 56	2 13	23 11	0 7	6 1	1 39	2 14	15 16	19 8	19 25	26 19	0 57	4 36
W20	0 28	26 23	3 56	1 44	1 26	13 1	0 45	22 5	1 15	20 57	0 6	2 59	2 13	23 11	0 7	6 1	1 39	2 15	15 16	19 8	19 25	26 20	0 55	4 36
T 21	0 4	25 0	4 32	0 51	1 19	12 38	0 48	22 12	1 16	20 55	0 7	3 2	2 13	23 11	0 7	6 0	1 39	2 15	15 16	19 7	19 24	26 21	0 54	4 36
F 22	0n19	22 26	4 55	0n 3	1 11	12 15	0 50	22 20	1 16	20 53	0 7	3 5	2 13	23 11	0 7	5 59	1 39	2 16	15 16	19 6	19 23	26 21	0 52	4 36
S 23	0 43	18 48	5 6	0 58	1 3	11 51	0 53	22 27	1 16	20 51	0 7	3 8	2 13	23 11	0 7	5 59	1 39	2 16	15 15	19 4	19 23	26 22	0 51	4 36
S 24	1 7	14 14	5 1	1 54	0 55	11 27	0 55	22 33	1 16	20 50	0 7	3 10	2 13	23 11	0 7	5 58	1 39	2 17	15 15	19 1	19 22	26 23	0 49	4 36
M25	1 30	8 55	4 41	2 50	0 45	11 2	0 57	22 40	1 16	20 48	0 7	3 13	2 13	23 11	0 7	5 58	1 39	2 17	15 15	18 59	19 21	26 23	0 48	4 36
T 26	1 54	3 6	4 5	3 47	0 36	10 38	1 0	22 46	1 17	20 46	0 7	3 16	2 13	23 11	0 7	5 57	1 39	2 18	15 15	18 57	19 20	26 24	0 46	4 36
W27	2 18	3n 0	3 15	4 43	0 26	10 13	1 2	22 53	1 17	20 45	0 7	3 19	2 13	23 11	0 7	5 56	1 39	2 18	15 15	18 55	19 20	26 25	0 45	4 36
T 28	2 41	9 4	2 13	5 40	0 15	9 48	1 4	22 59	1 17	20 43	0 7	3 22	2 13	23 12	0 7	5 56	1 39	2 19	15 14	18 54	19 19	26 25	0 44	4 36
F 29	3 5	14 46	1 2	6 36	0 4	9 22	1 6	23 5	1 17	20 42	0 8	3 25	2 13	23 12	0 7	5 55	1 39	2 19	15 14	18 54	19 18	26 26	0 42	4 36
S 30	3 28	19 44	0n14	7 32	0n 7	8 56	1 8	23 11	1 17	20 40	0 8	3 28	2 13	23 12	0 7	5 54	1 39	2 20	15 14	18 53	19 17	26 26	0 41	4 36
S 31	3n51	23n36	1n29	8n27	0n18	8s30	1s10	23n16	1n17	20s38	0s 8	3n31	2s13	23n12	0n 7	5s54	1n39	2n20	15s14	18n54	19n17	26s27	0s39	4n36

Julian Day Number = 2493606.5, Delta T = 100.67 sec
Ecliptic obliquity = 23°25'33, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°20'58, Lahiri = 25°27'58

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ASTRODIENST EPHEMERIS for the year 2115
geocentric

APRIL 2115 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 35 16	10♈43'40	25♊27	22♈52	12♓15	11♊ 2	28♑19	14♈13	20♊29	18°R57	17♉18	24♉33	26♉ 5	2♑29	17♓41	M 1
T 2	12 39 13	11°42'58	9♋36	24°47	13°28	11°40	28°27	14°21	20°31	18♎56	17°19	24°R34	26° 2	2°35	17°45	T 2
W 3	12 43 10	12°42'13	23°44	26°39	14°41	12°17	28°35	14°28	20°33	18°54	17°20	24°34	25°59	2°42	17°48	W 3
T 4	12 47 6	13°41'26	7♌49	28°29	15°55	12°54	28°43	14°36	20°34	18°52	17°21	24°31	25°56	2°49	17°52	T 4
F 5	12 51 3	14°40'37	21°48	0♉15	17° 8	13°32	28°51	14°43	20°36	18°51	17°23	24°27	25°53	2°55	17°55	F 5
S 6	12 54 59	15°39'45	5♍39	1°58	18°21	14° 9	28°59	14°51	20°38	18°49	17°24	24°22	25°49	3° 2	17°59	S 6
S 7	12 58 56	16°38'51	19°20	3°36	19°35	14°47	29° 6	14°58	20°40	18°48	17°25	24°16	25°46	3° 9	18° 2	S 7
M 8	13 2 52	17°37'55	2♎49	5°11	20°48	15°24	29°14	15° 6	20°42	18°46	17°26	24° 9	25°43	3°15	18° 6	M 8
T 9	13 6 49	18°36'57	16° 2	6°41	22° 2	16° 2	29°21	15°13	20°44	18°44	17°27	24° 4	25°40	3°22	18° 9	T 9
W10	13 10 45	19°35'56	28°59	8° 6	23°15	16°39	29°28	15°21	20°46	18°43	17°29	24° 0	25°37	3°29	18°12	W10
T 11	13 14 42	20°34'54	11♏39	9°25	24°28	17°16	29°35	15°28	20°48	18°41	17°30	23°58	25°33	3°35	18°16	T 11
F 12	13 18 39	21°33'50	24° 3	10°40	25°42	17°54	29°42	15°36	20°50	18°39	17°31	23°D57	25°30	3°42	18°19	F 12
S 13	13 22 35	22°32'44	6♐14	11°49	26°55	18°31	29°48	15°43	20°53	18°38	17°32	23°58	25°27	3°49	18°22	S 13
S 14	13 26 32	23°31'36	18°14	12°52	28° 8	19° 9	29°55	15°51	20°55	18°36	17°33	23°59	25°24	3°55	18°26	S 14
M15	13 30 28	24°30'27	0♑ 7	13°50	29°22	19°46	0♒ 1	15°59	20°57	18°34	17°35	24° 1	25°21	4° 2	18°29	M15
T 16	13 34 25	25°29'15	11°57	14°41	0♈35	20°24	0° 7	16° 6	20°59	18°33	17°36	24° 2	25°18	4° 9	18°32	T 16
W17	13 38 21	26°28'02	23°49	15°26	1°49	21° 1	0°13	16°13	21° 2	18°31	17°37	24°R 3	25°14	4°15	18°35	W17
T 18	13 42 18	27°26'48	5♒49	16° 5	3° 2	21°38	0°19	16°21	21° 4	18°29	17°39	24° 3	25°11	4°22	18°39	T 18
F 19	13 46 14	28°25'31	18° 0	16°38	4°16	22°16	0°25	16°28	21° 7	18°28	17°40	24° 2	25° 8	4°29	18°42	F 19
S 20	13 50 11	29°24'13	0♓28	17° 5	5°29	22°53	0°30	16°36	21° 9	18°26	17°41	23°59	25° 5	4°35	18°45	S 20
S 21	13 54 8	0♉22'53	13°16	17°26	6°42	23°31	0°36	16°43	21°12	18°25	17°42	23°56	25° 2	4°42	18°48	S 21
M22	13 58 4	1°21'31	26°25	17°40	7°56	24° 8	0°41	16°51	21°14	18°23	17°44	23°52	24°58	4°49	18°51	M22
T 23	14 2 1	2°20'08	9♈57	17°48	9° 9	24°46	0°46	16°58	21°17	18°21	17°45	23°49	24°55	4°56	18°54	T 23
W24	14 5 57	3°18'42	23°49	17°R50	10°23	25°23	0°51	17° 5	21°19	18°20	17°46	23°47	24°52	5° 2	18°57	W24
T 25	14 9 54	4°17'15	8♉ 0	17°47	11°36	26° 1	0°56	17°13	21°22	18°18	17°48	23°45	24°49	5° 9	19° 0	T 25
F 26	14 13 50	5°15'46	22°24	17°38	12°50	26°38	1° 0	17°20	21°25	18°17	17°49	23°D44	24°46	5°16	19° 3	F 26
S 27	14 17 47	6°14'15	6♊57	17°24	14° 3	27°16	1° 5	17°27	21°27	18°15	17°50	23°45	24°43	5°22	19° 6	S 27
S 28	14 21 43	7°12'43	21°31	17° 4	15°16	27°53	1° 9	17°35	21°30	18°14	17°52	23°46	24°39	5°29	19° 8	S 28
M29	14 25 40	8°11'08	6♋ 2	16°41	16°30	28°30	1°13	17°42	21°33	18°12	17°53	23°47	24°36	5°36	19°11	M29
T 30	14 29 37	9♉ 9'31	20♋26	16♉13	17♈43	29♊ 8	1♒17	17♈49	21♊36	18♎10	17♉54	23♉48	24♉33	5♑42	19♓14	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n15	26n 0	2n39	9n21	0n30	8s 4	1s12	23n22	1n18	20s37	0s 8	3n34	2s13	23n12	0n 7	5s53	1n39	2n21	15s13	18n54	19n16	26s28	0s38	4n36
T 2	4 38	26 44	3 40	10 15	0 42	7 38	1 14	23 27	1 18	20 35	0 8	3 37	2 13	23 12	0 7	5 53	1 39	2 21	15 13	18 54	19 15	26 28	0 36	4 36
W 3	5 1	25 43	4 26	11 6	0 54	7 11	1 15	23 32	1 18	20 34	0 8	3 40	2 13	23 12	0 7	5 52	1 39	2 22	15 13	18 54	19 14	26 29	0 35	4 36
T 4	5 24	23 5	4 57	11 57	1 5	6 44	1 17	23 37	1 18	20 32	0 8	3 43	2 13	23 12	0 7	5 51	1 39	2 22	15 13	18 53	19 14	26 29	0 34	4 36
F 5	5 47	19 7	5 10	12 45	1 17	6 17	1 18	23 42	1 18	20 31	0 8	3 45	2 13	23 13	0 7	5 51	1 39	2 23	15 13	18 52	19 13	26 30	0 32	4 36
S 6	6 10	14 8	5 4	13 32	1 28	5 50	1 20	23 47	1 18	20 30	0 9	3 48	2 13	23 13	0 7	5 50	1 39	2 23	15 12	18 51	19 12	26 30	0 31	4 36
S 7	6 32	8 31	4 41	14 16	1 40	5 22	1 21	23 51	1 18	20 28	0 9	3 51	2 13	23 13	0 7	5 49	1 39	2 24	15 12	18 50	19 11	26 31	0 29	4 36
M 8	6 55	2 36	4 3	14 58	1 50	4 55	1 23	23 56	1 19	20 27	0 9	3 54	2 13	23 13	0 7	5 49	1 39	2 24	15 12	18 48	19 11	26 32	0 28	4 36
T 9	7 17	3s21	3 12	15 38	2 0	4 27	1 24	24 0	1 19	20 25	0 9	3 57	2 13	23 13	0 7	5 48	1 39	2 25	15 12	18 47	19 10	26 32	0 27	4 36
W10	7 40	9 3	2 12	16 15	2 10	3 59	1 25	24 4	1 19	20 24	0 9	4 0	2 13	23 13	0 7	5 48	1 39	2 25	15 12	18 46	19 9	26 33	0 25	4 36
T 11	8 2	14 16	1 7	16 49	2 19	3 31	1 26	24 8	1 19	20 23	0 9	4 3	2 13	23 13	0 7	5 47	1 39	2 26	15 12	18 45	19 8	26 33	0 24	4 36
F 12	8 24	18 47	0s 1	17 21	2 27	3 3	1 28	24 11	1 19	20 21	0 9	4 6	2 13	23 14	0 7	5 46	1 39	2 26	15 11	18 45	19 8	26 34	0 22	4 36
S 13	8 46	22 26	1 7	17 49	2 35	2 35	1 29	24 15	1 19	20 20	0 10	4 8	2 13	23 14	0 7	5 46	1 39	2 27	15 11	18 45	19 7	26 34	0 21	4 37
S 14	9 8	25 3	2 9	18 15	2 41	2 6	1 29	24 18	1 19	20 19	0 10	4 11	2 13	23 14	0 7	5 45	1 39	2 27	15 11	18 45	19 6	26 35	0 20	4 37
M15	9 30	26 31	3 5	18 38	2 47	1 38	1 30	24 21	1 19	20 18	0 10	4 14	2 13	23 14	0 7	5 44	1 39	2 28	15 11	18 46	19 5	26 35	0 18	4 37
T 16	9 51	26 46	3 53	18 58	2 51	1 10	1 31	24 24	1 19	20 17	0 10	4 17	2 13	23 14	0 7	5 44	1 39	2 28	15 11	18 46	19 5	26 36	0 17	4 37
W17	10 12	25 47	4 32	19 15	2 55	0 41	1 32	24 26	1 19	20 15	0 10	4 20	2 13	23 14	0 7	5 43	1 39	2 29	15 11	18 47	19 4	26 36	0 16	4 37
T 18	10 34	23 37	4 58	19 28	2 57	0 13	1 33	24 29	1 19	20 14	0 10	4 23	2 13	23 15	0 7	5 43	1 39	2 29	15 11	18 46	19 3	26 36	0 14	4 37
F 19	10 55	20 22	5 12	19 39	2 59	0n16	1 33	24 31	1 19	20 13	0 10	4 25	2 13	23 15	0 7	5 42	1 39	2 29	15 10	18 46	19 2	26 37	0 13	4 37
S 20	11 15	16 10	5 12	19 47	2 59	0 45	1 34	24 34	1 20	20 12	0 11	4 28	2 13	23 15	0 7	5 41	1 39	2 30	15 10	18 45	19 2	26 37	0 12	4 37
S 21	11 36	11 8	4 57	19 51	2 57	1 13	1 34	24 36	1 20	20 11	0 11	4 31	2 13	23 15	0 7	5 41	1 39	2 30	15 10	18 45	19 1	26 38	0 10	4 37
M22	11 56	5 29	4 25	19 53	2 55	1 42	1 34	24 37	1 20	20 10	0 11	4 34	2 13	23 15	0 7	5 40	1 39	2 31	15 10	18 44	19 0	26 38	0 9	4 37
T 23	12 17	0n35	3 38	19 52	2 51	2 11	1 35	24 39	1 20	20 9	0 11	4 37	2 13	23 15	0 7	5 40	1 39	2 31	15 10	18 43	18 59	26 39	0 8	4 38
W24	12 37	6 48	2 38	19 47	2 46	2 39	1 35	24 40	1 20	20 8	0 11	4 39	2 13	23 16	0 7	5 39	1 39	2 32	15 10	18 42	18 58	26 39	0 7	4 38
T 25	12 57	12 49	1 26	19 40	2 39	3 8	1 35	24 42	1 20	20 7	0 11	4 42	2 13	23 16	0 7	5 38	1 39	2 32	15 10	18 42	18 58	26 40	0 5	4 38
F 26	13 16	18 15	0 7	19 30	2 31	3 36	1 35	24 43	1 20	20 7	0 11	4 45	2 14	23 16	0 7	5 38	1 39	2 33	15 10	18 42	18 57	26 40	0 4	4 38
S 27	13 36	22 39	1n12	19 17	2 22	4 5	1 35	24 44	1 20	20 6	0 12	4 47	2 14	23 16	0 7	5 37	1 39	2 33	15 10	18 42	18 56	26 40	0 3	4 38
S 28	13 55	25 37	2 28	19 1	2 11	4 33	1 35	24 44	1 20	20 5	0 12	4 50	2 14	23 16	0 7	5 37	1 39	2 33	15 9	18 42	18 55	26 41	0 2	4 38
M29	14 14	26 50	3 33	18 43	1 59	5 1	1 35	24 45	1 20	20 4	0 12	4 53	2 14	23 16	0 7	5 36	1 39	2 34	15 9	18 42	18 55	26 41	0 0	4 38
T 30	14n32	26n14	4n24	18n22	1n46	5n29	1s35	24n45	1n20	20s 4	0s12	4n56	2s14	23n17	0n 7	5s35	1n39	2n34	15s 9	18n43	18n54	26s41	0n 1	4n38

Julian Day Number = 2493637.5, Delta T = 100.71 sec
Ecliptic obliquity = 23°25'33, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'02, Lahiri = 25°28'02

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ASTRODIENST EPHEMERIS for the year 2115
geocentric

MAY 2115 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 33 33	10♉ 7'52	4♌39	15°R42	18♈57	29♊45	1♒20	17♈56	21♊39	18°R 9	17♉56	23°R48	24♉30	5♋49	19♓17	W 1
T 2	14 37 30	11° 6'10	18°39	15♉ 8	20°10	0♋23	1°24	18° 4	21°41	18♎ 7	17°57	23♉48	24°27	5°56	19°19	T 2
F 3	14 41 26	12° 4'27	2♍26	14°32	21°24	1° 0	1°27	18°11	21°44	18° 6	17°58	23°48	24°24	6° 2	19°22	F 3
S 4	14 45 23	13° 2'41	15°58	13°54	22°37	1°38	1°30	18°18	21°47	18° 5	18° 0	23°47	24°20	6° 9	19°25	S 4
S 5	14 49 19	14° 0'53	29°16	13°16	23°50	2°15	1°33	18°25	21°50	18° 3	18° 1	23°45	24°17	6°16	19°27	S 5
M 6	14 53 16	14°59'04	12♎19	12°37	25° 4	2°53	1°36	18°32	21°53	18° 2	18° 2	23°44	24°14	6°22	19°30	M 6
T 7	14 57 12	15°57'12	25° 9	11°59	26°17	3°30	1°39	18°39	21°56	18° 0	18° 4	23°43	24°11	6°29	19°32	T 7
W 8	15 1 9	16°55'19	7♏45	11°23	27°31	4° 8	1°41	18°46	21°59	17°59	18° 5	23°43	24° 8	6°36	19°35	W 8
T 9	15 5 6	17°53'24	20° 9	10°48	28°44	4°45	1°43	18°53	22° 2	17°57	18° 7	23°D42	24° 4	6°42	19°37	T 9
F 10	15 9 2	18°51'28	2♐22	10°15	29°57	5°23	1°45	19° 0	22° 5	17°56	18° 8	23°42	24° 1	6°49	19°39	F 10
S 11	15 12 59	19°49'30	14°26	9°46	1♑11	6° 0	1°47	19° 7	22° 9	17°55	18° 9	23°43	23°58	6°56	19°42	S 11
S 12	15 16 55	20°47'30	26°22	9°19	2°24	6°37	1°49	19°14	22°12	17°53	18°11	23°43	23°55	7° 2	19°44	S 12
M13	15 20 52	21°45'29	8♑14	8°57	3°38	7°15	1°51	19°20	22°15	17°52	18°12	23°43	23°52	7° 9	19°46	M13
T 14	15 24 48	22°43'27	20° 4	8°38	4°51	7°52	1°52	19°27	22°18	17°51	18°13	23°43	23°49	7°16	19°48	T 14
W15	15 28 45	23°41'23	1♒57	8°24	6° 4	8°30	1°53	19°34	22°21	17°50	18°15	23°R43	23°45	7°22	19°50	W15
T 16	15 32 41	24°39'18	13°56	8°14	7°18	9° 7	1°54	19°41	22°25	17°48	18°16	23°43	23°42	7°29	19°53	T 16
F 17	15 36 38	25°37'12	26° 7	8° 9	8°31	9°45	1°55	19°47	22°28	17°47	18°17	23°D43	23°39	7°36	19°55	F 17
S 18	15 40 35	26°35'04	8♓32	8°D 8	9°45	10°22	1°55	19°54	22°31	17°46	18°19	23°43	23°36	7°43	19°57	S 18
S 19	15 44 31	27°32'55	21°18	8°12	10°58	11° 0	1°56	20° 0	22°34	17°45	18°20	23°44	23°33	7°49	19°58	S 19
M20	15 48 28	28°30'45	4♈26	8°20	12°12	11°37	1°R56	20° 7	22°38	17°43	18°21	23°44	23°30	7°56	20° 0	M20
T 21	15 52 24	29°28'34	17°59	8°33	13°25	12°14	1°56	20°13	22°41	17°42	18°23	23°45	23°26	8° 3	20° 2	T 21
W22	15 56 21	0♊26'22	1♉58	8°50	14°38	12°52	1°56	20°20	22°44	17°41	18°24	23°45	23°23	8° 9	20° 4	W22
T 23	16 0 17	1°24'08	16°20	9°12	15°52	13°29	1°55	20°26	22°48	17°40	18°25	23°45	23°20	8°16	20° 6	T 23
F 24	16 4 14	2°21'53	1♊ 1	9°38	17° 5	14° 7	1°55	20°32	22°51	17°39	18°27	23°R45	23°17	8°23	20° 7	F 24
S 25	16 8 10	3°19'37	15°55	10° 9	18°19	14°44	1°54	20°39	22°55	17°38	18°28	23°45	23°14	8°29	20° 9	S 25
S 26	16 12 7	4°17'20	0♋54	10°43	19°32	15°22	1°53	20°45	22°58	17°37	18°29	23°44	23°10	8°36	20°11	S 26
M27	16 16 4	5°15'01	15°49	11°21	20°46	15°59	1°52	20°51	23° 1	17°36	18°31	23°43	23° 7	8°43	20°12	M27
T 28	16 20 0	6°12'41	0♌33	12° 3	21°59	16°37	1°50	20°57	23° 5	17°35	18°32	23°41	23° 4	8°49	20°14	T 28
W29	16 23 57	7°10'19	15° 0	12°49	23°13	17°14	1°49	21° 3	23° 8	17°34	18°33	23°40	23° 1	8°56	20°15	W29
T 30	16 27 53	8° 7'56	29° 7	13°39	24°26	17°52	1°47	21° 9	23°12	17°33	18°35	23°39	22°58	9° 3	20°16	T 30
F 31	16 31 50	9♊ 5'31	12♍52	14♉32	25♉39	18♋29	1♒45	21♈15	23♊15	17♎32	18♉36	23°D39	22♉55	9♋ 9	20♓18	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n51	23n55	4n59	18n 0	1n32	5n58	1s34	24n45	1n20	20s 3	0s12	4n58	2s14	23n17	0n 7	5s35	1n39	2n35	15s 9	18n43	18n53	26s42	0n 2	4n39
T 2	15 9	20 13	5 15	17 36	1 17	6 26	1 34	24 45	1 20	20 2	0 12	5 1	2 14	23 17	0 7	5 34	1 39	2 35	15 9	18 43	18 52	26 42	0 3	4 39
F 3	15 27	15 28	5 13	17 10	1 1	6 53	1 34	24 45	1 20	20 2	0 13	5 3	2 14	23 17	0 7	5 34	1 39	2 35	15 9	18 43	18 51	26 43	0 4	4 39
S 4	15 45	10 2	4 53	16 43	0 45	7 21	1 33	24 45	1 20	20 1	0 13	5 6	2 14	23 17	0 7	5 33	1 39	2 36	15 9	18 42	18 51	26 43	0 5	4 39
S 5	16 2	4 14	4 18	16 15	0 28	7 49	1 33	24 44	1 20	20 1	0 13	5 9	2 14	23 18	0 7	5 33	1 39	2 36	15 9	18 42	18 50	26 43	0 7	4 39
M 6	16 19	1s39	3 30	15 47	0 10	8 16	1 32	24 44	1 20	20 0	0 13	5 11	2 14	23 18	0 7	5 32	1 39	2 37	15 9	18 42	18 49	26 44	0 8	4 39
T 7	16 36	7 22	2 32	15 19	0s 7	8 43	1 31	24 43	1 20	20 0	0 13	5 14	2 15	23 18	0 7	5 32	1 39	2 37	15 9	18 42	18 48	26 44	0 9	4 40
W 8	16 53	12 43	1 27	14 51	0 24	9 10	1 31	24 41	1 20	19 59	0 13	5 16	2 15	23 18	0 7	5 31	1 39	2 37	15 9	18 41	18 48	26 44	0 10	4 40
T 9	17 9	17 27	0 20	14 24	0 41	9 37	1 30	24 40	1 20	19 59	0 13	5 19	2 15	23 18	0 7	5 31	1 39	2 38	15 9	18 41	18 47	26 44	0 11	4 40
F 10	17 25	21 24	0s48	13 58	0 58	10 4	1 29	24 39	1 20	19 59	0 14	5 21	2 15	23 18	0 7	5 30	1 39	2 38	15 9	18 41	18 46	26 45	0 12	4 40
S 11	17 41	24 23	1 53	13 33	1 15	10 30	1 28	24 37	1 20	19 58	0 14	5 24	2 15	23 19	0 7	5 30	1 39	2 39	15 9	18 41	18 45	26 45	0 13	4 40
S 12	17 57	26 14	2 52	13 10	1 30	10 56	1 27	24 35	1 20	19 58	0 14	5 26	2 15	23 19	0 7	5 29	1 39	2 39	15 9	18 41	18 44	26 45	0 14	4 40
M13	18 12	26 53	3 43	12 48	1 45	11 22	1 26	24 33	1 20	19 58	0 14	5 29	2 15	23 19	0 7	5 29	1 39	2 39	15 9	18 42	18 44	26 46	0 15	4 41
T 14	18 27	26 17	4 24	12 29	2 0	11 48	1 25	24 31	1 20	19 58	0 14	5 31	2 15	23 19	0 7	5 28	1 39	2 40	15 9	18 42	18 43	26 46	0 16	4 41
W15	18 41	24 30	4 55	12 12	2 13	12 13	1 24	24 29	1 20	19 58	0 14	5 34	2 16	23 19	0 7	5 28	1 39	2 40	15 9	18 42	18 42	26 46	0 17	4 41
T 16	18 55	21 37	5 13	11 57	2 25	12 38	1 23	24 26	1 20	19 58	0 15	5 36	2 16	23 20	0 7	5 27	1 39	2 40	15 9	18 42	18 41	26 46	0 18	4 41
F 17	19 9	17 46	5 17	11 44	2 37	13 3	1 21	24 23	1 20	19 58	0 15	5 38	2 16	23 20	0 7	5 27	1 39	2 41	15 9	18 42	18 41	26 47	0 19	4 41
S 18	19 23	13 6	5 7	11 34	2 47	13 28	1 20	24 20	1 19	19 58	0 15	5 41	2 16	23 20	0 7	5 27	1 39	2 41	15 9	18 42	18 40	26 47	0 20	4 41
S 19	19 36	7 46	4 41	11 27	2 57	13 52	1 18	24 17	1 19	19 58	0 15	5 43	2 16	23 20	0 7	5 26	1 39	2 41	15 9	18 42	18 39	26 47	0 21	4 42
M20	19 49	1 55	4 1	11 21	3 5	14 16	1 17	24 14	1 19	19 58	0 15	5 45	2 16	23 20	0 7	5 26	1 39	2 42	15 9	18 42	18 38	26 47	0 22	4 42
T 21	20 2	4n11	3 6	11 18	3 12	14 39	1 16	24 11	1 19	19 58	0 16	5 48	2 16	23 21	0 7	5 25	1 39	2 42	15 9	18 42	18 37	26 48	0 23	4 42
W22	20 14	10 18	1 58	11 18	3 19	15 3	1 14	24 7	1 19	19 58	0 16	5 50	2 16	23 21	0 7	5 25	1 39	2 42	15 9	18 42	18 37	26 48	0 24	4 42
T 23	20 26	16 3	0 41	11 20	3 24	15 25	1 12	24 3	1 19	19 59	0 16	5 52	2 17	23 21	0 7	5 24	1 39	2 43	15 9	18 42	18 36	26 48	0 24	4 42
F 24	20 37	21 0	0n40	11 24	3 29	15 48	1 11	23 59	1 19	19 59	0 16	5 54	2 17	23 21	0 7	5 24	1 39	2 43	15 9	18 42	18 35	26 48	0 25	4 43
S 25	20 49	24 40	2 0	11 30	3 32	16 10	1 9	23 55	1 19	19 59	0 16	5 56	2 17	23 21	0 7	5 24	1 39	2 43	15 9	18 42	18 34	26 48	0 26	4 43
S 26	20 59	26 37	3 12	11 38	3 35	16 32	1 7	23 51	1 19	20 0	0 16	5 59	2 17	23 22	0 7	5 23	1 39	2 43	15 9	18 42	18 33	26 49	0 27	4 43
M27	21 10	26 38	4 10	11 48	3 36	16 53	1 6	23 46	1 19	20 0	0 17	6 1	2 17	23 22	0 7	5 23	1 39	2 44	15 9	18 41	18 33	26 49	0 28	4 43
T 28	21 20	24 45	4 51	12 0	3 37	17 14	1 4	23 42	1 19	20 1	0 17	6 3	2 17	23 22	0 7	5 23	1 39	2 44	15 9	18 41	18 32	26 49	0 29	4 43
W29	21 30	21 18	5 13	12 14	3 37	17 34	1 2	23 37	1 19	20 1	0 17	6 5	2 18	23 22	0 7	5 22	1 39	2 44	15 9	18 41	18 31	26 49	0 29	4 44
T 30	21 39	16 41	5 15	12 29	3 36	17 54	1 0	23 32	1 19	20 2	0 17	6 7	2 18	23 22	0 7	5 22	1 39	2 44	15 9	18 41	18 30	26 49	0 30	4 44
F 31	21n48	11n19	4n59	12n46	3s35	18n13	0s58	23n27	1n19	20s 2	0s17	6n 9	2s18	23n22	0n 7	5s22	1n39	2n45	15s10	18n41	18n29	26s49	0n31	4n44

Julian Day Number = 2493667.5, Delta T = 100.76 sec
Ecliptic obliquity = 23°25'33, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'06, Lahiri = 25°28'06

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ASTRODIENST EPHEMERIS for the year 2115
geocentric

JUNE 2115 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 35 46	10♊ 3'05	26♍16	15♉28	26♉53	19♋ 6	1°R43	21♈21	23♊19	17°R31	18♉37	23♉40	22♉51	9♂16	20♓19	S 1
S 2	16 39 43	11° 0'37	9♎19	16°28	28° 6	19°44	1♒41	21°27	23°22	17♎31	18°38	23°41	22°48	9°23	20°20	S 2
M 3	16 43 39	11°58'08	22° 5	17°31	29°20	20°21	1°38	21°32	23°26	17°30	18°40	23°42	22°45	9°29	20°21	M 3
T 4	16 47 36	12°55'37	4♏37	18°37	0♊33	20°59	1°36	21°38	23°29	17°29	18°41	23°44	22°42	9°36	20°23	T 4
W 5	16 51 33	13°53'06	16°56	19°46	1°47	21°36	1°33	21°44	23°33	17°28	18°42	23°45	22°39	9°43	20°24	W 5
T 6	16 55 29	14°50'33	29° 5	20°58	3° 0	22°14	1°30	21°49	23°36	17°27	18°43	23°R45	22°36	9°50	20°25	T 6
F 7	16 59 26	15°47'59	11♐ 7	22°14	4°14	22°51	1°27	21°55	23°40	17°27	18°45	23°44	22°32	9°56	20°26	F 7
S 8	17 3 22	16°45'25	23° 3	23°32	5°27	23°29	1°23	22° 0	23°43	17°26	18°46	23°41	22°29	10° 3	20°27	S 8
S 9	17 7 19	17°42'49	4♑56	24°53	6°41	24° 6	1°20	22° 5	23°47	17°25	18°47	23°38	22°26	10°10	20°27	S 9
M10	17 11 15	18°40'13	16°46	26°17	7°54	24°43	1°16	22°11	23°50	17°25	18°48	23°34	22°23	10°16	20°28	M10
T 11	17 15 12	19°37'36	28°38	27°44	9° 8	25°21	1°12	22°16	23°54	17°24	18°50	23°30	22°20	10°23	20°29	T 11
W12	17 19 9	20°34'59	10♒32	29°13	10°21	25°58	1° 8	22°21	23°58	17°24	18°51	23°26	22°16	10°30	20°30	W12
T 13	17 23 5	21°32'20	22°32	0♊46	11°35	26°36	1° 4	22°26	24° 1	17°23	18°52	23°22	22°13	10°36	20°30	T 13
F 14	17 27 2	22°29'41	4♓43	2°21	12°48	27°13	1° 0	22°31	24° 5	17°23	18°53	23°20	22°10	10°43	20°31	F 14
S 15	17 30 58	23°27'02	17° 6	3°59	14° 2	27°51	0°55	22°36	24° 8	17°22	18°54	23°18	22° 7	10°50	20°31	S 15
S 16	17 34 55	24°24'22	29°48	5°40	15°15	28°28	0°51	22°41	24°12	17°22	18°55	23°D18	22° 4	10°56	20°32	S 16
M17	17 38 51	25°21'42	12♈50	7°23	16°29	29° 6	0°46	22°46	24°15	17°21	18°57	23°19	22° 1	11° 3	20°32	M17
T 18	17 42 48	26°19'01	26°18	9° 9	17°42	29°43	0°41	22°50	24°19	17°21	18°58	23°21	21°57	11°10	20°33	T 18
W19	17 46 44	27°16'20	10♉12	10°58	18°56	0♌21	0°36	22°55	24°22	17°21	18°59	23°22	21°54	11°17	20°33	W19
T 20	17 50 41	28°13'39	24°33	12°49	20° 9	0°58	0°30	23° 0	24°26	17°20	19° 0	23°R22	21°51	11°23	20°33	T 20
F 21	17 54 38	29°10'57	9♊18	14°43	21°23	1°36	0°25	23° 4	24°30	17°20	19° 1	23°22	21°48	11°30	20°33	F 21
S 22	17 58 34	0♋ 8'15	24°21	16°40	22°36	2°13	0°19	23° 9	24°33	17°20	19° 2	23°19	21°45	11°37	20°34	S 22
S 23	18 2 31	1° 5'33	9♋33	18°39	23°50	2°51	0°14	23°13	24°37	17°20	19° 3	23°15	21°42	11°43	20°34	S 23
M24	18 6 27	2° 2'50	24°46	20°39	25° 4	3°28	0° 8	23°17	24°40	17°19	19° 4	23°10	21°38	11°50	20°R34	M24
T 25	18 10 24	3° 0'06	9♌48	22°42	26°17	4° 6	0° 2	23°21	24°44	17°19	19° 5	23° 4	21°35	11°57	20°34	T 25
W26	18 14 20	3°57'22	24°31	24°47	27°31	4°43	29♑56	23°25	24°47	17°19	19° 6	22°59	21°32	12° 3	20°34	W26
T 27	18 18 17	4°54'37	8♍49	26°54	28°44	5°21	29°49	23°29	24°51	17°19	19° 7	22°55	21°29	12°10	20°33	T 27
F 28	18 22 13	5°51'52	22°40	29° 2	29°58	5°58	29°43	23°33	24°54	17°19	19° 8	22°52	21°26	12°17	20°33	F 28
S 29	18 26 10	6°49'06	6♎ 4	1♋11	1♋12	6°36	29°37	23°37	24°58	17°D19	19° 9	22°D51	21°22	12°23	20°33	S 29
S 30	18 30 7	7♋46'19	19♎ 3	3♋21	2♋25	7♌13	29♑30	23°41	25♊ 1	17♎19	19♉10	22♉52	21♉19	12♑30	20♓33	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n57	5n34	4n27	13n 5	3s32	18n32	0s56	23n22	1n18	20s 3	0s17	6n11	2s18	23n23	0n 7	5s21	1n38	2n45	15s10	18n41	18n29	26s49	0n31	4n44
S 2	22 5	0s18	3 41	13 24	3 29	18 51	0 54	23 16	1 18	20 4	0 18	6 13	2 18	23 23	0 7	5 21	1 38	2 45	15 10	18 41	18 28	26 50	0 32	4 44
M 3	22 13	6 2	2 46	13 46	3 25	19 9	0 52	23 10	1 18	20 4	0 18	6 15	2 19	23 23	0 7	5 21	1 38	2 45	15 10	18 41	18 27	26 50	0 33	4 45
T 4	22 20	11 25	1 44	14 8	3 21	19 27	0 50	23 5	1 18	20 5	0 18	6 17	2 19	23 23	0 7	5 21	1 38	2 46	15 10	18 42	18 26	26 50	0 33	4 45
W 5	22 27	16 17	0 37	14 31	3 16	19 44	0 48	22 59	1 18	20 6	0 18	6 19	2 19	23 23	0 7	5 20	1 38	2 46	15 10	18 42	18 25	26 50	0 34	4 45
T 6	22 34	20 25	0s29	14 56	3 10	20 0	0 46	22 52	1 18	20 7	0 18	6 21	2 19	23 24	0 7	5 20	1 38	2 46	15 10	18 42	18 25	26 50	0 35	4 45
F 7	22 40	23 39	1 34	15 21	3 4	20 16	0 43	22 46	1 18	20 8	0 18	6 23	2 19	23 24	0 7	5 20	1 38	2 46	15 10	18 42	18 24	26 50	0 35	4 45
S 8	22 46	25 49	2 34	15 47	2 57	20 31	0 41	22 40	1 18	20 9	0 19	6 24	2 19	23 24	0 7	5 20	1 38	2 46	15 10	18 41	18 23	26 50	0 36	4 46
S 9	22 51	26 47	3 27	16 14	2 50	20 46	0 39	22 33	1 18	20 9	0 19	6 26	2 20	23 24	0 7	5 20	1 38	2 47	15 10	18 40	18 22	26 50	0 36	4 46
M10	22 57	26 32	4 11	16 41	2 42	21 1	0 37	22 26	1 17	20 10	0 19	6 28	2 20	23 24	0 7	5 19	1 38	2 47	15 11	18 39	18 21	26 50	0 37	4 46
T 11	23 1	25 4	4 44	17 9	2 33	21 14	0 35	22 19	1 17	20 11	0 19	6 30	2 20	23 24	0 7	5 19	1 38	2 47	15 11	18 38	18 20	26 50	0 37	4 46
W12	23 5	22 29	5 5	17 37	2 24	21 27	0 32	22 12	1 17	20 13	0 19	6 31	2 20	23 25	0 7	5 19	1 38	2 47	15 11	18 37	18 20	26 50	0 38	4 46
T 13	23 9	18 55	5 13	18 6	2 15	21 40	0 30	22 5	1 17	20 14	0 20	6 33	2 20	23 25	0 7	5 19	1 38	2 47	15 11	18 36	18 19	26 50	0 38	4 47
F 14	23 13	14 32	5 7	18 34	2 5	21 52	0 28	21 58	1 17	20 15	0 20	6 35	2 21	23 25	0 7	5 19	1 38	2 48	15 11	18 36	18 18	26 50	0 38	4 47
S 15	23 16	9 29	4 47	19 3	1 55	22 3	0 25	21 50	1 17	20 16	0 20	6 36	2 21	23 25	0 7	5 19	1 38	2 48	15 11	18 35	18 17	26 51	0 39	4 47
S 16	23 18	3 56	4 12	19 31	1 45	22 14	0 23	21 42	1 17	20 17	0 20	6 38	2 21	23 25	0 7	5 18	1 38	2 48	15 11	18 35	18 16	26 51	0 39	4 47
M17	23 21	1n57	3 23	19 59	1 34	22 24	0 21	21 35	1 16	20 18	0 20	6 40	2 21	23 25	0 7	5 18	1 38	2 48	15 12	18 36	18 16	26 51	0 40	4 48
T 18	23 22	7 56	2 23	20 26	1 23	22 33	0 18	21 27	1 16	20 20	0 20	6 41	2 22	23 26	0 7	5 18	1 38	2 48	15 12	18 36	18 15	26 51	0 40	4 48
W19	23 24	13 44	1 11	20 53	1 12	22 42	0 16	21 18	1 16	20 21	0 21	6 43	2 22	23 26	0 7	5 18	1 38	2 48	15 12	18 36	18 14	26 51	0 40	4 48
T 20	23 25	19 0	0n 6	21 19	1 1	22 50	0 13	21 10	1 16	20 22	0 21	6 44	2 22	23 26	0 7	5 18	1 38	2 48	15 12	18 36	18 13	26 51	0 41	4 48
F 21	23 25	23 15	1 26	21 44	0 49	22 58	0 11	21 2	1 16	20 24	0 21	6 46	2 22	23 26	0 7	5 18	1 38	2 48	15 12	18 36	18 12	26 51	0 41	4 48
S 22	23 26	25 59	2 41	22 8	0 38	23 5	0 9	20 53	1 16	20 25	0 21	6 47	2 22	23 26	0 7	5 18	1 38	2 49	15 12	18 35	18 11	26 50	0 41	4 49
S 23	23 25	26 49	3 45	22 30	0 27	23 11	0 6	20 44	1 16	20 26	0 21	6 48	2 23	23 26	0 7	5 18	1 37	2 49	15 13	18 34	18 11	26 50	0 41	4 49
M24	23 25	25 38	4 33	22 51	0 15	23 16	0 4	20 35	1 15	20 28	0 22	6 50	2 23	23 27	0 7	5 18	1 37	2 49	15 13	18 33	18 10	26 50	0 42	4 49
T 25	23 24	22 37	5 2	23 10	0 4	23 21	0 1	20 26	1 15	20 29	0 22	6 51	2 23	23 27	0 7	5 18	1 37	2 49	15 13	18 32	18 9	26 50	0 42	4 49
W26	23 22	18 12	5 10	23 26	0n 7	23 25	0n 1	20 17	1 15	20 31	0 22	6 52	2 23	23 27	0 7	5 18	1 37	2 49	15 13	18 30	18 8	26 50	0 42	4 49
T 27	23 20	12 52	4 58	23 41	0 18	23 29	0 3	20 8	1 15	20 32	0 22	6 54	2 24	23 27	0 7	5 18	1 37	2 49	15 13	18 29	18 7	26 50	0 42	4 50
F 28	23 18	7 2	4 29	23 54	0 28	23 31	0 6	19 59	1 15	20 34	0 22	6 55	2 24	23 27	0 7	5 18	1 37	2 49	15 14	18 29	18 7	26 50	0 42	4 50
S 29	23 15	1 3	3 46	24 3	0 38	23 33	0 8	19 49	1 15	20 35	0 22	6 56	2 24	23 27	0 8	5 18	1 37	2 49	15 14	18 28	18 6	26 50	0 42	4 50
S 30	23n12	4s47	2n53	24n11	0n48	23n35	0n11	19n39	1n14	20s37	0s23	6n57	2s24	23n27	0n 8	5s18	1n37	2n49	15s14	18n29	18n 5	26s50	0n42	4n50

Julian Day Number = 2493698.5, Delta T = 100.80 sec
Ecliptic obliquity = 23°25'33, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'10, Lahiri = 25°28'11

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ASTRODIENST EPHEMERIS for the year 2115
geocentric

JULY 2115 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 34 3	8♋43'32	1♏41	5♋31	3♋39	7♌51	29°R23	23♈45	25♊ 5	17♎19	19♉11	22♉53	21♉16	12♑37	20°R32	M 1
T 2	18 38 0	9°40'44	14° 2	7°42	4°53	8°28	29♑16	23°48	25° 8	17°19	19°12	22°54	21°13	12°44	20♓32	T 2
W 3	18 41 56	10°37'56	26°11	9°53	6° 6	9° 6	29°10	23°52	25°12	17°19	19°13	22°R54	21°10	12°50	20°31	W 3
T 4	18 45 53	11°35'08	8♐10	12° 4	7°20	9°43	29° 3	23°55	25°15	17°19	19°14	22°53	21° 7	12°57	20°31	T 4
F 5	18 49 49	12°32'19	20° 4	14°14	8°34	10°21	28°56	23°58	25°19	17°20	19°15	22°50	21° 3	13° 4	20°30	F 5
S 6	18 53 46	13°29'31	1♑56	16°24	9°47	10°58	28°48	24° 2	25°22	17°20	19°16	22°44	21° 0	13°10	20°30	S 6
S 7	18 57 42	14°26'42	13°46	18°33	11° 1	11°36	28°41	24° 5	25°26	17°20	19°16	22°36	20°57	13°17	20°29	S 7
M 8	19 1 39	15°23'53	25°38	20°40	12°15	12°14	28°34	24° 8	25°29	17°20	19°17	22°27	20°54	13°24	20°28	M 8
T 9	19 5 36	16°21'04	7♒32	22°46	13°28	12°51	28°27	24°11	25°32	17°21	19°18	22°17	20°51	13°30	20°27	T 9
W10	19 9 32	17°18'16	19°31	24°51	14°42	13°29	28°19	24°13	25°36	17°21	19°19	22° 7	20°48	13°37	20°27	W10
T 11	19 13 29	18°15'27	1♓37	26°54	15°56	14° 6	28°12	24°16	25°39	17°21	19°20	21°58	20°44	13°44	20°26	T 11
F 12	19 17 25	19°12'39	13°51	28°56	17°10	14°44	28° 4	24°19	25°43	17°22	19°21	21°51	20°41	13°50	20°25	F 12
S 13	19 21 22	20° 9'51	26°17	0♌56	18°23	15°21	27°57	24°21	25°46	17°22	19°21	21°46	20°38	13°57	20°24	S 13
S 14	19 25 18	21° 7'04	8♈58	2°54	19°37	15°59	27°49	24°24	25°49	17°23	19°22	21°44	20°35	14° 4	20°23	S 14
M15	19 29 15	22° 4'17	21°57	4°50	20°51	16°37	27°41	24°26	25°52	17°23	19°23	21°D43	20°32	14°11	20°22	M15
T 16	19 33 11	23° 1'30	5♉18	6°44	22° 5	17°14	27°34	24°29	25°56	17°24	19°23	21°43	20°28	14°17	20°20	T 16
W17	19 37 8	23°58'44	19° 3	8°37	23°18	17°52	27°26	24°31	25°59	17°24	19°24	21°R44	20°25	14°24	20°19	W17
T 18	19 41 5	24°55'59	3♊14	10°28	24°32	18°29	27°18	24°33	26° 2	17°25	19°25	21°43	20°22	14°31	20°18	T 18
F 19	19 45 1	25°53'15	17°50	12°17	25°46	19° 7	27°11	24°35	26° 5	17°25	19°25	21°41	20°19	14°37	20°17	F 19
S 20	19 48 58	26°50'31	2♋47	14° 4	27° 0	19°45	27° 3	24°37	26° 9	17°26	19°26	21°36	20°16	14°44	20°15	S 20
S 21	19 52 54	27°47'48	17°59	15°49	28°14	20°22	26°55	24°39	26°12	17°27	19°27	21°29	20°13	14°51	20°14	S 21
M22	19 56 51	28°45'05	3♌14	17°32	29°28	21° 0	26°47	24°40	26°15	17°27	19°27	21°20	20° 9	14°57	20°12	M22
T 23	20 0 47	29°42'22	18°23	19°14	0♌42	21°38	26°40	24°42	26°18	17°28	19°28	21°10	20° 6	15° 4	20°11	T 23
W24	20 4 44	0♌39'40	3♍14	20°53	1°56	22°16	26°32	24°43	26°21	17°29	19°28	21° 1	20° 3	15°11	20° 9	W24
T 25	20 8 41	1°36'58	17°42	22°31	3° 9	22°53	26°24	24°45	26°24	17°30	19°29	20°53	20° 0	15°18	20° 8	T 25
F 26	20 12 37	2°34'16	1♎40	24° 7	4°23	23°31	26°17	24°46	26°27	17°31	19°29	20°47	19°57	15°24	20° 6	F 26
S 27	20 16 34	3°31'35	15° 9	25°41	5°37	24° 9	26° 9	24°47	26°30	17°32	19°30	20°44	19°54	15°31	20° 4	S 27
S 28	20 20 30	4°28'54	28°10	27°13	6°51	24°46	26° 1	24°48	26°33	17°32	19°30	20°43	19°50	15°38	20° 3	S 28
M29	20 24 27	5°26'14	10♏47	28°43	8° 5	25°24	25°54	24°49	26°36	17°33	19°31	20°D42	19°47	15°44	20° 1	M29
T 30	20 28 23	6°23'34	23° 5	0♍11	9°19	26° 2	25°46	24°50	26°39	17°34	19°31	20°R43	19°44	15°51	19°59	T 30
W31	20 32 20	7♌20'54	5♐10	1♍38	10♌33	26♌40	25♑39	24♈51	26♊42	17♎35	19♉32	20♉42	19♉41	15♑58	19♓57	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 8	10s18	1n52	24n15	0n57	23n35	0n13	19n30	1n14	20s38	0s23	6n58	2s25	23n28	0n 8	5s18	1n37	2n49	15s14	18n29	18n 4	26s50	0n42	4n51
T 2	23 4	15 17	0 48	24 17	1 5	23 35	0 15	19 20	1 14	20 40	0 23	6 59	2 25	23 28	0 8	5 18	1 37	2 49	15 14	18 29	18 3	26 50	0 42	4 51
W 3	23 0	19 34	0s18	24 16	1 13	23 35	0 18	19 10	1 14	20 41	0 23	7 0	2 25	23 28	0 8	5 18	1 37	2 49	15 15	18 29	18 2	26 50	0 42	4 51
T 4	22 55	23 0	1 21	24 12	1 20	23 33	0 20	18 59	1 14	20 43	0 23	7 1	2 25	23 28	0 8	5 18	1 37	2 49	15 15	18 29	18 2	26 50	0 42	4 51
F 5	22 50	25 24	2 21	24 6	1 26	23 31	0 22	18 49	1 14	20 45	0 23	7 2	2 26	23 28	0 8	5 18	1 37	2 49	15 15	18 28	18 1	26 49	0 42	4 51
S 6	22 45	26 39	3 14	23 56	1 32	23 28	0 25	18 39	1 13	20 46	0 24	7 3	2 26	23 28	0 8	5 19	1 37	2 49	15 15	18 27	18 0	26 49	0 42	4 52
S 7	22 39	26 40	3 59	23 45	1 37	23 25	0 27	18 28	1 13	20 48	0 24	7 4	2 26	23 28	0 8	5 19	1 37	2 49	15 16	18 25	17 59	26 49	0 42	4 52
M 8	22 32	25 28	4 33	23 30	1 41	23 21	0 29	18 17	1 13	20 50	0 24	7 5	2 26	23 29	0 8	5 19	1 37	2 49	15 16	18 22	17 58	26 49	0 42	4 52
T 9	22 26	23 8	4 55	23 13	1 44	23 16	0 31	18 7	1 13	20 51	0 24	7 6	2 27	23 29	0 8	5 19	1 37	2 49	15 16	18 20	17 57	26 49	0 42	4 52
W10	22 18	19 46	5 5	22 54	1 47	23 10	0 33	17 56	1 13	20 53	0 24	7 7	2 27	23 29	0 8	5 19	1 37	2 49	15 16	18 17	17 57	26 49	0 42	4 52
T 11	22 11	15 34	5 1	22 33	1 49	23 4	0 36	17 45	1 12	20 54	0 24	7 7	2 27	23 29	0 8	5 19	1 37	2 49	15 16	18 15	17 56	26 49	0 42	4 53
F 12	22 3	10 42	4 43	22 10	1 50	22 57	0 38	17 33	1 12	20 56	0 24	7 8	2 27	23 29	0 8	5 20	1 37	2 49	15 17	18 13	17 55	26 48	0 41	4 53
S 13	21 55	5 20	4 12	21 44	1 51	22 49	0 40	17 22	1 12	20 58	0 25	7 9	2 28	23 29	0 8	5 20	1 37	2 49	15 17	18 12	17 54	26 48	0 41	4 53
S 14	21 46	0n22	3 28	21 17	1 50	22 41	0 42	17 11	1 12	20 59	0 25	7 9	2 28	23 29	0 8	5 20	1 36	2 49	15 17	18 11	17 53	26 48	0 41	4 53
M15	21 37	6 12	2 32	20 49	1 50	22 32	0 44	16 59	1 12	21 1	0 25	7 10	2 28	23 29	0 8	5 20	1 36	2 49	15 17	18 11	17 52	26 48	0 41	4 53
T 16	21 28	11 55	1 27	20 19	1 48	22 22	0 46	16 48	1 11	21 3	0 25	7 11	2 28	23 29	0 8	5 20	1 36	2 49	15 18	18 11	17 51	26 48	0 40	4 53
W17	21 18	17 15	0 14	19 48	1 46	22 12	0 48	16 36	1 11	21 4	0 25	7 11	2 29	23 30	0 8	5 21	1 36	2 49	15 18	18 11	17 51	26 47	0 40	4 54
T 18	21 8	21 47	1n 1	19 16	1 43	22 1	0 50	16 24	1 11	21 6	0 25	7 12	2 29	23 30	0 8	5 21	1 36	2 49	15 18	18 11	17 50	26 47	0 40	4 54
F 19	20 57	25 6	2 14	18 42	1 40	21 50	0 52	16 12	1 11	21 8	0 25	7 12	2 29	23 30	0 8	5 21	1 36	2 49	15 18	18 11	17 49	26 47	0 39	4 54
S 20	20 47	26 44	3 20	18 8	1 36	21 37	0 54	16 0	1 10	21 9	0 26	7 13	2 30	23 30	0 8	5 22	1 36	2 48	15 19	18 9	17 48	26 47	0 39	4 54
S 21	20 35	26 24	4 13	17 33	1 31	21 25	0 56	15 48	1 10	21 11	0 26	7 13	2 30	23 30	0 8	5 22	1 36	2 48	15 19	18 7	17 47	26 46	0 39	4 54
M22	20 24	24 5	4 48	16 57	1 27	21 11	0 57	15 36	1 10	21 13	0 26	7 13	2 30	23 30	0 8	5 22	1 36	2 48	15 19	18 5	17 46	26 46	0 38	4 55
T 23	20 12	20 6	5 2	16 20	1 21	20 57	0 59	15 23	1 10	21 14	0 26	7 14	2 30	23 30	0 8	5 23	1 36	2 48	15 20	18 2	17 46	26 46	0 38	4 55
W24	20 0	14 54	4 56	15 43	1 15	20 42	1 1	15 11	1 10	21 16	0 26	7 14	2 31	23 30	0 8	5 23	1 36	2 48	15 20	18 0	17 45	26 46	0 37	4 55
T 25	19 47	9 0	4 30	15 5	1 9	20 27	1 2	14 58	1 9	21 17	0 26	7 14	2 31	23 30	0 8	5 23	1 36	2 48	15 20	17 58	17 44	26 45	0 37	4 55
F 26	19 34	2 51	3 49	14 27	1 2	20 11	1 4	14 46	1 9	21 19	0 26	7 14	2 31	23 31	0 8	5 24	1 36	2 48	15 20	17 56	17 43	26 45	0 36	4 55
S 27	19 21	3s14	2 57	13 49	0 55	19 55	1 6	14 33	1 9	21 21	0 27	7 15	2 31	23 31	0 8	5 24	1 36	2 48	15 21	17 56	17 42	26 45	0 36	4 55
S 28	19 8	9 0	1 57	13 11	0 48	19 38	1 7	14 20	1 9	21 22	0 27	7 15	2 32	23 31	0 8	5 24	1 36	2 47	15 21	17 55	17 41	26 44	0 35	4 55
M29	18 54	14 13	0 52	12 32	0 40	19 20	1 9	14 7	1 8	21 24	0 27	7 15	2 32	23 31	0 8	5 25	1 36	2 47	15 21	17 55	17 40	26 44	0 35	4 56
T 30	18 40	18 44	0s13	11 54	0 32	19 2	1 10	13 54	1 8	21 25	0 27	7 15	2 32	23 31	0 8	5 25	1 36	2 47	15 22	17 55	17 40	26 44	0 34	4 56
W31	18n25	22s24	1s16	11n15	0n23	18n44	1n11	13n41	1n 8	21s27	0s27	7n15	2s33	23n31	0n 8	5s26	1n36	2n47	15s22	17n55	17n39	26s43	0n34	4n56

Julian Day Number = 2493728.5, Delta T = 100.84 sec
Ecliptic obliquity = 23°25'33, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'14, Lahiri = 25°28'15

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ASTRODIENST EPHEMERIS for the year 2115
geocentric

AUGUST 2115 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 36 16	8♌18'15	17♐ 5	3♍ 2	11♌47	27♌17	25°R31	24♈52	26♊45	17♎36	19♉32	20°R39	19♉38	16♑ 4	19°R55	T 1
F 2	20 40 13	9°15'36	28°56	4°25	13° 1	27°55	25♑24	24°52	26°48	17°37	19°33	20♉34	19°34	16°11	19♓53	F 2
S 3	20 44 10	10°12'59	10♑46	5°45	14°15	28°33	25°17	24°53	26°51	17°38	19°33	20°26	19°31	16°18	19°51	S 3
S 4	20 48 6	11°10'21	22°37	7° 4	15°29	29°11	25°10	24°53	26°54	17°40	19°33	20°16	19°28	16°25	19°49	S 4
M 5	20 52 3	12° 7'45	4♒33	8°20	16°43	29°49	25° 2	24°53	26°56	17°41	19°34	20° 3	19°25	16°31	19°47	M 5
T 6	20 55 59	13° 5'09	16°34	9°35	17°57	0♍27	24°55	24°53	26°59	17°42	19°34	19°50	19°22	16°38	19°45	T 6
W 7	20 59 56	14° 2'35	28°42	10°47	19°11	1° 4	24°48	24°R53	27° 2	17°43	19°34	19°36	19°19	16°45	19°43	W 7
T 8	21 3 52	15° 0'01	10♓58	11°57	20°25	1°42	24°42	24°53	27° 4	17°44	19°34	19°24	19°15	16°51	19°41	T 8
F 9	21 7 49	15°57'28	23°22	13° 4	21°39	2°20	24°35	24°53	27° 7	17°45	19°35	19°14	19°12	16°58	19°39	F 9
S 10	21 11 45	16°54'57	5♈57	14° 9	22°53	2°58	24°28	24°53	27°10	17°47	19°35	19° 7	19° 9	17° 5	19°37	S 10
S 11	21 15 42	17°52'27	18°45	15°12	24° 7	3°36	24°22	24°53	27°12	17°48	19°35	19° 2	19° 6	17°11	19°34	S 11
M12	21 19 38	18°49'58	1♉46	16°11	25°21	4°14	24°15	24°52	27°15	17°49	19°35	19° 0	19° 3	17°18	19°32	M12
T 13	21 23 35	19°47'30	15° 6	17° 8	26°35	4°52	24° 9	24°52	27°17	17°51	19°35	18°59	19° 0	17°25	19°30	T 13
W14	21 27 32	20°45'04	28°45	18° 3	27°49	5°30	24° 3	24°51	27°20	17°52	19°35	18°59	18°56	17°32	19°27	W14
T 15	21 31 28	21°42'39	12♊45	18°54	29° 4	6° 8	23°57	24°50	27°22	17°53	19°36	18°59	18°53	17°38	19°25	T 15
F 16	21 35 25	22°40'16	27° 7	19°42	0♍18	6°46	23°51	24°49	27°24	17°55	19°36	18°56	18°50	17°45	19°22	F 16
S 17	21 39 21	23°37'55	11♋49	20°26	1°32	7°24	23°45	24°48	27°27	17°56	19°36	18°50	18°47	17°52	19°20	S 17
S 18	21 43 18	24°35'35	26°45	21° 7	2°46	8° 2	23°39	24°47	27°29	17°58	19°36	18°42	18°44	17°58	19°17	S 18
M19	21 47 14	25°33'16	11♌47	21°44	4° 0	8°40	23°34	24°46	27°31	17°59	19°36	18°32	18°40	18° 5	19°15	M19
T 20	21 51 11	26°30'59	26°47	22°18	5°14	9°18	23°28	24°45	27°34	18° 1	19°R36	18°21	18°37	18°12	19°12	T 20
W21	21 55 8	27°28'42	11♍34	22°47	6°28	9°56	23°23	24°43	27°36	18° 2	19°36	18°10	18°34	18°18	19°10	W21
T 22	21 59 4	28°26'27	26° 0	23°11	7°43	10°34	23°18	24°42	27°38	18° 4	19°36	18° 1	18°31	18°25	19° 7	T 22
F 23	22 3 1	29°24'13	10♎ 0	23°31	8°57	11°12	23°13	24°40	27°40	18° 6	19°36	17°54	18°28	18°32	19° 5	F 23
S 24	22 6 57	0♍22'01	23°32	23°46	10°11	11°50	23° 8	24°38	27°42	18° 7	19°36	17°50	18°25	18°39	19° 2	S 24
S 25	22 10 54	1°19'49	6♏36	23°56	11°25	12°28	23° 4	24°37	27°44	18° 9	19°36	17°48	18°21	18°45	18°59	S 25
M26	22 14 50	2°17'39	19°16	24°R 1	12°39	13° 6	22°59	24°35	27°46	18°10	19°35	17°D48	18°18	18°52	18°57	M26
T 27	22 18 47	3°15'30	1♐36	23°59	13°53	13°45	22°55	24°33	27°48	18°12	19°35	17°R48	18°15	18°59	18°54	T 27
W28	22 22 43	4°13'22	13°41	23°53	15° 8	14°23	22°51	24°31	27°50	18°14	19°35	17°47	18°12	19° 5	18°51	W28
T 29	22 26 40	5°11'15	25°37	23°40	16°22	15° 1	22°47	24°29	27°52	18°16	19°35	17°45	18° 9	19°12	18°49	T 29
F 30	22 30 37	6° 9'10	7♑27	23°21	17°36	15°39	22°43	24°26	27°54	18°17	19°35	17°41	18° 5	19°19	18°46	F 30
S 31	22 34 33	7♍ 7'06	19♑18	22♍56	18♍50	16♍17	22♑39	24♈24	27♊55	18♎19	19♉35	17♉35	18♉ 2	19♑26	18♓43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n11	25s 2	2s15	10n36	0n14	18n24	1n13	13n28	1n 8	21s28	0s27	7n15	2s33	23n31	0n 8	5s26	1n36	2n47	15s22	17n54	17n38	26s43	0n33	4n56
F 2	17 56	26 33	3 8	9 58	0 5	18 5	1 14	13 15	1 7	21 30	0 27	7 15	2 33	23 31	0 8	5 26	1 36	2 47	15 22	17 53	17 37	26 43	0 32	4 56
S 3	17 40	26 50	3 52	9 20	0s 4	17 44	1 15	13 1	1 7	21 31	0 27	7 15	2 33	23 31	0 8	5 27	1 36	2 46	15 23	17 51	17 36	26 42	0 32	4 56
S 4	17 25	25 54	4 26	8 42	0 14	17 24	1 16	12 48	1 7	21 32	0 27	7 15	2 34	23 31	0 8	5 27	1 35	2 46	15 23	17 48	17 35	26 42	0 31	4 56
M 5	17 9	23 47	4 49	8 4	0 23	17 3	1 17	12 34	1 7	21 34	0 28	7 14	2 34	23 31	0 8	5 28	1 35	2 46	15 23	17 45	17 34	26 42	0 30	4 56
T 6	16 53	20 37	4 59	7 27	0 34	16 41	1 18	12 21	1 6	21 35	0 28	7 14	2 34	23 31	0 8	5 28	1 35	2 46	15 24	17 41	17 34	26 41	0 30	4 57
W 7	16 36	16 32	4 56	6 51	0 44	16 19	1 19	12 7	1 6	21 37	0 28	7 14	2 35	23 32	0 8	5 29	1 35	2 46	15 24	17 37	17 33	26 41	0 29	4 57
T 8	16 20	11 45	4 39	6 15	0 54	15 56	1 20	11 53	1 6	21 38	0 28	7 14	2 35	23 32	0 8	5 29	1 35	2 45	15 24	17 34	17 32	26 41	0 28	4 57
F 9	16 3	6 26	4 9	5 39	1 5	15 33	1 21	11 40	1 6	21 39	0 28	7 13	2 35	23 32	0 8	5 30	1 35	2 45	15 24	17 31	17 31	26 40	0 27	4 57
S 10	15 45	0 48	3 26	5 4	1 16	15 10	1 22	11 26	1 5	21 41	0 28	7 13	2 35	23 32	0 8	5 30	1 35	2 45	15 25	17 29	17 30	26 40	0 27	4 57
S 11	15 28	4n59	2 32	4 30	1 26	14 46	1 22	11 12	1 5	21 42	0 28	7 13	2 36	23 32	0 8	5 31	1 35	2 45	15 25	17 28	17 29	26 39	0 26	4 57
M12	15 10	10 41	1 30	3 57	1 37	14 22	1 23	10 58	1 5	21 43	0 28	7 12	2 36	23 32	0 8	5 31	1 35	2 44	15 25	17 28	17 28	26 39	0 25	4 57
T 13	14 52	16 2	0 21	3 25	1 48	13 57	1 24	10 43	1 5	21 44	0 28	7 12	2 36	23 32	0 8	5 32	1 35	2 44	15 26	17 27	17 27	26 39	0 24	4 57
W14	14 34	20 42	0n51	2 54	1 59	13 32	1 24	10 29	1 4	21 45	0 28	7 11	2 36	23 32	0 8	5 32	1 35	2 44	15 26	17 27	17 27	26 38	0 23	4 57
T 15	14 16	24 20	2 2	2 23	2 10	13 7	1 25	10 15	1 4	21 46	0 29	7 11	2 37	23 32	0 8	5 33	1 35	2 44	15 26	17 27	17 26	26 38	0 22	4 57
F 16	13 57	26 30	3 7	1 55	2 22	12 41	1 25	10 1	1 4	21 48	0 29	7 10	2 37	23 32	0 8	5 34	1 35	2 43	15 26	17 26	17 25	26 37	0 22	4 58
S 17	13 38	26 54	4 1	1 27	2 33	12 15	1 25	9 46	1 3	21 49	0 29	7 10	2 37	23 32	0 8	5 34	1 35	2 43	15 27	17 25	17 24	26 37	0 21	4 58
S 18	13 19	25 21	4 39	1 1	2 43	11 49	1 26	9 32	1 3	21 50	0 29	7 9	2 37	23 32	0 8	5 35	1 35	2 43	15 27	17 23	17 23	26 36	0 20	4 58
M19	13 0	22 1	4 58	0 36	2 54	11 22	1 26	9 17	1 3	21 51	0 29	7 8	2 38	23 32	0 8	5 35	1 35	2 43	15 27	17 20	17 22	26 36	0 19	4 58
T 20	12 40	17 14	4 57	0 13	3 5	10 55	1 26	9 3	1 3	21 52	0 29	7 8	2 38	23 32	0 8	5 36	1 35	2 42	15 28	17 17	17 21	26 35	0 18	4 58
W21	12 20	11 29	4 36	0s 7	3 15	10 28	1 26	8 48	1 2	21 53	0 29	7 7	2 38	23 32	0 8	5 37	1 35	2 42	15 28	17 14	17 21	26 35	0 17	4 58
T 22	12 1	5 13	3 58	0 26	3 25	10 0	1 26	8 34	1 2	21 54	0 29	7 6	2 38	23 32	0 8	5 37	1 35	2 42	15 28	17 11	17 20	26 34	0 16	4 58
F 23	11 40	1s 7	3 6	0 43	3 35	9 32	1 26	8 19	1 2	21 55	0 29	7 5	2 39	23 33	0 8	5 38	1 35	2 41	15 28	17 9	17 19	26 34	0 15	4 58
S 24	11 20	7 12	2 5	0 58	3 44	9 4	1 26	8 4	1 1	21 55	0 29	7 4	2 39	23 33	0 8	5 39	1 35	2 41	15 29	17 8	17 18	26 33	0 14	4 58
S 25	11 0	12 47	0 59	1 10	3 53	8 36	1 26	7 49	1 1	21 56	0 29	7 4	2 39	23 33	0 8	5 39	1 35	2 41	15 29	17 8	17 17	26 33	0 13	4 58
M26	10 39	17 40	0s 8	1 19	4 1	8 7	1 26	7 34	1 1	21 57	0 29	7 3	2 39	23 33	0 8	5 40	1 35	2 41	15 29	17 8	17 16	26 32	0 12	4 58
T 27	10 18	21 39	1 13	1 25	4 9	7 39	1 25	7 19	1 1	21 58	0 29	7 2	2 40	23 33	0 8	5 41	1 35	2 40	15 30	17 8	17 15	26 32	0 11	4 58
W28	9 57	24 38	2 13	1 29	4 15	7 10	1 25	7 4	1 0	21 59	0 29	7 1	2 40	23 33	0 8	5 41	1 35	2 40	15 30	17 8	17 14	26 31	0 10	4 58
T 29	9 36	26 27	3 6	1 29	4 21	6 40	1 24	6 49	1 0	21 59	0 30	7 0	2 40	23 33	0 8	5 42	1 35	2 40	15 30	17 7	17 13	26 31	0 9	4 58
F 30	9 15	27 4	3 51	1 25	4 25	6 11	1 24	6 34	1 0	22 0	0 30	6 59	2 40	23 33	0 8	5 43	1 35	2 39	15 31	17 6	17 13	26 30	0 8	4 58
S 31	8n54	26s26	4s26	1s18	4s28	5n41	1n23	6n19	0n59	22s 1	0s30	6n58	2s41	23n33	0n 8	5s43	1n34	2n39	15s31	17n 4	17n12	26s30	0n 7	4n58

Julian Day Number = 2493759.5, Delta T = 100.89 sec
Ecliptic obliquity = 23°25'33, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'19, Lahiri = 25°28'19

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ASTRODIENST EPHEMERIS for the year 2115
geocentric

SEPTEMBER 2115 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 38 30	8♍ 5'03	1♒13	22°R25	20♍ 4	16♍56	22°R36	24°R22	27♊57	18♎21	19°R34	17°R26	17♉59	19♑32	18°R40	S 1
M 2	22 42 26	9° 3'02	13°14	21♍49	21°19	17°34	22♑33	24♈19	27°59	18°23	19♉34	17♉15	17°56	19°39	18♓37	M 2
T 3	22 46 23	10° 1'02	25°23	21° 7	22°33	18°12	22°30	24°16	28° 0	18°25	19°34	17° 3	17°53	19°46	18°35	T 3
W 4	22 50 19	10°59'04	7♓43	20°20	23°47	18°51	22°27	24°14	28° 2	18°26	19°34	16°51	17°50	19°52	18°32	W 4
T 5	22 54 16	11°57'07	20°13	19°29	25° 1	19°29	22°24	24°11	28° 3	18°28	19°33	16°40	17°46	19°59	18°29	T 5
F 6	22 58 12	12°55'12	2♈54	18°35	26°15	20° 7	22°21	24° 8	28° 5	18°30	19°33	16°31	17°43	20° 6	18°26	F 6
S 7	23 2 9	13°53'19	15°45	17°38	27°29	20°46	22°19	24° 5	28° 6	18°32	19°32	16°24	17°40	20°12	18°23	S 7
S 8	23 6 5	14°51'27	28°48	16°39	28°44	21°24	22°17	24° 2	28° 8	18°34	19°32	16°21	17°37	20°19	18°21	S 8
M 9	23 10 2	15°49'38	12♉ 3	15°41	29°58	22° 2	22°15	23°59	28° 9	18°36	19°32	16°D19	17°34	20°26	18°18	M 9
T 10	23 13 59	16°47'50	25°30	14°43	1♎12	22°41	22°13	23°56	28°10	18°38	19°31	16°19	17°31	20°33	18°15	T 10
W11	23 17 55	17°46'05	9♊12	13°48	2°26	23°19	22°11	23°52	28°12	18°40	19°31	16°20	17°27	20°39	18°12	W11
T 12	23 21 52	18°44'22	23° 8	12°57	3°40	23°58	22°10	23°49	28°13	18°42	19°30	16°R20	17°24	20°46	18° 9	T 12
F 13	23 25 48	19°42'41	7♋19	12°10	4°55	24°36	22° 9	23°46	28°14	18°44	19°30	16°19	17°21	20°53	18° 6	F 13
S 14	23 29 45	20°41'02	21°43	11°30	6° 9	25°15	22° 8	23°42	28°15	18°46	19°29	16°15	17°18	20°59	18° 4	S 14
S 15	23 33 41	21°39'25	6♌17	10°57	7°23	25°53	22° 7	23°38	28°16	18°48	19°29	16°10	17°15	21° 6	18° 1	S 15
M16	23 37 38	22°37'50	20°56	10°32	8°37	26°32	22° 6	23°35	28°17	18°50	19°28	16° 2	17°11	21°13	17°58	M16
T 17	23 41 34	23°36'17	5♍33	10°15	9°52	27°10	22° 6	23°31	28°18	18°52	19°28	15°54	17° 8	21°20	17°55	T 17
W18	23 45 31	24°34'46	20° 1	10°D 8	11° 6	27°49	22° 6	23°27	28°19	18°54	19°27	15°46	17° 5	21°26	17°52	W18
T 19	23 49 28	25°33'17	4♎13	10°10	12°20	28°28	22°D 6	23°23	28°20	18°56	19°27	15°39	17° 2	21°33	17°50	T 19
F 20	23 53 24	26°31'49	18° 4	10°21	13°34	29° 6	22° 6	23°19	28°21	18°58	19°26	15°34	16°59	21°40	17°47	F 20
S 21	23 57 21	27°30'24	1♏31	10°42	14°48	29°45	22° 6	23°16	28°21	19° 0	19°25	15°31	16°56	21°46	17°44	S 21
S 22	0 1 17	28°29'00	14°35	11°12	16° 3	0♎24	22° 7	23°11	28°22	19° 2	19°25	15°D30	16°52	21°53	17°41	S 22
M23	0 5 14	29°27'38	27°16	11°52	17°17	1° 3	22° 7	23° 7	28°23	19° 4	19°24	15°30	16°49	22° 0	17°38	M23
T 24	0 9 10	0♎26'18	9♐38	12°39	18°31	1°41	22° 8	23° 3	28°23	19° 7	19°24	15°32	16°46	22° 6	17°36	T 24
W25	0 13 7	1°24'59	21°45	13°35	19°45	2°20	22° 9	22°59	28°24	19° 9	19°23	15°33	16°43	22°13	17°33	W25
T 26	0 17 3	2°23'43	3♑42	14°38	20°59	2°59	22°11	22°55	28°24	19°11	19°22	15°R33	16°40	22°20	17°30	T 26
F 27	0 21 0	3°22'28	15°34	15°48	22°14	3°38	22°12	22°50	28°25	19°13	19°21	15°33	16°37	22°27	17°27	F 27
S 28	0 24 57	4°21'14	27°27	17° 4	23°28	4°17	22°14	22°46	28°25	19°15	19°21	15°30	16°33	22°33	17°25	S 28
S 29	0 28 53	5°20'02	9♒24	18°25	24°42	4°55	22°16	22°42	28°25	19°17	19°20	15°25	16°30	22°40	17°22	S 29
M30	0 32 50	6♎18'52	21♒29	19♍51	25♎56	5♎34	22♑18	22♈37	28♊26	19♎20	19♉19	15♉20	16♉27	22♑47	17♓20	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n32	24s35	4s50	1s 8	4s30	5n12	1n23	6n 4	0n59	22s 1	0s30	6n57	2s41	23n33	0n 8	5s44	1n34	2n39	15s31	17n 1	17n11	26s29	0n 6	4n58
M 2	8 10	21 39	5 1	0 54	4 31	4 42	1 22	5 49	0 59	22 2	0 30	6 55	2 41	23 33	0 8	5 45	1 34	2 38	15 31	16 58	17 10	26 28	0 5	4 58
T 3	7 49	17 44	4 59	0 36	4 29	4 12	1 21	5 33	0 58	22 2	0 30	6 54	2 41	23 33	0 8	5 45	1 34	2 38	15 32	16 55	17 9	26 28	0 3	4 58
W 4	7 27	13 2	4 42	0 15	4 26	3 42	1 20	5 18	0 58	22 3	0 30	6 53	2 42	23 33	0 8	5 46	1 34	2 38	15 32	16 52	17 8	26 27	0 2	4 58
T 5	7 5	7 45	4 12	0n 9	4 21	3 12	1 19	5 3	0 58	22 3	0 30	6 52	2 42	23 33	0 8	5 47	1 34	2 37	15 32	16 48	17 7	26 27	0 1	4 58
F 6	6 42	2 3	3 30	0 37	4 14	2 41	1 18	4 48	0 57	22 4	0 30	6 51	2 42	23 33	0 8	5 48	1 34	2 37	15 32	16 46	17 6	26 26	0 0	4 58
S 7	6 20	3n48	2 35	1 7	4 5	2 11	1 17	4 32	0 57	22 4	0 30	6 49	2 42	23 33	0 8	5 48	1 34	2 37	15 33	16 44	17 6	26 25	0s 1	4 58
S 8	5 58	9 36	1 32	1 40	3 55	1 40	1 16	4 17	0 57	22 5	0 30	6 48	2 42	23 33	0 8	5 49	1 34	2 36	15 33	16 43	17 5	26 25	0 2	4 58
M 9	5 35	15 5	0 23	2 14	3 42	1 10	1 15	4 1	0 56	22 5	0 30	6 47	2 43	23 33	0 8	5 50	1 34	2 36	15 33	16 43	17 4	26 24	0 3	4 58
T 10	5 13	19 55	0n49	2 49	3 28	0 39	1 14	3 46	0 56	22 5	0 30	6 45	2 43	23 33	0 9	5 51	1 34	2 35	15 34	16 43	17 3	26 23	0 4	4 58
W11	4 50	23 47	1 59	3 25	3 12	0 9	1 13	3 30	0 56	22 6	0 30	6 44	2 43	23 33	0 9	5 51	1 34	2 35	15 34	16 43	17 2	26 23	0 6	4 58
T 12	4 27	26 18	3 4	4 0	2 55	0s22	1 11	3 15	0 55	22 6	0 30	6 43	2 43	23 33	0 9	5 52	1 34	2 35	15 34	16 43	17 1	26 22	0 7	4 58
F 13	4 4	27 11	3 58	4 35	2 37	0 53	1 10	2 59	0 55	22 6	0 30	6 41	2 43	23 33	0 9	5 53	1 34	2 34	15 34	16 43	17 0	26 21	0 8	4 58
S 14	3 41	26 15	4 38	5 7	2 18	1 24	1 8	2 44	0 55	22 6	0 30	6 40	2 44	23 33	0 9	5 54	1 34	2 34	15 35	16 42	16 59	26 21	0 9	4 57
S 15	3 18	23 33	5 1	5 38	1 58	1 54	1 7	2 28	0 54	22 7	0 30	6 38	2 44	23 33	0 9	5 54	1 34	2 34	15 35	16 40	16 58	26 20	0 10	4 57
M16	2 55	19 19	5 5	6 6	1 39	2 25	1 5	2 12	0 54	22 7	0 30	6 37	2 44	23 34	0 9	5 55	1 34	2 33	15 35	16 38	16 57	26 19	0 11	4 57
T 17	2 32	13 56	4 48	6 30	1 19	2 56	1 4	1 57	0 54	22 7	0 30	6 35	2 44	23 34	0 9	5 56	1 34	2 33	15 35	16 35	16 57	26 19	0 13	4 57
W18	2 9	7 50	4 13	6 51	1 0	3 26	1 2	1 41	0 53	22 7	0 30	6 34	2 44	23 34	0 9	5 57	1 34	2 32	15 36	16 33	16 56	26 18	0 14	4 57
T 19	1 46	1 26	3 23	7 7	0 41	3 57	1 0	1 25	0 53	22 7	0 30	6 32	2 44	23 34	0 9	5 58	1 34	2 32	15 36	16 31	16 55	26 17	0 15	4 57
F 20	1 23	4s53	2 22	7 20	0 23	4 27	0 59	1 10	0 53	22 7	0 30	6 30	2 45	23 34	0 9	5 58	1 34	2 32	15 36	16 30	16 54	26 17	0 16	4 57
S 21	0 59	10 50	1 15	7 28	0 5	4 58	0 57	0 54	0 52	22 7	0 30	6 29	2 45	23 34	0 9	5 59	1 34	2 31	15 36	16 29	16 53	26 16	0 17	4 57
S 22	0 36	16 8	0 5	7 32	0n11	5 28	0 55	0 38	0 52	22 7	0 31	6 27	2 45	23 34	0 9	6 0	1 34	2 31	15 37	16 28	16 52	26 15	0 19	4 57
M23	0 13	20 34	1s 3	7 31	0 26	5 58	0 53	0 23	0 52	22 7	0 31	6 26	2 45	23 34	0 9	6 1	1 34	2 31	15 37	16 28	16 51	26 14	0 20	4 57
T 24	0s10	23 58	2 7	7 26	0 40	6 28	0 51	0 7	0 51	22 7	0 31	6 24	2 45	23 34	0 9	6 2	1 34	2 30	15 37	16 29	16 50	26 14	0 21	4 56
W25	0 34	26 13	3 3	7 16	0 53	6 58	0 49	0s 9	0 51	22 6	0 31	6 22	2 45	23 34	0 9	6 3	1 34	2 30	15 37	16 29	16 49	26 13	0 22	4 56
T 26	0 57	27 13	3 51	7 2	1 4	7 28	0 47	0 25	0 51	22 6	0 31	6 21	2 45	23 34	0 9	6 3	1 34	2 29	15 37	16 29	16 48	26 12	0 23	4 56
F 27	1 20	26 58	4 29	6 45	1 15	7 58	0 45	0 40	0 50	22 6	0 31	6 19	2 45	23 34	0 9	6 4	1 34	2 29	15 38	16 29	16 48	26 11	0 24	4 56
S 28	1 44	25 28	4 55	6 23	1 24	8 27	0 42	0 56	0 50	22 6	0 31	6 17	2 46	23 34	0 9	6 5	1 34	2 29	15 38	16 28	16 47	26 11	0 26	4 56
S 29	2 7	22 50	5 8	5 59	1 31	8 56	0 40	1 12	0 49	22 6	0 31	6 16	2 46	23 34	0 9	6 6	1 34	2 28	15 38	16 27	16 46	26 10	0 27	4 56
M30	2s30	19s11	5s 8	5n31	1n38	9s25	0n38	1s28	0n49	22s 5	0s31	6n14	2s46	23n34	0n 9	6s 7	1n34	2n28	15s38	16n25	16n45	26s 9	0s28	4n56

Julian Day Number = 2493790.5, Delta T = 100.93 sec
Ecliptic obliquity = 23°25'34, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'23, Lahiri = 25°28'23

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ASTRODIENST EPHEMERIS for the year 2115
geocentric

OCTOBER 2115 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 36 46	7♎17'44	3♓45	21♍22	27♎10	6♎13	22♑20	22°R33	28♊26	19♎22	19°R18	15°R13	16♉24	22♑53	17°R17	T 1
W 2	0 40 43	8°16'38	16°16	22°56	28°24	6°52	22°23	22♈28	28°26	19°24	19♉18	15♉ 6	16°21	23° 0	17♓14	W 2
T 3	0 44 39	9°15'33	29° 0	24°33	29°39	7°31	22°25	22°24	28°26	19°26	19°17	15° 0	16°17	23° 7	17°12	T 3
F 4	0 48 36	10°14'31	12♈ 0	26°12	0♏53	8°10	22°28	22°19	28°26	19°28	19°16	14°55	16°14	23°14	17° 9	F 4
S 5	0 52 32	11°13'30	25°13	27°53	2° 7	8°49	22°31	22°15	28°R26	19°31	19°15	14°52	16°11	23°20	17° 7	S 5
S 6	0 56 29	12°12'32	8♉39	29°36	3°21	9°28	22°34	22°10	28°26	19°33	19°14	14°D51	16° 8	23°27	17° 4	S 6
M 7	1 0 26	13°11'36	22°16	1♎21	4°35	10° 7	22°38	22° 5	28°26	19°35	19°13	14°51	16° 5	23°34	17° 2	M 7
T 8	1 4 22	14°10'42	6♊ 4	3° 6	5°49	10°46	22°41	22° 1	28°26	19°37	19°12	14°52	16° 2	23°40	16°59	T 8
W 9	1 8 19	15° 9'50	20° 0	4°51	7° 3	11°25	22°45	21°56	28°26	19°39	19°12	14°53	15°58	23°47	16°57	W 9
T 10	1 12 15	16° 9'01	4♋ 3	6°37	8°17	12° 5	22°49	21°51	28°25	19°42	19°11	14°55	15°55	23°54	16°54	T 10
F 11	1 16 12	17° 8'14	18°12	8°24	9°31	12°44	22°53	21°47	28°25	19°44	19°10	14°R55	15°52	24° 1	16°52	F 11
S 12	1 20 8	18° 7'30	2♌25	10°10	10°46	13°23	22°57	21°42	28°25	19°46	19° 9	14°54	15°49	24° 7	16°50	S 12
S 13	1 24 5	19° 6'48	16°40	11°56	12° 0	14° 2	23° 2	21°37	28°24	19°48	19° 8	14°52	15°46	24°14	16°48	S 13
M14	1 28 1	20° 6'08	0♍53	13°42	13°14	14°42	23° 6	21°32	28°24	19°51	19° 7	14°49	15°43	24°21	16°45	M14
T 15	1 31 58	21° 5'30	15° 2	15°27	14°28	15°21	23°11	21°28	28°23	19°53	19° 6	14°46	15°39	24°27	16°43	T 15
W16	1 35 55	22° 4'55	29° 2	17°12	15°42	16° 0	23°16	21°23	28°23	19°55	19° 5	14°43	15°36	24°34	16°41	W16
T 17	1 39 51	23° 4'21	12♎50	18°57	16°56	16°40	23°21	21°18	28°22	19°57	19° 4	14°40	15°33	24°41	16°39	T 17
F 18	1 43 48	24° 3'50	26°21	20°40	18°10	17°19	23°27	21°13	28°22	20° 0	19° 3	14°38	15°30	24°48	16°37	F 18
S 19	1 47 44	25° 3'21	9♏35	22°24	19°24	17°58	23°32	21° 8	28°21	20° 2	19° 2	14°D37	15°27	24°54	16°35	S 19
S 20	1 51 41	26° 2'53	22°30	24° 7	20°38	18°38	23°38	21° 4	28°20	20° 4	19° 1	14°37	15°23	25° 1	16°33	S 20
M21	1 55 37	27° 2'28	5♐ 7	25°49	21°52	19°17	23°44	20°59	28°19	20° 6	19° 0	14°38	15°20	25° 8	16°31	M21
T 22	1 59 34	28° 2'05	17°28	27°30	23° 6	19°57	23°49	20°54	28°18	20° 9	18°59	14°39	15°17	25°14	16°29	T 22
W23	2 3 30	29° 1'43	29°35	29°11	24°20	20°36	23°56	20°50	28°17	20°11	18°58	14°41	15°14	25°21	16°27	W23
T 24	2 7 27	0♏ 1'23	11♑33	0♏52	25°34	21°16	24° 2	20°45	28°16	20°13	18°57	14°42	15°11	25°28	16°25	T 24
F 25	2 11 24	1° 1'05	23°26	2°31	26°49	21°55	24° 8	20°40	28°15	20°15	18°56	14°43	15° 8	25°35	16°23	F 25
S 26	2 15 20	2° 0'49	5♒19	4°11	28° 3	22°35	24°15	20°36	28°14	20°17	18°55	14°R43	15° 4	25°41	16°21	S 26
S 27	2 19 17	3° 0'34	17°15	5°49	29°17	23°15	24°22	20°31	28°13	20°20	18°54	14°42	15° 1	25°48	16°20	S 27
M28	2 23 13	4° 0'21	29°21	7°27	0♐31	23°54	24°29	20°27	28°12	20°22	18°53	14°41	14°58	25°55	16°18	M28
T 29	2 27 10	5° 0'10	11♓40	9° 4	1°44	24°34	24°36	20°22	28°11	20°24	18°51	14°40	14°55	26° 1	16°16	T 29
W30	2 31 6	6° 0'00	24°15	10°41	2°58	25°14	24°43	20°18	28°10	20°26	18°50	14°39	14°52	26° 8	16°15	W30
T 31	2 35 3	6♏59'52	7♈10	12♏18	4♐12	25♎53	24♑51	20♈13	28♊ 8	20♎28	18♉49	14♉38	14♉48	26♑15	16♓13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s54	14s41	4s54	5n 0	1n43	9s54	0n36	1s43	0n49	22s 5	0s31	6n12	2s46	23n34	0n 9	6s 8	1n34	2n27	15s38	16n23	16n44	26s 8	0s29	4n55
W 2	3 17	9 30	4 26	4 27	1 47	10 23	0 33	1 59	0 48	22 4	0 31	6 10	2 46	23 34	0 9	6 8	1 34	2 27	15 39	16 21	16 43	26 7	0 30	4 55
T 3	3 40	3 49	3 44	3 52	1 51	10 51	0 31	2 15	0 48	22 4	0 31	6 9	2 46	23 34	0 9	6 9	1 34	2 27	15 39	16 20	16 42	26 7	0 31	4 55
F 4	4 3	2n 8	2 49	3 14	1 53	11 20	0 29	2 31	0 48	22 4	0 31	6 7	2 46	23 34	0 9	6 10	1 34	2 26	15 39	16 18	16 41	26 6	0 33	4 55
S 5	4 26	8 7	1 45	2 35	1 54	11 47	0 26	2 46	0 47	22 3	0 31	6 5	2 46	23 34	0 9	6 11	1 34	2 26	15 39	16 17	16 40	26 5	0 34	4 55
S 6	4 49	13 51	0 34	1 54	1 55	12 15	0 24	3 2	0 47	22 3	0 31	6 3	2 46	23 34	0 9	6 12	1 34	2 26	15 39	16 17	16 39	26 4	0 35	4 54
M 7	5 12	18 59	0n41	1 13	1 54	12 43	0 21	3 18	0 46	22 2	0 31	6 2	2 46	23 34	0 9	6 13	1 34	2 25	15 40	16 17	16 38	26 3	0 36	4 54
T 8	5 35	23 10	1 54	0 30	1 53	13 10	0 19	3 33	0 46	22 2	0 31	6 0	2 46	23 34	0 9	6 13	1 34	2 25	15 40	16 17	16 38	26 2	0 37	4 54
W 9	5 58	26 3	3 1	0s14	1 51	13 36	0 16	3 49	0 46	22 1	0 31	5 58	2 46	23 34	0 9	6 14	1 34	2 24	15 40	16 18	16 37	26 2	0 38	4 54
T 10	6 21	27 19	3 57	0 58	1 49	14 3	0 14	4 5	0 45	22 0	0 31	5 56	2 46	23 34	0 9	6 15	1 34	2 24	15 40	16 18	16 36	26 1	0 39	4 54
F 11	6 44	26 49	4 40	1 42	1 46	14 29	0 11	4 20	0 45	22 0	0 31	5 54	2 46	23 34	0 9	6 16	1 34	2 24	15 40	16 18	16 35	26 0	0 40	4 53
S 12	7 6	24 35	5 6	2 27	1 43	14 55	0 8	4 36	0 44	21 59	0 31	5 53	2 46	23 34	0 9	6 17	1 34	2 23	15 40	16 18	16 34	25 59	0 42	4 53
S 13	7 29	20 48	5 13	3 12	1 39	15 20	0 6	4 51	0 44	21 58	0 31	5 51	2 46	23 34	0 9	6 18	1 34	2 23	15 40	16 17	16 33	25 58	0 43	4 53
M14	7 51	15 51	5 1	3 57	1 34	15 45	0 3	5 7	0 44	21 57	0 31	5 49	2 46	23 34	0 9	6 18	1 34	2 23	15 41	16 17	16 32	25 57	0 44	4 53
T 15	8 14	10 3	4 31	4 42	1 30	16 10	0 0	5 23	0 43	21 57	0 31	5 47	2 46	23 34	0 9	6 19	1 34	2 22	15 41	16 16	16 31	25 56	0 45	4 53
W16	8 36	3 49	3 45	5 27	1 25	16 34	0s 2	5 38	0 43	21 56	0 31	5 46	2 46	23 34	0 9	6 20	1 34	2 22	15 41	16 15	16 30	25 55	0 46	4 52
T 17	8 58	2s31	2 46	6 11	1 20	16 58	0 5	5 54	0 42	21 55	0 31	5 44	2 46	23 34	0 9	6 21	1 34	2 21	15 41	16 14	16 29	25 54	0 47	4 52
F 18	9 20	8 38	1 39	6 55	1 14	17 21	0 8	6 9	0 42	21 54	0 31	5 42	2 46	23 34	0 9	6 22	1 34	2 21	15 41	16 13	16 28	25 53	0 48	4 52
S 19	9 42	14 14	0 28	7 39	1 8	17 44	0 11	6 24	0 41	21 53	0 31	5 40	2 46	23 34	0 9	6 23	1 34	2 21	15 41	16 13	16 27	25 53	0 49	4 52
S 20	10 3	19 5	0s43	8 23	1 2	18 7	0 13	6 40	0 41	21 52	0 31	5 39	2 46	23 34	0 9	6 23	1 34	2 20	15 41	16 13	16 26	25 52	0 50	4 51
M21	10 25	22 57	1 51	9 6	0 56	18 29	0 16	6 55	0 41	21 51	0 31	5 37	2 46	23 34	0 9	6 24	1 34	2 20	15 41	16 13	16 26	25 51	0 51	4 51
T 22	10 46	25 41	2 52	9 48	0 50	18 51	0 19	7 10	0 40	21 50	0 31	5 35	2 46	23 34	0 9	6 25	1 34	2 20	15 42	16 14	16 25	25 50	0 52	4 51
W23	11 7	27 9	3 44	10 30	0 44	19 12	0 22	7 26	0 40	21 49	0 31	5 33	2 46	23 34	0 9	6 26	1 34	2 19	15 42	16 14	16 24	25 49	0 53	4 51
T 24	11 28	27 19	4 25	11 11	0 37	19 32	0 24	7 41	0 39	21 48	0 31	5 32	2 46	23 34	0 9	6 27	1 34	2 19	15 42	16 14	16 23	25 48	0 54	4 50
F 25	11 49	26 14	4 55	11 52	0 31	19 52	0 27	7 56	0 39	21 47	0 31	5 30	2 46	23 34	0 9	6 27	1 34	2 19	15 42	16 15	16 22	25 47	0 55	4 50
S 26	12 10	23 58	5 12	12 32	0 24	20 12	0 30	8 11	0 38	21 46	0 31	5 28	2 46	23 34	0 9	6 28	1 34	2 18	15 42	16 15	16 21	25 46	0 56	4 50
S 27	12 31	20 40	5 16	13 11	0 17	20 31	0 33	8 26	0 38	21 45	0 31	5 27	2 46	23 34	0 9	6 29	1 34	2 18	15 42	16 14	16 20	25 45	0 57	4 50
M28	12 51	16 28	5 6	13 50	0 10	20 49	0 35	8 41	0 38	21 43	0 31	5 25	2 46	23 34	0 9	6 30	1 34	2 18	15 42	16 14	16 19	25 44	0 57	4 49
T 29	13 11	11 32	4 42	14 27	0 4	21 7	0 38	8 56	0 37	21 42	0 31	5 23	2 46	23 34	0 9	6 31	1 34	2 17	15 42	16 14	16 18	25 43	0 58	4 49
W30	13 31	6 1	4 4	15 4	0s 3	21 24	0 41	9 11	0 37	21 41	0 31	5 22	2 46	23 34	0 9	6 32	1 34	2 17	15 42	16 13	16 17	25 42	0 59	4 49
T 31	13s51	0s 7	3s13	15s40	0s10	21s41	0s43	9s26	0n36	21s39	0s31	5n20	2s46	23n34	0n 9	6s32	1n34	2n17	15s42	16n13	16n16	25s41	1s 0	4n48

Julian Day Number = 2493820.5, Delta T = 100.98 sec
Ecliptic obliquity = 23°25'34, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'27, Lahiri = 25°28'28

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ASTRODIENST EPHEMERIS for the year 2115
geocentric

NOVEMBER 2115 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 38 59	7♏59'46	20♈23	13♏53	5♐26	26♎33	24♑58	20°R 9	28°R 7	20♎30	18°R48	14°R37	14♉45	26♑22	16°R12	F 1
S 2	2 42 56	8°59'42	3♉57	15°29	6°40	27°13	25° 6	20♈ 4	28♊ 6	20°33	18♉47	14♉37	14°42	26°28	16♓10	S 2
S 3	2 46 52	9°59'39	17°48	17° 4	7°54	27°53	25°14	20° 0	28° 4	20°35	18°46	14°D36	14°39	26°35	16° 9	S 3
M 4	2 50 49	10°59'39	1♊53	18°38	9° 8	28°33	25°22	19°56	28° 3	20°37	18°45	14°37	14°36	26°42	16° 8	M 4
T 5	2 54 46	11°59'41	16° 9	20°12	10°22	29°13	25°30	19°51	28° 1	20°39	18°44	14°37	14°33	26°48	16° 7	T 5
W 6	2 58 42	12°59'44	0♋30	21°46	11°36	29°53	25°38	19°47	28° 0	20°41	18°43	14°37	14°29	26°55	16° 5	W 6
T 7	3 2 39	13°59'50	14°53	23°19	12°50	0♏33	25°46	19°43	27°58	20°43	18°42	14°37	14°26	27° 2	16° 4	T 7
F 8	3 6 35	14°59'58	29°13	24°51	14° 4	1°13	25°55	19°39	27°56	20°45	18°40	14°R37	14°23	27° 9	16° 3	F 8
S 9	3 10 32	16° 0'08	13♌28	26°24	15°17	1°53	26° 4	19°35	27°55	20°47	18°39	14°D37	14°20	27°15	16° 2	S 9
S 10	3 14 28	17° 0'20	27°33	27°56	16°31	2°33	26°12	19°31	27°53	20°49	18°38	14°37	14°17	27°22	16° 1	S 10
M11	3 18 25	18° 0'34	11♍29	29°27	17°45	3°13	26°21	19°27	27°51	20°51	18°37	14°37	14°14	27°29	16° 0	M11
T 12	3 22 22	19° 0'50	25°14	0♐59	18°59	3°53	26°30	19°23	27°49	20°53	18°36	14°38	14°10	27°35	15°59	T 12
W13	3 26 18	20° 1'08	8♎46	2°29	20°13	4°33	26°40	19°20	27°48	20°56	18°35	14°38	14° 7	27°42	15°58	W13
T 14	3 30 15	21° 1'28	22° 6	4° 0	21°27	5°13	26°49	19°16	27°46	20°58	18°34	14°39	14° 4	27°49	15°57	T 14
F 15	3 34 11	22° 1'50	5♏13	5°30	22°40	5°54	26°58	19°12	27°44	20°59	18°33	14°39	14° 1	27°56	15°57	F 15
S 16	3 38 8	23° 2'14	18° 6	7° 0	23°54	6°34	27° 8	19° 9	27°42	21° 1	18°31	14°R39	13°58	28° 2	15°56	S 16
S 17	3 42 4	24° 2'39	0♐46	8°29	25° 8	7°14	27°18	19° 5	27°40	21° 3	18°30	14°39	13°54	28° 9	15°55	S 17
M18	3 46 1	25° 3'06	13°12	9°58	26°22	7°54	27°27	19° 2	27°38	21° 5	18°29	14°38	13°51	28°16	15°55	M18
T 19	3 49 57	26° 3'35	25°27	11°27	27°35	8°35	27°37	18°59	27°36	21° 7	18°28	14°37	13°48	28°22	15°54	T 19
W20	3 53 54	27° 4'05	7♑32	12°55	28°49	9°15	27°47	18°55	27°34	21° 9	18°27	14°35	13°45	28°29	15°54	W20
T 21	3 57 51	28° 4'36	19°29	14°23	0♑ 3	9°56	27°58	18°52	27°32	21°11	18°26	14°33	13°42	28°36	15°54	T 21
F 22	4 1 47	29° 5'09	1♒21	15°50	1°16	10°36	28° 8	18°49	27°29	21°13	18°25	14°31	13°39	28°43	15°53	F 22
S 23	4 5 44	0♐ 5'43	13°13	17°16	2°30	11°17	28°18	18°46	27°27	21°15	18°24	14°29	13°35	28°49	15°53	S 23
S 24	4 9 40	1° 6'18	25° 8	18°42	3°44	11°57	28°29	18°43	27°25	21°17	18°23	14°28	13°32	28°56	15°53	S 24
M25	4 13 37	2° 6'55	7♓11	20° 7	4°57	12°38	28°39	18°41	27°23	21°18	18°21	14°D28	13°29	29° 3	15°53	M25
T 26	4 17 33	3° 7'32	19°26	21°32	6°11	13°18	28°50	18°38	27°21	21°20	18°20	14°29	13°26	29°10	15°53	T 26
W27	4 21 30	4° 8'11	1♈59	22°55	7°24	13°59	29° 1	18°35	27°18	21°22	18°19	14°31	13°23	29°16	15°D52	W27
T 28	4 25 26	5° 8'51	14°54	24°18	8°38	14°40	29°12	18°33	27°16	21°24	18°18	14°32	13°20	29°23	15°52	T 28
F 29	4 29 23	6° 9'31	28°12	25°39	9°52	15°20	29°23	18°30	27°14	21°25	18°17	14°33	13°16	29°30	15°53	F 29
S 30	4 33 20	7♐10'14	11♉55	26♐59	11♑ 5	16♏ 1	29♑34	18♈28	27♊11	21♎27	18♉16	14°R34	13♉13	29♑36	15♓53	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	14s10	5n57	2s10	16s16	0s17	21s57	0s46	9s41	0n36	21s38	0s31	5n19	2s46	23n34	0n 9	6s33	1n34	2n16	15s42	16n13	16n15	25s40	1s 1	4n48	
S 2	14 29	11 54	0 59	16 50	0 23	22 13	0 49	9 56	0 35	21 37	0 31	5 17	2 46	23 34	0 9	6 34	1 34	2 16	15 42	16 13	16 14	25 39	1 2	4 48	
S 3	14 48	17 25	0n18	17 24	0 30	22 28	0 51	10 10	0 35	21 35	0 31	5 16	2 45	23 34	0 9	6 35	1 34	2 16	15 42	16 13	16 13	25 38	1 2	4 48	
M 4	15 7	22 4	1 34	17 57	0 37	22 42	0 54	10 25	0 34	21 34	0 31	5 14	2 45	23 34	0 9	6 35	1 34	2 15	15 42	16 13	16 13	25 37	1 3	4 47	
T 5	15 26	25 28	2 46	18 29	0 43	22 56	0 57	10 40	0 34	21 32	0 31	5 13	2 45	23 34	0 9	6 36	1 34	2 15	15 42	16 13	16 12	25 35	1 4	4 47	
W 6	15 44	27 13	3 48	19 0	0 50	23 8	0 59	10 54	0 33	21 31	0 31	5 11	2 45	23 34	0 9	6 37	1 34	2 15	15 42	16 13	16 11	25 34	1 5	4 47	
T 7	16 2	27 9	4 35	19 30	0 56	23 21	1 2	11 8	0 33	21 29	0 31	5 10	2 45	23 34	0 9	6 38	1 34	2 14	15 42	16 13	16 10	25 33	1 5	4 46	
F 8	16 20	25 17	5 6	19 59	1 2	23 32	1 4	11 23	0 32	21 28	0 31	5 8	2 45	23 34	0 10	6 39	1 34	2 14	15 42	16 13	16 9	25 32	1 6	4 46	
S 9	16 37	21 50	5 17	20 27	1 8	23 43	1 7	11 37	0 32	21 26	0 31	5 7	2 45	23 34	0 10	6 39	1 34	2 14	15 42	16 13	16 8	25 31	1 7	4 46	
S 10	16 54	17 9	5 9	20 54	1 15	23 54	1 9	11 51	0 32	21 25	0 31	5 6	2 44	23 34	0 10	6 40	1 34	2 14	15 42	16 13	16 7	25 30	1 8	4 45	
M11	17 11	11 37	4 43	21 20	1 20	24 3	1 12	12 6	0 31	21 23	0 31	5 4	2 44	23 34	0 10	6 41	1 34	2 13	15 42	16 13	16 6	25 29	1 8	4 45	
T 12	17 28	5 35	4 1	21 45	1 26	24 12	1 14	12 20	0 31	21 21	0 31	5 3	2 44	23 34	0 10	6 41	1 34	2 13	15 42	16 13	16 5	25 28	1 9	4 45	
W13	17 44	0s37	3 6	22 9	1 32	24 20	1 17	12 34	0 30	21 19	0 31	5 2	2 44	23 34	0 10	6 42	1 34	2 13	15 42	16 13	16 4	25 27	1 9	4 44	
T 14	18 0	6 43	2 2	22 32	1 37	24 28	1 19	12 47	0 30	21 18	0 31	5 1	2 44	23 34	0 10	6 43	1 34	2 13	15 42	16 13	16 3	25 26	1 10	4 44	
F 15	18 16	12 26	0 52	22 53	1 43	24 35	1 21	13 1	0 29	21 16	0 31	4 59	2 44	23 34	0 10	6 44	1 35	2 12	15 42	16 14	16 2	25 24	1 11	4 44	
S 16	18 31	17 31	0s19	23 14	1 48	24 41	1 23	13 15	0 29	21 14	0 31	4 58	2 43	23 34	0 10	6 44	1 35	2 12	15 42	16 14	16 1	25 23	1 11	4 44	
S 17	18 46	21 44	1 28	23 33	1 52	24 46	1 26	13 29	0 28	21 12	0 31	4 57	2 43	23 34	0 10	6 45	1 35	2 12	15 42	16 13	16 0	25 22	1 12	4 43	
M18	19 1	24 53	2 32	23 52	1 57	24 50	1 28	13 42	0 28	21 10	0 31	4 56	2 43	23 34	0 10	6 46	1 35	2 12	15 42	16 13	15 59	25 21	1 12	4 43	
T 19	19 16	26 48	3 27	24 9	2 1	24 54	1 30	13 56	0 27	21 8	0 31	4 55	2 43	23 34	0 10	6 46	1 35	2 11	15 42	16 13	15 58	25 20	1 13	4 43	
W20	19 30	27 25	4 12	24 25	2 6	24 57	1 32	14 9	0 27	21 6	0 31	4 54	2 43	23 34	0 10	6 47	1 35	2 11	15 42	16 12	15 57	25 19	1 13	4 42	
T 21	19 43	26 44	4 46	24 39	2 9	25 0	1 34	14 22	0 26	21 4	0 31	4 53	2 43	23 34	0 10	6 48	1 35	2 11	15 42	16 12	15 56	25 17	1 14	4 42	
F 22	19 57	24 50	5 7	24 53	2 13	25 1	1 36	14 35	0 26	21 2	0 31	4 52	2 42	23 34	0 10	6 48	1 35	2 11	15 42	16 11	15 56	25 16	1 14	4 42	
S 23	20 10	21 53	5 16	25 5	2 16	25 2	1 38	14 49	0 25	21 0	0 31	4 51	2 42	23 34	0 10	6 49	1 35	2 11	15 42	16 11	15 55	25 15	1 14	4 41	
S 24	20 22	18 0	5 10	25 15	2 19	25 2	1 40	15 1	0 24	20 58	0 31	4 50	2 42	23 34	0 10	6 50	1 35	2 10	15 42	16 10	15 54	25 14	1 15	4 41	
M25	20 34	13 22	4 51	25 25	2 22	25 1	1 41	15 14	0 24	20 56	0 32	4 49	2 42	23 34	0 10	6 50	1 35	2 10	15 41	16 10	15 53	25 13	1 15	4 41	
T 26	20 46	8 9	4 19	25 33	2 24	25 0	1 43	15 27	0 23	20 54	0 32	4 48	2 41	23 34	0 10	6 51	1 35	2 10	15 41	16 11	15 52	25 11	1 16	4 40	
W27	20 58	2 28	3 34	25 39	2 25	24 58	1 45	15 40	0 23	20 52	0 32	4 48	2 41	23 34	0 10	6 52	1 35	2 10	15 41	16 11	15 51	25 10	1 16	4 40	
T 28	21 9	3n28	2 36	25 45	2 27	24 55	1 46	15 52	0 22	20 49	0 32	4 47	2 41	23 34	0 10	6 52	1 35	2 10	15 41	16 11	15 50	25 9	1 16	4 40	
F 29	21 19	9 27	1 29	25 49	2 27	24 51	1 48	16 5	0 22	20 47	0 32	4 46	2 41	23 34	0 10	6 53	1 35	2 10	15 41	16 12	15 49	25 8	1 16	4 39	
S 30	21s30	15n10	0s15	25s51	2s28	24s47	1s49	16s17	0n21	20s45	0s32	4n46	2s41	23n34	0n10	6s53	1n35	2n 9	15s41	16n12	15n48	25s 7	1s17	4n39	

Julian Day Number = 2493851.5, Delta T = 101.02 sec
Ecliptic obliquity = 23°25'34, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'31, Lahiri = 25°28'32

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ASTRODIENST EPHEMERIS for the year 2115
geocentric

DECEMBER 2115 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 37 16	8♐10'57	26♉ 3	28♐18	12♑18	16♏42	29♑45	18°R26	27°R 9	21♎29	18°R15	14°R34	13♉10	29♑43	15♓53	S 1
M 2	4 41 13	9°11'41	10♊32	29°35	13°32	17°22	29°56	18♈24	27♊ 7	21°30	18♉14	14♉32	13° 7	29°50	15°53	M 2
T 3	4 45 9	10°12'27	25°15	0♑50	14°45	18° 3	0♒ 8	18°22	27° 4	21°32	18°13	14°29	13° 4	29°57	15°53	T 3
W 4	4 49 6	11°13'15	10♋ 7	2° 2	15°59	18°44	0°19	18°20	27° 2	21°34	18°12	14°26	13° 0	0♒ 3	15°54	W 4
T 5	4 53 2	12°14'03	24°57	3°12	17°12	19°25	0°31	18°18	26°59	21°35	18°11	14°22	12°57	0°10	15°54	T 5
F 6	4 56 59	13°14'53	9♌40	4°19	18°25	20° 6	0°42	18°16	26°57	21°37	18°10	14°18	12°54	0°17	15°55	F 6
S 7	5 0 55	14°15'44	24° 8	5°23	19°38	20°47	0°54	18°15	26°54	21°38	18° 9	14°15	12°51	0°23	15°55	S 7
S 8	5 4 52	15°16'37	8♍19	6°22	20°52	21°28	1° 6	18°13	26°52	21°40	18° 8	14°14	12°48	0°30	15°56	S 8
M 9	5 8 49	16°17'31	22°10	7°17	22° 5	22° 9	1°18	18°12	26°49	21°41	18° 7	14°D14	12°45	0°37	15°57	M 9
T 10	5 12 45	17°18'26	5♎42	8° 7	23°18	22°50	1°30	18°10	26°47	21°43	18° 6	14°15	12°41	0°44	15°57	T 10
W11	5 16 42	18°19'22	18°55	8°51	24°31	23°31	1°42	18° 9	26°44	21°44	18° 5	14°16	12°38	0°50	15°58	W11
T 12	5 20 38	19°20'20	1♏54	9°28	25°44	24°12	1°54	18° 8	26°42	21°46	18° 4	14°18	12°35	0°57	15°59	T 12
F 13	5 24 35	20°21'19	14°38	9°58	26°57	24°53	2° 6	18° 7	26°39	21°47	18° 3	14°R18	12°32	1° 4	16° 0	F 13
S 14	5 28 31	21°22'19	27°10	10°19	28°10	25°34	2°19	18° 6	26°37	21°48	18° 2	14°17	12°29	1°11	16° 1	S 14
S 15	5 32 28	22°23'20	9♐33	10°32	29°23	26°16	2°31	18° 5	26°34	21°50	18° 1	14°15	12°26	1°17	16° 2	S 15
M16	5 36 24	23°24'22	21°47	10°R34	0♒36	26°57	2°44	18° 5	26°32	21°51	18° 0	14°10	12°22	1°24	16° 3	M16
T 17	5 40 21	24°25'24	3♑53	10°25	1°49	27°38	2°56	18° 4	26°29	21°52	18° 0	14° 3	12°19	1°31	16° 4	T 17
W18	5 44 18	25°26'28	15°52	10° 5	3° 2	28°20	3° 9	18° 4	26°26	21°53	17°59	13°55	12°16	1°37	16° 5	W18
T 19	5 48 14	26°27'32	27°47	9°34	4°15	29° 1	3°22	18° 3	26°24	21°55	17°58	13°46	12°13	1°44	16° 6	T 19
F 20	5 52 11	27°28'36	9♒38	8°51	5°27	29°42	3°34	18° 3	26°21	21°56	17°57	13°38	12°10	1°51	16° 8	F 20
S 21	5 56 7	28°29'41	21°29	7°57	6°40	0♐24	3°47	18°D 3	26°19	21°57	17°56	13°31	12° 6	1°58	16° 9	S 21
S 22	6 0 4	29°30'47	3♓22	6°53	7°53	1° 5	4° 0	18° 3	26°16	21°58	17°55	13°25	12° 3	2° 4	16°10	S 22
M23	6 4 0	0♑31'52	15°22	5°41	9° 5	1°47	4°13	18° 3	26°14	21°59	17°55	13°22	12° 0	2°11	16°12	M23
T 24	6 7 57	1°32'58	27°33	4°23	10°18	2°28	4°26	18° 3	26°11	22° 0	17°54	13°D20	11°57	2°18	16°13	T 24
W25	6 11 54	2°34'04	10♈ 0	3° 1	11°30	3°10	4°39	18° 4	26° 9	22° 1	17°53	13°20	11°54	2°24	16°15	W25
T 26	6 15 50	3°35'10	22°47	1°38	12°43	3°51	4°52	18° 4	26° 6	22° 2	17°52	13°21	11°51	2°31	16°16	T 26
F 27	6 19 47	4°36'17	6♉ 0	0°17	13°55	4°33	5° 5	18° 5	26° 3	22° 3	17°52	13°23	11°47	2°38	16°18	F 27
S 28	6 23 43	5°37'24	19°40	29♐ 1	15° 7	5°15	5°19	18° 5	26° 1	22° 4	17°51	13°R23	11°44	2°45	16°20	S 28
S 29	6 27 40	6°38'30	3♊50	27°52	16°19	5°56	5°32	18° 6	25°58	22° 5	17°50	13°21	11°41	2°51	16°21	S 29
M30	6 31 36	7°39'37	18°26	26°51	17°31	6°38	5°45	18° 7	25°56	22° 6	17°49	13°17	11°38	2°58	16°23	M30
T 31	6 35 33	8♑40'45	3♋25	25♐59	18♒43	7♐20	5♒59	18♈ 8	25♊53	22♎ 7	17♉49	13♉10	11♉35	3♒ 5	16♓25	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s40	20n16	1n 3	25s52	2s27	24s42	1s51	16s29	0n21	20s42	0s32	4n45	2s40	23n34	0n10	6s54	1n35	2n 9	15s41	16n12	15n47	25s 5	1s17	4n39
M 2	21 49	24 17	2 18	25 52	2 27	24 36	1 52	16 41	0 20	20 40	0 32	4 44	2 40	23 34	0 10	6 55	1 35	2 9	15 41	16 11	15 46	25 4	1 17	4 38
T 3	21 58	26 45	3 25	25 50	2 25	24 29	1 53	16 53	0 20	20 38	0 32	4 44	2 40	23 33	0 10	6 55	1 35	2 9	15 40	16 11	15 45	25 3	1 17	4 38
W 4	22 7	27 20	4 19	25 47	2 23	24 22	1 54	17 5	0 19	20 35	0 32	4 43	2 40	23 33	0 10	6 56	1 35	2 9	15 40	16 9	15 44	25 1	1 17	4 38
T 5	22 15	25 58	4 55	25 43	2 20	24 14	1 56	17 17	0 19	20 33	0 32	4 43	2 39	23 33	0 10	6 56	1 35	2 9	15 40	16 8	15 43	25 0	1 18	4 37
F 6	22 23	22 49	5 12	25 37	2 16	24 5	1 57	17 28	0 18	20 30	0 32	4 42	2 39	23 33	0 10	6 57	1 35	2 9	15 40	16 7	15 42	24 59	1 18	4 37
S 7	22 30	18 18	5 8	25 30	2 11	23 56	1 57	17 40	0 17	20 28	0 32	4 42	2 39	23 33	0 10	6 57	1 35	2 9	15 40	16 6	15 41	24 58	1 18	4 37
S 8	22 37	12 52	4 46	25 22	2 6	23 45	1 58	17 51	0 17	20 25	0 32	4 42	2 39	23 33	0 10	6 58	1 35	2 9	15 40	16 6	15 40	24 56	1 18	4 36
M 9	22 43	6 53	4 7	25 13	1 59	23 35	1 59	18 2	0 16	20 23	0 32	4 41	2 38	23 33	0 10	6 58	1 35	2 8	15 39	16 6	15 39	24 55	1 18	4 36
T 10	22 49	0 44	3 15	25 2	1 52	23 23	2 0	18 13	0 16	20 20	0 32	4 41	2 38	23 33	0 10	6 59	1 36	2 8	15 39	16 6	15 38	24 54	1 18	4 36
W11	22 55	5s20	2 14	24 50	1 43	23 11	2 0	18 24	0 15	20 17	0 32	4 41	2 38	23 33	0 10	6 59	1 36	2 8	15 39	16 7	15 37	24 52	1 18	4 35
T 12	23 0	11 4	1 7	24 38	1 33	22 58	2 1	18 35	0 15	20 15	0 32	4 41	2 38	23 33	0 10	7 0	1 36	2 8	15 39	16 7	15 36	24 51	1 18	4 35
F 13	23 5	16 15	0s 2	24 24	1 21	22 44	2 1	18 45	0 14	20 12	0 32	4 41	2 37	23 33	0 10	7 0	1 36	2 8	15 39	16 7	15 35	24 50	1 18	4 35
S 14	23 9	20 39	1 9	24 10	1 9	22 30	2 2	18 56	0 13	20 9	0 32	4 40	2 37	23 33	0 10	7 1	1 36	2 8	15 39	16 7	15 34	24 48	1 18	4 34
S 15	23 12	24 4	2 13	23 55	0 55	22 15	2 2	19 6	0 13	20 6	0 32	4 40	2 37	23 33	0 10	7 1	1 36	2 8	15 38	16 6	15 33	24 47	1 18	4 34
M16	23 16	26 19	3 9	23 40	0 40	22 0	2 2	19 16	0 12	20 4	0 32	4 40	2 37	23 33	0 10	7 2	1 36	2 8	15 38	16 5	15 32	24 46	1 18	4 34
T 17	23 19	27 18	3 56	23 24	0 23	21 44	2 2	19 26	0 12	20 1	0 32	4 40	2 36	23 33	0 10	7 2	1 36	2 8	15 38	16 3	15 32	24 44	1 17	4 33
W18	23 21	26 59	4 32	23 8	0 5	21 27	2 2	19 36	0 11	19 58	0 32	4 41	2 36	23 33	0 10	7 2	1 36	2 8	15 38	16 0	15 31	24 43	1 17	4 33
T 19	23 23	25 26	4 56	22 52	0n13	21 10	2 2	19 45	0 10	19 55	0 32	4 41	2 36	23 33	0 10	7 3	1 36	2 8	15 37	15 58	15 30	24 41	1 17	4 33
F 20	23 24	22 45	5 7	22 35	0 33	20 52	2 2	19 55	0 10	19 52	0 32	4 41	2 35	23 33	0 10	7 3	1 36	2 8	15 37	15 55	15 29	24 40	1 17	4 33
S 21	23 25	19 8	5 5	22 19	0 53	20 33	2 2	20 4	0 9	19 49	0 32	4 41	2 35	23 33	0 10	7 4	1 36	2 8	15 37	15 53	15 28	24 39	1 17	4 32
S 22	23 26	14 46	4 50	22 2	1 13	20 14	2 1	20 14	0 9	19 46	0 32	4 41	2 35	23 32	0 10	7 4	1 36	2 8	15 37	15 52	15 27	24 37	1 16	4 32
M23	23 26	9 47	4 21	21 46	1 32	19 55	2 1	20 23	0 8	19 43	0 32	4 42	2 35	23 32	0 10	7 4	1 36	2 8	15 37	15 50	15 26	24 36	1 16	4 32
T 24	23 25	4 21	3 41	21 30	1 51	19 35	2 0	20 31	0 7	19 40	0 32	4 42	2 34	23 32	0 10	7 5	1 36	2 8	15 36	15 50	15 25	24 34	1 16	4 31
W25	23 24	1n21	2 50	21 15	2 8	19 14	2 0	20 40	0 7	19 37	0 32	4 42	2 34	23 32	0 10	7 5	1 36	2 8	15 36	15 50	15 24	24 33	1 16	4 31
T 26	23 23	7 11	1 48	21 1	2 24	18 53	1 59	20 49	0 6	19 34	0 32	4 43	2 34	23 32	0 10	7 5	1 36	2 8	15 36	15 50	15 23	24 32	1 15	4 31
F 27	23 21	12 53	0 40	20 48	2 37	18 31	1 58	20 57	0 5	19 31	0 33	4 43	2 34	23 32	0 10	7 6	1 36	2 8	15 35	15 51	15 22	24 30	1 15	4 30
S 28	23 18	18 11	0n34	20 37	2 48	18 9	1 57	21 5	0 5	19 27	0 33	4 44	2 33	23 32	0 10	7 6	1 36	2 8	15 35	15 51	15 21	24 29	1 14	4 30
S 29	23 16	22 40	1 47	20 28	2 57	17 47	1 56	21 13	0 4	19 24	0 33	4 44	2 33	23 32	0 10	7 6	1 37	2 8	15 35	15 50	15 20	24 27	1 14	4 30
M30	23 12	25 51	2 56	20 21	3 3	17 24	1 55	21 21	0 4	19 21	0 33	4 45	2 33	23 32	0 10	7 6	1 37	2 9	15 35	15 49	15 19	24 26	1 14	4 29
T 31	23s 9	27n18	3n55	20s16	3n 6	17s 0	1s53	21s28	0n 3	19s18	0s33	4n46	2s32	23n32	0n10	7s 7	1n37	2n 9	15s34	15n47	15n18	24s24	1s13	4n29

Julian Day Number = 2493881.5, Delta T = 101.07 sec
Ecliptic obliquity = 23°25'33, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'35, Lahiri = 25°28'36

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ASTRODIENST EPHEMERIS for the year 2116
geocentric

JANUARY 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 39 29	9♑41'52	18♋38	25°R18	19♒55	8♐ 1	6♒12	18♈ 9	25°R51	22♎ 8	17°R48	13°R 2	11♉32	3♒12	16♓27	W 1
T 2	6 43 26	10°43'00	3♌53	24♐48	21° 7	8°43	6°25	18°10	25♊48	22° 8	17♉48	12♉52	11°28	3°18	16°29	T 2
F 3	6 47 23	11°44'08	19° 0	24°27	22°19	9°25	6°39	18°12	25°46	22° 9	17°47	12°43	11°25	3°25	16°31	F 3
S 4	6 51 19	12°45'16	3♍50	24°17	23°31	10° 7	6°53	18°13	25°44	22°10	17°46	12°36	11°22	3°32	16°33	S 4
S 5	6 55 16	13°46'24	18°15	24°D17	24°42	10°49	7° 6	18°15	25°41	22°10	17°46	12°31	11°19	3°38	16°35	S 5
M 6	6 59 12	14°47'33	2♎15	24°25	25°54	11°31	7°20	18°16	25°39	22°11	17°45	12°28	11°16	3°45	16°37	M 6
T 7	7 3 9	15°48'42	15°47	24°42	27° 5	12°13	7°34	18°18	25°36	22°12	17°45	12°D27	11°12	3°52	16°40	T 7
W 8	7 7 5	16°49'51	28°56	25° 6	28°16	12°55	7°47	18°20	25°34	22°12	17°44	12°28	11° 9	3°59	16°42	W 8
T 9	7 11 2	17°51'01	11♏44	25°36	29°28	13°37	8° 1	18°22	25°32	22°13	17°44	12°R28	11° 6	4° 5	16°44	T 9
F 10	7 14 58	18°52'10	24°15	26°13	0♓39	14°19	8°15	18°24	25°29	22°13	17°43	12°27	11° 3	4°12	16°46	F 10
S 11	7 18 55	19°53'20	6♐33	26°55	1°50	15° 1	8°29	18°26	25°27	22°14	17°43	12°25	11° 0	4°19	16°49	S 11
S 12	7 22 52	20°54'30	18°42	27°42	3° 1	15°43	8°43	18°28	25°25	22°14	17°42	12°19	10°57	4°25	16°51	S 12
M13	7 26 48	21°55'40	0♑44	28°33	4°12	16°26	8°56	18°31	25°23	22°15	17°42	12°10	10°53	4°32	16°54	M13
T 14	7 30 45	22°56'50	12°42	29°29	5°22	17° 8	9°10	18°33	25°20	22°15	17°41	11°59	10°50	4°39	16°56	T 14
W15	7 34 41	23°57'59	24°36	0♑27	6°33	17°50	9°24	18°36	25°18	22°15	17°41	11°46	10°47	4°46	16°59	W15
T 16	7 38 38	24°59'08	6♒28	1°29	7°43	18°32	9°38	18°39	25°16	22°15	17°41	11°31	10°44	4°52	17° 1	T 16
F 17	7 42 34	26° 0'17	18°20	2°34	8°54	19°15	9°52	18°41	25°14	22°16	17°40	11°17	10°41	4°59	17° 4	F 17
S 18	7 46 31	27° 1'25	0♓13	3°41	10° 4	19°57	10° 7	18°44	25°12	22°16	17°40	11° 4	10°38	5° 6	17° 7	S 18
S 19	7 50 27	28° 2'33	12° 9	4°50	11°14	20°40	10°21	18°47	25°10	22°16	17°40	10°53	10°34	5°13	17° 9	S 19
M20	7 54 24	29° 3'39	24°10	6° 1	12°24	21°22	10°35	18°50	25° 8	22°16	17°40	10°46	10°31	5°19	17°12	M20
T 21	7 58 21	0♒ 4'45	6♈20	7°15	13°34	22° 4	10°49	18°54	25° 6	22°16	17°39	10°41	10°28	5°26	17°15	T 21
W22	8 2 17	1° 5'50	18°43	8°30	14°43	22°47	11° 3	18°57	25° 4	22°16	17°39	10°39	10°25	5°33	17°18	W22
T 23	8 6 14	2° 6'55	1♉24	9°46	15°53	23°29	11°17	19° 0	25° 2	22°17	17°39	10°D38	10°22	5°39	17°21	T 23
F 24	8 10 10	3° 7'58	14°28	11° 4	17° 2	24°12	11°31	19° 4	25° 0	22°R17	17°39	10°R38	10°18	5°46	17°24	F 24
S 25	8 14 7	4° 9'01	27°58	12°23	18°11	24°55	11°45	19° 7	24°58	22°17	17°38	10°37	10°15	5°53	17°27	S 25
S 26	8 18 3	5°10'02	11♊57	13°44	19°20	25°37	12° 0	19°11	24°57	22°16	17°38	10°35	10°12	6° 0	17°30	S 26
M27	8 22 0	6°11'03	26°25	15° 5	20°29	26°20	12°14	19°15	24°55	22°16	17°38	10°29	10° 9	6° 6	17°33	M27
T 28	8 25 57	7°12'03	11♋20	16°28	21°38	27° 3	12°28	19°19	24°53	22°16	17°38	10°21	10° 6	6°13	17°36	T 28
W29	8 29 53	8°13'02	26°34	17°51	22°46	27°45	12°42	19°23	24°51	22°16	17°38	10°11	10° 3	6°20	17°39	W29
T 30	8 33 50	9°13'59	11♌57	19°16	23°55	28°28	12°57	19°27	24°50	22°16	17°38	9°59	9°59	6°27	17°42	T 30
F 31	8 37 46	10♒14'56	27♌17	20♑42	25♓ 3	29♐11	13♒11	19♈31	24♊48	22♎16	17♉38	9♉47	9♉56	6♒33	17♓45	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 4	26n43	4n37	20s13	3n 8	16s36	1s52	21s36	0n 2	19s14	0s33	4n46	2s32	23n32	0n10	7s 7	1n37	2n 9	15s34	15n44	15n17	24s23	1s13	4n29
T 2	23 0	24 8	5 1	20 12	3 8	16 12	1 51	21 43	0 2	19 11	0 33	4 47	2 32	23 32	0 10	7 7	1 37	2 9	15 34	15 42	15 16	24 21	1 12	4 29
F 3	22 54	19 54	5 2	20 13	3 5	15 47	1 49	21 50	0 1	19 8	0 33	4 48	2 32	23 32	0 10	7 7	1 37	2 9	15 34	15 39	15 15	24 20	1 12	4 28
S 4	22 49	14 30	4 44	20 17	3 2	15 22	1 47	21 57	0 0	19 4	0 33	4 48	2 31	23 32	0 10	7 8	1 37	2 9	15 33	15 37	15 14	24 18	1 11	4 28
S 5	22 43	8 26	4 8	20 21	2 57	14 56	1 46	22 4	0s 0	19 1	0 33	4 49	2 31	23 32	0 10	7 8	1 37	2 9	15 33	15 35	15 13	24 17	1 11	4 28
M 6	22 36	2 7	3 17	20 28	2 51	14 30	1 44	22 10	0 1	18 58	0 33	4 50	2 31	23 31	0 10	7 8	1 37	2 9	15 33	15 34	15 12	24 15	1 10	4 27
T 7	22 29	4s 6	2 17	20 35	2 44	14 4	1 42	22 16	0 2	18 54	0 33	4 51	2 30	23 31	0 10	7 8	1 37	2 10	15 32	15 34	15 11	24 14	1 9	4 27
W 8	22 22	9 58	1 12	20 43	2 37	13 38	1 40	22 22	0 2	18 51	0 33	4 52	2 30	23 31	0 10	7 8	1 37	2 10	15 32	15 34	15 10	24 12	1 9	4 27
T 9	22 14	15 17	0 4	20 53	2 29	13 11	1 37	22 28	0 3	18 47	0 33	4 53	2 30	23 31	0 10	7 8	1 37	2 10	15 32	15 34	15 9	24 11	1 8	4 27
F 10	22 6	19 50	1s 2	21 2	2 20	12 43	1 35	22 34	0 4	18 44	0 33	4 54	2 30	23 31	0 10	7 9	1 37	2 10	15 31	15 34	15 8	24 9	1 8	4 26
S 11	21 57	23 26	2 4	21 12	2 11	12 16	1 33	22 39	0 4	18 40	0 33	4 55	2 29	23 31	0 10	7 9	1 37	2 10	15 31	15 33	15 7	24 8	1 7	4 26
S 12	21 48	25 56	3 0	21 22	2 2	11 48	1 30	22 45	0 5	18 37	0 33	4 56	2 29	23 31	0 10	7 9	1 37	2 10	15 31	15 31	15 6	24 6	1 6	4 26
M13	21 39	27 12	3 46	21 32	1 53	11 20	1 28	22 50	0 6	18 33	0 33	4 57	2 29	23 31	0 10	7 9	1 37	2 11	15 31	15 29	15 5	24 5	1 6	4 26
T 14	21 29	27 11	4 23	21 42	1 44	10 51	1 25	22 55	0 6	18 29	0 33	4 59	2 29	23 31	0 10	7 9	1 37	2 11	15 30	15 25	15 4	24 3	1 5	4 25
W15	21 18	25 54	4 47	21 51	1 34	10 23	1 22	22 59	0 7	18 26	0 34	5 0	2 28	23 31	0 10	7 9	1 38	2 11	15 30	15 21	15 3	24 2	1 4	4 25
T 16	21 7	23 28	4 59	22 0	1 25	9 54	1 19	23 4	0 8	18 22	0 34	5 1	2 28	23 31	0 10	7 9	1 38	2 11	15 30	15 17	15 2	24 0	1 3	4 25
F 17	20 56	20 2	4 58	22 8	1 16	9 25	1 16	23 8	0 9	18 18	0 34	5 2	2 28	23 31	0 10	7 9	1 38	2 11	15 29	15 12	15 1	23 58	1 2	4 25
S 18	20 45	15 49	4 44	22 16	1 6	8 55	1 13	23 12	0 9	18 15	0 34	5 4	2 28	23 31	0 10	7 9	1 38	2 12	15 29	15 8	15 0	23 57	1 2	4 24
S 19	20 33	10 58	4 17	22 23	0 57	8 26	1 10	23 16	0 10	18 11	0 34	5 5	2 27	23 31	0 10	7 9	1 38	2 12	15 29	15 5	14 59	23 55	1 1	4 24
M20	20 20	5 40	3 39	22 30	0 48	7 56	1 7	23 19	0 11	18 7	0 34	5 7	2 27	23 30	0 10	7 9	1 38	2 12	15 28	15 3	14 58	23 54	1 0	4 24
T 21	20 7	0 6	2 51	22 35	0 39	7 26	1 3	23 23	0 11	18 3	0 34	5 8	2 27	23 30	0 10	7 9	1 38	2 12	15 28	15 1	14 57	23 52	0 59	4 24
W22	19 54	5n35	1 53	22 39	0 30	6 56	1 0	23 26	0 12	17 59	0 34	5 9	2 26	23 30	0 10	7 9	1 38	2 13	15 28	15 1	14 56	23 50	0 58	4 23
T 23	19 41	11 12	0 49	22 43	0 21	6 26	0 56	23 29	0 13	17 56	0 34	5 11	2 26	23 30	0 10	7 9	1 38	2 13	15 27	15 0	14 55	23 49	0 57	4 23
F 24	19 27	16 29	0n20	22 45	0 13	5 55	0 53	23 31	0 13	17 52	0 34	5 13	2 26	23 30	0 10	7 9	1 38	2 13	15 27	15 0	14 54	23 47	0 56	4 23
S 25	19 13	21 10	1 30	22 47	0 4	5 25	0 49	23 34	0 14	17 48	0 34	5 14	2 26	23 30	0 10	7 9	1 38	2 13	15 27	15 0	14 53	23 46	0 56	4 23
S 26	18 58	24 48	2 37	22 47	0s 4	4 54	0 45	23 36	0 15	17 44	0 34	5 16	2 25	23 30	0 10	7 9	1 38	2 14	15 26	14 59	14 52	23 44	0 55	4 22
M27	18 43	26 59	3 36	22 46	0 12	4 24	0 41	23 38	0 16	17 40	0 34	5 17	2 25	23 30	0 10	7 9	1 38	2 14	15 26	14 58	14 51	23 42	0 54	4 22
T 28	18 28	27 18	4 23	22 44	0 20	3 53	0 37	23 40	0 16	17 36	0 34	5 19	2 25	23 30	0 10	7 9	1 38	2 14	15 26	14 55	14 50	23 41	0 53	4 22
W29	18 12	25 36	4 51	22 41	0 27	3 22	0 33	23 42	0 17	17 32	0 34	5 21	2 25	23 30	0 10	7 9	1 38	2 15	15 25	14 52	14 49	23 39	0 52	4 22
T 30	17 56	21 59	5 0	22 37	0 35	2 51	0 29	23 43	0 18	17 28	0 35	5 23	2 24	23 30	0 10	7 8	1 38	2 15	15 25	14 48	14 48	23 37	0 51	4 22
F 31	17s40	16n53	4n46	22s32	0s42	2s20	0s24	23s44	0s19	17s24	0s35	5n24	2s24	23n30	0n10	7s 8	1n38	2n15	15s25	14n44	14n47	23s36	0s50	4n21

Julian Day Number = 2493912.5, Delta T = 101.11 sec
Ecliptic obliquity = 23°25'33, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'40, Lahiri = 25°28'40

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ASTRODIENST EPHEMERIS for the year 2116
geocentric

FEBRUARY 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 41 43	11♒15'52	12♍22	22♑ 8	26♓11	29♐54	13♒25	19♈35	24°R47	22°R15	17°D38	9°R37	9♉53	6♒40	17♓48	S 1
S 2	8 45 39	12°16'47	27° 4	23°35	27°18	0♑36	13°39	19°39	24♊45	22♎15	17♉38	9♉30	9°50	6°47	17°51	S 2
M 3	8 49 36	13°17'42	11♎17	25° 3	28°26	1°19	13°54	19°44	24°44	22°15	17°38	9°25	9°47	6°53	17°55	M 3
T 4	8 53 32	14°18'35	25° 0	26°32	29°33	2° 2	14° 8	19°48	24°42	22°14	17°38	9°23	9°44	7° 0	17°58	T 4
W 5	8 57 29	15°19'28	8♏14	28° 2	0♈40	2°45	14°22	19°53	24°41	22°14	17°38	9°23	9°40	7° 7	18° 1	W 5
T 6	9 1 25	16°20'20	21° 4	29°32	1°47	3°28	14°36	19°58	24°39	22°14	17°38	9°23	9°37	7°14	18° 4	T 6
F 7	9 5 22	17°21'12	3♐33	1♒ 3	2°54	4°11	14°51	20° 2	24°38	22°13	17°38	9°22	9°34	7°20	18° 8	F 7
S 8	9 9 19	18°22'02	15°46	2°36	4° 0	4°54	15° 5	20° 7	24°37	22°13	17°38	9°19	9°31	7°27	18°11	S 8
S 9	9 13 15	19°22'52	27°49	4° 8	5° 6	5°37	15°19	20°12	24°36	22°12	17°39	9°14	9°28	7°34	18°15	S 9
M10	9 17 12	20°23'41	9♑44	5°42	6°12	6°20	15°33	20°17	24°35	22°12	17°39	9° 5	9°24	7°40	18°18	M10
T 11	9 21 8	21°24'28	21°37	7°16	7°18	7° 4	15°48	20°22	24°34	22°11	17°39	8°54	9°21	7°47	18°21	T 11
W12	9 25 5	22°25'15	3♒28	8°51	8°23	7°47	16° 2	20°27	24°33	22°10	17°39	8°40	9°18	7°54	18°25	W12
T 13	9 29 1	23°26'00	15°20	10°27	9°28	8°30	16°16	20°32	24°32	22°10	17°40	8°26	9°15	8° 1	18°28	T 13
F 14	9 32 58	24°26'44	27°15	12° 4	10°33	9°13	16°30	20°38	24°31	22° 9	17°40	8°12	9°12	8° 7	18°32	F 14
S 15	9 36 55	25°27'26	9♓12	13°42	11°38	9°56	16°45	20°43	24°30	22° 8	17°40	7°59	9° 9	8°14	18°35	S 15
S 16	9 40 51	26°28'07	21°15	15°20	12°42	10°40	16°59	20°48	24°29	22° 8	17°40	7°48	9° 5	8°21	18°39	S 16
M17	9 44 48	27°28'47	3♈24	16°59	13°46	11°23	17°13	20°54	24°28	22° 7	17°41	7°40	9° 2	8°28	18°42	M17
T 18	9 48 44	28°29'25	15°41	18°39	14°49	12° 6	17°27	21° 0	24°27	22° 6	17°41	7°35	8°59	8°34	18°46	T 18
W19	9 52 41	29°30'01	28°10	20°20	15°53	12°50	17°41	21° 5	24°27	22° 5	17°41	7°33	8°56	8°41	18°50	W19
T 20	9 56 37	0♓30'35	10♉53	22° 2	16°56	13°33	17°55	21°11	24°26	22° 4	17°42	7°D32	8°53	8°48	18°53	T 20
F 21	10 0 34	1°31'08	23°54	23°45	17°58	14°17	18°10	21°17	24°25	22° 4	17°42	7°33	8°50	8°54	18°57	F 21
S 22	10 4 30	2°31'39	7♊17	25°29	19° 0	15° 0	18°24	21°22	24°25	22° 3	17°43	7°R33	8°46	9° 1	19° 1	S 22
S 23	10 8 27	3°32'08	21° 5	27°13	20° 2	15°44	18°38	21°28	24°24	22° 2	17°43	7°32	8°43	9° 8	19° 4	S 23
M24	10 12 24	4°32'36	5♋18	28°59	21° 4	16°27	18°52	21°34	24°24	22° 1	17°44	7°28	8°40	9°15	19° 8	M24
T 25	10 16 20	5°33'01	19°56	0♓45	22° 5	17°11	19° 6	21°40	24°24	22° 0	17°44	7°22	8°37	9°21	19°12	T 25
W26	10 20 17	6°33'25	4♌53	2°33	23° 5	17°54	19°20	21°46	24°23	21°59	17°45	7°14	8°34	9°28	19°15	W26
T 27	10 24 13	7°33'47	20° 3	4°21	24° 6	18°38	19°34	21°53	24°23	21°58	17°45	7° 5	8°30	9°35	19°19	T 27
F 28	10 28 10	8°34'06	5♍15	6°10	25° 5	19°21	19°48	21°59	24°23	21°57	17°46	6°55	8°27	9°42	19°23	F 28
S 29	10 32 6	9♓34'25	20♍19	8♓ 0	26♈ 4	20♑ 5	20♒ 1	22♈ 5	24♊23	21♎56	17♉46	6♉47	8♉24	9♒48	19♓26	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s23	10n48	4n13	22s25	0s49	1s49	0s20	23s45	0s19	17s20	0s35	5n26	2s24	23n30	0n10	7s 8	1n39	2n16	15s24	14n41	14n46	23s34	0s49	4n21
S 2	17 6	4 16	3 23	22 17	0 56	1 18	0 15	23 46	0 20	17 16	0 35	5 28	2 24	23 30	0 10	7 8	1 39	2 16	15 24	14 39	14 45	23 32	0 47	4 21
M 3	16 49	2s17	2 22	22 8	1 2	0 47	0 11	23 46	0 21	17 12	0 35	5 30	2 24	23 30	0 10	7 8	1 39	2 16	15 24	14 37	14 44	23 30	0 46	4 21
T 4	16 32	8 30	1 15	21 57	1 8	0 16	0 6	23 46	0 22	17 8	0 35	5 32	2 23	23 30	0 10	7 8	1 39	2 17	15 23	14 37	14 43	23 29	0 45	4 21
W 5	16 14	14 9	0 6	21 45	1 14	0n15	0 1	23 46	0 22	17 4	0 35	5 34	2 23	23 29	0 10	7 7	1 39	2 17	15 23	14 37	14 42	23 27	0 44	4 20
T 6	15 56	19 0	1s 1	21 32	1 20	0 46	0n 4	23 46	0 23	17 0	0 35	5 36	2 23	23 29	0 10	7 7	1 39	2 17	15 23	14 37	14 41	23 25	0 43	4 20
F 7	15 38	22 53	2 4	21 18	1 25	1 17	0 8	23 46	0 24	16 56	0 35	5 38	2 23	23 29	0 10	7 7	1 39	2 18	15 22	14 36	14 40	23 24	0 42	4 20
S 8	15 19	25 38	2 59	21 2	1 30	1 48	0 13	23 45	0 25	16 52	0 35	5 40	2 22	23 29	0 10	7 7	1 39	2 18	15 22	14 35	14 39	23 22	0 41	4 20
S 9	15 0	27 10	3 46	20 45	1 35	2 19	0 19	23 44	0 26	16 48	0 35	5 42	2 22	23 29	0 10	7 7	1 39	2 18	15 22	14 34	14 38	23 20	0 40	4 20
M10	14 41	27 26	4 22	20 27	1 39	2 49	0 24	23 43	0 26	16 44	0 35	5 44	2 22	23 29	0 10	7 6	1 39	2 19	15 21	14 31	14 37	23 18	0 39	4 19
T 11	14 22	26 24	4 47	20 7	1 44	3 20	0 29	23 41	0 27	16 40	0 36	5 46	2 22	23 29	0 10	7 6	1 39	2 19	15 21	14 27	14 36	23 17	0 37	4 19
W12	14 2	24 12	4 59	19 46	1 47	3 51	0 34	23 40	0 28	16 35	0 36	5 48	2 22	23 29	0 10	7 6	1 39	2 20	15 21	14 23	14 35	23 15	0 36	4 19
T 13	13 42	20 58	4 58	19 23	1 51	4 21	0 40	23 38	0 29	16 31	0 36	5 50	2 21	23 29	0 10	7 5	1 39	2 20	15 20	14 18	14 34	23 13	0 35	4 19
F 14	13 22	16 52	4 44	19 0	1 54	4 52	0 45	23 36	0 29	16 27	0 36	5 52	2 21	23 29	0 10	7 5	1 39	2 20	15 20	14 14	14 33	23 11	0 34	4 19
S 15	13 2	12 5	4 17	18 34	1 57	5 22	0 51	23 33	0 30	16 23	0 36	5 54	2 21	23 29	0 10	7 5	1 39	2 21	15 20	14 10	14 32	23 10	0 32	4 19
S 16	12 41	6 49	3 39	18 8	2 0	5 52	0 56	23 31	0 31	16 19	0 36	5 57	2 21	23 29	0 10	7 5	1 39	2 21	15 19	14 6	14 31	23 8	0 31	4 19
M17	12 20	1 15	2 50	17 40	2 2	6 23	1 2	23 28	0 32	16 14	0 36	5 59	2 21	23 29	0 10	7 4	1 39	2 22	15 19	14 4	14 30	23 6	0 30	4 18
T 18	12 0	4n26	1 53	17 11	2 4	6 52	1 7	23 25	0 33	16 10	0 36	6 1	2 20	23 29	0 10	7 4	1 39	2 22	15 19	14 2	14 29	23 4	0 29	4 18
W19	11 38	10 3	0 50	16 40	2 5	7 22	1 13	23 22	0 33	16 6	0 36	6 3	2 20	23 29	0 10	7 3	1 40	2 22	15 18	14 1	14 28	23 2	0 27	4 18
T 20	11 17	15 22	0n18	16 9	2 6	7 52	1 19	23 18	0 34	16 2	0 36	6 6	2 20	23 29	0 10	7 3	1 40	2 23	15 18	14 1	14 27	23 1	0 26	4 18
F 21	10 56	20 8	1 26	15 35	2 7	8 21	1 25	23 15	0 35	15 58	0 37	6 8	2 20	23 29	0 10	7 3	1 40	2 23	15 18	14 1	14 26	22 59	0 25	4 18
S 22	10 34	24 0	2 31	15 1	2 7	8 50	1 31	23 11	0 36	15 53	0 37	6 10	2 20	23 29	0 10	7 2	1 40	2 24	15 17	14 1	14 25	22 57	0 24	4 18
S 23	10 12	26 37	3 30	14 25	2 7	9 19	1 37	23 7	0 37	15 49	0 37	6 13	2 19	23 29	0 10	7 2	1 40	2 24	15 17	14 1	14 24	22 55	0 22	4 18
M24	9 50	27 37	4 18	13 47	2 6	9 48	1 43	23 2	0 38	15 45	0 37	6 15	2 19	23 29	0 10	7 2	1 40	2 25	15 17	14 0	14 23	22 53	0 21	4 17
T 25	9 28	26 44	4 50	13 9	2 5	10 17	1 49	22 57	0 38	15 41	0 37	6 17	2 19	23 29	0 10	7 1	1 40	2 25	15 16	13 58	14 22	22 52	0 20	4 17
W26	9 6	23 56	5 3	12 29	2 3	10 45	1 55	22 53	0 39	15 36	0 37	6 20	2 19	23 29	0 10	7 1	1 40	2 25	15 16	13 55	14 21	22 50	0 18	4 17
T 27	8 44	19 28	4 56	11 47	2 1	11 13	2 1	22 48	0 40	15 32	0 37	6 22	2 19	23 29	0 10	7 0	1 40	2 26	15 16	13 52	14 20	22 48	0 17	4 17
F 28	8 21	13 44	4 28	11 5	1 59	11 41	2 7	22 42	0 41	15 28	0 37	6 25	2 19	23 29	0 10	7 0	1 40	2 26	15 15	13 49	14 19	22 46	0 16	4 17
S 29	7s59	7n13	3n41	10s21	1s56	12n 8	2n14	22s37	0s42	15s23	0s37	6n27	2s18	23n29	0n10	6s59	1n40	2n27	15s15	13n46	14n18	22s44	0s14	4n17

Julian Day Number = 2493943.5, Delta T = 101.16 sec
Ecliptic obliquity = 23°25'34, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'44, Lahiri = 25°28'44

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ASTRODIENST EPHEMERIS for the year 2116
geocentric

MARCH 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 3	10♓34'41	5♎ 4	9♓52	27♈ 3	20♑49	20♒15	22♈11	24°R22	21°R54	17♉47	6°R41	8♉21	9♒55	19♓30	S 1
M 2	10 39 59	11°34'56	19°25	11°44	28° 2	21°32	20°29	22°18	24♊22	21♎53	17°48	6♉38	8°18	10° 2	19°34	M 2
T 3	10 43 56	12°35'09	3♏16	13°37	28°59	22°16	20°43	22°24	24°D22	21°52	17°48	6°D36	8°15	10° 8	19°38	T 3
W 4	10 47 52	13°35'21	16°40	15°30	29°57	23° 0	20°57	22°31	24°22	21°51	17°49	6°37	8°11	10°15	19°41	W 4
T 5	10 51 49	14°35'31	29°37	17°25	0♉53	23°44	21°10	22°37	24°23	21°50	17°50	6°38	8° 8	10°22	19°45	T 5
F 6	10 55 46	15°35'40	12♐11	19°20	1°50	24°27	21°24	22°44	24°23	21°48	17°50	6°R38	8° 5	10°29	19°49	F 6
S 7	10 59 42	16°35'47	24°27	21°16	2°45	25°11	21°38	22°50	24°23	21°47	17°51	6°38	8° 2	10°35	19°53	S 7
S 8	11 3 39	17°35'53	6♑30	23°12	3°40	25°55	21°51	22°57	24°23	21°46	17°52	6°36	7°59	10°42	19°56	S 8
M 9	11 7 35	18°35'57	18°25	25° 9	4°35	26°39	22° 5	23° 4	24°23	21°45	17°53	6°32	7°56	10°49	20° 0	M 9
T 10	11 11 32	19°36'00	0♒17	27° 6	5°28	27°23	22°18	23°10	24°24	21°43	17°53	6°26	7°52	10°55	20° 4	T 10
W11	11 15 28	20°36'01	12° 7	29° 2	6°21	28° 7	22°32	23°17	24°24	21°42	17°54	6°18	7°49	11° 2	20° 8	W11
T 12	11 19 25	21°35'59	24° 1	0♈59	7°14	28°51	22°45	23°24	24°25	21°41	17°55	6° 9	7°46	11° 9	20°11	T 12
F 13	11 23 21	22°35'57	6♓ 0	2°54	8° 5	29°35	22°59	23°31	24°25	21°39	17°56	6° 0	7°43	11°16	20°15	F 13
S 14	11 27 18	23°35'52	18° 5	4°49	8°56	0♒19	23°12	23°38	24°26	21°38	17°57	5°52	7°40	11°22	20°19	S 14
S 15	11 31 15	24°35'45	0♈19	6°42	9°47	1° 3	23°25	23°45	24°27	21°36	17°57	5°46	7°36	11°29	20°23	S 15
M16	11 35 11	25°35'37	12°41	8°34	10°36	1°47	23°38	23°52	24°27	21°35	17°58	5°41	7°33	11°36	20°26	M16
T 17	11 39 8	26°35'26	25°14	10°24	11°25	2°31	23°51	23°59	24°28	21°34	17°59	5°39	7°30	11°43	20°30	T 17
W18	11 43 4	27°35'13	7♉57	12°11	12°12	3°15	24° 5	24° 6	24°29	21°32	18° 0	5°D38	7°27	11°49	20°34	W18
T 19	11 47 1	28°34'58	20°54	13°56	12°59	3°59	24°18	24°13	24°30	21°31	18° 1	5°39	7°24	11°56	20°38	T 19
F 20	11 50 57	29°34'41	4♊ 5	15°36	13°45	4°43	24°31	24°20	24°31	21°29	18° 2	5°41	7°21	12° 3	20°41	F 20
S 21	11 54 54	0♈34'22	17°32	17°13	14°30	5°27	24°43	24°27	24°31	21°28	18° 3	5°42	7°17	12° 9	20°45	S 21
S 22	11 58 50	1°34'01	1♋16	18°45	15°14	6°12	24°56	24°35	24°32	21°26	18° 4	5°R43	7°14	12°16	20°49	S 22
M23	12 2 47	2°33'37	15°19	20°13	15°57	6°56	25° 9	24°42	24°34	21°25	18° 5	5°42	7°11	12°23	20°53	M23
T 24	12 6 44	3°33'11	29°40	21°35	16°39	7°40	25°22	24°49	24°35	21°23	18° 6	5°40	7° 8	12°30	20°56	T 24
W25	12 10 40	4°32'42	14♌15	22°52	17°19	8°24	25°35	24°57	24°36	21°21	18° 7	5°36	7° 5	12°36	21° 0	W25
T 26	12 14 37	5°32'11	29° 0	24° 2	17°59	9° 8	25°47	25° 4	24°37	21°20	18° 8	5°32	7° 1	12°43	21° 4	T 26
F 27	12 18 33	6°31'38	13♍48	25° 6	18°37	9°53	26° 0	25°11	24°38	21°18	18° 9	5°28	6°58	12°50	21° 7	F 27
S 28	12 22 30	7°31'03	28°32	26° 3	19°14	10°37	26°12	25°19	24°40	21°17	18°10	5°24	6°55	12°56	21°11	S 28
S 29	12 26 26	8°30'25	13♎ 3	26°54	19°50	11°21	26°25	25°26	24°41	21°15	18°11	5°21	6°52	13° 3	21°14	S 29
M30	12 30 23	9°29'46	27°16	27°37	20°24	12° 5	26°37	25°33	24°42	21°14	18°12	5°20	6°49	13°10	21°18	M30
T 31	12 34 19	10♈29'05	11♏ 6	28♈13	20♉57	12♒50	26♒49	25♈41	24♊44	21♎12	18♉13	5°D20	6♉46	13♒17	21♓22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s36	0n26	2n40	9s36	1s52	12n35	2n20	22s31	0s43	15s19	0s38	6n30	2s18	23n29	0n10	6s59	1n40	2n27	15s15	13n44	14n17	22s42	0s13	4n17
M 2	7 13	6s11	1 31	8 49	1 48	13 2	2 26	22 25	0 43	15 15	0 38	6 32	2 18	23 29	0 10	6 58	1 40	2 28	15 14	13 43	14 16	22 40	0 12	4 17
T 3	6 50	12 19	0 18	8 2	1 43	13 29	2 32	22 19	0 44	15 11	0 38	6 35	2 18	23 29	0 10	6 58	1 40	2 28	15 14	13 43	14 15	22 38	0 10	4 17
W 4	6 27	17 40	0s54	7 13	1 38	13 55	2 39	22 12	0 45	15 6	0 38	6 37	2 18	23 29	0 10	6 58	1 40	2 29	15 14	13 43	14 14	22 37	0 9	4 17
T 5	6 4	22 1	2 0	6 23	1 32	14 21	2 45	22 6	0 46	15 2	0 38	6 40	2 18	23 29	0 10	6 57	1 40	2 29	15 13	13 43	14 13	22 35	0 7	4 17
F 6	5 41	25 12	2 59	5 32	1 26	14 47	2 51	21 59	0 47	14 58	0 38	6 42	2 17	23 29	0 10	6 57	1 40	2 30	15 13	13 44	14 12	22 33	0 6	4 16
S 7	5 17	27 7	3 48	4 40	1 19	15 12	2 58	21 52	0 48	14 54	0 38	6 45	2 17	23 29	0 10	6 56	1 40	2 30	15 13	13 43	14 11	22 31	0 5	4 16
S 8	4 54	27 42	4 26	3 47	1 11	15 37	3 4	21 45	0 48	14 49	0 38	6 48	2 17	23 29	0 10	6 56	1 40	2 31	15 12	13 43	14 10	22 29	0 3	4 16
M 9	4 30	26 59	4 52	2 54	1 3	16 2	3 11	21 37	0 49	14 45	0 38	6 50	2 17	23 29	0 10	6 55	1 40	2 31	15 12	13 41	14 9	22 27	0 2	4 16
T 10	4 7	25 3	5 5	1 59	0 55	16 26	3 17	21 30	0 50	14 41	0 39	6 53	2 17	23 29	0 10	6 54	1 40	2 32	15 12	13 39	14 8	22 25	0 0	4 16
W11	3 43	22 2	5 6	1 5	0 45	16 50	3 23	21 22	0 51	14 36	0 39	6 55	2 17	23 29	0 10	6 54	1 40	2 32	15 12	13 37	14 7	22 23	0n 1	4 16
T 12	3 20	18 6	4 53	0 9	0 36	17 13	3 30	21 14	0 52	14 32	0 39	6 58	2 17	23 29	0 10	6 53	1 40	2 33	15 11	13 34	14 6	22 21	0 2	4 16
F 13	2 56	13 26	4 27	0n46	0 25	17 36	3 36	21 5	0 53	14 28	0 39	7 1	2 17	23 29	0 10	6 53	1 41	2 33	15 11	13 31	14 5	22 19	0 4	4 16
S 14	2 32	8 13	3 49	1 42	0 14	17 59	3 43	20 57	0 54	14 24	0 39	7 3	2 16	23 29	0 10	6 52	1 41	2 33	15 11	13 28	14 3	22 17	0 5	4 16
S 15	2 9	2 37	2 59	2 37	0 3	18 21	3 49	20 48	0 54	14 19	0 39	7 6	2 16	23 29	0 10	6 52	1 41	2 34	15 10	13 26	14 2	22 15	0 7	4 16
M16	1 45	3n 9	2 1	3 32	0n 9	18 43	3 55	20 39	0 55	14 15	0 39	7 9	2 16	23 29	0 10	6 51	1 41	2 34	15 10	13 25	14 1	22 13	0 8	4 16
T 17	1 21	8 53	0 56	4 26	0 21	19 4	4 2	20 30	0 56	14 11	0 40	7 11	2 16	23 29	0 10	6 51	1 41	2 35	15 10	13 24	14 0	22 11	0 10	4 16
W18	0 58	14 21	0n13	5 19	0 33	19 25	4 8	20 21	0 57	14 7	0 40	7 14	2 16	23 29	0 10	6 50	1 41	2 35	15 10	13 24	13 59	22 9	0 11	4 16
T 19	0 34	19 17	1 22	6 11	0 46	19 46	4 14	20 11	0 58	14 3	0 40	7 17	2 16	23 29	0 10	6 49	1 41	2 36	15 9	13 24	13 58	22 7	0 12	4 16
F 20	0 10	23 23	2 29	7 2	0 58	20 6	4 20	20 1	0 59	13 58	0 40	7 19	2 16	23 29	0 10	6 49	1 41	2 36	15 9	13 24	13 57	22 5	0 14	4 16
S 21	0n14	26 18	3 28	7 51	1 11	20 25	4 27	19 52	1 0	13 54	0 40	7 22	2 16	23 29	0 10	6 48	1 41	2 37	15 9	13 25	13 56	22 3	0 15	4 16
S 22	0 37	27 43	4 18	8 38	1 24	20 44	4 33	19 41	1 0	13 50	0 40	7 25	2 16	23 29	0 10	6 48	1 41	2 37	15 9	13 25	13 55	22 1	0 17	4 16
M23	1 1	27 23	4 53	9 23	1 36	21 3	4 39	19 31	1 1	13 46	0 40	7 28	2 15	23 29	0 10	6 47	1 41	2 38	15 8	13 25	13 54	21 59	0 18	4 16
T 24	1 25	25 16	5 10	10 5	1 48	21 21	4 45	19 21	1 2	13 42	0 41	7 30	2 15	23 29	0 10	6 47	1 41	2 38	15 8	13 24	13 53	21 57	0 20	4 16
W25	1 48	21 28	5 8	10 45	2 0	21 38	4 51	19 10	1 3	13 38	0 41	7 33	2 15	23 29	0 10	6 46	1 41	2 39	15 8	13 23	13 52	21 55	0 21	4 16
T 26	2 12	16 17	4 46	11 21	2 12	21 55	4 57	18 59	1 4	13 34	0 41	7 36	2 15	23 29	0 10	6 45	1 41	2 39	15 8	13 22	13 51	21 53	0 23	4 16
F 27	2 35	10 8	4 5	11 55	2 22	22 12	5 2	18 48	1 5	13 29	0 41	7 39	2 15	23 29	0 10	6 45	1 41	2 40	15 7	13 20	13 50	21 51	0 24	4 16
S 28	2 59	3 28	3 8	12 26	2 33	22 27	5 8	18 37	1 6	13 25	0 41	7 41	2 15	23 29	0 10	6 44	1 41	2 40	15 7	13 19	13 49	21 49	0 25	4 16
S 29	3 22	3s19	1 59	12 53	2 42	22 43	5 14	18 26	1 7	13 21	0 41	7 44	2 15	23 30	0 10	6 44	1 41	2 41	15 7	13 18	13 48	21 47	0 27	4 16
M30	3 46	9 48	0 44	13 16	2 50	22 57	5 19	18 14	1 7	13 17	0 41	7 47	2 15	23 30	0 10	6 43	1 41	2 41	15 7	13 18	13 47	21 45	0 28	4 16
T 31	4n 9	15s39	0s32	13n36	2n58	23n11	5n24	18s 3	1s 8	13s13	0s42	7n50	2s15	23n30	0n10	6s42	1n41	2n42	15s 7	13n18	13n46	21s43	0n30	4n16

Julian Day Number = 2493972.5, Delta T = 101.20 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'48, Lahiri = 25°28'48

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ASTRODIENST EPHEMERIS for the year 2116
geocentric

APRIL 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 38 16	11♈28'22	24♏32	28♈42	21♉29	13♒34	27♒ 1	25♈48	24♊45	21°R10	18♉14	5♉21	6♉42	13♒23	21♓25	W 1
T 2	12 42 13	12°27'37	7♐33	29° 3	21°59	14°18	27°13	25°56	24°47	21♎ 9	18°16	5°22	6°39	13°30	21°29	T 2
F 3	12 46 9	13°26'50	20°13	29°17	22°27	15° 3	27°25	26° 3	24°48	21° 7	18°17	5°24	6°36	13°37	21°32	F 3
S 4	12 50 6	14°26'01	2♑34	29°R23	22°54	15°47	27°37	26°11	24°50	21° 5	18°18	5°25	6°33	13°44	21°36	S 4
S 5	12 54 2	15°25'11	14°41	29°23	23°19	16°32	27°49	26°18	24°52	21° 4	18°19	5°R26	6°30	13°50	21°39	S 5
M 6	12 57 59	16°24'19	26°39	29°16	23°42	17°16	28° 1	26°26	24°54	21° 2	18°20	5°25	6°27	13°57	21°43	M 6
T 7	13 1 55	17°23'25	8♒31	29° 2	24° 3	18° 0	28°13	26°33	24°55	21° 1	18°21	5°24	6°23	14° 4	21°46	T 7
W 8	13 5 52	18°22'29	20°24	28°41	24°23	18°45	28°24	26°41	24°57	20°59	18°23	5°22	6°20	14°10	21°50	W 8
T 9	13 9 48	19°21'32	2♓19	28°16	24°41	19°29	28°36	26°49	24°59	20°57	18°24	5°20	6°17	14°17	21°53	T 9
F 10	13 13 45	20°20'32	14°23	27°45	24°56	20°14	28°47	26°56	25° 1	20°56	18°25	5°17	6°14	14°24	21°57	F 10
S 11	13 17 42	21°19'31	26°35	27°10	25°10	20°58	28°59	27° 4	25° 3	20°54	18°26	5°15	6°11	14°31	22° 0	S 11
S 12	13 21 38	22°18'28	9♈ 0	26°31	25°22	21°43	29°10	27°11	25° 5	20°52	18°27	5°13	6° 7	14°37	22° 3	S 12
M13	13 25 35	23°17'23	21°38	25°49	25°31	22°27	29°21	27°19	25° 7	20°51	18°29	5°12	6° 4	14°44	22° 7	M13
T 14	13 29 31	24°16'15	4♉30	25° 6	25°38	23°12	29°32	27°27	25° 9	20°49	18°30	5°D12	6° 1	14°51	22°10	T 14
W15	13 33 28	25°15'06	17°35	24°21	25°43	23°56	29°43	27°34	25°11	20°47	18°31	5°12	5°58	14°57	22°13	W15
T 16	13 37 24	26°13'55	0♊54	23°36	25°46	24°40	29°54	27°42	25°13	20°46	18°32	5°13	5°55	15° 4	22°17	T 16
F 17	13 41 21	27°12'42	14°26	22°52	25°R46	25°25	0♓ 5	27°50	25°16	20°44	18°34	5°14	5°52	15°11	22°20	F 17
S 18	13 45 17	28°11'26	28°10	22° 9	25°44	26° 9	0°15	27°57	25°18	20°42	18°35	5°14	5°48	15°18	22°23	S 18
S 19	13 49 14	29°10'09	12♋ 5	21°28	25°39	26°54	0°26	28° 5	25°20	20°41	18°36	5°15	5°45	15°24	22°26	S 19
M20	13 53 11	0♉ 8'49	26° 9	20°50	25°32	27°38	0°36	28°12	25°23	20°39	18°38	5°R15	5°42	15°31	22°29	M20
T 21	13 57 7	1° 7'27	10♌22	20°15	25°22	28°23	0°47	28°20	25°25	20°38	18°39	5°15	5°39	15°38	22°33	T 21
W22	14 1 4	2° 6'02	24°40	19°44	25°10	29° 7	0°57	28°28	25°27	20°36	18°40	5°15	5°36	15°45	22°36	W22
T 23	14 5 0	3° 4'35	9♍ 1	19°17	24°55	29°52	1° 7	28°35	25°30	20°34	18°41	5°15	5°33	15°51	22°39	T 23
F 24	14 8 57	4° 3'06	23°21	18°55	24°38	0♓36	1°17	28°43	25°32	20°33	18°43	5°14	5°29	15°58	22°42	F 24
S 25	14 12 53	5° 1'35	7♎35	18°37	24°19	1°21	1°27	28°50	25°35	20°31	18°44	5°D14	5°26	16° 5	22°45	S 25
S 26	14 16 50	6° 0'02	21°41	18°24	23°57	2° 5	1°37	28°58	25°37	20°30	18°45	5°14	5°23	16°11	22°48	S 26
M27	14 20 46	6°58'27	5♏33	18°17	23°33	2°50	1°47	29° 6	25°40	20°28	18°47	5°R14	5°20	16°18	22°51	M27
T 28	14 24 43	7°56'50	19° 8	18°D14	23° 7	3°34	1°56	29°13	25°43	20°26	18°48	5°14	5°17	16°25	22°54	T 28
W29	14 28 40	8°55'12	2♐25	18°16	22°39	4°19	2° 6	29°21	25°45	20°25	18°49	5°14	5°13	16°32	22°56	W29
T 30	14 32 36	9♉53'31	15♐23	18♈23	22♉ 9	5♓ 3	2♓15	29♈28	25♊48	20♎23	18♉51	5♉14	5♉10	16♒38	22♓59	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n32	20s34	1s44	13n52	3n 4	23n25	5n29	17s51	1s 9	13s 9	0s42	7n52	2s15	23n30	0n10	6s42	1n41	2n42	15s 6	13n18	13n45	21s41	0n31	4n16
T 2	4 55	24 19	2 48	14 4	3 9	23 38	5 34	17 39	1 10	13 5	0 42	7 55	2 15	23 30	0 10	6 41	1 41	2 43	15 6	13 18	13 44	21 39	0 33	4 16
F 3	5 18	26 46	3 42	14 13	3 13	23 50	5 39	17 27	1 11	13 1	0 42	7 58	2 15	23 30	0 10	6 40	1 41	2 43	15 6	13 19	13 43	21 37	0 34	4 16
S 4	5 41	27 49	4 25	14 18	3 15	24 1	5 44	17 14	1 12	12 57	0 42	8 1	2 15	23 30	0 10	6 40	1 41	2 44	15 6	13 19	13 42	21 35	0 35	4 16
S 5	6 4	27 30	4 55	14 18	3 16	24 12	5 48	17 2	1 13	12 53	0 42	8 3	2 15	23 30	0 10	6 39	1 41	2 44	15 6	13 19	13 41	21 33	0 37	4 16
M 6	6 27	25 54	5 11	14 15	3 16	24 22	5 53	16 49	1 14	12 49	0 43	8 6	2 15	23 30	0 10	6 39	1 41	2 45	15 5	13 19	13 40	21 31	0 38	4 16
T 7	6 49	23 11	5 15	14 8	3 13	24 32	5 57	16 36	1 14	12 46	0 43	8 9	2 14	23 30	0 10	6 38	1 41	2 45	15 5	13 19	13 39	21 29	0 40	4 16
W 8	7 12	19 29	5 4	13 57	3 10	24 41	6 1	16 23	1 15	12 42	0 43	8 12	2 14	23 30	0 10	6 37	1 41	2 46	15 5	13 18	13 38	21 26	0 41	4 16
T 9	7 34	15 0	4 41	13 43	3 4	24 48	6 4	16 10	1 16	12 38	0 43	8 14	2 14	23 30	0 10	6 37	1 41	2 46	15 5	13 17	13 36	21 24	0 42	4 16
F 10	7 57	9 55	4 5	13 26	2 57	24 56	6 7	15 57	1 17	12 34	0 43	8 17	2 14	23 30	0 10	6 36	1 41	2 47	15 5	13 17	13 35	21 22	0 44	4 16
S 11	8 19	4 22	3 17	13 5	2 49	25 2	6 10	15 44	1 18	12 30	0 44	8 20	2 14	23 30	0 10	6 35	1 41	2 47	15 4	13 16	13 34	21 20	0 45	4 16
S 12	8 41	1n25	2 20	12 42	2 39	25 7	6 13	15 30	1 19	12 26	0 44	8 23	2 14	23 30	0 10	6 35	1 41	2 48	15 4	13 15	13 33	21 18	0 47	4 16
M13	9 3	7 17	1 14	12 16	2 28	25 12	6 15	15 17	1 20	12 23	0 44	8 25	2 14	23 31	0 10	6 34	1 41	2 48	15 4	13 15	13 32	21 16	0 48	4 16
T 14	9 24	12 57	0 4	11 48	2 15	25 16	6 17	15 3	1 20	12 19	0 44	8 28	2 14	23 31	0 10	6 34	1 41	2 48	15 4	13 15	13 31	21 14	0 49	4 16
W15	9 46	18 9	1n 8	11 19	2 1	25 18	6 19	14 49	1 21	12 15	0 44	8 31	2 14	23 31	0 10	6 33	1 41	2 49	15 4	13 15	13 30	21 12	0 51	4 16
T 16	10 7	22 34	2 18	10 49	1 47	25 20	6 20	14 35	1 22	12 12	0 44	8 34	2 14	23 31	0 10	6 32	1 41	2 49	15 4	13 15	13 29	21 9	0 52	4 16
F 17	10 28	25 50	3 20	10 18	1 31	25 21	6 21	14 21	1 23	12 8	0 45	8 36	2 14	23 31	0 10	6 32	1 41	2 50	15 4	13 15	13 28	21 7	0 53	4 16
S 18	10 50	27 38	4 13	9 47	1 15	25 21	6 21	14 6	1 24	12 4	0 45	8 39	2 14	23 31	0 10	6 31	1 41	2 50	15 3	13 16	13 27	21 5	0 55	4 17
S 19	11 10	27 43	4 51	9 16	0 58	25 19	6 21	13 52	1 25	12 1	0 45	8 42	2 14	23 31	0 10	6 31	1 41	2 51	15 3	13 16	13 26	21 3	0 56	4 17
M20	11 31	26 1	5 13	8 46	0 42	25 17	6 20	13 37	1 26	11 57	0 45	8 44	2 14	23 31	0 10	6 30	1 41	2 51	15 3	13 16	13 25	21 1	0 57	4 17
T 21	11 52	22 41	5 15	8 17	0 25	25 13	6 19	13 23	1 26	11 54	0 45	8 47	2 14	23 31	0 10	6 29	1 41	2 52	15 3	13 16	13 24	20 59	0 59	4 17
W22	12 12	17 59	4 59	7 50	0 8	25 8	6 17	13 8	1 27	11 50	0 46	8 50	2 14	23 31	0 10	6 29	1 41	2 52	15 3	13 16	13 23	20 56	1 0	4 17
T 23	12 32	12 15	4 24	7 25	0s 9	25 2	6 15	12 53	1 28	11 47	0 46	8 52	2 14	23 31	0 10	6 28	1 41	2 53	15 3	13 16	13 22	20 54	1 1	4 17
F 24	12 52	5 53	3 32	7 1	0 25	24 55	6 12	12 38	1 29	11 44	0 46	8 55	2 14	23 31	0 10	6 28	1 41	2 53	15 3	13 16	13 21	20 52	1 2	4 17
S 25	13 11	0s45	2 27	6 40	0 40	24 47	6 8	12 23	1 30	11 40	0 46	8 58	2 14	23 32	0 10	6 27	1 41	2 53	15 3	13 16	13 20	20 50	1 4	4 17
S 26	13 31	7 18	1 14	6 21	0 55	24 37	6 3	12 8	1 31	11 37	0 46	9 1	2 14	23 32	0 10	6 26	1 41	2 54	15 3	13 16	13 19	20 48	1 5	4 17
M27	13 50	13 23	0s 2	6 5	1 10	24 26	5 58	11 53	1 31	11 34	0 47	9 3	2 14	23 32	0 10	6 26	1 41	2 54	15 2	13 16	13 17	20 45	1 6	4 17
T 28	14 9	18 43	1 16	5 51	1 24	24 13	5 53	11 37	1 32	11 31	0 47	9 6	2 14	23 32	0 10	6 25	1 41	2 55	15 2	13 16	13 16	20 43	1 7	4 17
W29	14 28	23 0	2 25	5 40	1 37	24 0	5 46	11 22	1 33	11 27	0 47	9 8	2 14	23 32	0 10	6 25	1 41	2 55	15 2	13 16	13 15	20 41	1 9	4 18
T 30	14n46	26s 1	3s24	5n32	1s49	23n45	5n39	11s 6	1s34	11s24	0s47	9n11	2s14	23n32	0n10	6s24	1n41	2n56	15s 2	13n15	13n14	20s39	1n10	4n18

Julian Day Number = 2494003.5, Delta T = 101.24 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'52, Lahiri = 25°28'53

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ASTRODIENST EPHEMERIS for the year 2116
geocentric

MAY 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 36 33	10♉51'49	28♐ 2	18♈35	21°R38	5♓48	2♓24	29♈36	25♊51	20°R22	18♉52	5°R13	5♉ 7	16♒45	23♓ 2	F 1
S 2	14 40 29	11°50'06	10♑25	18°52	21♉ 4	6°32	2°33	29°43	25°53	20♎20	18°53	5♉12	5° 4	16°52	23° 5	S 2
S 3	14 44 26	12°48'21	22°34	19°13	20°30	7°16	2°42	29°51	25°56	20°19	18°55	5°12	5° 1	16°58	23° 7	S 3
M 4	14 48 22	13°46'34	4♒34	19°39	19°54	8° 1	2°51	29°58	25°59	20°17	18°56	5°11	4°58	17° 5	23°10	M 4
T 5	14 52 19	14°44'46	16°28	20° 9	19°18	8°45	3° 0	0♉ 6	26° 2	20°16	18°57	5°D11	4°54	17°12	23°13	T 5
W 6	14 56 15	15°42'57	28°21	20°42	18°41	9°30	3° 8	0°13	26° 5	20°14	18°59	5°11	4°51	17°19	23°15	W 6
T 7	15 0 12	16°41'06	10♓18	21°20	18° 3	10°14	3°17	0°21	26° 8	20°13	19° 0	5°12	4°48	17°25	23°18	T 7
F 8	15 4 9	17°39'13	22°23	22° 2	17°25	10°59	3°25	0°28	26°11	20°12	19° 2	5°13	4°45	17°32	23°20	F 8
S 9	15 8 5	18°37'19	4♈41	22°47	16°48	11°43	3°33	0°36	26°14	20°10	19° 3	5°14	4°42	17°39	23°23	S 9
S 10	15 12 2	19°35'24	17°14	23°36	16°10	12°27	3°41	0°43	26°17	20° 9	19° 4	5°15	4°38	17°46	23°25	S 10
M11	15 15 58	20°33'27	0♉ 4	24°28	15°33	13°12	3°49	0°50	26°20	20° 7	19° 6	5°R16	4°35	17°52	23°28	M11
T 12	15 19 55	21°31'28	13°14	25°24	14°57	13°56	3°57	0°58	26°23	20° 6	19° 7	5°16	4°32	17°59	23°30	T 12
W13	15 23 51	22°29'28	26°42	26°22	14°22	14°40	4° 5	1° 5	26°26	20° 5	19° 8	5°15	4°29	18° 6	23°32	W13
T 14	15 27 48	23°27'27	10♊27	27°24	13°49	15°25	4°12	1°12	26°29	20° 3	19°10	5°13	4°26	18°12	23°35	T 14
F 15	15 31 44	24°25'24	24°26	28°28	13°16	16° 9	4°19	1°20	26°32	20° 2	19°11	5°11	4°23	18°19	23°37	F 15
S 16	15 35 41	25°23'19	8♋36	29°35	12°45	16°53	4°27	1°27	26°35	20° 1	19°12	5° 8	4°19	18°26	23°39	S 16
S 17	15 39 38	26°21'13	22°52	0♌45	12°16	17°37	4°34	1°34	26°39	20° 0	19°14	5° 5	4°16	18°33	23°41	S 17
M18	15 43 34	27°19'05	7♌10	1°58	11°49	18°21	4°41	1°41	26°42	19°58	19°15	5° 4	4°13	18°39	23°43	M18
T 19	15 47 31	28°16'55	21°26	3°13	11°24	19° 6	4°47	1°48	26°45	19°57	19°16	5° 2	4°10	18°46	23°45	T 19
W20	15 51 27	29°14'43	5♍38	4°31	11° 1	19°50	4°54	1°55	26°48	19°56	19°18	5°D 2	4° 7	18°53	23°47	W20
T 21	15 55 24	0♊12'30	19°44	5°51	10°40	20°34	5° 0	2° 2	26°51	19°55	19°19	5° 3	4° 4	18°59	23°49	T 21
F 22	15 59 20	1°10'14	3♎42	7°14	10°22	21°18	5° 7	2° 9	26°55	19°54	19°20	5° 5	4° 0	19° 6	23°51	F 22
S 23	16 3 17	2° 7'57	17°30	8°39	10° 5	22° 2	5°13	2°16	26°58	19°52	19°22	5° 6	3°57	19°13	23°53	S 23
S 24	16 7 13	3° 5'39	1♏ 8	10° 7	9°52	22°46	5°19	2°23	27° 1	19°51	19°23	5°R 7	3°54	19°20	23°55	S 24
M25	16 11 10	4° 3'19	14°34	11°37	9°40	23°30	5°24	2°30	27° 5	19°50	19°24	5° 7	3°51	19°26	23°57	M25
T 26	16 15 7	5° 0'58	27°47	13° 9	9°31	24°14	5°30	2°37	27° 8	19°49	19°26	5° 5	3°48	19°33	23°58	T 26
W27	16 19 3	5°58'36	10♐47	14°44	9°25	24°58	5°36	2°44	27°12	19°48	19°27	5° 2	3°44	19°40	24° 0	W27
T 28	16 23 0	6°56'12	23°33	16°21	9°21	25°41	5°41	2°51	27°15	19°47	19°28	4°57	3°41	19°46	24° 2	T 28
F 29	16 26 56	7°53'48	6♑ 5	18° 0	9°D19	26°25	5°46	2°57	27°18	19°46	19°30	4°52	3°38	19°53	24° 3	F 29
S 30	16 30 53	8°51'22	18°24	19°42	9°19	27° 9	5°51	3° 4	27°22	19°45	19°31	4°46	3°35	20° 0	24° 5	S 30
S 31	16 34 49	9♊48'55	0♒31	21♉26	9♉22	27♓53	5♓56	3♉11	27♊25	19♎44	19♉32	4♉41	3♉32	20♒ 7	24♓ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 5	27s37	4s12	5n26	2s 0	23n29	5n31	10s51	1s35	11s21	0s47	9n14	2s14	23n32	0n10	6s24	1n41	2n56	15s 2	13n15	13n13	20s36	1n11	4n18
S 2	15 23	27 48	4 47	5 22	2 11	23 12	5 23	10 35	1 35	11 18	0 48	9 16	2 14	23 32	0 10	6 23	1 41	2 56	15 2	13 15	13 12	20 34	1 12	4 18
S 3	15 40	26 37	5 9	5 21	2 20	22 54	5 13	10 19	1 36	11 15	0 48	9 19	2 14	23 32	0 10	6 22	1 41	2 57	15 2	13 15	13 11	20 32	1 13	4 18
M 4	15 58	24 14	5 16	5 23	2 29	22 34	5 3	10 4	1 37	11 12	0 48	9 21	2 14	23 32	0 10	6 22	1 41	2 57	15 2	13 15	13 10	20 30	1 15	4 18
T 5	16 15	20 49	5 10	5 27	2 37	22 14	4 53	9 48	1 38	11 9	0 48	9 24	2 15	23 32	0 10	6 21	1 41	2 58	15 2	13 15	13 9	20 27	1 16	4 18
W 6	16 32	16 35	4 51	5 33	2 44	21 53	4 42	9 32	1 39	11 6	0 49	9 27	2 15	23 33	0 10	6 21	1 41	2 58	15 2	13 15	13 8	20 25	1 17	4 18
T 7	16 49	11 42	4 19	5 41	2 50	21 31	4 30	9 16	1 39	11 3	0 49	9 29	2 15	23 33	0 10	6 20	1 41	2 58	15 2	13 15	13 7	20 23	1 18	4 19
F 8	17 5	6 19	3 35	5 51	2 56	21 8	4 18	8 59	1 40	11 1	0 49	9 32	2 15	23 33	0 10	6 20	1 41	2 59	15 2	13 15	13 6	20 21	1 19	4 19
S 9	17 21	0 36	2 41	6 4	3 1	20 45	4 5	8 43	1 41	10 58	0 49	9 34	2 15	23 33	0 10	6 19	1 41	2 59	15 2	13 16	13 5	20 18	1 20	4 19
S 10	17 37	5n15	1 38	6 18	3 5	20 22	3 52	8 27	1 42	10 55	0 49	9 37	2 15	23 33	0 10	6 19	1 41	2 59	15 2	13 16	13 4	20 16	1 21	4 19
M11	17 53	11 3	0 29	6 34	3 8	19 58	3 38	8 11	1 42	10 52	0 50	9 39	2 15	23 33	0 10	6 18	1 41	3 0	15 2	13 16	13 3	20 14	1 22	4 19
T 12	18 8	16 30	0n44	6 52	3 10	19 34	3 25	7 54	1 43	10 50	0 50	9 42	2 15	23 33	0 10	6 18	1 41	3 0	15 2	13 16	13 2	20 11	1 23	4 19
W13	18 23	21 17	1 56	7 11	3 12	19 10	3 11	7 38	1 44	10 47	0 50	9 44	2 15	23 33	0 10	6 17	1 41	3 0	15 2	13 16	13 0	20 9	1 24	4 19
T 14	18 38	25 0	3 2	7 32	3 13	18 47	2 56	7 21	1 45	10 45	0 50	9 46	2 15	23 33	0 10	6 17	1 41	3 1	15 2	13 15	12 59	20 7	1 25	4 20
F 15	18 52	27 17	3 59	7 55	3 13	18 23	2 42	7 5	1 45	10 42	0 51	9 49	2 15	23 33	0 10	6 16	1 41	3 1	15 2	13 14	12 58	20 5	1 27	4 20
S 16	19 6	27 50	4 41	8 19	3 13	18 0	2 28	6 48	1 46	10 40	0 51	9 51	2 15	23 33	0 10	6 16	1 41	3 1	15 2	13 14	12 57	20 2	1 28	4 20
S 17	19 20	26 32	5 7	8 44	3 12	17 37	2 13	6 32	1 47	10 38	0 51	9 54	2 15	23 33	0 10	6 15	1 41	3 2	15 2	13 13	12 56	20 0	1 28	4 20
M18	19 33	23 32	5 14	9 10	3 10	17 15	1 59	6 15	1 48	10 35	0 51	9 56	2 15	23 34	0 10	6 15	1 41	3 2	15 2	13 12	12 55	19 58	1 29	4 20
T 19	19 46	19 6	5 2	9 38	3 8	16 54	1 44	5 59	1 48	10 33	0 52	9 58	2 15	23 34	0 10	6 15	1 41	3 2	15 2	13 12	12 54	19 55	1 30	4 20
W20	19 59	13 38	4 31	10 7	3 5	16 33	1 30	5 42	1 49	10 31	0 52	10 1	2 16	23 34	0 10	6 14	1 41	3 3	15 2	13 12	12 53	19 53	1 31	4 20
T 21	20 11	7 30	3 44	10 37	3 1	16 13	1 16	5 25	1 50	10 29	0 52	10 3	2 16	23 34	0 10	6 14	1 41	3 3	15 2	13 12	12 52	19 51	1 32	4 21
F 22	20 23	1 2	2 44	11 8	2 57	15 54	1 2	5 8	1 50	10 27	0 52	10 5	2 16	23 34	0 10	6 13	1 40	3 3	15 2	13 12	12 51	19 48	1 33	4 21
S 23	20 35	5s24	1 35	11 39	2 53	15 36	0 49	4 52	1 51	10 25	0 53	10 8	2 16	23 34	0 10	6 13	1 40	3 4	15 2	13 13	12 50	19 46	1 34	4 21
S 24	20 46	11 31	0 22	12 12	2 47	15 20	0 36	4 35	1 52	10 23	0 53	10 10	2 16	23 34	0 10	6 13	1 40	3 4	15 2	13 13	12 49	19 43	1 35	4 21
M25	20 57	17 1	0s52	12 45	2 41	15 4	0 23	4 18	1 53	10 21	0 53	10 12	2 16	23 34	0 10	6 12	1 40	3 4	15 2	13 13	12 48	19 41	1 36	4 21
T 26	21 7	21 37	2 1	13 19	2 35	14 49	0 10	4 1	1 53	10 19	0 53	10 15	2 16	23 34	0 10	6 12	1 40	3 5	15 2	13 13	12 47	19 39	1 37	4 21
W27	21 18	25 4	3 3	13 53	2 28	14 35	0s 2	3 45	1 54	10 17	0 54	10 17	2 16	23 34	0 11	6 12	1 40	3 5	15 2	13 11	12 45	19 36	1 37	4 22
T 28	21 27	27 10	3 54	14 28	2 21	14 22	0 14	3 28	1 54	10 15	0 54	10 19	2 16	23 34	0 11	6 11	1 40	3 5	15 2	13 10	12 44	19 34	1 38	4 22
F 29	21 37	27 50	4 33	15 3	2 13	14 11	0 26	3 11	1 55	10 14	0 54	10 21	2 16	23 34	0 11	6 11	1 40	3 5	15 2	13 8	12 43	19 32	1 39	4 22
S 30	21 46	27 5	4 58	15 39	2 5	14 1	0 37	2 54	1 56	10 12	0 54	10 23	2 17	23 35	0 11	6 11	1 40	3 6	15 2	13 6	12 42	19 29	1 40	4 22
S 31	21n55	25s 4	5s10	16n14	1s56	13n51	0s48	2s37	1s56	10s11	0s55	10n25	2s17	23n35	0n11	6s10	1n40	3n 6	15s 2	13n 4	12n41	19s27	1n40	4n22

Julian Day Number = 2494033.5, Delta T = 101.29 sec
Ecliptic obliquity = 23°25'34, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'56, Lahiri = 25°28'57

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ASTRODIENST EPHEMERIS for the year 2116
geocentric

JUNE 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 38 46	10♊46'28	12♒30	23♉12	9♉28	28♓36	6♓ 0	3♉17	27♊29	19°R43	19♉34	4°R36	3♉29	20♒13	24♓ 8	M 1
T 2	16 42 42	11°43'59	24°24	25° 1	9°35	29°20	6° 5	3°24	27°32	19♎42	19°35	4♉33	3°25	20°20	24° 9	T 2
W 3	16 46 39	12°41'30	6♓16	26°52	9°45	0♈ 4	6° 9	3°30	27°36	19°42	19°36	4°31	3°22	20°27	24°10	W 3
T 4	16 50 36	13°39'00	18°12	28°45	9°56	0°47	6°13	3°37	27°39	19°41	19°37	4°D31	3°19	20°33	24°12	T 4
F 5	16 54 32	14°36'29	0♈17	0♊40	10°10	1°31	6°17	3°43	27°43	19°40	19°39	4°32	3°16	20°40	24°13	F 5
S 6	16 58 29	15°33'57	12°35	2°38	10°26	2°14	6°21	3°50	27°46	19°39	19°40	4°34	3°13	20°47	24°14	S 6
S 7	17 2 25	16°31'24	25°11	4°38	10°44	2°58	6°25	3°56	27°50	19°38	19°41	4°35	3°10	20°54	24°15	S 7
M 8	17 6 22	17°28'51	8♉ 8	6°39	11° 3	3°41	6°28	4° 2	27°53	19°38	19°42	4°R35	3° 6	21° 0	24°16	M 8
T 9	17 10 18	18°26'18	21°29	8°43	11°24	4°24	6°31	4° 9	27°57	19°37	19°44	4°34	3° 3	21° 7	24°17	T 9
W10	17 14 15	19°23'43	5♊14	10°48	11°47	5° 7	6°34	4°15	28° 0	19°36	19°45	4°31	3° 0	21°14	24°18	W10
T 11	17 18 11	20°21'08	19°22	12°55	12°12	5°51	6°37	4°21	28° 4	19°36	19°46	4°26	2°57	21°21	24°19	T 11
F 12	17 22 8	21°18'32	3♋47	15° 4	12°39	6°34	6°40	4°27	28° 7	19°35	19°47	4°19	2°54	21°27	24°20	F 12
S 13	17 26 5	22°15'56	18°24	17°14	13° 6	7°17	6°42	4°33	28°11	19°35	19°48	4°12	2°50	21°34	24°21	S 13
S 14	17 30 1	23°13'18	3♌ 6	19°24	13°36	8° 0	6°45	4°39	28°14	19°34	19°50	4° 5	2°47	21°41	24°21	S 14
M15	17 33 58	24°10'39	17°45	21°36	14° 7	8°43	6°47	4°45	28°18	19°34	19°51	3°59	2°44	21°47	24°22	M15
T 16	17 37 54	25° 8'00	2♍16	23°47	14°39	9°25	6°49	4°50	28°22	19°33	19°52	3°55	2°41	21°54	24°23	T 16
W17	17 41 51	26° 5'19	16°33	25°59	15°12	10° 8	6°50	4°56	28°25	19°33	19°53	3°53	2°38	22° 1	24°23	W17
T 18	17 45 47	27° 2'38	0♎35	28°11	15°47	10°51	6°52	5° 2	28°29	19°32	19°54	3°D52	2°35	22° 8	24°24	T 18
F 19	17 49 44	27°59'55	14°21	0♏23	16°23	11°33	6°53	5° 8	28°32	19°32	19°55	3°53	2°31	22°14	24°24	F 19
S 20	17 53 40	28°57'12	27°51	2°34	17° 0	12°16	6°55	5°13	28°36	19°32	19°56	3°R54	2°28	22°21	24°25	S 20
S 21	17 57 37	29°54'28	11♏ 8	4°44	17°39	12°58	6°55	5°19	28°39	19°31	19°57	3°54	2°25	22°28	24°25	S 21
M22	18 1 34	0♋51'43	24°12	6°53	18°18	13°41	6°56	5°24	28°43	19°31	19°58	3°52	2°22	22°34	24°25	M22
T 23	18 5 30	1°48'58	7♐ 4	9° 0	18°59	14°23	6°57	5°29	28°47	19°31	20° 0	3°48	2°19	22°41	24°26	T 23
W24	18 9 27	2°46'12	19°45	11° 7	19°40	15° 5	6°57	5°35	28°50	19°30	20° 1	3°41	2°16	22°48	24°26	W24
T 25	18 13 23	3°43'26	2♑15	13°11	20°23	15°47	6°57	5°40	28°54	19°30	20° 2	3°32	2°12	22°55	24°26	T 25
F 26	18 17 20	4°40'39	14°35	15°14	21° 6	16°29	6°R57	5°45	28°57	19°30	20° 3	3°21	2° 9	23° 1	24°26	F 26
S 27	18 21 16	5°37'52	26°46	17°15	21°50	17°11	6°57	5°50	29° 1	19°30	20° 4	3°10	2° 6	23° 8	24°R26	S 27
S 28	18 25 13	6°35'05	8♒48	19°14	22°36	17°53	6°57	5°55	29° 5	19°30	20° 5	2°59	2° 3	23°15	24°26	S 28
M29	18 29 10	7°32'17	20°44	21°11	23°22	18°35	6°56	6° 0	29° 8	19°30	20° 6	2°50	2° 0	23°21	24°26	M29
T 30	18 33 6	8♋29'30	2♓36	23♋ 6	24♉ 9	19♈17	6♓56	6♉ 5	29♊12	19♎30	20♉ 7	2♉42	1♉56	23♒28	24♓26	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 3	21s58	5s 8	16n50	1s47	13n43	0s58	2s21	1s57	10s 9	0s55	10n28	2s17	23n35	0n11	6s10	1n40	3n 6	15s 2	13n 3	12n40	19s24	1n41	4n22
T 2	22 11	17 59	4 52	17 26	1 38	13 36	1 8	2 4	1 58	10 8	0 55	10 30	2 17	23 35	0 11	6 10	1 40	3 6	15 3	13 2	12 39	19 22	1 42	4 23
W 3	22 18	13 18	4 25	18 1	1 28	13 30	1 18	1 47	1 58	10 6	0 55	10 32	2 17	23 35	0 11	6 9	1 40	3 7	15 3	13 1	12 38	19 20	1 43	4 23
T 4	22 26	8 7	3 45	18 36	1 18	13 25	1 27	1 30	1 59	10 5	0 56	10 34	2 17	23 35	0 11	6 9	1 40	3 7	15 3	13 1	12 37	19 17	1 43	4 23
F 5	22 32	2 34	2 55	19 11	1 7	13 21	1 36	1 14	1 59	10 4	0 56	10 36	2 17	23 35	0 11	6 9	1 40	3 7	15 3	13 2	12 36	19 15	1 44	4 23
S 6	22 39	3n11	1 57	19 45	0 57	13 18	1 44	0 57	2 0	10 3	0 56	10 38	2 18	23 35	0 11	6 9	1 40	3 7	15 3	13 2	12 35	19 12	1 45	4 23
S 7	22 45	8 57	0 51	20 18	0 46	13 16	1 52	0 40	2 1	10 2	0 57	10 40	2 18	23 35	0 11	6 8	1 40	3 7	15 3	13 3	12 34	19 10	1 45	4 24
M 8	22 50	14 31	0n19	20 50	0 35	13 14	2 0	0 23	2 1	10 1	0 57	10 42	2 18	23 35	0 11	6 8	1 40	3 8	15 3	13 3	12 32	19 7	1 46	4 24
T 9	22 55	19 34	1 30	21 21	0 24	13 14	2 7	0 7	2 2	10 0	0 57	10 44	2 18	23 35	0 11	6 8	1 40	3 8	15 3	13 2	12 31	19 5	1 46	4 24
W10	23 0	23 45	2 38	21 50	0 13	13 14	2 14	0n10	2 2	9 59	0 57	10 46	2 18	23 35	0 11	6 8	1 40	3 8	15 3	13 1	12 30	19 2	1 47	4 24
T 11	23 5	26 37	3 38	22 18	0 2	13 16	2 21	0 26	2 3	9 58	0 58	10 47	2 18	23 35	0 11	6 7	1 40	3 8	15 4	12 59	12 29	19 0	1 47	4 24
F 12	23 8	27 47	4 25	22 44	0n 8	13 17	2 27	0 43	2 3	9 57	0 58	10 49	2 18	23 35	0 11	6 7	1 40	3 8	15 4	12 57	12 28	18 58	1 48	4 24
S 13	23 12	27 2	4 55	23 7	0 19	13 20	2 33	1 0	2 4	9 57	0 58	10 51	2 19	23 35	0 11	6 7	1 40	3 8	15 4	12 55	12 27	18 55	1 48	4 25
S 14	23 15	24 25	5 7	23 29	0 29	13 24	2 38	1 16	2 4	9 56	0 58	10 53	2 19	23 35	0 11	6 7	1 40	3 9	15 4	12 52	12 26	18 53	1 49	4 25
M15	23 18	20 14	4 58	23 48	0 39	13 28	2 44	1 32	2 5	9 56	0 59	10 55	2 19	23 36	0 11	6 7	1 40	3 9	15 4	12 50	12 25	18 50	1 49	4 25
T 16	23 20	14 52	4 30	24 5	0 49	13 32	2 49	1 49	2 5	9 55	0 59	10 57	2 19	23 36	0 11	6 7	1 39	3 9	15 4	12 49	12 24	18 48	1 50	4 25
W17	23 22	8 47	3 46	24 19	0 58	13 37	2 53	2 5	2 6	9 55	0 59	10 58	2 19	23 36	0 11	6 7	1 39	3 9	15 4	12 48	12 23	18 45	1 50	4 25
T 18	23 24	2 21	2 49	24 31	1 6	13 43	2 58	2 21	2 6	9 54	1 0	11 0	2 19	23 36	0 11	6 6	1 39	3 9	15 5	12 48	12 22	18 43	1 50	4 26
F 19	23 25	4s 4	1 43	24 40	1 14	13 49	3 2	2 38	2 7	9 54	1 0	11 2	2 20	23 36	0 11	6 6	1 39	3 9	15 5	12 48	12 21	18 40	1 51	4 26
S 20	23 25	10 12	0 32	24 45	1 21	13 56	3 6	2 54	2 7	9 54	1 0	11 3	2 20	23 36	0 11	6 6	1 39	3 9	15 5	12 49	12 19	18 38	1 51	4 26
S 21	23 26	15 46	0s39	24 48	1 28	14 3	3 9	3 10	2 7	9 54	1 0	11 5	2 20	23 36	0 11	6 6	1 39	3 9	15 5	12 49	12 18	18 35	1 51	4 26
M22	23 25	20 32	1 46	24 49	1 34	14 11	3 12	3 26	2 8	9 54	1 1	11 7	2 20	23 36	0 11	6 6	1 39	3 10	15 5	12 48	12 17	18 33	1 52	4 26
T 23	23 25	24 14	2 48	24 46	1 39	14 19	3 15	3 42	2 8	9 54	1 1	11 8	2 20	23 36	0 11	6 6	1 39	3 10	15 5	12 47	12 16	18 30	1 52	4 27
W24	23 24	26 40	3 39	24 41	1 44	14 28	3 18	3 58	2 9	9 54	1 1	11 10	2 20	23 36	0 11	6 6	1 39	3 10	15 6	12 44	12 15	18 28	1 52	4 27
T 25	23 22	27 44	4 20	24 33	1 47	14 36	3 21	4 14	2 9	9 54	1 2	11 11	2 21	23 36	0 11	6 6	1 39	3 10	15 6	12 41	12 14	18 25	1 53	4 27
F 26	23 21	27 23	4 47	24 23	1 50	14 45	3 23	4 29	2 9	9 55	1 2	11 13	2 21	23 36	0 11	6 6	1 39	3 10	15 6	12 38	12 13	18 23	1 53	4 27
S 27	23 18	25 43	5 1	24 11	1 53	14 55	3 25	4 45	2 10	9 55	1 2	11 14	2 21	23 36	0 11	6 6	1 39	3 10	15 6	12 34	12 12	18 20	1 53	4 27
S 28	23 16	22 53	5 1	23 56	1 54	15 4	3 27	5 1	2 10	9 55	1 2	11 16	2 21	23 36	0 11	6 6	1 39	3 10	15 6	12 30	12 11	18 17	1 53	4 27
M29	23 13	19 8	4 48	23 39	1 55	15 14	3 29	5 16	2 10	9 56	1 3	11 17	2 21	23 36	0 11	6 6	1 39	3 10	15 7	12 27	12 10	18 15	1 53	4 28
T 30	23n 9	14s38	4s23	23n20	1n55	15n24	3s30	5n32	2s11	9s56	1s 3	11n19	2s22	23n36	0n11	6s 6	1n39	3n10	15s 7	12n24	12n 9	18s12	1n53	4n28

Julian Day Number = 2494064.5, Delta T = 101.33 sec
Ecliptic obliquity = 23°25'34, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'01, Lahiri = 25°29'01

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ASTRODIENST EPHEMERIS for the year 2116
geocentric

JULY 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 37 3	9♋26'42	14♓27	24♋59	24♉56	19♈58	6°R55	6♉10	29♊15	19°D30	20♉ 8	2°R37	1♉53	23♒35	24°R26	W 1
T 2	18 40 59	10°23'55	26°21	26°50	25°45	20°40	6♓54	6°14	29°19	19♎30	20° 8	2♉34	1°50	23°42	24♓25	T 2
F 3	18 44 56	11°21'07	8♈24	28°39	26°34	21°21	6°52	6°19	29°22	19°30	20° 9	2°D33	1°47	23°48	24°25	F 3
S 4	18 48 52	12°18'20	20°39	0♌26	27°24	22° 2	6°51	6°24	29°26	19°30	20°10	2°33	1°44	23°55	24°25	S 4
S 5	18 52 49	13°15'33	3♉14	2°11	28°14	22°44	6°49	6°28	29°29	19°30	20°11	2°R33	1°41	24° 2	24°24	S 5
M 6	18 56 45	14°12'46	16°11	3°53	29° 6	23°25	6°47	6°32	29°33	19°30	20°12	2°32	1°37	24° 8	24°24	M 6
T 7	19 0 42	15° 9'59	29°35	5°34	29°57	24° 6	6°45	6°37	29°36	19°30	20°13	2°30	1°34	24°15	24°23	T 7
W 8	19 4 39	16° 7'13	13♊27	7°12	0♊50	24°46	6°43	6°41	29°40	19°31	20°14	2°25	1°31	24°22	24°23	W 8
T 9	19 8 35	17° 4'27	27°46	8°48	1°43	25°27	6°40	6°45	29°43	19°31	20°15	2°17	1°28	24°29	24°22	T 9
F 10	19 12 32	18° 1'41	12♋29	10°22	2°36	26° 8	6°38	6°49	29°47	19°31	20°15	2° 8	1°25	24°35	24°22	F 10
S 11	19 16 28	18°58'56	27°27	11°54	3°30	26°48	6°35	6°53	29°50	19°31	20°16	1°57	1°22	24°42	24°21	S 11
S 12	19 20 25	19°56'10	12♌32	13°24	4°25	27°29	6°32	6°57	29°53	19°32	20°17	1°47	1°18	24°49	24°20	S 12
M13	19 24 21	20°53'25	27°33	14°51	5°20	28° 9	6°28	7° 1	29°57	19°32	20°18	1°38	1°15	24°55	24°19	M13
T 14	19 28 18	21°50'39	12♍22	16°17	6°16	28°49	6°25	7° 5	0♋ 0	19°33	20°19	1°31	1°12	25° 2	24°18	T 14
W15	19 32 14	22°47'53	26°52	17°40	7°12	29°29	6°21	7° 8	0° 4	19°33	20°19	1°27	1° 9	25° 9	24°17	W15
T 16	19 36 11	23°45'07	10♎59	19° 1	8° 8	0♉ 8	6°18	7°12	0° 7	19°34	20°20	1°25	1° 6	25°16	24°16	T 16
F 17	19 40 8	24°42'21	24°45	20°19	9° 5	0°48	6°14	7°15	0°10	19°34	20°21	1°25	1° 2	25°22	24°15	F 17
S 18	19 44 4	25°39'36	8♏ 9	21°36	10° 3	1°28	6°10	7°19	0°14	19°35	20°21	1°25	0°59	25°29	24°14	S 18
S 19	19 48 1	26°36'50	21°14	22°49	11° 0	2° 7	6° 5	7°22	0°17	19°35	20°22	1°24	0°56	25°36	24°13	S 19
M20	19 51 57	27°34'05	4♐ 3	24° 1	11°58	2°46	6° 1	7°25	0°20	19°36	20°23	1°21	0°53	25°42	24°12	M20
T 21	19 55 54	28°31'20	16°39	25° 9	12°57	3°25	5°56	7°28	0°24	19°36	20°23	1°15	0°50	25°49	24°11	T 21
W22	19 59 50	29°28'35	29° 5	26°16	13°56	4° 4	5°52	7°31	0°27	19°37	20°24	1° 7	0°47	25°56	24° 9	W22
T 23	20 3 47	0♑25'50	11♑21	27°19	14°55	4°43	5°47	7°34	0°30	19°38	20°24	0°56	0°43	26° 2	24° 8	T 23
F 24	20 7 43	1°23'06	23°29	28°20	15°55	5°21	5°41	7°37	0°33	19°38	20°25	0°43	0°40	26° 9	24° 7	F 24
S 25	20 11 40	2°20'23	5♒31	29°17	16°55	6° 0	5°36	7°40	0°36	19°39	20°25	0°29	0°37	26°16	24° 5	S 25
S 26	20 15 37	3°17'39	17°28	0♍12	17°55	6°38	5°31	7°42	0°40	19°40	20°26	0°16	0°34	26°23	24° 4	S 26
M27	20 19 33	4°14'57	29°20	1° 3	18°56	7°16	5°25	7°45	0°43	19°41	20°26	0° 4	0°31	26°29	24° 2	M27
T 28	20 23 30	5°12'15	11♓11	1°52	19°57	7°54	5°20	7°47	0°46	19°42	20°27	29♈54	0°28	26°36	24° 1	T 28
W29	20 27 26	6° 9'34	23° 1	2°36	20°58	8°32	5°14	7°49	0°49	19°43	20°27	29°47	0°24	26°43	23°59	W29
T 30	20 31 23	7° 6'54	4♈56	3°18	22° 0	9° 9	5° 8	7°52	0°52	19°44	20°28	29°43	0°21	26°49	23°58	T 30
F 31	20 35 19	8♌ 4'15	16♈58	3♍55	23♊ 2	9♉47	5♓ 2	7♉54	0♋55	19♎44	20♉28	29♈41	0♉18	26♒56	23♓56	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 5	9s36	3s47	23n 0	1n54	15n34	3s31	5n47	2s11	9s57	1s 3	11n20	2s22	23n36	0n11	6s 6	1n39	3n10	15s 7	12n22	12n 7	18s10	1n53	4n28
T 2	23 1	4 12	3 0	22 38	1 53	15 45	3 32	6 2	2 11	9 58	1 4	11 21	2 22	23 36	0 11	6 6	1 39	3 10	15 7	12 21	12 6	18 7	1 54	4 28
F 3	22 56	1n25	2 5	22 14	1 51	15 55	3 33	6 17	2 12	9 58	1 4	11 23	2 22	23 36	0 11	6 6	1 39	3 10	15 7	12 21	12 5	18 5	1 54	4 28
S 4	22 51	7 6	1 3	21 49	1 48	16 6	3 34	6 32	2 12	9 59	1 4	11 24	2 22	23 36	0 11	6 6	1 39	3 10	15 8	12 21	12 4	18 2	1 54	4 29
S 5	22 46	12 38	0n 4	21 22	1 45	16 17	3 34	6 47	2 12	10 0	1 4	11 25	2 23	23 36	0 11	6 6	1 39	3 10	15 8	12 21	12 3	17 59	1 54	4 29
M 6	22 40	17 49	1 12	20 55	1 41	16 27	3 34	7 2	2 12	10 1	1 5	11 27	2 23	23 36	0 11	6 6	1 38	3 10	15 8	12 21	12 2	17 57	1 54	4 29
T 7	22 34	22 18	2 18	20 26	1 37	16 38	3 34	7 17	2 13	10 2	1 5	11 28	2 23	23 36	0 11	6 7	1 38	3 10	15 8	12 20	12 1	17 54	1 54	4 29
W 8	22 27	25 41	3 19	19 57	1 32	16 49	3 34	7 32	2 13	10 3	1 5	11 29	2 23	23 36	0 11	6 7	1 38	3 10	15 8	12 18	12 0	17 52	1 53	4 29
T 9	22 20	27 33	4 9	19 26	1 26	17 0	3 34	7 46	2 13	10 4	1 5	11 30	2 24	23 36	0 11	6 7	1 38	3 10	15 9	12 16	11 59	17 49	1 53	4 30
F 10	22 13	27 33	4 44	18 55	1 20	17 10	3 34	8 1	2 13	10 6	1 6	11 31	2 24	23 36	0 11	6 7	1 38	3 10	15 9	12 12	11 58	17 47	1 53	4 30
S 11	22 5	25 33	5 0	18 23	1 14	17 21	3 33	8 15	2 13	10 7	1 6	11 32	2 24	23 36	0 11	6 7	1 38	3 10	15 9	12 9	11 56	17 44	1 53	4 30
S 12	21 57	21 46	4 56	17 51	1 7	17 32	3 33	8 30	2 13	10 8	1 6	11 33	2 24	23 36	0 11	6 7	1 38	3 10	15 9	12 5	11 55	17 41	1 53	4 30
M13	21 48	16 33	4 31	17 18	0 59	17 42	3 32	8 44	2 14	10 10	1 7	11 34	2 24	23 36	0 11	6 8	1 38	3 10	15 10	12 2	11 54	17 39	1 53	4 30
T 14	21 39	10 26	3 48	16 45	0 51	17 53	3 31	8 58	2 14	10 11	1 7	11 35	2 25	23 37	0 11	6 8	1 38	3 10	15 10	12 0	11 53	17 36	1 53	4 30
W15	21 30	3 52	2 52	16 12	0 42	18 3	3 30	9 12	2 14	10 13	1 7	11 36	2 25	23 37	0 11	6 8	1 38	3 10	15 10	11 58	11 52	17 33	1 52	4 31
T 16	21 20	2s44	1 46	15 39	0 34	18 13	3 28	9 25	2 14	10 14	1 7	11 37	2 25	23 37	0 11	6 8	1 38	3 10	15 10	11 58	11 51	17 31	1 52	4 31
F 17	21 10	9 2	0 35	15 5	0 24	18 23	3 27	9 39	2 14	10 16	1 8	11 38	2 25	23 37	0 11	6 8	1 38	3 10	15 11	11 58	11 50	17 28	1 52	4 31
S 18	21 0	14 47	0s36	14 32	0 15	18 33	3 25	9 53	2 14	10 18	1 8	11 39	2 26	23 37	0 11	6 9	1 38	3 10	15 11	11 58	11 49	17 26	1 52	4 31
S 19	20 49	19 43	1 43	13 58	0 5	18 43	3 24	10 6	2 14	10 20	1 8	11 40	2 26	23 37	0 11	6 9	1 38	3 10	15 11	11 57	11 48	17 23	1 51	4 31
M20	20 38	23 37	2 43	13 25	0s 6	18 52	3 22	10 19	2 14	10 22	1 8	11 41	2 26	23 37	0 11	6 9	1 38	3 9	15 11	11 56	11 46	17 20	1 51	4 31
T 21	20 27	26 19	3 34	12 52	0 16	19 2	3 20	10 33	2 14	10 24	1 9	11 41	2 26	23 37	0 11	6 9	1 38	3 9	15 12	11 54	11 45	17 18	1 51	4 32
W22	20 15	27 40	4 15	12 20	0 27	19 11	3 18	10 46	2 14	10 26	1 9	11 42	2 27	23 37	0 11	6 10	1 38	3 9	15 12	11 51	11 44	17 15	1 50	4 32
T 23	20 3	27 38	4 42	11 47	0 39	19 19	3 16	10 59	2 14	10 28	1 9	11 43	2 27	23 37	0 11	6 10	1 38	3 9	15 12	11 48	11 43	17 12	1 50	4 32
F 24	19 50	26 16	4 57	11 16	0 50	19 28	3 14	11 11	2 14	10 30	1 9	11 43	2 27	23 37	0 11	6 10	1 38	3 9	15 13	11 43	11 42	17 10	1 50	4 32
S 25	19 38	23 42	4 58	10 45	1 2	19 36	3 12	11 24	2 14	10 32	1 10	11 44	2 27	23 37	0 11	6 11	1 38	3 9	15 13	11 38	11 41	17 7	1 49	4 32
S 26	19 25	20 8	4 46	10 14	1 14	19 44	3 9	11 37	2 14	10 34	1 10	11 45	2 28	23 37	0 11	6 11	1 37	3 9	15 13	11 34	11 40	17 4	1 49	4 32
M27	19 11	15 47	4 22	9 45	1 26	19 52	3 7	11 49	2 14	10 36	1 10	11 45	2 28	23 37	0 11	6 11	1 37	3 9	15 13	11 29	11 39	17 2	1 48	4 32
T 28	18 57	10 51	3 46	9 16	1 39	19 59	3 4	12 1	2 14	10 39	1 10	11 46	2 28	23 37	0 11	6 12	1 37	3 8	15 14	11 26	11 38	16 59	1 48	4 33
W29	18 43	5 32	3 1	8 49	1 51	20 6	3 2	12 13	2 14	10 41	1 11	11 46	2 28	23 37	0 11	6 12	1 37	3 8	15 14	11 23	11 37	16 56	1 47	4 33
T 30	18 29	0n 1	2 7	8 22	2 4	20 13	2 59	12 25	2 14	10 43	1 11	11 47	2 29	23 37	0 11	6 13	1 37	3 8	15 14	11 22	11 35	16 54	1 47	4 33
F 31	18n14	5n38	1s 7	7n57	2s17	20n19	2s56	12n37	2s14	10s46	1s11	11n47	2s29	23n37	0n11	6s13	1n37	3n 8	15s14	11n21	11n34	16s51	1n46	4n33

Julian Day Number = 2494094.5, Delta T = 101.38 sec
Ecliptic obliquity = 23°25'34, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'05, Lahiri = 25°29'05

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ASTRODIENST EPHEMERIS for the year 2116
geocentric

AUGUST 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 16	9♌ 1'37	29♈12	4♍28	24♊ 4	10♉24	4°R56	7♉56	0♋58	19♎45	20♉29	29°D40	0♉15	27♒ 3	23°R54	S 1
S 2	20 43 12	9°59'00	11♉44	4°58	25° 6	11° 1	4♓49	7°58	1° 1	19°46	20°29	29°R40	0°12	27°10	23♓52	S 2
M 3	20 47 9	10°56'25	24°37	5°23	26° 9	11°38	4°43	8° 0	1° 4	19°47	20°29	29♈40	0° 8	27°16	23°50	M 3
T 4	20 51 6	11°53'50	7♊58	5°43	27°12	12°14	4°36	8° 1	1° 7	19°49	20°30	29°37	0° 5	27°23	23°49	T 4
W 5	20 55 2	12°51'17	21°47	5°59	28°15	12°50	4°29	8° 3	1°10	19°50	20°30	29°33	0° 2	27°30	23°47	W 5
T 6	20 58 59	13°48'44	6♋ 6	6°11	29°19	13°27	4°23	8° 5	1°13	19°51	20°30	29°26	29♈59	27°36	23°45	T 6
F 7	21 2 55	14°46'13	20°51	6°17	0♋23	14° 3	4°16	8° 6	1°15	19°52	20°31	29°17	29°56	27°43	23°43	F 7
S 8	21 6 52	15°43'43	5♌57	6°R18	1°27	14°38	4° 9	8° 7	1°18	19°53	20°31	29° 7	29°53	27°50	23°41	S 8
S 9	21 10 48	16°41'15	21°13	6°13	2°31	15°14	4° 2	8° 9	1°21	19°54	20°31	28°57	29°49	27°57	23°39	S 9
M10	21 14 45	17°38'46	6♍28	6° 4	3°35	15°49	3°54	8°10	1°24	19°55	20°31	28°48	29°46	28° 3	23°37	M10
T 11	21 18 42	18°36'19	21°32	5°49	4°40	16°24	3°47	8°11	1°26	19°57	20°32	28°41	29°43	28°10	23°34	T 11
W12	21 22 38	19°33'53	6♎16	5°29	5°45	16°59	3°40	8°12	1°29	19°58	20°32	28°37	29°40	28°17	23°32	W12
T 13	21 26 35	20°31'28	20°36	5° 3	6°50	17°33	3°32	8°12	1°32	19°59	20°32	28°35	29°37	28°23	23°30	T 13
F 14	21 30 31	21°29'03	4♏28	4°32	7°55	18° 7	3°25	8°13	1°34	20° 1	20°32	28°D35	29°34	28°30	23°28	F 14
S 15	21 34 28	22°26'40	17°55	3°57	9° 1	18°41	3°17	8°14	1°37	20° 2	20°32	28°R36	29°30	28°37	23°25	S 15
S 16	21 38 24	23°24'17	0♐59	3°17	10° 6	19°15	3° 9	8°14	1°39	20° 3	20°32	28°35	29°27	28°43	23°23	S 16
M17	21 42 21	24°21'55	13°42	2°34	11°12	19°48	3° 2	8°14	1°42	20° 5	20°32	28°34	29°24	28°50	23°21	M17
T 18	21 46 17	25°19'35	26°11	1°47	12°18	20°22	2°54	8°15	1°44	20° 6	20°32	28°30	29°21	28°57	23°18	T 18
W19	21 50 14	26°17'15	8♑26	0°57	13°25	20°55	2°46	8°15	1°47	20° 8	20°32	28°23	29°18	29° 4	23°16	W19
T 20	21 54 11	27°14'56	20°33	0° 6	14°31	21°27	2°39	8°R15	1°49	20° 9	20°R33	28°14	29°14	29°10	23°14	T 20
F 21	21 58 7	28°12'39	2♒33	29♌15	15°38	21°59	2°31	8°15	1°52	20°11	20°33	28° 4	29°11	29°17	23°11	F 21
S 22	22 2 4	29°10'23	14°28	28°23	16°44	22°31	2°23	8°15	1°54	20°12	20°32	27°53	29° 8	29°24	23° 9	S 22
S 23	22 6 0	0♍ 8'08	26°21	27°33	17°51	23° 3	2°15	8°15	1°56	20°14	20°32	27°42	29° 5	29°30	23° 6	S 23
M24	22 9 57	1° 5'54	8♓12	26°45	18°58	23°35	2° 7	8°14	1°58	20°15	20°32	27°32	29° 2	29°37	23° 4	M24
T 25	22 13 53	2° 3'42	20° 3	26° 1	20° 6	24° 6	1°59	8°14	2° 0	20°17	20°32	27°24	28°59	29°44	23° 1	T 25
W26	22 17 50	3° 1'31	1♈57	25°21	21°13	24°37	1°51	8°13	2° 3	20°19	20°32	27°19	28°55	29°51	22°59	W26
T 27	22 21 46	3°59'22	13°56	24°46	22°21	25° 7	1°43	8°12	2° 5	20°20	20°32	27°16	28°52	29°57	22°56	T 27
F 28	22 25 43	4°57'15	26° 2	24°17	23°29	25°37	1°36	8°12	2° 7	20°22	20°32	27°D15	28°49	0♓ 4	22°53	F 28
S 29	22 29 39	5°55'09	8♉20	23°55	24°36	26° 7	1°28	8°11	2° 9	20°24	20°32	27°15	28°46	0°11	22°51	S 29
S 30	22 33 36	6°53'05	20°53	23°40	25°45	26°36	1°20	8°10	2°11	20°25	20°31	27°16	28°43	0°17	22°48	S 30
M31	22 37 33	7♍51'03	3♊45	23°D34	26♋53	27♉ 5	1♓12	8♉ 9	2♋13	20♎27	20♉31	27°R17	28♈40	0♓24	22♓45	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n59	11n 9	0s 2	7n33	2s29	20n25	2s53	12n49	2s14	10s48	1s11	11n48	2s29	23n37	0n11	6s13	1n37	3n 8	15s15	11n21	11n33	16s48	1n46	4n33
S 2	17 44	16 21	1n 3	7 10	2 42	20 30	2 50	13 0	2 13	10 51	1 11	11 48	2 29	23 37	0 11	6 14	1 37	3 8	15 15	11 21	11 32	16 45	1 45	4 33
M 3	17 29	20 59	2 8	6 50	2 54	20 35	2 47	13 12	2 13	10 53	1 12	11 48	2 30	23 37	0 11	6 14	1 37	3 7	15 15	11 21	11 31	16 43	1 44	4 33
T 4	17 13	24 43	3 8	6 31	3 7	20 40	2 44	13 23	2 13	10 56	1 12	11 49	2 30	23 37	0 11	6 15	1 37	3 7	15 16	11 20	11 30	16 40	1 44	4 33
W 5	16 57	27 9	3 59	6 14	3 19	20 44	2 41	13 34	2 13	10 59	1 12	11 49	2 30	23 37	0 11	6 15	1 37	3 7	15 16	11 18	11 29	16 37	1 43	4 34
T 6	16 40	27 54	4 37	5 59	3 31	20 48	2 38	13 45	2 13	11 1	1 12	11 49	2 30	23 36	0 11	6 16	1 37	3 7	15 16	11 16	11 28	16 35	1 42	4 34
F 7	16 24	26 43	4 58	5 46	3 42	20 51	2 34	13 56	2 12	11 4	1 12	11 49	2 31	23 36	0 11	6 16	1 37	3 7	15 16	11 13	11 26	16 32	1 42	4 34
S 8	16 7	23 36	4 59	5 35	3 53	20 54	2 31	14 7	2 12	11 7	1 13	11 50	2 31	23 36	0 11	6 17	1 37	3 6	15 17	11 9	11 25	16 29	1 41	4 34
S 9	15 50	18 50	4 39	5 27	4 3	20 57	2 28	14 17	2 12	11 9	1 13	11 50	2 31	23 36	0 11	6 17	1 37	3 6	15 17	11 6	11 24	16 26	1 40	4 34
M10	15 32	12 50	3 59	5 22	4 13	20 59	2 24	14 28	2 12	11 12	1 13	11 50	2 31	23 36	0 11	6 18	1 37	3 6	15 17	11 2	11 23	16 24	1 40	4 34
T 11	15 15	6 10	3 3	5 19	4 22	21 0	2 21	14 38	2 11	11 15	1 13	11 50	2 32	23 36	0 11	6 18	1 37	3 6	15 18	11 0	11 22	16 21	1 39	4 34
W12	14 57	0s43	1 56	5 19	4 29	21 1	2 17	14 48	2 11	11 18	1 13	11 50	2 32	23 36	0 11	6 19	1 37	3 6	15 18	10 59	11 21	16 18	1 38	4 34
T 13	14 38	7 23	0 42	5 22	4 36	21 2	2 13	14 58	2 11	11 21	1 13	11 50	2 32	23 36	0 11	6 19	1 37	3 5	15 18	10 58	11 20	16 15	1 37	4 34
F 14	14 20	13 30	0s31	5 28	4 41	21 2	2 10	15 8	2 10	11 24	1 14	11 50	2 32	23 36	0 11	6 20	1 37	3 5	15 18	10 58	11 19	16 13	1 36	4 34
S 15	14 1	18 47	1 41	5 37	4 45	21 1	2 6	15 18	2 10	11 27	1 14	11 50	2 33	23 36	0 11	6 20	1 37	3 5	15 19	10 58	11 18	16 10	1 36	4 34
S 16	13 43	23 0	2 43	5 49	4 48	21 0	2 2	15 27	2 9	11 29	1 14	11 50	2 33	23 36	0 11	6 21	1 37	3 5	15 19	10 58	11 16	16 7	1 35	4 35
M17	13 24	26 0	3 36	6 4	4 48	20 59	1 59	15 37	2 9	11 32	1 14	11 50	2 33	23 36	0 11	6 21	1 36	3 4	15 19	10 57	11 15	16 4	1 34	4 35
T 18	13 4	27 39	4 17	6 21	4 47	20 57	1 55	15 46	2 8	11 35	1 14	11 50	2 33	23 36	0 11	6 22	1 36	3 4	15 20	10 56	11 14	16 2	1 33	4 35
W19	12 45	27 54	4 46	6 41	4 45	20 55	1 51	15 55	2 8	11 38	1 14	11 49	2 34	23 36	0 11	6 22	1 36	3 4	15 20	10 54	11 13	15 59	1 32	4 35
T 20	12 25	26 49	5 1	7 4	4 40	20 52	1 47	16 4	2 8	11 41	1 14	11 49	2 34	23 36	0 11	6 23	1 36	3 3	15 20	10 51	11 12	15 56	1 31	4 35
F 21	12 5	24 29	5 3	7 28	4 33	20 48	1 43	16 13	2 7	11 44	1 15	11 49	2 34	23 36	0 11	6 24	1 36	3 3	15 21	10 47	11 11	15 53	1 30	4 35
S 22	11 45	21 7	4 51	7 53	4 25	20 44	1 40	16 21	2 6	11 47	1 15	11 49	2 34	23 36	0 12	6 24	1 36	3 3	15 21	10 43	11 10	15 50	1 29	4 35
S 23	11 25	16 55	4 27	8 20	4 14	20 39	1 36	16 30	2 6	11 50	1 15	11 48	2 35	23 36	0 12	6 25	1 36	3 3	15 21	10 39	11 9	15 48	1 28	4 35
M24	11 5	12 4	3 51	8 47	4 2	20 34	1 32	16 38	2 5	11 53	1 15	11 48	2 35	23 36	0 12	6 26	1 36	3 2	15 21	10 35	11 7	15 45	1 27	4 35
T 25	10 44	6 47	3 6	9 15	3 49	20 29	1 28	16 46	2 5	11 56	1 15	11 48	2 35	23 36	0 12	6 26	1 36	3 2	15 22	10 33	11 6	15 42	1 26	4 35
W26	10 23	1 14	2 11	9 42	3 34	20 22	1 24	16 54	2 4	11 59	1 15	11 47	2 35	23 36	0 12	6 27	1 36	3 2	15 22	10 31	11 5	15 39	1 25	4 35
T 27	10 2	4n24	1 11	10 9	3 18	20 16	1 20	17 2	2 3	12 2	1 15	11 47	2 36	23 36	0 12	6 27	1 36	3 1	15 22	10 30	11 4	15 36	1 24	4 35
F 28	9 41	9 57	0 6	10 35	3 1	20 8	1 16	17 10	2 3	12 4	1 15	11 46	2 36	23 36	0 12	6 28	1 36	3 1	15 23	10 29	11 3	15 34	1 23	4 35
S 29	9 20	15 13	0n59	10 59	2 43	20 0	1 12	17 18	2 2	12 7	1 15	11 46	2 36	23 36	0 12	6 29	1 36	3 1	15 23	10 29	11 2	15 31	1 22	4 35
S 30	8 59	19 57	2 4	11 21	2 25	19 52	1 8	17 25	2 1	12 10	1 15	11 45	2 36	23 36	0 12	6 29	1 36	3 0	15 23	10 30	11 1	15 28	1 21	4 35
M31	8n37	23n54	3n 4	11n40	2s 6	19n43	1s 4	17n32	2s 1	12s13	1s15	11n45	2s37	23n36	0n12	6s30	1n36	3n 0	15s23	10n30	11n 0	15s25	1n20	4n35

Julian Day Number = 2494125.5, Delta T = 101.42 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'09, Lahiri = 25°29'10

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ASTRODIENST EPHEMERIS for the year 2116
geocentric

SEPTEMBER 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 29	8♍49'03	17♊ 0	23♌35	28♋ 1	27♉34	1°R 4	8°R 8	2♋15	20♎29	20°R31	27°R17	28♈36	0♓31	22°R43	T 1
W 2	22 45 26	9°47'05	0♋42	23°44	29°10	28° 2	0♓57	8♉ 6	2°16	20°31	20♉31	27♈15	28°33	0°37	22♓40	W 2
T 3	22 49 22	10°45'09	14°52	24° 2	0♌18	28°30	0°49	8° 5	2°18	20°32	20°31	27°11	28°30	0°44	22°37	T 3
F 4	22 53 19	11°43'15	29°27	24°29	1°27	28°58	0°41	8° 3	2°20	20°34	20°30	27° 6	28°27	0°51	22°34	F 4
S 5	22 57 15	12°41'22	14♌24	25° 3	2°36	29°25	0°34	8° 2	2°22	20°36	20°30	26°59	28°24	0°58	22°32	S 5
S 6	23 1 12	13°39'31	29°35	25°46	3°45	29°52	0°26	8° 0	2°23	20°38	20°30	26°53	28°20	1° 4	22°29	S 6
M 7	23 5 8	14°37'42	14♍50	26°36	4°55	0♊18	0°19	7°58	2°25	20°40	20°29	26°47	28°17	1°11	22°26	M 7
T 8	23 9 5	15°35'55	29°58	27°34	6° 4	0°44	0°11	7°56	2°27	20°42	20°29	26°43	28°14	1°18	22°23	T 8
W 9	23 13 2	16°34'09	14♎49	28°39	7°13	1° 9	0° 4	7°54	2°28	20°44	20°28	26°40	28°11	1°24	22°21	W 9
T 10	23 16 58	17°32'25	29°18	29°51	8°23	1°34	29♒57	7°52	2°30	20°46	20°28	26°D40	28° 8	1°31	22°18	T 10
F 11	23 20 55	18°30'43	13♏20	1♍ 9	9°33	1°59	29°50	7°50	2°31	20°48	20°28	26°41	28° 5	1°38	22°15	F 11
S 12	23 24 51	19°29'02	26°54	2°32	10°43	2°23	29°43	7°48	2°32	20°49	20°27	26°42	28° 1	1°44	22°12	S 12
S 13	23 28 48	20°27'22	10♐ 3	4° 1	11°53	2°46	29°36	7°45	2°34	20°51	20°27	26°44	27°58	1°51	22° 9	S 13
M14	23 32 44	21°25'45	22°49	5°34	13° 3	3° 9	29°29	7°43	2°35	20°53	20°26	26°R44	27°55	1°58	22° 7	M14
T 15	23 36 41	22°24'08	5♑16	7°10	14°13	3°32	29°22	7°40	2°36	20°55	20°26	26°43	27°52	2° 5	22° 4	T 15
W16	23 40 37	23°22'34	17°29	8°51	15°23	3°54	29°16	7°38	2°37	20°57	20°25	26°41	27°49	2°11	22° 1	W16
T 17	23 44 34	24°21'00	29°31	10°34	16°34	4°15	29° 9	7°35	2°39	20°59	20°25	26°37	27°46	2°18	21°58	T 17
F 18	23 48 31	25°19'29	11♒26	12°19	17°44	4°36	29° 3	7°32	2°40	21° 2	20°24	26°32	27°42	2°25	21°55	F 18
S 19	23 52 27	26°17'59	23°18	14° 6	18°55	4°56	28°57	7°29	2°41	21° 4	20°23	26°27	27°39	2°31	21°53	S 19
S 20	23 56 24	27°16'31	5♓ 9	15°55	20° 5	5°16	28°51	7°26	2°42	21° 6	20°23	26°21	27°36	2°38	21°50	S 20
M21	0 0 20	28°15'05	17° 2	17°45	21°16	5°36	28°45	7°23	2°43	21° 8	20°22	26°17	27°33	2°45	21°47	M21
T 22	0 4 17	29°13'40	28°58	19°35	22°27	5°54	28°39	7°20	2°44	21°10	20°22	26°13	27°30	2°51	21°44	T 22
W23	0 8 13	0♎12'18	11♈ 0	21°26	23°38	6°12	28°34	7°17	2°44	21°12	20°21	26°11	27°26	2°58	21°41	W23
T 24	0 12 10	1°10'57	23° 8	23°18	24°50	6°30	28°28	7°13	2°45	21°14	20°20	26°D10	27°23	3° 5	21°39	T 24
F 25	0 16 6	2° 9'39	5♉26	25° 9	26° 1	6°47	28°23	7°10	2°46	21°16	20°20	26°10	27°20	3°11	21°36	F 25
S 26	0 20 3	3° 8'22	17°54	27° 0	27°12	7° 3	28°18	7° 7	2°47	21°18	20°19	26°11	27°17	3°18	21°33	S 26
S 27	0 24 0	4° 7'08	0♊36	28°51	28°24	7°19	28°13	7° 3	2°47	21°20	20°18	26°13	27°14	3°25	21°30	S 27
M28	0 27 56	5° 5'56	13°35	0♎41	29°35	7°34	28° 8	6°59	2°48	21°23	20°17	26°14	27°11	3°32	21°28	M28
T 29	0 31 53	6° 4'47	26°51	2°31	0♍47	7°48	28° 3	6°56	2°48	21°25	20°17	26°15	27° 7	3°38	21°25	T 29
W30	0 35 49	7♎ 3'39	10♋29	4♎20	1♍59	8♊ 2	27♒58	6♉52	2♋49	21♎27	20♉16	26°R15	27♈ 4	3♓45	21♓22	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n16	26n42	3n56	11n58	1s47	19n34	1s 0	17n40	2s 0	12s16	1s16	11n44	2s37	23n36	0n12	6s31	1n36	3n 0	15s24	10n30	10n58	15s22	1n19	4n35
W 2	7 54	28 2	4 36	12 12	1 29	19 24	0 56	17 47	1 59	12 19	1 16	11 43	2 37	23 36	0 12	6 32	1 36	2 59	15 24	10 29	10 57	15 19	1 18	4 35
T 3	7 32	27 35	5 1	12 23	1 11	19 13	0 52	17 54	1 58	12 21	1 16	11 43	2 37	23 36	0 12	6 32	1 36	2 59	15 24	10 28	10 56	15 17	1 17	4 35
F 4	7 10	25 16	5 8	12 32	0 53	19 2	0 49	18 0	1 57	12 24	1 16	11 42	2 38	23 36	0 12	6 33	1 36	2 59	15 24	10 26	10 55	15 14	1 16	4 35
S 5	6 48	21 11	4 54	12 36	0 35	18 51	0 45	18 7	1 57	12 27	1 16	11 41	2 38	23 36	0 12	6 34	1 36	2 58	15 25	10 24	10 54	15 11	1 15	4 35
S 6	6 25	15 40	4 20	12 38	0 19	18 38	0 41	18 13	1 56	12 30	1 16	11 41	2 38	23 36	0 12	6 34	1 36	2 58	15 25	10 21	10 53	15 8	1 14	4 35
M 7	6 3	9 9	3 27	12 36	0 3	18 26	0 37	18 20	1 55	12 32	1 16	11 40	2 38	23 36	0 12	6 35	1 36	2 58	15 25	10 19	10 52	15 5	1 13	4 35
T 8	5 40	2 9	2 20	12 30	0n12	18 13	0 33	18 26	1 54	12 35	1 16	11 39	2 38	23 36	0 12	6 36	1 36	2 57	15 26	10 18	10 50	15 2	1 12	4 35
W 9	5 18	4s51	1 4	12 20	0 26	17 59	0 29	18 32	1 53	12 37	1 16	11 38	2 39	23 36	0 12	6 37	1 36	2 57	15 26	10 17	10 49	14 59	1 10	4 35
T 10	4 55	11 27	0s14	12 7	0 39	17 45	0 26	18 38	1 52	12 40	1 16	11 37	2 39	23 36	0 12	6 37	1 36	2 57	15 26	10 17	10 48	14 57	1 9	4 35
F 11	4 32	17 15	1 29	11 51	0 51	17 30	0 22	18 44	1 51	12 42	1 16	11 36	2 39	23 36	0 12	6 38	1 36	2 56	15 26	10 17	10 47	14 54	1 8	4 35
S 12	4 10	22 0	2 37	11 31	1 1	17 15	0 18	18 50	1 50	12 45	1 16	11 35	2 39	23 36	0 12	6 39	1 36	2 56	15 27	10 18	10 46	14 51	1 7	4 35
S 13	3 47	25 29	3 34	11 8	1 11	16 59	0 14	18 55	1 49	12 47	1 16	11 34	2 40	23 36	0 12	6 40	1 36	2 56	15 27	10 18	10 45	14 48	1 6	4 35
M14	3 24	27 33	4 19	10 42	1 19	16 43	0 11	19 1	1 48	12 50	1 16	11 33	2 40	23 36	0 12	6 40	1 36	2 55	15 27	10 18	10 44	14 45	1 5	4 35
T 15	3 1	28 9	4 50	10 13	1 27	16 27	0 7	19 6	1 47	12 52	1 16	11 32	2 40	23 36	0 12	6 41	1 36	2 55	15 27	10 18	10 43	14 42	1 4	4 35
W16	2 38	27 22	5 8	9 41	1 33	16 10	0 3	19 11	1 45	12 54	1 16	11 31	2 40	23 36	0 12	6 42	1 36	2 54	15 28	10 17	10 41	14 39	1 2	4 35
T 17	2 15	25 19	5 11	9 7	1 38	15 52	0n 0	19 17	1 44	12 57	1 16	11 30	2 40	23 36	0 12	6 43	1 36	2 54	15 28	10 16	10 40	14 36	1 1	4 34
F 18	1 51	22 10	5 1	8 31	1 43	15 34	0 4	19 22	1 43	12 59	1 16	11 29	2 41	23 36	0 12	6 43	1 36	2 54	15 28	10 14	10 39	14 34	1 0	4 34
S 19	1 28	18 7	4 39	7 53	1 46	15 16	0 7	19 26	1 42	13 1	1 16	11 28	2 41	23 36	0 12	6 44	1 36	2 53	15 28	10 12	10 38	14 31	0 59	4 34
S 20	1 5	13 24	4 4	7 13	1 48	14 57	0 11	19 31	1 40	13 3	1 16	11 27	2 41	23 36	0 12	6 45	1 36	2 53	15 29	10 10	10 37	14 28	0 58	4 34
M21	0 42	8 10	3 18	6 31	1 50	14 37	0 14	19 36	1 39	13 5	1 15	11 26	2 41	23 36	0 12	6 46	1 36	2 53	15 29	10 8	10 36	14 25	0 57	4 34
T 22	0 18	2 36	2 24	5 49	1 50	14 18	0 17	19 41	1 38	13 7	1 15	11 25	2 41	23 36	0 12	6 47	1 35	2 52	15 29	10 7	10 35	14 22	0 55	4 34
W23	0s 5	3n 5	1 22	5 5	1 50	13 57	0 21	19 45	1 36	13 9	1 15	11 23	2 41	23 36	0 12	6 47	1 35	2 52	15 29	10 6	10 33	14 19	0 54	4 34
T 24	0 28	8 44	0 17	4 20	1 49	13 37	0 24	19 49	1 35	13 11	1 15	11 22	2 42	23 36	0 12	6 48	1 35	2 51	15 30	10 6	10 32	14 16	0 53	4 34
F 25	0 52	14 7	0n51	3 35	1 48	13 16	0 27	19 54	1 33	13 12	1 15	11 21	2 42	23 36	0 12	6 49	1 35	2 51	15 30	10 6	10 31	14 13	0 52	4 34
S 26	1 15	19 2	1 57	2 49	1 46	12 54	0 30	19 58	1 32	13 14	1 15	11 20	2 42	23 36	0 12	6 50	1 35	2 51	15 30	10 6	10 30	14 10	0 51	4 34
S 27	1 38	23 11	2 59	2 2	1 43	12 33	0 33	20 2	1 30	13 16	1 15	11 18	2 42	23 36	0 12	6 51	1 35	2 50	15 30	10 7	10 29	14 7	0 49	4 33
M28	2 1	26 16	3 52	1 15	1 40	12 11	0 36	20 6	1 29	13 17	1 15	11 17	2 42	23 36	0 12	6 51	1 35	2 50	15 30	10 7	10 28	14 4	0 48	4 33
T 29	2 25	27 58	4 35	0 29	1 36	11 48	0 39	20 10	1 27	13 19	1 15	11 16	2 42	23 36	0 12	6 52	1 35	2 50	15 31	10 8	10 27	14 1	0 47	4 33
W30	2s48	28n 4	5n 4	0s18	1n32	11n25	0n42	20n14	1s26	13s20	1s15	11n14	2s43	23n36	0n12	6s53	1n35	2n49	15s31	10n 8	10n25	13s58	0n46	4n33

Julian Day Number = 2494156.5, Delta T = 101.47 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'13, Lahiri = 25°29'14

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ASTRODIENST EPHEMERIS for the year 2116
geocentric

OCTOBER 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 46	8♎ 2'34	24♋28	6♎ 8	3♍11	8♊15	27°R54	6°R48	2♋49	21♎29	20°R15	26°R15	27♈ 1	3♓52	21°R20	T 1
F 2	0 43 42	9° 1'32	8♌47	7°56	4°23	8°27	27♒50	6♉44	2°50	21°31	20♉14	26♈13	26°58	3°58	21♓17	F 2
S 3	0 47 39	10° 0'31	23°26	9°43	5°35	8°38	27°46	6°40	2°50	21°34	20°14	26°11	26°55	4° 5	21°15	S 3
S 4	0 51 35	10°59'33	8♍17	11°29	6°47	8°49	27°42	6°36	2°50	21°36	20°13	26° 9	26°51	4°12	21°12	S 4
M 5	0 55 32	11°58'37	23°15	13°14	7°59	8°59	27°38	6°32	2°50	21°38	20°12	26° 8	26°48	4°18	21° 9	M 5
T 6	0 59 29	12°57'43	8♎10	14°59	9°11	9° 8	27°35	6°28	2°51	21°40	20°11	26° 7	26°45	4°25	21° 7	T 6
W 7	1 3 25	13°56'51	22°55	16°42	10°24	9°17	27°32	6°24	2°51	21°42	20°10	26°D 6	26°42	4°32	21° 4	W 7
T 8	1 7 22	14°56'01	7♏23	18°25	11°36	9°24	27°29	6°19	2°R51	21°45	20° 9	26° 6	26°39	4°39	21° 2	T 8
F 9	1 11 18	15°55'13	21°28	20° 7	12°49	9°31	27°26	6°15	2°51	21°47	20° 8	26° 7	26°36	4°45	20°59	F 9
S 10	1 15 15	16°54'27	5♐ 9	21°48	14° 1	9°37	27°23	6°11	2°51	21°49	20° 8	26° 8	26°32	4°52	20°57	S 10
S 11	1 19 11	17°53'43	18°23	23°29	15°14	9°42	27°20	6° 6	2°50	21°51	20° 7	26° 9	26°29	4°59	20°54	S 11
M12	1 23 8	18°53'00	1♑15	25° 9	16°27	9°46	27°18	6° 2	2°50	21°54	20° 6	26° 9	26°26	5° 5	20°52	M12
T 13	1 27 4	19°52'20	13°45	26°47	17°40	9°50	27°16	5°57	2°50	21°56	20° 5	26°10	26°23	5°12	20°50	T 13
W14	1 31 1	20°51'41	25°59	28°26	18°53	9°53	27°14	5°53	2°50	21°58	20° 4	26°R10	26°20	5°19	20°47	W14
T 15	1 34 58	21°51'04	8♒ 1	0♏ 3	20° 6	9°54	27°12	5°48	2°50	22° 0	20° 3	26° 9	26°17	5°25	20°45	T 15
F 16	1 38 54	22°50'28	19°55	1°40	21°19	9°55	27°11	5°44	2°49	22° 2	20° 2	26° 9	26°13	5°32	20°43	F 16
S 17	1 42 51	23°49'55	1♓46	3°16	22°32	9°R55	27°10	5°39	2°49	22° 5	20° 1	26° 9	26°10	5°39	20°41	S 17
S 18	1 46 47	24°49'23	13°38	4°51	23°45	9°54	27° 8	5°34	2°48	22° 7	20° 0	26° 8	26° 7	5°45	20°38	S 18
M19	1 50 44	25°48'53	25°33	6°26	24°58	9°53	27° 8	5°30	2°48	22° 9	19°59	26°D 8	26° 4	5°52	20°36	M19
T 20	1 54 40	26°48'24	7♈36	8° 0	26°12	9°50	27° 7	5°25	2°47	22°11	19°58	26° 8	26° 1	5°59	20°34	T 20
W21	1 58 37	27°47'58	19°48	9°33	27°25	9°47	27° 6	5°20	2°46	22°14	19°57	26°R 8	25°57	6° 6	20°32	W21
T 22	2 2 33	28°47'34	2♉11	11° 6	28°39	9°42	27° 6	5°15	2°46	22°16	19°56	26° 8	25°54	6°12	20°30	T 22
F 23	2 6 30	29°47'11	14°45	12°39	29°52	9°37	27°D 6	5°11	2°45	22°18	19°55	26° 8	25°51	6°19	20°28	F 23
S 24	2 10 26	0♏46'51	27°33	14°10	1♎ 6	9°31	27° 6	5° 6	2°44	22°20	19°54	26° 8	25°48	6°26	20°26	S 24
S 25	2 14 23	1°46'33	10♊34	15°41	2°19	9°24	27° 6	5° 1	2°43	22°23	19°53	26° 7	25°45	6°32	20°24	S 25
M26	2 18 20	2°46'18	23°49	17°12	3°33	9°16	27° 7	4°56	2°43	22°25	19°52	26° 6	25°42	6°39	20°22	M26
T 27	2 22 16	3°46'04	7♋18	18°42	4°47	9° 7	27° 7	4°51	2°42	22°27	19°51	26° 6	25°38	6°46	20°20	T 27
W28	2 26 13	4°45'53	21° 0	20°11	6° 1	8°57	27° 8	4°47	2°41	22°29	19°49	26° 5	25°35	6°52	20°19	W28
T 29	2 30 9	5°45'43	4♌56	21°40	7°14	8°47	27° 9	4°42	2°40	22°31	19°48	26°D 5	25°32	6°59	20°17	T 29
F 30	2 34 6	6°45'37	19° 4	23° 8	8°28	8°35	27°11	4°37	2°39	22°34	19°47	26° 5	25°29	7° 6	20°15	F 30
S 31	2 38 2	7♏45'32	3♍22	24♏35	9♎42	8♊23	27♒12	4♉32	2♋37	22♎36	19♉46	26♈ 6	25♈26	7♓12	20♓13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s11	26n23	5n15	1s 5	1n28	11n 2	0n45	20n17	1s24	13s22	1s15	11n13	2s43	23n36	0n12	6s54	1n35	2n49	15s31	10n 8	10n24	13s55	0n45	4n33
F 2	3 35	23 0	5 8	1 52	1 23	10 38	0 48	20 21	1 22	13 23	1 15	11 12	2 43	23 36	0 12	6 55	1 35	2 48	15 31	10 7	10 23	13 53	0 44	4 33
S 3	3 58	18 7	4 41	2 39	1 18	10 15	0 50	20 25	1 20	13 25	1 15	11 10	2 43	23 36	0 12	6 56	1 35	2 48	15 31	10 6	10 22	13 50	0 42	4 33
S 4	4 21	12 5	3 55	3 25	1 13	9 50	0 53	20 28	1 19	13 26	1 14	11 9	2 43	23 36	0 12	6 56	1 35	2 48	15 32	10 6	10 21	13 47	0 41	4 32
M 5	4 44	5 19	2 52	4 11	1 7	9 26	0 56	20 31	1 17	13 27	1 14	11 7	2 43	23 36	0 12	6 57	1 35	2 47	15 32	10 5	10 20	13 44	0 40	4 32
T 6	5 7	1s45	1 38	4 57	1 2	9 1	0 58	20 35	1 15	13 28	1 14	11 6	2 43	23 36	0 12	6 58	1 35	2 47	15 32	10 5	10 19	13 41	0 39	4 32
W 7	5 30	8 38	0 18	5 42	0 56	8 36	1 1	20 38	1 13	13 29	1 14	11 4	2 43	23 36	0 12	6 59	1 35	2 47	15 32	10 4	10 17	13 38	0 38	4 32
T 8	5 53	14 57	1s 2	6 27	0 49	8 11	1 3	20 41	1 11	13 30	1 14	11 3	2 43	23 36	0 12	7 0	1 35	2 46	15 32	10 4	10 16	13 35	0 37	4 32
F 9	6 16	20 19	2 16	7 12	0 43	7 45	1 5	20 44	1 9	13 31	1 14	11 1	2 44	23 36	0 12	7 1	1 35	2 46	15 32	10 5	10 15	13 32	0 36	4 32
S 10	6 38	24 25	3 20	7 56	0 37	7 19	1 8	20 47	1 7	13 32	1 14	11 0	2 44	23 36	0 12	7 1	1 35	2 45	15 33	10 5	10 14	13 29	0 34	4 31
S 11	7 1	27 5	4 11	8 39	0 30	6 53	1 10	20 50	1 5	13 32	1 14	10 58	2 44	23 36	0 12	7 2	1 35	2 45	15 33	10 5	10 13	13 26	0 33	4 31
M12	7 24	28 13	4 48	9 22	0 23	6 27	1 12	20 52	1 2	13 33	1 13	10 57	2 44	23 36	0 13	7 3	1 35	2 45	15 33	10 6	10 12	13 23	0 32	4 31
T 13	7 46	27 51	5 10	10 4	0 17	6 1	1 14	20 55	1 0	13 34	1 13	10 55	2 44	23 36	0 13	7 4	1 35	2 44	15 33	10 6	10 11	13 20	0 31	4 31
W14	8 8	26 8	5 17	10 45	0 10	5 34	1 16	20 58	0 58	13 34	1 13	10 54	2 44	23 36	0 13	7 5	1 35	2 44	15 33	10 6	10 9	13 17	0 30	4 31
T 15	8 31	23 15	5 10	11 26	0 3	5 7	1 18	21 0	0 56	13 35	1 13	10 52	2 44	23 36	0 13	7 5	1 35	2 44	15 33	10 6	10 8	13 14	0 29	4 30
F 16	8 53	19 25	4 50	12 7	0s 4	4 40	1 20	21 3	0 53	13 35	1 13	10 51	2 44	23 36	0 13	7 6	1 35	2 43	15 33	10 5	10 7	13 11	0 28	4 30
S 17	9 15	14 51	4 18	12 46	0 11	4 13	1 21	21 5	0 51	13 35	1 13	10 49	2 44	23 36	0 13	7 7	1 35	2 43	15 33	10 5	10 6	13 8	0 27	4 30
S 18	9 36	9 44	3 35	13 25	0 18	3 45	1 23	21 7	0 48	13 36	1 13	10 47	2 44	23 36	0 13	7 8	1 35	2 42	15 34	10 5	10 5	13 5	0 26	4 30
M19	9 58	4 14	2 42	14 3	0 25	3 18	1 25	21 10	0 46	13 36	1 13	10 46	2 44	23 36	0 13	7 9	1 35	2 42	15 34	10 5	10 4	13 2	0 25	4 30
T 20	10 20	1n28	1 41	14 40	0 32	2 50	1 26	21 12	0 43	13 36	1 12	10 44	2 44	23 36	0 13	7 10	1 35	2 42	15 34	10 5	10 2	12 59	0 24	4 29
W21	10 41	7 12	0 35	15 16	0 38	2 22	1 28	21 14	0 41	13 36	1 12	10 43	2 44	23 37	0 13	7 10	1 35	2 41	15 34	10 5	10 1	12 56	0 23	4 29
T 22	11 2	12 45	0n33	15 52	0 45	1 54	1 29	21 16	0 38	13 36	1 12	10 41	2 44	23 37	0 13	7 11	1 35	2 41	15 34	10 5	10 0	12 53	0 22	4 29
F 23	11 23	17 52	1 41	16 27	0 52	1 26	1 30	21 18	0 35	13 36	1 12	10 40	2 44	23 37	0 13	7 12	1 35	2 41	15 34	10 5	9 59	12 50	0 21	4 29
S 24	11 44	22 17	2 46	17 1	0 59	0 58	1 31	21 20	0 33	13 36	1 12	10 38	2 44	23 37	0 13	7 13	1 35	2 40	15 34	10 5	9 58	12 47	0 20	4 28
S 25	12 5	25 41	3 42	17 34	1 5	0 30	1 33	21 21	0 30	13 35	1 12	10 36	2 44	23 37	0 13	7 14	1 35	2 40	15 34	10 5	9 57	12 44	0 19	4 28
M26	12 26	27 45	4 28	18 6	1 12	0 1	1 34	21 23	0 27	13 35	1 11	10 35	2 44	23 37	0 13	7 14	1 35	2 40	15 34	10 5	9 56	12 41	0 18	4 28
T 27	12 46	28 13	5 0	18 38	1 18	0s27	1 35	21 24	0 24	13 35	1 11	10 33	2 44	23 37	0 13	7 15	1 35	2 39	15 34	10 4	9 54	12 38	0 17	4 28
W28	13 6	26 59	5 16	19 8	1 24	0 56	1 35	21 26	0 21	13 34	1 11	10 32	2 44	23 37	0 13	7 16	1 35	2 39	15 35	10 4	9 53	12 35	0 16	4 27
T 29	13 26	24 5	5 13	19 37	1 30	1 24	1 36	21 27	0 19	13 34	1 11	10 30	2 44	23 37	0 13	7 17	1 36	2 39	15 35	10 4	9 52	12 32	0 15	4 27
F 30	13 46	19 43	4 52	20 6	1 36	1 52	1 37	21 28	0 16	13 33	1 11	10 28	2 44	23 37	0 13	7 18	1 36	2 38	15 35	10 4	9 51	12 29	0 14	4 27
S 31	14s 5	14n11	4n12	20s33	1s42	2s21	1n38	21n29	0s13	13s33	1s11	10n27	2s44	23n37	0n13	7s18	1n36	2n38	15s35	10n 4	9n50	12s25	0n13	4n27

Julian Day Number = 2494186.5, Delta T = 101.51 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'18, Lahiri = 25°29'18

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ASTRODIENST EPHEMERIS for the year 2116
geocentric

NOVEMBER 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 59	8♏45'29	17♍49	26♏ 2	10♎56	8°R10	27♒14	4°R27	2°R36	22♎38	19°R45	26♈ 7	25♈23	7♓19	20°R12	S 1
M 2	2 45 56	9°45'29	2♎20	27°29	12°11	7♊56	27°16	4♉23	2♋35	22°40	19♉44	26° 8	25°19	7°26	20♓10	M 2
T 3	2 49 52	10°45'30	16°50	28°54	13°25	7°41	27°18	4°18	2°34	22°42	19°43	26° 8	25°16	7°32	20° 9	T 3
W 4	2 53 49	11°45'34	1♏15	0♐19	14°39	7°26	27°20	4°13	2°32	22°44	19°42	26°R 8	25°13	7°39	20° 7	W 4
T 5	2 57 45	12°45'39	15°27	1°43	15°53	7°10	27°23	4° 8	2°31	22°47	19°41	26° 8	25°10	7°46	20° 6	T 5
F 6	3 1 42	13°45'47	29°24	3° 7	17° 7	6°53	27°25	4° 4	2°30	22°49	19°40	26° 6	25° 7	7°53	20° 4	F 6
S 7	3 5 38	14°45'56	13♐ 1	4°29	18°22	6°35	27°28	3°59	2°28	22°51	19°38	26° 4	25° 3	7°59	20° 3	S 7
S 8	3 9 35	15°46'07	26°16	5°51	19°36	6°17	27°31	3°54	2°27	22°53	19°37	26° 1	25° 0	8° 6	20° 2	S 8
M 9	3 13 31	16°46'20	9♑10	7°11	20°51	5°58	27°35	3°50	2°25	22°55	19°36	25°58	24°57	8°13	20° 1	M 9
T 10	3 17 28	17°46'34	21°44	8°31	22° 5	5°39	27°38	3°45	2°24	22°57	19°35	25°55	24°54	8°19	19°59	T 10
W11	3 21 25	18°46'49	4♒ 0	9°49	23°19	5°19	27°42	3°40	2°22	22°59	19°34	25°53	24°51	8°26	19°58	W11
T 12	3 25 21	19°47'06	16° 3	11° 6	24°34	4°59	27°46	3°36	2°20	23° 1	19°33	25°D52	24°48	8°33	19°57	T 12
F 13	3 29 18	20°47'25	27°57	12°22	25°49	4°38	27°50	3°31	2°19	23° 3	19°32	25°52	24°44	8°39	19°56	F 13
S 14	3 33 14	21°47'45	9♓48	13°35	27° 3	4°17	27°54	3°27	2°17	23° 5	19°31	25°53	24°41	8°46	19°55	S 14
S 15	3 37 11	22°48'06	21°39	14°47	28°18	3°56	27°58	3°23	2°15	23° 7	19°29	25°55	24°38	8°53	19°54	S 15
M16	3 41 7	23°48'28	3♈37	15°57	29°32	3°34	28° 3	3°18	2°13	23° 9	19°28	25°57	24°35	8°59	19°54	M16
T 17	3 45 4	24°48'52	15°44	17° 4	0♏47	3°12	28° 8	3°14	2°11	23°11	19°27	25°58	24°32	9° 6	19°53	T 17
W18	3 49 0	25°49'18	28° 5	18° 9	2° 2	2°50	28°13	3°10	2° 9	23°13	19°26	25°R59	24°29	9°13	19°52	W18
T 19	3 52 57	26°49'45	10♉42	19°11	3°16	2°28	28°18	3° 5	2° 8	23°15	19°25	25°58	24°25	9°19	19°51	T 19
F 20	3 56 54	27°50'13	23°36	20° 9	4°31	2° 6	28°23	3° 1	2° 6	23°17	19°24	25°55	24°22	9°26	19°51	F 20
S 21	4 0 50	28°50'43	6♊47	21° 3	5°46	1°44	28°29	2°57	2° 4	23°19	19°23	25°51	24°19	9°33	19°50	S 21
S 22	4 4 47	29°51'15	20°14	21°53	7° 1	1°21	28°34	2°53	2° 2	23°21	19°22	25°46	24°16	9°40	19°50	S 22
M23	4 8 43	0♐51'48	3♋55	22°38	8°16	0°59	28°40	2°49	1°59	23°23	19°21	25°40	24°13	9°46	19°49	M23
T 24	4 12 40	1°52'23	17°47	23°17	9°31	0°37	28°46	2°45	1°57	23°25	19°19	25°34	24° 9	9°53	19°49	T 24
W25	4 16 36	2°53'00	1♌47	23°50	10°46	0°15	28°52	2°42	1°55	23°26	19°18	25°29	24° 6	10° 0	19°48	W25
T 26	4 20 33	3°53'38	15°52	24°16	12° 1	29♉54	28°59	2°38	1°53	23°28	19°17	25°26	24° 3	10° 6	19°48	T 26
F 27	4 24 29	4°54'18	29°59	24°35	13°16	29°32	29° 5	2°34	1°51	23°30	19°16	25°D25	24° 0	10°13	19°48	F 27
S 28	4 28 26	5°54'59	14♍ 8	24°44	14°31	29°11	29°12	2°31	1°49	23°32	19°15	25°25	23°57	10°20	19°48	S 28
S 29	4 32 23	6°55'42	28°16	24°R45	15°46	28°50	29°19	2°27	1°46	23°34	19°14	25°26	23°54	10°26	19°48	S 29
M30	4 36 19	7♐56'27	12♎22	24♐35	17♏ 1	28♉30	29♒26	2♉24	1♋44	23♎35	19♉13	25♈28	23♈50	10♓33	19♓48	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s25	7n50	3n17	21s 0	1s48	2s49	1n38	21n30	0s10	13s32	1s11	10n25	2s44	23n37	0n13	7s19	1n36	2n38	15s35	10n 5	9n49	12s22	0n12	4n26
M 2	14 44	1 2	2 8	21 25	1 53	3 18	1 39	21 31	0 6	13 31	1 10	10 24	2 44	23 37	0 13	7 20	1 36	2 37	15 35	10 5	9 47	12 19	0 11	4 26
T 3	15 3	5s49	0 51	21 50	1 59	3 46	1 39	21 32	0 3	13 30	1 10	10 22	2 44	23 37	0 13	7 21	1 36	2 37	15 35	10 5	9 46	12 16	0 11	4 26
W 4	15 21	12 20	0s28	22 13	2 4	4 15	1 39	21 32	0 0	13 29	1 10	10 21	2 44	23 37	0 13	7 22	1 36	2 37	15 35	10 5	9 45	12 13	0 10	4 26
T 5	15 40	18 8	1 45	22 35	2 8	4 43	1 40	21 33	0n 3	13 28	1 10	10 19	2 44	23 37	0 13	7 22	1 36	2 37	15 35	10 5	9 44	12 10	0 9	4 25
F 6	15 58	22 50	2 53	22 56	2 13	5 11	1 40	21 33	0 6	13 27	1 10	10 18	2 44	23 37	0 13	7 23	1 36	2 36	15 35	10 4	9 43	12 7	0 8	4 25
S 7	16 16	26 10	3 51	23 16	2 17	5 39	1 40	21 33	0 9	13 26	1 10	10 16	2 44	23 37	0 13	7 24	1 36	2 36	15 35	10 4	9 42	12 4	0 7	4 25
S 8	16 33	27 56	4 34	23 35	2 21	6 7	1 40	21 33	0 12	13 25	1 9	10 15	2 44	23 37	0 13	7 25	1 36	2 36	15 35	10 2	9 40	12 1	0 7	4 25
M 9	16 50	28 7	5 1	23 53	2 25	6 35	1 40	21 33	0 16	13 24	1 9	10 13	2 44	23 37	0 13	7 25	1 36	2 35	15 35	10 1	9 39	11 58	0 6	4 24
T 10	17 7	26 50	5 14	24 9	2 28	7 3	1 40	21 33	0 19	13 22	1 9	10 12	2 43	23 37	0 13	7 26	1 36	2 35	15 35	10 0	9 38	11 55	0 5	4 24
W11	17 24	24 17	5 12	24 24	2 31	7 31	1 39	21 32	0 22	13 21	1 9	10 10	2 43	23 37	0 13	7 27	1 36	2 35	15 35	10 0	9 37	11 52	0 4	4 24
T 12	17 40	20 43	4 56	24 38	2 34	7 59	1 39	21 32	0 25	13 19	1 9	10 9	2 43	23 37	0 13	7 28	1 36	2 35	15 35	9 59	9 36	11 49	0 4	4 23
F 13	17 57	16 21	4 27	24 50	2 36	8 26	1 39	21 31	0 28	13 18	1 9	10 8	2 43	23 37	0 13	7 28	1 36	2 34	15 35	9 59	9 35	11 46	0 3	4 23
S 14	18 12	11 24	3 47	25 1	2 37	8 53	1 38	21 31	0 32	13 16	1 8	10 6	2 43	23 38	0 13	7 29	1 36	2 34	15 35	10 0	9 33	11 42	0 2	4 23
S 15	18 28	6 1	2 57	25 11	2 38	9 20	1 38	21 30	0 35	13 14	1 8	10 5	2 43	23 38	0 13	7 30	1 36	2 34	15 35	10 0	9 32	11 39	0 2	4 23
M16	18 43	0 24	2 0	25 19	2 39	9 47	1 37	21 29	0 38	13 13	1 8	10 3	2 43	23 38	0 13	7 30	1 36	2 34	15 35	10 1	9 31	11 36	0 1	4 22
T 17	18 58	5n20	0 56	25 26	2 39	10 14	1 37	21 28	0 41	13 11	1 8	10 2	2 43	23 38	0 13	7 31	1 36	2 33	15 35	10 2	9 30	11 33	0 1	4 22
W18	19 12	10 58	0n12	25 31	2 38	10 40	1 36	21 26	0 44	13 9	1 8	10 1	2 42	23 38	0 13	7 32	1 36	2 33	15 35	10 2	9 29	11 30	0 0	4 22
T 19	19 26	16 17	1 20	25 35	2 37	11 7	1 35	21 25	0 47	13 7	1 8	10 0	2 42	23 38	0 13	7 33	1 36	2 33	15 34	10 1	9 28	11 27	0s 0	4 21
F 20	19 40	21 0	2 25	25 38	2 34	11 32	1 34	21 24	0 51	13 5	1 8	9 58	2 42	23 38	0 13	7 33	1 36	2 33	15 34	10 0	9 26	11 24	0 1	4 21
S 21	19 53	24 47	3 24	25 39	2 31	11 58	1 33	21 22	0 54	13 3	1 7	9 57	2 42	23 38	0 13	7 34	1 36	2 33	15 34	9 59	9 25	11 21	0 1	4 21
S 22	20 6	27 17	4 13	25 38	2 27	12 24	1 32	21 21	0 57	13 1	1 7	9 56	2 42	23 38	0 13	7 35	1 36	2 32	15 34	9 57	9 24	11 18	0 2	4 20
M23	20 19	28 11	4 49	25 36	2 22	12 49	1 31	21 19	1 0	12 59	1 7	9 55	2 42	23 38	0 13	7 35	1 36	2 32	15 34	9 55	9 23	11 14	0 2	4 20
T 24	20 31	27 20	5 8	25 32	2 16	13 14	1 30	21 17	1 2	12 57	1 7	9 54	2 41	23 38	0 13	7 36	1 36	2 32	15 34	9 53	9 22	11 11	0 3	4 20
W25	20 43	24 46	5 9	25 26	2 9	13 38	1 29	21 15	1 5	12 54	1 7	9 52	2 41	23 38	0 13	7 36	1 36	2 32	15 34	9 51	9 21	11 8	0 3	4 20
T 26	20 55	20 42	4 51	25 19	2 1	14 2	1 28	21 14	1 8	12 52	1 7	9 51	2 41	23 38	0 13	7 37	1 36	2 32	15 34	9 50	9 19	11 5	0 4	4 19
F 27	21 6	15 28	4 16	25 10	1 51	14 26	1 26	21 12	1 11	12 49	1 7	9 50	2 41	23 38	0 13	7 38	1 36	2 32	15 34	9 49	9 18	11 2	0 4	4 19
S 28	21 17	9 24	3 25	24 59	1 40	14 50	1 25	21 10	1 14	12 47	1 6	9 49	2 41	23 38	0 13	7 38	1 36	2 31	15 34	9 49	9 17	10 59	0 4	4 19
S 29	21 27	2 52	2 22	24 47	1 27	15 13	1 24	21 8	1 16	12 44	1 6	9 48	2 40	23 38	0 13	7 39	1 36	2 31	15 34	9 50	9 16	10 56	0 5	4 18
M30	21s37	3s48	1n10	24s32	1s13	15s36	1n22	21n 6	1n19	12s42	1s 6	9n47	2s40	23n38	0n13	7s40	1n36	2n31	15s33	9n50	9n15	10s53	0s 5	4n18

Julian Day Number = 2494217.5, Delta T = 101.55 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'22, Lahiri = 25°29'22

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ASTRODIENST EPHEMERIS for the year 2116
geocentric

DECEMBER 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 16	8♐57'13	26♎24	24°R14	18♏16	28°R10	29♒33	2°R20	1°R42	23♎37	19°R12	25°R28	23♈47	10♓40	19°D48	T 1
W 2	4 44 12	9°58'01	10♏20	23♐43	19°31	27♉51	29°40	2♉17	1♋40	23°39	19♉11	25♈27	23°44	10°46	19♓48	W 2
T 3	4 48 9	10°58'50	24° 8	23° 1	20°46	27°32	29°48	2°14	1°37	23°40	19°10	25°24	23°41	10°53	19°48	T 3
F 4	4 52 5	11°59'41	7♑44	22° 7	22° 1	27°13	29°55	2°11	1°35	23°42	19° 9	25°18	23°38	11° 0	19°48	F 4
S 5	4 56 2	13° 0'32	21° 6	21° 5	23°16	26°56	0♓ 3	2° 7	1°32	23°44	19° 8	25°11	23°35	11° 6	19°48	S 5
S 6	4 59 58	14° 1'25	4♑12	19°53	24°31	26°39	0°11	2° 5	1°30	23°45	19° 7	25° 2	23°31	11°13	19°48	S 6
M 7	5 3 55	15° 2'19	17° 1	18°36	25°46	26°22	0°19	2° 2	1°28	23°47	19° 6	24°52	23°28	11°20	19°49	M 7
T 8	5 7 52	16° 3'14	29°33	17°14	27° 2	26° 6	0°27	1°59	1°25	23°48	19° 5	24°43	23°25	11°26	19°49	T 8
W 9	5 11 48	17° 4'09	11♒48	15°51	28°17	25°51	0°36	1°56	1°23	23°50	19° 4	24°36	23°22	11°33	19°50	W 9
T 10	5 15 45	18° 5'05	23°51	14°30	29°32	25°37	0°44	1°54	1°20	23°51	19° 3	24°30	23°19	11°40	19°50	T 10
F 11	5 19 41	19° 6'02	5♓45	13°12	0♑47	25°24	0°53	1°51	1°18	23°53	19° 2	24°27	23°15	11°46	19°51	F 11
S 12	5 23 38	20° 7'00	17°34	12° 2	2° 3	25°11	1° 2	1°49	1°15	23°54	19° 1	24°D26	23°12	11°53	19°51	S 12
S 13	5 27 34	21° 7'58	29°25	11° 0	3°18	24°59	1°11	1°46	1°13	23°56	19° 0	24°26	23° 9	12° 0	19°52	S 13
M14	5 31 31	22° 8'56	11♈21	10° 8	4°33	24°48	1°20	1°44	1°10	23°57	18°59	24°27	23° 6	12° 7	19°53	M14
T 15	5 35 27	23° 9'56	23°30	9°26	5°48	24°37	1°29	1°42	1° 8	23°58	18°58	24°R28	23° 3	12°13	19°54	T 15
W16	5 39 24	24°10'56	5♉54	8°56	7° 4	24°28	1°38	1°40	1° 5	24° 0	18°57	24°27	23° 0	12°20	19°54	W16
T 17	5 43 21	25°11'56	18°39	8°37	8°19	24°19	1°48	1°38	1° 3	24° 1	18°56	24°24	22°56	12°27	19°55	T 17
F 18	5 47 17	26°12'57	1♊46	8°D29	9°34	24°11	1°57	1°37	1° 0	24° 2	18°56	24°19	22°53	12°33	19°56	F 18
S 19	5 51 14	27°13'59	15°17	8°31	10°49	24° 4	2° 7	1°35	0°57	24° 4	18°55	24°11	22°50	12°40	19°57	S 19
S 20	5 55 10	28°15'01	29° 8	8°43	12° 5	23°58	2°17	1°33	0°55	24° 5	18°54	24° 1	22°47	12°47	19°58	S 20
M21	5 59 7	29°16'04	13♋18	9° 3	13°20	23°53	2°27	1°32	0°52	24° 6	18°53	23°50	22°44	12°53	20° 0	M21
T 22	6 3 3	0♑17'07	27°39	9°31	14°35	23°48	2°37	1°31	0°50	24° 7	18°52	23°39	22°41	13° 0	20° 1	T 22
W23	6 7 0	1°18'12	12♌ 6	10° 6	15°51	23°44	2°47	1°29	0°47	24° 8	18°51	23°30	22°37	13° 7	20° 2	W23
T 24	6 10 57	2°19'16	26°33	10°47	17° 6	23°41	2°57	1°28	0°45	24° 9	18°51	23°23	22°34	13°13	20° 3	T 24
F 25	6 14 53	3°20'22	10♍55	11°34	18°21	23°39	3° 8	1°27	0°42	24°10	18°50	23°18	22°31	13°20	20° 5	F 25
S 26	6 18 50	4°21'28	25° 8	12°26	19°37	23°38	3°19	1°26	0°39	24°11	18°49	23°16	22°28	13°27	20° 6	S 26
S 27	6 22 46	5°22'35	9♎11	13°23	20°52	23°D37	3°29	1°25	0°37	24°12	18°48	23°D16	22°25	13°33	20° 8	S 27
M28	6 26 43	6°23'43	23° 3	14°23	22° 8	23°38	3°40	1°25	0°34	24°13	18°48	23°R16	22°21	13°40	20° 9	M28
T 29	6 30 39	7°24'51	6♏44	15°26	23°23	23°39	3°51	1°24	0°32	24°14	18°47	23°16	22°18	13°47	20°11	T 29
W30	6 34 36	8°26'00	20°16	16°33	24°38	23°40	4° 2	1°24	0°29	24°15	18°46	23°13	22°15	13°53	20°12	W30
T 31	6 38 32	9♑27'09	3♐38	17♐42	25♐54	23♉43	4♓13	1♉23	0♋27	24♎16	18♉46	23♈ 7	22♈12	14♓ 0	20♓14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s47	10s16	0s 5	24s16	0s58	15s58	1n21	21n 4	1n21	12s39	1s 6	9n46	2s40	23n38	0n13	7s40	1n36	2n31	15s33	9n51	9n14	10s49	0s 5	4n18
W 2	21 56	16 10	1 20	23 57	0 41	16 20	1 19	21 2	1 24	12 37	1 6	9 45	2 40	23 38	0 13	7 41	1 37	2 31	15 33	9 50	9 12	10 46	0 5	4 17
T 3	22 5	21 12	2 29	23 37	0 23	16 41	1 17	21 0	1 26	12 34	1 6	9 44	2 40	23 38	0 13	7 41	1 37	2 31	15 33	9 49	9 11	10 43	0 6	4 17
F 4	22 13	25 0	3 28	23 15	0 3	17 3	1 16	20 58	1 29	12 31	1 6	9 44	2 39	23 38	0 13	7 42	1 37	2 31	15 33	9 47	9 10	10 40	0 6	4 17
S 5	22 21	27 22	4 15	22 51	0n17	17 23	1 14	20 56	1 31	12 28	1 5	9 43	2 39	23 39	0 13	7 42	1 37	2 30	15 33	9 44	9 9	10 37	0 6	4 17
S 6	22 28	28 8	4 47	22 26	0 37	17 43	1 12	20 54	1 33	12 25	1 5	9 42	2 39	23 39	0 13	7 43	1 37	2 30	15 33	9 41	9 8	10 34	0 6	4 16
M 7	22 35	27 22	5 4	21 59	0 57	18 3	1 10	20 52	1 35	12 22	1 5	9 41	2 39	23 39	0 14	7 43	1 37	2 30	15 32	9 38	9 7	10 30	0 6	4 16
T 8	22 42	25 12	5 5	21 32	1 17	18 22	1 8	20 51	1 37	12 19	1 5	9 41	2 38	23 39	0 14	7 44	1 37	2 30	15 32	9 34	9 5	10 27	0 7	4 16
W 9	22 48	21 55	4 53	21 5	1 36	18 41	1 6	20 49	1 39	12 16	1 5	9 40	2 38	23 39	0 14	7 45	1 37	2 30	15 32	9 32	9 4	10 24	0 7	4 15
T 10	22 54	17 46	4 28	20 40	1 53	18 59	1 4	20 47	1 41	12 13	1 5	9 39	2 38	23 39	0 14	7 45	1 37	2 30	15 32	9 30	9 3	10 21	0 7	4 15
F 11	22 59	12 58	3 51	20 15	2 8	19 17	1 2	20 46	1 43	12 10	1 5	9 39	2 38	23 39	0 14	7 46	1 37	2 30	15 32	9 28	9 2	10 18	0 7	4 15
S 12	23 4	7 44	3 4	19 54	2 21	19 34	1 0	20 44	1 45	12 6	1 4	9 38	2 37	23 39	0 14	7 46	1 37	2 30	15 31	9 28	9 1	10 15	0 7	4 14
S 13	23 8	2 13	2 10	19 35	2 32	19 51	0 58	20 43	1 46	12 3	1 4	9 37	2 37	23 39	0 14	7 46	1 37	2 30	15 31	9 28	9 0	10 11	0 7	4 14
M14	23 12	3n25	1 10	19 19	2 40	20 7	0 56	20 42	1 48	12 0	1 4	9 37	2 37	23 39	0 14	7 47	1 37	2 30	15 31	9 28	8 58	10 8	0 7	4 14
T 15	23 15	9 2	0 5	19 7	2 46	20 23	0 54	20 41	1 50	11 56	1 4	9 36	2 37	23 39	0 14	7 47	1 37	2 30	15 31	9 29	8 57	10 5	0 7	4 14
W16	23 18	14 26	1n 1	18 58	2 50	20 37	0 52	20 40	1 51	11 53	1 4	9 36	2 36	23 39	0 14	7 48	1 37	2 30	15 31	9 28	8 56	10 2	0 7	4 13
T 17	23 20	19 22	2 5	18 54	2 52	20 52	0 50	20 39	1 52	11 49	1 4	9 36	2 36	23 39	0 14	7 48	1 37	2 30	15 30	9 27	8 55	9 59	0 7	4 13
F 18	23 22	23 32	3 5	18 52	2 52	21 6	0 47	20 39	1 54	11 46	1 4	9 35	2 36	23 39	0 14	7 49	1 37	2 30	15 30	9 25	8 54	9 56	0 7	4 13
S 19	23 24	26 32	3 56	18 54	2 51	21 19	0 45	20 38	1 55	11 42	1 4	9 35	2 36	23 39	0 14	7 49	1 37	2 30	15 30	9 22	8 53	9 52	0 6	4 12
S 20	23 25	28 0	4 35	18 58	2 49	21 31	0 43	20 38	1 56	11 39	1 3	9 35	2 35	23 39	0 14	7 49	1 37	2 30	15 30	9 19	8 51	9 49	0 6	4 12
M21	23 25	27 42	4 57	19 5	2 45	21 43	0 40	20 38	1 58	11 35	1 3	9 34	2 35	23 39	0 14	7 50	1 37	2 30	15 30	9 15	8 50	9 46	0 6	4 12
T 22	23 26	25 33	5 2	19 14	2 40	21 54	0 38	20 38	1 59	11 31	1 3	9 34	2 35	23 39	0 14	7 50	1 38	2 30	15 29	9 11	8 49	9 43	0 6	4 11
W23	23 25	21 44	4 47	19 24	2 35	22 5	0 36	20 38	2 0	11 27	1 3	9 34	2 35	23 39	0 14	7 51	1 38	2 30	15 29	9 7	8 48	9 40	0 6	4 11
T 24	23 24	16 38	4 14	19 36	2 28	22 15	0 33	20 38	2 1	11 24	1 3	9 34	2 34	23 39	0 14	7 51	1 38	2 30	15 29	9 5	8 47	9 36	0 5	4 11
F 25	23 23	10 37	3 25	19 49	2 22	22 24	0 31	20 38	2 2	11 20	1 3	9 34	2 34	23 39	0 14	7 51	1 38	2 30	15 29	9 3	8 45	9 33	0 5	4 11
S 26	23 21	4 8	2 23	20 3	2 14	22 33	0 28	20 39	2 3	11 16	1 3	9 34	2 34	23 39	0 14	7 52	1 38	2 30	15 28	9 2	8 44	9 30	0 5	4 10
S 27	23 19	2s30	1 14	20 18	2 7	22 41	0 26	20 40	2 4	11 12	1 3	9 34	2 33	23 39	0 14	7 52	1 38	2 30	15 28	9 2	8 43	9 27	0 5	4 10
M28	23 16	8 56	0 1	20 33	1 59	22 48	0 24	20 41	2 4	11 8	1 3	9 34	2 33	23 39	0 14	7 52	1 38	2 30	15 28	9 2	8 42	9 24	0 4	4 10
T 29	23 13	14 52	1s11	20 48	1 51	22 55	0 21	20 41	2 5	11 4	1 3	9 34	2 33	23 39	0 14	7 53	1 38	2 30	15 28	9 2	8 41	9 20	0 4	4 9
W30	23 9	20 1	2 18	21 3	1 42	23 0	0 19	20 43	2 6	11 0	1 2	9 34	2 33	23 39	0 14	7 53	1 38	2 30	15 27	9 1	8 40	9 17	0 4	4 9
T 31	23s 5	24s 5	3s16	21s18	1n34	23s 6	0n16	20n44	2n 6	10s56	1s 2	9n34	2s32	23n39	0n14	7s53	1n38	2n30	15s27	8n59	8n38	9s14	0s 3	4n 9

Julian Day Number = 2494247.5, Delta T = 101.60 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'26, Lahiri = 25°29'26

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ASTRODIENST EPHEMERIS for the year 2117
geocentric

JANUARY 2117 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 42 29	10♑28'19	16♐50	18♐54	27♐ 9	23♉46	4♓24	1°R23	0°R24	24♎17	18°R45	22°R59	22♈ 9	14♓ 7	20♓16	F 1
S 2	6 46 26	11°29'29	29°50	20° 7	28°25	23°50	4°35	1♉23	0♋22	24°18	18♉44	22♈47	22° 6	14°13	20°17	S 2
S 3	6 50 22	12°30'39	12♑39	21°23	29°40	23°55	4°47	1°D23	0°19	24°19	18°44	22°34	22° 2	14°20	20°19	S 3
M 4	6 54 19	13°31'50	25°15	22°40	0♑55	24° 0	4°58	1°23	0°17	24°19	18°43	22°19	21°59	14°27	20°21	M 4
T 5	6 58 15	14°33'00	7♒38	23°59	2°11	24° 7	5°10	1°23	0°14	24°20	18°43	22° 6	21°56	14°33	20°23	T 5
W 6	7 2 12	15°34'10	19°48	25°19	3°26	24°13	5°22	1°23	0°12	24°21	18°42	21°53	21°53	14°40	20°25	W 6
T 7	7 6 8	16°35'20	1♓48	26°40	4°42	24°21	5°34	1°24	0° 9	24°21	18°41	21°44	21°50	14°47	20°27	T 7
F 8	7 10 5	17°36'30	13°40	28° 2	5°57	24°29	5°45	1°24	0° 7	24°22	18°41	21°37	21°47	14°53	20°29	F 8
S 9	7 14 1	18°37'39	25°28	29°25	7°12	24°38	5°57	1°25	0° 4	24°22	18°40	21°33	21°43	15° 0	20°31	S 9
S 10	7 17 58	19°38'48	7♈16	0♑49	8°28	24°48	6° 9	1°26	0° 2	24°23	18°40	21°31	21°40	15° 7	20°33	S 10
M11	7 21 55	20°39'56	19°10	2°14	9°43	24°58	6°22	1°26	29♊59	24°24	18°40	21°31	21°37	15°13	20°36	M11
T 12	7 25 51	21°41'05	1♉15	3°40	10°59	25° 9	6°34	1°27	29°57	24°24	18°39	21°31	21°34	15°20	20°38	T 12
W13	7 29 48	22°42'12	13°37	5° 6	12°14	25°20	6°46	1°29	29°55	24°24	18°39	21°30	21°31	15°27	20°40	W13
T 14	7 33 44	23°43'19	26°22	6°33	13°29	25°32	6°59	1°30	29°53	24°25	18°38	21°26	21°27	15°33	20°42	T 14
F 15	7 37 41	24°44'26	9♊32	8° 1	14°45	25°45	7°11	1°31	29°50	24°25	18°38	21°21	21°24	15°40	20°45	F 15
S 16	7 41 37	25°45'32	23°10	9°30	16° 0	25°58	7°24	1°32	29°48	24°26	18°38	21°12	21°21	15°47	20°47	S 16
S 17	7 45 34	26°46'37	7♋15	10°59	17°16	26°11	7°36	1°34	29°46	24°26	18°37	21° 1	21°18	15°54	20°50	S 17
M18	7 49 31	27°47'42	21°44	12°28	18°31	26°25	7°49	1°36	29°44	24°26	18°37	20°49	21°15	16° 0	20°52	M18
T 19	7 53 27	28°48'47	6♌30	13°58	19°46	26°40	8° 2	1°37	29°42	24°26	18°37	20°37	21°12	16° 7	20°55	T 19
W20	7 57 24	29°49'50	21°24	15°29	21° 2	26°55	8°15	1°39	29°39	24°27	18°36	20°27	21° 8	16°14	20°57	W20
T 21	8 1 20	0♒50'54	6♍18	17° 1	22°17	27°11	8°27	1°41	29°37	24°27	18°36	20°18	21° 5	16°20	21° 0	T 21
F 22	8 5 17	1°51'57	21° 3	18°33	23°33	27°27	8°40	1°43	29°35	24°27	18°36	20°13	21° 2	16°27	21° 3	F 22
S 23	8 9 13	2°52'59	5♎34	20° 5	24°48	27°44	8°53	1°45	29°33	24°27	18°36	20°10	20°59	16°34	21° 5	S 23
S 24	8 13 10	3°54'01	19°46	21°38	26° 3	28° 1	9° 7	1°48	29°31	24°27	18°35	20°D10	20°56	16°40	21° 8	S 24
M25	8 17 6	4°55'03	3♏40	23°12	27°19	28°19	9°20	1°50	29°29	24°R27	18°35	20°R10	20°53	16°47	21°11	M25
T 26	8 21 3	5°56'05	17°16	24°46	28°34	28°37	9°33	1°53	29°27	24°27	18°35	20° 9	20°49	16°54	21°14	T 26
W27	8 25 0	6°57'06	0♐35	26°21	29°49	28°55	9°46	1°55	29°25	24°27	18°35	20° 7	20°46	17° 0	21°17	W27
T 28	8 28 56	7°58'06	13°39	27°56	1♒ 5	29°14	10° 0	1°58	29°24	24°27	18°35	20° 2	20°43	17° 7	21°19	T 28
F 29	8 32 53	8°59'06	26°31	29°33	2°20	29°33	10°13	2° 1	29°22	24°27	18°35	19°54	20°40	17°14	21°22	F 29
S 30	8 36 49	10° 0'06	9♑12	1♒ 9	3°35	29°53	10°27	2° 3	29°20	24°27	18°35	19°44	20°37	17°20	21°25	S 30
S 31	8 40 46	11♒ 1'04	21♑41	2♒47	4♒51	0♊13	10♓40	2♉ 6	29♊18	24♎27	18♉35	19♈32	20♈33	17♓27	21♓28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23s 1	26s48	4s 3	21s32	1n26	23s10	0n14	20n45	2n 7	10s51	1s 2	9n34	2s32	23n39	0n14	7s53	1n38	2n30	15s27	8n56	8n37	9s11	0s 3	4n 9	
S 2	22 56	28 2	4 37	21 47	1 17	23 14	0 11	20 47	2 8	10 47	1 2	9 35	2 32	23 39	0 14	7 54	1 38	2 31	15 26	8 51	8 36	9 7	0 2	4 8	
S 3	22 50	27 44	4 55	22 0	1 9	23 17	0 9	20 49	2 8	10 43	1 2	9 35	2 31	23 39	0 14	7 54	1 38	2 31	15 26	8 46	8 35	9 4	0 2	4 8	
M 4	22 44	25 59	4 59	22 13	1 0	23 19	0 6	20 50	2 9	10 39	1 2	9 35	2 31	23 39	0 14	7 54	1 38	2 31	15 26	8 41	8 34	9 1	0 1	4 8	
T 5	22 38	23 0	4 49	22 26	0 52	23 21	0 4	20 52	2 9	10 34	1 2	9 35	2 31	23 39	0 14	7 54	1 38	2 31	15 26	8 36	8 32	8 58	0 1	4 7	
W 6	22 31	19 4	4 26	22 37	0 43	23 22	0 1	20 55	2 10	10 30	1 2	9 36	2 30	23 39	0 14	7 54	1 38	2 31	15 25	8 31	8 31	8 55	0 0	4 7	
T 7	22 24	14 25	3 51	22 48	0 35	23 22	0s 1	20 57	2 10	10 25	1 2	9 36	2 30	23 39	0 14	7 55	1 38	2 31	15 25	8 28	8 30	8 51	0n 0	4 7	
F 8	22 16	9 17	3 6	22 58	0 27	23 21	0 4	20 59	2 10	10 21	1 2	9 37	2 30	23 39	0 14	7 55	1 38	2 31	15 25	8 25	8 29	8 48	0 1	4 7	
S 9	22 8	3 50	2 13	23 7	0 19	23 20	0 6	21 2	2 11	10 17	1 2	9 37	2 30	23 39	0 14	7 55	1 39	2 32	15 24	8 24	8 28	8 45	0 1	4 6	
S 10	21 59	1n44	1 15	23 15	0 11	23 18	0 9	21 4	2 11	10 12	1 1	9 38	2 29	23 39	0 14	7 55	1 39	2 32	15 24	8 23	8 27	8 42	0 2	4 6	
M11	21 50	7 18	0 12	23 21	0 3	23 15	0 11	21 7	2 11	10 7	1 1	9 38	2 29	23 39	0 14	7 55	1 39	2 32	15 24	8 23	8 25	8 38	0 3	4 6	
T 12	21 41	12 42	0n51	23 27	0s 5	23 12	0 13	21 10	2 12	10 3	1 1	9 39	2 29	23 39	0 14	7 55	1 39	2 32	15 23	8 23	8 24	8 35	0 3	4 6	
W13	21 31	17 44	1 54	23 32	0 12	23 8	0 16	21 13	2 12	9 58	1 1	9 40	2 28	23 39	0 14	7 55	1 39	2 32	15 23	8 23	8 23	8 32	0 4	4 5	
T 14	21 21	22 8	2 53	23 35	0 20	23 3	0 18	21 16	2 12	9 54	1 1	9 40	2 28	23 39	0 14	7 56	1 39	2 32	15 23	8 21	8 22	8 29	0 5	4 5	
F 15	21 10	25 34	3 45	23 38	0 27	22 57	0 21	21 19	2 12	9 49	1 1	9 41	2 28	23 39	0 14	7 56	1 39	2 33	15 23	8 19	8 21	8 25	0 5	4 5	
S 16	20 59	27 40	4 26	23 39	0 34	22 51	0 23	21 23	2 12	9 44	1 1	9 42	2 28	23 39	0 14	7 56	1 39	2 33	15 22	8 16	8 19	8 22	0 6	4 5	
S 17	20 47	28 5	4 52	23 39	0 41	22 44	0 25	21 26	2 12	9 39	1 1	9 43	2 27	23 39	0 14	7 56	1 39	2 33	15 22	8 12	8 18	8 19	0 7	4 4	
M18	20 35	26 37	5 0	23 37	0 47	22 36	0 28	21 29	2 12	9 35	1 1	9 43	2 27	23 39	0 14	7 56	1 39	2 33	15 22	8 7	8 17	8 16	0 8	4 4	
T 19	20 23	23 18	4 49	23 35	0 54	22 28	0 30	21 33	2 13	9 30	1 1	9 44	2 27	23 39	0 14	7 56	1 39	2 34	15 21	8 3	8 16	8 12	0 8	4 4	
W20	20 11	18 26	4 18	23 31	1 0	22 19	0 32	21 37	2 13	9 25	1 1	9 45	2 26	23 39	0 14	7 56	1 39	2 34	15 21	7 59	8 15	8 9	0 9	4 4	
T 21	19 57	12 26	3 30	23 26	1 6	22 9	0 34	21 40	2 13	9 20	1 1	9 46	2 26	23 39	0 14	7 56	1 39	2 34	15 21	7 56	8 13	8 6	0 10	4 3	
F 22	19 44	5 48	2 27	23 19	1 11	21 58	0 36	21 44	2 13	9 15	1 1	9 47	2 26	23 39	0 14	7 56	1 39	2 34	15 20	7 54	8 12	8 2	0 11	4 3	
S 23	19 30	1s 2	1 16	23 12	1 17	21 47	0 39	21 48	2 13	9 10	1 1	9 48	2 26	23 39	0 14	7 56	1 39	2 35	15 20	7 53	8 11	7 59	0 12	4 3	
S 24	19 16	7 42	0 2	23 2	1 22	21 36	0 41	21 52	2 13	9 5	1 1	9 49	2 25	23 39	0 14	7 56	1 39	2 35	15 20	7 53	8 10	7 56	0 12	4 3	
M25	19 2	13 51	1s11	22 52	1 27	21 23	0 43	21 56	2 13	9 0	1 1	9 50	2 25	23 39	0 14	7 56	1 40	2 35	15 19	7 53	8 9	7 53	0 13	4 3	
T 26	18 47	19 11	2 18	22 40	1 32	21 10	0 45	22 0	2 12	8 55	1 0	9 51	2 25	23 39	0 14	7 56	1 40	2 35	15 19	7 52	8 7	7 49	0 14	4 2	
W27	18 31	23 28	3 17	22 27	1 36	20 57	0 47	22 4	2 12	8 50	1 0	9 52	2 24	23 39	0 14	7 56	1 40	2 36	15 19	7 52	8 6	7 46	0 15	4 2	
T 28	18 16	26 27	4 4	22 12	1 41	20 42	0 49	22 8	2 12	8 45	1 0	9 54	2 24	23 39	0 14	7 55	1 40	2 36	15 18	7 50	8 5	7 43	0 16	4 2	
F 29	18 0	28 0	4 37	21 56	1 44	20 27	0 51	22 12	2 12	8 40	1 0	9 55	2 24	23 39	0 14	7 55	1 40	2 36	15 18	7 47	8 4	7 40	0 17	4 2	
S 30	17 44	28 2	4 57	21 39	1 48	20 12	0 53	22 16	2 12	8 35	1 0	9 56	2 24	23 39	0 14	7 55	1 40	2 37	15 18	7 43	8 3	7 36	0 18	4 1	
S 31	17s27	26s38	5s 1	21s20	1s51	19s56	0s55	22n20	2n12	8s30	1s 0	9n57	2s23	23n39	0n14	7s55	1n40	2n37	15s17	7n38	8n 2	7s33	0n19	4n 1	

Julian Day Number = 2494278.5, Delta T = 101.64 sec
Ecliptic obliquity = 23°25'34, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'30, Lahiri = 25°29'31

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ASTRODIENST EPHEMERIS for the year 2117
geocentric

FEBRUARY 2117 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 44 42	12♒ 2'02	4♒ 1	4♒25	6♒ 6	0♊34	10♓54	2♉10	29°R16	24°R26	18°D35	19°R18	20♈30	17♓34	21♓31	M 1
T 2	8 48 39	13° 2'59	16°12	6° 3	7°22	0°54	11° 7	2°13	29♊15	24♎26	18♉35	19♈ 5	20°27	17°40	21°34	T 2
W 3	8 52 35	14° 3'54	28°14	7°43	8°37	1°16	11°21	2°16	29°13	24°26	18°35	18°54	20°24	17°47	21°38	W 3
T 4	8 56 32	15° 4'49	10♓ 8	9°23	9°52	1°37	11°35	2°19	29°12	24°25	18°35	18°45	20°21	17°54	21°41	T 4
F 5	9 0 29	16° 5'42	21°58	11° 4	11° 7	1°59	11°48	2°23	29°10	24°25	18°35	18°38	20°18	18° 0	21°44	F 5
S 6	9 4 25	17° 6'34	3♈44	12°45	12°23	2°21	12° 2	2°27	29° 9	24°25	18°35	18°35	20°14	18° 7	21°47	S 6
S 7	9 8 22	18° 7'25	15°32	14°28	13°38	2°44	12°16	2°30	29° 7	24°24	18°35	18°D33	20°11	18°14	21°50	S 7
M 8	9 12 18	19° 8'14	27°25	16°11	14°53	3° 7	12°30	2°34	29° 6	24°24	18°35	18°34	20° 8	18°20	21°53	M 8
T 9	9 16 15	20° 9'02	9♉28	17°55	16° 9	3°30	12°44	2°38	29° 4	24°23	18°35	18°35	20° 5	18°27	21°57	T 9
W10	9 20 11	21° 9'48	21°46	19°39	17°24	3°54	12°58	2°42	29° 3	24°23	18°36	18°R35	20° 2	18°34	22° 0	W10
T 11	9 24 8	22°10'33	4♊26	21°25	18°39	4°18	13°12	2°46	29° 2	24°22	18°36	18°34	19°59	18°40	22° 3	T 11
F 12	9 28 4	23°11'17	17°30	23°11	19°54	4°42	13°26	2°50	29° 1	24°22	18°36	18°31	19°55	18°47	22° 7	F 12
S 13	9 32 1	24°11'59	1♋ 4	24°58	21°10	5° 6	13°40	2°54	28°59	24°21	18°36	18°26	19°52	18°54	22°10	S 13
S 14	9 35 58	25°12'39	15° 7	26°45	22°25	5°31	13°54	2°59	28°58	24°21	18°36	18°19	19°49	19° 0	22°13	S 14
M15	9 39 54	26°13'18	29°39	28°34	23°40	5°56	14° 8	3° 3	28°57	24°20	18°37	18°11	19°46	19° 7	22°17	M15
T 16	9 43 51	27°13'55	14♌33	0♓23	24°55	6°21	14°23	3° 8	28°56	24°19	18°37	18° 3	19°43	19°14	22°20	T 16
W17	9 47 47	28°14'31	29°42	2°13	26°10	6°47	14°37	3°12	28°55	24°19	18°37	17°55	19°39	19°20	22°24	W17
T 18	9 51 44	29°15'05	14♍55	4° 3	27°26	7°12	14°51	3°17	28°54	24°18	18°38	17°49	19°36	19°27	22°27	T 18
F 19	9 55 40	0♓15'38	0♎ 2	5°54	28°41	7°38	15° 5	3°22	28°53	24°17	18°38	17°46	19°33	19°34	22°31	F 19
S 20	9 59 37	1°16'09	14°54	7°45	29°56	8° 4	15°20	3°26	28°53	24°16	18°39	17°D45	19°30	19°40	22°34	S 20
S 21	10 3 33	2°16'39	29°25	9°37	1♓11	8°31	15°34	3°31	28°52	24°15	18°39	17°45	19°27	19°47	22°38	S 21
M22	10 7 30	3°17'08	13♏33	11°28	2°26	8°57	15°48	3°36	28°51	24°14	18°39	17°46	19°24	19°54	22°41	M22
T 23	10 11 27	4°17'36	27°16	13°20	3°41	9°24	16° 3	3°41	28°50	24°14	18°40	17°47	19°20	20° 0	22°45	T 23
W24	10 15 23	5°18'02	10♐36	15°12	4°56	9°51	16°17	3°46	28°50	24°13	18°40	17°R47	19°17	20° 7	22°48	W24
T 25	10 19 20	6°18'28	23°35	17° 3	6°12	10°19	16°31	3°52	28°49	24°12	18°41	17°46	19°14	20°14	22°52	T 25
F 26	10 23 16	7°18'51	6♑17	18°53	7°27	10°46	16°46	3°57	28°49	24°11	18°41	17°42	19°11	20°20	22°55	F 26
S 27	10 27 13	8°19'14	18°45	20°43	8°42	11°14	17° 0	4° 2	28°48	24°10	18°42	17°37	19° 8	20°27	22°59	S 27
S 28	10 31 9	9♓19'35	1♒ 1	22♓31	9♓57	11♊42	17♓15	4♉ 8	28♊48	24♎ 9	18♉42	17♈31	19♈ 5	20♓34	23♓ 3	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s11	23s58	4s52	21s 0	1s54	19s39	0s56	22n24	2n12	8s24	1s 0	9n59	2s23	23n39	0n14	7s55	1n40	2n37	15s17	7n33	8n 0	7s30	0n20	4n 1
T 2	16 53	20 15	4 29	20 38	1 57	19 22	0 58	22 29	2 12	8 19	1 0	10 0	2 23	23 39	0 14	7 55	1 40	2 38	15 17	7 28	7 59	7 26	0 21	4 1
W 3	16 36	15 45	3 55	20 15	1 59	19 4	1 0	22 33	2 11	8 14	1 0	10 1	2 22	23 39	0 14	7 55	1 40	2 38	15 16	7 24	7 58	7 23	0 22	4 1
T 4	16 18	10 41	3 10	19 51	2 1	18 45	1 2	22 37	2 11	8 9	1 0	10 3	2 22	23 39	0 14	7 55	1 40	2 38	15 16	7 20	7 57	7 20	0 23	4 0
F 5	16 0	5 17	2 17	19 25	2 3	18 26	1 3	22 41	2 11	8 3	1 0	10 4	2 22	23 39	0 14	7 54	1 40	2 39	15 16	7 18	7 56	7 16	0 24	4 0
S 6	15 42	0n17	1 18	18 57	2 4	18 7	1 5	22 46	2 11	7 58	1 0	10 6	2 22	23 39	0 14	7 54	1 40	2 39	15 15	7 17	7 54	7 13	0 25	4 0
S 7	15 23	5 52	0 16	18 28	2 5	17 47	1 6	22 50	2 11	7 53	1 0	10 7	2 21	23 39	0 14	7 54	1 40	2 39	15 15	7 16	7 53	7 10	0 26	4 0
M 8	15 5	11 17	0n47	17 58	2 5	17 27	1 8	22 54	2 11	7 47	1 0	10 9	2 21	23 39	0 14	7 54	1 40	2 40	15 15	7 16	7 52	7 7	0 27	4 0
T 9	14 46	16 22	1 50	17 26	2 5	17 6	1 9	22 58	2 10	7 42	1 0	10 10	2 21	23 39	0 14	7 54	1 40	2 40	15 14	7 17	7 51	7 3	0 29	4 0
W10	14 26	20 54	2 48	16 53	2 5	16 44	1 11	23 3	2 10	7 37	1 0	10 12	2 21	23 39	0 14	7 53	1 40	2 40	15 14	7 17	7 50	7 0	0 30	3 59
T 11	14 7	24 38	3 41	16 19	2 4	16 22	1 12	23 7	2 10	7 31	1 0	10 14	2 20	23 39	0 14	7 53	1 41	2 41	15 14	7 16	7 48	6 57	0 31	3 59
F 12	13 47	27 12	4 23	15 43	2 3	16 0	1 13	23 11	2 10	7 26	1 0	10 15	2 20	23 39	0 14	7 53	1 41	2 41	15 13	7 15	7 47	6 53	0 32	3 59
S 13	13 27	28 18	4 53	15 5	2 1	15 37	1 15	23 16	2 9	7 20	1 0	10 17	2 20	23 39	0 14	7 53	1 41	2 42	15 13	7 13	7 46	6 50	0 33	3 59
S 14	13 7	27 38	5 6	14 27	1 58	15 14	1 16	23 20	2 9	7 15	1 0	10 19	2 20	23 39	0 14	7 52	1 41	2 42	15 13	7 11	7 45	6 47	0 34	3 59
M15	12 46	25 6	5 0	13 46	1 56	14 50	1 17	23 24	2 9	7 10	1 0	10 20	2 19	23 39	0 14	7 52	1 41	2 42	15 12	7 8	7 44	6 43	0 36	3 59
T 16	12 26	20 50	4 35	13 5	1 52	14 26	1 18	23 28	2 9	7 4	1 0	10 22	2 19	23 39	0 14	7 52	1 41	2 43	15 12	7 4	7 42	6 40	0 37	3 58
W17	12 5	15 9	3 49	12 22	1 48	14 1	1 19	23 32	2 8	6 59	1 0	10 24	2 19	23 39	0 14	7 51	1 41	2 43	15 12	7 2	7 41	6 37	0 38	3 58
T 18	11 44	8 31	2 48	11 38	1 44	13 36	1 20	23 36	2 8	6 53	1 0	10 26	2 19	23 39	0 14	7 51	1 41	2 44	15 11	6 59	7 40	6 33	0 39	3 58
F 19	11 22	1 26	1 34	10 52	1 39	13 11	1 21	23 40	2 8	6 48	1 0	10 28	2 18	23 39	0 14	7 51	1 41	2 44	15 11	6 58	7 39	6 30	0 40	3 58
S 20	11 1	5s38	0 15	10 6	1 33	12 46	1 21	23 44	2 7	6 42	1 0	10 29	2 18	23 39	0 14	7 50	1 41	2 44	15 11	6 58	7 38	6 27	0 42	3 58
S 21	10 39	12 14	1s 3	9 18	1 27	12 20	1 22	23 48	2 7	6 37	1 0	10 31	2 18	23 39	0 14	7 50	1 41	2 45	15 10	6 58	7 36	6 23	0 43	3 58
M22	10 18	18 2	2 15	8 29	1 20	11 53	1 23	23 52	2 7	6 31	1 0	10 33	2 18	23 39	0 14	7 50	1 41	2 45	15 10	6 58	7 35	6 20	0 44	3 58
T 23	9 56	22 44	3 17	7 39	1 12	11 27	1 24	23 56	2 6	6 25	1 0	10 35	2 17	23 39	0 14	7 49	1 41	2 46	15 10	6 59	7 34	6 17	0 46	3 57
W24	9 34	26 6	4 7	6 49	1 4	11 0	1 24	24 0	2 6	6 20	1 0	10 37	2 17	23 39	0 14	7 49	1 41	2 46	15 9	6 59	7 33	6 13	0 47	3 57
T 25	9 12	27 59	4 43	5 58	0 55	10 33	1 25	24 3	2 6	6 14	1 0	10 39	2 17	23 39	0 14	7 48	1 41	2 47	15 9	6 58	7 32	6 10	0 48	3 57
F 26	8 49	28 20	5 4	5 6	0 46	10 5	1 25	24 7	2 5	6 9	1 0	10 41	2 17	23 39	0 14	7 48	1 41	2 47	15 9	6 57	7 30	6 7	0 49	3 57
S 27	8 27	27 14	5 10	4 13	0 36	9 37	1 25	24 11	2 5	6 3	1 0	10 43	2 16	23 39	0 14	7 48	1 41	2 47	15 8	6 55	7 29	6 3	0 51	3 57
S 28	8s 4	24s49	5s 1	3s21	0s25	9s 9	1s26	24n14	2n 5	5s57	1s 0	10n45	2s16	23n39	0n14	7s47	1n41	2n48	15s 8	6n52	7n28	6s 0	0n52	3n57

Julian Day Number = 2494309.5, Delta T = 101.69 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'34, Lahiri = 25°29'35

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ASTRODIENST EPHEMERIS for the year 2117
geocentric

MARCH 2117 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 35 6	10♓19'54	13♒ 7	24♓17	11♓12	12♊10	17♓29	4♉13	28°R47	24°R 8	18♉43	17°R23	19♈ 1	20♓40	23♓ 6	M 1
T 2	10 39 2	11°20'11	25° 7	26° 1	12°27	12°38	17°44	4°19	28♊47	24♎ 7	18°44	17♈16	18°58	20°47	23°10	T 2
W 3	10 42 59	12°20'27	7♓ 0	27°42	13°42	13° 7	17°58	4°25	28°47	24° 5	18°44	17°10	18°55	20°54	23°14	W 3
T 4	10 46 56	13°20'42	18°50	29°21	14°57	13°35	18°13	4°30	28°47	24° 4	18°45	17° 5	18°52	21° 0	23°17	T 4
F 5	10 50 52	14°20'54	0♈38	0♈55	16°12	14° 4	18°27	4°36	28°47	24° 3	18°46	17° 2	18°49	21° 7	23°21	F 5
S 6	10 54 49	15°21'04	12°26	2°25	17°27	14°33	18°42	4°42	28°46	24° 2	18°46	17°D 1	18°45	21°13	23°25	S 6
S 7	10 58 45	16°21'13	24°16	3°50	18°42	15° 2	18°56	4°48	28°D46	24° 1	18°47	17° 1	18°42	21°20	23°28	S 7
M 8	11 2 42	17°21'20	6♉13	5°10	19°57	15°31	19°11	4°54	28°46	23°59	18°48	17° 2	18°39	21°27	23°32	M 8
T 9	11 6 38	18°21'24	18°18	6°23	21°12	16° 1	19°25	5° 0	28°47	23°58	18°48	17° 4	18°36	21°33	23°36	T 9
W10	11 10 35	19°21'27	0♊38	7°30	22°27	16°31	19°40	5° 6	28°47	23°57	18°49	17° 6	18°33	21°40	23°39	W10
T 11	11 14 31	20°21'27	13°15	8°30	23°42	17° 0	19°54	5°12	28°47	23°56	18°50	17° 7	18°30	21°47	23°43	T 11
F 12	11 18 28	21°21'25	26°15	9°23	24°56	17°30	20° 9	5°18	28°47	23°54	18°51	17°R 7	18°26	21°53	23°47	F 12
S 13	11 22 24	22°21'22	9♋40	10° 8	26°11	18° 0	20°23	5°25	28°47	23°53	18°52	17° 6	18°23	22° 0	23°51	S 13
S 14	11 26 21	23°21'15	23°32	10°44	27°26	18°30	20°38	5°31	28°48	23°52	18°52	17° 4	18°20	22° 7	23°54	S 14
M15	11 30 18	24°21'07	7♌53	11°12	28°41	19° 1	20°52	5°37	28°48	23°50	18°53	17° 1	18°17	22°13	23°58	M15
T 16	11 34 14	25°20'57	22°37	11°31	29°56	19°31	21° 7	5°44	28°49	23°49	18°54	16°58	18°14	22°20	24° 2	T 16
W17	11 38 11	26°20'44	7♍41	11°42	1♈10	20° 2	21°21	5°50	28°49	23°48	18°55	16°55	18°10	22°27	24° 5	W17
T 18	11 42 7	27°20'29	22°55	11°R44	2°25	20°33	21°36	5°57	28°50	23°46	18°56	16°53	18° 7	22°33	24° 9	T 18
F 19	11 46 4	28°20'12	8♎ 9	11°38	3°40	21° 3	21°50	6° 3	28°50	23°45	18°57	16°52	18° 4	22°40	24°13	F 19
S 20	11 50 0	29°19'53	23°14	11°23	4°55	21°34	22° 4	6°10	28°51	23°43	18°58	16°D52	18° 1	22°47	24°16	S 20
S 21	11 53 57	0♈19'33	8♏ 0	11° 1	6° 9	22° 5	22°19	6°17	28°52	23°42	18°59	16°53	17°58	22°53	24°20	S 21
M22	11 57 53	1°19'10	22°23	10°32	7°24	22°37	22°33	6°24	28°52	23°40	19° 0	16°54	17°55	23° 0	24°24	M22
T 23	12 1 50	2°18'46	6♐20	9°57	8°39	23° 8	22°48	6°30	28°53	23°39	19° 0	16°55	17°51	23° 7	24°28	T 23
W24	12 5 47	3°18'21	19°49	9°16	9°53	23°39	23° 2	6°37	28°54	23°37	19° 1	16°56	17°48	23°13	24°31	W24
T 25	12 9 43	4°17'53	2♑54	8°31	11° 8	24°11	23°17	6°44	28°55	23°36	19° 2	16°R56	17°45	23°20	24°35	T 25
F 26	12 13 40	5°17'24	15°36	7°42	12°22	24°42	23°31	6°51	28°56	23°34	19° 3	16°56	17°42	23°27	24°39	F 26
S 27	12 17 36	6°16'53	28° 0	6°51	13°37	25°14	23°45	6°58	28°57	23°33	19° 5	16°55	17°39	23°33	24°42	S 27
S 28	12 21 33	7°16'21	10♒10	5°59	14°51	25°46	24° 0	7° 5	28°58	23°31	19° 6	16°54	17°36	23°40	24°46	S 28
M29	12 25 29	8°15'46	22° 9	5° 6	16° 6	26°18	24°14	7°12	28°59	23°30	19° 7	16°53	17°32	23°47	24°49	M29
T 30	12 29 26	9°15'10	4♓ 2	4°14	17°20	26°50	24°28	7°19	29° 0	23°28	19° 8	16°52	17°29	23°53	24°53	T 30
W31	12 33 22	10♈14'31	15♓50	3♈25	18♈35	27♊22	24♓42	7♉26	29♊ 2	23♎26	19♉ 9	16♈51	17♈26	24♓ 0	24♓57	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s41	21s20	4s40	2s29	0s14	8s41	1s26	24n18	2n 4	5s52	1s 0	10n47	2s16	23n39	0n14	7s47	1n41	2n48	15s 8	6n49	7n27	5s57	0n53	3n57
T 2	7 19	17 0	4 6	1 36	0 2	8 13	1 26	24 21	2 4	5 46	1 0	10 49	2 16	23 39	0 14	7 46	1 41	2 49	15 7	6 47	7 26	5 53	0 55	3 57
W 3	6 56	12 3	3 21	0 45	0n11	7 44	1 26	24 24	2 4	5 41	1 0	10 51	2 16	23 39	0 14	7 46	1 42	2 49	15 7	6 44	7 24	5 50	0 56	3 57
T 4	6 33	6 41	2 28	0n 6	0 24	7 15	1 26	24 28	2 3	5 35	1 0	10 53	2 15	23 39	0 14	7 45	1 42	2 50	15 7	6 43	7 23	5 47	0 57	3 56
F 5	6 9	1 6	1 28	0 56	0 37	6 46	1 26	24 31	2 3	5 29	1 0	10 55	2 15	23 39	0 14	7 45	1 42	2 50	15 6	6 41	7 22	5 43	0 59	3 56
S 6	5 46	4n31	0 25	1 44	0 50	6 17	1 26	24 34	2 3	5 24	1 0	10 58	2 15	23 39	0 14	7 45	1 42	2 51	15 6	6 41	7 21	5 40	1 0	3 56
S 7	5 23	10 1	0n40	2 30	1 4	5 47	1 26	24 37	2 2	5 18	1 0	11 0	2 15	23 39	0 14	7 44	1 42	2 51	15 6	6 41	7 19	5 37	1 2	3 56
M 8	5 0	15 13	1 43	3 15	1 18	5 18	1 26	24 40	2 2	5 12	1 0	11 2	2 15	23 39	0 14	7 44	1 42	2 52	15 5	6 41	7 18	5 33	1 3	3 56
T 9	4 36	19 53	2 43	3 56	1 32	4 48	1 26	24 43	2 2	5 7	1 0	11 4	2 14	23 39	0 14	7 43	1 42	2 52	15 5	6 42	7 17	5 30	1 4	3 56
W10	4 13	23 49	3 37	4 36	1 46	4 18	1 25	24 45	2 1	5 1	1 0	11 6	2 14	23 39	0 14	7 43	1 42	2 53	15 5	6 43	7 16	5 27	1 6	3 56
T 11	3 49	26 42	4 22	5 12	1 59	3 48	1 25	24 48	2 1	4 55	1 0	11 8	2 14	23 39	0 14	7 42	1 42	2 53	15 5	6 43	7 15	5 23	1 7	3 56
F 12	3 26	28 17	4 54	5 45	2 12	3 18	1 24	24 50	2 1	4 50	1 0	11 11	2 14	23 39	0 14	7 42	1 42	2 54	15 4	6 43	7 13	5 20	1 8	3 56
S 13	3 2	28 16	5 12	6 14	2 25	2 48	1 24	24 53	2 0	4 44	1 0	11 13	2 14	23 39	0 14	7 41	1 42	2 54	15 4	6 43	7 12	5 17	1 10	3 56
S 14	2 38	26 31	5 13	6 39	2 37	2 18	1 23	24 55	2 0	4 38	1 0	11 15	2 14	23 39	0 14	7 40	1 42	2 54	15 4	6 42	7 11	5 13	1 11	3 56
M15	2 15	23 2	4 54	7 0	2 48	1 47	1 23	24 57	1 59	4 33	1 0	11 17	2 13	23 39	0 14	7 40	1 42	2 55	15 3	6 41	7 10	5 10	1 13	3 56
T 16	1 51	18 0	4 16	7 17	2 58	1 17	1 22	24 59	1 59	4 27	1 0	11 20	2 13	23 39	0 14	7 39	1 42	2 55	15 3	6 40	7 9	5 7	1 14	3 56
W17	1 27	11 46	3 20	7 30	3 7	0 46	1 21	25 1	1 59	4 21	1 0	11 22	2 13	23 39	0 14	7 39	1 42	2 56	15 3	6 39	7 7	5 3	1 16	3 56
T 18	1 3	4 47	2 8	7 38	3 15	0 16	1 20	25 3	1 58	4 16	1 1	11 24	2 13	23 39	0 14	7 38	1 42	2 56	15 3	6 38	7 6	5 0	1 17	3 55
F 19	0 40	2s30	0 48	7 41	3 21	0n14	1 19	25 5	1 58	4 10	1 1	11 27	2 13	23 39	0 14	7 38	1 42	2 57	15 2	6 37	7 5	4 56	1 18	3 55
S 20	0 16	9 34	0s35	7 40	3 26	0 45	1 18	25 7	1 57	4 4	1 1	11 29	2 13	23 39	0 14	7 37	1 42	2 57	15 2	6 37	7 4	4 53	1 20	3 55
S 21	0n 8	15 58	1 54	7 34	3 29	1 15	1 17	25 8	1 57	3 59	1 1	11 31	2 12	23 39	0 14	7 37	1 42	2 58	15 2	6 38	7 3	4 50	1 21	3 55
M22	0 31	21 19	3 4	7 24	3 31	1 46	1 16	25 10	1 57	3 53	1 1	11 34	2 12	23 39	0 14	7 36	1 42	2 58	15 2	6 38	7 1	4 46	1 23	3 55
T 23	0 55	25 18	4 1	7 10	3 30	2 16	1 15	25 11	1 56	3 47	1 1	11 36	2 12	23 39	0 14	7 35	1 42	2 59	15 1	6 39	7 0	4 43	1 24	3 55
W24	1 19	27 44	4 42	6 52	3 28	2 47	1 14	25 12	1 56	3 42	1 1	11 38	2 12	23 39	0 14	7 35	1 42	2 59	15 1	6 39	6 59	4 40	1 25	3 55
T 25	1 42	28 31	5 7	6 30	3 24	3 17	1 13	25 13	1 56	3 36	1 1	11 41	2 12	23 39	0 14	7 34	1 42	3 0	15 1	6 39	6 58	4 36	1 27	3 55
F 26	2 6	27 45	5 17	6 5	3 18	3 47	1 12	25 14	1 55	3 30	1 1	11 43	2 12	23 39	0 14	7 34	1 42	3 0	15 1	6 39	6 57	4 33	1 28	3 55
S 27	2 30	25 38	5 11	5 38	3 11	4 17	1 10	25 15	1 55	3 25	1 1	11 46	2 11	23 39	0 14	7 33	1 42	3 1	15 0	6 39	6 55	4 29	1 30	3 55
S 28	2 53	22 21	4 51	5 9	3 1	4 48	1 9	25 16	1 54	3 19	1 1	11 48	2 11	23 39	0 14	7 33	1 42	3 1	15 0	6 38	6 54	4 26	1 31	3 55
M29	3 17	18 12	4 19	4 38	2 50	5 18	1 7	25 16	1 54	3 14	1 1	11 50	2 11	23 39	0 14	7 32	1 42	3 2	15 0	6 38	6 53	4 23	1 33	3 55
T 30	3 40	13 23	3 36	4 6	2 38	5 48	1 6	25 17	1 54	3 8	1 1	11 53	2 11	23 39	0 14	7 31	1 42	3 2	15 0	6 37	6 52	4 19	1 34	3 55
W31	4n 3	8s 6	2s44	3n34	2n25	6n17	1s 4	25n17	1n53	3s 2	1s 1	11n55	2s11	23n39	0n14	7s31	1n42	3n 3	15s 0	6n37	6n50	4s16	1n35	3n55

Julian Day Number = 2494337.5, Delta T = 101.73 sec
Ecliptic obliquity = 23°25'36, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'38, Lahiri = 25°29'39

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ASTRODIENST EPHEMERIS for the year 2117
geocentric

APRIL 2117 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 19	11♈13'51	27♓38	2°R37	19♈49	27♊54	24♓57	7♉33	29♊ 3	23°R25	19♉10	16°R50	17♈23	24♓ 7	25♓ 0	T 1
F 2	12 41 16	12°13'08	9♈27	1♈54	21° 4	28°26	25°11	7°41	29° 4	23♎23	19°11	16♈50	17°20	24°13	25° 4	F 2
S 3	12 45 12	13°12'24	21°19	1°14	22°18	28°59	25°25	7°48	29° 6	23°22	19°12	16°D50	17°16	24°20	25° 7	S 3
S 4	12 49 9	14°11'38	3♉17	0°39	23°33	29°31	25°39	7°55	29° 7	23°20	19°13	16°50	17°13	24°27	25°11	S 4
M 5	12 53 5	15°10'49	15°23	0°10	24°47	0♋ 4	25°53	8° 2	29° 8	23°18	19°14	16°50	17°10	24°33	25°14	M 5
T 6	12 57 2	16° 9'59	27°39	29♓45	26° 1	0°36	26° 7	8°10	29°10	23°17	19°16	16°50	17° 7	24°40	25°18	T 6
W 7	13 0 58	17° 9'06	10♊ 7	29°26	27°16	1° 9	26°21	8°17	29°12	23°15	19°17	16°R50	17° 4	24°47	25°22	W 7
T 8	13 4 55	18° 8'11	22°50	29°13	28°30	1°42	26°35	8°24	29°13	23°13	19°18	16°50	17° 1	24°53	25°25	T 8
F 9	13 8 51	19° 7'14	5♋52	29° 5	29°44	2°15	26°49	8°32	29°15	23°12	19°19	16°50	16°57	25° 0	25°28	F 9
S 10	13 12 48	20° 6'14	19°13	29°D 2	0♉59	2°48	27° 3	8°39	29°17	23°10	19°20	16°D50	16°54	25° 7	25°32	S 10
S 11	13 16 45	21° 5'12	2♌56	29° 5	2°13	3°21	27°17	8°47	29°18	23° 9	19°21	16°50	16°51	25°13	25°35	S 11
M12	13 20 41	22° 4'08	17° 2	29°13	3°27	3°54	27°31	8°54	29°20	23° 7	19°23	16°50	16°48	25°20	25°39	M12
T 13	13 24 38	23° 3'01	1♍29	29°27	4°41	4°27	27°45	9° 2	29°22	23° 5	19°24	16°51	16°45	25°26	25°42	T 13
W14	13 28 34	24° 1'53	16°14	29°45	5°55	5° 0	27°59	9° 9	29°24	23° 4	19°25	16°51	16°42	25°33	25°46	W14
T 15	13 32 31	25° 0'41	1♎12	0♈ 8	7° 9	5°34	28°12	9°17	29°26	23° 2	19°26	16°52	16°38	25°40	25°49	T 15
F 16	13 36 27	25°59'28	16°15	0°35	8°24	6° 7	28°26	9°24	29°28	23° 0	19°28	16°R52	16°35	25°46	25°52	F 16
S 17	13 40 24	26°58'13	1♏15	1° 7	9°38	6°40	28°40	9°32	29°30	22°59	19°29	16°52	16°32	25°53	25°55	S 17
S 18	13 44 20	27°56'56	16° 3	1°43	10°52	7°14	28°53	9°39	29°32	22°57	19°30	16°51	16°29	26° 0	25°59	S 18
M19	13 48 17	28°55'37	0♐32	2°22	12° 6	7°47	29° 7	9°47	29°34	22°55	19°31	16°50	16°26	26° 6	26° 2	M19
T 20	13 52 14	29°54'16	14°37	3° 6	13°20	8°21	29°20	9°54	29°36	22°54	19°33	16°48	16°22	26°13	26° 5	T 20
W21	13 56 10	0♑52'54	28°15	3°53	14°34	8°55	29°34	10° 2	29°38	22°52	19°34	16°47	16°19	26°20	26° 8	W21
T 22	14 0 7	1°51'30	11♒27	4°43	15°48	9°28	29°47	10°10	29°41	22°50	19°35	16°45	16°16	26°26	26°12	T 22
F 23	14 4 3	2°50'04	24°15	5°37	17° 1	10° 2	0♈ 1	10°17	29°43	22°49	19°37	16°44	16°13	26°33	26°15	F 23
S 24	14 8 0	3°48'37	6♓41	6°34	18°15	10°36	0°14	10°25	29°45	22°47	19°38	16°D44	16°10	26°40	26°18	S 24
S 25	14 11 56	4°47'07	18°51	7°33	19°29	11°10	0°27	10°33	29°48	22°46	19°39	16°45	16° 7	26°46	26°21	S 25
M26	14 15 53	5°45'37	0♓49	8°36	20°43	11°44	0°40	10°40	29°50	22°44	19°41	16°46	16° 3	26°53	26°24	M26
T 27	14 19 49	6°44'04	12°39	9°41	21°57	12°18	0°53	10°48	29°52	22°42	19°42	16°47	16° 0	27° 0	26°27	T 27
W28	14 23 46	7°42'30	24°26	10°48	23°11	12°52	1° 6	10°56	29°55	22°41	19°43	16°49	15°57	27° 6	26°30	W28
T 29	14 27 43	8°40'54	6♈14	11°59	24°24	13°26	1°19	11° 3	29°57	22°39	19°45	16°50	15°54	27°13	26°33	T 29
F 30	14 31 39	9♉39'17	18♈ 6	13♈11	25♉38	14♋ 0	1♈32	11♉11	29♊59	22♎38	19♉46	16°R50	15♈51	27♓20	26♓36	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n26	2s33	1s45	3n 2	2n11	6n47	1s 3	25n17	1n53	2s57	1s 1	11n58	2s11	23n39	0n14	7s30	1n42	3n 3	14s59	6n37	6n49	4s13	1n37	3n55
F 2	4 50	3n 7	0 41	2 31	1 56	7 16	1 1	25 17	1 52	2 51	1 2	12 0	2 11	23 39	0 14	7 30	1 42	3 4	14 59	6 37	6 48	4 9	1 38	3 55
S 3	5 13	8 42	0n25	2 1	1 40	7 46	0 59	25 17	1 52	2 46	1 2	12 3	2 11	23 39	0 14	7 29	1 42	3 4	14 59	6 37	6 47	4 6	1 40	3 55
S 4	5 36	14 1	1 30	1 33	1 24	8 15	0 57	25 17	1 52	2 40	1 2	12 5	2 10	23 39	0 14	7 28	1 42	3 5	14 59	6 37	6 46	4 2	1 41	3 55
M 5	5 59	18 52	2 32	1 6	1 8	8 44	0 56	25 17	1 51	2 35	1 2	12 7	2 10	23 39	0 14	7 28	1 43	3 5	14 58	6 37	6 44	3 59	1 42	3 55
T 6	6 21	23 0	3 28	0 42	0 52	9 13	0 54	25 16	1 51	2 29	1 2	12 10	2 10	23 39	0 14	7 27	1 43	3 6	14 58	6 37	6 43	3 56	1 44	3 55
W 7	6 44	26 9	4 15	0 20	0 36	9 41	0 52	25 16	1 50	2 24	1 2	12 12	2 10	23 39	0 14	7 26	1 43	3 6	14 58	6 37	6 42	3 52	1 45	3 55
T 8	7 7	28 4	4 50	0 0	0 21	10 9	0 50	25 15	1 50	2 18	1 2	12 15	2 10	23 39	0 14	7 26	1 43	3 7	14 58	6 37	6 41	3 49	1 47	3 55
F 9	7 29	28 29	5 12	0s17	0 5	10 38	0 48	25 14	1 49	2 13	1 2	12 17	2 10	23 39	0 14	7 25	1 43	3 7	14 58	6 37	6 40	3 45	1 48	3 55
S 10	7 51	27 17	5 17	0 32	0s10	11 5	0 46	25 13	1 49	2 7	1 2	12 20	2 10	23 39	0 14	7 25	1 43	3 7	14 58	6 37	6 38	3 42	1 49	3 55
S 11	8 13	24 26	5 5	0 44	0 24	11 33	0 44	25 12	1 49	2 2	1 2	12 22	2 10	23 39	0 14	7 24	1 43	3 8	14 57	6 37	6 37	3 39	1 51	3 55
M12	8 35	20 5	4 35	0 53	0 38	12 0	0 42	25 10	1 48	1 56	1 2	12 25	2 10	23 39	0 14	7 23	1 43	3 8	14 57	6 37	6 36	3 35	1 52	3 55
T 13	8 57	14 28	3 46	1 0	0 51	12 27	0 40	25 9	1 48	1 51	1 3	12 27	2 10	23 39	0 14	7 23	1 43	3 9	14 57	6 37	6 35	3 32	1 54	3 55
W14	9 19	7 55	2 42	1 4	1 3	12 54	0 37	25 7	1 47	1 46	1 3	12 29	2 10	23 39	0 14	7 22	1 43	3 9	14 57	6 37	6 33	3 28	1 55	3 55
T 15	9 41	0 50	1 26	1 6	1 15	13 20	0 35	25 6	1 47	1 40	1 3	12 32	2 9	23 39	0 14	7 22	1 43	3 10	14 57	6 37	6 32	3 25	1 56	3 55
F 16	10 2	6s20	0 3	1 5	1 26	13 46	0 33	25 4	1 47	1 35	1 3	12 34	2 9	23 39	0 14	7 21	1 43	3 10	14 57	6 37	6 31	3 22	1 58	3 55
S 17	10 23	13 8	1s19	1 2	1 37	14 12	0 31	25 2	1 46	1 30	1 3	12 37	2 9	23 39	0 14	7 20	1 43	3 11	14 56	6 37	6 30	3 18	1 59	3 55
S 18	10 44	19 6	2 35	0 57	1 47	14 37	0 28	24 59	1 46	1 24	1 3	12 39	2 9	23 39	0 14	7 20	1 43	3 11	14 56	6 37	6 29	3 15	2 0	3 56
M19	11 5	23 49	3 39	0 50	1 56	15 3	0 26	24 57	1 45	1 19	1 3	12 42	2 9	23 39	0 14	7 19	1 43	3 12	14 56	6 37	6 27	3 11	2 2	3 56
T 20	11 26	26 59	4 28	0 40	2 4	15 27	0 24	24 55	1 45	1 14	1 3	12 44	2 9	23 39	0 14	7 19	1 43	3 12	14 56	6 36	6 26	3 8	2 3	3 56
W21	11 46	28 25	5 0	0 29	2 12	15 51	0 21	24 52	1 45	1 9	1 3	12 47	2 9	23 39	0 14	7 18	1 43	3 13	14 56	6 35	6 25	3 5	2 4	3 56
T 22	12 7	28 10	5 15	0 15	2 19	16 15	0 19	24 49	1 44	1 3	1 4	12 49	2 9	23 39	0 14	7 17	1 43	3 13	14 56	6 35	6 24	3 1	2 6	3 56
F 23	12 27	26 24	5 14	0n 0	2 25	16 39	0 17	24 46	1 44	0 58	1 4	12 51	2 9	23 39	0 14	7 17	1 43	3 13	14 56	6 34	6 22	2 58	2 7	3 56
S 24	12 47	23 23	4 58	0 17	2 31	17 2	0 14	24 43	1 43	0 53	1 4	12 54	2 9	23 39	0 14	7 16	1 43	3 14	14 56	6 34	6 21	2 54	2 8	3 56
S 25	13 7	19 25	4 28	0 36	2 36	17 24	0 12	24 40	1 43	0 48	1 4	12 56	2 9	23 39	0 14	7 16	1 43	3 14	14 55	6 35	6 20	2 51	2 10	3 56
M26	13 26	14 44	3 48	0 57	2 41	17 46	0 9	24 37	1 42	0 43	1 4	12 59	2 9	23 39	0 14	7 15	1 43	3 15	14 55	6 35	6 19	2 48	2 11	3 56
T 27	13 45	9 33	2 58	1 19	2 44	18 8	0 7	24 33	1 42	0 38	1 4	13 1	2 9	23 39	0 14	7 14	1 43	3 15	14 55	6 36	6 18	2 44	2 12	3 56
W28	14 4	4 3	2 1	1 42	2 48	18 29	0 4	24 29	1 42	0 33	1 4	13 4	2 9	23 39	0 14	7 14	1 43	3 16	14 55	6 36	6 16	2 41	2 13	3 56
T 29	14 23	1n35	0 58	2 7	2 50	18 50	0 2	24 26	1 41	0 28	1 4	13 6	2 9	23 39	0 14	7 13	1 43	3 16	14 55	6 37	6 15	2 37	2 15	3 56
F 30	14n42	7n12	0n 7	2n34	2s52	19n10	0n 1	24n22	1n41	0s23	1s 5	13n 8	2s 9	23n39	0n14	7s13	1n43	3n16	14s55	6n37	6n14	2s34	2n16	3n56

Julian Day Number = 2494368.5, Delta T = 101.78 sec
Ecliptic obliquity = 23°25'36, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'43, Lahiri = 25°29'43

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ASTRODIENST EPHEMERIS for the year 2117
geocentric

MAY 2117 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 36	10♉37'38	0♉ 6	14♈26	26♉52	14♋35	1♈45	11♉19	0♋ 3	22°R36	19♉47	16°R50	15♈47	27♓26	26♓39	S 1
S 2	14 39 32	11°35'57	12°15	15°44	28° 6	15° 9	1°58	11°27	0° 5	22♎35	19°49	16♈48	15°44	27°33	26°42	S 2
M 3	14 43 29	12°34'15	24°35	17° 3	29°19	15°43	2°11	11°34	0° 8	22°33	19°50	16°45	15°41	27°40	26°44	M 3
T 4	14 47 25	13°32'30	7♊ 7	18°25	0♊33	16°18	2°23	11°42	0°11	22°32	19°51	16°41	15°38	27°46	26°47	T 4
W 5	14 51 22	14°30'44	19°53	19°49	1°47	16°52	2°36	11°50	0°13	22°30	19°53	16°36	15°35	27°53	26°50	W 5
T 6	14 55 18	15°28'56	2♋52	21°15	3° 0	17°26	2°48	11°57	0°16	22°29	19°54	16°32	15°32	28° 0	26°53	T 6
F 7	14 59 15	16°27'06	16° 5	22°43	4°14	18° 1	3° 1	12° 5	0°19	22°27	19°55	16°28	15°28	28° 6	26°55	F 7
S 8	15 3 12	17°25'14	29°32	24°13	5°27	18°36	3°13	12°13	0°22	22°26	19°57	16°26	15°25	28°13	26°58	S 8
S 9	15 7 8	18°23'20	13♌15	25°45	6°41	19°10	3°26	12°20	0°24	22°24	19°58	16°D24	15°22	28°19	27° 1	S 9
M10	15 11 5	19°21'24	27°12	27°19	7°54	19°45	3°38	12°28	0°27	22°23	19°59	16°24	15°19	28°26	27° 3	M10
T 11	15 15 1	20°19'27	11♍24	28°55	9° 8	20°20	3°50	12°36	0°30	22°21	20° 1	16°26	15°16	28°33	27° 6	T 11
W12	15 18 58	21°17'27	25°48	0♉33	10°21	20°54	4° 2	12°43	0°33	22°20	20° 2	16°27	15°13	28°39	27° 8	W12
T 13	15 22 54	22°15'25	10♎23	2°13	11°35	21°29	4°14	12°51	0°36	22°19	20° 3	16°R28	15° 9	28°46	27°11	T 13
F 14	15 26 51	23°13'21	25° 3	3°55	12°48	22° 4	4°26	12°59	0°39	22°17	20° 5	16°28	15° 6	28°53	27°13	F 14
S 15	15 30 47	24°11'16	9♏43	5°39	14° 1	22°39	4°38	13° 6	0°42	22°16	20° 6	16°26	15° 3	28°59	27°15	S 15
S 16	15 34 44	25° 9'10	24°17	7°25	15°14	23°14	4°49	13°14	0°45	22°14	20° 8	16°22	15° 0	29° 6	27°18	S 16
M17	15 38 41	26° 7'02	8♐37	9°13	16°28	23°49	5° 1	13°21	0°48	22°13	20° 9	16°17	14°57	29°13	27°20	M17
T 18	15 42 37	27° 4'52	22°38	11° 3	17°41	24°24	5°13	13°29	0°51	22°12	20°10	16°11	14°53	29°19	27°22	T 18
W19	15 46 34	28° 2'41	6♑17	12°55	18°54	24°59	5°24	13°36	0°55	22°11	20°12	16° 4	14°50	29°26	27°24	W19
T 20	15 50 30	29° 0'29	19°31	14°49	20° 7	25°34	5°35	13°44	0°58	22° 9	20°13	15°58	14°47	29°33	27°27	T 20
F 21	15 54 27	29°58'16	2♒22	16°45	21°21	26° 9	5°47	13°52	1° 1	22° 8	20°14	15°53	14°44	29°39	27°29	F 21
S 22	15 58 23	0♊56'01	14°51	18°43	22°34	26°44	5°58	13°59	1° 4	22° 7	20°16	15°50	14°41	29°46	27°31	S 22
S 23	16 2 20	1°53'46	27° 3	20°43	23°47	27°19	6° 9	14° 6	1° 7	22° 6	20°17	15°D48	14°38	29°53	27°33	S 23
M24	16 6 16	2°51'29	9♓ 1	22°45	25° 0	27°54	6°20	14°14	1°11	22° 5	20°18	15°49	14°34	29°59	27°35	M24
T 25	16 10 13	3°49'11	20°52	24°48	26°13	28°30	6°31	14°21	1°14	22° 3	20°20	15°50	14°31	0♈ 6	27°37	T 25
W26	16 14 10	4°46'52	2♈40	26°53	27°26	29° 5	6°42	14°29	1°17	22° 2	20°21	15°51	14°28	0°13	27°39	W26
T 27	16 18 6	5°44'32	14°30	29° 0	28°39	29°40	6°52	14°36	1°20	22° 1	20°22	15°R52	14°25	0°19	27°40	T 27
F 28	16 22 3	6°42'11	26°26	1♊ 8	29°52	0♌16	7° 3	14°43	1°24	22° 0	20°24	15°51	14°22	0°26	27°42	F 28
S 29	16 25 59	7°39'49	8♉34	3°17	1♋ 5	0°51	7°13	14°51	1°27	21°59	20°25	15°48	14°19	0°32	27°44	S 29
S 30	16 29 56	8°37'26	20°55	5°28	2°18	1°26	7°24	14°58	1°30	21°58	20°26	15°44	14°15	0°39	27°46	S 30
M31	16 33 52	9♊35'02	3♊31	7♊39	3♋31	2♌ 2	7♈34	15♉ 5	1♋34	21♎57	20♉27	15♈37	14♈12	0♈46	27♓47	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 0	12n38	1n12	3n 2	2s53	19n30	0n 3	24n18	1n40	0s18	1s 5	13n11	2s 9	23n39	0n14	7s12	1n42	3n17	14s55	6n37	6n13	2s31	2n17	3n56
S 2	15 18	17 39	2 15	3 31	2 54	19 49	0 6	24 13	1 40	0 13	1 5	13 13	2 9	23 39	0 14	7 12	1 42	3 17	14 55	6 36	6 11	2 27	2 18	3 57
M 3	15 36	22 1	3 13	4 1	2 54	20 8	0 8	24 9	1 39	0 8	1 5	13 15	2 8	23 39	0 14	7 11	1 42	3 18	14 55	6 35	6 10	2 24	2 19	3 57
T 4	15 54	25 28	4 2	4 32	2 53	20 26	0 11	24 4	1 39	0 3	1 5	13 18	2 8	23 39	0 14	7 10	1 42	3 18	14 55	6 33	6 9	2 20	2 21	3 57
W 5	16 11	27 41	4 40	5 5	2 52	20 44	0 14	24 0	1 39	0n 2	1 5	13 20	2 8	23 39	0 14	7 10	1 42	3 18	14 55	6 31	6 8	2 17	2 22	3 57
T 6	16 28	28 28	5 4	5 39	2 51	21 1	0 16	23 55	1 38	0 7	1 5	13 23	2 8	23 39	0 14	7 9	1 42	3 19	14 55	6 30	6 7	2 13	2 23	3 57
F 7	16 45	27 38	5 13	6 13	2 48	21 17	0 19	23 50	1 38	0 12	1 6	13 25	2 8	23 39	0 14	7 9	1 42	3 19	14 55	6 28	6 5	2 10	2 24	3 57
S 8	17 1	25 12	5 5	6 49	2 46	21 33	0 21	23 45	1 37	0 17	1 6	13 27	2 8	23 39	0 14	7 8	1 42	3 19	14 55	6 27	6 4	2 7	2 25	3 57
S 9	17 18	21 18	4 39	7 25	2 42	21 48	0 24	23 39	1 37	0 21	1 6	13 30	2 8	23 39	0 14	7 8	1 42	3 20	14 54	6 27	6 3	2 3	2 26	3 57
M10	17 33	16 9	3 57	8 3	2 38	22 3	0 26	23 34	1 37	0 26	1 6	13 32	2 8	23 39	0 14	7 7	1 42	3 20	14 54	6 27	6 2	2 0	2 28	3 57
T 11	17 49	10 4	3 0	8 41	2 34	22 17	0 29	23 28	1 36	0 31	1 6	13 34	2 8	23 39	0 14	7 7	1 42	3 21	14 54	6 27	6 0	1 56	2 29	3 57
W12	18 4	3 21	1 50	9 20	2 29	22 30	0 31	23 23	1 36	0 35	1 6	13 36	2 8	23 39	0 14	7 6	1 42	3 21	14 54	6 28	5 59	1 53	2 30	3 58
T 13	18 19	3s36	0 33	9 59	2 24	22 43	0 34	23 17	1 35	0 40	1 7	13 39	2 8	23 39	0 14	7 6	1 42	3 21	14 54	6 28	5 58	1 50	2 31	3 58
F 14	18 34	10 25	0s47	10 40	2 18	22 55	0 36	23 11	1 35	0 44	1 7	13 41	2 8	23 39	0 14	7 5	1 42	3 22	14 54	6 28	5 57	1 46	2 32	3 58
S 15	18 49	16 40	2 3	11 20	2 11	23 7	0 39	23 5	1 34	0 49	1 7	13 43	2 8	23 39	0 14	7 5	1 42	3 22	14 54	6 27	5 56	1 43	2 33	3 58
S 16	19 3	21 55	3 11	12 1	2 4	23 18	0 41	22 58	1 34	0 53	1 7	13 46	2 8	23 39	0 14	7 4	1 42	3 22	14 54	6 26	5 54	1 39	2 34	3 58
M17	19 16	25 46	4 6	12 43	1 57	23 28	0 44	22 52	1 34	0 58	1 7	13 48	2 8	23 39	0 14	7 4	1 42	3 23	14 54	6 24	5 53	1 36	2 35	3 58
T 18	19 30	27 57	4 44	13 25	1 49	23 37	0 46	22 45	1 33	1 2	1 7	13 50	2 8	23 39	0 14	7 4	1 42	3 23	14 54	6 22	5 52	1 32	2 36	3 58
W19	19 43	28 21	5 5	14 7	1 41	23 46	0 49	22 39	1 33	1 7	1 8	13 52	2 8	23 39	0 14	7 3	1 42	3 23	14 54	6 19	5 51	1 29	2 37	3 58
T 20	19 56	27 6	5 9	14 49	1 32	23 54	0 51	22 32	1 32	1 11	1 8	13 54	2 9	23 39	0 14	7 3	1 42	3 24	14 54	6 17	5 49	1 26	2 38	3 59
F 21	20 8	24 26	4 57	15 31	1 23	24 2	0 53	22 25	1 32	1 15	1 8	13 57	2 9	23 39	0 14	7 2	1 42	3 24	14 54	6 15	5 48	1 22	2 39	3 59
S 22	20 20	20 41	4 31	16 12	1 13	24 9	0 56	22 18	1 31	1 20	1 8	13 59	2 9	23 39	0 14	7 2	1 42	3 24	14 54	6 14	5 47	1 19	2 40	3 59
S 23	20 32	16 8	3 53	16 54	1 4	24 15	0 58	22 10	1 31	1 24	1 8	14 1	2 9	23 39	0 14	7 1	1 42	3 25	14 54	6 13	5 46	1 15	2 41	3 59
M24	20 43	11 3	3 6	17 35	0 54	24 20	1 0	22 3	1 31	1 28	1 8	14 3	2 9	23 39	0 14	7 1	1 42	3 25	14 55	6 13	5 44	1 12	2 42	3 59
T 25	20 54	5 38	2 11	18 15	0 43	24 25	1 2	21 55	1 30	1 32	1 9	14 5	2 9	23 39	0 14	7 1	1 42	3 25	14 55	6 13	5 43	1 8	2 43	3 59
W26	21 5	0 2	1 11	18 55	0 33	24 29	1 4	21 48	1 30	1 36	1 9	14 7	2 9	23 39	0 14	7 0	1 42	3 25	14 55	6 14	5 42	1 5	2 43	3 59
T 27	21 15	5n36	0 7	19 34	0 22	24 32	1 7	21 40	1 29	1 40	1 9	14 10	2 9	23 39	0 14	7 0	1 42	3 26	14 55	6 14	5 41	1 2	2 44	3 59
F 28	21 25	11 5	0n57	20 11	0 12	24 34	1 9	21 32	1 29	1 44	1 9	14 12	2 9	23 39	0 14	6 59	1 42	3 26	14 55	6 14	5 40	0 58	2 45	4 0
S 29	21 35	16 14	1 59	20 47	0 1	24 36	1 11	21 24	1 28	1 48	1 9	14 14	2 9	23 39	0 14	6 59	1 42	3 26	14 55	6 13	5 38	0 55	2 46	4 0
S 30	21 44	20 49	2 57	21 21	0n 9	24 37	1 13	21 15	1 28	1 52	1 10	14 16	2 9	23 39	0 14	6 59	1 42	3 26	14 55	6 11	5 37	0 51	2 47	4 0
M31	21n53	24n34	3n47	21n54	0n20	24n38	1n15	21n 7	1n28	1n56	1s10	14n18	2s 9	23n39	0n14	6s58	1n42	3n27	14s55	6n 8	5n36	0s48	2n48	4n 0

Julian Day Number = 2494398.5, Delta T = 101.82 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'47, Lahiri = 25°29'47

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ASTRODIENST EPHEMERIS for the year 2117
geocentric

JUNE 2117 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 49	10♊32'37	16♊22	9♊50	4♋43	2♌37	7♈44	15♉13	1♋37	21°R56	20♉29	15°R28	14♈ 9	0♈52	27♓49	T 1
W 2	16 41 45	11°30'11	29°30	12° 2	5°56	3°13	7°54	15°20	1°41	21♎55	20°30	15♈18	14° 6	0°59	27°50	W 2
T 3	16 45 42	12°27'44	12♋51	14°14	7° 9	3°49	8° 4	15°27	1°44	21°54	20°31	15° 9	14° 3	1° 6	27°52	T 3
F 4	16 49 39	13°25'15	26°25	16°26	8°22	4°24	8°14	15°34	1°48	21°53	20°33	15° 1	13°59	1°12	27°53	F 4
S 5	16 53 35	14°22'45	10♌ 9	18°38	9°35	5° 0	8°24	15°41	1°51	21°53	20°34	14°54	13°56	1°19	27°55	S 5
S 6	16 57 32	15°20'14	24° 1	20°48	10°47	5°35	8°33	15°48	1°54	21°52	20°35	14°50	13°53	1°26	27°56	S 6
M 7	17 1 28	16°17'42	8♍ 1	22°58	12° 0	6°11	8°43	15°55	1°58	21°51	20°36	14°48	13°50	1°32	27°57	M 7
T 8	17 5 25	17°15'08	22° 7	25° 6	13°13	6°47	8°52	16° 2	2° 1	21°50	20°38	14°D48	13°47	1°39	27°59	T 8
W 9	17 9 21	18°12'33	6♎18	27°13	14°25	7°23	9° 1	16° 9	2° 5	21°49	20°39	14°48	13°44	1°46	28° 0	W 9
T 10	17 13 18	19° 9'57	20°32	29°18	15°38	7°58	9°10	16°16	2° 8	21°49	20°40	14°R49	13°40	1°52	28° 1	T 10
F 11	17 17 14	20° 7'20	4♏48	1♋21	16°50	8°34	9°19	16°23	2°12	21°48	20°41	14°47	13°37	1°59	28° 2	F 11
S 12	17 21 11	21° 4'42	19° 3	3°23	18° 3	9°10	9°28	16°30	2°16	21°47	20°42	14°43	13°34	2° 6	28° 3	S 12
S 13	17 25 8	22° 2'03	3♐12	5°22	19°15	9°46	9°37	16°37	2°19	21°47	20°44	14°37	13°31	2°12	28° 4	S 13
M14	17 29 4	22°59'23	17°12	7°19	20°27	10°22	9°45	16°43	2°23	21°46	20°45	14°28	13°28	2°19	28° 5	M14
T 15	17 33 1	23°56'42	0♑57	9°14	21°40	10°58	9°54	16°50	2°26	21°45	20°46	14°17	13°25	2°26	28° 6	T 15
W16	17 36 57	24°54'01	14°25	11° 7	22°52	11°34	10° 2	16°57	2°30	21°45	20°47	14° 6	13°21	2°32	28° 7	W16
T 17	17 40 54	25°51'19	27°33	12°57	24° 4	12°10	10°10	17° 3	2°33	21°44	20°48	13°56	13°18	2°39	28° 8	T 17
F 18	17 44 50	26°48'37	10♒20	14°45	25°17	12°46	10°18	17°10	2°37	21°44	20°49	13°46	13°15	2°45	28° 8	F 18
S 19	17 48 47	27°45'54	22°48	16°30	26°29	13°22	10°26	17°16	2°40	21°43	20°51	13°39	13°12	2°52	28° 9	S 19
S 20	17 52 44	28°43'11	4♓59	18°13	27°41	13°58	10°34	17°23	2°44	21°43	20°52	13°35	13° 9	2°59	28°10	S 20
M21	17 56 40	29°40'27	16°57	19°54	28°53	14°34	10°41	17°29	2°48	21°43	20°53	13°32	13° 5	3° 5	28°10	M21
T 22	18 0 37	0♋37'44	28°48	21°32	0♌ 5	15°10	10°49	17°36	2°51	21°42	20°54	13°D32	13° 2	3°12	28°11	T 22
W23	18 4 33	1°35'00	10♈37	23° 8	1°17	15°47	10°56	17°42	2°55	21°42	20°55	13°R32	12°59	3°19	28°11	W23
T 24	18 8 30	2°32'15	22°28	24°41	2°29	16°23	11° 3	17°48	2°58	21°42	20°56	13°32	12°56	3°25	28°12	T 24
F 25	18 12 26	3°29'31	4♉28	26°12	3°41	16°59	11°10	17°54	3° 2	21°41	20°57	13°30	12°53	3°32	28°12	F 25
S 26	18 16 23	4°26'46	16°41	27°40	4°53	17°35	11°17	18° 0	3° 6	21°41	20°58	13°26	12°50	3°39	28°12	S 26
S 27	18 20 19	5°24'02	29°11	29° 6	6° 5	18°12	11°24	18° 6	3° 9	21°41	20°59	13°20	12°46	3°45	28°13	S 27
M28	18 24 16	6°21'17	12♊ 0	0♌29	7°17	18°48	11°31	18°12	3°13	21°41	21° 0	13°11	12°43	3°52	28°13	M28
T 29	18 28 13	7°18'32	25°10	1°50	8°29	19°24	11°37	18°18	3°16	21°40	21° 1	13° 1	12°40	3°59	28°13	T 29
W30	18 32 9	8♋15'47	8♋38	3♌ 8	9♌41	20♌ 1	11♈43	18♉24	3♋20	21♎40	21♉ 2	12♈49	12♈37	4♈ 5	28♓13	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 1	27n 9	4n27	22n25	0n30	24n37	1n17	20n59	1n27	2n 0	1s10	14n20	2s 9	23n39	0n14	6s58	1n42	3n27	14s55	6n 5	5n35	0s44	2n48	4n 0
W 2	22 9	28 19	4 54	22 53	0 40	24 36	1 19	20 50	1 27	2 3	1 10	14 22	2 9	23 39	0 14	6 58	1 42	3 27	14 55	6 1	5 33	0 41	2 49	4 0
T 3	22 17	27 52	5 5	23 19	0 50	24 34	1 20	20 41	1 26	2 7	1 10	14 24	2 9	23 39	0 14	6 57	1 42	3 27	14 55	5 58	5 32	0 38	2 50	4 1
F 4	22 24	25 45	4 59	23 43	0 59	24 32	1 22	20 32	1 26	2 11	1 11	14 26	2 9	23 39	0 14	6 57	1 42	3 28	14 55	5 55	5 31	0 34	2 50	4 1
S 5	22 31	22 7	4 36	24 4	1 8	24 29	1 24	20 23	1 25	2 14	1 11	14 28	2 9	23 39	0 14	6 57	1 41	3 28	14 55	5 52	5 30	0 31	2 51	4 1
S 6	22 37	17 14	3 57	24 22	1 16	24 25	1 26	20 14	1 25	2 18	1 11	14 30	2 9	23 39	0 14	6 57	1 41	3 28	14 55	5 51	5 28	0 27	2 52	4 1
M 7	22 43	11 23	3 3	24 38	1 24	24 20	1 27	20 5	1 24	2 22	1 11	14 32	2 9	23 39	0 14	6 56	1 41	3 28	14 56	5 50	5 27	0 24	2 53	4 1
T 8	22 49	4 56	1 58	24 51	1 31	24 15	1 29	19 55	1 24	2 25	1 12	14 34	2 10	23 38	0 14	6 56	1 41	3 28	14 56	5 50	5 26	0 20	2 53	4 1
W 9	22 54	1s48	0 45	25 1	1 37	24 9	1 30	19 46	1 24	2 28	1 12	14 36	2 10	23 38	0 14	6 56	1 41	3 29	14 56	5 50	5 25	0 17	2 54	4 1
T 10	22 59	8 29	0s31	25 8	1 43	24 2	1 32	19 36	1 23	2 32	1 12	14 37	2 10	23 38	0 14	6 56	1 41	3 29	14 56	5 50	5 24	0 13	2 54	4 2
F 11	23 4	14 45	1 44	25 13	1 48	23 55	1 33	19 26	1 23	2 35	1 12	14 39	2 10	23 38	0 14	6 55	1 41	3 29	14 56	5 49	5 22	0 10	2 55	4 2
S 12	23 8	20 13	2 52	25 15	1 52	23 46	1 35	19 16	1 22	2 38	1 12	14 41	2 10	23 38	0 14	6 55	1 41	3 29	14 56	5 48	5 21	0 7	2 56	4 2
S 13	23 11	24 30	3 48	25 14	1 55	23 38	1 36	19 6	1 22	2 42	1 13	14 43	2 10	23 38	0 14	6 55	1 41	3 29	14 56	5 45	5 20	0 3	2 56	4 2
M14	23 14	27 17	4 29	25 11	1 58	23 28	1 37	18 56	1 21	2 45	1 13	14 45	2 10	23 38	0 14	6 55	1 41	3 29	14 56	5 42	5 19	0n 0	2 57	4 2
T 15	23 17	28 20	4 54	25 6	2 0	23 18	1 38	18 46	1 21	2 48	1 13	14 47	2 10	23 38	0 14	6 55	1 41	3 30	14 57	5 38	5 17	0 4	2 57	4 2
W16	23 20	27 39	5 2	24 58	2 1	23 7	1 39	18 36	1 21	2 51	1 13	14 48	2 10	23 38	0 14	6 55	1 41	3 30	14 57	5 34	5 16	0 7	2 58	4 3
T 17	23 22	25 26	4 54	24 48	2 1	22 56	1 40	18 25	1 20	2 54	1 14	14 50	2 10	23 38	0 14	6 54	1 41	3 30	14 57	5 29	5 15	0 11	2 58	4 3
F 18	23 23	21 59	4 31	24 37	2 1	22 44	1 41	18 15	1 20	2 57	1 14	14 52	2 10	23 38	0 14	6 54	1 41	3 30	14 57	5 26	5 14	0 14	2 58	4 3
S 19	23 24	17 37	3 55	24 23	2 0	22 31	1 42	18 4	1 19	3 0	1 14	14 53	2 11	23 38	0 14	6 54	1 41	3 30	14 57	5 23	5 12	0 17	2 59	4 3
S 20	23 25	12 37	3 10	24 8	1 58	22 18	1 43	17 53	1 19	3 2	1 14	14 55	2 11	23 38	0 14	6 54	1 41	3 30	14 57	5 21	5 11	0 21	2 59	4 3
M21	23 26	7 14	2 16	23 51	1 55	22 4	1 44	17 42	1 18	3 5	1 15	14 57	2 11	23 38	0 14	6 54	1 41	3 30	14 57	5 20	5 10	0 24	3 0	4 3
T 22	23 25	1 40	1 17	23 33	1 52	21 49	1 44	17 31	1 18	3 8	1 15	14 59	2 11	23 38	0 14	6 54	1 41	3 31	14 58	5 20	5 9	0 28	3 0	4 4
W23	23 25	3n58	0 16	23 14	1 48	21 34	1 45	17 20	1 17	3 10	1 15	15 0	2 11	23 38	0 14	6 54	1 41	3 31	14 58	5 20	5 8	0 31	3 0	4 4
T 24	23 24	9 28	0n47	22 53	1 44	21 18	1 45	17 9	1 17	3 13	1 15	15 2	2 11	23 38	0 14	6 54	1 41	3 31	14 58	5 20	5 6	0 35	3 1	4 4
F 25	23 23	14 43	1 49	22 31	1 39	21 2	1 46	16 57	1 17	3 16	1 16	15 3	2 11	23 37	0 14	6 54	1 41	3 31	14 58	5 20	5 5	0 38	3 1	4 4
S 26	23 21	19 28	2 46	22 8	1 33	20 45	1 46	16 46	1 16	3 18	1 16	15 5	2 11	23 37	0 14	6 54	1 41	3 31	14 58	5 18	5 4	0 42	3 1	4 4
S 27	23 19	23 29	3 37	21 44	1 27	20 28	1 47	16 34	1 16	3 20	1 16	15 6	2 12	23 37	0 14	6 54	1 40	3 31	14 59	5 16	5 3	0 45	3 1	4 4
M28	23 16	26 28	4 18	21 20	1 20	20 10	1 47	16 22	1 15	3 23	1 16	15 8	2 12	23 37	0 14	6 53	1 40	3 31	14 59	5 12	5 1	0 48	3 2	4 5
T 29	23 13	28 6	4 46	20 55	1 12	19 51	1 47	16 11	1 15	3 25	1 17	15 9	2 12	23 37	0 14	6 53	1 40	3 31	14 59	5 8	5 0	0 52	3 2	4 5
W30	23n10	28n 8	5n 0	20n29	1n 4	19n32	1n47	15n59	1n14	3n27	1s17	15n11	2s12	23n37	0n14	6s53	1n40	3n31	14s59	5n 3	4n59	0n55	3n 2	4n 5

Julian Day Number = 2494429.5, Delta T = 101.87 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'51, Lahiri = 25°29'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2117
geocentric

JULY 2117 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 6	9♋13'02	22♋24	4♌23	10♌52	20♌37	11♈49	18♉30	3♋24	21°R40	21♉ 3	12°R37	12♈34	4♈12	28°R13	T 1
F 2	18 40 2	10°10'16	6♌23	5°36	12° 4	21°14	11°55	18°36	3°27	21♎40	21° 4	12♈26	12°31	4°19	28♓13	F 2
S 3	18 43 59	11° 7'31	20°31	6°46	13°16	21°50	12° 1	18°42	3°31	21°D40	21° 5	12°17	12°27	4°25	28°13	S 3
S 4	18 47 55	12° 4'44	4♍43	7°53	14°27	22°27	12° 7	18°47	3°34	21°40	21° 6	12°12	12°24	4°32	28°13	S 4
M 5	18 51 52	13° 1'58	18°56	8°57	15°39	23° 3	12°12	18°53	3°38	21°40	21° 7	12° 9	12°21	4°38	28°13	M 5
T 6	18 55 48	13°59'11	3♎ 7	9°58	16°50	23°40	12°17	18°58	3°41	21°40	21° 8	12° 8	12°18	4°45	28°12	T 6
W 7	18 59 45	14°56'23	17°15	10°55	18° 2	24°17	12°22	19° 4	3°45	21°40	21° 9	12° 8	12°15	4°52	28°12	W 7
T 8	19 3 42	15°53'36	1♏19	11°50	19°13	24°53	12°27	19° 9	3°48	21°41	21° 9	12° 7	12°11	4°58	28°12	T 8
F 9	19 7 38	16°50'48	15°17	12°41	20°24	25°30	12°32	19°14	3°52	21°41	21°10	12° 5	12° 8	5° 5	28°11	F 9
S 10	19 11 35	17°48'00	29° 9	13°29	21°36	26° 7	12°37	19°20	3°56	21°41	21°11	12° 1	12° 5	5°12	28°11	S 10
S 11	19 15 31	18°45'11	12♐54	14°13	22°47	26°43	12°41	19°25	3°59	21°41	21°12	11°53	12° 2	5°18	28°10	S 11
M12	19 19 28	19°42'23	26°29	14°54	23°58	27°20	12°45	19°30	4° 3	21°41	21°13	11°44	11°59	5°25	28°10	M12
T 13	19 23 24	20°39'35	9♑52	15°30	25° 9	27°57	12°49	19°35	4° 6	21°42	21°14	11°32	11°56	5°32	28° 9	T 13
W14	19 27 21	21°36'47	23° 0	16° 3	26°20	28°34	12°53	19°40	4°10	21°42	21°14	11°20	11°52	5°38	28° 9	W14
T 15	19 31 18	22°34'00	5♒53	16°31	27°31	29°11	12°57	19°45	4°13	21°42	21°15	11° 8	11°49	5°45	28° 8	T 15
F 16	19 35 14	23°31'12	18°30	16°56	28°42	29°48	13° 0	19°50	4°16	21°43	21°16	10°58	11°46	5°52	28° 7	F 16
S 17	19 39 11	24°28'25	0♓51	17°15	29°53	0♍24	13° 4	19°54	4°20	21°43	21°17	10°50	11°43	5°58	28° 6	S 17
S 18	19 43 7	25°25'38	12°58	17°31	1♍ 4	1° 1	13° 7	19°59	4°23	21°44	21°17	10°44	11°40	6° 5	28° 5	S 18
M19	19 47 4	26°22'52	24°54	17°41	2°14	1°38	13°10	20° 3	4°27	21°44	21°18	10°41	11°37	6°12	28° 4	M19
T 20	19 51 0	27°20'06	6♈44	17°47	3°25	2°15	13°13	20° 8	4°30	21°45	21°19	10°D40	11°33	6°18	28° 3	T 20
W21	19 54 57	28°17'21	18°32	17°R48	4°36	2°52	13°15	20°12	4°33	21°45	21°19	10°40	11°30	6°25	28° 2	W21
T 22	19 58 53	29°14'37	0♉23	17°44	5°46	3°30	13°18	20°17	4°37	21°46	21°20	10°R40	11°27	6°31	28° 1	T 22
F 23	20 2 50	0♌11'54	12°24	17°35	6°57	4° 7	13°20	20°21	4°40	21°47	21°20	10°40	11°24	6°38	28° 0	F 23
S 24	20 6 46	1° 9'11	24°39	17°22	8° 7	4°44	13°22	20°25	4°43	21°47	21°21	10°37	11°21	6°45	27°59	S 24
S 25	20 10 43	2° 6'29	7♊12	17° 3	9°17	5°21	13°24	20°29	4°47	21°48	21°22	10°33	11°17	6°51	27°58	S 25
M26	20 14 40	3° 3'49	20° 8	16°40	10°28	5°58	13°25	20°33	4°50	21°49	21°22	10°26	11°14	6°58	27°57	M26
T 27	20 18 36	4° 1'08	3♋28	16°13	11°38	6°35	13°27	20°37	4°53	21°49	21°23	10°17	11°11	7° 5	27°55	T 27
W28	20 22 33	4°58'29	17°12	15°41	12°48	7°13	13°28	20°41	4°57	21°50	21°23	10° 7	11° 8	7°11	27°54	W28
T 29	20 26 29	5°55'51	1♌18	15° 6	13°58	7°50	13°29	20°44	5° 0	21°51	21°24	9°56	11° 5	7°18	27°52	T 29
F 30	20 30 26	6°53'13	15°40	14°28	15° 8	8°27	13°30	20°48	5° 3	21°52	21°24	9°47	11° 2	7°25	27°51	F 30
S 31	20 34 22	7♌50'36	0♍13	13♌47	16♍18	9♍ 5	13♈30	20♉52	5♋ 6	21♎53	21♉25	9♈40	10♈58	7♈31	27♓50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n 6	26n26	4n56	20n 3	0n55	19n12	1n47	15n47	1n14	3n29	1s17	15n12	2s12	23n37	0n14	6s54	1n40	3n31	14s59	4n59	4n58	0n59	3n 2	4n 5	
F 2	23 2	23 6	4 35	19 36	0 46	18 52	1 47	15 34	1 13	3 31	1 17	15 14	2 12	23 37	0 14	6 54	1 40	3 31	14 59	4 55	4 56	1 2	3 2	4 5	
S 3	22 58	18 23	3 57	19 9	0 36	18 32	1 46	15 22	1 13	3 33	1 18	15 15	2 12	23 37	0 14	6 54	1 40	3 31	15 0	4 51	4 55	1 6	3 3	4 5	
S 4	22 53	12 38	3 4	18 42	0 26	18 11	1 46	15 10	1 13	3 35	1 18	15 17	2 13	23 37	0 14	6 54	1 40	3 31	15 0	4 49	4 54	1 9	3 3	4 6	
M 5	22 47	6 12	1 59	18 15	0 15	17 49	1 46	14 58	1 12	3 37	1 18	15 18	2 13	23 37	0 14	6 54	1 40	3 31	15 0	4 48	4 53	1 12	3 3	4 6	
T 6	22 42	0s31	0 47	17 48	0 4	17 27	1 45	14 45	1 12	3 39	1 18	15 19	2 13	23 37	0 14	6 54	1 40	3 31	15 0	4 47	4 51	1 16	3 3	4 6	
W 7	22 35	7 11	0s27	17 21	0s 8	17 5	1 45	14 32	1 11	3 41	1 19	15 21	2 13	23 36	0 14	6 54	1 40	3 31	15 1	4 47	4 50	1 19	3 3	4 6	
T 8	22 29	13 29	1 40	16 55	0 20	16 42	1 44	14 20	1 11	3 42	1 19	15 22	2 13	23 36	0 14	6 54	1 40	3 31	15 1	4 47	4 49	1 23	3 3	4 6	
F 9	22 22	19 3	2 46	16 28	0 32	16 19	1 43	14 7	1 10	3 44	1 19	15 23	2 13	23 36	0 14	6 54	1 40	3 31	15 1	4 46	4 48	1 26	3 3	4 6	
S 10	22 15	23 33	3 41	16 3	0 45	15 55	1 43	13 54	1 10	3 45	1 20	15 25	2 13	23 36	0 14	6 54	1 40	3 31	15 1	4 45	4 46	1 30	3 3	4 6	
S 11	22 7	26 41	4 24	15 37	0 59	15 31	1 42	13 41	1 9	3 47	1 20	15 26	2 14	23 36	0 14	6 54	1 40	3 31	15 1	4 42	4 45	1 33	3 3	4 7	
M12	21 59	28 13	4 50	15 13	1 12	15 6	1 41	13 28	1 9	3 48	1 20	15 27	2 14	23 36	0 14	6 54	1 40	3 31	15 2	4 38	4 44	1 37	3 3	4 7	
T 13	21 50	28 3	5 1	14 49	1 26	14 42	1 40	13 15	1 8	3 50	1 20	15 28	2 14	23 36	0 14	6 55	1 40	3 31	15 2	4 34	4 43	1 40	3 3	4 7	
W14	21 42	26 18	4 55	14 26	1 40	14 16	1 38	13 2	1 8	3 51	1 21	15 29	2 14	23 36	0 14	6 55	1 40	3 31	15 2	4 29	4 42	1 43	3 2	4 7	
T 15	21 32	23 12	4 34	14 4	1 54	13 51	1 37	12 48	1 7	3 52	1 21	15 30	2 14	23 36	0 14	6 55	1 40	3 31	15 2	4 24	4 40	1 47	3 2	4 7	
F 16	21 23	19 4	3 59	13 43	2 8	13 25	1 36	12 35	1 7	3 53	1 21	15 32	2 14	23 36	0 14	6 55	1 39	3 31	15 3	4 20	4 39	1 50	3 2	4 7	
S 17	21 13	14 12	3 15	13 23	2 22	12 59	1 34	12 22	1 7	3 54	1 22	15 33	2 15	23 35	0 14	6 55	1 39	3 31	15 3	4 17	4 38	1 54	3 2	4 8	
S 18	21 3	8 52	2 21	13 5	2 37	12 32	1 33	12 8	1 6	3 55	1 22	15 34	2 15	23 35	0 14	6 56	1 39	3 31	15 3	4 15	4 37	1 57	3 2	4 8	
M19	20 52	3 18	1 23	12 48	2 51	12 6	1 31	11 54	1 6	3 56	1 22	15 35	2 15	23 35	0 14	6 56	1 39	3 31	15 3	4 14	4 35	2 1	3 1	4 8	
T 20	20 41	2n21	0 21	12 33	3 5	11 38	1 30	11 41	1 5	3 57	1 22	15 36	2 15	23 35	0 14	6 56	1 39	3 31	15 4	4 13	4 34	2 4	3 1	4 8	
W21	20 30	7 54	0n42	12 20	3 19	11 11	1 28	11 27	1 5	3 58	1 23	15 37	2 15	23 35	0 14	6 56	1 39	3 30	15 4	4 13	4 33	2 7	3 1	4 8	
T 22	20 18	13 13	1 43	12 8	3 32	10 43	1 26	11 13	1 4	3 58	1 23	15 38	2 16	23 35	0 14	6 57	1 39	3 30	15 4	4 13	4 32	2 11	3 1	4 8	
F 23	20 6	18 6	2 40	11 59	3 45	10 16	1 24	10 59	1 4	3 59	1 23	15 39	2 16	23 35	0 14	6 57	1 39	3 30	15 4	4 13	4 30	2 14	3 0	4 8	
S 24	19 53	22 20	3 32	11 51	3 58	9 47	1 22	10 45	1 3	3 59	1 24	15 40	2 16	23 35	0 14	6 57	1 39	3 30	15 5	4 12	4 29	2 18	3 0	4 9	
S 25	19 41	25 40	4 14	11 45	4 9	9 19	1 20	10 31	1 3	4 0	1 24	15 40	2 16	23 35	0 14	6 57	1 39	3 30	15 5	4 10	4 28	2 21	3 0	4 9	
M26	19 28	27 48	4 45	11 42	4 20	8 50	1 18	10 17	1 2	4 0	1 24	15 41	2 16	23 35	0 14	6 58	1 39	3 30	15 5	4 8	4 27	2 25	2 59	4 9	
T 27	19 14	28 24	5 1	11 41	4 29	8 22	1 15	10 3	1 2	4 0	1 24	15 42	2 16	23 34	0 14	6 58	1 39	3 30	15 6	4 4	4 25	2 28	2 59	4 9	
W28	19 1	27 18	5 1	11 42	4 38	7 53	1 13	9 49	1 1	4 1	1 25	15 43	2 17	23 34	0 14	6 58	1 39	3 30	15 6	4 0	4 24	2 32	2 58	4 9	
T 29	18 47	24 27	4 43	11 45	4 45	7 23	1 11	9 34	1 1	4 1	1 25	15 44	2 17	23 34	0 14	6 59	1 39	3 29	15 6	3 56	4 23	2 35	2 58	4 9	
F 30	18 32	20 3	4 7	11 51	4 51	6 54	1 8	9 20	1 1	4 1	1 25	15 44	2 17	23 34	0 14	6 59	1 39	3 29	15 6	3 53	4 22	2 38	2 57	4 9	
S 31	18n18	14n25	3n14	11n58	4s55	6n24	1n 5	9n 5	1n 0	4n 1	1s26	15n45	2s17	23n34	0n14	7s 0	1n39	3n29	15s 7	3n50	4n20	2n42	2n57	4n 9	

Julian Day Number = 2494459.5, Delta T = 101.91 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'55, Lahiri = 25°29'56

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ASTRODIENST EPHEMERIS for the year 2117
geocentric

AUGUST 2117 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 19	8♌47'59	14♍49	13°R 3	17♍28	9♍42	13♈31	20♉55	5♋ 9	21♎54	21♉25	9°R35	10♈55	7♈38	27°R48	S 1
M 2	20 42 16	9°45'23	29°23	12♌19	18°38	10°19	13°31	20°58	5°12	21°54	21°25	9♈33	10°52	7°45	27♓46	M 2
T 3	20 46 12	10°42'47	13♎50	11°34	19°47	10°57	13°R31	21° 2	5°15	21°55	21°26	9°D33	10°49	7°51	27°45	T 3
W 4	20 50 9	11°40'12	28° 6	10°49	20°57	11°34	13°31	21° 5	5°19	21°56	21°26	9°34	10°46	7°58	27°43	W 4
T 5	20 54 5	12°37'38	12♏10	10° 6	22° 7	12°12	13°31	21° 8	5°22	21°57	21°26	9°R34	10°43	8° 4	27°41	T 5
F 6	20 58 2	13°35'04	26° 1	9°24	23°16	12°50	13°30	21°11	5°25	21°58	21°27	9°33	10°39	8°11	27°40	F 6
S 7	21 1 58	14°32'31	9♐40	8°45	24°25	13°27	13°29	21°14	5°28	22° 0	21°27	9°31	10°36	8°18	27°38	S 7
S 8	21 5 55	15°29'59	23° 5	8°10	25°35	14° 5	13°28	21°17	5°31	22° 1	21°27	9°26	10°33	8°24	27°36	S 8
M 9	21 9 51	16°27'27	6♑18	7°38	26°44	14°42	13°27	21°19	5°33	22° 2	21°28	9°19	10°30	8°31	27°34	M 9
T 10	21 13 48	17°24'57	19°18	7°12	27°53	15°20	13°26	21°22	5°36	22° 3	21°28	9°11	10°27	8°38	27°32	T 10
W11	21 17 45	18°22'27	2♒ 6	6°51	29° 2	15°58	13°24	21°24	5°39	22° 4	21°28	9° 2	10°23	8°44	27°30	W11
T 12	21 21 41	19°19'58	14°41	6°36	0♎11	16°36	13°23	21°27	5°42	22° 5	21°28	8°53	10°20	8°51	27°28	T 12
F 13	21 25 38	20°17'30	27° 3	6°27	1°19	17°13	13°21	21°29	5°45	22° 7	21°29	8°45	10°17	8°58	27°26	F 13
S 14	21 29 34	21°15'03	9♓13	6°D25	2°28	17°51	13°19	21°31	5°48	22° 8	21°29	8°40	10°14	9° 4	27°24	S 14
S 15	21 33 31	22°12'38	21°13	6°30	3°37	18°29	13°16	21°33	5°50	22° 9	21°29	8°36	10°11	9°11	27°22	S 15
M16	21 37 27	23°10'14	3♈ 5	6°42	4°45	19° 7	13°14	21°35	5°53	22°10	21°29	8°D34	10° 8	9°18	27°20	M16
T 17	21 41 24	24° 7'51	14°53	7° 1	5°53	19°45	13°11	21°37	5°56	22°12	21°29	8°34	10° 4	9°24	27°18	T 17
W18	21 45 20	25° 5'29	26°40	7°27	7° 2	20°23	13° 8	21°39	5°58	22°13	21°29	8°35	10° 1	9°31	27°15	W18
T 19	21 49 17	26° 3'09	8♉32	8° 1	8°10	21° 1	13° 5	21°41	6° 1	22°15	21°29	8°37	9°58	9°38	27°13	T 19
F 20	21 53 14	27° 0'51	20°31	8°42	9°18	21°39	13° 2	21°42	6° 4	22°16	21°29	8°38	9°55	9°44	27°11	F 20
S 21	21 57 10	27°58'35	2♊45	9°29	10°26	22°17	12°59	21°44	6° 6	22°17	21°R29	8°R38	9°52	9°51	27° 8	S 21
S 22	22 1 7	28°56'20	15°18	10°24	11°33	22°55	12°55	21°45	6° 9	22°19	21°29	8°37	9°49	9°57	27° 6	S 22
M23	22 5 3	29°54'06	28°13	11°25	12°41	23°33	12°51	21°46	6°11	22°20	21°29	8°34	9°45	10° 4	27° 4	M23
T 24	22 9 0	0♍51'55	11♋35	12°33	13°48	24°11	12°47	21°48	6°14	22°22	21°29	8°29	9°42	10°11	27° 1	T 24
W25	22 12 56	1°49'45	25°23	13°47	14°56	24°49	12°43	21°49	6°16	22°24	21°29	8°24	9°39	10°17	26°59	W25
T 26	22 16 53	2°47'36	9♌37	15° 7	16° 3	25°28	12°39	21°50	6°18	22°25	21°29	8°18	9°36	10°24	26°56	T 26
F 27	22 20 49	3°45'29	24°13	16°32	17°10	26° 6	12°34	21°51	6°21	22°27	21°29	8°14	9°33	10°31	26°54	F 27
S 28	22 24 46	4°43'24	9♍ 4	18° 2	18°17	26°44	12°29	21°51	6°23	22°28	21°29	8°10	9°29	10°37	26°51	S 28
S 29	22 28 43	5°41'20	24° 2	19°37	19°24	27°23	12°25	21°52	6°25	22°30	21°29	8° 8	9°26	10°44	26°49	S 29
M30	22 32 39	6°39'17	8♎58	21°15	20°31	28° 1	12°20	21°52	6°27	22°32	21°28	8°D 7	9°23	10°51	26°46	M30
T 31	22 36 36	7♍37'16	23♎46	22♌58	21♎38	28♍39	12♈14	21♉53	6♋29	22♎33	21♉28	8♈ 7	9♈20	10♈57	26♓44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 3	7n57	2n 8	12n 8	4s57	5n55	1n 3	8n51	1n 0	4n 1	1s26	15n46	2s17	23n34	0n14	7s 0	1n39	3n29	15s 7	3n48	4n19	2n45	2n57	4n10
M 2	17 48	1 4	0 54	12 19	4 58	5 25	1 0	8 36	0 59	4 0	1 26	15 47	2 18	23 34	0 14	7 0	1 39	3 29	15 7	3 47	4 18	2 49	2 56	4 10
T 3	17 32	5s48	0s23	12 32	4 57	4 55	0 57	8 22	0 59	4 0	1 26	15 47	2 18	23 34	0 14	7 1	1 39	3 29	15 7	3 47	4 17	2 52	2 55	4 10
W 4	17 17	12 19	1 38	12 47	4 54	4 25	0 54	8 7	0 58	4 0	1 27	15 48	2 18	23 34	0 14	7 1	1 39	3 28	15 8	3 47	4 15	2 56	2 55	4 10
T 5	17 1	18 6	2 46	13 3	4 50	3 55	0 51	7 52	0 58	4 0	1 27	15 48	2 18	23 34	0 14	7 2	1 38	3 28	15 8	3 47	4 14	2 59	2 54	4 10
F 6	16 44	22 51	3 43	13 20	4 43	3 24	0 48	7 37	0 57	3 59	1 27	15 49	2 19	23 33	0 14	7 2	1 38	3 28	15 8	3 47	4 13	3 2	2 54	4 10
S 7	16 28	26 16	4 26	13 38	4 35	2 54	0 45	7 23	0 57	3 59	1 28	15 50	2 19	23 33	0 14	7 2	1 38	3 28	15 9	3 46	4 12	3 6	2 53	4 10
S 8	16 11	28 8	4 54	13 56	4 26	2 24	0 42	7 8	0 56	3 58	1 28	15 50	2 19	23 33	0 15	7 3	1 38	3 28	15 9	3 44	4 10	3 9	2 52	4 10
M 9	15 54	28 22	5 6	14 15	4 14	1 53	0 38	6 53	0 56	3 57	1 28	15 51	2 19	23 33	0 15	7 3	1 38	3 27	15 9	3 41	4 9	3 13	2 52	4 10
T 10	15 36	27 1	5 2	14 34	4 2	1 22	0 35	6 38	0 55	3 56	1 28	15 51	2 19	23 33	0 15	7 4	1 38	3 27	15 9	3 38	4 8	3 16	2 51	4 10
W11	15 19	24 16	4 42	14 52	3 48	0 52	0 31	6 23	0 55	3 56	1 29	15 51	2 20	23 33	0 15	7 4	1 38	3 27	15 10	3 35	4 7	3 20	2 50	4 11
T 12	15 1	20 23	4 9	15 10	3 34	0 21	0 28	6 7	0 54	3 55	1 29	15 52	2 20	23 33	0 15	7 5	1 38	3 27	15 10	3 31	4 5	3 23	2 50	4 11
F 13	14 43	15 42	3 25	15 27	3 18	0s 9	0 24	5 52	0 54	3 54	1 29	15 52	2 20	23 33	0 15	7 5	1 38	3 27	15 10	3 28	4 4	3 26	2 49	4 11
S 14	14 25	10 27	2 32	15 43	3 2	0 40	0 20	5 37	0 53	3 53	1 30	15 53	2 20	23 33	0 15	7 6	1 38	3 26	15 11	3 26	4 3	3 30	2 48	4 11
S 15	14 6	4 54	1 33	15 58	2 45	1 11	0 17	5 22	0 53	3 51	1 30	15 53	2 20	23 32	0 15	7 6	1 38	3 26	15 11	3 24	4 2	3 33	2 47	4 11
M16	13 47	0n46	0 30	16 12	2 28	1 41	0 13	5 7	0 52	3 50	1 30	15 53	2 21	23 32	0 15	7 7	1 38	3 26	15 11	3 24	4 1	3 37	2 47	4 11
T 17	13 28	6 23	0n34	16 24	2 11	2 12	0 9	4 51	0 52	3 49	1 30	15 53	2 21	23 32	0 15	7 7	1 38	3 26	15 11	3 24	3 59	3 40	2 46	4 11
W18	13 9	11 47	1 37	16 34	1 54	2 43	0 5	4 36	0 51	3 48	1 31	15 54	2 21	23 32	0 15	7 8	1 38	3 25	15 12	3 24	3 58	3 44	2 45	4 11
T 19	12 50	16 47	2 36	16 42	1 37	3 13	0 1	4 21	0 51	3 46	1 31	15 54	2 21	23 32	0 15	7 8	1 38	3 25	15 12	3 25	3 57	3 47	2 44	4 11
F 20	12 30	21 13	3 28	16 48	1 19	3 44	0s 3	4 5	0 50	3 45	1 31	15 54	2 22	23 32	0 15	7 9	1 38	3 25	15 12	3 25	3 56	3 50	2 43	4 11
S 21	12 10	24 49	4 13	16 52	1 3	4 14	0 7	3 50	0 50	3 43	1 31	15 54	2 22	23 32	0 15	7 10	1 38	3 25	15 13	3 25	3 54	3 54	2 42	4 11
S 22	11 50	27 21	4 46	16 53	0 46	4 45	0 12	3 34	0 50	3 41	1 32	15 54	2 22	23 32	0 15	7 10	1 38	3 24	15 13	3 25	3 53	3 57	2 42	4 11
M23	11 30	28 31	5 6	16 51	0 31	5 15	0 16	3 19	0 49	3 40	1 32	15 55	2 22	23 32	0 15	7 11	1 38	3 24	15 13	3 24	3 52	4 1	2 41	4 11
T 24	11 10	28 5	5 11	16 47	0 16	5 45	0 20	3 3	0 49	3 38	1 32	15 55	2 22	23 32	0 15	7 11	1 38	3 24	15 13	3 22	3 51	4 4	2 40	4 11
W25	10 49	25 56	4 58	16 40	0 1	6 15	0 25	2 47	0 48	3 36	1 32	15 55	2 23	23 31	0 15	7 12	1 38	3 23	15 14	3 20	3 49	4 8	2 39	4 11
T 26	10 28	22 6	4 26	16 30	0n13	6 45	0 29	2 32	0 48	3 34	1 33	15 55	2 23	23 31	0 15	7 13	1 38	3 23	15 14	3 18	3 48	4 11	2 38	4 11
F 27	10 7	16 51	3 37	16 17	0 26	7 15	0 33	2 16	0 47	3 32	1 33	15 55	2 23	23 31	0 15	7 13	1 38	3 23	15 14	3 16	3 47	4 14	2 37	4 12
S 28	9 46	10 31	2 32	16 1	0 38	7 45	0 38	2 1	0 47	3 30	1 33	15 55	2 23	23 31	0 15	7 14	1 38	3 22	15 15	3 14	3 46	4 18	2 36	4 12
S 29	9 25	3 32	1 16	15 42	0 49	8 15	0 43	1 45	0 46	3 28	1 33	15 55	2 24	23 31	0 15	7 15	1 37	3 22	15 15	3 13	3 44	4 21	2 35	4 12
M30	9 4	3s37	0s 5	15 20	0 59	8 44	0 47	1 29	0 46	3 26	1 34	15 55	2 24	23 31	0 15	7 15	1 37	3 22	15 15	3 13	3 43	4 25	2 34	4 12
T 31	8n42	10s32	1s25	14n55	1n 8	9s14	0s52	1n13	0n45	3n24	1s34	15n54	2s24	23n31	0n15	7s16	1n37	3n22	15s15	3n13	3n42	4n28	2n33	4n12

Julian Day Number = 2494490.5, Delta T = 101.95 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'59, Lahiri = 25°30'00

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ASTRODIENST EPHEMERIS for the year 2117
geocentric

SEPTEMBER 2117 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 40 32	8♍35'16	8♏18	24♌44	22♎44	29♍18	12°R 9	21♉53	6♋32	22♎35	21°R28	8♈ 9	9♈17	11♈ 4	26°R41	W 1
T 2	22 44 29	9°33'18	22°33	26°32	23°50	29°56	12♈ 3	21°53	6°34	22°37	21♉28	8°10	9°14	11°11	26♓39	T 2
F 3	22 48 25	10°31'20	6♐28	28°23	24°56	0♎35	11°58	21°R53	6°36	22°39	21°28	8°R11	9°10	11°17	26°36	F 3
S 4	22 52 22	11°29'25	20° 2	0♍15	26° 2	1°13	11°52	21°53	6°38	22°40	21°27	8°11	9° 7	11°24	26°33	S 4
S 5	22 56 18	12°27'30	3♑18	2° 9	27° 8	1°52	11°46	21°53	6°40	22°42	21°27	8° 9	9° 4	11°30	26°31	S 5
M 6	23 0 15	13°25'37	16°17	4° 4	28°14	2°31	11°40	21°53	6°41	22°44	21°27	8° 7	9° 1	11°37	26°28	M 6
T 7	23 4 12	14°23'46	29° 0	6° 0	29°19	3° 9	11°34	21°53	6°43	22°46	21°26	8° 4	8°58	11°44	26°25	T 7
W 8	23 8 8	15°21'56	11♒30	7°56	0♏24	3°48	11°27	21°52	6°45	22°48	21°26	8° 0	8°55	11°50	26°23	W 8
T 9	23 12 5	16°20'07	23°48	9°52	1°29	4°27	11°21	21°52	6°47	22°49	21°26	7°56	8°51	11°57	26°20	T 9
F 10	23 16 1	17°18'20	5♓55	11°48	2°34	5° 6	11°14	21°51	6°49	22°51	21°25	7°53	8°48	12° 4	26°17	F 10
S 11	23 19 58	18°16'35	17°55	13°44	3°39	5°44	11° 7	21°50	6°50	22°53	21°25	7°51	8°45	12°10	26°14	S 11
S 12	23 23 54	19°14'51	29°48	15°39	4°43	6°23	11° 1	21°50	6°52	22°55	21°24	7°50	8°42	12°17	26°12	S 12
M13	23 27 51	20°13'10	11♈37	17°34	5°47	7° 2	10°54	21°49	6°53	22°57	21°24	7°D50	8°39	12°24	26° 9	M13
T 14	23 31 47	21°11'30	23°24	19°28	6°51	7°41	10°47	21°48	6°55	22°59	21°24	7°51	8°35	12°30	26° 6	T 14
W15	23 35 44	22° 9'52	5♉12	21°21	7°55	8°20	10°39	21°46	6°56	23° 1	21°23	7°52	8°32	12°37	26° 3	W15
T 16	23 39 40	23° 8'16	17° 5	23°13	8°59	8°59	10°32	21°45	6°58	23° 3	21°23	7°53	8°29	12°44	26° 0	T 16
F 17	23 43 37	24° 6'43	29° 6	25° 5	10° 2	9°38	10°25	21°44	6°59	23° 5	21°22	7°54	8°26	12°50	25°58	F 17
S 18	23 47 34	25° 5'11	11♊19	26°55	11° 5	10°17	10°17	21°42	7° 1	23° 7	21°21	7°55	8°23	12°57	25°55	S 18
S 19	23 51 30	26° 3'42	23°49	28°44	12° 8	10°56	10°10	21°41	7° 2	23° 9	21°21	7°R56	8°20	13° 3	25°52	S 19
M20	23 55 27	27° 2'15	6♋40	0♎33	13°11	11°36	10° 2	21°39	7° 3	23°11	21°20	7°56	8°16	13°10	25°49	M20
T 21	23 59 23	28° 0'50	19°56	2°20	14°13	12°15	9°54	21°37	7° 4	23°13	21°20	7°55	8°13	13°17	25°47	T 21
W22	0 3 20	28°59'27	3♌39	4° 7	15°15	12°54	9°47	21°35	7° 5	23°15	21°19	7°54	8°10	13°23	25°44	W22
T 23	0 7 16	29°58'07	17°48	5°52	16°17	13°33	9°39	21°33	7° 6	23°17	21°19	7°53	8° 7	13°30	25°41	T 23
F 24	0 11 13	0♎56'48	2♍23	7°36	17°18	14°13	9°31	21°31	7° 7	23°19	21°18	7°52	8° 4	13°37	25°38	F 24
S 25	0 15 9	1°55'32	17°17	9°20	18°19	14°52	9°23	21°29	7° 8	23°21	21°17	7°52	8° 0	13°43	25°35	S 25
S 26	0 19 6	2°54'17	2♎25	11° 2	19°20	15°32	9°15	21°27	7° 9	23°24	21°17	7°D51	7°57	13°50	25°33	S 26
M27	0 23 3	3°53'05	17°36	12°44	20°21	16°11	9° 7	21°24	7°10	23°26	21°16	7°51	7°54	13°57	25°30	M27
T 28	0 26 59	4°51'54	2♏42	14°24	21°21	16°51	8°59	21°22	7°11	23°28	21°15	7°52	7°51	14° 3	25°27	T 28
W29	0 30 56	5°50'46	17°33	16° 4	22°21	17°30	8°51	21°19	7°12	23°30	21°14	7°52	7°48	14°10	25°25	W29
T 30	0 34 52	6♎49'39	2♐ 3	17♎42	23♏20	18♎10	8♈43	21♉17	7♋13	23♎32	21♉14	7♈52	7♈45	14♈17	25♓22	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n21	16s46	2s38	14n28	1n16	9s43	0s56	0n58	0n45	3n21	1s34	15n54	2s24	23n31	0n15	7s16	1n37	3n21	15s16	3n14	3n41	4n31	2n32	4n12
T 2	7 59	21 57	3 40	13 58	1 23	10 12	1 1	0 42	0 44	3 19	1 34	15 54	2 24	23 31	0 15	7 17	1 37	3 21	15 16	3 14	3 39	4 35	2 31	4 12
F 3	7 37	25 46	4 28	13 26	1 29	10 40	1 6	0 26	0 44	3 17	1 34	15 54	2 25	23 31	0 15	7 18	1 37	3 21	15 16	3 15	3 38	4 38	2 30	4 12
S 4	7 15	28 1	4 59	12 51	1 35	11 9	1 11	0 10	0 43	3 14	1 35	15 54	2 25	23 31	0 15	7 19	1 37	3 20	15 17	3 15	3 37	4 42	2 29	4 12
S 5	6 53	28 36	5 13	12 15	1 39	11 37	1 16	0s 6	0 43	3 12	1 35	15 54	2 25	23 31	0 15	7 19	1 37	3 20	15 17	3 14	3 36	4 45	2 28	4 12
M 6	6 31	27 35	5 11	11 36	1 42	12 5	1 20	0 21	0 42	3 9	1 35	15 53	2 25	23 30	0 15	7 20	1 37	3 20	15 17	3 13	3 34	4 48	2 27	4 12
T 7	6 8	25 8	4 54	10 56	1 45	12 33	1 25	0 37	0 42	3 7	1 35	15 53	2 26	23 30	0 15	7 21	1 37	3 19	15 17	3 12	3 33	4 52	2 26	4 12
W 8	5 46	21 32	4 22	10 14	1 46	13 1	1 30	0 53	0 41	3 4	1 35	15 53	2 26	23 30	0 15	7 21	1 37	3 19	15 18	3 10	3 32	4 55	2 24	4 12
T 9	5 23	17 2	3 40	9 31	1 47	13 28	1 35	1 9	0 41	3 1	1 35	15 52	2 26	23 30	0 15	7 22	1 37	3 19	15 18	3 9	3 31	4 59	2 23	4 12
F 10	5 1	11 55	2 47	8 47	1 47	13 55	1 40	1 25	0 40	2 59	1 36	15 52	2 26	23 30	0 15	7 23	1 37	3 18	15 18	3 8	3 29	5 2	2 22	4 12
S 11	4 38	6 26	1 48	8 2	1 47	14 22	1 45	1 40	0 40	2 56	1 36	15 52	2 26	23 30	0 15	7 23	1 37	3 18	15 18	3 7	3 28	5 6	2 21	4 11
S 12	4 15	0 45	0 44	7 17	1 46	14 49	1 50	1 56	0 39	2 53	1 36	15 51	2 27	23 30	0 15	7 24	1 37	3 17	15 19	3 6	3 27	5 9	2 20	4 11
M13	3 52	4n55	0n21	6 30	1 44	15 15	1 55	2 12	0 38	2 50	1 36	15 51	2 27	23 30	0 15	7 25	1 37	3 17	15 19	3 6	3 26	5 12	2 19	4 11
T 14	3 29	10 24	1 25	5 44	1 42	15 41	2 0	2 28	0 38	2 47	1 36	15 50	2 27	23 30	0 15	7 26	1 37	3 17	15 19	3 7	3 24	5 16	2 18	4 11
W15	3 6	15 32	2 26	4 56	1 39	16 7	2 5	2 44	0 37	2 44	1 36	15 50	2 27	23 30	0 15	7 26	1 37	3 16	15 19	3 7	3 23	5 19	2 17	4 11
T 16	2 43	20 8	3 21	4 9	1 35	16 32	2 10	3 0	0 37	2 41	1 36	15 49	2 27	23 30	0 15	7 27	1 37	3 16	15 20	3 8	3 22	5 23	2 15	4 11
F 17	2 20	23 58	4 7	3 21	1 31	16 57	2 15	3 15	0 36	2 38	1 37	15 49	2 28	23 30	0 15	7 28	1 37	3 16	15 20	3 8	3 21	5 26	2 14	4 11
S 18	1 57	26 49	4 44	2 34	1 27	17 22	2 20	3 31	0 36	2 35	1 37	15 48	2 28	23 30	0 15	7 29	1 37	3 15	15 20	3 8	3 19	5 29	2 13	4 11
S 19	1 34	28 24	5 8	1 46	1 23	17 46	2 25	3 47	0 35	2 32	1 37	15 47	2 28	23 30	0 15	7 29	1 37	3 15	15 20	3 9	3 18	5 33	2 12	4 11
M20	1 11	28 32	5 17	0 58	1 18	18 10	2 30	4 3	0 35	2 29	1 37	15 47	2 28	23 30	0 15	7 30	1 37	3 15	15 21	3 9	3 17	5 36	2 11	4 11
T 21	0 47	27 4	5 10	0 11	1 13	18 34	2 35	4 19	0 34	2 26	1 37	15 46	2 28	23 30	0 15	7 31	1 37	3 14	15 21	3 8	3 16	5 40	2 10	4 11
W22	0 24	23 58	4 46	0s36	1 7	18 57	2 40	4 34	0 34	2 23	1 37	15 46	2 29	23 30	0 15	7 32	1 37	3 14	15 21	3 8	3 14	5 43	2 9	4 11
T 23	0 1	19 21	4 4	1 23	1 1	19 20	2 45	4 50	0 33	2 20	1 37	15 45	2 29	23 30	0 15	7 33	1 37	3 13	15 21	3 8	3 13	5 46	2 7	4 11
F 24	0s23	13 30	3 5	2 10	0 55	19 42	2 50	5 6	0 33	2 17	1 37	15 44	2 29	23 30	0 15	7 33	1 37	3 13	15 22	3 7	3 12	5 50	2 6	4 11
S 25	0 46	6 44	1 52	2 56	0 49	20 4	2 54	5 22	0 32	2 14	1 37	15 43	2 29	23 30	0 15	7 34	1 37	3 13	15 22	3 7	3 11	5 53	2 5	4 11
S 26	1 9	0s30	0 30	3 42	0 43	20 26	2 59	5 37	0 32	2 10	1 37	15 43	2 29	23 29	0 15	7 35	1 37	3 12	15 22	3 7	3 9	5 56	2 4	4 10
M27	1 33	7 44	0s54	4 28	0 36	20 47	3 4	5 53	0 31	2 7	1 37	15 42	2 29	23 29	0 16	7 36	1 37	3 12	15 22	3 7	3 8	6 0	2 3	4 10
T 28	1 56	14 30	2 14	5 13	0 30	21 8	3 9	6 9	0 31	2 4	1 37	15 41	2 30	23 29	0 16	7 37	1 37	3 12	15 22	3 7	3 7	6 3	2 1	4 10
W29	2 19	20 18	3 23	5 58	0 23	21 28	3 14	6 24	0 30	2 1	1 37	15 40	2 30	23 29	0 16	7 37	1 37	3 11	15 23	3 7	3 5	6 7	2 0	4 10
T 30	2s43	24s46	4s18	6s42	0n16	21s48	3s18	6s40	0n30	1n58	1s37	15n39	2s30	23n29	0n16	7s38	1n37	3n11	15s23	3n 7	3n 4	6n10	1n59	4n10

Julian Day Number = 2494521.5, Delta T = 102.00 sec
Ecliptic obliquity = 23°25'36, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'04, Lahiri = 25°30'04

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ASTRODIENST EPHEMERIS for the year 2117
geocentric

OCTOBER 2117 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 38 49	7♎48'34	16♐ 9	19♎20	24♏20	18♎49	8°R35	21°R14	7♋13	23♎34	21°R13	7°R52	7♈41	14♈23	25°R19	F 1
S 2	0 42 45	8°47'30	29°50	20°57	25°18	19°29	8♈27	21♉11	7°14	23°36	21♉12	7♈52	7°38	14°30	25♓16	S 2
S 3	0 46 42	9°46'29	13♑ 5	22°33	26°17	20° 9	8°19	21° 8	7°14	23°39	21°11	7°D52	7°35	14°37	25°14	S 3
M 4	0 50 38	10°45'29	25°59	24° 8	27°15	20°49	8°11	21° 5	7°15	23°41	21°10	7°52	7°32	14°43	25°11	M 4
T 5	0 54 35	11°44'31	8♒33	25°42	28°12	21°28	8° 3	21° 2	7°15	23°43	21°10	7°52	7°29	14°50	25° 8	T 5
W 6	0 58 32	12°43'34	20°51	27°16	29° 9	22° 8	7°55	20°59	7°16	23°45	21° 9	7°53	7°26	14°56	25° 6	W 6
T 7	1 2 28	13°42'40	2♓57	28°48	0♐ 6	22°48	7°47	20°55	7°16	23°47	21° 8	7°53	7°22	15° 3	25° 3	T 7
F 8	1 6 25	14°41'47	14°55	0♏20	1° 2	23°28	7°39	20°52	7°17	23°50	21° 7	7°54	7°19	15°10	25° 1	F 8
S 9	1 10 21	15°40'56	26°47	1°51	1°58	24° 8	7°31	20°49	7°17	23°52	21° 6	7°55	7°16	15°16	24°58	S 9
S 10	1 14 18	16°40'07	8♈35	3°21	2°53	24°48	7°23	20°45	7°17	23°54	21° 5	7°R55	7°13	15°23	24°56	S 10
M11	1 18 14	17°39'20	20°23	4°51	3°47	25°28	7°15	20°42	7°17	23°56	21° 4	7°54	7°10	15°30	24°53	M11
T 12	1 22 11	18°38'35	2♉12	6°19	4°41	26° 8	7° 8	20°38	7°17	23°59	21° 4	7°54	7° 6	15°36	24°51	T 12
W13	1 26 7	19°37'52	14° 5	7°47	5°35	26°48	7° 0	20°34	7°R17	24° 1	21° 3	7°52	7° 3	15°43	24°48	W13
T 14	1 30 4	20°37'11	26° 3	9°14	6°28	27°28	6°52	20°30	7°17	24° 3	21° 2	7°50	7° 0	15°50	24°46	T 14
F 15	1 34 1	21°36'33	8♊10	10°40	7°20	28° 9	6°45	20°26	7°17	24° 5	21° 1	7°48	6°57	15°56	24°43	F 15
S 16	1 37 57	22°35'57	20°28	12° 6	8°11	28°49	6°37	20°23	7°17	24° 7	21° 0	7°46	6°54	16° 3	24°41	S 16
S 17	1 41 54	23°35'23	3♋ 0	13°30	9° 2	29°29	6°30	20°18	7°17	24°10	20°59	7°45	6°51	16°10	24°39	S 17
M18	1 45 50	24°34'51	15°49	14°54	9°53	0♏10	6°23	20°14	7°17	24°12	20°58	7°44	6°47	16°16	24°36	M18
T 19	1 49 47	25°34'22	28°59	16°16	10°42	0°50	6°16	20°10	7°16	24°14	20°57	7°D44	6°44	16°23	24°34	T 19
W20	1 53 43	26°33'55	12♌31	17°38	11°31	1°31	6° 9	20° 6	7°16	24°16	20°56	7°44	6°41	16°29	24°32	W20
T 21	1 57 40	27°33'30	26°28	18°58	12°19	2°11	6° 2	20° 2	7°16	24°19	20°55	7°45	6°38	16°36	24°29	T 21
F 22	2 1 36	28°33'08	10♍49	20°18	13° 6	2°52	5°55	19°58	7°15	24°21	20°54	7°47	6°35	16°43	24°27	F 22
S 23	2 5 33	29°32'47	25°32	21°36	13°52	3°32	5°48	19°53	7°15	24°23	20°53	7°48	6°32	16°49	24°25	S 23
S 24	2 9 30	0♏32'29	10♎32	22°53	14°38	4°13	5°41	19°49	7°14	24°25	20°52	7°R48	6°28	16°56	24°23	S 24
M25	2 13 26	1°32'13	25°42	24° 9	15°22	4°53	5°35	19°44	7°14	24°28	20°51	7°47	6°25	17° 3	24°21	M25
T 26	2 17 23	2°31'59	10♏52	25°24	16° 6	5°34	5°29	19°40	7°13	24°30	20°50	7°45	6°22	17° 9	24°19	T 26
W27	2 21 19	3°31'47	25°53	26°36	16°49	6°15	5°22	19°35	7°12	24°32	20°49	7°42	6°19	17°16	24°17	W27
T 28	2 25 16	4°31'37	10♐36	27°47	17°30	6°56	5°16	19°31	7°11	24°34	20°47	7°38	6°16	17°23	24°15	T 28
F 29	2 29 12	5°31'28	24°54	28°57	18°11	7°37	5°10	19°26	7°11	24°36	20°46	7°34	6°12	17°29	24°13	F 29
S 30	2 33 9	6°31'22	8♑44	0♐ 4	18°50	8°18	5° 5	19°21	7°10	24°39	20°45	7°31	6° 9	17°36	24°11	S 30
S 31	2 37 5	7♏31'17	22♑ 7	1♐ 9	19♐28	8♏59	4♈59	19♉17	7♋ 9	24♎41	20♉44	7♈29	6♈ 6	17♈43	24♓ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 6	27s36	4s55	7s25	0n 9	22s 7	3s23	6s55	0n29	1n55	1s37	15n39	2s30	23n29	0n16	7s39	1n37	3n10	15s23	3n 7	3n 3	6n13	1n58	4n10
S 2	3 29	28 40	5 15	8 8	0 2	22 26	3 28	7 11	0 29	1 51	1 37	15 38	2 30	23 29	0 16	7 40	1 37	3 10	15 23	3 7	3 2	6 17	1 57	4 10
S 3	3 52	28 2	5 17	8 51	0s 5	22 45	3 32	7 26	0 28	1 48	1 37	15 37	2 30	23 29	0 16	7 41	1 37	3 10	15 23	3 7	3 0	6 20	1 56	4 10
M 4	4 15	25 53	5 2	9 33	0 12	23 3	3 37	7 42	0 27	1 45	1 37	15 36	2 31	23 29	0 16	7 41	1 37	3 9	15 24	3 7	2 59	6 24	1 54	4 10
T 5	4 38	22 31	4 34	10 14	0 19	23 20	3 41	7 57	0 27	1 42	1 37	15 35	2 31	23 29	0 16	7 42	1 37	3 9	15 24	3 7	2 58	6 27	1 53	4 9
W 6	5 1	18 13	3 53	10 54	0 26	23 37	3 45	8 12	0 26	1 39	1 37	15 34	2 31	23 29	0 16	7 43	1 37	3 9	15 24	3 7	2 57	6 30	1 52	4 9
T 7	5 24	13 15	3 2	11 34	0 34	23 54	3 50	8 28	0 26	1 36	1 37	15 33	2 31	23 29	0 16	7 44	1 37	3 8	15 24	3 8	2 55	6 34	1 51	4 9
F 8	5 47	7 51	2 4	12 13	0 41	24 10	3 54	8 43	0 25	1 33	1 37	15 32	2 31	23 29	0 16	7 45	1 37	3 8	15 24	3 8	2 54	6 37	1 50	4 9
S 9	6 10	2 13	1 1	12 52	0 48	24 26	3 58	8 58	0 25	1 30	1 37	15 31	2 31	23 29	0 16	7 45	1 37	3 7	15 24	3 8	2 53	6 40	1 49	4 9
S 10	6 33	3n28	0n 4	13 29	0 55	24 41	4 2	9 13	0 24	1 27	1 37	15 30	2 31	23 29	0 16	7 46	1 37	3 7	15 25	3 8	2 52	6 44	1 47	4 9
M11	6 56	9 1	1 9	14 6	1 2	24 55	4 6	9 29	0 24	1 24	1 37	15 29	2 32	23 29	0 16	7 47	1 37	3 7	15 25	3 8	2 50	6 47	1 46	4 9
T 12	7 18	14 17	2 11	14 42	1 9	25 9	4 10	9 44	0 23	1 21	1 37	15 28	2 32	23 29	0 16	7 48	1 37	3 6	15 25	3 8	2 49	6 51	1 45	4 8
W13	7 41	19 2	3 7	15 18	1 16	25 23	4 14	9 59	0 23	1 18	1 37	15 27	2 32	23 29	0 16	7 49	1 37	3 6	15 25	3 7	2 48	6 54	1 44	4 8
T 14	8 3	23 5	3 56	15 52	1 23	25 36	4 17	10 14	0 22	1 15	1 37	15 25	2 32	23 29	0 16	7 50	1 37	3 6	15 25	3 7	2 47	6 57	1 43	4 8
F 15	8 25	26 11	4 35	16 26	1 29	25 49	4 21	10 28	0 21	1 12	1 37	15 24	2 32	23 29	0 16	7 50	1 37	3 5	15 25	3 6	2 45	7 1	1 42	4 8
S 16	8 47	28 6	5 2	16 59	1 36	26 0	4 24	10 43	0 21	1 9	1 37	15 23	2 32	23 30	0 16	7 51	1 37	3 5	15 26	3 5	2 44	7 4	1 41	4 8
S 17	9 9	28 39	5 15	17 31	1 42	26 12	4 28	10 58	0 20	1 6	1 37	15 22	2 32	23 30	0 16	7 52	1 37	3 5	15 26	3 4	2 43	7 7	1 40	4 7
M18	9 31	27 40	5 13	18 2	1 49	26 23	4 31	11 13	0 20	1 3	1 36	15 21	2 32	23 30	0 16	7 53	1 37	3 4	15 26	3 4	2 42	7 11	1 39	4 7
T 19	9 53	25 10	4 55	18 32	1 55	26 33	4 34	11 27	0 19	1 1	1 36	15 20	2 32	23 30	0 16	7 54	1 37	3 4	15 26	3 4	2 40	7 14	1 37	4 7
W20	10 14	21 12	4 20	19 1	2 1	26 43	4 37	11 42	0 19	0 58	1 36	15 19	2 32	23 30	0 16	7 54	1 37	3 4	15 26	3 4	2 39	7 17	1 36	4 7
T 21	10 36	15 58	3 29	19 29	2 7	26 52	4 39	11 56	0 18	0 55	1 36	15 17	2 33	23 30	0 16	7 55	1 37	3 3	15 26	3 5	2 38	7 21	1 35	4 7
F 22	10 57	9 43	2 24	19 56	2 12	27 1	4 42	12 11	0 18	0 53	1 36	15 16	2 33	23 30	0 16	7 56	1 37	3 3	15 26	3 5	2 37	7 24	1 34	4 7
S 23	11 18	2 48	1 7	20 22	2 18	27 10	4 44	12 25	0 17	0 50	1 36	15 15	2 33	23 30	0 16	7 57	1 37	3 2	15 26	3 6	2 35	7 28	1 33	4 6
S 24	11 39	4s24	0s15	20 47	2 23	27 17	4 47	12 40	0 16	0 48	1 36	15 14	2 33	23 30	0 16	7 58	1 37	3 2	15 26	3 6	2 34	7 31	1 32	4 6
M25	12 0	11 26	1 37	21 11	2 27	27 25	4 49	12 54	0 16	0 45	1 35	15 12	2 33	23 30	0 16	7 58	1 37	3 2	15 26	3 5	2 33	7 34	1 31	4 6
T 26	12 21	17 48	2 52	21 33	2 32	27 31	4 51	13 8	0 15	0 43	1 35	15 11	2 33	23 30	0 16	7 59	1 37	3 1	15 27	3 5	2 32	7 38	1 30	4 6
W27	12 41	23 1	3 54	21 55	2 36	27 37	4 52	13 22	0 15	0 41	1 35	15 10	2 33	23 30	0 16	8 0	1 37	3 1	15 27	3 3	2 30	7 41	1 29	4 5
T 28	13 1	26 38	4 40	22 15	2 40	27 43	4 54	13 36	0 14	0 38	1 35	15 9	2 33	23 30	0 16	8 1	1 37	3 1	15 27	3 2	2 29	7 44	1 28	4 5
F 29	13 21	28 26	5 6	22 34	2 43	27 48	4 55	13 50	0 14	0 36	1 35	15 7	2 33	23 30	0 16	8 2	1 37	3 0	15 27	3 0	2 28	7 48	1 27	4 5
S 30	13 41	28 21	5 14	22 52	2 46	27 53	4 56	14 3	0 13	0 34	1 35	15 6	2 33	23 30	0 16	8 2	1 37	3 0	15 27	2 59	2 27	7 51	1 26	4 5
S 31	14s 1	26s36	5s 4	23s 8	2s49	27s57	4s57	14s17	0n13	0n32	1s34	15n 5	2s33	23n30	0n16	8s 3	1n37	3n 0	15s27	2n58	2n25	7n54	1n25	4n 5

Julian Day Number = 2494551.5, Delta T = 102.04 sec
Ecliptic obliquity = 23°25'36, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'08, Lahiri = 25°30'08

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ASTRODIENST EPHEMERIS for the year 2117
geocentric

NOVEMBER 2117 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 41 2	8♏31'13	5♒ 2	2♐11	20♐ 5	9♏40	4°R53	19°R12	7°R 8	24♎43	20°R43	7°D28	6♈ 3	17♈49	24°R 8	M 1
T 2	2 44 59	9°31'12	17°35	3°10	20°41	10°21	4♈48	19♉ 7	7♋ 7	24°45	20♉42	7♈28	6° 0	17°56	24♓ 6	T 2
W 3	2 48 55	10°31'11	29°50	4° 7	21°15	11° 2	4°43	19° 2	7° 6	24°47	20°41	7°29	5°57	18° 3	24° 4	W 3
T 4	2 52 52	11°31'13	11♓51	4°59	21°48	11°43	4°38	18°58	7° 5	24°50	20°40	7°31	5°53	18° 9	24° 2	T 4
F 5	2 56 48	12°31'15	23°43	5°48	22°20	12°24	4°33	18°53	7° 4	24°52	20°39	7°33	5°50	18°16	24° 1	F 5
S 6	3 0 45	13°31'20	5♈31	6°33	22°50	13° 5	4°29	18°48	7° 2	24°54	20°38	7°R33	5°47	18°22	23°59	S 6
S 7	3 4 41	14°31'26	17°18	7°13	23°18	13°46	4°24	18°43	7° 1	24°56	20°37	7°33	5°44	18°29	23°58	S 7
M 8	3 8 38	15°31'34	29° 7	7°47	23°45	14°28	4°20	18°38	7° 0	24°58	20°35	7°31	5°41	18°36	23°56	M 8
T 9	3 12 34	16°31'44	11♉ 2	8°15	24°10	15° 9	4°16	18°34	6°59	25° 0	20°34	7°26	5°38	18°42	23°55	T 9
W10	3 16 31	17°31'55	23° 3	8°37	24°34	15°50	4°12	18°29	6°57	25° 2	20°33	7°20	5°34	18°49	23°53	W10
T 11	3 20 28	18°32'08	5♊13	8°51	24°55	16°32	4° 8	18°24	6°56	25° 4	20°32	7°13	5°31	18°56	23°52	T 11
F 12	3 24 24	19°32'23	17°33	8°R57	25°15	17°13	4° 5	18°19	6°54	25° 7	20°31	7° 5	5°28	19° 2	23°51	F 12
S 13	3 28 21	20°32'40	0♋ 3	8°54	25°33	17°55	4° 1	18°14	6°53	25° 9	20°30	6°57	5°25	19° 9	23°50	S 13
S 14	3 32 17	21°32'59	12°45	8°43	25°49	18°36	3°58	18° 9	6°51	25°11	20°29	6°50	5°22	19°16	23°49	S 14
M15	3 36 14	22°33'20	25°40	8°21	26° 2	19°18	3°55	18° 4	6°50	25°13	20°28	6°45	5°18	19°22	23°47	M15
T 16	3 40 10	23°33'43	8♌51	7°49	26°14	20° 0	3°53	18° 0	6°48	25°15	20°26	6°42	5°15	19°29	23°46	T 16
W17	3 44 7	24°34'07	22°18	7° 7	26°24	20°41	3°50	17°55	6°46	25°17	20°25	6°D40	5°12	19°36	23°45	W17
T 18	3 48 3	25°34'34	6♍ 3	6°15	26°31	21°23	3°48	17°50	6°45	25°19	20°24	6°41	5° 9	19°42	23°44	T 18
F 19	3 52 0	26°35'02	20° 8	5°14	26°36	22° 5	3°46	17°45	6°43	25°21	20°23	6°42	5° 6	19°49	23°43	F 19
S 20	3 55 57	27°35'32	4♎31	4° 4	26°38	22°47	3°44	17°40	6°41	25°23	20°22	6°R43	5° 3	19°56	23°43	S 20
S 21	3 59 53	28°36'04	19°11	2°49	26°R39	23°29	3°42	17°36	6°39	25°25	20°21	6°42	4°59	20° 2	23°42	S 21
M22	4 3 50	29°36'37	4♏ 3	1°29	26°36	24°11	3°40	17°31	6°37	25°27	20°20	6°39	4°56	20° 9	23°41	M22
T 23	4 7 46	0♐37'13	19° 0	0° 7	26°32	24°53	3°39	17°26	6°35	25°29	20°19	6°34	4°53	20°16	23°40	T 23
W24	4 11 43	1°37'50	3♐54	28♏47	26°25	25°35	3°38	17°22	6°33	25°30	20°18	6°26	4°50	20°22	23°40	W24
T 25	4 15 39	2°38'28	18°35	27°30	26°15	26°17	3°37	17°17	6°32	25°32	20°16	6°17	4°47	20°29	23°39	T 25
F 26	4 19 36	3°39'08	2♑56	26°19	26° 4	26°59	3°36	17°12	6°29	25°34	20°15	6° 8	4°44	20°35	23°39	F 26
S 27	4 23 32	4°39'49	16°52	25°17	25°49	27°41	3°36	17° 8	6°27	25°36	20°14	5°59	4°40	20°42	23°38	S 27
S 28	4 27 29	5°40'31	0♒20	24°25	25°33	28°24	3°36	17° 3	6°25	25°38	20°13	5°51	4°37	20°49	23°38	S 28
M29	4 31 26	6°41'14	13°21	23°43	25°13	29° 6	3°D36	16°59	6°23	25°40	20°12	5°46	4°34	20°55	23°37	M29
T 30	4 35 22	7♐41'59	25♒58	23♏13	24♐52	29♏48	3♈36	16♉55	6♋21	25♎41	20♉11	5♈44	4♈31	21♈ 2	23♓37	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s20	23s30	4s38	23s23	2s51	28s 0	4s58	14s31	0n12	0n30	1s34	15n 4	2s33	23n30	0n16	8s 4	1n37	3n 0	15s27	2n58	2n24	7n58	1n24	4n 4
T 2	14 39	19 22	4 0	23 36	2 52	28 3	4 58	14 44	0 11	0 28	1 34	15 2	2 33	23 30	0 16	8 5	1 37	2 59	15 27	2 58	2 23	8 1	1 24	4 4
W 3	14 58	14 31	3 12	23 47	2 53	28 6	4 58	14 57	0 11	0 26	1 34	15 1	2 33	23 31	0 16	8 6	1 37	2 59	15 27	2 58	2 22	8 4	1 23	4 4
T 4	15 17	9 13	2 16	23 57	2 53	28 8	4 58	15 11	0 10	0 25	1 34	15 0	2 33	23 31	0 16	8 6	1 37	2 59	15 27	2 59	2 20	8 8	1 22	4 4
F 5	15 35	3 39	1 15	24 6	2 53	28 9	4 57	15 24	0 10	0 23	1 33	14 58	2 33	23 31	0 16	8 7	1 37	2 58	15 27	2 59	2 19	8 11	1 21	4 3
S 6	15 53	2n 1	0 11	24 12	2 51	28 10	4 57	15 37	0 9	0 21	1 33	14 57	2 33	23 31	0 16	8 8	1 37	2 58	15 27	3 0	2 18	8 14	1 20	4 3
S 7	16 11	7 36	0n53	24 17	2 49	28 11	4 56	15 50	0 8	0 20	1 33	14 56	2 33	23 31	0 16	8 9	1 37	2 58	15 27	3 0	2 17	8 18	1 19	4 3
M 8	16 29	12 57	1 55	24 19	2 46	28 11	4 54	16 3	0 8	0 18	1 33	14 55	2 33	23 31	0 16	8 9	1 37	2 57	15 27	2 59	2 15	8 21	1 18	4 3
T 9	16 46	17 51	2 52	24 19	2 41	28 10	4 52	16 15	0 7	0 17	1 32	14 53	2 33	23 31	0 17	8 10	1 37	2 57	15 27	2 57	2 14	8 24	1 18	4 2
W10	17 3	22 6	3 42	24 17	2 36	28 9	4 50	16 28	0 7	0 16	1 32	14 52	2 33	23 31	0 17	8 11	1 37	2 57	15 27	2 55	2 13	8 28	1 17	4 2
T 11	17 20	25 27	4 22	24 13	2 29	28 7	4 48	16 40	0 6	0 14	1 32	14 51	2 33	23 31	0 17	8 12	1 37	2 57	15 27	2 52	2 11	8 31	1 16	4 2
F 12	17 36	27 40	4 51	24 6	2 21	28 5	4 45	16 53	0 6	0 13	1 32	14 49	2 33	23 31	0 17	8 12	1 37	2 56	15 27	2 49	2 10	8 34	1 15	4 2
S 13	17 53	28 32	5 6	23 56	2 11	28 2	4 41	17 5	0 5	0 12	1 31	14 48	2 33	23 31	0 17	8 13	1 37	2 56	15 27	2 45	2 9	8 38	1 15	4 1
S 14	18 8	27 54	5 7	23 43	2 0	27 59	4 38	17 17	0 4	0 11	1 31	14 47	2 33	23 32	0 17	8 14	1 37	2 56	15 27	2 43	2 8	8 41	1 14	4 1
M15	18 24	25 47	4 52	23 27	1 47	27 55	4 34	17 29	0 4	0 10	1 31	14 46	2 33	23 32	0 17	8 15	1 37	2 56	15 27	2 41	2 6	8 44	1 13	4 1
T 16	18 39	22 14	4 22	23 8	1 33	27 51	4 29	17 41	0 3	0 9	1 31	14 44	2 32	23 32	0 17	8 15	1 37	2 55	15 27	2 39	2 5	8 48	1 13	4 1
W17	18 54	17 29	3 36	22 45	1 17	27 46	4 24	17 52	0 3	0 8	1 30	14 43	2 32	23 32	0 17	8 16	1 37	2 55	15 27	2 39	2 4	8 51	1 12	4 0
T 18	19 9	11 44	2 38	22 19	1 0	27 41	4 18	18 4	0 2	0 8	1 30	14 42	2 32	23 32	0 17	8 17	1 37	2 55	15 27	2 39	2 3	8 54	1 11	4 0
F 19	19 23	5 16	1 28	21 50	0 41	27 35	4 12	18 15	0 1	0 7	1 30	14 41	2 32	23 32	0 17	8 17	1 37	2 55	15 27	2 39	2 1	8 58	1 11	4 0
S 20	19 37	1s37	0 12	21 18	0 21	27 29	4 6	18 27	0 1	0 7	1 30	14 39	2 32	23 32	0 17	8 18	1 37	2 55	15 27	2 40	2 0	9 1	1 10	3 59
S 21	19 50	8 32	1s 7	20 43	0 1	27 21	3 58	18 38	0 0	0 6	1 29	14 38	2 32	23 32	0 17	8 19	1 37	2 54	15 27	2 40	1 59	9 4	1 10	3 59
M22	20 3	15 5	2 21	20 7	0n20	27 14	3 51	18 49	0s 0	0 6	1 29	14 37	2 32	23 32	0 17	8 19	1 37	2 54	15 27	2 38	1 58	9 7	1 9	3 59
T 23	20 16	20 47	3 27	19 31	0 40	27 5	3 43	19 0	0 1	0 6	1 29	14 36	2 32	23 33	0 17	8 20	1 37	2 54	15 27	2 36	1 56	9 11	1 9	3 59
W24	20 29	25 8	4 18	18 54	1 0	26 56	3 34	19 10	0 2	0 5	1 28	14 35	2 32	23 33	0 17	8 21	1 37	2 54	15 26	2 33	1 55	9 14	1 8	3 58
T 25	20 41	27 46	4 51	18 19	1 18	26 47	3 25	19 21	0 2	0 5	1 28	14 34	2 32	23 33	0 17	8 21	1 37	2 54	15 26	2 30	1 54	9 17	1 8	3 58
F 26	20 52	28 28	5 5	17 47	1 35	26 37	3 15	19 31	0 3	0 5	1 28	14 32	2 31	23 33	0 17	8 22	1 38	2 53	15 26	2 26	1 53	9 21	1 7	3 58
S 27	21 4	27 19	5 0	17 18	1 50	26 26	3 4	19 41	0 3	0 5	1 28	14 31	2 31	23 33	0 17	8 23	1 38	2 53	15 26	2 22	1 51	9 24	1 7	3 58
S 28	21 14	24 35	4 38	16 53	2 3	26 14	2 53	19 51	0 4	0 6	1 27	14 30	2 31	23 33	0 17	8 23	1 38	2 53	15 26	2 20	1 50	9 27	1 6	3 57
M29	21 25	20 40	4 2	16 32	2 14	26 2	2 42	20 1	0 5	0 6	1 27	14 29	2 31	23 33	0 17	8 24	1 38	2 53	15 26	2 17	1 49	9 31	1 6	3 57
T 30	21s35	15s56	3s16	16s16	2n22	25s49	2s29	20s11	0s 5	0n 6	1s27	14n28	2s31	23n33	0n17	8s24	1n38	2n53	15s26	2n16	1n48	9n34	1n 5	3n57

Julian Day Number = 2494582.5, Delta T = 102.09 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'12, Lahiri = 25°30'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2117
geocentric

DECEMBER 2117 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 39 19	8♐42'44	8♓13	22°R55	24°R28	0♐31	3♈36	16°R50	6°R19	25♎43	20°R10	5°D43	4♈28	21♈ 9	23°R37	W 1
T 2	4 43 15	9°43'30	20°14	22°D47	24♐ 3	1°13	3°37	16♉46	6♋17	25°45	20♉ 9	5♈43	4°24	21°15	23♓37	T 2
F 3	4 47 12	10°44'17	2♈ 6	22♏51	23°35	1°56	3°38	16°42	6°14	25°47	20° 8	5°R44	4°21	21°22	23°37	F 3
S 4	4 51 8	11°45'05	13°53	23° 5	23° 6	2°38	3°38	16°38	6°12	25°48	20° 7	5°43	4°18	21°29	23°36	S 4
S 5	4 55 5	12°45'54	25°40	23°28	22°34	3°21	3°40	16°33	6°10	25°50	20° 6	5°41	4°15	21°35	23°D36	S 5
M 6	4 59 1	13°46'44	7♉33	23°59	22° 2	4° 3	3°41	16°29	6° 8	25°52	20° 5	5°37	4°12	21°42	23°37	M 6
T 7	5 2 58	14°47'34	19°34	24°38	21°28	4°46	3°43	16°25	6° 5	25°53	20° 4	5°29	4° 9	21°49	23°37	T 7
W 8	5 6 55	15°48'26	1♊46	25°23	20°53	5°29	3°44	16°22	6° 3	25°55	20° 3	5°19	4° 5	21°55	23°37	W 8
T 9	5 10 51	16°49'19	14°10	26°15	20°17	6°11	3°47	16°18	6° 1	25°57	20° 2	5° 7	4° 2	22° 2	23°37	T 9
F 10	5 14 48	17°50'13	26°47	27°11	19°41	6°54	3°49	16°14	5°58	25°58	20° 1	4°54	3°59	22° 9	23°37	F 10
S 11	5 18 44	18°51'08	9♋37	28°12	19° 5	7°37	3°51	16°10	5°56	26° 0	20° 0	4°41	3°56	22°15	23°38	S 11
S 12	5 22 41	19°52'04	22°38	29°17	18°28	8°20	3°54	16° 7	5°53	26° 1	19°59	4°29	3°53	22°22	23°38	S 12
M13	5 26 37	20°53'01	5♌51	0♐26	17°52	9° 3	3°57	16° 3	5°51	26° 3	19°58	4°19	3°50	22°29	23°38	M13
T 14	5 30 34	21°53'59	19°14	1°37	17°16	9°46	4° 0	16° 0	5°48	26° 4	19°57	4°13	3°46	22°35	23°39	T 14
W15	5 34 31	22°54'58	2♍48	2°51	16°41	10°29	4° 3	15°56	5°46	26° 5	19°56	4° 9	3°43	22°42	23°39	W15
T 16	5 38 27	23°55'58	16°32	4° 7	16° 7	11°12	4° 6	15°53	5°43	26° 7	19°55	4° 8	3°40	22°49	23°40	T 16
F 17	5 42 24	24°56'59	0♎28	5°25	15°34	11°55	4°10	15°50	5°41	26° 8	19°54	4° 8	3°37	22°55	23°41	F 17
S 18	5 46 20	25°58'01	14°35	6°45	15° 2	12°38	4°14	15°47	5°38	26°10	19°53	4° 8	3°34	23° 2	23°41	S 18
S 19	5 50 17	26°59'04	28°54	8° 6	14°32	13°21	4°18	15°44	5°36	26°11	19°52	4° 6	3°30	23° 8	23°42	S 19
M20	5 54 13	28° 0'09	13♏20	9°29	14° 4	14° 4	4°22	15°41	5°33	26°12	19°52	4° 2	3°27	23°15	23°43	M20
T 21	5 58 10	29° 1'14	27°52	10°53	13°38	14°48	4°26	15°38	5°31	26°13	19°51	3°54	3°24	23°22	23°44	T 21
W22	6 2 6	0♑ 2'20	12♐23	12°17	13°14	15°31	4°31	15°35	5°28	26°15	19°50	3°44	3°21	23°28	23°45	W22
T 23	6 6 3	1° 3'26	26°46	13°43	12°52	16°15	4°35	15°32	5°26	26°16	19°49	3°32	3°18	23°35	23°46	T 23
F 24	6 10 0	2° 4'33	10♑54	15° 9	12°32	16°58	4°40	15°30	5°23	26°17	19°48	3°19	3°15	23°42	23°47	F 24
S 25	6 13 56	3° 5'41	24°43	16°36	12°15	17°41	4°45	15°27	5°20	26°18	19°48	3° 7	3°11	23°48	23°48	S 25
S 26	6 17 53	4° 6'49	8♒ 9	18° 4	12° 0	18°25	4°51	15°25	5°18	26°19	19°47	2°56	3° 8	23°55	23°49	S 26
M27	6 21 49	5° 7'57	21°10	19°32	11°47	19° 9	4°56	15°23	5°15	26°20	19°46	2°48	3° 5	24° 2	23°51	M27
T 28	6 25 46	6° 9'05	3♓48	21° 1	11°37	19°52	5° 2	15°20	5°13	26°21	19°45	2°43	3° 2	24° 8	23°52	T 28
W29	6 29 42	7°10'13	16° 7	22°30	11°30	20°36	5° 8	15°18	5°10	26°22	19°45	2°40	2°59	24°15	23°53	W29
T 30	6 33 39	8°11'21	28° 9	24° 0	11°25	21°20	5°14	15°16	5° 8	26°23	19°44	2°40	2°56	24°22	23°55	T 30
F 31	6 37 35	9♑12'29	10♈ 2	25♐30	11♐22	22♐ 3	5♈20	15♉15	5♋ 5	26♎24	19♉43	2♈40	2♈52	24♈28	23♓56	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s45	10s40	2s22	16s 5	2n29	25s35	2s17	20s20	0s 6	0n 7	1s26	14n27	2s31	23n33	0n17	8s25	1n38	2n53	15s26	2n16	1n46	9n37	1n 5	3n56
T 2	21 54	5 7	1 22	15 59	2 34	25 21	2 4	20 30	0 6	0 7	1 26	14 26	2 31	23 34	0 17	8 26	1 38	2 53	15 26	2 16	1 45	9 40	1 5	3 56
F 3	22 3	0n32	0 19	15 57	2 36	25 6	1 50	20 39	0 7	0 8	1 26	14 25	2 30	23 34	0 17	8 26	1 38	2 52	15 25	2 16	1 44	9 44	1 4	3 56
S 4	22 11	6 8	0n43	15 59	2 38	24 51	1 36	20 48	0 8	0 8	1 26	14 24	2 30	23 34	0 17	8 27	1 38	2 52	15 25	2 16	1 43	9 47	1 4	3 56
S 5	22 19	11 32	1 44	16 5	2 37	24 35	1 22	20 57	0 8	0 9	1 25	14 23	2 30	23 34	0 17	8 27	1 38	2 52	15 25	2 16	1 41	9 50	1 4	3 55
M 6	22 26	16 33	2 41	16 14	2 36	24 18	1 7	21 5	0 9	0 10	1 25	14 22	2 30	23 34	0 17	8 28	1 38	2 52	15 25	2 14	1 40	9 54	1 4	3 55
T 7	22 34	21 0	3 31	16 26	2 33	24 1	0 52	21 14	0 9	0 11	1 25	14 21	2 30	23 34	0 17	8 28	1 38	2 52	15 25	2 11	1 39	9 57	1 3	3 55
W 8	22 40	24 37	4 12	16 40	2 30	23 43	0 37	21 22	0 10	0 12	1 24	14 20	2 29	23 34	0 17	8 29	1 38	2 52	15 25	2 7	1 37	10 0	1 3	3 54
T 9	22 46	27 9	4 41	16 56	2 26	23 25	0 21	21 30	0 11	0 13	1 24	14 19	2 29	23 34	0 17	8 30	1 38	2 52	15 24	2 2	1 36	10 3	1 3	3 54
F 10	22 52	28 21	4 58	17 14	2 21	23 7	0 6	21 38	0 11	0 14	1 24	14 18	2 29	23 35	0 17	8 30	1 38	2 52	15 24	1 57	1 35	10 7	1 3	3 54
S 11	22 58	28 4	5 0	17 33	2 15	22 49	0n10	21 46	0 12	0 15	1 24	14 17	2 29	23 35	0 17	8 31	1 38	2 52	15 24	1 51	1 34	10 10	1 3	3 54
S 12	23 2	26 14	4 46	17 53	2 9	22 30	0 26	21 53	0 12	0 16	1 23	14 17	2 29	23 35	0 17	8 31	1 38	2 52	15 24	1 47	1 32	10 13	1 3	3 53
M13	23 7	22 57	4 17	18 14	2 3	22 11	0 41	22 1	0 13	0 18	1 23	14 16	2 28	23 35	0 17	8 32	1 38	2 52	15 24	1 43	1 31	10 16	1 3	3 53
T 14	23 11	18 26	3 34	18 35	1 56	21 53	0 57	22 8	0 14	0 19	1 23	14 15	2 28	23 35	0 17	8 32	1 38	2 51	15 24	1 40	1 30	10 20	1 3	3 53
W15	23 14	12 55	2 38	18 56	1 49	21 34	1 12	22 15	0 14	0 21	1 22	14 14	2 28	23 35	0 17	8 33	1 38	2 51	15 23	1 39	1 29	10 23	1 3	3 52
T 16	23 17	6 43	1 32	19 18	1 42	21 16	1 27	22 21	0 15	0 22	1 22	14 13	2 28	23 35	0 17	8 33	1 38	2 51	15 23	1 38	1 27	10 26	1 3	3 52
F 17	23 20	0 7	0 19	19 39	1 34	20 58	1 41	22 28	0 15	0 24	1 22	14 13	2 28	23 35	0 17	8 33	1 38	2 51	15 23	1 38	1 26	10 29	1 3	3 52
S 18	23 22	6s36	0s55	20 0	1 26	20 40	1 56	22 34	0 16	0 26	1 22	14 12	2 27	23 36	0 17	8 34	1 38	2 51	15 23	1 38	1 25	10 33	1 3	3 52
S 19	23 24	13 3	2 7	20 21	1 19	20 23	2 9	22 40	0 17	0 28	1 21	14 11	2 27	23 36	0 17	8 34	1 39	2 51	15 23	1 38	1 24	10 36	1 3	3 51
M20	23 25	18 52	3 11	20 41	1 11	20 7	2 23	22 46	0 17	0 30	1 21	14 11	2 27	23 36	0 17	8 35	1 39	2 51	15 22	1 36	1 22	10 39	1 3	3 51
T 21	23 25	23 37	4 3	21 1	1 3	19 51	2 36	22 51	0 18	0 32	1 21	14 10	2 27	23 36	0 17	8 35	1 39	2 51	15 22	1 33	1 21	10 42	1 3	3 51
W22	23 26	26 53	4 40	21 20	0 55	19 36	2 48	22 57	0 19	0 34	1 20	14 10	2 26	23 36	0 17	8 35	1 39	2 51	15 22	1 29	1 20	10 46	1 3	3 51
T 23	23 25	28 21	4 58	21 39	0 48	19 21	3 0	23 2	0 19	0 36	1 20	14 9	2 26	23 36	0 17	8 36	1 39	2 51	15 22	1 24	1 19	10 49	1 3	3 50
F 24	23 25	27 55	4 57	21 56	0 40	19 8	3 11	23 7	0 20	0 38	1 20	14 9	2 26	23 36	0 17	8 36	1 39	2 51	15 21	1 19	1 17	10 52	1 3	3 50
S 25	23 23	25 45	4 39	22 13	0 32	18 55	3 22	23 12	0 20	0 40	1 20	14 8	2 26	23 36	0 17	8 37	1 39	2 51	15 21	1 14	1 16	10 55	1 3	3 50
S 26	23 22	22 11	4 6	22 29	0 24	18 43	3 32	23 16	0 21	0 43	1 19	14 8	2 25	23 36	0 17	8 37	1 39	2 52	15 21	1 10	1 15	10 59	1 4	3 49
M27	23 20	17 36	3 21	22 44	0 17	18 32	3 41	23 21	0 22	0 45	1 19	14 7	2 25	23 37	0 17	8 37	1 39	2 52	15 21	1 7	1 14	11 2	1 4	3 49
T 28	23 17	12 23	2 26	22 58	0 9	18 22	3 50	23 25	0 22	0 47	1 19	14 7	2 25	23 37	0 17	8 38	1 39	2 52	15 20	1 5	1 12	11 5	1 4	3 49
W29	23 14	6 48	1 26	23 11	0 2	18 12	3 59	23 28	0 23	0 50	1 19	14 7	2 25	23 37	0 17	8 38	1 39	2 52	15 20	1 4	1 11	11 8	1 4	3 49
T 30	23 10	1 6	0 24	23 23	0s 5	18 4	4 6	23 32	0 24	0 53	1 18	14 6	2 24	23 37	0 17	8 38	1 39	2 52	15 20	1 3	1 10	11 11	1 5	3 48
F 31	23s 6	4n34	0n39	23s33	0s12	17s57	4n14	23s35	0s24	0n55	1s18	14n 6	2s24	23n37	0n17	8s39	1n39	2n52	15s20	1n 3	1n 8	11n15	1n 5	3n48

Julian Day Number = 2494612.5, Delta T = 102.13 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'16, Lahiri = 25°30'17

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ASTRODIENST EPHEMERIS for the year 2118
geocentric

JANUARY 2118 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 32	10♑13'38	21♈50	27♐ 0	11°D22	22♐47	5♈26	15°R13	5°R 2	26♎25	19°R43	2°R39	2♈49	24♈35	23♓57	S 1
S 2	6 45 29	11°14'46	3♉39	28°31	11♐24	23°31	5°33	15♉11	5♋ 0	26°26	19♉42	2♈37	2°46	24°42	23°59	S 2
M 3	6 49 25	12°15'54	15°34	0♑ 2	11°29	24°15	5°40	15°10	4°57	26°27	19°41	2°33	2°43	24°48	24° 1	M 3
T 4	6 53 22	13°17'02	27°39	1°33	11°36	24°59	5°46	15° 8	4°55	26°28	19°41	2°26	2°40	24°55	24° 2	T 4
W 5	6 57 18	14°18'10	9♊59	3° 5	11°45	25°43	5°53	15° 7	4°52	26°29	19°40	2°16	2°36	25° 2	24° 4	W 5
T 6	7 1 15	15°19'17	22°36	4°38	11°56	26°27	6° 1	15° 6	4°50	26°29	19°39	2° 4	2°33	25° 8	24° 6	T 6
F 7	7 5 11	16°20'25	5♋29	6°10	12°10	27°11	6° 8	15° 5	4°47	26°30	19°39	1°51	2°30	25°15	24° 7	F 7
S 8	7 9 8	17°21'32	18°39	7°43	12°26	27°55	6°15	15° 4	4°45	26°31	19°38	1°38	2°27	25°22	24° 9	S 8
S 9	7 13 5	18°22'40	2♌ 5	9°16	12°44	28°39	6°23	15° 3	4°42	26°31	19°38	1°26	2°24	25°28	24°11	S 9
M10	7 17 1	19°23'47	15°42	10°50	13° 4	29°23	6°31	15° 2	4°40	26°32	19°37	1°17	2°21	25°35	24°13	M10
T 11	7 20 58	20°24'55	29°29	12°24	13°25	0♑ 7	6°39	15° 1	4°37	26°33	19°37	1°10	2°17	25°42	24°15	T 11
W12	7 24 54	21°26'02	13♍23	13°59	13°49	0°51	6°47	15° 1	4°35	26°33	19°36	1° 6	2°14	25°48	24°17	W12
T 13	7 28 51	22°27'09	27°21	15°34	14°14	1°36	6°55	15° 0	4°32	26°34	19°36	1°D 5	2°11	25°55	24°19	T 13
F 14	7 32 47	23°28'16	11♎23	17° 9	14°42	2°20	7° 4	15° 0	4°30	26°34	19°36	1° 5	2° 8	26° 2	24°21	F 14
S 15	7 36 44	24°29'23	25°28	18°45	15°10	3° 4	7°12	15° 0	4°28	26°35	19°35	1°R 6	2° 5	26° 8	24°24	S 15
S 16	7 40 40	25°30'31	9♏34	20°22	15°41	3°49	7°21	14°D59	4°25	26°35	19°35	1° 5	2° 2	26°15	24°26	S 16
M17	7 44 37	26°31'38	23°41	21°58	16°13	4°33	7°30	14°59	4°23	26°35	19°34	1° 2	1°58	26°22	24°28	M17
T 18	7 48 34	27°32'45	7♐47	23°36	16°46	5°18	7°39	15° 0	4°20	26°36	19°34	0°56	1°55	26°28	24°30	T 18
W19	7 52 30	28°33'52	21°50	25°14	17°21	6° 2	7°48	15° 0	4°18	26°36	19°34	0°48	1°52	26°35	24°33	W19
T 20	7 56 27	29°34'59	5♑45	26°52	17°58	6°47	7°57	15° 0	4°16	26°36	19°33	0°38	1°49	26°42	24°35	T 20
F 21	8 0 23	0♒36'05	19°29	28°31	18°35	7°32	8° 6	15° 1	4°14	26°37	19°33	0°27	1°46	26°48	24°37	F 21
S 22	8 4 20	1°37'11	2♒57	0♒10	19°14	8°16	8°16	15° 1	4°11	26°37	19°33	0°17	1°42	26°55	24°40	S 22
S 23	8 8 16	2°38'16	16° 8	1°50	19°54	9° 1	8°26	15° 2	4° 9	26°37	19°33	0° 8	1°39	27° 2	24°42	S 23
M24	8 12 13	3°39'20	29° 1	3°31	20°35	9°46	8°35	15° 3	4° 7	26°37	19°32	0° 1	1°36	27° 8	24°45	M24
T 25	8 16 9	4°40'23	11♓34	5°12	21°18	10°31	8°45	15° 4	4° 5	26°37	19°32	29♓56	1°33	27°15	24°48	T 25
W26	8 20 6	5°41'26	23°51	6°54	22° 1	11°15	8°55	15° 5	4° 3	26°37	19°32	29°54	1°30	27°21	24°50	W26
T 27	8 24 3	6°42'27	5♈53	8°36	22°46	12° 0	9° 5	15° 6	4° 1	26°37	19°32	29°D54	1°27	27°28	24°53	T 27
F 28	8 27 59	7°43'28	17°47	10°19	23°31	12°45	9°16	15° 7	3°59	26°R37	19°32	29°55	1°23	27°35	24°56	F 28
S 29	8 31 56	8°44'27	29°35	12° 3	24°17	13°30	9°26	15° 8	3°57	26°37	19°32	29°57	1°20	27°41	24°58	S 29
S 30	8 35 52	9°45'26	11♉25	13°47	25° 5	14°15	9°36	15°10	3°55	26°37	19°32	29°R57	1°17	27°48	25° 1	S 30
M31	8 39 49	10♒46'23	23♉20	15♒31	25♐53	15♑ 0	9♈47	15♉11	3♋53	26♎37	19♉32	29♓56	1♈14	27♈55	25♓ 4	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 2	10n 3	1n40	23s43	0s20	17s50	4n20	23s39	0s25	0n58	1s18	14n 6	2s24	23n37	0n17	8s39	1n39	2n52	15s19	1n 3	1n 7	11n18	1n 5	3n48
S 2	22 57	15 10	2 36	23 51	0 26	17 44	4 27	23 41	0 25	1 1	1 18	14 6	2 23	23 37	0 17	8 39	1 39	2 52	15 19	1 2	1 6	11 21	1 6	3 48
M 3	22 52	19 47	3 26	23 59	0 33	17 39	4 32	23 44	0 26	1 4	1 17	14 5	2 23	23 37	0 17	8 39	1 39	2 52	15 19	1 1	1 5	11 24	1 6	3 47
T 4	22 46	23 39	4 8	24 5	0 40	17 35	4 37	23 46	0 27	1 7	1 17	14 5	2 23	23 37	0 17	8 40	1 39	2 52	15 18	0 58	1 3	11 28	1 6	3 47
W 5	22 40	26 32	4 39	24 10	0 46	17 32	4 42	23 49	0 27	1 10	1 17	14 5	2 23	23 38	0 17	8 40	1 39	2 52	15 18	0 54	1 2	11 31	1 7	3 47
T 6	22 33	28 9	4 57	24 13	0 52	17 29	4 46	23 51	0 28	1 13	1 17	14 5	2 22	23 38	0 17	8 40	1 40	2 53	15 18	0 49	1 1	11 34	1 7	3 47
F 7	22 26	28 19	5 0	24 15	0 58	17 27	4 50	23 52	0 29	1 16	1 16	14 5	2 22	23 38	0 17	8 40	1 40	2 53	15 18	0 44	1 0	11 37	1 8	3 46
S 8	22 18	26 53	4 48	24 16	1 4	17 26	4 53	23 54	0 29	1 19	1 16	14 5	2 22	23 38	0 17	8 40	1 40	2 53	15 17	0 39	0 58	11 40	1 8	3 46
S 9	22 10	23 54	4 20	24 16	1 10	17 25	4 56	23 55	0 30	1 22	1 16	14 5	2 21	23 38	0 17	8 41	1 40	2 53	15 17	0 34	0 57	11 44	1 9	3 46
M10	22 1	19 33	3 36	24 14	1 15	17 25	4 58	23 56	0 30	1 26	1 16	14 5	2 21	23 38	0 17	8 41	1 40	2 53	15 17	0 30	0 56	11 47	1 9	3 45
T 11	21 53	14 8	2 39	24 11	1 20	17 26	5 0	23 57	0 31	1 29	1 15	14 5	2 21	23 38	0 17	8 41	1 40	2 53	15 16	0 28	0 55	11 50	1 10	3 45
W12	21 43	7 57	1 33	24 7	1 25	17 27	5 2	23 57	0 32	1 33	1 15	14 5	2 21	23 38	0 17	8 41	1 40	2 54	15 16	0 26	0 53	11 53	1 11	3 45
T 13	21 33	1 21	0 20	24 1	1 30	17 29	5 3	23 57	0 32	1 36	1 15	14 5	2 20	23 38	0 17	8 41	1 40	2 54	15 16	0 26	0 52	11 56	1 11	3 45
F 14	21 23	5s20	0s55	23 53	1 35	17 31	5 4	23 57	0 33	1 40	1 15	14 6	2 20	23 38	0 17	8 41	1 40	2 54	15 16	0 26	0 51	12 0	1 12	3 45
S 15	21 13	11 48	2 6	23 45	1 39	17 33	5 5	23 57	0 33	1 43	1 14	14 6	2 20	23 38	0 17	8 41	1 40	2 54	15 15	0 26	0 50	12 3	1 12	3 44
S 16	21 2	17 40	3 10	23 35	1 43	17 36	5 5	23 56	0 34	1 47	1 14	14 6	2 19	23 39	0 17	8 42	1 40	2 54	15 15	0 26	0 48	12 6	1 13	3 44
M17	20 50	22 35	4 2	23 23	1 47	17 39	5 5	23 56	0 35	1 50	1 14	14 6	2 19	23 39	0 17	8 42	1 40	2 55	15 15	0 25	0 47	12 9	1 14	3 44
T 18	20 38	26 11	4 39	23 10	1 50	17 43	5 5	23 55	0 35	1 54	1 14	14 7	2 19	23 39	0 17	8 42	1 40	2 55	15 14	0 22	0 46	12 12	1 14	3 44
W19	20 26	28 10	5 0	22 56	1 53	17 47	5 4	23 53	0 36	1 58	1 13	14 7	2 19	23 39	0 17	8 42	1 40	2 55	15 14	0 19	0 45	12 15	1 15	3 43
T 20	20 14	28 20	5 2	22 40	1 56	17 51	5 3	23 52	0 37	2 2	1 13	14 7	2 18	23 39	0 17	8 42	1 40	2 55	15 14	0 15	0 43	12 19	1 16	3 43
F 21	20 1	26 45	4 47	22 23	1 58	17 55	5 2	23 50	0 37	2 6	1 13	14 8	2 18	23 39	0 17	8 42	1 40	2 55	15 13	0 11	0 42	12 22	1 17	3 43
S 22	19 47	23 38	4 16	22 4	2 0	18 0	5 1	23 48	0 38	2 10	1 13	14 8	2 18	23 39	0 17	8 42	1 41	2 56	15 13	0 7	0 41	12 25	1 17	3 43
S 23	19 34	19 22	3 32	21 43	2 2	18 4	4 59	23 46	0 38	2 14	1 13	14 9	2 17	23 39	0 17	8 42	1 41	2 56	15 13	0 3	0 39	12 28	1 18	3 42
M24	19 20	14 17	2 38	21 22	2 4	18 9	4 57	23 43	0 39	2 18	1 12	14 9	2 17	23 39	0 17	8 42	1 41	2 56	15 12	0 0	0 38	12 31	1 19	3 42
T 25	19 5	8 43	1 37	20 58	2 5	18 14	4 56	23 40	0 40	2 22	1 12	14 10	2 17	23 39	0 17	8 42	1 41	2 57	15 12	0s 1	0 37	12 34	1 20	3 42
W26	18 50	2 57	0 33	20 33	2 5	18 18	4 53	23 37	0 40	2 26	1 12	14 10	2 16	23 39	0 17	8 42	1 41	2 57	15 12	0 2	0 36	12 38	1 21	3 42
T 27	18 35	2n50	0n32	20 7	2 5	18 23	4 51	23 34	0 41	2 30	1 12	14 11	2 16	23 39	0 17	8 42	1 41	2 57	15 11	0 2	0 34	12 41	1 22	3 42
F 28	18 20	8 26	1 35	19 39	2 5	18 28	4 48	23 30	0 41	2 34	1 12	14 12	2 16	23 39	0 17	8 42	1 41	2 57	15 11	0 2	0 33	12 44	1 22	3 41
S 29	18 4	13 42	2 33	19 10	2 4	18 33	4 46	23 26	0 42	2 39	1 11	14 12	2 16	23 39	0 17	8 42	1 41	2 58	15 11	0 1	0 32	12 47	1 23	3 41
S 30	17 48	18 29	3 25	18 39	2 3	18 37	4 43	23 22	0 43	2 43	1 11	14 13	2 15	23 40	0 17	8 42	1 41	2 58	15 10	0 1	0 31	12 50	1 24	3 41
M31	17s31	22n36	4n 8	18s 7	2s 2	18s42	4n40	23s18	0s43	2n47	1s11	14n14	2s15	23n40	0n17	8s41	1n41	2n58	15s10	0s 2	0n29	12n53	1n25	3n41

Julian Day Number = 2494643.5, Delta T = 102.18 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'20, Lahiri = 25°30'21

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ASTRODIENST EPHEMERIS for the year 2118
geocentric

FEBRUARY 2118 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 45	11♒47'19	5♊27	17♒16	26♐42	15♑45	9♈58	15♉13	3°R51	26°R37	19°R32	29°R53	1♈11	28♈ 1	25♓ 7	T 1
W 2	8 47 42	12°48'14	17°49	19° 2	27°32	16°30	10° 9	15°15	3♋49	26♎37	19°D31	29♓48	1° 8	28° 8	25°10	W 2
T 3	8 51 38	13°49'08	0♋30	20°48	28°22	17°15	10°19	15°17	3°47	26°37	19♉31	29°41	1° 4	28°15	25°13	T 3
F 4	8 55 35	14°50'01	13°33	22°34	29°13	18° 0	10°31	15°19	3°46	26°37	19°32	29°33	1° 1	28°21	25°16	F 4
S 5	8 59 32	15°50'52	26°57	24°21	0♑ 5	18°46	10°42	15°21	3°44	26°36	19°32	29°25	0°58	28°28	25°19	S 5
S 6	9 3 28	16°51'42	10♌42	26° 7	0°58	19°31	10°53	15°23	3°42	26°36	19°32	29°18	0°55	28°35	25°22	S 6
M 7	9 7 25	17°52'31	24°44	27°54	1°52	20°16	11° 4	15°26	3°40	26°36	19°32	29°12	0°52	28°41	25°25	M 7
T 8	9 11 21	18°53'19	8♍58	29°40	2°46	21° 1	11°16	15°28	3°39	26°35	19°32	29° 9	0°48	28°48	25°28	T 8
W 9	9 15 18	19°54'05	23°20	1♓26	3°40	21°47	11°27	15°30	3°37	26°35	19°32	29°D 7	0°45	28°55	25°31	W 9
T 10	9 19 14	20°54'51	7♎44	3°12	4°36	22°32	11°39	15°33	3°36	26°35	19°32	29° 7	0°42	29° 1	25°34	T 10
F 11	9 23 11	21°55'36	22° 6	4°56	5°31	23°17	11°51	15°36	3°34	26°34	19°32	29° 8	0°39	29° 8	25°37	F 11
S 12	9 27 7	22°56'19	6♏23	6°40	6°28	24° 3	12° 2	15°39	3°33	26°34	19°32	29°10	0°36	29°15	25°40	S 12
S 13	9 31 4	23°57'02	20°33	8°22	7°25	24°48	12°14	15°42	3°31	26°33	19°33	29°R11	0°33	29°21	25°44	S 13
M14	9 35 1	24°57'44	4♐34	10° 2	8°22	25°34	12°26	15°45	3°30	26°32	19°33	29°10	0°29	29°28	25°47	M14
T 15	9 38 57	25°58'25	18°25	11°39	9°20	26°19	12°38	15°48	3°29	26°32	19°33	29° 9	0°26	29°35	25°50	T 15
W16	9 42 54	26°59'04	2♑ 6	13°14	10°19	27° 5	12°50	15°51	3°28	26°31	19°34	29° 5	0°23	29°41	25°53	W16
T 17	9 46 50	27°59'43	15°35	14°45	11°17	27°50	13° 3	15°55	3°26	26°31	19°34	29° 1	0°20	29°48	25°57	T 17
F 18	9 50 47	29° 0'20	28°51	16°12	12°17	28°36	13°15	15°58	3°25	26°30	19°34	28°55	0°17	29°55	26° 0	F 18
S 19	9 54 43	0♓ 0'56	11♒54	17°35	13°16	29°21	13°27	16° 2	3°24	26°29	19°35	28°50	0°14	0♉ 1	26° 3	S 19
S 20	9 58 40	1° 1'31	24°44	18°52	14°16	0♒ 7	13°40	16° 5	3°23	26°28	19°35	28°46	0°10	0° 8	26° 7	S 20
M21	10 2 36	2° 2'04	7♓19	20° 3	15°17	0°53	13°52	16° 9	3°22	26°28	19°35	28°43	0° 7	0°15	26°10	M21
T 22	10 6 33	3° 2'35	19°41	21° 8	16°18	1°38	14° 5	16°13	3°21	26°27	19°36	28°41	0° 4	0°21	26°14	T 22
W23	10 10 30	4° 3'05	1♈50	22° 4	17°19	2°24	14°18	16°17	3°20	26°26	19°36	28°D41	0° 1	0°28	26°17	W23
T 24	10 14 26	5° 3'33	13°50	22°53	18°21	3°10	14°31	16°21	3°19	26°25	19°37	28°42	29♓58	0°35	26°21	T 24
F 25	10 18 23	6° 3'59	25°42	23°34	19°22	3°56	14°43	16°25	3°18	26°24	19°37	28°43	29°54	0°41	26°24	F 25
S 26	10 22 19	7° 4'23	7♉31	24° 5	20°25	4°42	14°56	16°29	3°18	26°23	19°38	28°45	29°51	0°48	26°28	S 26
S 27	10 26 16	8° 4'46	19°20	24°27	21°27	5°27	15° 9	16°33	3°17	26°22	19°38	28°47	29°48	0°55	26°31	S 27
M28	10 30 12	9♓ 5'07	1♊15	24♓39	22♑30	6♒13	15♈22	16♉38	3♋16	26♎22	19♉39	28♓48	29♓45	1♉ 1	26♓35	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s15	25n48	4n41	17s33	2s 0	18s47	4n37	23s13	0s44	2n52	1s11	14n15	2s15	23n40	0n17	8s41	1n41	2n59	15s10	0s 3	0n28	12n56	1n26	3n41
W 2	16 58	27 52	5 2	16 58	1 57	18 51	4 33	23 9	0 44	2 56	1 11	14 15	2 14	23 40	0 17	8 41	1 41	2 59	15 9	0 5	0 27	13 0	1 27	3 40
T 3	16 40	28 34	5 8	16 21	1 54	18 55	4 30	23 4	0 45	3 0	1 10	14 16	2 14	23 40	0 17	8 41	1 41	2 59	15 9	0 8	0 26	13 3	1 28	3 40
F 4	16 23	27 42	4 59	15 43	1 50	18 59	4 26	22 58	0 46	3 5	1 10	14 17	2 14	23 40	0 17	8 41	1 41	3 0	15 9	0 11	0 24	13 6	1 29	3 40
S 5	16 5	25 14	4 34	15 3	1 45	19 3	4 23	22 53	0 46	3 9	1 10	14 18	2 13	23 40	0 17	8 41	1 41	3 0	15 8	0 14	0 23	13 9	1 30	3 40
S 6	15 46	21 16	3 52	14 23	1 40	19 7	4 19	22 47	0 47	3 14	1 10	14 19	2 13	23 40	0 17	8 41	1 41	3 0	15 8	0 17	0 22	13 12	1 31	3 40
M 7	15 28	16 2	2 56	13 41	1 35	19 10	4 15	22 41	0 47	3 19	1 10	14 20	2 13	23 40	0 17	8 40	1 41	3 1	15 8	0 19	0 21	13 15	1 32	3 39
T 8	15 9	9 52	1 47	12 58	1 29	19 13	4 11	22 35	0 48	3 23	1 9	14 21	2 13	23 40	0 17	8 40	1 42	3 1	15 7	0 20	0 19	13 18	1 33	3 39
W 9	14 50	3 8	0 31	12 14	1 22	19 16	4 7	22 28	0 49	3 28	1 9	14 22	2 12	23 40	0 17	8 40	1 42	3 1	15 7	0 21	0 18	13 21	1 34	3 39
T 10	14 31	3s47	0s47	11 29	1 14	19 19	4 2	22 21	0 49	3 33	1 9	14 23	2 12	23 40	0 17	8 40	1 42	3 2	15 7	0 21	0 17	13 24	1 35	3 39
F 11	14 12	10 29	2 2	10 43	1 5	19 21	3 58	22 14	0 50	3 37	1 9	14 24	2 12	23 40	0 17	8 40	1 42	3 2	15 6	0 21	0 15	13 28	1 36	3 39
S 12	13 52	16 37	3 9	9 56	0 56	19 23	3 54	22 7	0 50	3 42	1 9	14 25	2 11	23 40	0 17	8 39	1 42	3 2	15 6	0 20	0 14	13 31	1 37	3 39
S 13	13 32	21 48	4 4	9 9	0 47	19 24	3 49	21 59	0 51	3 47	1 9	14 26	2 11	23 40	0 17	8 39	1 42	3 3	15 6	0 20	0 13	13 34	1 39	3 38
M14	13 12	25 41	4 44	8 22	0 36	19 26	3 45	21 52	0 52	3 52	1 8	14 27	2 11	23 40	0 17	8 39	1 42	3 3	15 5	0 20	0 12	13 37	1 40	3 38
T 15	12 51	28 1	5 7	7 34	0 25	19 26	3 40	21 44	0 52	3 57	1 8	14 28	2 11	23 40	0 17	8 39	1 42	3 4	15 5	0 20	0 10	13 40	1 41	3 38
W16	12 31	28 36	5 12	6 47	0 13	19 27	3 35	21 36	0 53	4 1	1 8	14 30	2 10	23 40	0 17	8 38	1 42	3 4	15 5	0 22	0 9	13 43	1 42	3 38
T 17	12 10	27 28	4 59	6 0	0 0	19 27	3 31	21 27	0 53	4 6	1 8	14 31	2 10	23 40	0 17	8 38	1 42	3 4	15 4	0 24	0 8	13 46	1 43	3 38
F 18	11 49	24 48	4 31	5 14	0n13	19 27	3 26	21 19	0 54	4 11	1 8	14 32	2 10	23 40	0 17	8 38	1 42	3 5	15 4	0 26	0 7	13 49	1 44	3 38
S 19	11 28	20 52	3 49	4 29	0 27	19 26	3 21	21 10	0 54	4 16	1 8	14 33	2 10	23 40	0 17	8 38	1 42	3 5	15 4	0 28	0 5	13 52	1 46	3 37
S 20	11 6	16 2	2 56	3 46	0 41	19 25	3 16	21 1	0 55	4 21	1 7	14 35	2 9	23 40	0 17	8 37	1 42	3 6	15 3	0 29	0 4	13 55	1 47	3 37
M21	10 45	10 36	1 55	3 5	0 56	19 23	3 11	20 51	0 56	4 26	1 7	14 36	2 9	23 40	0 17	8 37	1 42	3 6	15 3	0 31	0 3	13 58	1 48	3 37
T 22	10 23	4 50	0 49	2 26	1 11	19 21	3 6	20 42	0 56	4 31	1 7	14 37	2 9	23 40	0 17	8 37	1 42	3 6	15 3	0 31	0 2	14 2	1 49	3 37
W23	10 1	1n 0	0n17	1 49	1 26	19 19	3 1	20 32	0 57	4 36	1 7	14 39	2 9	23 40	0 17	8 36	1 42	3 7	15 2	0 31	0 0	14 5	1 51	3 37
T 24	9 39	6 43	1 22	1 16	1 41	19 16	2 56	20 22	0 57	4 41	1 7	14 40	2 8	23 40	0 17	8 36	1 42	3 7	15 2	0 31	0s 1	14 8	1 52	3 37
F 25	9 17	12 9	2 23	0 46	1 57	19 12	2 51	20 12	0 58	4 46	1 7	14 42	2 8	23 40	0 17	8 35	1 42	3 8	15 2	0 30	0 2	14 11	1 53	3 37
S 26	8 55	17 8	3 18	0 20	2 11	19 9	2 46	20 1	0 58	4 51	1 7	14 43	2 8	23 40	0 17	8 35	1 43	3 8	15 1	0 30	0 3	14 14	1 54	3 36
S 27	8 32	21 28	4 4	0n 2	2 26	19 4	2 41	19 51	0 59	4 57	1 6	14 44	2 7	23 40	0 17	8 35	1 43	3 9	15 1	0 29	0 5	14 17	1 56	3 36
M28	8s10	24n58	4n40	0n19	2n39	18s59	2n36	19s40	0s59	5n 2	1s 6	14n46	2s 7	23n41	0n17	8s34	1n43	3n 9	15s 1	0s29	0s 6	14n20	1n57	3n36

Julian Day Number = 2494674.5, Delta T = 102.23 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'25, Lahiri = 25°30'25

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ASTRODIENST EPHEMERIS for the year 2118
geocentric

MARCH 2118 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 9	10♓ 5'26	13♊19	24°R41	23♋33	6♒59	15♈35	16♉42	3°R16	26°R21	19♉39	28°R48	29♓42	1♉ 8	26♓38	T 1
W 2	10 38 5	11° 5'42	25°39	24♓33	24°37	7°45	15°49	16°47	3♋15	26♎19	19°40	28♓47	29°39	1°15	26°42	W 2
T 3	10 42 2	12° 5'57	8♋19	24°16	25°40	8°31	16° 2	16°51	3°15	26°18	19°40	28°46	29°35	1°21	26°45	T 3
F 4	10 45 59	13° 6'10	21°21	23°50	26°44	9°17	16°15	16°56	3°14	26°17	19°41	28°44	29°32	1°28	26°49	F 4
S 5	10 49 55	14° 6'21	4♌48	23°16	27°48	10° 3	16°28	17° 1	3°14	26°16	19°42	28°42	29°29	1°35	26°52	S 5
S 6	10 53 52	15° 6'30	18°40	22°34	28°53	10°49	16°42	17° 6	3°14	26°15	19°42	28°40	29°26	1°41	26°56	S 6
M 7	10 57 48	16° 6'37	2♍55	21°46	29°57	11°35	16°55	17°11	3°13	26°14	19°43	28°38	29°23	1°48	27° 0	M 7
T 8	11 1 45	17° 6'41	17°29	20°53	1♒ 2	12°21	17° 9	17°16	3°13	26°13	19°44	28°38	29°19	1°55	27° 3	T 8
W 9	11 5 41	18° 6'44	2♎16	19°56	2° 7	13° 7	17°22	17°21	3°13	26°12	19°44	28°D37	29°16	2° 1	27° 7	W 9
T 10	11 9 38	19° 6'46	17° 7	18°56	3°13	13°53	17°36	17°26	3°13	26°10	19°45	28°38	29°13	2° 8	27°10	T 10
F 11	11 13 34	20° 6'45	1♏57	17°56	4°18	14°39	17°50	17°31	3°13	26° 9	19°46	28°38	29°10	2°15	27°14	F 11
S 12	11 17 31	21° 6'43	16°37	16°56	5°24	15°25	18° 3	17°37	3°D13	26° 8	19°47	28°39	29° 7	2°21	27°18	S 12
S 13	11 21 28	22° 6'40	1♐ 3	15°57	6°30	16°11	18°17	17°42	3°13	26° 7	19°47	28°40	29° 4	2°28	27°21	S 13
M14	11 25 24	23° 6'34	15°12	15° 2	7°36	16°58	18°31	17°48	3°13	26° 5	19°48	28°40	29° 0	2°35	27°25	M14
T 15	11 29 21	24° 6'28	29° 2	14°10	8°42	17°44	18°45	17°53	3°13	26° 4	19°49	28°R40	28°57	2°41	27°29	T 15
W16	11 33 17	25° 6'19	12♑33	13°23	9°49	18°30	18°58	17°59	3°13	26° 3	19°50	28°40	28°54	2°48	27°32	W16
T 17	11 37 14	26° 6'09	25°46	12°42	10°56	19°16	19°12	18° 4	3°13	26° 1	19°51	28°40	28°51	2°55	27°36	T 17
F 18	11 41 10	27° 5'57	8♒42	12° 6	12° 3	20° 2	19°26	18°10	3°14	26° 0	19°52	28°39	28°48	3° 1	27°40	F 18
S 19	11 45 7	28° 5'44	21°24	11°36	13°10	20°49	19°40	18°16	3°14	25°59	19°52	28°39	28°45	3° 8	27°43	S 19
S 20	11 49 3	29° 5'28	3♓53	11°13	14°17	21°35	19°54	18°22	3°14	25°57	19°53	28°D39	28°41	3°15	27°47	S 20
M21	11 53 0	0♈ 5'11	16°10	10°56	15°24	22°21	20° 8	18°28	3°15	25°56	19°54	28°39	28°38	3°21	27°51	M21
T 22	11 56 57	1° 4'52	28°18	10°45	16°32	23° 7	20°22	18°34	3°15	25°54	19°55	28°R39	28°35	3°28	27°54	T 22
W23	12 0 53	2° 4'30	10♈18	10°D40	17°39	23°54	20°37	18°40	3°16	25°53	19°56	28°39	28°32	3°35	27°58	W23
T 24	12 4 50	3° 4'07	22°12	10°41	18°47	24°40	20°51	18°46	3°17	25°51	19°57	28°39	28°29	3°41	28° 2	T 24
F 25	12 8 46	4° 3'42	4♉ 2	10°48	19°55	25°26	21° 5	18°52	3°17	25°50	19°58	28°38	28°25	3°48	28° 5	F 25
S 26	12 12 43	5° 3'14	15°51	11° 1	21° 3	26°13	21°19	18°59	3°18	25°48	19°59	28°38	28°22	3°55	28° 9	S 26
S 27	12 16 39	6° 2'44	27°41	11°19	22°11	26°59	21°33	19° 5	3°19	25°47	20° 0	28°37	28°19	4° 1	28°13	S 27
M28	12 20 36	7° 2'13	9♊36	11°41	23°19	27°45	21°48	19°11	3°20	25°45	20° 1	28°36	28°16	4° 8	28°16	M28
T 29	12 24 32	8° 1'39	21°40	12° 9	24°28	28°32	22° 2	19°18	3°21	25°44	20° 2	28°35	28°13	4°15	28°20	T 29
W30	12 28 29	9° 1'02	3♋58	12°41	25°36	29°18	22°16	19°24	3°22	25°42	20° 3	28°D34	28°10	4°21	28°23	W30
T 31	12 32 26	10♈ 0'24	16♋32	13♓17	26♒45	0♓ 4	22♈30	19♉31	3♋23	25♎41	20♉ 4	28♓34	28♓ 6	4♉28	28♓27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s47	27n25	5n 5	0n32	2n52	18s54	2n31	19s29	1s 0	5n 7	1s 6	14n47	2s 7	23n41	0n17	8s34	1n43	3n 9	15s 0	0s29	0s 7	14n23	1n58	3n36
W 2	7 24	28 37	5 16	0 39	3 4	18 48	2 25	19 18	1 0	5 12	1 6	14 49	2 7	23 41	0 17	8 34	1 43	3 10	15 0	0 29	0 9	14 26	1 59	3 36
T 3	7 1	28 21	5 12	0 42	3 14	18 42	2 20	19 6	1 1	5 17	1 6	14 50	2 6	23 41	0 17	8 33	1 43	3 10	15 0	0 29	0 10	14 29	2 1	3 36
F 4	6 38	26 32	4 52	0 40	3 23	18 35	2 15	18 55	1 1	5 22	1 6	14 52	2 6	23 41	0 17	8 33	1 43	3 11	14 59	0 30	0 11	14 32	2 2	3 36
S 5	6 15	23 11	4 16	0 33	3 31	18 28	2 10	18 43	1 2	5 28	1 6	14 54	2 6	23 41	0 17	8 32	1 43	3 11	14 59	0 31	0 12	14 35	2 3	3 36
S 6	5 52	18 27	3 24	0 22	3 36	18 20	2 5	18 31	1 2	5 33	1 6	14 55	2 6	23 41	0 17	8 32	1 43	3 12	14 59	0 32	0 14	14 38	2 5	3 36
M 7	5 29	12 34	2 18	0 6	3 39	18 12	2 0	18 19	1 3	5 38	1 5	14 57	2 6	23 41	0 17	8 31	1 43	3 12	14 59	0 32	0 15	14 41	2 6	3 35
T 8	5 5	5 53	1 1	0s14	3 40	18 3	1 54	18 6	1 3	5 43	1 5	14 58	2 5	23 41	0 17	8 31	1 43	3 13	14 58	0 33	0 16	14 44	2 7	3 35
W 9	4 42	1s12	0s20	0 37	3 40	17 54	1 49	17 54	1 4	5 49	1 5	15 0	2 5	23 41	0 17	8 30	1 43	3 13	14 58	0 33	0 17	14 47	2 9	3 35
T 10	4 18	8 16	1 41	1 3	3 37	17 44	1 44	17 41	1 4	5 54	1 5	15 2	2 5	23 41	0 17	8 30	1 43	3 14	14 58	0 33	0 19	14 50	2 10	3 35
F 11	3 55	14 52	2 55	1 31	3 32	17 34	1 39	17 28	1 5	5 59	1 5	15 3	2 5	23 41	0 17	8 29	1 43	3 14	14 57	0 32	0 20	14 53	2 11	3 35
S 12	3 31	20 34	3 56	2 1	3 25	17 23	1 34	17 15	1 5	6 5	1 5	15 5	2 4	23 41	0 17	8 29	1 43	3 15	14 57	0 32	0 21	14 56	2 13	3 35
S 13	3 8	24 57	4 41	2 32	3 16	17 12	1 29	17 1	1 6	6 10	1 5	15 7	2 4	23 41	0 17	8 28	1 43	3 15	14 57	0 32	0 22	14 59	2 14	3 35
M14	2 44	27 43	5 9	3 2	3 6	17 1	1 24	16 48	1 6	6 15	1 5	15 9	2 4	23 41	0 17	8 28	1 43	3 15	14 56	0 32	0 24	15 2	2 16	3 35
T 15	2 20	28 43	5 17	3 33	2 54	16 48	1 19	16 34	1 7	6 21	1 5	15 10	2 4	23 41	0 17	8 27	1 43	3 16	14 56	0 32	0 25	15 5	2 17	3 35
W16	1 57	27 57	5 8	4 2	2 42	16 36	1 14	16 21	1 7	6 26	1 5	15 12	2 3	23 40	0 17	8 27	1 43	3 16	14 56	0 32	0 26	15 8	2 18	3 35
T 17	1 33	25 37	4 43	4 31	2 28	16 23	1 9	16 7	1 8	6 31	1 4	15 14	2 3	23 40	0 17	8 26	1 43	3 17	14 56	0 32	0 27	15 11	2 20	3 35
F 18	1 9	21 59	4 3	4 57	2 14	16 9	1 4	15 52	1 8	6 37	1 4	15 16	2 3	23 40	0 17	8 26	1 43	3 17	14 55	0 32	0 29	15 14	2 21	3 35
S 19	0 45	17 24	3 13	5 22	1 59	15 55	0 59	15 38	1 9	6 42	1 4	15 17	2 3	23 40	0 17	8 25	1 43	3 18	14 55	0 32	0 30	15 17	2 23	3 35
S 20	0 22	12 9	2 13	5 45	1 44	15 40	0 54	15 24	1 9	6 47	1 4	15 19	2 3	23 40	0 17	8 25	1 43	3 18	14 55	0 32	0 31	15 20	2 24	3 34
M21	0n 2	6 31	1 9	6 5	1 29	15 25	0 49	15 9	1 10	6 53	1 4	15 21	2 2	23 40	0 17	8 24	1 43	3 19	14 55	0 32	0 33	15 23	2 25	3 34
T 22	0 26	0 42	0 2	6 23	1 14	15 10	0 45	14 54	1 10	6 58	1 4	15 23	2 2	23 40	0 17	8 24	1 43	3 19	14 54	0 32	0 34	15 26	2 27	3 34
W23	0 49	5n 4	1n 4	6 39	0 59	14 54	0 40	14 39	1 10	7 3	1 4	15 25	2 2	23 40	0 17	8 23	1 44	3 20	14 54	0 32	0 35	15 29	2 28	3 34
T 24	1 13	10 36	2 7	6 52	0 45	14 38	0 35	14 24	1 11	7 9	1 4	15 27	2 2	23 40	0 17	8 23	1 44	3 20	14 54	0 32	0 36	15 32	2 30	3 34
F 25	1 37	15 44	3 4	7 2	0 31	14 21	0 31	14 9	1 11	7 14	1 4	15 29	2 2	23 40	0 17	8 22	1 44	3 21	14 54	0 32	0 38	15 35	2 31	3 34
S 26	2 0	20 17	3 53	7 11	0 17	14 4	0 26	13 54	1 12	7 20	1 4	15 30	2 1	23 40	0 17	8 21	1 44	3 21	14 53	0 33	0 39	15 38	2 32	3 34
S 27	2 24	24 3	4 32	7 16	0 3	13 46	0 21	13 38	1 12	7 25	1 4	15 32	2 1	23 40	0 17	8 21	1 44	3 22	14 53	0 33	0 40	15 41	2 34	3 34
M28	2 48	26 49	5 0	7 20	0s10	13 28	0 17	13 23	1 13	7 30	1 4	15 34	2 1	23 40	0 17	8 20	1 44	3 22	14 53	0 34	0 41	15 44	2 35	3 34
T 29	3 11	28 24	5 15	7 21	0 23	13 10	0 13	13 7	1 13	7 36	1 3	15 36	2 1	23 40	0 17	8 20	1 44	3 23	14 53	0 34	0 43	15 47	2 37	3 34
W30	3 34	28 37	5 16	7 20	0 35	12 51	0 8	12 51	1 13	7 41	1 3	15 38	2 1	23 40	0 17	8 19	1 44	3 23	14 52	0 34	0 44	15 50	2 38	3 34
T 31	3n58	27n23	5n 2	7s17	0s46	12s32	0n 4	12s35	1s14	7n46	1s 3	15n40	2s 1	23n40	0n17	8s19	1n44	3n24	14s52	0s34	0s45	15n53	2n39	3n34

Julian Day Number = 2494702.5, Delta T = 102.27 sec
Ecliptic obliquity = 23°25'36, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'29, Lahiri = 25°30'29

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ASTRODIENST EPHEMERIS for the year 2118
geocentric

APRIL 2118 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 36 22	10♈59'43	29♋28	13♓57	27♒53	0♓51	22♈45	19♉38	3♋24	25°R39	20♉ 5	28♓35	28♓ 3	4♉35	28♓31	F 1
S 2	12 40 19	11°58'59	12♌49	14°41	29° 2	1°37	22°59	19°44	3°25	25♎37	20° 6	28°36	28° 0	4°41	28°34	S 2
S 3	12 44 15	12°58'14	26°37	15°28	0♓11	2°23	23°13	19°51	3°26	25°36	20° 8	28°37	27°57	4°48	28°38	S 3
M 4	12 48 12	13°57'26	10♍51	16°19	1°20	3°10	23°28	19°58	3°27	25°34	20° 9	28°38	27°54	4°55	28°41	M 4
T 5	12 52 8	14°56'35	25°29	17°13	2°29	3°56	23°42	20° 4	3°28	25°33	20°10	28°R39	27°51	5° 1	28°45	T 5
W 6	12 56 5	15°55'43	10♎27	18°10	3°38	4°42	23°57	20°11	3°30	25°31	20°11	28°38	27°47	5° 8	28°48	W 6
T 7	13 0 1	16°54'48	25°36	19°10	4°47	5°29	24°11	20°18	3°31	25°29	20°12	28°37	27°44	5°15	28°52	T 7
F 8	13 3 58	17°53'52	10♏47	20°12	5°57	6°15	24°25	20°25	3°32	25°28	20°13	28°35	27°41	5°21	28°55	F 8
S 9	13 7 54	18°52'54	25°50	21°17	7° 6	7° 1	24°40	20°32	3°34	25°26	20°14	28°33	27°38	5°28	28°59	S 9
S 10	13 11 51	19°51'54	10♐37	22°25	8°16	7°48	24°54	20°39	3°35	25°25	20°16	28°30	27°35	5°35	29° 2	S 10
M11	13 15 48	20°50'52	25° 1	23°34	9°25	8°34	25° 9	20°46	3°37	25°23	20°17	28°28	27°31	5°41	29° 6	M11
T 12	13 19 44	21°49'49	9♑ 0	24°47	10°35	9°21	25°23	20°53	3°38	25°21	20°18	28°26	27°28	5°48	29° 9	T 12
W13	13 23 41	22°48'44	22°33	26° 1	11°45	10° 7	25°38	21° 0	3°40	25°20	20°19	28°D25	27°25	5°55	29°13	W13
T 14	13 27 37	23°47'37	5♒42	27°17	12°55	10°53	25°52	21° 7	3°42	25°18	20°20	28°26	27°22	6° 2	29°16	T 14
F 15	13 31 34	24°46'28	18°29	28°36	14° 4	11°40	26° 7	21°15	3°43	25°16	20°22	28°27	27°19	6° 8	29°20	F 15
S 16	13 35 30	25°45'18	0♓59	29°56	15°14	12°26	26°21	21°22	3°45	25°15	20°23	28°29	27°16	6°15	29°23	S 16
S 17	13 39 27	26°44'06	13°14	1♈19	16°25	13°12	26°36	21°29	3°47	25°13	20°24	28°30	27°12	6°22	29°26	S 17
M18	13 43 23	27°42'52	25°18	2°43	17°35	13°59	26°50	21°36	3°49	25°11	20°25	28°R31	27° 9	6°28	29°30	M18
T 19	13 47 20	28°41'36	7♈15	4° 9	18°45	14°45	27° 4	21°44	3°51	25°10	20°27	28°31	27° 6	6°35	29°33	T 19
W20	13 51 17	29°40'18	19° 7	5°37	19°55	15°31	27°19	21°51	3°53	25° 8	20°28	28°29	27° 3	6°42	29°36	W20
T 21	13 55 13	0♉38'58	0♉56	7° 6	21° 5	16°18	27°33	21°59	3°55	25° 6	20°29	28°26	27° 0	6°48	29°39	T 21
F 22	13 59 10	1°37'37	12°46	8°38	22°16	17° 4	27°48	22° 6	3°57	25° 5	20°31	28°21	26°56	6°55	29°43	F 22
S 23	14 3 6	2°36'14	24°36	10°11	23°26	17°50	28° 2	22°13	3°59	25° 3	20°32	28°15	26°53	7° 2	29°46	S 23
S 24	14 7 3	3°34'48	6♊30	11°46	24°37	18°36	28°17	22°21	4° 1	25° 2	20°33	28° 8	26°50	7° 8	29°49	S 24
M25	14 10 59	4°33'21	18°29	13°22	25°47	19°23	28°31	22°28	4° 3	25° 0	20°34	28° 2	26°47	7°15	29°52	M25
T 26	14 14 56	5°31'51	0♋37	15° 1	26°58	20° 9	28°46	22°36	4° 6	24°58	20°36	27°56	26°44	7°22	29°55	T 26
W27	14 18 52	6°30'20	12°56	16°41	28° 8	20°55	29° 0	22°43	4° 8	24°57	20°37	27°52	26°41	7°28	29°58	W27
T 28	14 22 49	7°28'46	25°29	18°23	29°19	21°41	29°14	22°51	4°10	24°55	20°38	27°50	26°37	7°35	0♈ 2	T 28
F 29	14 26 46	8°27'11	8♌20	20° 6	0♈30	22°27	29°29	22°59	4°12	24°54	20°40	27°D49	26°34	7°42	0° 5	F 29
S 30	14 30 42	9♉25'33	21♌33	21♈51	1♈40	23♓14	29♈43	23♉ 6	4♋15	24♎52	20♉41	27♓50	26♓31	7♉48	0♈ 8	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n21	24n41	4n32	7s11	0s57	12s12	0s 0	12s19	1s14	7n52	1s 3	15n42	2s 0	23n40	0n17	8s18	1n44	3n24	14s52	0s34	0s46	15n56	2n41	3n34
S 2	4 44	20 35	3 47	7 4	1 7	11 52	0 4	12 3	1 14	7 57	1 3	15 44	2 0	23 40	0 17	8 17	1 44	3 25	14 52	0 33	0 48	15 59	2 42	3 34
S 3	5 7	15 16	2 48	6 55	1 17	11 32	0 9	11 47	1 15	8 2	1 3	15 46	2 0	23 40	0 17	8 17	1 44	3 25	14 52	0 33	0 49	16 2	2 44	3 34
M 4	5 30	8 59	1 37	6 43	1 26	11 12	0 13	11 31	1 15	8 8	1 3	15 48	2 0	23 40	0 17	8 16	1 44	3 26	14 51	0 33	0 50	16 4	2 45	3 34
T 5	5 53	2 3	0 17	6 30	1 35	10 51	0 17	11 14	1 16	8 13	1 3	15 50	2 0	23 40	0 17	8 16	1 44	3 26	14 51	0 32	0 51	16 7	2 46	3 34
W 6	6 16	5s 8	1s 5	6 16	1 43	10 29	0 20	10 57	1 16	8 18	1 3	15 52	2 0	23 40	0 17	8 15	1 44	3 26	14 51	0 32	0 53	16 10	2 48	3 34
T 7	6 39	12 7	2 24	5 59	1 51	10 8	0 24	10 41	1 16	8 24	1 3	15 54	1 59	23 40	0 17	8 14	1 44	3 27	14 51	0 33	0 54	16 13	2 49	3 34
F 8	7 1	18 24	3 32	5 41	1 58	9 46	0 28	10 24	1 17	8 29	1 3	15 56	1 59	23 40	0 17	8 14	1 44	3 27	14 51	0 34	0 55	16 16	2 51	3 34
S 9	7 24	23 30	4 25	5 21	2 4	9 23	0 32	10 7	1 17	8 34	1 3	15 58	1 59	23 40	0 17	8 13	1 44	3 28	14 50	0 35	0 57	16 19	2 52	3 34
S 10	7 46	26 58	5 0	5 0	2 10	9 1	0 35	9 50	1 17	8 40	1 3	16 0	1 59	23 40	0 17	8 13	1 44	3 28	14 50	0 36	0 58	16 22	2 53	3 34
M11	8 8	28 34	5 14	4 37	2 16	8 38	0 39	9 33	1 17	8 45	1 3	16 2	1 59	23 40	0 17	8 12	1 44	3 29	14 50	0 37	0 59	16 25	2 55	3 34
T 12	8 30	28 16	5 10	4 13	2 20	8 15	0 42	9 16	1 18	8 50	1 3	16 3	1 59	23 40	0 17	8 11	1 44	3 29	14 50	0 37	1 0	16 28	2 56	3 34
W13	8 52	26 16	4 48	3 48	2 25	7 51	0 46	8 59	1 18	8 56	1 3	16 5	1 59	23 40	0 17	8 11	1 44	3 30	14 50	0 38	1 2	16 31	2 58	3 34
T 14	9 14	22 53	4 11	3 21	2 28	7 28	0 49	8 41	1 18	9 1	1 3	16 7	1 58	23 40	0 17	8 10	1 44	3 30	14 50	0 37	1 3	16 34	2 59	3 34
F 15	9 35	18 29	3 23	2 52	2 31	7 4	0 52	8 24	1 19	9 6	1 3	16 9	1 58	23 40	0 17	8 10	1 44	3 31	14 49	0 37	1 4	16 36	3 0	3 34
S 16	9 57	13 23	2 26	2 23	2 34	6 40	0 55	8 6	1 19	9 11	1 3	16 11	1 58	23 39	0 17	8 9	1 44	3 31	14 49	0 36	1 5	16 39	3 2	3 34
S 17	10 18	7 52	1 23	1 52	2 36	6 15	0 58	7 49	1 19	9 17	1 3	16 13	1 58	23 39	0 17	8 8	1 44	3 32	14 49	0 36	1 7	16 42	3 3	3 34
M18	10 39	2 8	0 18	1 20	2 38	5 51	1 1	7 31	1 19	9 22	1 3	16 15	1 58	23 39	0 17	8 8	1 44	3 32	14 49	0 35	1 8	16 45	3 4	3 34
T 19	11 0	3n36	0n48	0 47	2 39	5 26	1 4	7 14	1 20	9 27	1 3	16 17	1 58	23 39	0 17	8 7	1 44	3 32	14 49	0 35	1 9	16 48	3 6	3 34
W20	11 21	9 11	1 50	0 12	2 39	5 1	1 7	6 56	1 20	9 32	1 3	16 19	1 58	23 39	0 17	8 7	1 44	3 33	14 49	0 36	1 10	16 51	3 7	3 34
T 21	11 42	14 25	2 48	0n23	2 39	4 36	1 10	6 38	1 20	9 38	1 2	16 21	1 58	23 39	0 17	8 6	1 44	3 33	14 49	0 37	1 12	16 54	3 8	3 34
F 22	12 2	19 7	3 38	1 0	2 38	4 11	1 12	6 20	1 20	9 43	1 2	16 23	1 57	23 39	0 17	8 5	1 44	3 34	14 48	0 39	1 13	16 56	3 10	3 34
S 23	12 22	23 6	4 19	1 37	2 37	3 45	1 15	6 3	1 21	9 48	1 2	16 25	1 57	23 39	0 17	8 5	1 44	3 34	14 48	0 42	1 14	16 59	3 11	3 34
S 24	12 42	26 7	4 49	2 16	2 36	3 19	1 17	5 45	1 21	9 53	1 2	16 27	1 57	23 39	0 17	8 4	1 44	3 35	14 48	0 44	1 15	17 2	3 12	3 34
M25	13 2	28 1	5 6	2 55	2 33	2 54	1 20	5 27	1 21	9 58	1 2	16 29	1 57	23 39	0 17	8 4	1 44	3 35	14 48	0 47	1 17	17 5	3 14	3 34
T 26	13 22	28 36	5 10	3 36	2 31	2 28	1 22	5 9	1 21	10 3	1 2	16 31	1 57	23 39	0 17	8 3	1 44	3 35	14 48	0 49	1 18	17 8	3 15	3 34
W27	13 41	27 46	5 0	4 17	2 27	2 2	1 24	4 51	1 21	10 8	1 2	16 33	1 57	23 39	0 17	8 2	1 44	3 36	14 48	0 51	1 19	17 11	3 16	3 34
T 28	14 0	25 32	4 35	4 59	2 24	1 36	1 26	4 33	1 22	10 13	1 2	16 35	1 57	23 39	0 17	8 2	1 44	3 36	14 48	0 52	1 20	17 14	3 17	3 35
F 29	14 19	21 58	3 56	5 42	2 19	1 9	1 28	4 15	1 22	10 19	1 2	16 37	1 57	23 39	0 17	8 1	1 44	3 37	14 48	0 52	1 22	17 16	3 19	3 35
S 30	14n37	17n13	3n 4	6n26	2s15	0s43	1s30	3s56	1s22	10n24	1s 2	16n39	1s57	23n38	0n17	8s 1	1n44	3n37	14s48	0s52	1s23	17n19	3n20	3n35

Julian Day Number = 2494733.5, Delta T = 102.31 sec
Ecliptic obliquity = 23°25'36, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'33, Lahiri = 25°30'33

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ASTRODIENST EPHEMERIS for the year 2118
geocentric

MAY 2118 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 39	10♉23'52	5♍11	23♈38	2♈51	24♓ 0	29♈57	23♉14	4♋17	24°R50	20♉42	27♓51	26♓28	7♉55	0♈11	S 1
M 2	14 38 35	11°22'10	19°15	25°27	4° 2	24°46	0♉12	23°21	4°20	24♎49	20°44	27°52	26°25	8° 2	0°14	M 2
T 3	14 42 32	12°20'26	3♎44	27°17	5°13	25°32	0°26	23°29	4°22	24°47	20°45	27°R52	26°22	8° 8	0°16	T 3
W 4	14 46 28	13°18'40	18°37	29°10	6°24	26°18	0°40	23°37	4°25	24°46	20°46	27°51	26°18	8°15	0°19	W 4
T 5	14 50 25	14°16'52	3♏47	1♉ 4	7°35	27° 4	0°54	23°44	4°27	24°44	20°48	27°47	26°15	8°22	0°22	T 5
F 6	14 54 21	15°15'02	19° 3	2°59	8°46	27°50	1° 9	23°52	4°30	24°43	20°49	27°41	26°12	8°28	0°25	F 6
S 7	14 58 18	16°13'10	4♐17	4°57	9°57	28°36	1°23	24° 0	4°32	24°41	20°50	27°34	26° 9	8°35	0°28	S 7
S 8	15 2 15	17°11'17	19°17	6°56	11° 8	29°22	1°37	24° 7	4°35	24°40	20°52	27°27	26° 6	8°42	0°31	S 8
M 9	15 6 11	18° 9'23	3♑55	8°57	12°19	0♈ 8	1°51	24°15	4°38	24°38	20°53	27°20	26° 2	8°48	0°33	M 9
T 10	15 10 8	19° 7'27	18° 6	10°59	13°30	0°54	2° 5	24°23	4°41	24°37	20°55	27°14	25°59	8°55	0°36	T 10
W11	15 14 4	20° 5'29	1♒47	13° 3	14°42	1°40	2°19	24°31	4°43	24°35	20°56	27°11	25°56	9° 2	0°39	W11
T 12	15 18 1	21° 3'31	14°59	15° 9	15°53	2°26	2°33	24°38	4°46	24°34	20°57	27° 9	25°53	9° 9	0°41	T 12
F 13	15 21 57	22° 1'31	27°46	17°16	17° 4	3°12	2°48	24°46	4°49	24°32	20°59	27°D 9	25°50	9°15	0°44	F 13
S 14	15 25 54	22°59'29	10♓12	19°24	18°15	3°58	3° 2	24°54	4°52	24°31	21° 0	27°10	25°47	9°22	0°46	S 14
S 15	15 29 51	23°57'26	22°22	21°33	19°27	4°44	3°16	25° 2	4°55	24°30	21° 1	27°R11	25°43	9°29	0°49	S 15
M16	15 33 47	24°55'22	4♈20	23°43	20°38	5°29	3°29	25° 9	4°58	24°28	21° 3	27°11	25°40	9°35	0°51	M16
T 17	15 37 44	25°53'17	16°11	25°53	21°50	6°15	3°43	25°17	5° 1	24°27	21° 4	27° 9	25°37	9°42	0°54	T 17
W18	15 41 40	26°51'10	27°59	28° 5	23° 1	7° 1	3°57	25°25	5° 4	24°26	21° 5	27° 4	25°34	9°49	0°56	W18
T 19	15 45 37	27°49'02	9♉48	0♊16	24°13	7°47	4°11	25°33	5° 7	24°24	21° 7	26°57	25°31	9°55	0°58	T 19
F 20	15 49 33	28°46'53	21°38	2°27	25°24	8°32	4°25	25°40	5°10	24°23	21° 8	26°48	25°28	10° 2	1° 1	F 20
S 21	15 53 30	29°44'42	3♊33	4°38	26°36	9°18	4°39	25°48	5°13	24°22	21° 9	26°37	25°24	10° 9	1° 3	S 21
S 22	15 57 26	0♊42'30	15°35	6°48	27°47	10° 3	4°52	25°56	5°16	24°20	21°11	26°25	25°21	10°15	1° 5	S 22
M23	16 1 23	1°40'17	27°43	8°57	28°59	10°49	5° 6	26° 4	5°19	24°19	21°12	26°14	25°18	10°22	1° 7	M23
T 24	16 5 20	2°38'02	9♋59	11° 5	0♉11	11°34	5°20	26°11	5°22	24°18	21°13	26° 3	25°15	10°29	1° 9	T 24
W25	16 9 16	3°35'45	22°26	13°11	1°22	12°20	5°33	26°19	5°25	24°17	21°15	25°54	25°12	10°35	1°12	W25
T 26	16 13 13	4°33'27	5♌ 5	15°16	2°34	13° 5	5°47	26°27	5°29	24°16	21°16	25°48	25° 8	10°42	1°14	T 26
F 27	16 17 9	5°31'08	17°59	17°19	3°46	13°51	6° 0	26°34	5°32	24°14	21°17	25°45	25° 5	10°49	1°16	F 27
S 28	16 21 6	6°28'47	1♍ 9	19°20	4°57	14°36	6°14	26°42	5°35	24°13	21°19	25°D44	25° 2	10°55	1°18	S 28
S 29	16 25 2	7°26'24	14°40	21°18	6° 9	15°21	6°27	26°50	5°38	24°12	21°20	25°44	24°59	11° 2	1°19	S 29
M30	16 28 59	8°24'00	28°33	23°14	7°21	16° 7	6°40	26°57	5°42	24°11	21°21	25°R44	24°56	11° 9	1°21	M30
T 31	16 32 55	9♊21'34	12♎49	25♊ 8	8♉33	16♈52	6♉53	27♉ 5	5♋45	24♎10	21♉23	25♓43	24♓53	11♉16	1♈23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n56	11n28	2n 0	7n10	2s 9	0s16	1s32	3s38	1s22	10n29	1s 2	16n41	1s57	23n38	0n17	8s 0	1n44	3n38	14s47	0s51	1s24	17n22	3n21	3n35
M 2	15 14	4 58	0 47	7 55	2 4	0n10	1 34	3 20	1 22	10 34	1 2	16 43	1 56	23 38	0 17	8 0	1 44	3 38	14 47	0 51	1 26	17 25	3 22	3 35
T 3	15 32	1s58	0s32	8 41	1 57	0 37	1 36	3 2	1 22	10 39	1 2	16 45	1 56	23 38	0 17	7 59	1 44	3 38	14 47	0 51	1 27	17 28	3 24	3 35
W 4	15 50	8 59	1 50	9 27	1 50	1 3	1 37	2 44	1 22	10 44	1 2	16 47	1 56	23 38	0 17	7 59	1 44	3 39	14 47	0 51	1 28	17 30	3 25	3 35
T 5	16 7	15 37	3 2	10 13	1 43	1 30	1 39	2 26	1 23	10 49	1 2	16 49	1 56	23 38	0 17	7 58	1 44	3 39	14 47	0 53	1 29	17 33	3 26	3 35
F 6	16 24	21 20	4 1	11 0	1 36	1 56	1 40	2 7	1 23	10 53	1 2	16 51	1 56	23 38	0 17	7 57	1 44	3 39	14 47	0 55	1 31	17 36	3 27	3 35
S 7	16 41	25 37	4 43	11 47	1 27	2 23	1 41	1 49	1 23	10 58	1 2	16 53	1 56	23 38	0 17	7 57	1 44	3 40	14 47	0 58	1 32	17 39	3 28	3 35
S 8	16 57	28 3	5 4	12 35	1 19	2 50	1 43	1 31	1 23	11 3	1 2	16 55	1 56	23 38	0 17	7 56	1 44	3 40	14 47	1 1	1 33	17 42	3 30	3 35
M 9	17 14	28 27	5 5	13 22	1 10	3 16	1 44	1 13	1 23	11 8	1 2	16 57	1 56	23 38	0 17	7 56	1 44	3 41	14 47	1 4	1 34	17 44	3 31	3 35
T 10	17 30	26 57	4 47	14 9	1 1	3 43	1 45	0 55	1 23	11 13	1 2	16 59	1 56	23 38	0 17	7 55	1 44	3 41	14 47	1 6	1 36	17 47	3 32	3 35
W11	17 45	23 52	4 13	14 56	0 51	4 10	1 46	0 36	1 23	11 18	1 2	17 1	1 56	23 37	0 17	7 55	1 44	3 41	14 47	1 7	1 37	17 50	3 33	3 35
T 12	18 1	19 37	3 27	15 43	0 41	4 36	1 47	0 18	1 23	11 23	1 2	17 3	1 56	23 37	0 17	7 54	1 44	3 42	14 47	1 8	1 38	17 53	3 34	3 36
F 13	18 16	14 36	2 31	16 29	0 31	5 3	1 47	0 0	1 23	11 27	1 2	17 5	1 56	23 37	0 17	7 54	1 44	3 42	14 47	1 8	1 39	17 55	3 35	3 36
S 14	18 31	9 8	1 30	17 14	0 21	5 29	1 48	0n18	1 23	11 32	1 3	17 7	1 56	23 37	0 17	7 53	1 44	3 42	14 47	1 8	1 41	17 58	3 36	3 36
S 15	18 45	3 26	0 26	17 58	0 10	5 56	1 49	0 36	1 23	11 37	1 3	17 9	1 56	23 37	0 17	7 53	1 44	3 43	14 47	1 7	1 42	18 1	3 37	3 36
M16	18 59	2n18	0n38	18 42	0n 0	6 22	1 49	0 54	1 23	11 42	1 3	17 10	1 56	23 37	0 17	7 52	1 44	3 43	14 47	1 7	1 43	18 4	3 38	3 36
T 17	19 13	7 54	1 40	19 24	0 11	6 48	1 50	1 12	1 23	11 46	1 3	17 12	1 55	23 37	0 17	7 52	1 44	3 43	14 47	1 8	1 44	18 7	3 39	3 36
W18	19 27	13 12	2 37	20 4	0 21	7 14	1 50	1 30	1 23	11 51	1 3	17 14	1 55	23 37	0 17	7 51	1 44	3 44	14 47	1 10	1 46	18 9	3 41	3 36
T 19	19 40	18 1	3 27	20 43	0 32	7 41	1 50	1 48	1 23	11 55	1 3	17 16	1 55	23 37	0 17	7 51	1 43	3 44	14 47	1 13	1 47	18 12	3 42	3 36
F 20	19 53	22 9	4 8	21 19	0 42	8 6	1 50	2 6	1 23	12 0	1 3	17 18	1 55	23 36	0 17	7 50	1 43	3 44	14 47	1 16	1 48	18 15	3 43	3 36
S 21	20 5	25 25	4 39	21 54	0 52	8 32	1 50	2 24	1 23	12 5	1 3	17 20	1 55	23 36	0 17	7 50	1 43	3 45	14 47	1 21	1 49	18 17	3 44	3 36
S 22	20 17	27 34	4 57	22 26	1 1	8 58	1 50	2 42	1 23	12 9	1 3	17 22	1 55	23 36	0 17	7 50	1 43	3 45	14 47	1 25	1 51	18 20	3 45	3 36
M23	20 29	28 27	5 2	22 56	1 10	9 23	1 50	3 0	1 23	12 14	1 3	17 23	1 55	23 36	0 17	7 49	1 43	3 45	14 47	1 30	1 52	18 23	3 45	3 37
T 24	20 41	27 56	4 54	23 24	1 19	9 48	1 50	3 18	1 23	12 18	1 3	17 25	1 55	23 36	0 17	7 49	1 43	3 46	14 47	1 34	1 53	18 26	3 46	3 37
W25	20 52	26 1	4 31	23 48	1 27	10 13	1 50	3 36	1 23	12 23	1 3	17 27	1 55	23 36	0 17	7 48	1 43	3 46	14 47	1 38	1 55	18 28	3 47	3 37
T 26	21 2	22 47	3 55	24 11	1 34	10 38	1 50	3 54	1 23	12 27	1 3	17 29	1 55	23 36	0 17	7 48	1 43	3 46	14 47	1 40	1 56	18 31	3 48	3 37
F 27	21 13	18 23	3 6	24 30	1 41	11 3	1 49	4 11	1 23	12 31	1 3	17 31	1 55	23 36	0 17	7 48	1 43	3 46	14 47	1 41	1 57	18 34	3 49	3 37
S 28	21 23	13 2	2 7	24 47	1 47	11 27	1 49	4 29	1 23	12 36	1 3	17 32	1 55	23 35	0 17	7 47	1 43	3 47	14 47	1 42	1 58	18 36	3 50	3 37
S 29	21 32	6 56	0 58	25 1	1 53	11 52	1 48	4 46	1 23	12 40	1 3	17 34	1 55	23 35	0 17	7 47	1 43	3 47	14 47	1 42	2 0	18 39	3 51	3 37
M30	21 42	0 21	0s15	25 12	1 57	12 16	1 48	5 4	1 22	12 44	1 3	17 36	1 55	23 35	0 17	7 46	1 43	3 47	14 47	1 42	2 1	18 42	3 52	3 37
T 31	21n51	6s26	1s29	25n21	2n 1	12n39	1s47	5n21	1s22	12n49	1s 3	17n38	1s55	23n35	0n17	7s46	1n43	3n47	14s47	1s42	2s 2	18n45	3n53	3n37

Julian Day Number = 2494763.5, Delta T = 102.36 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'37, Lahiri = 25°30'37

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ASTRODIENST EPHEMERIS for the year 2118
geocentric

JUNE 2118 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 36 52	10♊19'07	27♎27	26♊59	9♉44	17♈37	7♉ 7	27♉13	5♋48	24°R 9	21♉24	25°R40	24♓49	11♉22	1♈25	W 1
T 2	16 40 49	11°16'39	12♏23	28°48	10°56	18°22	7°20	27°20	5°51	24♎ 8	21°25	25♓34	24°46	11°29	1°27	T 2
F 3	16 44 45	12°14'09	27°29	0♋33	12° 8	19° 7	7°33	27°28	5°55	24° 7	21°27	25°26	24°43	11°36	1°28	F 3
S 4	16 48 42	13°11'39	12♐36	2°16	13°20	19°52	7°46	27°35	5°58	24° 6	21°28	25°16	24°40	11°42	1°30	S 4
S 5	16 52 38	14° 9'07	27°35	3°56	14°32	20°37	7°59	27°43	6° 2	24° 5	21°29	25° 6	24°37	11°49	1°32	S 5
M 6	16 56 35	15° 6'35	12♑15	5°34	15°44	21°22	8°12	27°51	6° 5	24° 4	21°30	24°55	24°34	11°56	1°33	M 6
T 7	17 0 31	16° 4'01	26°30	7° 8	16°56	22° 7	8°25	27°58	6° 8	24° 3	21°32	24°47	24°30	12° 2	1°35	T 7
W 8	17 4 28	17° 1'27	10♒16	8°40	18° 8	22°52	8°38	28° 6	6°12	24° 2	21°33	24°40	24°27	12° 9	1°36	W 8
T 9	17 8 24	17°58'52	23°33	10° 8	19°20	23°36	8°50	28°13	6°15	24° 2	21°34	24°36	24°24	12°16	1°37	T 9
F 10	17 12 21	18°56'17	6♓24	11°34	20°32	24°21	9° 3	28°20	6°19	24° 1	21°35	24°35	24°21	12°22	1°39	F 10
S 11	17 16 18	19°53'40	18°51	12°57	21°44	25° 6	9°16	28°28	6°22	24° 0	21°37	24°34	24°18	12°29	1°40	S 11
S 12	17 20 14	20°51'04	1♈ 1	14°16	22°56	25°50	9°28	28°35	6°26	23°59	21°38	24°34	24°14	12°36	1°41	S 12
M13	17 24 11	21°48'26	12°59	15°33	24° 8	26°35	9°41	28°43	6°29	23°59	21°39	24°33	24°11	12°42	1°42	M13
T 14	17 28 7	22°45'48	24°50	16°47	25°21	27°20	9°53	28°50	6°33	23°58	21°40	24°31	24° 8	12°49	1°44	T 14
W15	17 32 4	23°43'10	6♉38	17°57	26°33	28° 4	10° 5	28°57	6°36	23°57	21°41	24°26	24° 5	12°56	1°45	W15
T 16	17 36 0	24°40'31	18°28	19° 4	27°45	28°48	10°17	29° 5	6°40	23°57	21°43	24°18	24° 2	13° 3	1°46	T 16
F 17	17 39 57	25°37'52	0♊23	20° 8	28°57	29°33	10°30	29°12	6°43	23°56	21°44	24° 7	23°59	13° 9	1°47	F 17
S 18	17 43 53	26°35'12	12°25	21° 9	0♊10	0♉17	10°42	29°19	6°47	23°56	21°45	23°55	23°55	13°16	1°48	S 18
S 19	17 47 50	27°32'32	24°36	22° 6	1°22	1° 1	10°54	29°26	6°51	23°55	21°46	23°41	23°52	13°23	1°49	S 19
M20	17 51 47	28°29'51	6♋57	23° 0	2°34	1°45	11° 6	29°33	6°54	23°54	21°47	23°28	23°49	13°29	1°49	M20
T 21	17 55 43	29°27'10	19°28	23°50	3°46	2°29	11°18	29°40	6°58	23°54	21°48	23°16	23°46	13°36	1°50	T 21
W22	17 59 40	0♋24'27	2♌ 9	24°36	4°59	3°13	11°29	29°47	7° 1	23°54	21°49	23° 6	23°43	13°43	1°51	W22
T 23	18 3 36	1°21'45	15° 2	25°19	6°11	3°57	11°41	29°55	7° 5	23°53	21°50	22°59	23°40	13°49	1°52	T 23
F 24	18 7 33	2°19'01	28° 7	25°57	7°24	4°41	11°53	0♊ 2	7° 9	23°53	21°52	22°55	23°36	13°56	1°52	F 24
S 25	18 11 29	3°16'17	11♍25	26°32	8°36	5°25	12° 4	0° 8	7°12	23°52	21°53	22°53	23°33	14° 3	1°53	S 25
S 26	18 15 26	4°13'32	24°58	27° 2	9°49	6° 9	12°15	0°15	7°16	23°52	21°54	22°D52	23°30	14° 9	1°53	S 26
M27	18 19 22	5°10'46	8♎47	27°28	11° 1	6°52	12°27	0°22	7°19	23°52	21°55	22°R52	23°27	14°16	1°54	M27
T 28	18 23 19	6° 8'00	22°52	27°50	12°14	7°36	12°38	0°29	7°23	23°52	21°56	22°52	23°24	14°23	1°54	T 28
W29	18 27 16	7° 5'13	7♏15	28° 7	13°26	8°19	12°49	0°36	7°27	23°51	21°57	22°49	23°20	14°30	1°54	W29
T 30	18 31 12	8♋ 2'26	21♏51	28♋20	14♊39	9♉ 3	13♉ 0	0♊43	7♋30	23♎51	21♉58	22♓44	23♓17	14♉36	1♈55	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n59	13s 2	2s40	25n28	2n 4	13n 3	1s46	5n39	1s22	12n53	1s 3	17n39	1s55	23n35	0n17	7s46	1n43	3n48	14s47	1s43	2s 3	18n47	3n53	3n38
T 2	22 7	19 2	3 40	25 32	2 7	13 26	1 45	5 56	1 22	12 57	1 3	17 41	1 55	23 35	0 17	7 45	1 43	3 48	14 47	1 46	2 5	18 50	3 54	3 38
F 3	22 15	23 54	4 26	25 34	2 8	13 49	1 45	6 13	1 22	13 1	1 3	17 43	1 55	23 35	0 17	7 45	1 43	3 48	14 47	1 49	2 6	18 53	3 55	3 38
S 4	22 22	27 9	4 54	25 34	2 9	14 11	1 44	6 30	1 22	13 6	1 3	17 45	1 55	23 34	0 17	7 45	1 43	3 48	14 48	1 53	2 7	18 55	3 56	3 38
S 5	22 29	28 25	5 1	25 31	2 9	14 33	1 42	6 47	1 22	13 10	1 3	17 46	1 55	23 34	0 17	7 45	1 43	3 49	14 48	1 57	2 8	18 58	3 56	3 38
M 6	22 36	27 38	4 48	25 27	2 8	14 55	1 41	7 4	1 21	13 14	1 4	17 48	1 55	23 34	0 17	7 44	1 43	3 49	14 48	2 1	2 10	19 1	3 57	3 38
T 7	22 42	25 2	4 17	25 21	2 7	15 17	1 40	7 21	1 21	13 18	1 4	17 50	1 55	23 34	0 17	7 44	1 43	3 49	14 48	2 4	2 11	19 3	3 58	3 38
W 8	22 48	21 3	3 32	25 13	2 4	15 38	1 39	7 38	1 21	13 22	1 4	17 51	1 55	23 34	0 17	7 44	1 43	3 49	14 48	2 7	2 12	19 6	3 59	3 38
T 9	22 53	16 7	2 36	25 3	2 1	15 59	1 38	7 55	1 21	13 26	1 4	17 53	1 55	23 34	0 17	7 43	1 43	3 49	14 48	2 9	2 13	19 9	3 59	3 39
F 10	22 58	10 38	1 35	24 52	1 57	16 20	1 36	8 11	1 21	13 30	1 4	17 54	1 55	23 34	0 17	7 43	1 43	3 50	14 48	2 9	2 15	19 11	4 0	3 39
S 11	23 2	4 52	0 30	24 40	1 53	16 40	1 35	8 28	1 20	13 34	1 4	17 56	1 55	23 33	0 17	7 43	1 43	3 50	14 48	2 9	2 16	19 14	4 1	3 39
S 12	23 7	0n56	0n34	24 27	1 47	16 59	1 33	8 44	1 20	13 38	1 4	17 58	1 55	23 33	0 17	7 43	1 43	3 50	14 48	2 9	2 17	19 16	4 1	3 39
M13	23 10	6 36	1 36	24 12	1 41	17 19	1 32	9 0	1 20	13 41	1 4	17 59	1 55	23 33	0 17	7 42	1 43	3 50	14 49	2 10	2 18	19 19	4 2	3 39
T 14	23 14	11 59	2 33	23 56	1 35	17 38	1 30	9 17	1 19	13 45	1 4	18 1	1 55	23 33	0 17	7 42	1 43	3 50	14 49	2 11	2 20	19 22	4 2	3 39
W15	23 17	16 55	3 23	23 40	1 27	17 56	1 29	9 33	1 19	13 49	1 4	18 2	1 55	23 33	0 17	7 42	1 42	3 50	14 49	2 13	2 21	19 24	4 3	3 39
T 16	23 19	21 13	4 4	23 22	1 19	18 14	1 27	9 49	1 19	13 53	1 4	18 4	1 55	23 33	0 17	7 42	1 42	3 51	14 49	2 16	2 22	19 27	4 3	3 40
F 17	23 21	24 42	4 35	23 4	1 10	18 32	1 25	10 5	1 19	13 57	1 4	18 5	1 55	23 32	0 17	7 42	1 42	3 51	14 49	2 20	2 23	19 30	4 4	3 40
S 18	23 23	27 7	4 54	22 45	1 0	18 49	1 23	10 21	1 18	14 0	1 4	18 7	1 55	23 32	0 17	7 42	1 42	3 51	14 49	2 25	2 25	19 32	4 4	3 40
S 19	23 24	28 18	5 0	22 26	0 50	19 6	1 21	10 36	1 18	14 4	1 5	18 8	1 55	23 32	0 17	7 41	1 42	3 51	14 49	2 30	2 26	19 35	4 5	3 40
M20	23 25	28 6	4 52	22 6	0 39	19 22	1 19	10 52	1 18	14 7	1 5	18 10	1 55	23 32	0 17	7 41	1 42	3 51	14 50	2 36	2 27	19 37	4 5	3 40
T 21	23 26	26 28	4 30	21 47	0 27	19 38	1 17	11 7	1 17	14 11	1 5	18 11	1 56	23 32	0 17	7 41	1 42	3 51	14 50	2 40	2 28	19 40	4 6	3 40
W22	23 26	23 28	3 54	21 27	0 15	19 53	1 15	11 22	1 17	14 15	1 5	18 13	1 56	23 31	0 17	7 41	1 42	3 51	14 50	2 44	2 30	19 42	4 6	3 40
T 23	23 25	19 16	3 6	21 6	0 3	20 7	1 13	11 38	1 17	14 18	1 5	18 14	1 56	23 31	0 17	7 41	1 42	3 51	14 50	2 47	2 31	19 45	4 7	3 41
F 24	23 24	14 6	2 7	20 46	0s11	20 22	1 11	11 53	1 16	14 22	1 5	18 16	1 56	23 31	0 17	7 41	1 42	3 52	14 50	2 49	2 32	19 48	4 7	3 41
S 25	23 23	8 13	1 0	20 26	0 24	20 35	1 9	12 8	1 16	14 25	1 5	18 17	1 56	23 31	0 17	7 41	1 42	3 52	14 50	2 50	2 34	19 50	4 7	3 41
S 26	23 22	1 50	0s11	20 7	0 39	20 48	1 7	12 22	1 15	14 28	1 5	18 18	1 56	23 31	0 17	7 41	1 42	3 52	14 50	2 50	2 35	19 53	4 8	3 41
M27	23 19	4s45	1 23	19 47	0 53	21 1	1 5	12 37	1 15	14 32	1 5	18 20	1 56	23 31	0 17	7 41	1 42	3 52	14 51	2 50	2 36	19 55	4 8	3 41
T 28	23 17	11 14	2 32	19 28	1 8	21 13	1 3	12 52	1 15	14 35	1 5	18 21	1 56	23 30	0 17	7 41	1 42	3 52	14 51	2 50	2 37	19 58	4 8	3 41
W29	23 14	17 16	3 32	19 10	1 24	21 24	1 0	13 6	1 14	14 38	1 5	18 22	1 56	23 30	0 17	7 41	1 42	3 52	14 51	2 51	2 39	20 0	4 9	3 41
T 30	23n11	22s23	4s19	18n52	1s39	21n35	0s58	13n20	1s14	14n41	1s 6	18n24	1s56	23n30	0n17	7s40	1n42	3n52	14s51	2s53	2s40	20n 3	4n 9	3n42

Julian Day Number = 2494794.5, Delta T = 102.40 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'41, Lahiri = 25°30'42

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ASTRODIENST EPHEMERIS for the year 2118
geocentric

JULY 2118 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 35 9	8♋59'38	6♐36	28♋28	15♊51	9♉46	13♉11	0♊49	7♋34	23°R51	21♉59	22°R36	23♓14	14♉43	1♈55	F 1
S 2	18 39 5	9°56'50	21°23	28°R32	17° 4	10°30	13°22	0°56	7°37	23♎51	22° 0	22♓27	23°11	14°50	1°55	S 2
S 3	18 43 2	10°54'02	6♑ 5	28°30	18°16	11°13	13°33	1° 2	7°41	23°51	22° 1	22°16	23° 8	14°56	1°55	S 3
M 4	18 46 58	11°51'14	20°32	28°25	19°29	11°56	13°43	1° 9	7°45	23°51	22° 2	22° 6	23° 5	15° 3	1°55	M 4
T 5	18 50 55	12°48'25	4♒39	28°15	20°42	12°39	13°54	1°15	7°48	23°51	22° 3	21°58	23° 1	15°10	1°R55	T 5
W 6	18 54 52	13°45'36	18°22	28° 0	21°54	13°22	14° 4	1°22	7°52	23°D51	22° 3	21°51	22°58	15°16	1°55	W 6
T 7	18 58 48	14°42'48	1♓39	27°41	23° 7	14° 5	14°15	1°28	7°55	23°51	22° 4	21°47	22°55	15°23	1°55	T 7
F 8	19 2 45	15°40'00	14°30	27°18	24°20	14°48	14°25	1°35	7°59	23°51	22° 5	21°45	22°52	15°30	1°55	F 8
S 9	19 6 41	16°37'11	27° 0	26°52	25°33	15°31	14°35	1°41	8° 3	23°51	22° 6	21°D45	22°49	15°36	1°55	S 9
S 10	19 10 38	17°34'23	9♈13	26°22	26°45	16°13	14°45	1°47	8° 6	23°51	22° 7	21°46	22°46	15°43	1°55	S 10
M11	19 14 34	18°31'36	21°12	25°49	27°58	16°56	14°55	1°53	8°10	23°51	22° 8	21°R46	22°42	15°50	1°54	M11
T 12	19 18 31	19°28'49	3♉ 5	25°14	29°11	17°38	15° 5	1°59	8°13	23°51	22° 9	21°45	22°39	15°57	1°54	T 12
W13	19 22 27	20°26'02	14°55	24°37	0♋24	18°21	15°15	2° 5	8°17	23°52	22° 9	21°42	22°36	16° 3	1°54	W13
T 14	19 26 24	21°23'16	26°48	23°59	1°37	19° 3	15°24	2°11	8°20	23°52	22°10	21°37	22°33	16°10	1°53	T 14
F 15	19 30 21	22°20'30	8♊47	23°20	2°50	19°45	15°34	2°17	8°24	23°52	22°11	21°29	22°30	16°17	1°53	F 15
S 16	19 34 17	23°17'45	20°56	22°41	4° 3	20°28	15°43	2°23	8°27	23°52	22°12	21°20	22°26	16°23	1°52	S 16
S 17	19 38 14	24°15'00	3♋17	22° 3	5°16	21°10	15°52	2°29	8°31	23°53	22°12	21°10	22°23	16°30	1°52	S 17
M18	19 42 10	25°12'16	15°51	21°26	6°29	21°52	16° 1	2°35	8°34	23°53	22°13	21° 0	22°20	16°37	1°51	M18
T 19	19 46 7	26° 9'32	28°39	20°51	7°42	22°34	16°10	2°40	8°38	23°54	22°14	20°51	22°17	16°43	1°50	T 19
W20	19 50 3	27° 6'48	11♌40	20°19	8°55	23°15	16°19	2°46	8°41	23°54	22°15	20°44	22°14	16°50	1°50	W20
T 21	19 54 0	28° 4'04	24°53	19°50	10° 8	23°57	16°28	2°51	8°45	23°54	22°15	20°38	22°11	16°57	1°49	T 21
F 22	19 57 56	29° 1'21	8♍18	19°26	11°22	24°39	16°36	2°57	8°48	23°55	22°16	20°36	22° 7	17° 4	1°48	F 22
S 23	20 1 53	29°58'38	21°54	19° 5	12°35	25°20	16°45	3° 2	8°52	23°56	22°16	20°D35	22° 4	17°10	1°47	S 23
S 24	20 5 50	0♌55'55	5♎39	18°49	13°48	26° 2	16°53	3° 8	8°55	23°56	22°17	20°36	22° 1	17°17	1°46	S 24
M25	20 9 46	1°53'13	19°35	18°38	15° 1	26°43	17° 1	3°13	8°59	23°57	22°18	20°37	21°58	17°24	1°45	M25
T 26	20 13 43	2°50'31	3♏40	18°D32	16°15	27°24	17° 9	3°18	9° 2	23°57	22°18	20°R37	21°55	17°30	1°44	T 26
W27	20 17 39	3°47'49	17°53	18°33	17°28	28° 5	17°17	3°23	9° 5	23°58	22°19	20°36	21°52	17°37	1°43	W27
T 28	20 21 36	4°45'07	2♐12	18°38	18°41	28°46	17°25	3°28	9° 9	23°59	22°19	20°34	21°48	17°44	1°42	T 28
F 29	20 25 32	5°42'26	16°34	18°50	19°54	29°27	17°32	3°33	9°12	23°59	22°20	20°29	21°45	17°50	1°40	F 29
S 30	20 29 29	6°39'46	0♑56	19° 8	21° 8	0♊ 8	17°40	3°38	9°15	24° 0	22°20	20°23	21°42	17°57	1°39	S 30
S 31	20 33 25	7♌37'05	15♑11	19♋32	22♋21	0♊49	17♉47	3♊43	9♋19	24♎ 1	22♉21	20♓17	21♓39	18♉ 4	1♈38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 7	26s10	4s50	18n35	1s55	21n45	0s56	13n34	1s13	14n45	1s 6	18n25	1s56	23n30	0n17	7s40	1n42	3n52	14s51	2s56	2s41	20n 5	4n 9	3n42
S 2	23 3	28 10	5 2	18 19	2 11	21 55	0 53	13 48	1 13	14 48	1 6	18 26	1 56	23 30	0 17	7 40	1 42	3 52	14 52	3 0	2 42	20 8	4 9	3 42
S 3	22 59	28 10	4 53	18 3	2 27	22 4	0 51	14 2	1 12	14 51	1 6	18 28	1 56	23 29	0 17	7 40	1 42	3 52	14 52	3 4	2 44	20 11	4 9	3 42
M 4	22 54	26 14	4 26	17 49	2 42	22 12	0 48	14 16	1 12	14 54	1 6	18 29	1 56	23 29	0 17	7 41	1 42	3 52	14 52	3 8	2 45	20 13	4 10	3 42
T 5	22 49	22 41	3 43	17 36	2 58	22 20	0 46	14 29	1 12	14 57	1 6	18 30	1 56	23 29	0 17	7 41	1 41	3 52	14 52	3 11	2 46	20 16	4 10	3 42
W 6	22 43	17 58	2 48	17 24	3 13	22 27	0 44	14 43	1 11	15 0	1 6	18 31	1 56	23 29	0 17	7 41	1 41	3 52	14 52	3 14	2 47	20 18	4 10	3 42
T 7	22 37	12 31	1 45	17 13	3 28	22 34	0 41	14 56	1 11	15 3	1 6	18 32	1 57	23 29	0 17	7 41	1 41	3 52	14 53	3 15	2 49	20 21	4 10	3 42
F 8	22 30	6 41	0 39	17 4	3 42	22 40	0 39	15 9	1 10	15 6	1 7	18 34	1 57	23 28	0 17	7 41	1 41	3 52	14 53	3 16	2 50	20 23	4 10	3 43
S 9	22 24	0 46	0n28	16 56	3 55	22 45	0 36	15 22	1 9	15 9	1 7	18 35	1 57	23 28	0 17	7 41	1 41	3 52	14 53	3 16	2 51	20 26	4 10	3 43
S 10	22 16	5n 3	1 32	16 49	4 7	22 50	0 34	15 35	1 9	15 11	1 7	18 36	1 57	23 28	0 17	7 41	1 41	3 52	14 53	3 16	2 52	20 28	4 10	3 43
M11	22 9	10 35	2 30	16 44	4 18	22 54	0 31	15 47	1 8	15 14	1 7	18 37	1 57	23 28	0 17	7 41	1 41	3 52	14 54	3 16	2 54	20 31	4 10	3 43
T 12	22 1	15 41	3 22	16 41	4 28	22 57	0 28	16 0	1 8	15 17	1 7	18 38	1 57	23 28	0 17	7 41	1 41	3 52	14 54	3 16	2 55	20 33	4 10	3 43
W13	21 52	20 12	4 4	16 39	4 37	23 0	0 26	16 12	1 7	15 20	1 7	18 39	1 57	23 27	0 17	7 41	1 41	3 52	14 54	3 17	2 56	20 36	4 10	3 43
T 14	21 44	23 55	4 37	16 38	4 44	23 2	0 23	16 24	1 7	15 22	1 7	18 40	1 57	23 27	0 17	7 41	1 41	3 52	14 54	3 19	2 57	20 38	4 10	3 43
F 15	21 35	26 39	4 57	16 39	4 50	23 3	0 21	16 36	1 6	15 25	1 7	18 41	1 57	23 27	0 17	7 42	1 41	3 52	14 54	3 22	2 59	20 40	4 10	3 44
S 16	21 25	28 11	5 4	16 41	4 54	23 4	0 18	16 48	1 6	15 27	1 8	18 42	1 57	23 27	0 17	7 42	1 41	3 52	14 55	3 26	3 0	20 43	4 10	3 44
S 17	21 15	28 21	4 58	16 45	4 56	23 4	0 16	17 0	1 5	15 30	1 8	18 43	1 58	23 26	0 17	7 42	1 41	3 52	14 55	3 30	3 1	20 45	4 10	3 44
M18	21 5	27 4	4 37	16 50	4 57	23 3	0 13	17 11	1 4	15 32	1 8	18 44	1 58	23 26	0 17	7 42	1 41	3 52	14 55	3 34	3 2	20 48	4 10	3 44
T 19	20 54	24 21	4 1	16 56	4 56	23 2	0 10	17 22	1 4	15 35	1 8	18 45	1 58	23 26	0 17	7 42	1 41	3 52	14 55	3 38	3 4	20 50	4 9	3 44
W20	20 43	20 22	3 13	17 3	4 53	23 0	0 8	17 34	1 3	15 37	1 8	18 46	1 58	23 26	0 17	7 43	1 41	3 52	14 56	3 40	3 5	20 53	4 9	3 44
T 21	20 32	15 19	2 13	17 12	4 49	22 57	0 5	17 45	1 2	15 40	1 8	18 47	1 58	23 26	0 17	7 43	1 41	3 52	14 56	3 42	3 6	20 55	4 9	3 44
F 22	20 21	9 28	1 6	17 21	4 43	22 54	0 3	17 55	1 2	15 42	1 8	18 48	1 58	23 25	0 17	7 43	1 41	3 51	14 56	3 43	3 7	20 58	4 9	3 44
S 23	20 9	3 6	0s 7	17 31	4 36	22 50	0 0	18 6	1 1	15 44	1 9	18 49	1 58	23 25	0 17	7 43	1 41	3 51	14 56	3 44	3 9	21 0	4 9	3 45
S 24	19 56	3s28	1 20	17 42	4 27	22 45	0n 2	18 16	1 0	15 46	1 9	18 50	1 58	23 25	0 17	7 43	1 40	3 51	14 57	3 43	3 10	21 2	4 8	3 45
M25	19 44	9 58	2 30	17 53	4 18	22 40	0 5	18 27	1 0	15 48	1 9	18 51	1 58	23 25	0 17	7 44	1 40	3 51	14 57	3 43	3 11	21 5	4 8	3 45
T 26	19 31	16 2	3 31	18 4	4 7	22 34	0 7	18 37	0 59	15 51	1 9	18 52	1 59	23 25	0 17	7 44	1 40	3 51	14 57	3 43	3 12	21 7	4 8	3 45
W27	19 18	21 18	4 20	18 16	3 55	22 27	0 10	18 46	0 58	15 53	1 9	18 53	1 59	23 24	0 17	7 44	1 40	3 51	14 58	3 43	3 14	21 10	4 7	3 45
T 28	19 4	25 22	4 53	18 28	3 42	22 20	0 12	18 56	0 58	15 55	1 9	18 54	1 59	23 24	0 17	7 45	1 40	3 51	14 58	3 44	3 15	21 12	4 7	3 45
F 29	18 50	27 51	5 8	18 40	3 28	22 12	0 15	19 6	0 57	15 57	1 9	18 54	1 59	23 24	0 17	7 45	1 40	3 51	14 58	3 46	3 16	21 14	4 7	3 45
S 30	18 36	28 29	5 3	18 51	3 14	22 3	0 17	19 15	0 56	15 59	1 10	18 55	1 59	23 24	0 18	7 45	1 40	3 50	14 58	3 48	3 17	21 17	4 6	3 45
S 31	18n21	27s12	4s40	19n 2	3s 0	21n54	0n20	19n24	0s55	16n 0	1s10	18n56	1s59	23n23	0n18	7s46	1n40	3n50	14s59	3s51	3s19	21n19	4n 6	3n46

Julian Day Number = 2494824.5, Delta T = 102.45 sec
Ecliptic obliquity = 23°25'34, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'45, Lahiri = 25°30'46

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ASTRODIENST EPHEMERIS for the year 2118
geocentric

AUGUST 2118 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 37 22	8♌34'26	29♉15	20♋ 2	23♋35	1♊29	17♉54	3♊48	9♋22	24♎ 2	22♉21	20°R10	21♓36	18♉11	1°R36	M 1
T 2	20 41 19	9°31'47	13♒ 3	20°38	24°48	2°10	18° 1	3°52	9°25	24° 3	22°22	20♓ 5	21°32	18°17	1♈35	T 2
W 3	20 45 15	10°29'09	26°31	21°21	26° 2	2°50	18° 8	3°57	9°28	24° 4	22°22	20° 1	21°29	18°24	1°34	W 3
T 4	20 49 12	11°26'32	9♓39	22° 9	27°15	3°30	18°15	4° 1	9°31	24° 4	22°22	19°59	21°26	18°31	1°32	T 4
F 5	20 53 8	12°23'56	22°26	23° 3	28°29	4°10	18°21	4° 6	9°35	24° 5	22°23	19°D58	21°23	18°37	1°31	F 5
S 6	20 57 5	13°21'20	4♈55	24° 3	29°42	4°50	18°28	4°10	9°38	24° 6	22°23	19°59	21°20	18°44	1°29	S 6
S 7	21 1 1	14°18'46	17° 7	25° 9	0♌56	5°30	18°34	4°14	9°41	24° 7	22°24	20° 1	21°17	18°51	1°27	S 7
M 8	21 4 58	15°16'14	29° 8	26°20	2°10	6°10	18°40	4°18	9°44	24° 8	22°24	20° 2	21°13	18°57	1°26	M 8
T 9	21 8 54	16°13'42	11♉ 2	27°37	3°23	6°50	18°46	4°22	9°47	24° 9	22°24	20°R 3	21°10	19° 4	1°24	T 9
W10	21 12 51	17°11'12	22°54	28°59	4°37	7°29	18°52	4°26	9°50	24°11	22°24	20° 3	21° 7	19°11	1°22	W10
T 11	21 16 48	18° 8'43	4♊49	0♌26	5°51	8° 9	18°57	4°30	9°53	24°12	22°25	20° 2	21° 4	19°18	1°20	T 11
F 12	21 20 44	19° 6'15	16°50	1°58	7° 4	8°48	19° 3	4°34	9°56	24°13	22°25	19°59	21° 1	19°24	1°19	F 12
S 13	21 24 41	20° 3'49	29° 4	3°34	8°18	9°27	19° 8	4°38	9°59	24°14	22°25	19°55	20°58	19°31	1°17	S 13
S 14	21 28 37	21° 1'24	11♋31	5°14	9°32	10° 6	19°13	4°41	10° 2	24°15	22°25	19°51	20°54	19°38	1°15	S 14
M15	21 32 34	21°59'01	24°16	6°58	10°46	10°45	19°18	4°45	10° 5	24°16	22°25	19°46	20°51	19°44	1°13	M15
T 16	21 36 30	22°56'38	7♌18	8°45	12° 0	11°24	19°23	4°48	10° 8	24°18	22°26	19°42	20°48	19°51	1°11	T 16
W17	21 40 27	23°54'17	20°38	10°35	13°14	12° 2	19°27	4°52	10°11	24°19	22°26	19°39	20°45	19°58	1° 9	W17
T 18	21 44 23	24°51'57	4♍14	12°28	14°28	12°41	19°32	4°55	10°14	24°20	22°26	19°37	20°42	20° 4	1° 7	T 18
F 19	21 48 20	25°49'39	18° 4	14°24	15°42	13°19	19°36	4°58	10°16	24°22	22°26	19°D36	20°38	20°11	1° 5	F 19
S 20	21 52 17	26°47'21	2♎ 5	16°21	16°56	13°58	19°40	5° 1	10°19	24°23	22°26	19°37	20°35	20°18	1° 3	S 20
S 21	21 56 13	27°45'05	16°13	18°19	18°10	14°36	19°44	5° 4	10°22	24°24	22°26	19°38	20°32	20°25	1° 0	S 21
M22	22 0 10	28°42'49	0♏26	20°18	19°24	15°14	19°47	5° 7	10°24	24°26	22°26	19°39	20°29	20°31	0°58	M22
T 23	22 4 6	29°40'35	14°41	22°19	20°38	15°51	19°51	5°10	10°27	24°27	22°R26	19°40	20°26	20°38	0°56	T 23
W24	22 8 3	0♍38'22	28°55	24°19	21°52	16°29	19°54	5°13	10°30	24°29	22°26	19°R41	20°23	20°45	0°54	W24
T 25	22 11 59	1°36'10	13♐ 6	26°20	23° 6	17° 6	19°57	5°15	10°32	24°30	22°26	19°40	20°19	20°51	0°51	T 25
F 26	22 15 56	2°33'59	27°12	28°20	24°20	17°44	20° 0	5°18	10°35	24°32	22°26	19°39	20°16	20°58	0°49	F 26
S 27	22 19 52	3°31'50	11♑10	0♍20	25°34	18°21	20° 3	5°20	10°37	24°33	22°26	19°38	20°13	21° 5	0°47	S 27
S 28	22 23 49	4°29'42	24°58	2°20	26°48	18°58	20° 5	5°22	10°40	24°35	22°26	19°36	20°10	21°12	0°44	S 28
M29	22 27 46	5°27'34	8♒35	4°19	28° 2	19°35	20° 8	5°24	10°42	24°36	22°26	19°34	20° 7	21°18	0°42	M29
T 30	22 31 42	6°25'29	21°57	6°17	29°17	20°12	20°10	5°27	10°45	24°38	22°25	19°32	20° 4	21°25	0°39	T 30
W31	22 35 39	7♍23'24	5♓ 5	8♍14	0♍31	20♊48	20♉12	5♊29	10♋47	24♎40	22♉25	19♓31	20♓ 0	21♉32	0♈37	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n 7	24s13	4s 0	19n13	2s45	21n44	0n22	19n33	0s55	16n 2	1s10	18n57	1s59	23n23	0n18	7s46	1n40	3n50	14s59	3s54	3s20	21n22	4n 5	3n46
T 2	17 51	19 52	3 7	19 23	2 29	21 33	0 25	19 42	0 54	16 4	1 10	18 57	1 59	23 23	0 18	7 46	1 40	3 50	14 59	3 56	3 21	21 24	4 5	3 46
W 3	17 36	14 37	2 4	19 32	2 14	21 22	0 27	19 51	0 53	16 6	1 10	18 58	2 0	23 23	0 18	7 47	1 40	3 50	14 59	3 57	3 22	21 26	4 4	3 46
T 4	17 20	8 49	0 56	19 40	1 58	21 11	0 29	19 59	0 52	16 7	1 10	18 59	2 0	23 23	0 18	7 47	1 40	3 50	15 0	3 58	3 24	21 29	4 4	3 46
F 5	17 4	2 48	0n13	19 47	1 42	20 58	0 31	20 7	0 52	16 9	1 11	18 59	2 0	23 22	0 18	7 47	1 40	3 49	15 0	3 58	3 25	21 31	4 3	3 46
S 6	16 48	3n11	1 20	19 52	1 27	20 45	0 34	20 16	0 51	16 11	1 11	19 0	2 0	23 22	0 18	7 48	1 40	3 49	15 0	3 58	3 26	21 33	4 3	3 46
S 7	16 32	8 55	2 23	19 56	1 11	20 31	0 36	20 23	0 50	16 12	1 11	19 1	2 0	23 22	0 18	7 48	1 40	3 49	15 1	3 57	3 27	21 36	4 2	3 46
M 8	16 15	14 14	3 17	19 57	0 56	20 17	0 38	20 31	0 49	16 14	1 11	19 1	2 0	23 22	0 18	7 49	1 40	3 49	15 1	3 57	3 29	21 38	4 2	3 46
T 9	15 58	18 59	4 3	19 57	0 41	20 3	0 40	20 39	0 48	16 15	1 11	19 2	2 0	23 22	0 18	7 49	1 40	3 49	15 1	3 56	3 30	21 40	4 1	3 46
W10	15 41	22 58	4 38	19 55	0 27	19 47	0 42	20 46	0 47	16 17	1 11	19 2	2 1	23 21	0 18	7 50	1 40	3 48	15 1	3 56	3 31	21 43	4 0	3 46
T 11	15 23	26 1	5 1	19 50	0 13	19 31	0 45	20 53	0 47	16 18	1 12	19 3	2 1	23 21	0 18	7 50	1 40	3 48	15 2	3 57	3 32	21 45	4 0	3 47
F 12	15 5	27 57	5 12	19 43	0n 1	19 15	0 47	21 0	0 46	16 19	1 12	19 4	2 1	23 21	0 18	7 50	1 40	3 48	15 2	3 58	3 34	21 47	3 59	3 47
S 13	14 47	28 34	5 8	19 34	0 13	18 58	0 49	21 7	0 45	16 21	1 12	19 4	2 1	23 21	0 18	7 51	1 39	3 48	15 2	3 59	3 35	21 50	3 59	3 47
S 14	14 29	27 45	4 50	19 22	0 25	18 40	0 51	21 14	0 44	16 22	1 12	19 5	2 1	23 21	0 18	7 51	1 39	3 48	15 3	4 1	3 36	21 52	3 58	3 47
M15	14 10	25 29	4 18	19 7	0 37	18 22	0 52	21 20	0 43	16 23	1 12	19 5	2 1	23 20	0 18	7 52	1 39	3 47	15 3	4 3	3 37	21 54	3 57	3 47
T 16	13 52	21 50	3 31	18 49	0 47	18 3	0 54	21 26	0 42	16 24	1 12	19 6	2 2	23 20	0 18	7 52	1 39	3 47	15 3	4 5	3 39	21 56	3 56	3 47
W17	13 33	17 1	2 32	18 29	0 57	17 44	0 56	21 33	0 41	16 25	1 13	19 6	2 2	23 20	0 18	7 53	1 39	3 47	15 3	4 6	3 40	21 59	3 56	3 47
T 18	13 14	11 15	1 23	18 6	1 6	17 25	0 58	21 38	0 40	16 26	1 13	19 6	2 2	23 20	0 18	7 53	1 39	3 47	15 4	4 7	3 41	22 1	3 55	3 47
F 19	12 54	4 51	0 8	17 41	1 14	17 4	1 0	21 44	0 39	16 27	1 13	19 7	2 2	23 20	0 18	7 54	1 39	3 46	15 4	4 7	3 42	22 3	3 54	3 47
S 20	12 35	1s52	1s 8	17 13	1 21	16 44	1 1	21 50	0 38	16 28	1 13	19 7	2 2	23 19	0 18	7 55	1 39	3 46	15 4	4 7	3 44	22 6	3 53	3 47
S 21	12 15	8 33	2 21	16 42	1 27	16 23	1 3	21 55	0 37	16 29	1 13	19 8	2 2	23 19	0 18	7 55	1 39	3 46	15 5	4 6	3 45	22 8	3 52	3 47
M22	11 55	14 50	3 26	16 10	1 32	16 1	1 5	22 0	0 36	16 30	1 14	19 8	2 3	23 19	0 18	7 56	1 39	3 46	15 5	4 6	3 46	22 10	3 52	3 47
T 23	11 35	20 21	4 19	15 35	1 36	15 39	1 6	22 5	0 35	16 30	1 14	19 8	2 3	23 19	0 18	7 56	1 39	3 45	15 5	4 5	3 47	22 12	3 51	3 47
W24	11 14	24 42	4 55	14 59	1 40	15 17	1 8	22 10	0 34	16 31	1 14	19 9	2 3	23 19	0 18	7 57	1 39	3 45	15 5	4 5	3 49	22 15	3 50	3 47
T 25	10 54	27 32	5 13	14 21	1 43	14 54	1 9	22 15	0 33	16 32	1 14	19 9	2 3	23 18	0 18	7 57	1 39	3 45	15 6	4 5	3 50	22 17	3 49	3 47
F 26	10 33	28 36	5 13	13 41	1 45	14 31	1 10	22 19	0 32	16 32	1 14	19 9	2 3	23 18	0 18	7 58	1 39	3 44	15 6	4 6	3 51	22 19	3 48	3 47
S 27	10 12	27 50	4 53	13 0	1 46	14 7	1 12	22 24	0 31	16 33	1 14	19 9	2 3	23 18	0 18	7 59	1 39	3 44	15 6	4 6	3 52	22 21	3 47	3 47
S 28	9 51	25 21	4 17	12 17	1 46	13 43	1 13	22 28	0 30	16 33	1 15	19 10	2 4	23 18	0 18	7 59	1 39	3 44	15 6	4 7	3 54	22 23	3 46	3 48
M29	9 30	21 26	3 27	11 34	1 46	13 18	1 14	22 32	0 29	16 34	1 15	19 10	2 4	23 18	0 18	8 0	1 39	3 44	15 7	4 8	3 55	22 26	3 45	3 48
T 30	9 9	16 30	2 27	10 49	1 45	12 54	1 15	22 36	0 28	16 34	1 15	19 10	2 4	23 18	0 18	8 0	1 39	3 43	15 7	4 8	3 56	22 28	3 44	3 48
W31	8n48	10s52	1s19	10n 4	1n43	12n28	1n16	22n39	0s27	16n35	1s15	19n10	2s 4	23n17	0n18	8s 1	1n39	3n43	15s 7	4s 9	3s57	22n30	3n44	3n48

Julian Day Number = 2494855.5, Delta T = 102.49 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'50, Lahiri = 25°30'50

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ASTRODIENST EPHEMERIS for the year 2118
geocentric

SEPTEMBER 2118 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 35	8♍21'21	17♓56	10♍10	1♍45	21♊25	20♉14	5♊30	10♋49	24♎41	22°R25	19°D31	19♓57	21♉38	0°R34	T 1
F 2	22 43 32	9°19'20	0♈33	12° 5	3° 0	22° 1	20°15	5°32	10°52	24°43	22♉25	19♓31	19°54	21°45	0♈32	F 2
S 3	22 47 28	10°17'20	12°55	13°59	4°14	22°37	20°16	5°34	10°54	24°45	22°25	19°32	19°51	21°52	0°29	S 3
S 4	22 51 25	11°15'23	25° 4	15°52	5°28	23°13	20°18	5°35	10°56	24°46	22°24	19°32	19°48	21°58	0°27	S 4
M 5	22 55 21	12°13'27	7♉ 4	17°43	6°43	23°48	20°19	5°37	10°58	24°48	22°24	19°33	19°44	22° 5	0°24	M 5
T 6	22 59 18	13°11'33	18°58	19°34	7°57	24°24	20°19	5°38	11° 0	24°50	22°24	19°34	19°41	22°12	0°22	T 6
W 7	23 3 15	14° 9'41	0♊50	21°23	9°11	24°59	20°20	5°39	11° 2	24°52	22°24	19°34	19°38	22°19	0°19	W 7
T 8	23 7 11	15° 7'51	12°44	23°11	10°26	25°34	20°20	5°41	11° 4	24°53	22°23	19°R34	19°35	22°25	0°16	T 8
F 9	23 11 8	16° 6'03	24°45	24°57	11°40	26° 9	20°R21	5°42	11° 6	24°55	22°23	19°34	19°32	22°32	0°14	F 9
S 10	23 15 4	17° 4'17	6♋58	26°43	12°55	26°44	20°21	5°43	11° 8	24°57	22°23	19°34	19°29	22°39	0°11	S 10
S 11	23 19 1	18° 2'33	19°27	28°27	14° 9	27°19	20°20	5°43	11°10	24°59	22°22	19°34	19°25	22°45	0° 8	S 11
M12	23 22 57	19° 0'51	2♌15	0♎10	15°24	27°53	20°20	5°44	11°12	25° 1	22°22	19°34	19°22	22°52	0° 6	M12
T 13	23 26 54	19°59'11	15°25	1°52	16°38	28°28	20°19	5°45	11°14	25° 3	22°21	19°D34	19°19	22°59	0° 3	T 13
W14	23 30 50	20°57'33	28°58	3°33	17°53	29° 2	20°18	5°45	11°16	25° 5	22°21	19°34	19°16	23° 6	0° 0	W14
T 15	23 34 47	21°55'56	12♍52	5°13	19° 7	29°35	20°17	5°45	11°17	25° 7	22°20	19°R34	19°13	23°12	29♓58	T 15
F 16	23 38 44	22°54'22	27° 5	6°52	20°22	0♋ 9	20°16	5°46	11°19	25° 9	22°20	19°34	19°10	23°19	29°55	F 16
S 17	23 42 40	23°52'49	11♎32	8°30	21°37	0°42	20°15	5°46	11°21	25°10	22°19	19°34	19° 6	23°26	29°52	S 17
S 18	23 46 37	24°51'19	26° 8	10° 6	22°51	1°15	20°13	5°R46	11°22	25°12	22°19	19°33	19° 3	23°32	29°49	S 18
M19	23 50 33	25°49'50	10♏47	11°42	24° 6	1°48	20°11	5°46	11°24	25°14	22°18	19°33	19° 0	23°39	29°47	M19
T 20	23 54 30	26°48'22	25°22	13°16	25°21	2°21	20° 9	5°46	11°25	25°16	22°18	19°32	18°57	23°46	29°44	T 20
W21	23 58 26	27°46'57	9♐48	14°49	26°35	2°53	20° 7	5°45	11°27	25°18	22°17	19°31	18°54	23°52	29°41	W21
T 22	0 2 23	28°45'33	24° 2	16°22	27°50	3°26	20° 5	5°45	11°28	25°21	22°17	19°D31	18°50	23°59	29°38	T 22
F 23	0 6 19	29°44'11	8♑ 1	17°53	29° 5	3°58	20° 2	5°45	11°29	25°23	22°16	19°31	18°47	24° 6	29°36	F 23
S 24	0 10 16	0♎42'50	21°44	19°24	0♎20	4°29	19°59	5°44	11°31	25°25	22°15	19°32	18°44	24°13	29°33	S 24
S 25	0 14 13	1°41'31	5♒12	20°53	1°34	5° 1	19°56	5°43	11°32	25°27	22°15	19°33	18°41	24°19	29°30	S 25
M26	0 18 9	2°40'14	18°25	22°21	2°49	5°32	19°53	5°42	11°33	25°29	22°14	19°34	18°38	24°26	29°27	M26
T 27	0 22 6	3°38'58	1♓23	23°48	4° 4	6° 3	19°49	5°41	11°34	25°31	22°13	19°35	18°35	24°33	29°24	T 27
W28	0 26 2	4°37'44	14° 8	25°15	5°19	6°34	19°46	5°40	11°35	25°33	22°13	19°R35	18°31	24°39	29°22	W28
T 29	0 29 59	5°36'32	26°41	26°40	6°33	7° 4	19°42	5°39	11°36	25°35	22°12	19°35	18°28	24°46	29°19	T 29
F 30	0 33 55	6♎35'22	9♈ 3	28♎ 4	7♎48	7♋34	19♉38	5♊38	11♋37	25♎37	22♉11	19♓34	18♓25	24♉53	29♓16	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n26	4s54	0s 9	9n19	1n41	12n 3	1n17	22n43	0s26	16n35	1s15	19n10	2s 4	23n17	0n18	8s 2	1n39	3n43	15s 8	4s 9	3s59	22n32	3n43	3n48
F 2	8 4	1n 9	1n 1	8 32	1 38	11 37	1 18	22 46	0 25	16 35	1 16	19 11	2 4	23 17	0 18	8 2	1 39	3 42	15 8	4 9	4 0	22 34	3 42	3 48
S 3	7 42	7 2	2 6	7 46	1 35	11 11	1 19	22 49	0 24	16 35	1 16	19 11	2 5	23 17	0 18	8 3	1 39	3 42	15 8	4 9	4 1	22 37	3 41	3 48
S 4	7 20	12 33	3 4	6 59	1 31	10 44	1 20	22 53	0 23	16 35	1 16	19 11	2 5	23 17	0 18	8 4	1 39	3 42	15 8	4 8	4 2	22 39	3 40	3 48
M 5	6 58	17 33	3 54	6 12	1 27	10 18	1 21	22 55	0 22	16 36	1 16	19 11	2 5	23 17	0 18	8 4	1 39	3 41	15 9	4 8	4 4	22 41	3 39	3 48
T 6	6 36	21 49	4 33	5 24	1 23	9 51	1 21	22 58	0 20	16 36	1 16	19 11	2 5	23 16	0 18	8 5	1 39	3 41	15 9	4 8	4 5	22 43	3 37	3 48
W 7	6 14	25 12	5 0	4 37	1 18	9 23	1 22	23 1	0 19	16 36	1 16	19 11	2 5	23 16	0 18	8 6	1 38	3 41	15 9	4 8	4 6	22 45	3 36	3 48
T 8	5 51	27 31	5 15	3 49	1 13	8 56	1 23	23 3	0 18	16 36	1 17	19 11	2 5	23 16	0 18	8 6	1 38	3 40	15 10	4 8	4 7	22 47	3 35	3 48
F 9	5 29	28 35	5 16	3 2	1 8	8 28	1 23	23 5	0 17	16 35	1 17	19 11	2 6	23 16	0 18	8 7	1 38	3 40	15 10	4 8	4 9	22 50	3 34	3 48
S 10	5 6	28 17	5 3	2 15	1 2	8 0	1 24	23 8	0 16	16 35	1 17	19 11	2 6	23 16	0 18	8 8	1 38	3 40	15 10	4 8	4 10	22 52	3 33	3 48
S 11	4 44	26 33	4 35	1 28	0 56	7 32	1 24	23 10	0 14	16 35	1 17	19 11	2 6	23 16	0 18	8 8	1 38	3 39	15 10	4 8	4 11	22 54	3 32	3 48
M12	4 21	23 26	3 53	0 41	0 50	7 3	1 24	23 11	0 13	16 35	1 17	19 11	2 6	23 16	0 18	8 9	1 38	3 39	15 11	4 8	4 12	22 56	3 31	3 48
T 13	3 58	19 2	2 58	0s 5	0 43	6 34	1 25	23 13	0 12	16 34	1 17	19 11	2 6	23 15	0 18	8 10	1 38	3 39	15 11	4 8	4 14	22 58	3 30	3 48
W14	3 35	13 35	1 52	0 51	0 37	6 5	1 25	23 15	0 11	16 34	1 18	19 11	2 6	23 15	0 18	8 11	1 38	3 38	15 11	4 8	4 15	23 0	3 29	3 48
T 15	3 12	7 18	0 37	1 37	0 30	5 36	1 25	23 16	0 9	16 34	1 18	19 11	2 7	23 15	0 18	8 11	1 38	3 38	15 11	4 8	4 16	23 2	3 28	3 47
F 16	2 49	0 32	0s42	2 22	0 23	5 7	1 25	23 17	0 8	16 33	1 18	19 11	2 7	23 15	0 18	8 12	1 38	3 38	15 12	4 8	4 17	23 4	3 27	3 47
S 17	2 26	6s23	1 59	3 7	0 16	4 38	1 25	23 19	0 7	16 33	1 18	19 10	2 7	23 15	0 18	8 13	1 38	3 37	15 12	4 8	4 19	23 6	3 25	3 47
S 18	2 3	13 1	3 9	3 52	0 9	4 8	1 25	23 20	0 5	16 32	1 18	19 10	2 7	23 15	0 19	8 13	1 38	3 37	15 12	4 8	4 20	23 9	3 24	3 47
M19	1 39	18 58	4 7	4 36	0 1	3 38	1 25	23 21	0 4	16 31	1 18	19 10	2 7	23 15	0 19	8 14	1 38	3 36	15 12	4 8	4 21	23 11	3 23	3 47
T 20	1 16	23 46	4 49	5 20	0s 6	3 9	1 25	23 22	0 3	16 31	1 19	19 10	2 7	23 15	0 19	8 15	1 38	3 36	15 13	4 8	4 22	23 13	3 22	3 47
W21	0 53	27 3	5 12	6 3	0 14	2 39	1 24	23 22	0 1	16 30	1 19	19 10	2 8	23 15	0 19	8 16	1 38	3 36	15 13	4 9	4 24	23 15	3 21	3 47
T 22	0 30	28 33	5 16	6 45	0 21	2 9	1 24	23 23	0 0	16 29	1 19	19 9	2 8	23 14	0 19	8 16	1 38	3 35	15 13	4 9	4 25	23 17	3 20	3 47
F 23	0 6	28 11	5 0	7 27	0 29	1 39	1 24	23 23	0n 1	16 28	1 19	19 9	2 8	23 14	0 19	8 17	1 38	3 35	15 13	4 9	4 26	23 19	3 19	3 47
S 24	0s17	26 5	4 28	8 9	0 36	1 9	1 23	23 24	0 3	16 27	1 19	19 9	2 8	23 14	0 19	8 18	1 38	3 35	15 13	4 9	4 27	23 21	3 17	3 47
S 25	0 40	22 32	3 42	8 49	0 44	0 38	1 23	23 24	0 4	16 26	1 19	19 9	2 8	23 14	0 19	8 19	1 38	3 34	15 14	4 8	4 29	23 23	3 16	3 47
M26	1 4	17 54	2 44	9 29	0 51	0 8	1 22	23 24	0 6	16 25	1 19	19 8	2 8	23 14	0 19	8 20	1 38	3 34	15 14	4 8	4 30	23 25	3 15	3 47
T 27	1 27	12 31	1 39	10 9	0 59	0s22	1 21	23 24	0 7	16 24	1 20	19 8	2 9	23 14	0 19	8 20	1 38	3 34	15 14	4 7	4 31	23 27	3 14	3 47
W28	1 50	6 42	0 30	10 48	1 6	0 52	1 21	23 24	0 8	16 23	1 20	19 8	2 9	23 14	0 19	8 21	1 38	3 33	15 14	4 7	4 32	23 29	3 13	3 47
T 29	2 14	0 43	0n39	11 26	1 14	1 23	1 20	23 24	0 10	16 22	1 20	19 7	2 9	23 14	0 19	8 22	1 38	3 33	15 15	4 7	4 33	23 31	3 12	3 47
F 30	2s37	5n12	1n45	12s 3	1s21	1s53	1n19	23n24	0n11	16n21	1s20	19n 7	2s 9	23n14	0n19	8s23	1n38	3n32	15s15	4s 8	4s35	23n33	3n10	3n46

Julian Day Number = 2494886.5, Delta T = 102.54 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'54, Lahiri = 25°30'54

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2118
geocentric

OCTOBER 2118 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 37 52	7♎34'14	21♈15	29♎27	9♎ 3	8♋ 4	19°R34	5°R37	11♋38	25♎39	22°R11	19°R32	18♓22	25♉ 0	29°R13	S 1
S 2	0 41 48	8°33'08	3♉19	0♏49	10°18	8°34	19♉30	5♊35	11°39	25°42	22♉10	19♓30	18°19	25° 6	29♓11	S 2
M 3	0 45 45	9°32'04	15°15	2° 9	11°33	9° 3	19°25	5°34	11°40	25°44	22° 9	19°27	18°15	25°13	29° 8	M 3
T 4	0 49 42	10°31'02	27° 8	3°29	12°47	9°33	19°20	5°32	11°41	25°46	22° 8	19°23	18°12	25°20	29° 5	T 4
W 5	0 53 38	11°30'03	8♊59	4°47	14° 2	10° 1	19°16	5°30	11°41	25°48	22° 7	19°20	18° 9	25°26	29° 3	W 5
T 6	0 57 35	12°29'06	20°52	6° 4	15°17	10°30	19°11	5°28	11°42	25°50	22° 7	19°18	18° 6	25°33	29° 0	T 6
F 7	1 1 31	13°28'11	2♋52	7°19	16°32	10°58	19° 5	5°26	11°43	25°52	22° 6	19°16	18° 3	25°40	28°57	F 7
S 8	1 5 28	14°27'19	15° 2	8°33	17°47	11°26	19° 0	5°24	11°43	25°55	22° 5	19°D15	18° 0	25°47	28°55	S 8
S 9	1 9 24	15°26'28	27°27	9°46	19° 2	11°53	18°55	5°22	11°44	25°57	22° 4	19°16	17°56	25°53	28°52	S 9
M10	1 13 21	16°25'41	10♌11	10°56	20°17	12°21	18°49	5°20	11°44	25°59	22° 3	19°17	17°53	26° 0	28°49	M10
T 11	1 17 17	17°24'55	23°19	12° 5	21°32	12°48	18°43	5°18	11°45	26° 1	22° 2	19°19	17°50	26° 7	28°47	T 11
W12	1 21 14	18°24'11	6♍53	13°12	22°47	13°14	18°37	5°15	11°45	26° 3	22° 1	19°20	17°47	26°13	28°44	W12
T 13	1 25 11	19°23'30	20°54	14°17	24° 2	13°40	18°31	5°13	11°45	26° 6	22° 1	19°R21	17°44	26°20	28°42	T 13
F 14	1 29 7	20°22'51	5♎20	15°19	25°16	14° 6	18°25	5°10	11°45	26° 8	22° 0	19°20	17°41	26°27	28°39	F 14
S 15	1 33 4	21°22'14	20° 6	16°19	26°31	14°32	18°18	5° 7	11°46	26°10	21°59	19°17	17°37	26°34	28°37	S 15
S 16	1 37 0	22°21'40	5♏ 6	17°16	27°46	14°57	18°12	5° 4	11°46	26°12	21°58	19°13	17°34	26°40	28°34	S 16
M17	1 40 57	23°21'07	20°11	18°11	29° 1	15°21	18° 5	5° 1	11°46	26°15	21°57	19° 9	17°31	26°47	28°32	M17
T 18	1 44 53	24°20'36	5♐10	19° 2	0♏16	15°46	17°58	4°58	11°R46	26°17	21°56	19° 3	17°28	26°54	28°29	T 18
W19	1 48 50	25°20'07	19°57	19°49	1°31	16° 9	17°51	4°55	11°46	26°19	21°55	18°59	17°25	27° 0	28°27	W19
T 20	1 52 46	26°19'40	4♑23	20°32	2°46	16°33	17°44	4°52	11°46	26°21	21°54	18°55	17°21	27° 7	28°25	T 20
F 21	1 56 43	27°19'14	18°27	21°11	4° 1	16°56	17°37	4°49	11°46	26°24	21°53	18°53	17°18	27°14	28°22	F 21
S 22	2 0 40	28°18'51	2♒ 7	21°45	5°16	17°19	17°30	4°45	11°46	26°26	21°52	18°D53	17°15	27°21	28°20	S 22
S 23	2 4 36	29°18'28	15°25	22°14	6°31	17°41	17°23	4°42	11°45	26°28	21°51	18°54	17°12	27°27	28°18	S 23
M24	2 8 33	0♏18'08	28°23	22°37	7°46	18° 3	17°15	4°38	11°45	26°30	21°50	18°56	17° 9	27°34	28°15	M24
T 25	2 12 29	1°17'49	11♓ 4	22°53	9° 1	18°24	17° 8	4°35	11°45	26°33	21°49	18°57	17° 6	27°41	28°13	T 25
W26	2 16 26	2°17'32	23°32	23° 2	10°16	18°45	17° 0	4°31	11°44	26°35	21°48	18°R57	17° 2	27°47	28°11	W26
T 27	2 20 22	3°17'17	5♈49	23°R 4	11°31	19° 6	16°52	4°27	11°44	26°37	21°47	18°55	16°59	27°54	28° 9	T 27
F 28	2 24 19	4°17'03	17°57	22°58	12°46	19°25	16°44	4°23	11°43	26°39	21°46	18°52	16°56	28° 1	28° 7	F 28
S 29	2 28 15	5°16'52	29°59	22°43	14° 1	19°45	16°37	4°20	11°43	26°41	21°44	18°46	16°53	28° 8	28° 5	S 29
S 30	2 32 12	6°16'42	11♉56	22°19	15°16	20° 4	16°29	4°16	11°42	26°44	21°43	18°38	16°50	28°14	28° 3	S 30
M31	2 36 8	7♏16'35	23♉50	21♏46	16♏31	20♋22	16♉21	4♊12	11♋41	26♎46	21♉42	18♓28	16♓47	28♉21	28♓ 1	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 0	10n51	2n46	12s39	1s29	2s23	1n18	23n24	0n13	16n20	1s20	19n 7	2s 9	23n14	0n19	8s23	1n38	3n32	15s15	4s 8	4s36	23n35	3n 9	3n46
S 2	3 23	16 2	3 38	13 15	1 36	2 53	1 17	23 23	0 15	16 18	1 20	19 6	2 9	23 14	0 19	8 24	1 38	3 32	15 15	4 9	4 37	23 37	3 8	3 46
M 3	3 47	20 33	4 20	13 50	1 43	3 23	1 16	23 23	0 16	16 17	1 20	19 6	2 9	23 14	0 19	8 25	1 38	3 31	15 15	4 11	4 38	23 39	3 7	3 46
T 4	4 10	24 13	4 51	14 24	1 50	3 54	1 15	23 23	0 18	16 16	1 20	19 5	2 10	23 14	0 19	8 26	1 38	3 31	15 16	4 12	4 40	23 41	3 6	3 46
W 5	4 33	26 52	5 9	14 57	1 57	4 24	1 14	23 22	0 19	16 14	1 21	19 5	2 10	23 14	0 19	8 27	1 38	3 31	15 16	4 13	4 41	23 43	3 4	3 46
T 6	4 56	28 20	5 14	15 29	2 4	4 54	1 13	23 21	0 21	16 13	1 21	19 4	2 10	23 14	0 19	8 27	1 38	3 30	15 16	4 14	4 42	23 45	3 3	3 46
F 7	5 19	28 29	5 5	16 0	2 11	5 24	1 12	23 21	0 22	16 11	1 21	19 4	2 10	23 14	0 19	8 28	1 38	3 30	15 16	4 15	4 43	23 47	3 2	3 46
S 8	5 42	27 16	4 43	16 31	2 17	5 53	1 10	23 20	0 24	16 10	1 21	19 3	2 10	23 14	0 19	8 29	1 38	3 29	15 16	4 15	4 45	23 49	3 1	3 46
S 9	6 5	24 42	4 7	17 0	2 23	6 23	1 9	23 19	0 26	16 8	1 21	19 3	2 10	23 14	0 19	8 30	1 38	3 29	15 16	4 15	4 46	23 51	3 0	3 45
M10	6 27	20 52	3 18	17 28	2 29	6 52	1 8	23 19	0 27	16 7	1 21	19 2	2 10	23 14	0 19	8 31	1 38	3 29	15 17	4 14	4 47	23 53	2 59	3 45
T 11	6 50	15 54	2 18	17 55	2 35	7 22	1 6	23 18	0 29	16 5	1 21	19 2	2 11	23 14	0 19	8 31	1 38	3 28	15 17	4 14	4 48	23 55	2 58	3 45
W12	7 13	10 2	1 8	18 21	2 41	7 51	1 5	23 17	0 31	16 3	1 21	19 1	2 11	23 14	0 19	8 32	1 38	3 28	15 17	4 13	4 50	23 57	2 56	3 45
T 13	7 35	3 29	0s 8	18 45	2 46	8 20	1 3	23 16	0 33	16 2	1 21	19 1	2 11	23 14	0 19	8 33	1 38	3 28	15 17	4 13	4 51	23 59	2 55	3 45
F 14	7 58	3s26	1 26	19 8	2 51	8 49	1 2	23 15	0 34	16 0	1 21	19 0	2 11	23 14	0 19	8 34	1 38	3 27	15 17	4 13	4 52	24 1	2 54	3 45
S 15	8 20	10 19	2 40	19 30	2 55	9 18	1 0	23 14	0 36	15 58	1 21	18 59	2 11	23 14	0 19	8 35	1 38	3 27	15 17	4 14	4 53	24 3	2 53	3 45
S 16	8 42	16 44	3 44	19 50	2 59	9 46	0 58	23 13	0 38	15 56	1 21	18 59	2 11	23 14	0 19	8 35	1 38	3 27	15 17	4 16	4 55	24 4	2 52	3 44
M17	9 4	22 9	4 32	20 9	3 2	10 14	0 56	23 12	0 40	15 54	1 21	18 58	2 11	23 14	0 19	8 36	1 38	3 26	15 18	4 18	4 56	24 6	2 51	3 44
T 18	9 26	26 6	5 2	20 26	3 5	10 43	0 55	23 11	0 42	15 52	1 22	18 58	2 11	23 14	0 19	8 37	1 38	3 26	15 18	4 20	4 57	24 8	2 50	3 44
W19	9 48	28 13	5 11	20 42	3 8	11 10	0 53	23 10	0 44	15 50	1 22	18 57	2 12	23 14	0 19	8 38	1 38	3 26	15 18	4 22	4 58	24 10	2 48	3 44
T 20	10 9	28 21	5 0	20 55	3 10	11 38	0 51	23 9	0 45	15 48	1 22	18 56	2 12	23 14	0 19	8 39	1 38	3 25	15 18	4 23	5 0	24 12	2 47	3 44
F 21	10 31	26 37	4 31	21 7	3 11	12 5	0 49	23 8	0 47	15 46	1 22	18 56	2 12	23 14	0 19	8 39	1 38	3 25	15 18	4 24	5 1	24 14	2 46	3 44
S 22	10 52	23 21	3 47	21 16	3 11	12 32	0 47	23 7	0 49	15 44	1 22	18 55	2 12	23 14	0 19	8 40	1 38	3 25	15 18	4 24	5 2	24 16	2 45	3 43
S 23	11 13	18 56	2 52	21 23	3 10	12 59	0 45	23 6	0 51	15 42	1 22	18 54	2 12	23 14	0 19	8 41	1 38	3 24	15 18	4 23	5 3	24 18	2 44	3 43
M24	11 34	13 44	1 49	21 27	3 9	13 25	0 43	23 5	0 53	15 40	1 22	18 53	2 12	23 14	0 19	8 42	1 38	3 24	15 18	4 23	5 4	24 20	2 43	3 43
T 25	11 55	8 4	0 43	21 29	3 6	13 51	0 41	23 5	0 55	15 38	1 22	18 53	2 12	23 14	0 19	8 43	1 38	3 23	15 18	4 22	5 6	24 21	2 42	3 43
W26	12 16	2 11	0n25	21 27	3 2	14 17	0 39	23 4	0 57	15 36	1 22	18 52	2 12	23 14	0 20	8 43	1 38	3 23	15 19	4 22	5 7	24 23	2 41	3 43
T 27	12 36	3n41	1 30	21 23	2 57	14 42	0 37	23 3	0 59	15 34	1 22	18 51	2 12	23 14	0 20	8 44	1 38	3 23	15 19	4 23	5 8	24 25	2 40	3 42
F 28	12 56	9 21	2 30	21 15	2 50	15 7	0 34	23 2	1 1	15 32	1 22	18 50	2 12	23 14	0 20	8 45	1 38	3 23	15 19	4 24	5 9	24 27	2 39	3 42
S 29	13 17	14 37	3 23	21 3	2 42	15 32	0 32	23 1	1 4	15 29	1 22	18 50	2 12	23 14	0 20	8 46	1 38	3 22	15 19	4 27	5 11	24 29	2 38	3 42
S 30	13 36	19 18	4 6	20 48	2 33	15 56	0 30	23 1	1 6	15 27	1 22	18 49	2 12	23 14	0 20	8 47	1 38	3 22	15 19	4 30	5 12	24 31	2 37	3 42
M31	13s56	23n13	4n38	20s28	2s21	16s19	0n28	23n 0	1n 8	15n25	1s22	18n48	2s12	23n14	0n20	8s47	1n38	3n22	15s19	4s33	5s13	24n32	2n36	3n42

Julian Day Number = 2494916.5, Delta T = 102.58 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'58, Lahiri = 25°30'59

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ASTRODIENST EPHEMERIS for the year 2118
geocentric

NOVEMBER 2118 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 5	8♏16'29	5♊42	21°R 4	17♏46	20♋40	16°R13	4°R 7	11°R41	26♎48	21°R41	18°R18	16♓43	28♉28	27°R59	T 1
W 2	2 44 2	9°16'26	17°33	20♏12	19° 2	20°58	16♉ 5	4♊ 3	11♋40	26°50	21♉40	18♓ 9	16°40	28°34	27♓57	W 2
T 3	2 47 58	10°16'24	29°27	19°13	20°17	21°15	15°57	3°59	11°39	26°52	21°39	18° 0	16°37	28°41	27°55	T 3
F 4	2 51 55	11°16'25	11♋27	18° 6	21°32	21°31	15°49	3°55	11°38	26°55	21°38	17°54	16°34	28°48	27°53	F 4
S 5	2 55 51	12°16'28	23°35	16°53	22°47	21°47	15°40	3°50	11°37	26°57	21°37	17°50	16°31	28°55	27°51	S 5
S 6	2 59 48	13°16'33	5♌56	15°36	24° 2	22° 2	15°32	3°46	11°36	26°59	21°36	17°48	16°27	29° 1	27°50	S 6
M 7	3 3 44	14°16'39	18°34	14°17	25°17	22°17	15°24	3°42	11°35	27° 1	21°35	17°D47	16°24	29° 8	27°48	M 7
T 8	3 7 41	15°16'48	1♍34	13° 0	26°32	22°31	15°16	3°37	11°34	27° 3	21°34	17°48	16°21	29°15	27°46	T 8
W 9	3 11 38	16°16'59	15° 0	11°45	27°47	22°44	15° 8	3°33	11°33	27° 5	21°32	17°R49	16°18	29°21	27°45	W 9
T 10	3 15 34	17°17'13	28°55	10°36	29° 2	22°57	15° 0	3°28	11°32	27° 8	21°31	17°48	16°15	29°28	27°43	T 10
F 11	3 19 31	18°17'28	13♎18	9°35	0♐17	23° 9	14°51	3°23	11°31	27°10	21°30	17°46	16°12	29°35	27°42	F 11
S 12	3 23 27	19°17'45	28° 8	8°43	1°32	23°21	14°43	3°19	11°30	27°12	21°29	17°41	16° 8	29°42	27°40	S 12
S 13	3 27 24	20°18'04	13♏17	8° 2	2°47	23°32	14°35	3°14	11°28	27°14	21°28	17°33	16° 5	29°48	27°39	S 13
M14	3 31 20	21°18'24	28°36	7°32	4° 2	23°42	14°27	3° 9	11°27	27°16	21°27	17°24	16° 2	29°55	27°37	M14
T 15	3 35 17	22°18'47	13♐54	7°14	5°17	23°52	14°19	3° 5	11°26	27°18	21°26	17°14	15°59	0♊ 2	27°36	T 15
W16	3 39 13	23°19'11	29° 0	7°D 7	6°32	24° 0	14°11	3° 0	11°24	27°20	21°25	17° 4	15°56	0° 8	27°35	W16
T 17	3 43 10	24°19'37	13♑43	7°12	7°47	24° 8	14° 3	2°55	11°23	27°22	21°23	16°56	15°53	0°15	27°34	T 17
F 18	3 47 7	25°20'04	28° 0	7°27	9° 2	24°16	13°55	2°50	11°21	27°24	21°22	16°51	15°49	0°22	27°32	F 18
S 19	3 51 3	26°20'32	11♒47	7°52	10°18	24°22	13°48	2°45	11°20	27°26	21°21	16°48	15°46	0°29	27°31	S 19
S 20	3 55 0	27°21'01	25° 7	8°26	11°33	24°28	13°40	2°40	11°18	27°28	21°20	16°D47	15°43	0°35	27°30	S 20
M21	3 58 56	28°21'32	8♓ 1	9° 8	12°48	24°33	13°32	2°36	11°16	27°30	21°19	16°47	15°40	0°42	27°29	M21
T 22	4 2 53	29°22'03	20°35	9°57	14° 3	24°38	13°25	2°31	11°15	27°32	21°18	16°R47	15°37	0°49	27°28	T 22
W23	4 6 49	0♐22'37	2♈54	10°52	15°18	24°41	13°17	2°26	11°13	27°34	21°17	16°46	15°33	0°56	27°27	W23
T 24	4 10 46	1°23'11	15° 1	11°52	16°33	24°44	13°10	2°21	11°11	27°36	21°16	16°43	15°30	1° 2	27°27	T 24
F 25	4 14 42	2°23'46	27° 0	12°58	17°48	24°46	13° 3	2°16	11° 9	27°38	21°15	16°36	15°27	1° 9	27°26	F 25
S 26	4 18 39	3°24'23	8♉55	14° 7	19° 3	24°48	12°55	2°11	11° 7	27°40	21°13	16°27	15°24	1°16	27°25	S 26
S 27	4 22 36	4°25'01	20°47	15°21	20°18	24°R48	12°48	2° 6	11° 5	27°42	21°12	16°15	15°21	1°22	27°24	S 27
M28	4 26 32	5°25'41	2♊39	16°37	21°33	24°48	12°41	2° 1	11° 4	27°44	21°11	16° 1	15°18	1°29	27°24	M28
T 29	4 30 29	6°26'22	14°32	17°55	22°48	24°46	12°35	1°56	11° 2	27°46	21°10	15°47	15°14	1°36	27°23	T 29
W30	4 34 25	7♐27'04	26♊28	19♏16	24♐ 3	24♋44	12♉28	1♊52	11♋ 0	27♎47	21♉ 9	15♓32	15♓11	1♊43	27♓23	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s15	26n 8	4n58	20s 4	2s 8	16s43	0n26	22n59	1n10	15n23	1s22	18n47	2s13	23n14	0n20	8s48	1n38	3n21	15s19	4s37	5s14	24n34	2n35	3n41
W 2	14 35	27 55	5 6	19 36	1 53	17 6	0 23	22 59	1 12	15 20	1 21	18 47	2 13	23 14	0 20	8 49	1 38	3 21	15 19	4 41	5 16	24 36	2 34	3 41
T 3	14 54	28 25	5 0	19 4	1 37	17 28	0 21	22 59	1 15	15 18	1 21	18 46	2 13	23 15	0 20	8 50	1 38	3 21	15 19	4 44	5 17	24 38	2 33	3 41
F 4	15 12	27 36	4 41	18 28	1 19	17 50	0 18	22 58	1 17	15 16	1 21	18 45	2 13	23 15	0 20	8 51	1 38	3 20	15 19	4 47	5 18	24 40	2 32	3 41
S 5	15 31	25 27	4 9	17 49	1 0	18 12	0 16	22 58	1 19	15 14	1 21	18 44	2 13	23 15	0 20	8 51	1 38	3 20	15 19	4 49	5 19	24 41	2 31	3 41
S 6	15 49	22 5	3 25	17 8	0 40	18 33	0 14	22 58	1 21	15 11	1 21	18 43	2 13	23 15	0 20	8 52	1 38	3 20	15 19	4 49	5 21	24 43	2 30	3 40
M 7	16 7	17 38	2 30	16 25	0 19	18 53	0 11	22 58	1 24	15 9	1 21	18 42	2 13	23 15	0 20	8 53	1 38	3 19	15 19	4 49	5 22	24 45	2 30	3 40
T 8	16 25	12 15	1 26	15 42	0n 2	19 13	0 9	22 58	1 26	15 7	1 21	18 41	2 13	23 15	0 20	8 54	1 38	3 19	15 19	4 49	5 23	24 47	2 29	3 40
W 9	16 42	6 8	0 15	15 0	0 22	19 33	0 6	22 58	1 29	15 4	1 21	18 41	2 13	23 15	0 20	8 54	1 38	3 19	15 19	4 49	5 24	24 48	2 28	3 40
T 10	16 59	0s28	0s59	14 20	0 41	19 52	0 4	22 58	1 31	15 2	1 21	18 40	2 13	23 15	0 20	8 55	1 38	3 19	15 19	4 49	5 25	24 50	2 27	3 40
F 11	17 16	7 16	2 12	13 44	1 0	20 10	0 2	22 59	1 33	15 0	1 21	18 39	2 13	23 15	0 20	8 56	1 38	3 18	15 19	4 50	5 27	24 52	2 26	3 39
S 12	17 32	13 53	3 17	13 12	1 16	20 28	0s 1	22 59	1 36	14 58	1 21	18 38	2 13	23 16	0 20	8 57	1 38	3 18	15 19	4 52	5 28	24 54	2 25	3 39
S 13	17 49	19 48	4 11	12 44	1 31	20 46	0 3	23 0	1 38	14 55	1 20	18 37	2 13	23 16	0 20	8 57	1 38	3 18	15 19	4 55	5 29	24 55	2 25	3 39
M14	18 5	24 30	4 47	12 22	1 44	21 2	0 6	23 0	1 41	14 53	1 20	18 36	2 13	23 16	0 20	8 58	1 38	3 18	15 19	4 59	5 30	24 57	2 24	3 39
T 15	18 20	27 27	5 2	12 6	1 55	21 18	0 8	23 1	1 44	14 51	1 20	18 35	2 13	23 16	0 20	8 59	1 38	3 17	15 19	5 3	5 32	24 59	2 23	3 38
W16	18 36	28 22	4 56	11 55	2 4	21 34	0 11	23 2	1 46	14 49	1 20	18 34	2 13	23 16	0 20	8 59	1 38	3 17	15 19	5 6	5 33	25 0	2 22	3 38
T 17	18 51	27 12	4 31	11 50	2 12	21 49	0 13	23 3	1 49	14 47	1 20	18 34	2 13	23 16	0 20	9 0	1 38	3 17	15 19	5 9	5 34	25 2	2 22	3 38
F 18	19 5	24 17	3 49	11 50	2 17	22 3	0 16	23 5	1 51	14 44	1 20	18 33	2 13	23 16	0 20	9 1	1 38	3 17	15 19	5 11	5 35	25 4	2 21	3 38
S 19	19 19	20 2	2 54	11 54	2 21	22 17	0 18	23 6	1 54	14 42	1 20	18 32	2 13	23 17	0 20	9 2	1 38	3 16	15 19	5 13	5 37	25 5	2 20	3 37
S 20	19 33	14 55	1 52	12 2	2 23	22 30	0 21	23 8	1 57	14 40	1 19	18 31	2 13	23 17	0 20	9 2	1 38	3 16	15 19	5 13	5 38	25 7	2 20	3 37
M21	19 47	9 16	0 46	12 15	2 24	22 42	0 23	23 10	2 0	14 38	1 19	18 30	2 13	23 17	0 20	9 3	1 38	3 16	15 19	5 13	5 39	25 9	2 19	3 37
T 22	20 0	3 25	0n20	12 30	2 24	22 54	0 26	23 11	2 2	14 36	1 19	18 29	2 13	23 17	0 20	9 4	1 38	3 16	15 19	5 13	5 40	25 10	2 19	3 37
W23	20 13	2n26	1 24	12 49	2 23	23 5	0 28	23 14	2 5	14 34	1 19	18 28	2 12	23 17	0 20	9 4	1 38	3 16	15 19	5 13	5 41	25 12	2 18	3 36
T 24	20 26	8 7	2 23	13 9	2 21	23 15	0 30	23 16	2 8	14 32	1 19	18 27	2 12	23 17	0 20	9 5	1 39	3 15	15 19	5 15	5 43	25 14	2 17	3 36
F 25	20 38	13 26	3 16	13 32	2 18	23 25	0 33	23 18	2 11	14 30	1 19	18 26	2 12	23 18	0 20	9 6	1 39	3 15	15 18	5 17	5 44	25 15	2 17	3 36
S 26	20 49	18 13	3 58	13 56	2 14	23 34	0 35	23 21	2 14	14 28	1 18	18 26	2 12	23 18	0 20	9 6	1 39	3 15	15 18	5 21	5 45	25 17	2 16	3 36
S 27	21 1	22 17	4 31	14 22	2 10	23 42	0 38	23 23	2 16	14 26	1 18	18 25	2 12	23 18	0 20	9 7	1 39	3 15	15 18	5 25	5 46	25 19	2 16	3 35
M28	21 12	25 26	4 51	14 48	2 5	23 49	0 40	23 26	2 19	14 24	1 18	18 24	2 12	23 18	0 20	9 7	1 39	3 15	15 18	5 31	5 48	25 20	2 15	3 35
T 29	21 22	27 29	4 59	15 15	1 59	23 56	0 42	23 29	2 22	14 22	1 18	18 23	2 12	23 18	0 20	9 8	1 39	3 15	15 18	5 36	5 49	25 22	2 15	3 35
W30	21s32	28n17	4n54	15s43	1n54	24s 2	0s45	23n33	2n25	14n20	1s18	18n22	2s12	23n19	0n20	9s 9	1n39	3n14	15s18	5s42	5s50	25n23	2n14	3n35

Julian Day Number = 2494947.5, Delta T = 102.63 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'02, Lahiri = 25°31'03

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ASTRODIENST EPHEMERIS for the year 2118
geocentric

DECEMBER 2118 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 22	8♐27'48	8♋27	20♏39	25♐18	24°R41	12°R21	1°R47	10°R58	27♎49	21°R 8	15°R19	15♓ 8	1♊49	27°R22	T 1
F 2	4 42 18	9°28'33	20°31	22° 4	26°33	24♋38	12♉15	1♊42	10♋55	27°51	21♉ 7	15♓ 9	15° 5	1°56	27♓22	F 2
S 3	4 46 15	10°29'19	2♌43	23°29	27°48	24°33	12° 8	1°37	10°53	27°53	21° 6	15° 1	15° 2	2° 3	27°21	S 3
S 4	4 50 11	11°30'07	15° 6	24°56	29° 3	24°28	12° 2	1°32	10°51	27°55	21° 5	14°56	14°59	2° 9	27°21	S 4
M 5	4 54 8	12°30'56	27°43	26°24	0♑18	24°21	11°56	1°27	10°49	27°56	21° 4	14°54	14°55	2°16	27°21	M 5
T 6	4 58 5	13°31'47	10♍38	27°53	1°33	24°14	11°50	1°23	10°47	27°58	21° 3	14°54	14°52	2°23	27°21	T 6
W 7	5 2 1	14°32'39	23°55	29°22	2°48	24° 6	11°45	1°18	10°45	28° 0	21° 2	14°54	14°49	2°30	27°21	W 7
T 8	5 5 58	15°33'32	7♎38	0♐52	4° 3	23°57	11°39	1°13	10°42	28° 1	21° 1	14°53	14°46	2°36	27°20	T 8
F 9	5 9 54	16°34'27	21°48	2°22	5°18	23°47	11°34	1° 9	10°40	28° 3	21° 0	14°50	14°43	2°43	27°D20	F 9
S 10	5 13 51	17°35'23	6♏25	3°53	6°33	23°37	11°29	1° 4	10°38	28° 5	20°59	14°44	14°39	2°50	27°20	S 10
S 11	5 17 47	18°36'20	21°24	5°24	7°48	23°25	11°24	0°59	10°36	28° 6	20°58	14°35	14°36	2°56	27°21	S 11
M12	5 21 44	19°37'19	6♐39	6°56	9° 3	23°13	11°19	0°55	10°33	28° 8	20°57	14°24	14°33	3° 3	27°21	M12
T 13	5 25 40	20°38'18	21°57	8°27	10°18	23° 0	11°14	0°50	10°31	28° 9	20°56	14°12	14°30	3°10	27°21	T 13
W14	5 29 37	21°39'19	7♑ 8	9°59	11°33	22°46	11° 9	0°46	10°28	28°11	20°55	14° 1	14°27	3°17	27°21	W14
T 15	5 33 34	22°40'20	22° 2	11°31	12°48	22°31	11° 5	0°42	10°26	28°12	20°54	13°51	14°24	3°23	27°22	T 15
F 16	5 37 30	23°41'22	6♒29	13° 4	14° 3	22°16	11° 1	0°37	10°24	28°14	20°53	13°44	14°20	3°30	27°22	F 16
S 17	5 41 27	24°42'24	20°27	14°36	15°18	21°59	10°57	0°33	10°21	28°15	20°52	13°40	14°17	3°37	27°22	S 17
S 18	5 45 23	25°43'26	3♓55	16° 9	16°33	21°43	10°53	0°29	10°19	28°17	20°51	13°38	14°14	3°44	27°23	S 18
M19	5 49 20	26°44'29	16°55	17°41	17°48	21°25	10°50	0°25	10°16	28°18	20°50	13°D38	14°11	3°50	27°23	M19
T 20	5 53 16	27°45'33	29°31	19°14	19° 3	21° 6	10°46	0°21	10°14	28°19	20°49	13°R38	14° 8	3°57	27°24	T 20
W21	5 57 13	28°46'36	11♈49	20°47	20°18	20°48	10°43	0°17	10°11	28°21	20°49	13°37	14° 5	4° 4	27°25	W21
T 22	6 1 9	29°47'41	23°54	22°20	21°33	20°28	10°40	0°13	10° 9	28°22	20°48	13°35	14° 1	4°10	27°25	T 22
F 23	6 5 6	0♑48'45	5♉50	23°54	22°48	20° 8	10°38	0° 9	10° 6	28°23	20°47	13°29	13°58	4°17	27°26	F 23
S 24	6 9 3	1°49'50	17°41	25°27	24° 3	19°47	10°35	0° 5	10° 4	28°25	20°46	13°21	13°55	4°24	27°27	S 24
S 25	6 12 59	2°50'55	29°32	27° 1	25°17	19°26	10°33	0° 1	10° 1	28°26	20°45	13°11	13°52	4°31	27°28	S 25
M26	6 16 56	3°52'00	11♊25	28°35	26°32	19° 4	10°30	29♉58	9°58	28°27	20°45	12°58	13°49	4°37	27°29	M26
T 27	6 20 52	4°53'06	23°22	0♑ 9	27°47	18°42	10°28	29°54	9°56	28°28	20°44	12°44	13°45	4°44	27°30	T 27
W28	6 24 49	5°54'12	5♋24	1°43	29° 2	18°20	10°27	29°51	9°53	28°29	20°43	12°31	13°42	4°51	27°31	W28
T 29	6 28 45	6°55'18	17°32	3°18	0♒17	17°57	10°25	29°47	9°51	28°30	20°42	12°19	13°39	4°58	27°32	T 29
F 30	6 32 42	7°56'25	29°48	4°53	1°32	17°34	10°24	29°44	9°48	28°31	20°42	12° 9	13°36	5° 4	27°33	F 30
S 31	6 36 39	8♑57'32	12♌12	6♑28	2♒46	17♋10	10♉23	29♉41	9♋46	28♎32	20♉41	12♓ 3	13♓33	5♊11	27♓34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s42	27n45	4n36	16s11	1n47	24s 7	0s47	23n36	2n28	14n18	1s17	18n21	2s12	23n19	0n20	9s 9	1n39	3n14	15s18	5s47	5s51	25n25	2n14	3n34
F 2	21 52	25 54	4 5	16 39	1 41	24 12	0 49	23 40	2 31	14 17	1 17	18 20	2 12	23 19	0 20	9 10	1 39	3 14	15 18	5 51	5 52	25 27	2 14	3 34
S 3	22 0	22 50	3 23	17 7	1 34	24 16	0 51	23 43	2 34	14 15	1 17	18 19	2 12	23 19	0 20	9 11	1 39	3 14	15 18	5 54	5 54	25 28	2 13	3 34
S 4	22 9	18 41	2 30	17 34	1 28	24 19	0 54	23 47	2 37	14 13	1 17	18 19	2 12	23 19	0 20	9 11	1 39	3 14	15 17	5 56	5 55	25 30	2 13	3 34
M 5	22 17	13 40	1 29	18 2	1 21	24 21	0 56	23 51	2 40	14 12	1 16	18 18	2 11	23 19	0 20	9 12	1 39	3 14	15 17	5 57	5 56	25 31	2 13	3 33
T 6	22 25	7 55	0 23	18 29	1 13	24 23	0 58	23 55	2 43	14 10	1 16	18 17	2 11	23 20	0 20	9 12	1 39	3 14	15 17	5 57	5 57	25 33	2 12	3 33
W 7	22 32	1 41	0s47	18 56	1 6	24 24	1 0	24 0	2 45	14 9	1 16	18 16	2 11	23 20	0 20	9 13	1 39	3 14	15 17	5 57	5 59	25 34	2 12	3 33
T 8	22 39	4s49	1 57	19 21	0 59	24 24	1 2	24 4	2 48	14 7	1 16	18 15	2 11	23 20	0 20	9 13	1 39	3 14	15 17	5 57	6 0	25 36	2 12	3 33
F 9	22 45	11 18	3 1	19 47	0 52	24 23	1 4	24 9	2 51	14 6	1 15	18 15	2 11	23 20	0 20	9 14	1 39	3 13	15 17	5 58	6 1	25 38	2 11	3 32
S 10	22 51	17 22	3 56	20 11	0 44	24 22	1 6	24 13	2 54	14 5	1 15	18 14	2 11	23 20	0 21	9 14	1 39	3 13	15 17	6 1	6 2	25 39	2 11	3 32
S 11	22 56	22 32	4 36	20 35	0 37	24 20	1 8	24 18	2 57	14 3	1 15	18 13	2 11	23 21	0 21	9 15	1 39	3 13	15 16	6 4	6 4	25 41	2 11	3 32
M12	23 1	26 17	4 57	20 58	0 30	24 17	1 10	24 23	3 0	14 2	1 15	18 12	2 10	23 21	0 21	9 15	1 39	3 13	15 16	6 8	6 5	25 42	2 11	3 31
T 13	23 6	28 8	4 57	21 20	0 22	24 13	1 12	24 28	3 3	14 1	1 14	18 11	2 10	23 21	0 21	9 16	1 39	3 13	15 16	6 13	6 6	25 44	2 11	3 31
W14	23 10	27 50	4 36	21 41	0 15	24 9	1 14	24 33	3 6	14 0	1 14	18 11	2 10	23 21	0 21	9 16	1 39	3 13	15 16	6 17	6 7	25 45	2 10	3 31
T 15	23 13	25 31	3 57	22 1	0 8	24 4	1 15	24 39	3 8	13 59	1 14	18 10	2 10	23 22	0 21	9 17	1 39	3 13	15 16	6 21	6 8	25 47	2 10	3 31
F 16	23 17	21 35	3 3	22 20	0 1	23 58	1 17	24 44	3 11	13 58	1 14	18 9	2 10	23 22	0 21	9 17	1 39	3 13	15 15	6 24	6 10	25 48	2 10	3 30
S 17	23 19	16 33	1 59	22 38	0s 6	23 51	1 19	24 49	3 14	13 57	1 13	18 9	2 10	23 22	0 21	9 18	1 40	3 13	15 15	6 25	6 11	25 50	2 10	3 30
S 18	23 21	10 52	0 51	22 55	0 13	23 44	1 20	24 55	3 17	13 56	1 13	18 8	2 9	23 22	0 21	9 18	1 40	3 13	15 15	6 26	6 12	25 51	2 10	3 30
M19	23 23	4 54	0n17	23 11	0 20	23 36	1 22	25 0	3 19	13 55	1 13	18 7	2 9	23 22	0 21	9 19	1 40	3 13	15 15	6 26	6 13	25 52	2 10	3 30
T 20	23 24	1n 5	1 23	23 26	0 26	23 27	1 23	25 6	3 22	13 54	1 12	18 6	2 9	23 23	0 21	9 19	1 40	3 13	15 15	6 26	6 15	25 54	2 10	3 29
W21	23 25	6 52	2 23	23 39	0 33	23 18	1 25	25 11	3 24	13 53	1 12	18 6	2 9	23 23	0 21	9 20	1 40	3 13	15 14	6 26	6 16	25 55	2 10	3 29
T 22	23 26	12 18	3 16	23 52	0 39	23 7	1 26	25 16	3 27	13 53	1 12	18 5	2 9	23 23	0 21	9 20	1 40	3 13	15 14	6 27	6 17	25 57	2 10	3 29
F 23	23 25	17 13	3 59	24 3	0 46	22 56	1 28	25 22	3 29	13 52	1 12	18 5	2 8	23 23	0 21	9 20	1 40	3 13	15 14	6 29	6 18	25 58	2 10	3 29
S 24	23 25	21 27	4 32	24 13	0 52	22 45	1 29	25 27	3 32	13 52	1 11	18 4	2 8	23 23	0 21	9 21	1 40	3 13	15 14	6 32	6 19	26 0	2 10	3 28
S 25	23 24	24 48	4 53	24 21	0 58	22 33	1 30	25 33	3 34	13 51	1 11	18 3	2 8	23 24	0 21	9 21	1 40	3 13	15 13	6 36	6 21	26 1	2 11	3 28
M26	23 22	27 6	5 1	24 29	1 4	22 20	1 31	25 38	3 36	13 51	1 11	18 3	2 8	23 24	0 21	9 22	1 40	3 13	15 13	6 41	6 22	26 3	2 11	3 28
T 27	23 20	28 11	4 56	24 35	1 9	22 6	1 32	25 43	3 38	13 50	1 10	18 2	2 8	23 24	0 21	9 22	1 40	3 13	15 13	6 46	6 23	26 4	2 11	3 28
W28	23 18	27 57	4 38	24 39	1 15	21 52	1 33	25 48	3 40	13 50	1 10	18 2	2 7	23 24	0 21	9 22	1 40	3 13	15 13	6 52	6 24	26 5	2 11	3 27
T 29	23 15	26 21	4 7	24 43	1 20	21 37	1 34	25 53	3 42	13 50	1 10	18 1	2 7	23 24	0 21	9 23	1 40	3 13	15 13	6 56	6 26	26 7	2 11	3 27
F 30	23 11	23 31	3 24	24 45	1 25	21 21	1 35	25 58	3 44	13 50	1 9	18 1	2 7	23 25	0 21	9 23	1 40	3 13	15 12	7 0	6 27	26 8	2 11	3 27
S 31	23s 7	19n33	2n31	24s46	1s30	21s 5	1s36	26n 3	3n46	13n50	1s 9	18n 0	2s 7	23n25	0n21	9s23	1n40	3n13	15s12	7s 2	6s28	26n 9	2n12	3n27

Julian Day Number = 2494977.5, Delta T = 102.67 sec
Ecliptic obliquity = 23°25'34, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'06, Lahiri = 25°31'07

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ASTRODIENST EPHEMERIS for the year 2119
geocentric

JANUARY 2119 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 40 35	9♉58'40	24♌46	8♉ 3	4♒ 1	16°R47	10°R22	29°R38	9°R43	28♎33	20°R40	11°R59	13♓30	5♊18	27♓36	S 1
M 2	6 44 32	10°59'47	7♍31	9°39	5°16	16♋23	10♉21	29♉35	9♋40	28°34	20♉39	11°D57	13°26	5°24	27°37	M 2
T 3	6 48 28	12° 0'55	20°31	11°15	6°31	15°59	10°21	29°32	9°38	28°35	20°39	11♓57	13°23	5°31	27°38	T 3
W 4	6 52 25	13° 2'04	3♎48	12°51	7°45	15°35	10°20	29°29	9°35	28°36	20°38	11°58	13°20	5°38	27°40	W 4
T 5	6 56 21	14° 3'13	17°24	14°28	9° 0	15°11	10°D20	29°26	9°33	28°37	20°38	11°R58	13°17	5°45	27°41	T 5
F 6	7 0 18	15° 4'22	1♏22	16° 5	10°15	14°47	10°20	29°23	9°30	28°38	20°37	11°57	13°14	5°51	27°43	F 6
S 7	7 4 14	16° 5'32	15°41	17°42	11°29	14°24	10°21	29°21	9°27	28°39	20°36	11°53	13°11	5°58	27°44	S 7
S 8	7 8 11	17° 6'42	0♐19	19°20	12°44	14° 0	10°21	29°18	9°25	28°39	20°36	11°48	13° 7	6° 5	27°46	S 8
M 9	7 12 8	18° 7'52	15°12	20°58	13°59	13°36	10°22	29°16	9°22	28°40	20°35	11°40	13° 4	6°11	27°47	M 9
T 10	7 16 4	19° 9'02	0♑11	22°37	15°13	13°13	10°23	29°14	9°20	28°41	20°35	11°31	13° 1	6°18	27°49	T 10
W11	7 20 1	20°10'12	15° 8	24°16	16°28	12°50	10°24	29°11	9°17	28°42	20°34	11°23	12°58	6°25	27°51	W11
T 12	7 23 57	21°11'22	29°54	25°55	17°43	12°27	10°25	29° 9	9°15	28°42	20°34	11°16	12°55	6°32	27°53	T 12
F 13	7 27 54	22°12'32	14♒20	27°34	18°57	12° 5	10°27	29° 7	9°12	28°43	20°33	11°10	12°51	6°38	27°55	F 13
S 14	7 31 50	23°13'41	28°20	29°15	20°12	11°43	10°29	29° 5	9°10	28°43	20°33	11° 8	12°48	6°45	27°57	S 14
S 15	7 35 47	24°14'50	11♓54	0♒55	21°26	11°22	10°31	29° 4	9° 7	28°44	20°32	11°D 7	12°45	6°52	27°59	S 15
M16	7 39 43	25°15'58	25° 1	2°36	22°41	11° 1	10°33	29° 2	9° 5	28°44	20°32	11° 7	12°42	6°59	28° 1	M16
T 17	7 43 40	26°17'05	7♈44	4°17	23°55	10°40	10°35	29° 0	9° 2	28°45	20°32	11° 9	12°39	7° 5	28° 3	T 17
W18	7 47 37	27°18'12	20° 7	5°58	25° 9	10°21	10°38	28°59	9° 0	28°45	20°31	11°10	12°36	7°12	28° 5	W18
T 19	7 51 33	28°19'18	2♉14	7°39	26°24	10° 1	10°41	28°58	8°58	28°46	20°31	11°R10	12°32	7°19	28° 7	T 19
F 20	7 55 30	29°20'23	14°11	9°21	27°38	9°43	10°44	28°56	8°55	28°46	20°31	11° 9	12°29	7°25	28° 9	F 20
S 21	7 59 26	0♒21'28	26° 4	11° 2	28°52	9°25	10°47	28°55	8°53	28°46	20°30	11° 6	12°26	7°32	28°11	S 21
S 22	8 3 23	1°22'31	7♊55	12°43	0♓ 7	9° 7	10°50	28°54	8°50	28°47	20°30	11° 0	12°23	7°39	28°14	S 22
M23	8 7 19	2°23'34	19°49	14°25	1°21	8°51	10°54	28°54	8°48	28°47	20°30	10°54	12°20	7°46	28°16	M23
T 24	8 11 16	3°24'37	1♋50	16° 5	2°35	8°35	10°58	28°53	8°46	28°47	20°30	10°47	12°17	7°52	28°18	T 24
W25	8 15 13	4°25'38	13°59	17°46	3°49	8°20	11° 2	28°52	8°44	28°47	20°29	10°40	12°13	7°59	28°21	W25
T 26	8 19 9	5°26'39	26°18	19°25	5° 3	8° 5	11° 6	28°52	8°41	28°48	20°29	10°33	12°10	8° 6	28°23	T 26
F 27	8 23 6	6°27'38	8♌49	21° 3	6°17	7°52	11°10	28°51	8°39	28°48	20°29	10°28	12° 7	8°12	28°26	F 27
S 28	8 27 2	7°28'37	21°30	22°40	7°32	7°39	11°15	28°51	8°37	28°48	20°29	10°25	12° 4	8°19	28°28	S 28
S 29	8 30 59	8°29'35	4♍24	24°16	8°46	7°27	11°19	28°51	8°35	28°48	20°29	10°D23	12° 1	8°26	28°31	S 29
M30	8 34 55	9°30'33	17°29	25°49	9°59	7°16	11°24	28°D50	8°33	28°R48	20°29	10°23	11°57	8°33	28°33	M30
T 31	8 38 52	10♒31'29	0♎47	27♒19	11♓13	7♋ 5	11♉29	28♉50	8♋31	28♎48	20♉28	10♓25	11♓54	8♊39	28♓36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 3	14n41	1n30	24s45	1s34	20s49	1s37	26n 8	3n47	13n50	1s 9	18n 0	2s 7	23n25	0n21	9s24	1n40	3n14	15s12	7s 4	6s29	26n11	2n12	3n26
M 2	22 58	9 7	0 24	24 43	1 38	20 31	1 38	26 12	3 49	13 50	1 9	18 0	2 6	23 25	0 21	9 24	1 40	3 14	15 11	7 5	6 30	26 12	2 12	3 26
T 3	22 53	3 3	0s46	24 39	1 43	20 13	1 38	26 17	3 50	13 50	1 8	17 59	2 6	23 25	0 21	9 24	1 40	3 14	15 11	7 4	6 32	26 14	2 13	3 26
W 4	22 47	3s15	1 54	24 34	1 46	19 55	1 39	26 21	3 52	13 50	1 8	17 59	2 6	23 26	0 21	9 24	1 40	3 14	15 11	7 4	6 33	26 15	2 13	3 26
T 5	22 41	9 34	2 58	24 28	1 50	19 36	1 39	26 25	3 53	13 50	1 8	17 58	2 6	23 26	0 21	9 25	1 41	3 14	15 11	7 4	6 34	26 16	2 13	3 25
F 6	22 34	15 34	3 53	24 20	1 53	19 16	1 40	26 29	3 54	13 51	1 7	17 58	2 5	23 26	0 21	9 25	1 41	3 14	15 10	7 5	6 35	26 18	2 14	3 25
S 7	22 27	20 54	4 34	24 10	1 56	18 56	1 40	26 33	3 55	13 51	1 7	17 58	2 5	23 26	0 21	9 25	1 41	3 14	15 10	7 6	6 36	26 19	2 14	3 25
S 8	22 20	25 5	4 59	23 59	1 59	18 35	1 40	26 36	3 56	13 52	1 7	17 57	2 5	23 26	0 21	9 25	1 41	3 14	15 10	7 8	6 38	26 20	2 14	3 25
M 9	22 12	27 39	5 5	23 47	2 1	18 14	1 41	26 40	3 57	13 52	1 6	17 57	2 5	23 27	0 21	9 26	1 41	3 14	15 9	7 11	6 39	26 22	2 15	3 24
T 10	22 4	28 15	4 50	23 33	2 3	17 52	1 41	26 43	3 58	13 53	1 6	17 57	2 4	23 27	0 21	9 26	1 41	3 15	15 9	7 14	6 40	26 23	2 15	3 24
W11	21 55	26 47	4 15	23 18	2 4	17 30	1 41	26 46	3 58	13 53	1 6	17 57	2 4	23 27	0 21	9 26	1 41	3 15	15 9	7 18	6 41	26 24	2 16	3 24
T 12	21 45	23 28	3 23	23 1	2 6	17 7	1 41	26 49	3 59	13 54	1 6	17 57	2 4	23 27	0 21	9 26	1 41	3 15	15 9	7 20	6 43	26 25	2 16	3 24
F 13	21 36	18 44	2 19	22 42	2 7	16 44	1 41	26 51	3 59	13 55	1 5	17 56	2 4	23 27	0 21	9 26	1 41	3 15	15 8	7 22	6 44	26 27	2 17	3 23
S 14	21 26	13 7	1 8	22 22	2 7	16 20	1 40	26 53	4 0	13 56	1 5	17 56	2 3	23 27	0 21	9 26	1 41	3 15	15 8	7 23	6 45	26 28	2 17	3 23
S 15	21 15	7 2	0n 4	22 0	2 7	15 56	1 40	26 56	4 0	13 57	1 5	17 56	2 3	23 28	0 21	9 26	1 41	3 16	15 8	7 24	6 46	26 29	2 18	3 23
M16	21 4	0 50	1 14	21 37	2 6	15 31	1 40	26 58	4 0	13 58	1 4	17 56	2 3	23 28	0 21	9 27	1 41	3 16	15 7	7 23	6 47	26 30	2 19	3 23
T 17	20 53	5n11	2 19	21 13	2 5	15 6	1 39	26 59	4 0	13 59	1 4	17 56	2 2	23 28	0 21	9 27	1 41	3 16	15 7	7 23	6 49	26 32	2 19	3 23
W18	20 41	10 52	3 15	20 46	2 4	14 41	1 39	27 1	4 0	14 0	1 4	17 56	2 2	23 28	0 21	9 27	1 41	3 16	15 7	7 22	6 50	26 33	2 20	3 22
T 19	20 29	16 1	4 1	20 19	2 2	14 15	1 38	27 2	4 0	14 1	1 3	17 56	2 2	23 28	0 21	9 27	1 41	3 16	15 6	7 22	6 51	26 34	2 20	3 22
F 20	20 17	20 29	4 36	19 50	2 0	13 49	1 38	27 3	4 0	14 2	1 3	17 56	2 2	23 28	0 21	9 27	1 41	3 17	15 6	7 23	6 52	26 35	2 21	3 22
S 21	20 4	24 6	4 59	19 19	1 56	13 23	1 37	27 4	3 59	14 3	1 3	17 56	2 1	23 29	0 21	9 27	1 41	3 17	15 6	7 24	6 53	26 37	2 22	3 22
S 22	19 51	26 42	5 9	18 47	1 53	12 56	1 36	27 5	3 59	14 5	1 3	17 56	2 1	23 29	0 21	9 27	1 42	3 17	15 5	7 26	6 55	26 38	2 23	3 21
M23	19 37	28 7	5 6	18 14	1 48	12 28	1 35	27 6	3 59	14 6	1 2	17 56	2 1	23 29	0 21	9 27	1 42	3 17	15 5	7 28	6 56	26 39	2 23	3 21
T 24	19 23	28 14	4 49	17 39	1 43	12 1	1 34	27 6	3 58	14 7	1 2	17 56	2 1	23 29	0 21	9 27	1 42	3 18	15 5	7 31	6 57	26 40	2 24	3 21
W25	19 9	26 59	4 19	17 3	1 38	11 33	1 33	27 7	3 57	14 9	1 2	17 56	2 0	23 29	0 21	9 27	1 42	3 18	15 5	7 34	6 58	26 41	2 25	3 21
T 26	18 54	24 26	3 37	16 26	1 31	11 5	1 32	27 7	3 57	14 11	1 1	17 56	2 0	23 29	0 21	9 27	1 42	3 18	15 4	7 36	7 0	26 43	2 26	3 21
F 27	18 39	20 41	2 44	15 48	1 24	10 37	1 31	27 7	3 56	14 12	1 1	17 57	2 0	23 30	0 21	9 27	1 42	3 18	15 4	7 38	7 1	26 44	2 26	3 20
S 28	18 23	15 55	1 41	15 9	1 16	10 8	1 30	27 7	3 55	14 14	1 1	17 57	1 59	23 30	0 21	9 27	1 42	3 19	15 4	7 40	7 2	26 45	2 27	3 20
S 29	18 8	10 24	0 33	14 30	1 8	9 39	1 29	27 7	3 54	14 16	1 1	17 57	1 59	23 30	0 21	9 27	1 42	3 19	15 3	7 40	7 3	26 46	2 28	3 20
M30	17 52	4 21	0s39	13 49	0 58	9 10	1 27	27 7	3 53	14 17	1 0	17 57	1 59	23 30	0 21	9 27	1 42	3 19	15 3	7 40	7 4	26 47	2 29	3 20
T 31	17s35	1s59	1s49	13s 9	0s48	8s40	1s26	27n 6	3n52	14n19	1s 0	17n58	1s59	23n30	0n21	9s27	1n42	3n20	15s 3	7s40	7s 6	26n48	2n30	3n20

Julian Day Number = 2495008.5, Delta T = 102.72 sec
Ecliptic obliquity = 23°25'34, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'11, Lahiri = 25°31'11

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ASTRODIENST EPHEMERIS for the year 2119
geocentric

FEBRUARY 2119 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 42 48	11♒32'25	14♎17	28♒47	12♓27	6°R55	11♉35	28♉51	8°R29	28°R48	20°R28	10♓26	11♓51	8♊46	28♓39	W 1
T 2	8 46 45	12°33'21	28° 0	0♓10	13°41	6♋46	11°40	28°51	8♋27	28♎48	20♉28	10°28	11°48	8°53	28°41	T 2
F 3	8 50 41	13°34'15	11♏56	1°30	14°55	6°38	11°46	28°51	8°25	28°48	20°28	10°R28	11°45	9° 0	28°44	F 3
S 4	8 54 38	14°35'09	26° 4	2°44	16° 9	6°31	11°51	28°52	8°23	28°47	20°D28	10°28	11°42	9° 6	28°47	S 4
S 5	8 58 35	15°36'03	10♐24	3°52	17°22	6°25	11°57	28°52	8°21	28°47	20°28	10°26	11°38	9°13	28°50	S 5
M 6	9 2 31	16°36'55	24°51	4°54	18°36	6°19	12° 3	28°53	8°19	28°47	20°28	10°24	11°35	9°20	28°53	M 6
T 7	9 6 28	17°37'47	9♑22	5°49	19°49	6°14	12°10	28°54	8°17	28°47	20°28	10°20	11°32	9°26	28°56	T 7
W 8	9 10 24	18°38'38	23°51	6°35	21° 3	6°10	12°16	28°55	8°15	28°47	20°29	10°17	11°29	9°33	28°59	W 8
T 9	9 14 21	19°39'28	8♒12	7°12	22°16	6° 7	12°23	28°56	8°13	28°46	20°29	10°14	11°26	9°40	29° 1	T 9
F 10	9 18 17	20°40'16	22°19	7°40	23°30	6° 4	12°29	28°57	8°12	28°46	20°29	10°12	11°23	9°47	29° 4	F 10
S 11	9 22 14	21°41'03	6♓ 8	7°58	24°43	6° 2	12°36	28°58	8°10	28°45	20°29	10°D12	11°19	9°53	29° 8	S 11
S 12	9 26 11	22°41'49	19°37	8°R 5	25°57	6° 1	12°43	29° 0	8° 8	28°45	20°29	10°12	11°16	10° 0	29°11	S 12
M13	9 30 7	23°42'34	2♈43	8° 1	27°10	6°D 1	12°51	29° 1	8° 7	28°45	20°29	10°13	11°13	10° 7	29°14	M13
T 14	9 34 4	24°43'16	15°29	7°47	28°23	6° 2	12°58	29° 3	8° 5	28°44	20°30	10°14	11°10	10°14	29°17	T 14
W15	9 38 0	25°43'58	27°55	7°22	29°36	6° 3	13° 6	29° 4	8° 4	28°44	20°30	10°15	11° 7	10°20	29°20	W15
T 16	9 41 57	26°44'38	10♉ 7	6°47	0♈49	6° 5	13°13	29° 6	8° 2	28°43	20°30	10°17	11° 3	10°27	29°23	T 16
F 17	9 45 53	27°45'16	22° 7	6° 3	2° 2	6° 8	13°21	29° 8	8° 1	28°43	20°30	10°17	11° 0	10°34	29°26	F 17
S 18	9 49 50	28°45'52	4♊ 1	5°11	3°15	6°11	13°29	29°10	7°59	28°42	20°31	10°R17	10°57	10°40	29°29	S 18
S 19	9 53 46	29°46'27	15°53	4°13	4°28	6°16	13°37	29°12	7°58	28°41	20°31	10°17	10°54	10°47	29°33	S 19
M20	9 57 43	0♓47'00	27°49	3°10	5°41	6°20	13°46	29°14	7°57	28°41	20°31	10°16	10°51	10°54	29°36	M20
T 21	10 1 40	1°47'31	9♋51	2° 3	6°54	6°26	13°54	29°17	7°56	28°40	20°32	10°14	10°48	11° 1	29°39	T 21
W22	10 5 36	2°48'01	22° 5	0°56	8° 6	6°32	14° 3	29°19	7°54	28°39	20°32	10°13	10°44	11° 7	29°43	W22
T 23	10 9 33	3°48'29	4♌32	29♒48	9°19	6°39	14°11	29°22	7°53	28°38	20°32	10°12	10°41	11°14	29°46	T 23
F 24	10 13 29	4°48'55	17°15	28°43	10°31	6°47	14°20	29°25	7°52	28°38	20°33	10°12	10°38	11°21	29°49	F 24
S 25	10 17 26	5°49'19	0♍15	27°41	11°44	6°55	14°29	29°27	7°51	28°37	20°33	10°11	10°35	11°27	29°53	S 25
S 26	10 21 22	6°49'42	13°30	26°44	12°56	7° 4	14°38	29°30	7°50	28°36	20°34	10°D11	10°32	11°34	29°56	S 26
M27	10 25 19	7°50'03	27° 1	25°52	14° 8	7°13	14°48	29°33	7°49	28°35	20°34	10°11	10°28	11°41	29°59	M27
T 28	10 29 15	8♓50'22	10♎46	25♒ 7	15♈20	7♋23	14♉57	29♉36	7♋48	28♎34	20♉35	10♓12	10♓25	11♊48	0♈ 3	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	17s19	8s19	2s55	12s28	0s37	8s11	1s24	27n 6	3n51	14n21	1s 0	17n58	1s58	23n30	0n21	9s27	1n42	3n20	15s 2	7s39	7s 7	26n49	2n31	3n19	W 1
T 2	17 2	14 21	3 52	11 48	0 25	7 41	1 23	27 5	3 50	14 23	0 59	17 58	1 58	23 30	0 21	9 27	1 42	3 20	15 2	7 38	7 8	26 51	2 32	3 19	T 2
F 3	16 44	19 46	4 36	11 7	0 12	7 11	1 21	27 4	3 49	14 25	0 59	17 59	1 58	23 30	0 21	9 27	1 42	3 20	15 2	7 38	7 9	26 52	2 32	3 19	F 3
S 4	16 27	24 11	5 4	10 28	0n 2	6 41	1 19	27 4	3 48	14 27	0 59	17 59	1 58	23 31	0 21	9 27	1 42	3 21	15 1	7 38	7 10	26 53	2 33	3 19	S 4
S 5	16 9	27 10	5 14	9 50	0 16	6 10	1 17	27 3	3 47	14 29	0 59	17 59	1 57	23 31	0 21	9 26	1 42	3 21	15 1	7 39	7 12	26 54	2 34	3 19	S 5
M 6	15 51	28 23	5 4	9 14	0 31	5 40	1 15	27 2	3 46	14 31	0 58	18 0	1 57	23 31	0 21	9 26	1 42	3 21	15 1	7 40	7 13	26 55	2 35	3 18	M 6
T 7	15 32	27 40	4 35	8 39	0 46	5 9	1 13	27 1	3 44	14 33	0 58	18 0	1 57	23 31	0 21	9 26	1 43	3 22	15 0	7 41	7 14	26 56	2 36	3 18	T 7
W 8	15 14	25 4	3 48	8 7	1 3	4 38	1 11	27 0	3 43	14 35	0 58	18 1	1 56	23 31	0 21	9 26	1 43	3 22	15 0	7 42	7 15	26 57	2 37	3 18	W 8
T 9	14 55	20 54	2 47	7 38	1 19	4 7	1 9	26 58	3 42	14 38	0 58	18 1	1 56	23 31	0 21	9 26	1 43	3 23	15 0	7 44	7 16	26 58	2 38	3 18	T 9
F 10	14 36	15 36	1 37	7 12	1 36	3 36	1 7	26 57	3 40	14 40	0 57	18 2	1 56	23 31	0 21	9 26	1 43	3 23	14 59	7 44	7 18	26 59	2 39	3 18	F 10
S 11	14 16	9 36	0 22	6 50	1 52	3 5	1 4	26 56	3 39	14 42	0 57	18 2	1 56	23 31	0 21	9 26	1 43	3 23	14 59	7 45	7 19	27 0	2 40	3 18	S 11
S 12	13 57	3 19	0n52	6 33	2 9	2 34	1 2	26 55	3 37	14 45	0 57	18 3	1 55	23 31	0 21	9 25	1 43	3 24	14 59	7 44	7 20	27 1	2 41	3 17	S 12
M13	13 37	2n56	2 1	6 19	2 25	2 2	1 0	26 53	3 36	14 47	0 57	18 3	1 55	23 32	0 21	9 25	1 43	3 24	14 58	7 44	7 21	27 2	2 43	3 17	M13
T 14	13 16	8 54	3 3	6 10	2 40	1 31	0 57	26 52	3 35	14 50	0 56	18 4	1 55	23 32	0 21	9 25	1 43	3 24	14 58	7 44	7 23	27 3	2 44	3 17	T 14
W15	12 56	14 22	3 54	6 6	2 54	1 0	0 55	26 50	3 33	14 52	0 56	18 5	1 54	23 32	0 21	9 25	1 43	3 25	14 57	7 43	7 24	27 5	2 45	3 17	W15
T 16	12 36	19 10	4 34	6 7	3 7	0 28	0 52	26 49	3 32	14 55	0 56	18 5	1 54	23 32	0 21	9 24	1 43	3 25	14 57	7 43	7 25	27 6	2 46	3 17	T 16
F 17	12 15	23 7	5 1	6 13	3 18	0n 3	0 49	26 47	3 30	14 57	0 56	18 6	1 54	23 32	0 21	9 24	1 43	3 26	14 57	7 42	7 26	27 7	2 47	3 17	F 17
S 18	11 54	26 5	5 14	6 23	3 27	0 35	0 47	26 45	3 29	15 0	0 55	18 7	1 54	23 32	0 21	9 24	1 43	3 26	14 57	7 42	7 27	27 8	2 48	3 16	S 18
S 19	11 33	27 54	5 15	6 37	3 35	1 6	0 44	26 44	3 27	15 3	0 55	18 7	1 53	23 32	0 21	9 24	1 43	3 26	14 56	7 43	7 29	27 9	2 49	3 16	S 19
M20	11 11	28 26	5 2	6 55	3 40	1 38	0 41	26 42	3 26	15 5	0 55	18 8	1 53	23 32	0 21	9 23	1 43	3 27	14 56	7 43	7 30	27 10	2 50	3 16	M20
T 21	10 50	27 38	4 35	7 16	3 43	2 9	0 38	26 40	3 24	15 8	0 55	18 9	1 53	23 32	0 21	9 23	1 43	3 27	14 56	7 43	7 31	27 10	2 52	3 16	T 21
W22	10 28	25 30	3 56	7 40	3 43	2 41	0 35	26 39	3 23	15 11	0 54	18 10	1 53	23 32	0 21	9 23	1 43	3 28	14 55	7 44	7 32	27 11	2 53	3 16	W22
T 23	10 6	22 6	3 5	8 5	3 41	3 12	0 32	26 37	3 21	15 14	0 54	18 11	1 52	23 32	0 21	9 22	1 43	3 28	14 55	7 44	7 33	27 12	2 54	3 16	T 23
F 24	9 44	17 37	2 4	8 31	3 37	3 43	0 29	26 35	3 20	15 16	0 54	18 11	1 52	23 32	0 21	9 22	1 43	3 28	14 55	7 44	7 35	27 13	2 55	3 16	F 24
S 25	9 22	12 14	0 55	8 58	3 31	4 14	0 26	26 33	3 18	15 19	0 54	18 12	1 52	23 32	0 21	9 22	1 44	3 29	14 54	7 45	7 36	27 14	2 56	3 15	S 25
S 26	9 0	6 12	0s18	9 24	3 23	4 45	0 23	26 31	3 17	15 22	0 53	18 13	1 51	23 32	0 21	9 21	1 44	3 29	14 54	7 45	7 37	27 15	2 58	3 15	S 26
M27	8 38	0s13	1 32	9 50	3 14	5 16	0 19	26 29	3 15	15 25	0 53	18 14	1 51	23 33	0 21	9 21	1 44	3 30	14 54	7 45	7 38	27 16	2 59	3 15	M27
T 28	8s15	6s44	2s42	10s15	3n 4	5n47	0s16	26n27	3n14	15n28	0s53	18n15	1s51	23n33	0n21	9s21	1n44	3n30	14s53	7s45	7s39	27n17	3n 0	3n15	T 28

Julian Day Number = 2495039.5, Delta T = 102.77 sec
Ecliptic obliquity = 23°25'34, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'15, Lahiri = 25°31'15

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ASTRODIENST EPHEMERIS for the year 2119
geocentric

MARCH 2119 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 33 12	9♓50'40	24♎41	24°R29	16♈32	7♋33	15♉ 6	29♉39	7°R47	28°R33	20♉35	10°R12	10♓22	11♊54	0♈ 6	W 1
T 2	10 37 8	10°50'56	8♏45	23♒58	17°44	7°44	15°16	29°43	7♋47	28♎32	20°36	10♓12	10°19	12° 1	0°10	T 2
F 3	10 41 5	11°51'11	22°53	23°33	18°56	7°56	15°26	29°46	7°46	28°31	20°36	10°12	10°16	12° 8	0°13	F 3
S 4	10 45 2	12°51'25	7♐ 5	23°17	20° 8	8° 8	15°36	29°49	7°45	28°30	20°37	10°D12	10°13	12°15	0°17	S 4
S 5	10 48 58	13°51'37	21°18	23° 7	21°20	8°21	15°46	29°53	7°44	28°29	20°38	10°12	10° 9	12°21	0°20	S 5
M 6	10 52 55	14°51'48	5♑28	23°D 3	22°31	8°34	15°56	29°57	7°44	28°28	20°38	10°12	10° 6	12°28	0°24	M 6
T 7	10 56 51	15°51'57	19°34	23° 7	23°43	8°47	16° 6	0♊ 0	7°43	28°27	20°39	10°12	10° 3	12°35	0°27	T 7
W 8	11 0 48	16°52'05	3♒34	23°16	24°54	9° 2	16°16	0° 4	7°43	28°26	20°40	10°13	10° 0	12°41	0°31	W 8
T 9	11 4 44	17°52'11	17°25	23°32	26° 6	9°16	16°26	0° 8	7°42	28°25	20°40	10°13	9°57	12°48	0°34	T 9
F 10	11 8 41	18°52'15	1♓ 5	23°52	27°17	9°31	16°37	0°12	7°42	28°24	20°41	10°14	9°54	12°55	0°38	F 10
S 11	11 12 38	19°52'18	14°31	24°18	28°28	9°47	16°48	0°16	7°42	28°23	20°42	10°R14	9°50	13° 2	0°41	S 11
S 12	11 16 34	20°52'18	27°43	24°49	29°39	10° 3	16°58	0°21	7°42	28°21	20°42	10°14	9°47	13° 8	0°45	S 12
M13	11 20 31	21°52'17	10♈38	25°24	0♉50	10°20	17° 9	0°25	7°41	28°20	20°43	10°12	9°44	13°15	0°49	M13
T 14	11 24 27	22°52'14	23°18	26° 3	2° 1	10°36	17°20	0°29	7°41	28°19	20°44	10°11	9°41	13°22	0°52	T 14
W15	11 28 24	23°52'08	5♉42	26°47	3°12	10°54	17°31	0°34	7°41	28°18	20°45	10° 9	9°38	13°29	0°56	W15
T 16	11 32 20	24°52'01	17°54	27°34	4°22	11°12	17°42	0°38	7°D41	28°16	20°46	10° 7	9°34	13°35	0°59	T 16
F 17	11 36 17	25°51'51	29°55	28°24	5°33	11°30	17°53	0°43	7°41	28°15	20°46	10° 5	9°31	13°42	1° 3	F 17
S 18	11 40 13	26°51'39	11♊50	29°17	6°43	11°48	18° 5	0°48	7°41	28°14	20°47	10° 3	9°28	13°49	1° 7	S 18
S 19	11 44 10	27°51'25	23°42	0♓14	7°53	12° 7	18°16	0°53	7°41	28°12	20°48	10°D 3	9°25	13°55	1°10	S 19
M20	11 48 6	28°51'09	5♋37	1°13	9° 4	12°27	18°28	0°58	7°41	28°11	20°49	10° 3	9°22	14° 2	1°14	M20
T 21	11 52 3	29°50'51	17°39	2°15	10°13	12°46	18°39	1° 2	7°42	28°10	20°50	10° 4	9°19	14° 9	1°18	T 21
W22	11 56 0	0♈50'30	29°53	3°20	11°23	13° 6	18°51	1° 8	7°42	28° 8	20°51	10° 5	9°15	14°16	1°21	W22
T 23	11 59 56	1°50'07	12♌22	4°26	12°33	13°27	19° 3	1°13	7°42	28° 7	20°52	10° 7	9°12	14°22	1°25	T 23
F 24	12 3 53	2°49'42	25°11	5°36	13°43	13°48	19°15	1°18	7°43	28° 5	20°53	10° 8	9° 9	14°29	1°28	F 24
S 25	12 7 49	3°49'15	8♍22	6°47	14°52	14° 9	19°26	1°23	7°43	28° 4	20°54	10°R 9	9° 6	14°36	1°32	S 25
S 26	12 11 46	4°48'45	21°55	8° 0	16° 1	14°30	19°38	1°29	7°43	28° 2	20°55	10° 8	9° 3	14°42	1°36	S 26
M27	12 15 42	5°48'13	5♎49	9°15	17°10	14°52	19°51	1°34	7°44	28° 1	20°56	10° 6	9° 0	14°49	1°39	M27
T 28	12 19 39	6°47'40	20° 1	10°32	18°19	15°14	20° 3	1°39	7°45	27°59	20°57	10° 4	8°56	14°56	1°43	T 28
W29	12 23 35	7°47'04	4♏26	11°51	19°28	15°36	20°15	1°45	7°45	27°58	20°58	10° 0	8°53	15° 3	1°47	W29
T 30	12 27 32	8°46'27	18°58	13°12	20°37	15°59	20°27	1°51	7°46	27°56	20°59	9°56	8°50	15° 9	1°50	T 30
F 31	12 31 29	9♈45'47	3♐31	14♓34	21♉45	16♋22	20♉40	1♊56	7♋47	27♎55	21♉ 0	9♓52	8♓47	15♊16	1♈54	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s52	13s 0	3s42	10s39	2n52	6n18	0s13	26n25	3n12	15n31	0s53	18n16	1s51	23n33	0n21	9s20	1n44	3n31	14s53	7s44	7s41	27n18	3n 1	3n15
T 2	7 30	18 40	4 31	11 1	2 39	6 49	0 10	26 23	3 11	15 34	0 53	18 17	1 50	23 33	0 21	9 20	1 44	3 31	14 53	7 44	7 42	27 19	3 3	3 15
F 3	7 7	23 22	5 3	11 21	2 26	7 19	0 6	26 20	3 9	15 37	0 52	18 18	1 50	23 33	0 21	9 20	1 44	3 31	14 52	7 45	7 43	27 20	3 4	3 15
S 4	6 44	26 41	5 16	11 40	2 13	7 50	0 3	26 18	3 8	15 40	0 52	18 19	1 50	23 33	0 21	9 19	1 44	3 32	14 52	7 45	7 44	27 21	3 5	3 15
S 5	6 21	28 19	5 11	11 56	1 59	8 20	0n 1	26 16	3 6	15 43	0 52	18 20	1 50	23 33	0 21	9 19	1 44	3 32	14 52	7 45	7 45	27 22	3 6	3 14
M 6	5 58	28 5	4 47	12 10	1 45	8 50	0 4	26 14	3 5	15 46	0 52	18 21	1 49	23 33	0 21	9 18	1 44	3 33	14 51	7 44	7 47	27 22	3 8	3 14
T 7	5 34	26 3	4 5	12 22	1 32	9 19	0 8	26 11	3 4	15 49	0 51	18 22	1 49	23 33	0 21	9 18	1 44	3 33	14 51	7 44	7 48	27 23	3 9	3 14
W 8	5 11	22 25	3 9	12 32	1 18	9 49	0 12	26 9	3 2	15 53	0 51	18 23	1 49	23 33	0 21	9 17	1 44	3 34	14 51	7 44	7 49	27 24	3 10	3 14
T 9	4 48	17 33	2 3	12 39	1 4	10 18	0 15	26 6	3 1	15 56	0 51	18 24	1 49	23 33	0 21	9 17	1 44	3 34	14 50	7 44	7 50	27 25	3 12	3 14
F 10	4 24	11 52	0 50	12 45	0 51	10 48	0 19	26 4	2 59	15 59	0 51	18 25	1 48	23 33	0 21	9 17	1 44	3 35	14 50	7 44	7 51	27 26	3 13	3 14
S 11	4 1	5 44	0n24	12 49	0 38	11 16	0 22	26 1	2 58	16 2	0 51	18 26	1 48	23 33	0 21	9 16	1 44	3 35	14 50	7 44	7 53	27 27	3 14	3 14
S 12	3 37	0n33	1 35	12 51	0 25	11 45	0 26	25 59	2 56	16 5	0 50	18 27	1 48	23 33	0 21	9 16	1 44	3 35	14 50	7 44	7 54	27 27	3 16	3 14
M13	3 13	6 40	2 40	12 50	0 13	12 14	0 30	25 56	2 55	16 9	0 50	18 28	1 48	23 33	0 21	9 15	1 44	3 36	14 49	7 44	7 55	27 28	3 17	3 14
T 14	2 50	12 23	3 36	12 48	0 1	12 42	0 34	25 53	2 54	16 12	0 50	18 29	1 47	23 33	0 21	9 15	1 44	3 36	14 49	7 45	7 56	27 29	3 18	3 14
W15	2 26	17 30	4 20	12 44	0s10	13 9	0 37	25 50	2 52	16 15	0 50	18 31	1 47	23 33	0 21	9 14	1 44	3 37	14 49	7 46	7 57	27 30	3 20	3 14
T 16	2 2	21 50	4 52	12 39	0 21	13 37	0 41	25 47	2 51	16 18	0 50	18 32	1 47	23 33	0 21	9 14	1 44	3 37	14 48	7 46	7 59	27 31	3 21	3 13
F 17	1 39	25 10	5 11	12 31	0 32	14 4	0 45	25 45	2 49	16 22	0 49	18 33	1 47	23 33	0 21	9 13	1 44	3 38	14 48	7 47	8 0	27 31	3 22	3 13
S 18	1 15	27 24	5 15	12 22	0 42	14 31	0 49	25 42	2 48	16 25	0 49	18 34	1 46	23 33	0 21	9 13	1 44	3 38	14 48	7 48	8 1	27 32	3 24	3 13
S 19	0 51	28 23	5 7	12 11	0 52	14 58	0 53	25 38	2 47	16 28	0 49	18 35	1 46	23 33	0 21	9 12	1 45	3 39	14 48	7 48	8 2	27 33	3 25	3 13
M20	0 27	28 3	4 45	11 59	1 1	15 24	0 56	25 35	2 45	16 32	0 49	18 37	1 46	23 33	0 21	9 12	1 45	3 39	14 47	7 48	8 3	27 34	3 27	3 13
T 21	0 4	26 24	4 10	11 45	1 10	15 50	1 0	25 32	2 44	16 35	0 49	18 38	1 46	23 33	0 21	9 11	1 45	3 40	14 47	7 48	8 4	27 35	3 28	3 13
W22	0n20	23 29	3 24	11 30	1 18	16 15	1 4	25 29	2 43	16 38	0 49	18 39	1 46	23 33	0 21	9 11	1 45	3 40	14 47	7 47	8 6	27 35	3 29	3 13
T 23	0 44	19 26	2 27	11 13	1 26	16 40	1 8	25 25	2 41	16 42	0 48	18 40	1 45	23 33	0 21	9 10	1 45	3 41	14 47	7 46	8 7	27 36	3 31	3 13
F 24	1 7	14 24	1 21	10 54	1 33	17 5	1 12	25 22	2 40	16 45	0 48	18 42	1 45	23 33	0 21	9 10	1 45	3 41	14 46	7 46	8 8	27 37	3 32	3 13
S 25	1 31	8 35	0 10	10 34	1 40	17 30	1 16	25 18	2 39	16 49	0 48	18 43	1 45	23 33	0 21	9 9	1 45	3 42	14 46	7 46	8 9	27 37	3 34	3 13
S 26	1 55	2 13	1s 4	10 13	1 47	17 53	1 19	25 15	2 37	16 52	0 48	18 44	1 45	23 33	0 21	9 8	1 45	3 42	14 46	7 46	8 10	27 38	3 35	3 13
M27	2 18	4s24	2 16	9 50	1 53	18 17	1 23	25 11	2 36	16 55	0 48	18 45	1 44	23 33	0 21	9 8	1 45	3 43	14 46	7 46	8 12	27 39	3 36	3 13
T 28	2 42	10 56	3 21	9 26	1 58	18 40	1 27	25 7	2 35	16 59	0 47	18 47	1 44	23 33	0 21	9 7	1 45	3 43	14 45	7 48	8 13	27 40	3 38	3 13
W29	3 5	16 59	4 15	9 1	2 3	19 3	1 31	25 4	2 34	17 2	0 47	18 48	1 44	23 32	0 21	9 7	1 45	3 43	14 45	7 49	8 14	27 40	3 39	3 13
T 30	3 29	22 8	4 52	8 34	2 8	19 25	1 35	25 0	2 32	17 6	0 47	18 49	1 44	23 32	0 21	9 6	1 45	3 44	14 45	7 51	8 15	27 41	3 40	3 13
F 31	3n52	25s55	5s10	8s 6	2s12	19n47	1n38	24n56	2n31	17n 9	0s47	18n51	1s44	23n32	0n21	9s 6	1n45	3n44	14s45	7s52	8s16	27n42	3n42	3n13

Julian Day Number = 2495067.5, Delta T = 102.81 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'19, Lahiri = 25°31'19

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ASTRODIENST EPHEMERIS for the year 2119
geocentric

APRIL 2119 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 35 25	10♈45'07	17♐59	15♓58	22♉54	16♋45	20♉52	2♊ 2	7♋47	27°R53	21♉ 1	9°R49	8♓44	15♊23	1♈57	S 1
S 2	12 39 22	11°44'24	2♑18	17°24	24° 2	17° 8	21° 4	2° 8	7°48	27♎52	21° 2	9♓47	8°40	15°30	2° 1	S 2
M 3	12 43 18	12°43'40	16°25	18°51	25°10	17°32	21°17	2°14	7°49	27°50	21° 3	9°D47	8°37	15°36	2° 5	M 3
T 4	12 47 15	13°42'53	0♒18	20°20	26°18	17°56	21°30	2°20	7°50	27°49	21° 4	9°47	8°34	15°43	2° 8	T 4
W 5	12 51 11	14°42'06	13°58	21°51	27°26	18°20	21°42	2°26	7°51	27°47	21° 5	9°49	8°31	15°50	2°12	W 5
T 6	12 55 8	15°41'16	27°25	23°23	28°33	18°45	21°55	2°32	7°52	27°45	21° 6	9°50	8°28	15°56	2°15	T 6
F 7	12 59 4	16°40'24	10♓39	24°56	29°40	19° 9	22° 8	2°38	7°53	27°44	21° 8	9°R51	8°25	16° 3	2°19	F 7
S 8	13 3 1	17°39'31	23°41	26°31	0♊48	19°34	22°21	2°44	7°55	27°42	21° 9	9°50	8°21	16°10	2°22	S 8
S 9	13 6 58	18°38'35	6♈31	28° 7	1°55	20° 0	22°34	2°51	7°56	27°41	21°10	9°47	8°18	16°17	2°26	S 9
M10	13 10 54	19°37'38	19° 9	29°45	3° 1	20°25	22°47	2°57	7°57	27°39	21°11	9°42	8°15	16°23	2°29	M10
T 11	13 14 51	20°36'39	1♉36	1♈25	4° 8	20°51	23° 0	3° 4	7°58	27°37	21°12	9°36	8°12	16°30	2°33	T 11
W12	13 18 47	21°35'37	13°53	3° 6	5°14	21°17	23°13	3°10	8° 0	27°36	21°13	9°28	8° 9	16°37	2°36	W12
T 13	13 22 44	22°34'34	25°59	4°48	6°20	21°43	23°26	3°16	8° 1	27°34	21°15	9°20	8° 5	16°43	2°40	T 13
F 14	13 26 40	23°33'28	7♊58	6°32	7°26	22° 9	23°39	3°23	8° 3	27°32	21°16	9°12	8° 2	16°50	2°43	F 14
S 15	13 30 37	24°32'20	19°52	8°17	8°32	22°36	23°52	3°30	8° 4	27°31	21°17	9° 6	7°59	16°57	2°47	S 15
S 16	13 34 33	25°31'11	1♋43	10° 4	9°38	23° 3	24° 6	3°36	8° 6	27°29	21°18	9° 1	7°56	17° 4	2°50	S 16
M17	13 38 30	26°29'58	13°36	11°53	10°43	23°30	24°19	3°43	8° 7	27°28	21°19	8°58	7°53	17°10	2°53	M17
T 18	13 42 27	27°28'44	25°36	13°43	11°48	23°57	24°33	3°50	8° 9	27°26	21°21	8°D57	7°50	17°17	2°57	T 18
W19	13 46 23	28°27'28	7♌47	15°35	12°53	24°24	24°46	3°57	8°11	27°24	21°22	8°57	7°46	17°24	3° 0	W19
T 20	13 50 20	29°26'09	20°14	17°28	13°57	24°52	24°59	4° 4	8°12	27°23	21°23	8°58	7°43	17°31	3° 4	T 20
F 21	13 54 16	0♉24'47	3♍ 2	19°23	15° 1	25°19	25°13	4°10	8°14	27°21	21°25	8°R59	7°40	17°37	3° 7	F 21
S 22	13 58 13	1°23'24	16°15	21°19	16° 5	25°47	25°26	4°17	8°16	27°19	21°26	8°59	7°37	17°44	3°10	S 22
S 23	14 2 9	2°21'59	29°55	23°17	17° 9	26°15	25°40	4°24	8°18	27°18	21°27	8°57	7°34	17°51	3°13	S 23
M24	14 6 6	3°20'31	14♎ 2	25°16	18°12	26°44	25°54	4°31	8°20	27°16	21°28	8°53	7°31	17°57	3°17	M24
T 25	14 10 2	4°19'01	28°32	27°17	19°15	27°12	26° 7	4°38	8°22	27°14	21°30	8°47	7°27	18° 4	3°20	T 25
W26	14 13 59	5°17'30	13♏21	29°19	20°18	27°40	26°21	4°46	8°24	27°13	21°31	8°39	7°24	18°11	3°23	W26
T 27	14 17 56	6°15'57	28°20	1♉23	21°21	28° 9	26°35	4°53	8°26	27°11	21°32	8°30	7°21	18°18	3°26	T 27
F 28	14 21 52	7°14'22	13♐19	3°28	22°23	28°38	26°49	5° 0	8°28	27°10	21°34	8°22	7°18	18°24	3°29	F 28
S 29	14 25 49	8°12'46	28° 9	5°34	23°25	29° 7	27° 2	5° 7	8°30	27° 8	21°35	8°15	7°15	18°31	3°33	S 29
S 30	14 29 45	9♉11'08	12♑44	7♉41	24♊26	29♋36	27♉16	5♊14	8♋32	27♎ 6	21♉36	8♓10	7♓11	18♊38	3♈36	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n15	28s 1	5s 9	7s37	2s16	20n 8	1n42	24n51	2n30	17n13	0s47	18n52	1s43	23n32	0n20	9s 5	1n45	3n45	14s44	7s53	8s18	27n42	3n43	3n12
S 2	4 38	28 13	4 49	7 6	2 19	20 29	1 46	24 47	2 29	17 16	0 47	18 53	1 43	23 32	0 20	9 4	1 45	3 45	14 44	7 54	8 19	27 43	3 45	3 12
M 3	5 1	26 34	4 11	6 34	2 21	20 49	1 49	24 43	2 28	17 19	0 47	18 55	1 43	23 32	0 20	9 4	1 45	3 46	14 44	7 54	8 20	27 44	3 46	3 12
T 4	5 25	23 19	3 19	6 2	2 24	21 9	1 53	24 39	2 26	17 23	0 46	18 56	1 43	23 32	0 20	9 3	1 45	3 46	14 44	7 54	8 21	27 44	3 47	3 12
W 5	5 47	18 48	2 16	5 27	2 25	21 28	1 57	24 34	2 25	17 26	0 46	18 58	1 43	23 32	0 20	9 3	1 45	3 47	14 44	7 53	8 22	27 45	3 49	3 12
T 6	6 10	13 25	1 7	4 52	2 27	21 47	2 0	24 30	2 24	17 30	0 46	18 59	1 42	23 32	0 20	9 2	1 45	3 47	14 43	7 53	8 24	27 45	3 50	3 12
F 7	6 33	7 30	0n 4	4 16	2 27	22 5	2 4	24 25	2 23	17 33	0 46	19 0	1 42	23 32	0 20	9 2	1 45	3 48	14 43	7 52	8 25	27 46	3 52	3 12
S 8	6 56	1 22	1 15	3 38	2 28	22 23	2 7	24 20	2 22	17 37	0 46	19 2	1 42	23 32	0 20	9 1	1 45	3 48	14 43	7 53	8 26	27 47	3 53	3 12
S 9	7 18	4n43	2 20	3 0	2 27	22 40	2 11	24 15	2 21	17 40	0 46	19 3	1 42	23 32	0 20	9 0	1 45	3 49	14 43	7 54	8 27	27 47	3 54	3 12
M10	7 40	10 32	3 17	2 20	2 27	22 57	2 14	24 10	2 19	17 43	0 45	19 4	1 42	23 32	0 20	9 0	1 45	3 49	14 43	7 56	8 28	27 48	3 56	3 12
T 11	8 3	15 50	4 4	1 40	2 25	23 13	2 17	24 5	2 18	17 47	0 45	19 6	1 42	23 32	0 20	8 59	1 45	3 50	14 42	7 58	8 29	27 48	3 57	3 12
W12	8 25	20 25	4 38	0 58	2 24	23 28	2 21	24 0	2 17	17 50	0 45	19 7	1 41	23 31	0 20	8 59	1 45	3 50	14 42	8 1	8 31	27 49	3 59	3 12
T 13	8 47	24 6	5 0	0 15	2 21	23 43	2 24	23 55	2 16	17 54	0 45	19 9	1 41	23 31	0 20	8 58	1 45	3 51	14 42	8 4	8 32	27 50	4 0	3 12
F 14	9 9	26 41	5 8	0n28	2 19	23 58	2 27	23 49	2 15	17 57	0 45	19 10	1 41	23 31	0 20	8 57	1 45	3 51	14 42	8 7	8 33	27 50	4 1	3 12
S 15	9 30	28 4	5 3	1 13	2 16	24 11	2 30	23 44	2 14	18 1	0 45	19 11	1 41	23 31	0 20	8 57	1 45	3 51	14 42	8 9	8 34	27 51	4 3	3 12
S 16	9 52	28 9	4 44	1 58	2 12	24 25	2 33	23 38	2 13	18 4	0 45	19 13	1 41	23 31	0 20	8 56	1 45	3 52	14 42	8 11	8 35	27 51	4 4	3 12
M17	10 13	26 56	4 14	2 44	2 8	24 37	2 36	23 33	2 12	18 7	0 44	19 14	1 41	23 31	0 20	8 56	1 45	3 52	14 41	8 12	8 37	27 52	4 5	3 12
T 18	10 34	24 29	3 32	3 31	2 3	24 49	2 39	23 27	2 11	18 11	0 44	19 16	1 40	23 31	0 20	8 55	1 45	3 53	14 41	8 13	8 38	27 52	4 7	3 12
W19	10 55	20 53	2 40	4 19	1 58	25 1	2 42	23 21	2 9	18 14	0 44	19 17	1 40	23 31	0 20	8 54	1 45	3 53	14 41	8 12	8 39	27 53	4 8	3 12
T 20	11 16	16 18	1 39	5 8	1 52	25 12	2 45	23 15	2 8	18 17	0 44	19 19	1 40	23 31	0 20	8 54	1 45	3 54	14 41	8 12	8 40	27 53	4 9	3 12
F 21	11 37	10 53	0 32	5 57	1 46	25 22	2 48	23 9	2 7	18 21	0 44	19 20	1 40	23 30	0 20	8 53	1 45	3 54	14 41	8 12	8 41	27 54	4 11	3 12
S 22	11 57	4 49	0s39	6 47	1 39	25 31	2 50	23 3	2 6	18 24	0 44	19 21	1 40	23 30	0 20	8 53	1 45	3 55	14 41	8 12	8 43	27 54	4 12	3 12
S 23	12 17	1s39	1 50	7 37	1 32	25 41	2 53	22 56	2 5	18 27	0 44	19 23	1 40	23 30	0 20	8 52	1 45	3 55	14 41	8 12	8 44	27 55	4 13	3 12
M24	12 37	8 14	2 56	8 28	1 24	25 49	2 55	22 50	2 4	18 31	0 44	19 24	1 39	23 30	0 20	8 52	1 45	3 55	14 41	8 14	8 45	27 55	4 15	3 12
T 25	12 57	14 35	3 53	9 19	1 16	25 57	2 58	22 43	2 3	18 34	0 43	19 26	1 39	23 30	0 20	8 51	1 45	3 56	14 40	8 16	8 46	27 56	4 16	3 12
W26	13 17	20 13	4 36	10 10	1 8	26 4	3 0	22 37	2 2	18 37	0 43	19 27	1 39	23 30	0 20	8 50	1 45	3 56	14 40	8 19	8 47	27 56	4 17	3 12
T 27	13 36	24 39	5 0	11 2	0 59	26 10	3 2	22 30	2 1	18 41	0 43	19 28	1 39	23 30	0 20	8 50	1 45	3 57	14 40	8 23	8 48	27 57	4 19	3 12
F 28	13 55	27 24	5 3	11 53	0 49	26 16	3 4	22 23	2 0	18 44	0 43	19 30	1 39	23 30	0 20	8 49	1 45	3 57	14 40	8 26	8 50	27 57	4 20	3 12
S 29	14 14	28 11	4 46	12 45	0 40	26 22	3 6	22 16	1 59	18 47	0 43	19 31	1 39	23 29	0 20	8 49	1 45	3 57	14 40	8 28	8 51	27 57	4 21	3 12
S 30	14n33	26s59	4s11	13n36	0s30	26n27	3n 8	22n 9	1n58	18n51	0s43	19n33	1s39	23n29	0n20	8s48	1n45	3n58	14s40	8s30	8s52	27n58	4n22	3n13

Julian Day Number = 2495098.5, Delta T = 102.85 sec
Ecliptic obliquity = 23°25'34, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'23, Lahiri = 25°31'24

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ASTRODIENST EPHEMERIS for the year 2119
geocentric

MAY 2119 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 33 42	10♉ 9'28	26♋59	9♉49	25♊27	0♌ 6	27♉30	5♊22	8♋35	27°R 5	21♉38	8°R 7	7♓ 8	18♊44	3♈39	M 1
T 2	14 37 38	11° 7'47	10♒53	11°58	26°28	0°35	27°44	5°29	8°37	27♎ 3	21°39	8°D 6	7° 5	18°51	3°42	T 2
W 3	14 41 35	12° 6'04	24°25	14° 7	27°29	1° 5	27°58	5°36	8°39	27° 2	21°40	8♓ 7	7° 2	18°58	3°45	W 3
T 4	14 45 31	13° 4'20	7♓39	16°16	28°29	1°34	28°12	5°44	8°42	27° 0	21°42	8°R 7	6°59	19° 5	3°48	T 4
F 5	14 49 28	14° 2'34	20°36	18°26	29°28	2° 4	28°26	5°51	8°44	26°58	21°43	8° 6	6°56	19°11	3°51	F 5
S 6	14 53 25	15° 0'47	3♈19	20°35	0♋28	2°34	28°40	5°59	8°46	26°57	21°44	8° 4	6°52	19°18	3°54	S 6
S 7	14 57 21	15°58'58	15°51	22°43	1°26	3° 4	28°53	6° 6	8°49	26°55	21°46	7°58	6°49	19°25	3°56	S 7
M 8	15 1 18	16°57'08	28°13	24°51	2°25	3°35	29° 7	6°13	8°51	26°54	21°47	7°50	6°46	19°32	3°59	M 8
T 9	15 5 14	17°55'16	10♉27	26°58	3°23	4° 5	29°22	6°21	8°54	26°52	21°48	7°39	6°43	19°38	4° 2	T 9
W10	15 9 11	18°53'22	22°33	29° 3	4°20	4°36	29°36	6°29	8°56	26°51	21°50	7°27	6°40	19°45	4° 5	W10
T 11	15 13 7	19°51'27	4♊33	1♊ 6	5°17	5° 6	29°50	6°36	8°59	26°49	21°51	7°14	6°37	19°52	4° 8	T 11
F 12	15 17 4	20°49'30	16°28	3° 8	6°14	5°37	0♊ 4	6°44	9° 2	26°48	21°52	7° 1	6°33	19°58	4°10	F 12
S 13	15 21 0	21°47'32	28°19	5° 7	7°10	6° 8	0°18	6°51	9° 4	26°46	21°54	6°50	6°30	20° 5	4°13	S 13
S 14	15 24 57	22°45'32	10♋10	7° 4	8° 6	6°39	0°32	6°59	9° 7	26°45	21°55	6°40	6°27	20°12	4°16	S 14
M15	15 28 54	23°43'30	22° 2	8°58	9° 1	7°10	0°46	7° 7	9°10	26°43	21°56	6°34	6°24	20°19	4°18	M15
T 16	15 32 50	24°41'26	4♌ 1	10°49	9°55	7°42	1° 0	7°14	9°13	26°42	21°58	6°30	6°21	20°25	4°21	T 16
W17	15 36 47	25°39'20	16° 9	12°37	10°49	8°13	1°14	7°22	9°16	26°41	21°59	6°28	6°17	20°32	4°24	W17
T 18	15 40 43	26°37'13	28°33	14°23	11°42	8°44	1°28	7°30	9°18	26°39	22° 1	6°D28	6°14	20°39	4°26	T 18
F 19	15 44 40	27°35'04	11♍17	16° 5	12°35	9°16	1°42	7°37	9°21	26°38	22° 2	6°R28	6°11	20°45	4°29	F 19
S 20	15 48 36	28°32'53	24°26	17°44	13°27	9°48	1°56	7°45	9°24	26°37	22° 3	6°27	6° 8	20°52	4°31	S 20
S 21	15 52 33	29°30'40	8♎ 3	19°19	14°19	10°20	2°11	7°53	9°27	26°35	22° 5	6°25	6° 5	20°59	4°33	S 21
M22	15 56 29	0♊28'26	22°11	20°52	15° 9	10°51	2°25	8° 0	9°30	26°34	22° 6	6°19	6° 2	21° 6	4°36	M22
T 23	16 0 26	1°26'10	6♏46	22°20	15°59	11°23	2°39	8° 8	9°33	26°33	22° 7	6°11	5°58	21°12	4°38	T 23
W24	16 4 23	2°23'53	21°44	23°46	16°48	11°55	2°53	8°16	9°36	26°31	22° 9	6° 2	5°55	21°19	4°40	W24
T 25	16 8 19	3°21'34	6♐57	25° 8	17°37	12°28	3° 7	8°24	9°39	26°30	22°10	5°51	5°52	21°26	4°43	T 25
F 26	16 12 16	4°19'15	22°14	26°26	18°24	13° 0	3°21	8°31	9°42	26°29	22°11	5°40	5°49	21°32	4°45	F 26
S 27	16 16 12	5°16'54	7♑23	27°41	19°11	13°32	3°35	8°39	9°45	26°28	22°13	5°31	5°46	21°39	4°47	S 27
S 28	16 20 9	6°14'32	22°15	28°52	19°57	14° 5	3°50	8°47	9°49	26°27	22°14	5°24	5°43	21°46	4°49	S 28
M29	16 24 5	7°12'09	6♒44	29°59	20°42	14°37	4° 4	8°55	9°52	26°25	22°15	5°20	5°39	21°53	4°51	M29
T 30	16 28 2	8° 9'45	20°46	1♋ 3	21°26	15°10	4°18	9° 3	9°55	26°24	22°17	5°18	5°36	21°59	4°53	T 30
W31	16 31 58	9♊ 7'20	4♓22	2♋ 2	22♋ 9	15♌43	4♊32	9♊10	9♋58	26♎23	22♉18	5♓18	5♓33	22♊ 6	4♈55	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n51	24s 2	3s21	14n26	0s19	26n31	3n10	22n 2	1n57	18n54	0s43	19n34	1s38	23n29	0n20	8s48	1n45	3n58	14s40	8s31	8s53	27n58	4n24	3n13
T 2	15 10	19 44	2 20	15 16	0 9	26 34	3 12	21 54	1 56	18 57	0 43	19 36	1 38	23 29	0 20	8 47	1 45	3 59	14 40	8 32	8 54	27 59	4 25	3 13
W 3	15 28	14 31	1 12	16 5	0n 1	26 37	3 13	21 47	1 55	19 0	0 43	19 37	1 38	23 29	0 20	8 46	1 45	3 59	14 40	8 31	8 55	27 59	4 26	3 13
T 4	15 45	8 44	0 2	16 53	0 12	26 40	3 15	21 39	1 54	19 3	0 42	19 38	1 38	23 29	0 20	8 46	1 45	3 59	14 40	8 31	8 57	27 59	4 27	3 13
F 5	16 3	2 43	1n 6	17 40	0 23	26 41	3 16	21 32	1 53	19 7	0 42	19 40	1 38	23 28	0 20	8 45	1 45	4 0	14 40	8 32	8 58	28 0	4 29	3 13
S 6	16 20	3n18	2 10	18 25	0 33	26 43	3 17	21 24	1 52	19 10	0 42	19 41	1 38	23 28	0 20	8 45	1 45	4 0	14 39	8 33	8 59	28 0	4 30	3 13
S 7	16 37	9 6	3 6	19 9	0 44	26 43	3 18	21 16	1 51	19 13	0 42	19 43	1 38	23 28	0 20	8 44	1 45	4 1	14 39	8 35	9 0	28 1	4 31	3 13
M 8	16 53	14 27	3 53	19 51	0 54	26 43	3 19	21 8	1 51	19 16	0 42	19 44	1 38	23 28	0 20	8 44	1 45	4 1	14 39	8 38	9 1	28 1	4 32	3 13
T 9	17 10	19 11	4 28	20 30	1 4	26 43	3 20	21 0	1 50	19 19	0 42	19 45	1 37	23 28	0 20	8 43	1 45	4 1	14 39	8 42	9 3	28 1	4 33	3 13
W10	17 26	23 5	4 51	21 8	1 13	26 42	3 20	20 52	1 49	19 22	0 42	19 47	1 37	23 28	0 20	8 43	1 45	4 2	14 39	8 46	9 4	28 2	4 34	3 13
T 11	17 42	25 57	5 0	21 43	1 23	26 40	3 21	20 43	1 48	19 25	0 42	19 48	1 37	23 27	0 20	8 42	1 45	4 2	14 39	8 51	9 5	28 2	4 36	3 13
F 12	17 57	27 39	4 57	22 16	1 31	26 38	3 21	20 35	1 47	19 28	0 42	19 50	1 37	23 27	0 20	8 42	1 45	4 2	14 39	8 56	9 6	28 2	4 37	3 13
S 13	18 12	28 5	4 40	22 46	1 39	26 35	3 21	20 26	1 46	19 31	0 42	19 51	1 37	23 27	0 20	8 41	1 45	4 3	14 39	9 0	9 7	28 3	4 38	3 13
S 14	18 27	27 13	4 12	23 14	1 47	26 32	3 21	20 18	1 45	19 35	0 41	19 52	1 37	23 27	0 20	8 41	1 45	4 3	14 39	9 3	9 8	28 3	4 39	3 13
M15	18 42	25 7	3 32	23 39	1 53	26 28	3 21	20 9	1 44	19 38	0 41	19 54	1 37	23 27	0 20	8 40	1 45	4 3	14 39	9 6	9 10	28 3	4 40	3 13
T 16	18 56	21 53	2 43	24 2	1 59	26 24	3 21	20 0	1 43	19 41	0 41	19 55	1 37	23 26	0 20	8 40	1 45	4 4	14 39	9 7	9 11	28 4	4 41	3 13
W17	19 10	17 40	1 45	24 22	2 5	26 19	3 21	19 51	1 42	19 43	0 41	19 56	1 37	23 26	0 20	8 39	1 45	4 4	14 39	9 8	9 12	28 4	4 42	3 13
T 18	19 23	12 38	0 42	24 39	2 9	26 14	3 20	19 42	1 41	19 46	0 41	19 58	1 37	23 26	0 20	8 39	1 45	4 4	14 39	9 8	9 13	28 4	4 43	3 13
F 19	19 37	6 56	0s25	24 54	2 13	26 8	3 19	19 33	1 41	19 49	0 41	19 59	1 36	23 26	0 20	8 38	1 45	4 5	14 39	9 8	9 14	28 4	4 44	3 14
S 20	19 50	0 47	1 33	25 7	2 16	26 2	3 18	19 23	1 40	19 52	0 41	20 0	1 36	23 26	0 20	8 38	1 45	4 5	14 39	9 8	9 15	28 5	4 45	3 14
S 21	20 2	5s37	2 39	25 18	2 18	25 55	3 17	19 14	1 39	19 55	0 41	20 2	1 36	23 25	0 20	8 37	1 45	4 5	14 39	9 9	9 17	28 5	4 46	3 14
M22	20 14	11 58	3 36	25 26	2 19	25 48	3 15	19 4	1 38	19 58	0 41	20 3	1 36	23 25	0 20	8 37	1 45	4 6	14 39	9 11	9 18	28 5	4 47	3 14
T 23	20 26	17 53	4 22	25 32	2 20	25 41	3 14	18 55	1 37	20 1	0 41	20 4	1 36	23 25	0 20	8 36	1 45	4 6	14 39	9 14	9 19	28 5	4 48	3 14
W24	20 38	22 52	4 51	25 36	2 19	25 33	3 12	18 45	1 36	20 4	0 41	20 6	1 36	23 25	0 20	8 36	1 45	4 6	14 39	9 18	9 20	28 6	4 49	3 14
T 25	20 49	26 23	5 0	25 38	2 18	25 25	3 10	18 35	1 35	20 6	0 40	20 7	1 36	23 25	0 20	8 36	1 45	4 7	14 39	9 22	9 21	28 6	4 50	3 14
F 26	21 0	27 59	4 48	25 38	2 16	25 16	3 8	18 25	1 35	20 9	0 40	20 8	1 36	23 24	0 20	8 35	1 45	4 7	14 39	9 26	9 22	28 6	4 51	3 14
S 27	21 10	27 28	4 15	25 37	2 13	25 7	3 5	18 15	1 34	20 12	0 40	20 9	1 36	23 24	0 20	8 35	1 44	4 7	14 39	9 29	9 24	28 6	4 52	3 14
S 28	21 20	24 59	3 26	25 34	2 9	24 57	3 3	18 5	1 33	20 15	0 40	20 11	1 36	23 24	0 20	8 34	1 44	4 7	14 39	9 31	9 25	28 6	4 53	3 14
M29	21 30	20 55	2 25	25 30	2 4	24 48	3 0	17 54	1 32	20 17	0 40	20 12	1 36	23 24	0 20	8 34	1 44	4 8	14 39	9 33	9 26	28 7	4 54	3 14
T 30	21 39	15 46	1 16	25 24	1 58	24 38	2 57	17 44	1 31	20 20	0 40	20 13	1 36	23 23	0 20	8 34	1 44	4 8	14 39	9 34	9 27	28 7	4 55	3 14
W31	21n48	9s59	0s 5	25n16	1n52	24n27	2n53	17n33	1n30	20n23	0s40	20n14	1s36	23n23	0n20	8s33	1n44	4n 8	14s39	9s34	9s28	28n 7	4n56	3n15

Julian Day Number = 2495128.5, Delta T = 102.90 sec
Ecliptic obliquity = 23°25'34, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'27, Lahiri = 25°31'28

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ASTRODIENST EPHEMERIS for the year 2119
geocentric

JUNE 2119 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 35 55	10♊ 4'54	17♓34	2♋58	22♋51	16♌16	4♊46	9♊18	10♋ 1	26°R22	22♉19	5°R18	5♓30	22♊13	4♈57	T 1
F 2	16 39 52	11° 2'27	0♈25	3°50	23°33	16°49	5° 0	9°26	10° 5	26♎21	22°20	5♓17	5°27	22°19	4°59	F 2
S 3	16 43 48	12° 0'00	12°59	4°38	24°13	17°22	5°14	9°34	10° 8	26°20	22°22	5°14	5°23	22°26	5° 1	S 3
S 4	16 47 45	12°57'31	25°20	5°22	24°52	17°55	5°28	9°42	10°11	26°19	22°23	5° 8	5°20	22°33	5° 3	S 4
M 5	16 51 41	13°55'02	7♉30	6° 1	25°29	18°28	5°42	9°49	10°14	26°18	22°24	5° 0	5°17	22°40	5° 4	M 5
T 6	16 55 38	14°52'32	19°34	6°37	26° 6	19° 1	5°56	9°57	10°18	26°17	22°26	4°49	5°14	22°46	5° 6	T 6
W 7	16 59 34	15°50'01	1♊32	7° 7	26°42	19°34	6°10	10° 5	10°21	26°16	22°27	4°36	5°11	22°53	5° 8	W 7
T 8	17 3 31	16°47'30	13°26	7°34	27°16	20° 8	6°24	10°13	10°25	26°15	22°28	4°23	5° 8	23° 0	5° 9	T 8
F 9	17 7 27	17°44'57	25°18	7°56	27°48	20°41	6°38	10°20	10°28	26°14	22°29	4° 9	5° 4	23° 7	5°11	F 9
S 10	17 11 24	18°42'24	7♋ 9	8°13	28°20	21°15	6°52	10°28	10°31	26°13	22°31	3°57	5° 1	23°13	5°12	S 10
S 11	17 15 21	19°39'49	19° 0	8°26	28°50	21°49	7° 6	10°36	10°35	26°12	22°32	3°48	4°58	23°20	5°14	S 11
M12	17 19 17	20°37'14	0♌55	8°34	29°18	22°22	7°20	10°44	10°38	26°12	22°33	3°41	4°55	23°27	5°15	M12
T 13	17 23 14	21°34'37	12°56	8°R38	29°45	22°56	7°34	10°51	10°42	26°11	22°34	3°37	4°52	23°33	5°17	T 13
W14	17 27 10	22°32'00	25° 7	8°37	0♌10	23°30	7°48	10°59	10°45	26°10	22°36	3°35	4°49	23°40	5°18	W14
T 15	17 31 7	23°29'21	7♍31	8°32	0°34	24° 4	8° 2	11° 7	10°49	26° 9	22°37	3°D35	4°45	23°47	5°19	T 15
F 16	17 35 3	24°26'42	20°13	8°22	0°56	24°38	8°15	11°14	10°52	26° 9	22°38	3°R35	4°42	23°54	5°21	F 16
S 17	17 39 0	25°24'01	3♎18	8° 9	1°16	25°12	8°29	11°22	10°56	26° 8	22°39	3°35	4°39	24° 0	5°22	S 17
S 18	17 42 57	26°21'20	16°49	7°51	1°34	25°46	8°43	11°30	10°59	26° 7	22°40	3°33	4°36	24° 7	5°23	S 18
M19	17 46 53	27°18'38	0♏49	7°30	1°50	26°21	8°57	11°37	11° 3	26° 7	22°41	3°29	4°33	24°14	5°24	M19
T 20	17 50 50	28°15'55	15°17	7° 5	2° 4	26°55	9°10	11°45	11° 6	26° 6	22°43	3°23	4°29	24°20	5°25	T 20
W21	17 54 46	29°13'11	0♐10	6°37	2°17	27°30	9°24	11°52	11°10	26° 6	22°44	3°15	4°26	24°27	5°26	W21
T 22	17 58 43	0♋10'26	15°21	6° 7	2°27	28° 4	9°38	12° 0	11°13	26° 5	22°45	3° 6	4°23	24°34	5°27	T 22
F 23	18 2 39	1° 7'41	0♑40	5°35	2°35	28°39	9°51	12° 7	11°17	26° 5	22°46	2°57	4°20	24°41	5°28	F 23
S 24	18 6 36	2° 4'56	15°55	5° 1	2°40	29°13	10° 5	12°15	11°21	26° 4	22°47	2°50	4°17	24°47	5°29	S 24
S 25	18 10 32	3° 2'10	0♒57	4°27	2°44	29°48	10°18	12°22	11°24	26° 4	22°48	2°44	4°14	24°54	5°29	S 25
M26	18 14 29	3°59'24	15°36	3°52	2°R45	0♍23	10°32	12°30	11°28	26° 3	22°49	2°41	4°10	25° 1	5°30	M26
T 27	18 18 26	4°56'37	29°48	3°17	2°44	0°57	10°45	12°37	11°31	26° 3	22°50	2°D39	4° 7	25° 7	5°31	T 27
W28	18 22 22	5°53'51	13♓32	2°44	2°40	1°32	10°59	12°45	11°35	26° 3	22°51	2°40	4° 4	25°14	5°31	W28
T 29	18 26 19	6°51'04	26°49	2°11	2°35	2° 7	11°12	12°52	11°38	26° 2	22°52	2°41	4° 1	25°21	5°32	T 29
F 30	18 30 15	7♋48'18	9♈42	1♋41	2♌26	2♍42	11♊25	12♊59	11♋42	26♎ 2	22♉53	2°R41	3♓58	25♊28	5♈32	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n57	3s55	1n 4	25n 8	1n44	24n17	2n50	17n23	1n30	20n25	0s40	20n16	1s35	23n23	0n20	8s33	1n44	4n 8	14s39	9s34	9s29	28n 7	4n57	3n15
F 2	22 5	2n 8	2 8	24 58	1 36	24 6	2 46	17 12	1 29	20 28	0 40	20 17	1 35	23 23	0 20	8 33	1 44	4 9	14 40	9 34	9 31	28 7	4 58	3 15
S 3	22 13	7 58	3 5	24 48	1 27	23 55	2 42	17 1	1 28	20 31	0 40	20 18	1 35	23 22	0 20	8 32	1 44	4 9	14 40	9 35	9 32	28 7	4 58	3 15
S 4	22 20	13 23	3 51	24 36	1 17	23 44	2 37	16 50	1 27	20 33	0 40	20 19	1 35	23 22	0 20	8 32	1 44	4 9	14 40	9 37	9 33	28 7	4 59	3 15
M 5	22 27	18 12	4 27	24 24	1 6	23 32	2 33	16 39	1 26	20 36	0 40	20 20	1 35	23 22	0 20	8 32	1 44	4 9	14 40	9 40	9 34	28 8	5 0	3 15
T 6	22 34	22 15	4 50	24 10	0 55	23 20	2 28	16 28	1 26	20 38	0 40	20 22	1 35	23 22	0 20	8 31	1 44	4 10	14 40	9 44	9 35	28 8	5 1	3 15
W 7	22 40	25 20	5 0	23 56	0 42	23 8	2 23	16 17	1 25	20 41	0 40	20 23	1 35	23 21	0 20	8 31	1 44	4 10	14 40	9 49	9 36	28 8	5 1	3 15
T 8	22 46	27 18	4 56	23 42	0 29	22 56	2 17	16 6	1 24	20 43	0 39	20 24	1 35	23 21	0 20	8 31	1 44	4 10	14 40	9 54	9 38	28 8	5 2	3 15
F 9	22 52	28 1	4 40	23 27	0 16	22 44	2 11	15 54	1 23	20 45	0 39	20 25	1 35	23 21	0 20	8 30	1 44	4 10	14 40	9 59	9 39	28 8	5 3	3 15
S 10	22 57	27 26	4 12	23 11	0 1	22 32	2 5	15 43	1 22	20 48	0 39	20 26	1 35	23 21	0 20	8 30	1 44	4 10	14 40	10 3	9 40	28 8	5 4	3 16
S 11	23 1	25 35	3 33	22 56	0s14	22 19	1 59	15 31	1 22	20 50	0 39	20 27	1 35	23 20	0 20	8 30	1 44	4 11	14 40	10 7	9 41	28 8	5 4	3 16
M12	23 6	22 36	2 44	22 40	0 29	22 7	1 52	15 19	1 21	20 53	0 39	20 29	1 35	23 20	0 20	8 30	1 44	4 11	14 40	10 9	9 42	28 8	5 5	3 16
T 13	23 10	18 38	1 47	22 23	0 46	21 54	1 45	15 7	1 20	20 55	0 39	20 30	1 35	23 20	0 20	8 29	1 44	4 11	14 41	10 11	9 43	28 8	5 6	3 16
W14	23 13	13 51	0 45	22 7	1 2	21 41	1 37	14 55	1 19	20 57	0 39	20 31	1 35	23 20	0 20	8 29	1 44	4 11	14 41	10 11	9 45	28 8	5 6	3 16
T 15	23 16	8 25	0s21	21 51	1 19	21 29	1 30	14 43	1 18	20 59	0 39	20 32	1 35	23 19	0 20	8 29	1 44	4 11	14 41	10 11	9 46	28 8	5 7	3 16
F 16	23 19	2 32	1 27	21 34	1 36	21 16	1 21	14 31	1 18	21 2	0 39	20 33	1 35	23 19	0 20	8 29	1 44	4 11	14 41	10 11	9 47	28 8	5 7	3 16
S 17	23 21	3s37	2 31	21 18	1 53	21 3	1 13	14 19	1 17	21 4	0 39	20 34	1 35	23 19	0 20	8 29	1 44	4 12	14 41	10 11	9 48	28 8	5 8	3 16
S 18	23 23	9 49	3 29	21 2	2 9	20 51	1 4	14 7	1 16	21 6	0 39	20 35	1 35	23 18	0 20	8 28	1 44	4 12	14 41	10 12	9 49	28 8	5 9	3 16
M19	23 24	15 45	4 16	20 47	2 26	20 38	0 55	13 55	1 15	21 8	0 39	20 36	1 35	23 18	0 20	8 28	1 44	4 12	14 41	10 13	9 50	28 8	5 9	3 17
T 20	23 25	21 0	4 49	20 32	2 43	20 25	0 45	13 42	1 15	21 10	0 39	20 37	1 35	23 18	0 20	8 28	1 43	4 12	14 42	10 16	9 51	28 8	5 10	3 17
W21	23 25	25 6	5 3	20 17	2 58	20 13	0 35	13 30	1 14	21 13	0 39	20 38	1 35	23 18	0 20	8 28	1 43	4 12	14 42	10 18	9 53	28 8	5 10	3 17
T 22	23 26	27 32	4 57	20 4	3 14	20 1	0 25	13 17	1 13	21 15	0 39	20 39	1 35	23 17	0 20	8 28	1 43	4 12	14 42	10 22	9 54	28 8	5 11	3 17
F 23	23 25	27 54	4 29	19 51	3 28	19 49	0 15	13 4	1 12	21 17	0 39	20 40	1 35	23 17	0 20	8 28	1 43	4 12	14 42	10 25	9 55	28 8	5 11	3 17
S 24	23 25	26 9	3 42	19 39	3 41	19 37	0 4	12 51	1 12	21 19	0 39	20 41	1 35	23 17	0 20	8 27	1 43	4 12	14 42	10 28	9 56	28 8	5 11	3 17
S 25	23 23	22 33	2 41	19 27	3 54	19 25	0s 8	12 39	1 11	21 21	0 39	20 42	1 35	23 16	0 20	8 27	1 43	4 13	14 42	10 30	9 57	28 8	5 12	3 17
M26	23 22	17 35	1 30	19 17	4 5	19 13	0 20	12 26	1 10	21 23	0 39	20 43	1 35	23 16	0 20	8 27	1 43	4 13	14 42	10 31	9 58	28 8	5 12	3 17
T 27	23 20	11 46	0 15	19 8	4 15	19 2	0 32	12 13	1 9	21 25	0 38	20 44	1 35	23 16	0 20	8 27	1 43	4 13	14 43	10 31	10 0	28 8	5 13	3 17
W28	23 18	5 35	0n58	19 1	4 23	18 50	0 44	11 59	1 9	21 27	0 38	20 45	1 35	23 15	0 20	8 27	1 43	4 13	14 43	10 31	10 1	28 8	5 13	3 18
T 29	23 15	0n40	2 6	18 54	4 30	18 39	0 57	11 46	1 8	21 28	0 38	20 46	1 35	23 15	0 20	8 27	1 43	4 13	14 43	10 31	10 2	28 8	5 13	3 18
F 30	23n12	6n41	3n 5	18n49	4s36	18n29	1s10	11n33	1n 7	21n30	0s38	20n47	1s35	23n15	0n20	8s27	1n43	4n13	14s43	10s31	10s 3	28n 8	5n14	3n18

Julian Day Number = 2495159.5, Delta T = 102.95 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'32, Lahiri = 25°31'32

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ASTRODIENST EPHEMERIS for the year 2119
geocentric

JULY 2119 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 34 12	8♋45'31	22♈15	1°R13	2°R16	3♍17	11♊39	13♊ 7	11♋46	26°R 2	22♉54	2°R40	3♓55	25♊34	5♈33	S 1
S 2	18 38 8	9°42'45	4♉32	0♋48	2♌ 3	3°52	11°52	13°14	11°49	26♎ 2	22°55	2♓37	3°51	25°41	5°33	S 2
M 3	18 42 5	10°39'58	16°38	0°27	1°47	4°28	12° 5	13°21	11°53	26° 1	22°56	2°32	3°48	25°48	5°34	M 3
T 4	18 46 1	11°37'12	28°36	0°10	1°30	5° 3	12°18	13°28	11°57	26° 1	22°57	2°25	3°45	25°54	5°34	T 4
W 5	18 49 58	12°34'26	10♊29	29♊56	1°10	5°38	12°31	13°36	12° 0	26° 1	22°58	2°16	3°42	26° 1	5°34	W 5
T 6	18 53 55	13°31'40	22°21	29°48	0°47	6°14	12°44	13°43	12° 4	26° 1	22°59	2° 7	3°39	26° 8	5°34	T 6
F 7	18 57 51	14°28'54	4♋12	29°D43	0°23	6°49	12°57	13°50	12° 7	26° 1	23° 0	1°58	3°35	26°15	5°34	F 7
S 8	19 1 48	15°26'07	16° 5	29°44	29♋57	7°25	13°10	13°57	12°11	26°D 1	23° 1	1°50	3°32	26°21	5°34	S 8
S 9	19 5 44	16°23'21	28° 2	29°49	29°29	8° 0	13°23	14° 4	12°15	26° 1	23° 2	1°44	3°29	26°28	5°R35	S 9
M10	19 9 41	17°20'35	10♌ 4	0♌ 0	28°59	8°36	13°36	14°11	12°18	26° 1	23° 3	1°39	3°26	26°35	5°35	M10
T 11	19 13 37	18°17'49	22°14	0°16	28°27	9°12	13°49	14°18	12°22	26° 1	23° 4	1°37	3°23	26°41	5°34	T 11
W12	19 17 34	19°15'03	4♍33	0°37	27°54	9°47	14° 2	14°25	12°26	26° 1	23° 4	1°D37	3°20	26°48	5°34	W12
T 13	19 21 30	20°12'16	17° 4	1° 3	27°19	10°23	14°14	14°31	12°29	26° 1	23° 5	1°37	3°16	26°55	5°34	T 13
F 14	19 25 27	21° 9'30	29°51	1°34	26°44	10°59	14°27	14°38	12°33	26° 2	23° 6	1°39	3°13	27° 2	5°34	F 14
S 15	19 29 24	22° 6'44	12♎57	2°11	26° 8	11°35	14°39	14°45	12°36	26° 2	23° 7	1°40	3°10	27° 8	5°34	S 15
S 16	19 33 20	23° 3'57	26°26	2°52	25°31	12°11	14°52	14°52	12°40	26° 2	23° 8	1°R40	3° 7	27°15	5°33	S 16
M17	19 37 17	24° 1'11	10♏18	3°39	24°53	12°47	15° 4	14°58	12°43	26° 2	23° 8	1°39	3° 4	27°22	5°33	M17
T 18	19 41 13	24°58'24	24°34	4°30	24°16	13°23	15°17	15° 5	12°47	26° 3	23° 9	1°37	3° 1	27°28	5°32	T 18
W19	19 45 10	25°55'38	9♐12	5°27	23°38	13°59	15°29	15°12	12°51	26° 3	23°10	1°33	2°57	27°35	5°32	W19
T 20	19 49 6	26°52'52	24° 7	6°28	23° 1	14°36	15°41	15°18	12°54	26° 3	23°10	1°28	2°54	27°42	5°31	T 20
F 21	19 53 3	27°50'06	9♑12	7°35	22°25	15°12	15°53	15°25	12°58	26° 4	23°11	1°23	2°51	27°49	5°31	F 21
S 22	19 57 0	28°47'20	24°18	8°46	21°49	15°48	16° 5	15°31	13° 1	26° 4	23°12	1°19	2°48	27°55	5°30	S 22
S 23	20 0 56	29°44'35	9♒14	10° 1	21°14	16°25	16°17	15°37	13° 5	26° 5	23°12	1°16	2°45	28° 2	5°29	S 23
M24	20 4 53	0♌41'50	23°53	11°22	20°40	17° 1	16°29	15°44	13° 8	26° 5	23°13	1°15	2°41	28° 9	5°29	M24
T 25	20 8 49	1°39'06	8♓ 9	12°47	20° 8	17°38	16°41	15°50	13°12	26° 6	23°14	1°D15	2°38	28°15	5°28	T 25
W26	20 12 46	2°36'22	21°58	14°16	19°38	18°14	16°53	15°56	13°15	26° 6	23°14	1°16	2°35	28°22	5°27	W26
T 27	20 16 42	3°33'40	5♈21	15°49	19° 9	18°51	17° 4	16° 2	13°19	26° 7	23°15	1°17	2°32	28°29	5°26	T 27
F 28	20 20 39	4°30'58	18°19	17°26	18°42	19°28	17°16	16° 8	13°22	26° 7	23°15	1°19	2°29	28°35	5°25	F 28
S 29	20 24 35	5°28'17	0♉56	19° 8	18°17	20° 4	17°28	16°14	13°25	26° 8	23°16	1°R20	2°26	28°42	5°24	S 29
S 30	20 28 32	6°25'37	13°15	20°53	17°55	20°41	17°39	16°20	13°29	26° 9	23°16	1°19	2°22	28°49	5°23	S 30
M31	20 32 29	7♌22'58	25♉21	22♋41	17♋34	21♍18	17♊50	16♊26	13♋32	26♎ 9	23♉17	1♓18	2♓19	28♊56	5♈22	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 8	12n16	3n54	18n46	4s40	18n18	1s23	11n20	1n 6	21n32	0s38	20n48	1s35	23n14	0n20	8s27	1n43	4n13	14s43	10s31	10s 4	28n 8	5n14	3n18
S 2	23 4	17 16	4 31	18 43	4 42	18 8	1 36	11 6	1 6	21 34	0 38	20 49	1 35	23 14	0 20	8 27	1 43	4 13	14 44	10 32	10 5	28 8	5 14	3 18
M 3	23 0	21 30	4 55	18 42	4 43	17 58	1 50	10 53	1 5	21 36	0 38	20 49	1 35	23 14	0 20	8 27	1 43	4 13	14 44	10 34	10 6	28 8	5 14	3 18
T 4	22 55	24 48	5 5	18 43	4 43	17 48	2 4	10 39	1 4	21 37	0 38	20 50	1 35	23 14	0 20	8 27	1 43	4 13	14 44	10 37	10 8	28 8	5 15	3 18
W 5	22 50	27 0	5 3	18 45	4 41	17 39	2 18	10 25	1 4	21 39	0 38	20 51	1 35	23 13	0 20	8 27	1 43	4 13	14 44	10 40	10 9	28 8	5 15	3 18
T 6	22 44	27 59	4 48	18 48	4 37	17 30	2 32	10 12	1 3	21 41	0 38	20 52	1 35	23 13	0 20	8 27	1 43	4 13	14 44	10 43	10 10	28 7	5 15	3 19
F 7	22 38	27 41	4 20	18 53	4 33	17 21	2 46	9 58	1 2	21 43	0 38	20 53	1 35	23 13	0 20	8 27	1 43	4 13	14 45	10 46	10 11	28 7	5 15	3 19
S 8	22 32	26 6	3 40	18 58	4 27	17 12	3 1	9 44	1 1	21 44	0 38	20 54	1 35	23 12	0 20	8 27	1 43	4 13	14 45	10 49	10 12	28 7	5 15	3 19
S 9	22 25	23 20	2 51	19 5	4 20	17 4	3 15	9 30	1 1	21 46	0 38	20 54	1 35	23 12	0 20	8 27	1 42	4 13	14 45	10 51	10 13	28 7	5 15	3 19
M10	22 18	19 32	1 54	19 13	4 12	16 57	3 29	9 16	1 0	21 47	0 38	20 55	1 35	23 12	0 20	8 27	1 42	4 13	14 45	10 53	10 15	28 7	5 15	3 19
T 11	22 11	14 54	0 51	19 22	4 4	16 49	3 43	9 2	0 59	21 49	0 38	20 56	1 35	23 11	0 20	8 27	1 42	4 13	14 45	10 54	10 16	28 7	5 16	3 19
W12	22 3	9 36	0s16	19 32	3 54	16 42	3 57	8 48	0 59	21 51	0 38	20 57	1 35	23 11	0 20	8 27	1 42	4 13	14 46	10 54	10 17	28 6	5 16	3 19
T 13	21 54	3 50	1 23	19 42	3 43	16 36	4 10	8 34	0 58	21 52	0 38	20 58	1 35	23 11	0 20	8 27	1 42	4 13	14 46	10 53	10 18	28 6	5 16	3 19
F 14	21 46	2s12	2 27	19 53	3 32	16 29	4 23	8 19	0 57	21 54	0 38	20 58	1 35	23 10	0 20	8 27	1 42	4 13	14 46	10 53	10 19	28 6	5 16	3 19
S 15	21 37	8 16	3 26	20 4	3 20	16 23	4 36	8 5	0 56	21 55	0 38	20 59	1 35	23 10	0 20	8 28	1 42	4 13	14 46	10 53	10 20	28 6	5 16	3 20
S 16	21 27	14 8	4 14	20 16	3 8	16 18	4 49	7 51	0 56	21 56	0 38	21 0	1 35	23 10	0 20	8 28	1 42	4 13	14 47	10 52	10 21	28 6	5 16	3 20
M17	21 18	19 29	4 50	20 28	2 55	16 13	5 0	7 36	0 55	21 58	0 38	21 0	1 35	23 9	0 20	8 28	1 42	4 13	14 47	10 53	10 23	28 5	5 16	3 20
T 18	21 7	23 53	5 9	20 39	2 42	16 8	5 12	7 22	0 54	21 59	0 38	21 1	1 35	23 9	0 20	8 28	1 42	4 13	14 47	10 54	10 24	28 5	5 15	3 20
W19	20 57	26 54	5 8	20 51	2 28	16 4	5 23	7 7	0 54	22 1	0 38	21 2	1 35	23 9	0 20	8 28	1 42	4 13	14 47	10 55	10 25	28 5	5 15	3 20
T 20	20 46	28 5	4 47	21 2	2 15	16 0	5 33	6 53	0 53	22 2	0 38	21 2	1 35	23 8	0 20	8 28	1 42	4 13	14 48	10 57	10 26	28 5	5 15	3 20
F 21	20 35	27 12	4 6	21 12	2 1	15 56	5 42	6 38	0 52	22 3	0 38	21 3	1 35	23 8	0 20	8 29	1 42	4 13	14 48	10 59	10 27	28 4	5 15	3 20
S 22	20 23	24 20	3 8	21 22	1 46	15 53	5 51	6 23	0 52	22 4	0 38	21 4	1 35	23 8	0 20	8 29	1 42	4 12	14 48	11 0	10 28	28 4	5 15	3 20
S 23	20 12	19 49	1 57	21 31	1 32	15 50	5 59	6 8	0 51	22 6	0 38	21 4	1 35	23 7	0 20	8 29	1 42	4 12	14 48	11 1	10 29	28 4	5 15	3 20
M24	19 59	14 11	0 40	21 39	1 18	15 48	6 7	5 54	0 50	22 7	0 38	21 5	1 35	23 7	0 20	8 29	1 42	4 12	14 49	11 2	10 31	28 4	5 15	3 21
T 25	19 47	7 56	0n38	21 45	1 4	15 46	6 13	5 39	0 50	22 8	0 38	21 6	1 35	23 7	0 20	8 30	1 42	4 12	14 49	11 2	10 32	28 3	5 14	3 21
W26	19 34	1 29	1 51	21 50	0 50	15 44	6 19	5 24	0 49	22 9	0 38	21 6	1 35	23 6	0 21	8 30	1 42	4 12	14 49	11 1	10 33	28 3	5 14	3 21
T 27	19 21	4n49	2 56	21 53	0 37	15 43	6 24	5 9	0 48	22 10	0 38	21 7	1 35	23 6	0 21	8 30	1 42	4 12	14 49	11 1	10 34	28 3	5 14	3 21
F 28	19 7	10 43	3 50	21 54	0 23	15 42	6 29	4 54	0 47	22 12	0 38	21 7	1 35	23 6	0 21	8 30	1 41	4 12	14 50	11 0	10 35	28 2	5 14	3 21
S 29	18 53	16 1	4 31	21 53	0 10	15 41	6 33	4 39	0 47	22 13	0 38	21 8	1 35	23 5	0 21	8 31	1 41	4 12	14 50	11 0	10 36	28 2	5 13	3 21
S 30	18 39	20 33	4 59	21 50	0n 2	15 41	6 36	4 24	0 46	22 14	0 38	21 8	1 36	23 5	0 21	8 31	1 41	4 12	14 50	11 0	10 37	28 2	5 13	3 21
M31	18n25	24n 8	5n12	21n45	0n14	15n41	6s38	4n 9	0n45	22n15	0s38	21n 9	1s36	23n 5	0n21	8s31	1n41	4n11	14s50	11s 0	10s39	28n 1	5n13	3n21

Julian Day Number = 2495189.5, Delta T = 102.99 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'36, Lahiri = 25°31'36

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ASTRODIENST EPHEMERIS for the year 2119
geocentric

AUGUST 2119 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 36 25	8♌20'20	7♊18	24♋32	17°R16	21♍55	18♊ 2	16♊32	13♋36	26♎10	23♉17	1°R16	2♓16	29♊ 2	5°R21	T 1
W 2	20 40 22	9°17'43	19°10	26°27	17♋ 0	22°32	18°13	16°38	13°39	26°11	23°18	1♓13	2°13	29° 9	5♈20	W 2
T 3	20 44 18	10°15'08	1♋ 1	28°23	16°47	23° 9	18°24	16°43	13°42	26°12	23°18	1°10	2°10	29°16	5°18	T 3
F 4	20 48 15	11°12'33	12°54	0♌22	16°36	23°46	18°35	16°49	13°46	26°13	23°19	1° 6	2° 7	29°22	5°17	F 4
S 5	20 52 11	12° 9'59	24°52	2°23	16°27	24°23	18°46	16°55	13°49	26°14	23°19	1° 4	2° 3	29°29	5°16	S 5
S 6	20 56 8	13° 7'26	6♌57	4°25	16°21	25° 1	18°57	17° 0	13°52	26°14	23°20	1° 1	2° 0	29°36	5°14	S 6
M 7	21 0 4	14° 4'54	19°10	6°28	16°17	25°38	19° 7	17° 5	13°56	26°15	23°20	1° 0	1°57	29°43	5°13	M 7
T 8	21 4 1	15° 2'23	1♍33	8°32	16°D15	26°15	19°18	17°11	13°59	26°16	23°20	1°D 0	1°54	29°49	5°11	T 8
W 9	21 7 58	15°59'52	14° 8	10°36	16°16	26°53	19°29	17°16	14° 2	26°17	23°21	1° 0	1°51	29°56	5°10	W 9
T 10	21 11 54	16°57'23	26°55	12°41	16°19	27°30	19°39	17°21	14° 5	26°18	23°21	1° 1	1°47	0♋ 3	5° 8	T 10
F 11	21 15 51	17°54'54	9♎56	14°45	16°24	28° 8	19°49	17°26	14° 8	26°19	23°21	1° 2	1°44	0° 9	5° 7	F 11
S 12	21 19 47	18°52'27	23°13	16°49	16°32	28°45	20° 0	17°31	14°11	26°20	23°21	1° 3	1°41	0°16	5° 5	S 12
S 13	21 23 44	19°50'00	6♏46	18°53	16°41	29°23	20°10	17°36	14°15	26°22	23°22	1° 4	1°38	0°23	5° 3	S 13
M14	21 27 40	20°47'34	20°36	20°56	16°53	0♎ 0	20°20	17°41	14°18	26°23	23°22	1°R 4	1°35	0°29	5° 1	M14
T 15	21 31 37	21°45'09	4♐43	22°57	17° 7	0°38	20°30	17°46	14°21	26°24	23°22	1° 4	1°32	0°36	5° 0	T 15
W16	21 35 33	22°42'44	19° 5	24°58	17°22	1°16	20°39	17°51	14°24	26°25	23°22	1° 3	1°28	0°43	4°58	W16
T 17	21 39 30	23°40'21	3♑40	26°58	17°40	1°54	20°49	17°56	14°27	26°26	23°22	1° 3	1°25	0°50	4°56	T 17
F 18	21 43 27	24°37'59	18°21	28°56	17°59	2°32	20°59	18° 0	14°30	26°28	23°22	1° 2	1°22	0°56	4°54	F 18
S 19	21 47 23	25°35'37	3♒ 4	0♍53	18°20	3°10	21° 8	18° 5	14°33	26°29	23°23	1° 1	1°19	1° 3	4°52	S 19
S 20	21 51 20	26°33'17	17°41	2°49	18°43	3°48	21°17	18° 9	14°36	26°30	23°23	1° 1	1°16	1°10	4°50	S 20
M21	21 55 16	27°30'58	2♓ 6	4°44	19° 8	4°26	21°27	18°13	14°39	26°31	23°23	1°D 1	1°13	1°16	4°48	M21
T 22	21 59 13	28°28'40	16°14	6°37	19°34	5° 4	21°36	18°18	14°41	26°33	23°23	1° 1	1° 9	1°23	4°46	T 22
W23	22 3 9	29°26'24	0♈ 1	8°29	20° 2	5°42	21°45	18°22	14°44	26°34	23°23	1° 1	1° 6	1°30	4°44	W23
T 24	22 7 6	0♍24'09	13°25	10°19	20°32	6°20	21°54	18°26	14°47	26°36	23°R23	1° 1	1° 3	1°37	4°42	T 24
F 25	22 11 2	1°21'56	26°26	12° 8	21° 3	6°58	22° 2	18°30	14°50	26°37	23°23	1°R 1	1° 0	1°43	4°40	F 25
S 26	22 14 59	2°19'45	9♉ 5	13°56	21°35	7°37	22°11	18°34	14°52	26°38	23°23	1° 1	0°57	1°50	4°37	S 26
S 27	22 18 56	3°17'35	21°27	15°42	22° 9	8°15	22°19	18°38	14°55	26°40	23°23	1° 1	0°53	1°57	4°35	S 27
M28	22 22 52	4°15'27	3♊35	17°27	22°44	8°54	22°28	18°41	14°58	26°41	23°23	1°D 1	0°50	2° 3	4°33	M28
T 29	22 26 49	5°13'21	15°32	19°10	23°20	9°32	22°36	18°45	15° 0	26°43	23°23	1° 1	0°47	2°10	4°31	T 29
W30	22 30 45	6°11'16	27°25	20°52	23°58	10°11	22°44	18°48	15° 3	26°44	23°22	1° 1	0°44	2°17	4°28	W30
T 31	22 34 42	7♍ 9'14	9♋17	22♍33	24♋36	10♎49	22♊52	18♊52	15♋ 6	26♎46	23♉22	1♓ 2	0♓41	2♋23	4♈26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	18n10	26n39	5n12	21n37	0n26	15n42	6s40	3n53	0n45	22n16	0s38	21n10	1s36	23n 4	0n21	8s32	1n41	4n11	14s51	11s 1	10s40	28n 1	5n12	3n21
W 2	17 55	27 57	4 59	21 27	0 36	15 42	6 41	3 38	0 44	22 17	0 38	21 10	1 36	23 4	0 21	8 32	1 41	4 11	14 51	11 2	10 41	28 1	5 12	3 21
T 3	17 40	27 58	4 33	21 14	0 46	15 43	6 42	3 23	0 43	22 18	0 38	21 11	1 36	23 4	0 21	8 32	1 41	4 11	14 51	11 3	10 42	28 0	5 11	3 22
F 4	17 24	26 42	3 55	20 58	0 56	15 45	6 42	3 8	0 43	22 19	0 38	21 11	1 36	23 3	0 21	8 33	1 41	4 11	14 51	11 4	10 43	28 0	5 11	3 22
S 5	17 8	24 12	3 6	20 40	1 4	15 46	6 42	2 52	0 42	22 20	0 38	21 11	1 36	23 3	0 21	8 33	1 41	4 11	14 52	11 6	10 44	28 0	5 10	3 22
S 6	16 52	20 36	2 9	20 19	1 12	15 48	6 41	2 37	0 41	22 21	0 38	21 12	1 36	23 3	0 21	8 33	1 41	4 10	14 52	11 6	10 45	27 59	5 10	3 22
M 7	16 36	16 6	1 5	19 55	1 19	15 50	6 39	2 21	0 41	22 21	0 38	21 12	1 36	23 2	0 21	8 34	1 41	4 10	14 52	11 7	10 46	27 59	5 10	3 22
T 8	16 19	10 52	0s 3	19 29	1 25	15 52	6 37	2 6	0 40	22 22	0 38	21 13	1 36	23 2	0 21	8 34	1 41	4 10	14 53	11 7	10 48	27 58	5 9	3 22
W 9	16 2	5 8	1 12	19 1	1 31	15 54	6 35	1 51	0 39	22 23	0 38	21 13	1 36	23 2	0 21	8 34	1 41	4 10	14 53	11 7	10 49	27 58	5 8	3 22
T 10	15 45	0s54	2 18	18 31	1 35	15 56	6 32	1 35	0 39	22 24	0 38	21 14	1 36	23 2	0 21	8 35	1 41	4 10	14 53	11 6	10 50	27 58	5 8	3 22
F 11	15 27	6 59	3 19	17 58	1 39	15 59	6 29	1 20	0 38	22 25	0 38	21 14	1 36	23 1	0 21	8 35	1 41	4 9	14 53	11 6	10 51	27 57	5 7	3 22
S 12	15 9	12 53	4 10	17 24	1 42	16 1	6 26	1 4	0 37	22 26	0 38	21 14	1 36	23 1	0 21	8 36	1 41	4 9	14 54	11 6	10 52	27 57	5 7	3 22
S 13	14 52	18 18	4 49	16 48	1 44	16 4	6 22	0 48	0 37	22 26	0 38	21 15	1 37	23 1	0 21	8 36	1 41	4 9	14 54	11 5	10 53	27 56	5 6	3 22
M14	14 33	22 53	5 11	16 10	1 45	16 7	6 18	0 33	0 36	22 27	0 38	21 15	1 37	23 0	0 21	8 37	1 41	4 9	14 54	11 5	10 54	27 56	5 5	3 22
T 15	14 15	26 15	5 16	15 31	1 46	16 9	6 14	0 17	0 35	22 28	0 38	21 16	1 37	23 0	0 21	8 37	1 41	4 9	14 54	11 5	10 56	27 55	5 5	3 22
W16	13 56	27 59	5 1	14 51	1 46	16 12	6 9	0 2	0 35	22 28	0 38	21 16	1 37	23 0	0 21	8 38	1 41	4 8	14 55	11 6	10 57	27 55	5 4	3 23
T 17	13 37	27 49	4 27	14 10	1 45	16 14	6 4	0s14	0 34	22 29	0 38	21 16	1 37	22 59	0 21	8 38	1 40	4 8	14 55	11 6	10 58	27 55	5 3	3 23
F 18	13 18	25 43	3 35	13 27	1 43	16 17	5 59	0 30	0 33	22 30	0 38	21 17	1 37	22 59	0 21	8 39	1 40	4 8	14 55	11 6	10 59	27 54	5 3	3 23
S 19	12 59	21 53	2 29	12 44	1 42	16 19	5 54	0 45	0 33	22 30	0 38	21 17	1 37	22 59	0 21	8 39	1 40	4 8	14 56	11 6	11 0	27 54	5 2	3 23
S 20	12 39	16 41	1 13	12 0	1 39	16 22	5 49	1 1	0 32	22 31	0 38	21 17	1 37	22 58	0 21	8 40	1 40	4 7	14 56	11 6	11 1	27 53	5 1	3 23
M21	12 20	10 38	0n 6	11 16	1 36	16 24	5 43	1 17	0 31	22 32	0 38	21 17	1 37	22 58	0 21	8 40	1 40	4 7	14 56	11 6	11 2	27 53	5 1	3 23
T 22	12 0	4 9	1 23	10 31	1 33	16 26	5 38	1 32	0 31	22 32	0 38	21 18	1 37	22 58	0 21	8 41	1 40	4 7	14 56	11 6	11 3	27 52	5 0	3 23
W23	11 40	2n22	2 34	9 45	1 29	16 28	5 32	1 48	0 30	22 33	0 38	21 18	1 37	22 58	0 21	8 41	1 40	4 7	14 57	11 6	11 5	27 52	4 59	3 23
T 24	11 19	8 35	3 34	9 0	1 24	16 29	5 26	2 4	0 29	22 33	0 38	21 18	1 37	22 57	0 21	8 42	1 40	4 6	14 57	11 6	11 6	27 51	4 58	3 23
F 25	10 59	14 15	4 21	8 14	1 19	16 31	5 20	2 20	0 29	22 34	0 38	21 18	1 38	22 57	0 21	8 42	1 40	4 6	14 57	11 6	11 7	27 50	4 57	3 23
S 26	10 38	19 10	4 54	7 28	1 14	16 32	5 14	2 35	0 28	22 34	0 38	21 19	1 38	22 57	0 21	8 43	1 40	4 6	14 58	11 6	11 8	27 50	4 57	3 23
S 27	10 18	23 8	5 13	6 42	1 9	16 33	5 7	2 51	0 28	22 35	0 38	21 19	1 38	22 56	0 21	8 43	1 40	4 5	14 58	11 6	11 9	27 49	4 56	3 23
M28	9 57	26 2	5 17	5 56	1 3	16 34	5 1	3 7	0 27	22 35	0 38	21 19	1 38	22 56	0 21	8 44	1 40	4 5	14 58	11 6	11 10	27 49	4 55	3 23
T 29	9 35	27 44	5 7	5 9	0 57	16 34	4 55	3 22	0 26	22 36	0 38	21 19	1 38	22 56	0 21	8 44	1 40	4 5	14 58	11 6	11 11	27 48	4 54	3 23
W30	9 14	28 8	4 44	4 24	0 51	16 34	4 48	3 38	0 26	22 36	0 38	21 20	1 38	22 56	0 21	8 45	1 40	4 5	14 59	11 6	11 12	27 48	4 53	3 23
T 31	8n53	27n15	4n 9	3n38	0n44	16n34	4s42	3s54	0n25	22n37	0s38	21n20	1s38	22n55	0n21	8s46	1n40	4n 4	14s59	11s 6	11s14	27n47	4n52	3n23

Julian Day Number = 2495220.5, Delta T = 103.04 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'40, Lahiri = 25°31'40

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ASTRODIENST EPHEMERIS for the year 2119
geocentric

SEPTEMBER 2119 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 38 38	8♍ 7'13	21♋12	24♍13	25♋16	11♎28	23♊ 0	18♊55	15♋ 8	26♎48	23°R22	1♓ 2	0♓38	2♋30	4°R24	F 1
S 2	22 42 35	9° 5'14	3♌15	25°51	25°57	12° 7	23° 7	18°58	15°11	26°49	23♉22	1° 3	0°34	2°37	4♈21	S 2
S 3	22 46 31	10° 3'16	15°28	27°28	26°39	12°46	23°15	19° 2	15°13	26°51	23°22	1° 4	0°31	2°44	4°19	S 3
M 4	22 50 28	11° 1'21	27°53	29° 4	27°22	13°24	23°22	19° 5	15°15	26°53	23°22	1°R 4	0°28	2°50	4°16	M 4
T 5	22 54 25	11°59'27	10♍33	0♎38	28° 6	14° 3	23°30	19° 8	15°18	26°54	23°21	1° 4	0°25	2°57	4°14	T 5
W 6	22 58 21	12°57'34	23°28	2°12	28°51	14°42	23°37	19°10	15°20	26°56	23°21	1° 3	0°22	3° 4	4°11	W 6
T 7	23 2 18	13°55'43	6♎38	3°44	29°36	15°21	23°44	19°13	15°22	26°58	23°21	1° 2	0°19	3°10	4° 9	T 7
F 8	23 6 14	14°53'54	20° 3	5°14	0♏23	16° 0	23°50	19°16	15°25	26°59	23°20	1° 0	0°15	3°17	4° 6	F 8
S 9	23 10 11	15°52'07	3♏40	6°44	1°10	16°40	23°57	19°18	15°27	27° 1	23°20	0°58	0°12	3°24	4° 4	S 9
S 10	23 14 7	16°50'21	17°29	8°12	1°59	17°19	24° 3	19°21	15°29	27° 3	23°20	0°57	0° 9	3°30	4° 1	S 10
M11	23 18 4	17°48'36	1♐27	9°39	2°48	17°58	24°10	19°23	15°31	27° 5	23°19	0°55	0° 6	3°37	3°58	M11
T 12	23 22 0	18°46'53	15°34	11° 5	3°38	18°37	24°16	19°26	15°33	27° 7	23°19	0°D55	0° 3	3°44	3°56	T 12
W13	23 25 57	19°45'12	29°46	12°29	4°28	19°17	24°22	19°28	15°35	27° 9	23°19	0°55	29♒59	3°51	3°53	W13
T 14	23 29 53	20°43'32	14♑ 2	13°53	5°19	19°56	24°28	19°30	15°37	27°10	23°18	0°56	29°56	3°57	3°51	T 14
F 15	23 33 50	21°41'54	28°19	15°14	6°11	20°36	24°33	19°32	15°39	27°12	23°18	0°57	29°53	4° 4	3°48	F 15
S 16	23 37 47	22°40'17	12♒35	16°35	7° 4	21°15	24°39	19°34	15°41	27°14	23°17	0°58	29°50	4°11	3°45	S 16
S 17	23 41 43	23°38'41	26°45	17°54	7°57	21°55	24°44	19°35	15°43	27°16	23°17	0°R59	29°47	4°17	3°43	S 17
M18	23 45 40	24°37'08	10♓46	19°11	8°51	22°34	24°49	19°37	15°45	27°18	23°16	0°59	29°44	4°24	3°40	M18
T 19	23 49 36	25°35'36	24°35	20°27	9°45	23°14	24°54	19°38	15°46	27°20	23°16	0°57	29°40	4°31	3°37	T 19
W20	23 53 33	26°34'06	8♈ 9	21°41	10°40	23°54	24°59	19°40	15°48	27°22	23°15	0°55	29°37	4°37	3°34	W20
T 21	23 57 29	27°32'37	21°24	22°54	11°36	24°34	25° 4	19°41	15°50	27°24	23°15	0°51	29°34	4°44	3°32	T 21
F 22	0 1 26	28°31'11	4♉22	24° 5	12°32	25°13	25° 8	19°42	15°51	27°26	23°14	0°47	29°31	4°51	3°29	F 22
S 23	0 5 22	29°29'48	17° 0	25°14	13°28	25°53	25°13	19°43	15°53	27°28	23°14	0°42	29°28	4°58	3°26	S 23
S 24	0 9 19	0♎28'26	29°22	26°21	14°26	26°33	25°17	19°44	15°55	27°30	23°13	0°38	29°24	5° 4	3°23	S 24
M25	0 13 16	1°27'06	11♊30	27°26	15°23	27°13	25°21	19°45	15°56	27°32	23°12	0°35	29°21	5°11	3°21	M25
T 26	0 17 12	2°25'49	23°28	28°29	16°21	27°53	25°25	19°46	15°58	27°34	23°12	0°33	29°18	5°18	3°18	T 26
W27	0 21 9	3°24'34	5♋20	29°29	17°20	28°34	25°28	19°47	15°59	27°36	23°11	0°D33	29°15	5°24	3°15	W27
T 28	0 25 5	4°23'21	17°12	0♏27	18°19	29°14	25°32	19°47	16° 0	27°38	23°10	0°34	29°12	5°31	3°12	T 28
F 29	0 29 2	5°22'11	29° 8	1°22	19°18	29°54	25°35	19°48	16° 2	27°40	23°10	0°35	29° 9	5°38	3°10	F 29
S 30	0 32 58	6♎21'03	11♌12	2♏14	20♌18	0♏34	25♊38	19♊48	16♋ 3	27♎42	23♉ 9	0♓37	29♒ 5	5♋44	3♈ 7	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n31	25n 6	3n23	2n52	0n37	16n34	4s35	4s10	0n24	22n37	0s38	21n20	1s38	22n55	0n21	8s46	1n40	4n 4	14s59	11s 6	11s15	27n46	4n51	3n23
S 2	8 10	21 49	2 28	2 7	0 30	16 33	4 28	4 25	0 24	22 37	0 38	21 20	1 38	22 55	0 21	8 47	1 40	4 4	15 0	11 6	11 16	27 46	4 50	3 23
S 3	7 48	17 33	1 25	1 21	0 23	16 32	4 22	4 41	0 23	22 38	0 38	21 20	1 38	22 55	0 21	8 48	1 40	4 3	15 0	11 5	11 17	27 45	4 49	3 23
M 4	7 26	12 29	0 18	0 37	0 16	16 30	4 15	4 57	0 22	22 38	0 38	21 20	1 39	22 54	0 21	8 48	1 40	4 3	15 0	11 5	11 18	27 45	4 48	3 23
T 5	7 4	6 48	0s52	0s 8	0 8	16 28	4 8	5 12	0 22	22 38	0 38	21 21	1 39	22 54	0 21	8 49	1 40	4 3	15 0	11 5	11 19	27 44	4 47	3 23
W 6	6 41	0 44	2 1	0 52	0 0	16 26	4 2	5 28	0 21	22 39	0 38	21 21	1 39	22 54	0 21	8 49	1 40	4 2	15 1	11 6	11 20	27 43	4 46	3 23
T 7	6 19	5s27	3 4	1 36	0s 7	16 23	3 55	5 44	0 20	22 39	0 38	21 21	1 39	22 54	0 21	8 50	1 40	4 2	15 1	11 6	11 21	27 43	4 45	3 23
F 8	5 57	11 31	3 59	2 19	0 15	16 20	3 48	5 59	0 20	22 39	0 38	21 21	1 39	22 53	0 21	8 51	1 40	4 2	15 1	11 7	11 23	27 42	4 44	3 23
S 9	5 34	17 7	4 41	3 2	0 23	16 17	3 41	6 15	0 19	22 40	0 38	21 21	1 39	22 53	0 21	8 51	1 40	4 1	15 1	11 7	11 24	27 41	4 43	3 23
S 10	5 12	21 56	5 7	3 44	0 31	16 13	3 35	6 31	0 18	22 40	0 38	21 21	1 39	22 53	0 21	8 52	1 40	4 1	15 2	11 8	11 25	27 41	4 42	3 23
M11	4 49	25 35	5 15	4 26	0 39	16 9	3 28	6 46	0 18	22 40	0 38	21 21	1 39	22 53	0 21	8 53	1 40	4 1	15 2	11 8	11 26	27 40	4 41	3 23
T 12	4 26	27 42	5 5	5 7	0 48	16 4	3 21	7 2	0 17	22 40	0 38	21 21	1 39	22 53	0 21	8 53	1 39	4 0	15 2	11 9	11 27	27 39	4 40	3 23
W13	4 3	28 2	4 36	5 47	0 56	15 59	3 15	7 17	0 17	22 41	0 38	21 21	1 40	22 52	0 21	8 54	1 39	4 0	15 2	11 9	11 28	27 39	4 39	3 23
T 14	3 40	26 30	3 51	6 27	1 4	15 53	3 8	7 33	0 16	22 41	0 38	21 21	1 40	22 52	0 22	8 55	1 39	4 0	15 3	11 8	11 29	27 38	4 38	3 23
F 15	3 17	23 16	2 50	7 7	1 12	15 47	3 1	7 48	0 15	22 41	0 38	21 21	1 40	22 52	0 22	8 56	1 39	3 59	15 3	11 8	11 30	27 37	4 37	3 23
S 16	2 54	18 37	1 40	7 45	1 20	15 41	2 54	8 3	0 15	22 41	0 38	21 21	1 40	22 52	0 22	8 56	1 39	3 59	15 3	11 7	11 31	27 37	4 36	3 23
S 17	2 31	12 57	0 23	8 23	1 29	15 34	2 48	8 19	0 14	22 42	0 38	21 21	1 40	22 52	0 22	8 57	1 39	3 59	15 3	11 7	11 33	27 36	4 35	3 23
M18	2 8	6 42	0n54	9 0	1 37	15 27	2 41	8 34	0 13	22 42	0 38	21 21	1 40	22 51	0 22	8 58	1 39	3 58	15 4	11 7	11 34	27 35	4 34	3 23
T 19	1 45	0 13	2 6	9 36	1 45	15 19	2 35	8 49	0 13	22 42	0 38	21 21	1 40	22 51	0 22	8 58	1 39	3 58	15 4	11 8	11 35	27 34	4 32	3 23
W20	1 22	6n 8	3 10	10 11	1 53	15 11	2 28	9 5	0 12	22 42	0 38	21 21	1 40	22 51	0 22	8 59	1 39	3 58	15 4	11 9	11 36	27 34	4 31	3 23
T 21	0 59	12 5	4 2	10 46	2 1	15 2	2 22	9 20	0 12	22 42	0 38	21 21	1 40	22 51	0 22	9 0	1 39	3 57	15 4	11 10	11 37	27 33	4 30	3 23
F 22	0 35	17 22	4 40	11 19	2 8	14 53	2 15	9 35	0 11	22 42	0 38	21 21	1 41	22 51	0 22	9 1	1 39	3 57	15 5	11 12	11 38	27 32	4 29	3 23
S 23	0 12	21 45	5 4	11 52	2 16	14 43	2 9	9 50	0 10	22 43	0 38	21 21	1 41	22 50	0 22	9 1	1 39	3 56	15 5	11 13	11 39	27 31	4 28	3 23
S 24	0s11	25 5	5 12	12 24	2 23	14 33	2 2	10 5	0 10	22 43	0 38	21 21	1 41	22 50	0 22	9 2	1 39	3 56	15 5	11 15	11 40	27 31	4 27	3 23
M25	0 35	27 13	5 7	12 54	2 31	14 22	1 56	10 20	0 9	22 43	0 38	21 21	1 41	22 50	0 22	9 3	1 39	3 56	15 5	11 16	11 42	27 30	4 26	3 23
T 26	0 58	28 4	4 48	13 23	2 38	14 11	1 50	10 35	0 8	22 43	0 38	21 21	1 41	22 50	0 22	9 4	1 39	3 55	15 6	11 16	11 43	27 29	4 25	3 23
W27	1 21	27 36	4 17	13 51	2 45	13 59	1 43	10 50	0 8	22 43	0 38	21 21	1 41	22 50	0 22	9 4	1 39	3 55	15 6	11 16	11 44	27 28	4 23	3 22
T 28	1 45	25 52	3 35	14 18	2 51	13 47	1 37	11 5	0 7	22 43	0 38	21 21	1 41	22 50	0 22	9 5	1 39	3 55	15 6	11 16	11 45	27 27	4 22	3 22
F 29	2 8	22 59	2 43	14 43	2 57	13 35	1 31	11 20	0 6	22 43	0 38	21 21	1 41	22 50	0 22	9 6	1 39	3 54	15 6	11 16	11 46	27 27	4 21	3 22
S 30	2s31	19n 4	1n44	15s 7	3s 3	13n22	1s25	11s34	0n 6	22n43	0s38	21n21	1s41	22n50	0n22	9s 7	1n39	3n54	15s 6	11s15	11s47	27n26	4n20	3n22

Julian Day Number = 2495251.5, Delta T = 103.08 sec
Ecliptic obliquity = 23°25'34, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'44, Lahiri = 25°31'45

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ASTRODIENST EPHEMERIS for the year 2119
geocentric

OCTOBER 2119 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 36 55	7♎19'56	23♌31	3♏ 3	21♌19	1♏15	25♊41	19♊48	16♋ 4	27♎45	23°R 8	0♓38	29♒ 2	5♋51	3°R 4	S 1
M 2	0 40 51	8°18'52	6♍ 6	3°49	22°19	1°55	25°43	19°R48	16° 5	27°47	23♉ 8	0°R38	28°59	5°58	3♈ 1	M 2
T 3	0 44 48	9°17'50	19° 0	4°30	23°20	2°36	25°46	19°48	16° 6	27°49	23° 7	0°37	28°56	6° 4	2°59	T 3
W 4	0 48 45	10°16'51	2♎15	5° 7	24°22	3°16	25°48	19°48	16° 7	27°51	23° 6	0°33	28°53	6°11	2°56	W 4
T 5	0 52 41	11°15'53	15°49	5°40	25°24	3°57	25°50	19°48	16° 8	27°53	23° 5	0°28	28°50	6°18	2°53	T 5
F 6	0 56 38	12°14'57	29°41	6° 8	26°26	4°38	25°52	19°48	16° 9	27°55	23° 4	0°22	28°46	6°25	2°50	F 6
S 7	1 0 34	13°14'04	13♏46	6°31	27°28	5°18	25°54	19°47	16°10	27°58	23° 4	0°15	28°43	6°31	2°48	S 7
S 8	1 4 31	14°13'12	28° 0	6°48	28°31	5°59	25°55	19°47	16°11	28° 0	23° 3	0° 8	28°40	6°38	2°45	S 8
M 9	1 8 27	15°12'22	12♐18	6°58	29°34	6°40	25°56	19°46	16°12	28° 2	23° 2	0° 2	28°37	6°45	2°42	M 9
T 10	1 12 24	16°11'34	26°35	7°R 2	0♑38	7°21	25°58	19°45	16°12	28° 4	23° 1	29♒59	28°34	6°51	2°40	T 10
W11	1 16 20	17°10'48	10♑49	6°59	1°42	8° 2	25°58	19°44	16°13	28° 6	23° 0	29°D57	28°30	6°58	2°37	W11
T 12	1 20 17	18°10'03	24°57	6°48	2°46	8°43	25°59	19°44	16°13	28° 8	22°59	29°57	28°27	7° 5	2°34	T 12
F 13	1 24 14	19° 9'20	8♒57	6°30	3°50	9°24	26° 0	19°42	16°14	28°11	22°58	29°58	28°24	7°11	2°32	F 13
S 14	1 28 10	20° 8'39	22°50	6° 3	4°55	10° 5	26° 0	19°41	16°15	28°13	22°57	29°R59	28°21	7°18	2°29	S 14
S 15	1 32 7	21° 7'59	6♓34	5°27	6° 0	10°46	26°R 0	19°40	16°15	28°15	22°57	29°59	28°18	7°25	2°27	S 15
M16	1 36 3	22° 7'22	20° 9	4°44	7° 5	11°27	26° 0	19°38	16°15	28°17	22°56	29°57	28°15	7°32	2°24	M16
T 17	1 40 0	23° 6'46	3♈33	3°53	8°11	12° 9	26° 0	19°37	16°16	28°20	22°55	29°53	28°11	7°38	2°22	T 17
W18	1 43 56	24° 6'12	16°46	2°54	9°16	12°50	25°59	19°35	16°16	28°22	22°54	29°46	28° 8	7°45	2°19	W18
T 19	1 47 53	25° 5'40	29°46	1°50	10°22	13°32	25°58	19°34	16°16	28°24	22°53	29°37	28° 5	7°52	2°17	T 19
F 20	1 51 49	26° 5'10	12♉31	0°40	11°28	14°13	25°57	19°32	16°16	28°26	22°52	29°27	28° 2	7°58	2°14	F 20
S 21	1 55 46	27° 4'43	25° 3	29♎27	12°35	14°54	25°56	19°30	16°17	28°29	22°51	29°16	27°59	8° 5	2°12	S 21
S 22	1 59 43	28° 4'17	7♊20	28°13	13°42	15°36	25°55	19°28	16°17	28°31	22°50	29° 6	27°56	8°12	2° 9	S 22
M23	2 3 39	29° 3'54	19°26	26°59	14°49	16°18	25°54	19°26	16°R17	28°33	22°49	28°58	27°52	8°18	2° 7	M23
T 24	2 7 36	0♏ 3'33	1♋22	25°49	15°56	16°59	25°52	19°23	16°17	28°35	22°48	28°51	27°49	8°25	2° 5	T 24
W25	2 11 32	1° 3'14	13°13	24°43	17° 3	17°41	25°50	19°21	16°17	28°37	22°47	28°47	27°46	8°32	2° 2	W25
T 26	2 15 29	2° 2'57	25° 3	23°45	18°11	18°23	25°48	19°19	16°16	28°40	22°46	28°45	27°43	8°38	2° 0	T 26
F 27	2 19 25	3° 2'43	6♌56	22°56	19°19	19° 5	25°46	19°16	16°16	28°42	22°45	28°D45	27°40	8°45	1°58	F 27
S 28	2 23 22	4° 2'31	19° 0	22°16	20°27	19°47	25°43	19°13	16°16	28°44	22°44	28°46	27°36	8°52	1°55	S 28
S 29	2 27 18	5° 2'21	1♍18	21°47	21°35	20°29	25°40	19°11	16°16	28°46	22°43	28°R46	27°33	8°58	1°53	S 29
M30	2 31 15	6° 2'13	13°55	21°30	22°43	21°11	25°37	19° 8	16°15	28°49	22°41	28°45	27°30	9° 5	1°51	M30
T 31	2 35 12	7♏ 2'07	26♍56	21°D24	23♍52	21♏53	25♊34	19♊ 5	16♋15	28♎51	22♉40	28♒41	27♒27	9♋12	1♈49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s55	14n17	0n39	15s29	3s 9	13n 9	1s19	11s49	0n 5	22n43	0s38	21n21	1s41	22n49	0n22	9s 7	1n39	3n54	15s 7	11s15	11s48	27n25	4n19	3n22
M 2	3 18	8 49	0s30	15 49	3 14	12 55	1 13	12 4	0 5	22 44	0 38	21 21	1 42	22 49	0 22	9 8	1 39	3 53	15 7	11 15	11 49	27 24	4 18	3 22
T 3	3 41	2 51	1 38	16 8	3 18	12 40	1 7	12 18	0 4	22 44	0 38	21 21	1 42	22 49	0 22	9 9	1 39	3 53	15 7	11 15	11 50	27 23	4 16	3 22
W 4	4 4	3s23	2 43	16 24	3 22	12 26	1 1	12 33	0 3	22 44	0 38	21 21	1 42	22 49	0 22	9 10	1 39	3 52	15 7	11 16	11 51	27 22	4 15	3 22
T 5	4 27	9 36	3 40	16 38	3 26	12 11	0 56	12 47	0 3	22 44	0 38	21 20	1 42	22 49	0 22	9 11	1 39	3 52	15 7	11 18	11 53	27 22	4 14	3 22
F 6	4 50	15 30	4 26	16 50	3 29	11 55	0 50	13 1	0 2	22 44	0 38	21 20	1 42	22 49	0 22	9 11	1 39	3 52	15 8	11 20	11 54	27 21	4 13	3 22
S 7	5 13	20 40	4 56	17 0	3 30	11 39	0 44	13 16	0 2	22 44	0 38	21 20	1 42	22 49	0 22	9 12	1 39	3 51	15 8	11 23	11 55	27 20	4 12	3 22
S 8	5 36	24 42	5 8	17 6	3 32	11 22	0 39	13 30	0 1	22 44	0 38	21 20	1 42	22 49	0 22	9 13	1 39	3 51	15 8	11 25	11 56	27 19	4 10	3 21
M 9	5 59	27 14	5 1	17 10	3 32	11 6	0 33	13 44	0 0	22 44	0 38	21 20	1 42	22 49	0 22	9 14	1 39	3 51	15 8	11 27	11 57	27 18	4 9	3 21
T 10	6 22	27 59	4 36	17 10	3 31	10 48	0 28	13 58	0s 0	22 44	0 38	21 20	1 42	22 49	0 22	9 14	1 39	3 50	15 8	11 28	11 58	27 17	4 8	3 21
W11	6 45	26 52	3 54	17 7	3 28	10 31	0 23	14 12	0 1	22 44	0 38	21 20	1 43	22 49	0 22	9 15	1 39	3 50	15 8	11 29	11 59	27 16	4 7	3 21
T 12	7 7	24 2	2 57	17 0	3 25	10 13	0 17	14 25	0 2	22 44	0 38	21 19	1 43	22 49	0 22	9 16	1 39	3 50	15 9	11 29	12 0	27 15	4 6	3 21
F 13	7 30	19 47	1 51	16 49	3 20	9 54	0 12	14 39	0 2	22 44	0 38	21 19	1 43	22 49	0 22	9 17	1 39	3 49	15 9	11 29	12 1	27 14	4 5	3 21
S 14	7 52	14 30	0 38	16 34	3 13	9 35	0 7	14 53	0 3	22 44	0 38	21 19	1 43	22 49	0 22	9 18	1 39	3 49	15 9	11 28	12 2	27 13	4 4	3 21
S 15	8 14	8 33	0n35	16 14	3 5	9 16	0 2	15 6	0 3	22 44	0 38	21 19	1 43	22 48	0 22	9 18	1 39	3 49	15 9	11 28	12 4	27 13	4 2	3 21
M16	8 37	2 16	1 46	15 50	2 54	8 57	0n 3	15 19	0 4	22 44	0 38	21 19	1 43	22 48	0 22	9 19	1 39	3 48	15 9	11 29	12 5	27 12	4 1	3 21
T 17	8 59	4n 1	2 50	15 21	2 42	8 37	0 7	15 33	0 5	22 44	0 38	21 18	1 43	22 48	0 22	9 20	1 39	3 48	15 9	11 30	12 6	27 11	4 0	3 20
W18	9 21	10 1	3 44	14 48	2 29	8 17	0 12	15 46	0 5	22 44	0 38	21 18	1 43	22 48	0 22	9 21	1 39	3 47	15 9	11 33	12 7	27 10	3 59	3 20
T 19	9 42	15 30	4 24	14 11	2 13	7 56	0 17	15 59	0 6	22 44	0 38	21 18	1 43	22 48	0 22	9 22	1 39	3 47	15 10	11 36	12 8	27 9	3 58	3 20
F 20	10 4	20 12	4 51	13 30	1 56	7 35	0 21	16 12	0 6	22 44	0 38	21 18	1 43	22 48	0 23	9 22	1 39	3 47	15 10	11 39	12 9	27 8	3 57	3 20
S 21	10 26	23 55	5 3	12 47	1 37	7 14	0 26	16 25	0 7	22 44	0 38	21 18	1 43	22 48	0 23	9 23	1 39	3 46	15 10	11 43	12 10	27 7	3 56	3 20
S 22	10 47	26 28	5 1	12 3	1 18	6 52	0 30	16 37	0 8	22 44	0 38	21 17	1 43	22 48	0 23	9 24	1 39	3 46	15 10	11 47	12 11	27 6	3 55	3 20
M23	11 8	27 45	4 45	11 17	0 57	6 30	0 34	16 50	0 8	22 44	0 38	21 17	1 44	22 49	0 23	9 25	1 39	3 46	15 10	11 50	12 12	27 5	3 53	3 19
T 24	11 29	27 42	4 17	10 32	0 37	6 8	0 39	17 3	0 9	22 44	0 38	21 17	1 44	22 49	0 23	9 26	1 39	3 45	15 10	11 52	12 13	27 4	3 52	3 19
W25	11 50	26 23	3 38	9 49	0 16	5 46	0 43	17 15	0 10	22 44	0 38	21 17	1 44	22 49	0 23	9 26	1 39	3 45	15 10	11 53	12 15	27 3	3 51	3 19
T 26	12 11	23 54	2 50	9 9	0n 4	5 23	0 47	17 27	0 10	22 44	0 38	21 16	1 44	22 49	0 23	9 27	1 39	3 45	15 10	11 54	12 16	27 2	3 50	3 19
F 27	12 31	20 22	1 54	8 33	0 23	5 0	0 50	17 39	0 11	22 44	0 38	21 16	1 44	22 49	0 23	9 28	1 39	3 44	15 10	11 54	12 17	27 1	3 49	3 19
S 28	12 52	15 57	0 52	8 2	0 41	4 37	0 54	17 51	0 11	22 44	0 38	21 16	1 44	22 49	0 23	9 29	1 39	3 44	15 10	11 54	12 18	27 0	3 48	3 19
S 29	13 12	10 48	0s13	7 36	0 58	4 13	0 58	18 3	0 12	22 44	0 38	21 15	1 44	22 49	0 23	9 29	1 39	3 44	15 11	11 54	12 19	26 59	3 47	3 18
M30	13 32	5 6	1 20	7 15	1 13	3 50	1 1	18 15	0 13	22 43	0 38	21 15	1 44	22 49	0 23	9 30	1 39	3 43	15 11	11 54	12 20	26 58	3 46	3 18
T 31	13s51	0s59	2s24	7s 1	1n26	3n26	1n 5	18s26	0s13	22n43	0s38	21n15	1s44	22n49	0n23	9s31	1n39	3n43	15s11	11s55	12s21	26n56	3n45	3n18

Julian Day Number = 2495281.5, Delta T = 103.13 sec
Ecliptic obliquity = 23°25'34, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'48, Lahiri = 25°31'49

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ASTRODIENST EPHEMERIS for the year 2119
geocentric

NOVEMBER 2119 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 39 8	8♏ 2'03	10♎23	21♎30	25♍ 1	22♏35	25°R31	19°R 2	16°R14	28♎53	22°R39	28°R36	27♒24	9♋19	1°R47	W 1
T 2	2 43 5	9° 2'02	24°15	21°46	26°10	23°17	25♊27	18♊59	16♋14	28°55	22♉38	28♒27	27°21	9°25	1♈45	T 2
F 3	2 47 1	10° 2'02	8♏30	22°12	27°19	24° 0	25°24	18°56	16°13	28°58	22°37	28°17	27°17	9°32	1°43	F 3
S 4	2 50 58	11° 2'05	23° 2	22°48	28°28	24°42	25°20	18°52	16°13	29° 0	22°36	28° 5	27°14	9°39	1°41	S 4
S 5	2 54 54	12° 2'09	7♐44	23°32	29°37	25°24	25°16	18°49	16°12	29° 2	22°35	27°54	27°11	9°45	1°39	S 5
M 6	2 58 51	13° 2'15	22°28	24°24	0♎47	26° 7	25°12	18°45	16°11	29° 4	22°34	27°45	27° 8	9°52	1°37	M 6
T 7	3 2 47	14° 2'23	7♑ 7	25°22	1°57	26°49	25° 7	18°42	16°11	29° 6	22°33	27°38	27° 5	9°59	1°35	T 7
W 8	3 6 44	15° 2'32	21°35	26°27	3° 7	27°32	25° 3	18°38	16°10	29° 9	22°32	27°34	27° 2	10° 5	1°33	W 8
T 9	3 10 41	16° 2'43	5♒47	27°36	4°17	28°15	24°58	18°35	16° 9	29°11	22°31	27°32	26°58	10°12	1°31	T 9
F 10	3 14 37	17° 2'55	19°44	28°50	5°27	28°57	24°53	18°31	16° 8	29°13	22°29	27°32	26°55	10°19	1°30	F 10
S 11	3 18 34	18° 3'09	3♓26	0♏ 8	6°37	29°40	24°48	18°27	16° 7	29°15	22°28	27°32	26°52	10°25	1°28	S 11
S 12	3 22 30	19° 3'24	16°53	1°28	7°48	0♐23	24°43	18°23	16° 6	29°17	22°27	27°30	26°49	10°32	1°26	S 12
M13	3 26 27	20° 3'40	0♈ 6	2°52	8°58	1° 6	24°37	18°19	16° 5	29°19	22°26	27°27	26°46	10°39	1°25	M13
T 14	3 30 23	21° 3'58	13° 8	4°18	10° 9	1°49	24°32	18°15	16° 4	29°21	22°25	27°21	26°42	10°45	1°23	T 14
W15	3 34 20	22° 4'18	25°59	5°46	11°20	2°32	24°26	18°11	16° 3	29°23	22°24	27°12	26°39	10°52	1°22	W15
T 16	3 38 16	23° 4'39	8♉40	7°15	12°31	3°15	24°20	18° 7	16° 1	29°26	22°23	27° 0	26°36	10°59	1°20	T 16
F 17	3 42 13	24° 5'02	21°10	8°45	13°42	3°58	24°14	18° 3	16° 0	29°28	22°22	26°46	26°33	11° 6	1°19	F 17
S 18	3 46 10	25° 5'26	3♊29	10°17	14°53	4°41	24° 8	17°58	15°59	29°30	22°20	26°31	26°30	11°12	1°18	S 18
S 19	3 50 6	26° 5'52	15°39	11°49	16° 5	5°24	24° 1	17°54	15°57	29°32	22°19	26°17	26°27	11°19	1°16	S 19
M20	3 54 3	27° 6'20	27°39	13°22	17°16	6° 7	23°55	17°50	15°56	29°34	22°18	26° 5	26°23	11°26	1°15	M20
T 21	3 57 59	28° 6'49	9♋32	14°56	18°28	6°51	23°48	17°45	15°54	29°36	22°17	25°55	26°20	11°32	1°14	T 21
W22	4 1 56	29° 7'20	21°21	16°30	19°39	7°34	23°41	17°41	15°53	29°38	22°16	25°49	26°17	11°39	1°13	W22
T 23	4 5 52	0♐ 7'53	3♌ 9	18° 4	20°51	8°17	23°35	17°36	15°51	29°40	22°15	25°45	26°14	11°46	1°11	T 23
F 24	4 9 49	1° 8'28	15° 0	19°38	22° 3	9° 1	23°28	17°31	15°50	29°42	22°14	25°43	26°11	11°52	1°10	F 24
S 25	4 13 45	2° 9'04	27° 0	21°13	23°15	9°44	23°20	17°27	15°48	29°44	22°13	25°43	26° 7	11°59	1° 9	S 25
S 26	4 17 42	3° 9'42	9♍15	22°48	24°27	10°28	23°13	17°22	15°47	29°46	22°12	25°43	26° 4	12° 6	1° 8	S 26
M27	4 21 39	4°10'21	21°49	24°22	25°39	11°12	23° 6	17°17	15°45	29°48	22°10	25°42	26° 1	12°12	1° 8	M27
T 28	4 25 35	5°11'03	4♎47	25°57	26°52	11°55	22°59	17°13	15°43	29°50	22° 9	25°39	25°58	12°19	1° 7	T 28
W29	4 29 32	6°11'45	18°14	27°32	28° 4	12°39	22°51	17° 8	15°41	29°52	22° 8	25°33	25°55	12°26	1° 6	W29
T 30	4 33 28	7♐12'30	2♏10	29♏ 6	29♎17	13♐23	22♊43	17♊ 3	15♋39	29♎53	22♉ 7	25♒25	25♒52	12♋32	1♈ 5	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s11	7s12	3s22	6s52	1n38	3n 2	1n 8	18s38	0s14	22n43	0s38	21n15	1s44	22n49	0n23	9s32	1n39	3n43	15s11	11s57	12s22	26n55	3n44	3n18
T 2	14 30	13 16	4 10	6 49	1 47	2 37	1 12	18 49	0 14	22 43	0 38	21 14	1 44	22 49	0 23	9 33	1 39	3 43	15 11	12 0	12 23	26 54	3 43	3 18
F 3	14 49	18 48	4 44	6 51	1 55	2 13	1 15	19 0	0 15	22 43	0 38	21 14	1 44	22 49	0 23	9 33	1 39	3 42	15 11	12 4	12 24	26 53	3 42	3 18
S 4	15 8	23 21	5 0	6 59	2 2	1 48	1 18	19 11	0 15	22 43	0 38	21 14	1 44	22 49	0 23	9 34	1 39	3 42	15 11	12 8	12 25	26 52	3 41	3 17
S 5	15 26	26 28	4 57	7 10	2 7	1 23	1 21	19 22	0 16	22 43	0 38	21 13	1 44	22 49	0 23	9 35	1 39	3 42	15 11	12 12	12 27	26 51	3 40	3 17
M 6	15 45	27 46	4 34	7 26	2 10	0 58	1 24	19 32	0 17	22 43	0 38	21 13	1 44	22 50	0 23	9 36	1 39	3 41	15 11	12 15	12 28	26 50	3 39	3 17
T 7	16 3	27 7	3 53	7 45	2 12	0 33	1 26	19 43	0 17	22 43	0 38	21 13	1 44	22 50	0 23	9 36	1 39	3 41	15 11	12 17	12 29	26 49	3 38	3 17
W 8	16 20	24 37	2 58	8 7	2 13	0 7	1 29	19 53	0 18	22 43	0 37	21 12	1 44	22 50	0 23	9 37	1 39	3 41	15 11	12 19	12 30	26 48	3 37	3 17
T 9	16 38	20 38	1 52	8 32	2 13	0s18	1 32	20 3	0 18	22 42	0 37	21 12	1 45	22 50	0 23	9 38	1 39	3 41	15 11	12 19	12 31	26 47	3 37	3 16
F 10	16 55	15 32	0 41	8 59	2 12	0 44	1 34	20 13	0 19	22 42	0 37	21 12	1 45	22 50	0 23	9 39	1 39	3 40	15 11	12 19	12 32	26 45	3 36	3 16
S 11	17 12	9 46	0n31	9 28	2 11	1 9	1 36	20 23	0 20	22 42	0 37	21 11	1 45	22 50	0 23	9 39	1 39	3 40	15 11	12 19	12 33	26 44	3 35	3 16
S 12	17 29	3 38	1 40	9 59	2 8	1 35	1 39	20 33	0 20	22 42	0 37	21 11	1 45	22 50	0 23	9 40	1 39	3 40	15 11	12 20	12 34	26 43	3 34	3 16
M13	17 45	2n32	2 43	10 30	2 5	2 1	1 41	20 42	0 21	22 42	0 37	21 11	1 45	22 51	0 23	9 41	1 39	3 40	15 11	12 21	12 35	26 42	3 33	3 16
T 14	18 1	8 30	3 36	11 3	2 1	2 27	1 43	20 52	0 21	22 42	0 37	21 10	1 45	22 51	0 23	9 41	1 39	3 39	15 11	12 23	12 36	26 41	3 32	3 15
W15	18 17	14 1	4 17	11 36	1 56	2 53	1 45	21 1	0 22	22 41	0 37	21 10	1 45	22 51	0 23	9 42	1 39	3 39	15 11	12 26	12 37	26 40	3 32	3 15
T 16	18 32	18 52	4 45	12 10	1 52	3 19	1 46	21 10	0 22	22 41	0 37	21 9	1 45	22 51	0 23	9 43	1 39	3 39	15 11	12 30	12 38	26 38	3 31	3 15
F 17	18 47	22 50	4 58	12 44	1 46	3 45	1 48	21 18	0 23	22 41	0 37	21 9	1 45	22 51	0 23	9 44	1 39	3 39	15 11	12 35	12 40	26 37	3 30	3 15
S 18	19 2	25 42	4 57	13 18	1 41	4 11	1 50	21 27	0 24	22 41	0 37	21 9	1 45	22 51	0 23	9 44	1 39	3 38	15 11	12 40	12 41	26 36	3 29	3 15
S 19	19 16	27 20	4 43	13 52	1 35	4 37	1 51	21 35	0 24	22 41	0 37	21 8	1 45	22 52	0 23	9 45	1 39	3 38	15 11	12 45	12 42	26 35	3 29	3 14
M20	19 30	27 40	4 16	14 26	1 29	5 3	1 53	21 43	0 25	22 40	0 37	21 8	1 45	22 52	0 23	9 46	1 39	3 38	15 11	12 49	12 43	26 34	3 28	3 14
T 21	19 44	26 42	3 38	14 59	1 23	5 29	1 54	21 51	0 25	22 40	0 37	21 8	1 45	22 52	0 23	9 46	1 39	3 38	15 11	12 52	12 44	26 32	3 27	3 14
W22	19 57	24 33	2 51	15 33	1 16	5 55	1 55	21 59	0 26	22 40	0 37	21 7	1 45	22 52	0 23	9 47	1 39	3 37	15 11	12 55	12 45	26 31	3 27	3 14
T 23	20 10	21 20	1 56	16 5	1 9	6 20	1 56	22 7	0 26	22 40	0 37	21 7	1 45	22 52	0 23	9 48	1 39	3 37	15 11	12 56	12 46	26 30	3 26	3 13
F 24	20 23	17 13	0 56	16 38	1 3	6 46	1 57	22 14	0 27	22 39	0 37	21 6	1 45	22 53	0 23	9 48	1 39	3 37	15 11	12 56	12 47	26 29	3 25	3 13
S 25	20 35	12 24	0s 7	17 9	0 56	7 12	1 58	22 21	0 28	22 39	0 36	21 6	1 45	22 53	0 24	9 49	1 40	3 37	15 10	12 57	12 48	26 28	3 25	3 13
S 26	20 47	7 0	1 11	17 40	0 49	7 38	1 59	22 28	0 28	22 39	0 36	21 6	1 44	22 53	0 24	9 50	1 40	3 37	15 10	12 57	12 49	26 26	3 24	3 13
M27	20 58	1 12	2 13	18 11	0 42	8 3	2 0	22 35	0 29	22 39	0 36	21 5	1 44	22 53	0 24	9 50	1 40	3 37	15 10	12 57	12 50	26 25	3 23	3 13
T 28	21 9	4s49	3 11	18 40	0 35	8 29	2 0	22 41	0 29	22 38	0 36	21 5	1 44	22 53	0 24	9 51	1 40	3 36	15 10	12 58	12 51	26 24	3 23	3 12
W29	21 20	10 51	4 0	19 9	0 28	8 54	2 1	22 48	0 30	22 38	0 36	21 4	1 44	22 54	0 24	9 52	1 40	3 36	15 10	13 0	12 52	26 23	3 22	3 12
T 30	21s30	16s33	4s37	19s36	0n21	9s19	2n 1	22s54	0s30	22n38	0s36	21n 4	1s44	22n54	0n24	9s52	1n40	3n36	15s10	13s 3	12s54	26n21	3n22	3n12

Julian Day Number = 2495312.5, Delta T = 103.17 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'53, Lahiri = 25°31'53

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ASTRODIENST EPHEMERIS for the year 2119
geocentric

DECEMBER 2119 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 37 25	8♐13'16	16♏35	0♐41	0♏29	14♐ 7	22°R36	16°R58	15°R38	29♎55	22°R 6	25°R14	25♒48	12♋39	1°R 4	F 1
S 2	4 41 21	9°14'03	1♐22	2°15	1°42	14°51	22♊28	16♊53	15♋36	29°57	22♉ 5	25♒ 3	25°45	12°46	1♈ 4	S 2
S 3	4 45 18	10°14'52	16°25	3°50	2°54	15°35	22°20	16°48	15°34	29°59	22° 4	24°51	25°42	12°52	1° 3	S 3
M 4	4 49 14	11°15'42	1♑33	5°24	4° 7	16°19	22°12	16°44	15°32	0♏ 1	22° 3	24°42	25°39	12°59	1° 3	M 4
T 5	4 53 11	12°16'33	16°36	6°59	5°20	17° 3	22° 4	16°39	15°30	0° 3	22° 2	24°34	25°36	13° 6	1° 2	T 5
W 6	4 57 8	13°17'25	1♒24	8°33	6°33	17°47	21°56	16°34	15°28	0° 4	22° 1	24°30	25°33	13°13	1° 2	W 6
T 7	5 1 4	14°18'18	15°54	10° 7	7°46	18°31	21°48	16°29	15°26	0° 6	22° 0	24°28	25°29	13°19	1° 2	T 7
F 8	5 5 1	15°19'11	0♓ 0	11°41	8°59	19°15	21°40	16°24	15°24	0° 8	21°59	24°D28	25°26	13°26	1° 1	F 8
S 9	5 8 57	16°20'05	13°44	13°16	10°12	20° 0	21°32	16°19	15°21	0° 9	21°58	24°R28	25°23	13°33	1° 1	S 9
S 10	5 12 54	17°21'00	27° 7	14°50	11°25	20°44	21°24	16°14	15°19	0°11	21°57	24°28	25°20	13°39	1° 1	S 10
M11	5 16 50	18°21'56	10♈11	16°24	12°39	21°28	21°16	16° 9	15°17	0°13	21°56	24°25	25°17	13°46	1° 1	M11
T 12	5 20 47	19°22'52	22°59	17°58	13°52	22°13	21° 8	16° 4	15°15	0°14	21°55	24°21	25°13	13°53	1° 1	T 12
W13	5 24 43	20°23'49	5♉34	19°32	15° 5	22°57	21° 0	15°59	15°13	0°16	21°54	24°13	25°10	13°59	1°D 1	W13
T 14	5 28 40	21°24'47	17°58	21° 7	16°19	23°42	20°51	15°54	15°10	0°18	21°53	24° 3	25° 7	14° 6	1° 1	T 14
F 15	5 32 37	22°25'45	0♊13	22°41	17°32	24°26	20°43	15°49	15° 8	0°19	21°52	23°52	25° 4	14°13	1° 1	F 15
S 16	5 36 33	23°26'44	12°20	24°15	18°46	25°11	20°35	15°45	15° 6	0°21	21°51	23°39	25° 1	14°19	1° 1	S 16
S 17	5 40 30	24°27'44	24°20	25°50	19°59	25°56	20°27	15°40	15° 3	0°22	21°50	23°28	24°58	14°26	1° 1	S 17
M18	5 44 26	25°28'45	6♋15	27°24	21°13	26°40	20°19	15°35	15° 1	0°24	21°49	23°17	24°54	14°33	1° 1	M18
T 19	5 48 23	26°29'47	18° 5	28°59	22°26	27°25	20°11	15°30	14°58	0°25	21°48	23° 9	24°51	14°39	1° 2	T 19
W20	5 52 19	27°30'49	29°53	0♑34	23°40	28°10	20° 3	15°25	14°56	0°26	21°47	23° 3	24°48	14°46	1° 2	W20
T 21	5 56 16	28°31'52	11♌41	2° 9	24°54	28°55	19°55	15°21	14°54	0°28	21°46	23° 1	24°45	14°53	1° 2	T 21
F 22	6 0 13	29°32'55	23°34	3°44	26° 8	29°40	19°47	15°16	14°51	0°29	21°46	23°D 0	24°42	14°59	1° 3	F 22
S 23	6 4 9	0♑34'00	5♍34	5°20	27°22	0♑25	19°39	15°11	14°49	0°31	21°45	23° 0	24°39	15° 6	1° 3	S 23
S 24	6 8 6	1°35'05	17°46	6°55	28°36	1°10	19°31	15° 7	14°46	0°32	21°44	23° 2	24°35	15°13	1° 4	S 24
M25	6 12 2	2°36'11	0♎17	8°31	29°50	1°55	19°23	15° 2	14°44	0°33	21°43	23°R 2	24°32	15°19	1° 5	M25
T 26	6 15 59	3°37'18	13° 9	10° 7	1♐ 4	2°40	19°15	14°57	14°41	0°34	21°42	23° 2	24°29	15°26	1° 5	T 26
W27	6 19 55	4°38'25	26°28	11°43	2°18	3°25	19° 8	14°53	14°39	0°36	21°41	23° 0	24°26	15°33	1° 6	W27
T 28	6 23 52	5°39'33	10♏16	13°19	3°32	4°10	19° 0	14°48	14°36	0°37	21°41	22°55	24°23	15°39	1° 7	T 28
F 29	6 27 48	6°40'42	24°34	14°55	4°46	4°55	18°53	14°44	14°33	0°38	21°40	22°49	24°19	15°46	1° 8	F 29
S 30	6 31 45	7°41'51	9♐19	16°32	6° 0	5°41	18°45	14°40	14°31	0°39	21°39	22°42	24°16	15°53	1° 9	S 30
S 31	6 35 42	8♑43'01	24♐24	18♑ 9	7♐14	6♑26	18♊38	14♊35	14♋28	0♏40	21♉38	22♒35	24♒13	15♋59	1♈10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s40	21s32	4s58	20s 3	0n14	9s44	2n 1	23s 0	0s31	22n37	0s36	21n 3	1s44	22n54	0n24	9s53	1n40	3n36	15s10	13s 6	12s55	26n20	3n21	3n12
S 2	21 49	25 18	4 59	20 29	0 7	10 9	2 1	23 5	0 31	22 37	0 36	21 3	1 44	22 54	0 24	9 53	1 40	3 36	15 10	13 10	12 56	26 19	3 21	3 11
S 3	21 58	27 23	4 40	20 54	0 0	10 34	2 2	23 11	0 32	22 37	0 36	21 3	1 44	22 55	0 24	9 54	1 40	3 36	15 10	13 14	12 57	26 17	3 20	3 11
M 4	22 7	27 27	4 2	21 18	0s 7	10 59	2 2	23 16	0 33	22 36	0 36	21 2	1 44	22 55	0 24	9 55	1 40	3 36	15 9	13 17	12 58	26 16	3 20	3 11
T 5	22 15	25 29	3 6	21 41	0 13	11 23	2 1	23 21	0 33	22 36	0 35	21 2	1 44	22 55	0 24	9 55	1 40	3 35	15 9	13 19	12 59	26 15	3 20	3 11
W 6	22 23	21 46	1 59	22 3	0 20	11 47	2 1	23 25	0 34	22 36	0 35	21 1	1 44	22 55	0 24	9 56	1 40	3 35	15 9	13 21	13 0	26 13	3 19	3 10
T 7	22 30	16 47	0 45	22 24	0 27	12 11	2 1	23 30	0 34	22 35	0 35	21 1	1 44	22 56	0 24	9 56	1 40	3 35	15 9	13 22	13 1	26 12	3 19	3 10
F 8	22 37	11 0	0n29	22 43	0 33	12 35	2 1	23 34	0 35	22 35	0 35	21 1	1 44	22 56	0 24	9 57	1 40	3 35	15 9	13 22	13 2	26 11	3 19	3 10
S 9	22 43	4 51	1 41	23 2	0 40	12 58	2 0	23 38	0 35	22 34	0 35	21 0	1 44	22 56	0 24	9 58	1 40	3 35	15 9	13 22	13 3	26 9	3 18	3 10
S 10	22 49	1n22	2 44	23 19	0 46	13 21	2 0	23 42	0 36	22 34	0 35	21 0	1 44	22 56	0 24	9 58	1 40	3 35	15 9	13 22	13 4	26 8	3 18	3 9
M11	22 55	7 22	3 38	23 35	0 52	13 44	1 59	23 45	0 36	22 34	0 35	20 59	1 44	22 57	0 24	9 59	1 40	3 35	15 8	13 22	13 5	26 7	3 18	3 9
T 12	23 0	12 57	4 19	23 50	0 58	14 6	1 58	23 49	0 37	22 33	0 35	20 59	1 43	22 57	0 24	9 59	1 40	3 35	15 8	13 24	13 6	26 5	3 17	3 9
W13	23 5	17 53	4 47	24 4	1 4	14 29	1 58	23 52	0 37	22 33	0 34	20 59	1 43	22 57	0 24	10 0	1 40	3 35	15 8	13 26	13 7	26 4	3 17	3 9
T 14	23 9	22 0	5 1	24 17	1 9	14 51	1 57	23 54	0 38	22 32	0 34	20 58	1 43	22 58	0 24	10 0	1 40	3 35	15 8	13 30	13 8	26 3	3 17	3 8
F 15	23 13	25 5	5 1	24 28	1 15	15 12	1 56	23 57	0 38	22 32	0 34	20 58	1 43	22 58	0 24	10 1	1 40	3 35	15 8	13 34	13 10	26 1	3 17	3 8
S 16	23 16	27 0	4 47	24 38	1 20	15 33	1 55	23 59	0 39	22 32	0 34	20 57	1 43	22 58	0 24	10 1	1 40	3 35	15 8	13 38	13 11	26 0	3 17	3 8
S 17	23 19	27 39	4 21	24 47	1 25	15 54	1 54	24 1	0 39	22 31	0 34	20 57	1 43	22 58	0 24	10 2	1 40	3 35	15 7	13 42	13 12	25 58	3 17	3 8
M18	23 21	27 0	3 43	24 54	1 30	16 15	1 52	24 3	0 40	22 31	0 34	20 57	1 43	22 59	0 24	10 2	1 40	3 34	15 7	13 45	13 13	25 57	3 16	3 8
T 19	23 23	25 6	2 56	25 0	1 35	16 35	1 51	24 4	0 40	22 30	0 34	20 56	1 43	22 59	0 24	10 3	1 41	3 34	15 7	13 48	13 14	25 56	3 16	3 7
W20	23 24	22 8	2 1	25 5	1 39	16 54	1 50	24 6	0 41	22 30	0 33	20 56	1 43	22 59	0 24	10 3	1 41	3 34	15 7	13 49	13 15	25 54	3 16	3 7
T 21	23 25	18 14	1 0	25 8	1 43	17 14	1 48	24 7	0 41	22 29	0 33	20 55	1 42	23 0	0 24	10 3	1 41	3 34	15 7	13 50	13 16	25 53	3 16	3 7
F 22	23 25	13 37	0s 3	25 10	1 47	17 33	1 47	24 7	0 42	22 29	0 33	20 55	1 42	23 0	0 24	10 4	1 41	3 34	15 6	13 51	13 17	25 51	3 16	3 7
S 23	23 25	8 25	1 7	25 10	1 51	17 51	1 45	24 8	0 42	22 29	0 33	20 55	1 42	23 0	0 24	10 4	1 41	3 34	15 6	13 50	13 18	25 50	3 16	3 6
S 24	23 25	2 50	2 10	25 9	1 54	18 9	1 44	24 8	0 43	22 28	0 33	20 54	1 42	23 0	0 24	10 5	1 41	3 35	15 6	13 50	13 19	25 48	3 16	3 6
M25	23 24	2s58	3 7	25 6	1 58	18 26	1 42	24 8	0 43	22 28	0 33	20 54	1 42	23 1	0 24	10 5	1 41	3 35	15 6	13 50	13 20	25 47	3 16	3 6
T 26	23 23	8 50	3 57	25 3	2 0	18 43	1 40	24 8	0 44	22 27	0 32	20 54	1 42	23 1	0 24	10 5	1 41	3 35	15 5	13 50	13 21	25 45	3 16	3 6
W27	23 21	14 30	4 36	24 57	2 3	19 0	1 38	24 7	0 44	22 27	0 32	20 53	1 42	23 1	0 24	10 6	1 41	3 35	15 5	13 51	13 22	25 44	3 16	3 5
T 28	23 18	19 39	5 1	24 50	2 5	19 16	1 37	24 6	0 45	22 26	0 32	20 53	1 41	23 2	0 24	10 6	1 41	3 35	15 5	13 52	13 23	25 43	3 17	3 5
F 29	23 15	23 53	5 8	24 42	2 7	19 31	1 35	24 5	0 45	22 26	0 32	20 53	1 41	23 2	0 24	10 7	1 41	3 35	15 5	13 54	13 24	25 41	3 17	3 5
S 30	23 12	26 42	4 56	24 32	2 8	19 46	1 33	24 4	0 46	22 25	0 32	20 52	1 41	23 2	0 24	10 7	1 41	3 35	15 4	13 56	13 25	25 40	3 17	3 5
S 31	23s 8	27s41	4s23	24s20	2s 9	20s 1	1n31	24s 2	0s46	22n25	0s32	20n52	1s41	23n 2	0n24	10s 7	1n41	3n35	15s 4	13s59	13s26	25n38	3n17	3n 4

Julian Day Number = 2495342.5, Delta T = 103.22 sec
Ecliptic obliquity = 23°25'32, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'57, Lahiri = 25°31'57

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2120
geocentric

JANUARY 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 39 38	9♑44'11	9♑40	19♑45	8♐28	7♑12	18°R31	14°R31	14°R26	0♏41	21°R38	22°R28	24♒10	16♋ 6	1♈11	M 1
T 2	6 43 35	10°45'22	24°56	21°22	9°42	7°57	18♊24	14♊27	14♋23	0°42	21♉37	22♒24	24° 7	16°13	1°12	T 2
W 3	6 47 31	11°46'32	10♒ 3	22°59	10°57	8°42	18°17	14°23	14°21	0°43	21°36	22°21	24° 4	16°20	1°13	W 3
T 4	6 51 28	12°47'42	24°50	24°36	12°11	9°28	18°10	14°19	14°18	0°44	21°36	22°D21	24° 0	16°26	1°14	T 4
F 5	6 55 24	13°48'52	9♓13	26°12	13°25	10°14	18° 4	14°15	14°15	0°45	21°35	22°22	23°57	16°33	1°16	F 5
S 6	6 59 21	14°50'02	23°10	27°49	14°40	10°59	17°57	14°11	14°13	0°46	21°34	22°23	23°54	16°40	1°17	S 6
S 7	7 3 17	15°51'12	6♈41	29°25	15°54	11°45	17°51	14° 7	14°10	0°47	21°34	22°24	23°51	16°46	1°18	S 7
M 8	7 7 14	16°52'21	19°47	1♒ 0	17° 8	12°31	17°44	14° 3	14° 8	0°48	21°33	22°R25	23°48	16°53	1°20	M 8
T 9	7 11 11	17°53'30	2♉33	2°35	18°23	13°16	17°38	14° 0	14° 5	0°49	21°33	22°24	23°45	17° 0	1°21	T 9
W10	7 15 7	18°54'38	15° 1	4°10	19°37	14° 2	17°32	13°56	14° 2	0°50	21°32	22°21	23°41	17° 6	1°23	W10
T 11	7 19 4	19°55'46	27°16	5°43	20°52	14°48	17°26	13°53	14° 0	0°50	21°32	22°16	23°38	17°13	1°24	T 11
F 12	7 23 0	20°56'54	9♊21	7°14	22° 6	15°34	17°21	13°49	13°57	0°51	21°31	22°11	23°35	17°20	1°26	F 12
S 13	7 26 57	21°58'01	21°19	8°45	23°21	16°20	17°15	13°46	13°55	0°52	21°31	22° 5	23°32	17°26	1°27	S 13
S 14	7 30 53	22°59'08	3♋11	10°13	24°35	17° 5	17°10	13°43	13°52	0°52	21°30	22° 0	23°29	17°33	1°29	S 14
M15	7 34 50	24° 0'15	15° 1	11°38	25°49	17°51	17° 5	13°40	13°50	0°53	21°30	21°55	23°26	17°40	1°31	M15
T 16	7 38 47	25° 1'21	26°51	13° 1	27° 4	18°37	17° 0	13°36	13°47	0°54	21°29	21°51	23°22	17°46	1°33	T 16
W17	7 42 43	26° 2'27	8♌41	14°21	28°19	19°23	16°55	13°33	13°45	0°54	21°29	21°49	23°19	17°53	1°35	W17
T 18	7 46 40	27° 3'32	20°35	15°36	29°33	20°10	16°50	13°31	13°42	0°55	21°28	21°D48	23°16	18° 0	1°37	T 18
F 19	7 50 36	28° 4'37	2♍34	16°47	0♑48	20°56	16°46	13°28	13°40	0°55	21°28	21°49	23°13	18° 6	1°39	F 19
S 20	7 54 33	29° 5'42	14°41	17°52	2° 2	21°42	16°42	13°25	13°37	0°56	21°28	21°50	23°10	18°13	1°41	S 20
S 21	7 58 29	0♒ 6'46	26°59	18°51	3°17	22°28	16°38	13°22	13°35	0°56	21°27	21°52	23° 6	18°20	1°43	S 21
M22	8 2 26	1° 7'50	9♎32	19°43	4°31	23°14	16°34	13°20	13°32	0°56	21°27	21°53	23° 3	18°26	1°45	M22
T 23	8 6 22	2° 8'54	22°23	20°27	5°46	24° 0	16°30	13°18	13°30	0°57	21°27	21°54	23° 0	18°33	1°47	T 23
W24	8 10 19	3° 9'57	5♏36	21° 3	7° 1	24°47	16°26	13°15	13°27	0°57	21°27	21°R55	22°57	18°40	1°49	W24
T 25	8 14 16	4°11'00	19°14	21°28	8°15	25°33	16°23	13°13	13°25	0°57	21°26	21°54	22°54	18°46	1°51	T 25
F 26	8 18 12	5°12'03	3♐17	21°43	9°30	26°19	16°20	13°11	13°23	0°58	21°26	21°53	22°51	18°53	1°53	F 26
S 27	8 22 9	6°13'05	17°45	21°R48	10°45	27° 6	16°17	13° 9	13°20	0°58	21°26	21°51	22°47	19° 0	1°56	S 27
S 28	8 26 5	7°14'07	2♑34	21°41	11°59	27°52	16°14	13° 7	13°18	0°58	21°26	21°49	22°44	19° 6	1°58	S 28
M29	8 30 2	8°15'08	17°38	21°22	13°14	28°39	16°11	13° 5	13°16	0°58	21°26	21°47	22°41	19°13	2° 1	M29
T 30	8 33 58	9°16'08	2♒49	20°52	14°29	29°25	16° 9	13° 4	13°13	0°58	21°25	21°46	22°38	19°20	2° 3	T 30
W31	8 37 55	10♒17'08	17♒56	20♒11	15♑44	0♒12	16♊ 7	13♊ 2	13♋11	0♏58	21♉25	21°D45	22♒35	19♋26	2♈ 5	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 4	26s34	3s30	24s 7	2s10	20s15	1n29	24s 0	0s47	22n25	0s31	20n52	1s41	23n 3	0n24	10s 8	1n41	3n35	15s 4	14s 1	13s28	25n37	3n17	3n 4
T 2	22 59	23 29	2 23	23 52	2 10	20 28	1 26	23 58	0 47	22 24	0 31	20 51	1 41	23 3	0 24	10 8	1 41	3 35	15 4	14 2	13 29	25 35	3 17	3 4
W 3	22 54	18 47	1 6	23 36	2 10	20 41	1 24	23 56	0 48	22 24	0 31	20 51	1 40	23 3	0 24	10 8	1 41	3 35	15 3	14 3	13 30	25 34	3 18	3 4
T 4	22 49	13 1	0n14	23 19	2 9	20 53	1 22	23 53	0 48	22 23	0 31	20 51	1 40	23 4	0 24	10 8	1 41	3 35	15 3	14 3	13 31	25 32	3 18	3 4
F 5	22 43	6 42	1 31	22 59	2 8	21 5	1 20	23 50	0 49	22 23	0 31	20 51	1 40	23 4	0 24	10 9	1 41	3 35	15 3	14 3	13 32	25 30	3 18	3 3
S 6	22 36	0 16	2 40	22 39	2 6	21 16	1 17	23 47	0 49	22 22	0 30	20 50	1 40	23 4	0 24	10 9	1 41	3 35	15 3	14 3	13 33	25 29	3 19	3 3
S 7	22 29	5n59	3 38	22 17	2 4	21 26	1 15	23 44	0 49	22 22	0 30	20 50	1 40	23 4	0 24	10 9	1 42	3 36	15 2	14 2	13 34	25 27	3 19	3 3
M 8	22 22	11 47	4 23	21 53	2 1	21 36	1 13	23 40	0 50	22 22	0 30	20 50	1 39	23 5	0 24	10 9	1 42	3 36	15 2	14 2	13 35	25 26	3 19	3 3
T 9	22 14	16 56	4 54	21 28	1 57	21 45	1 10	23 36	0 50	22 21	0 30	20 50	1 39	23 5	0 24	10 10	1 42	3 36	15 2	14 2	13 36	25 24	3 20	3 2
W10	22 6	21 15	5 9	21 2	1 53	21 54	1 8	23 32	0 51	22 21	0 30	20 49	1 39	23 5	0 24	10 10	1 42	3 36	15 1	14 3	13 37	25 23	3 20	3 2
T 11	21 57	24 35	5 11	20 35	1 48	22 2	1 5	23 27	0 51	22 21	0 29	20 49	1 39	23 6	0 24	10 10	1 42	3 36	15 1	14 5	13 38	25 21	3 20	3 2
F 12	21 48	26 45	4 58	20 6	1 42	22 9	1 3	23 22	0 52	22 20	0 29	20 49	1 39	23 6	0 24	10 10	1 42	3 36	15 1	14 6	13 39	25 20	3 21	3 2
S 13	21 38	27 41	4 33	19 36	1 36	22 16	1 0	23 17	0 52	22 20	0 29	20 49	1 38	23 6	0 24	10 10	1 42	3 37	15 1	14 8	13 40	25 18	3 21	3 1
S 14	21 28	27 19	3 56	19 5	1 28	22 21	0 57	23 12	0 52	22 20	0 29	20 49	1 38	23 6	0 24	10 11	1 42	3 37	15 0	14 10	13 41	25 16	3 22	3 1
M15	21 18	25 42	3 8	18 34	1 20	22 27	0 55	23 6	0 53	22 19	0 29	20 48	1 38	23 7	0 24	10 11	1 42	3 37	15 0	14 12	13 42	25 15	3 22	3 1
T 16	21 7	22 57	2 13	18 2	1 11	22 31	0 52	23 1	0 53	22 19	0 29	20 48	1 38	23 7	0 24	10 11	1 42	3 37	15 0	14 13	13 43	25 13	3 23	3 1
W17	20 56	19 14	1 12	17 29	1 1	22 35	0 50	22 55	0 54	22 19	0 28	20 48	1 38	23 7	0 24	10 11	1 42	3 37	14 59	14 14	13 44	25 12	3 23	3 1
T 18	20 44	14 44	0 7	16 57	0 50	22 39	0 47	22 48	0 54	22 19	0 28	20 48	1 37	23 7	0 24	10 11	1 42	3 37	14 59	14 14	13 45	25 10	3 24	3 0
F 19	20 32	9 38	0s59	16 24	0 38	22 41	0 44	22 42	0 54	22 18	0 28	20 48	1 37	23 8	0 24	10 11	1 42	3 38	14 59	14 14	13 46	25 8	3 24	3 0
S 20	20 20	4 8	2 3	15 52	0 25	22 43	0 41	22 35	0 55	22 18	0 28	20 48	1 37	23 8	0 24	10 11	1 42	3 38	14 58	14 13	13 47	25 7	3 25	3 0
S 21	20 7	1s35	3 2	15 21	0 11	22 44	0 39	22 28	0 55	22 18	0 28	20 48	1 37	23 8	0 24	10 11	1 42	3 38	14 58	14 13	13 48	25 5	3 26	3 0
M22	19 54	7 21	3 54	14 50	0n 4	22 45	0 36	22 20	0 56	22 18	0 27	20 48	1 36	23 8	0 24	10 12	1 42	3 38	14 58	14 12	13 49	25 3	3 26	3 0
T 23	19 40	12 58	4 35	14 22	0 19	22 45	0 33	22 13	0 56	22 18	0 27	20 47	1 36	23 9	0 24	10 12	1 43	3 39	14 57	14 12	13 51	25 2	3 27	2 59
W24	19 26	18 9	5 4	13 55	0 36	22 44	0 30	22 5	0 56	22 17	0 27	20 47	1 36	23 9	0 24	10 12	1 43	3 39	14 57	14 12	13 52	25 0	3 28	2 59
T 25	19 12	22 35	5 16	13 30	0 53	22 43	0 28	21 57	0 57	22 17	0 27	20 47	1 36	23 9	0 24	10 12	1 43	3 39	14 57	14 12	13 53	24 59	3 28	2 59
F 26	18 57	25 52	5 10	13 9	1 10	22 40	0 25	21 49	0 57	22 17	0 26	20 47	1 35	23 9	0 24	10 12	1 43	3 39	14 56	14 12	13 54	24 57	3 29	2 59
S 27	18 42	27 35	4 45	12 51	1 28	22 37	0 22	21 40	0 57	22 17	0 26	20 47	1 35	23 10	0 24	10 12	1 43	3 40	14 56	14 13	13 55	24 55	3 30	2 59
S 28	18 27	27 24	4 0	12 36	1 46	22 34	0 19	21 31	0 58	22 17	0 26	20 47	1 35	23 10	0 24	10 12	1 43	3 40	14 56	14 14	13 56	24 53	3 31	2 58
M29	18 12	25 12	2 58	12 25	2 4	22 30	0 17	21 22	0 58	22 17	0 26	20 47	1 35	23 10	0 24	10 12	1 43	3 40	14 55	14 14	13 57	24 52	3 31	2 58
T 30	17 56	21 12	1 43	12 18	2 21	22 25	0 14	21 13	0 58	22 17	0 26	20 47	1 35	23 10	0 24	10 12	1 43	3 40	14 55	14 15	13 58	24 50	3 32	2 58
W31	17s39	15s47	0s21	12s16	2n37	22s19	0n11	21s 3	0s59	22n17	0s25	20n47	1s34	23n11	0n24	10s12	1n43	3n41	14s55	14s15	13s59	24n48	3n33	2n58

Julian Day Number = 2495373.5, Delta T = 103.27 sec
Ecliptic obliquity = 23°25'32, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'01, Lahiri = 25°32'01

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ASTRODIENST EPHEMERIS for the year 2120
geocentric

FEBRUARY 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 41 51	11♒18'06	2♓51	19°R21	16♉58	0♒58	16°R 5	13°R 1	13°R 9	0♏58	21°R25	21♒46	22♒32	19♋33	2♈ 8	T 1
F 2	8 45 48	12°19'03	17°25	18♒22	18°13	1°45	16♊ 3	12♊59	13♋ 7	0°R58	21♉25	21°46	22°28	19°40	2°11	F 2
S 3	8 49 45	13°20'00	1♈35	17°16	19°28	2°31	16° 2	12°58	13° 5	0°58	21°25	21°47	22°25	19°46	2°13	S 3
S 4	8 53 41	14°20'54	15°18	16° 6	20°42	3°18	16° 0	12°57	13° 2	0°58	21°25	21°48	22°22	19°53	2°16	S 4
M 5	8 57 38	15°21'48	28°33	14°52	21°57	4° 5	15°59	12°56	13° 0	0°58	21°D25	21°48	22°19	20° 0	2°18	M 5
T 6	9 1 34	16°22'40	11♉25	13°39	23°12	4°51	15°58	12°55	12°58	0°58	21°25	21°R49	22°16	20° 6	2°21	T 6
W 7	9 5 31	17°23'31	23°55	12°26	24°27	5°38	15°57	12°54	12°56	0°58	21°25	21°49	22°12	20°13	2°24	W 7
T 8	9 9 27	18°24'21	6♊ 9	11°17	25°41	6°25	15°57	12°54	12°54	0°58	21°25	21°48	22° 9	20°20	2°27	T 8
F 9	9 13 24	19°25'09	18°10	10°13	26°56	7°11	15°57	12°53	12°52	0°57	21°25	21°48	22° 6	20°26	2°29	F 9
S 10	9 17 20	20°25'55	0♋ 3	9°15	28°11	7°58	15°D57	12°53	12°50	0°57	21°25	21°48	22° 3	20°33	2°32	S 10
S 11	9 21 17	21°26'41	11°52	8°24	29°26	8°45	15°57	12°52	12°49	0°57	21°26	21°D48	22° 0	20°40	2°35	S 11
M12	9 25 14	22°27'25	23°41	7°41	0♒40	9°32	15°57	12°52	12°47	0°56	21°26	21°48	21°57	20°46	2°38	M12
T 13	9 29 10	23°28'07	5♌32	7° 6	1°55	10°19	15°57	12°D52	12°45	0°56	21°26	21°48	21°53	20°53	2°41	T 13
W14	9 33 7	24°28'48	17°27	6°39	3°10	11° 5	15°58	12°52	12°43	0°56	21°26	21°R48	21°50	21° 0	2°44	W14
T 15	9 37 3	25°29'27	29°29	6°21	4°24	11°52	15°59	12°52	12°42	0°55	21°26	21°48	21°47	21° 6	2°47	T 15
F 16	9 41 0	26°30'05	11♍41	6°10	5°39	12°39	16° 0	12°52	12°40	0°55	21°26	21°48	21°44	21°13	2°50	F 16
S 17	9 44 56	27°30'42	24° 2	6°D 6	6°54	13°26	16° 1	12°53	12°38	0°54	21°27	21°47	21°41	21°20	2°53	S 17
S 18	9 48 53	28°31'17	6♎35	6°10	8° 9	14°13	16° 3	12°53	12°37	0°54	21°27	21°46	21°37	21°26	2°56	S 18
M19	9 52 49	29°31'52	19°21	6°20	9°23	15° 0	16° 4	12°54	12°35	0°53	21°27	21°45	21°34	21°33	2°59	M19
T 20	9 56 46	0♓32'25	2♏22	6°37	10°38	15°47	16° 6	12°54	12°34	0°53	21°28	21°44	21°31	21°40	3° 2	T 20
W21	10 0 43	1°32'56	15°39	6°59	11°53	16°34	16° 8	12°55	12°32	0°52	21°28	21°43	21°28	21°46	3° 6	W21
T 22	10 4 39	2°33'27	29°13	7°27	13° 8	17°21	16°11	12°56	12°31	0°51	21°28	21°D43	21°25	21°53	3° 9	T 22
F 23	10 8 36	3°33'56	13♐ 6	8° 0	14°22	18° 8	16°13	12°57	12°29	0°51	21°29	21°43	21°22	22° 0	3°12	F 23
S 24	10 12 32	4°34'24	27°17	8°37	15°37	18°55	16°16	12°58	12°28	0°50	21°29	21°44	21°18	22° 6	3°15	S 24
S 25	10 16 29	5°34'51	11♑44	9°19	16°52	19°42	16°19	12°59	12°27	0°49	21°30	21°45	21°15	22°13	3°19	S 25
M26	10 20 25	6°35'17	26°24	10° 5	18° 7	20°29	16°22	13° 1	12°26	0°48	21°30	21°46	21°12	22°20	3°22	M26
T 27	10 24 22	7°35'40	11♒12	10°54	19°21	21°16	16°25	13° 2	12°24	0°48	21°30	21°47	21° 9	22°26	3°25	T 27
W28	10 28 18	8°36'03	26° 1	11°47	20°36	22° 3	16°28	13° 4	12°23	0°47	21°31	21°R47	21° 6	22°33	3°28	W28
T 29	10 32 15	9♓36'23	10♓45	12♒42	21♒51	22♒50	16♊32	13♊ 6	12♋22	0♏46	21♉31	21♒46	21♒ 3	22♋40	3♈32	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s23	9s30	1n 1	12s17	2n52	22s13	0n 8	20s54	0s59	22n17	0s25	20n47	1s34	23n11	0n24	10s12	1n43	3n41	14s55	14s15	14s 0	24n47	3n34	2n58
F 2	17 6	2 51	2 18	12 22	3 5	22 6	0 6	20 44	0 59	22 17	0 25	20 48	1 34	23 11	0 24	10 12	1 43	3 41	14 54	14 15	14 1	24 45	3 35	2 57
S 3	16 49	3n45	3 24	12 31	3 17	21 58	0 3	20 33	1 0	22 17	0 25	20 48	1 34	23 11	0 24	10 12	1 43	3 42	14 54	14 14	14 2	24 43	3 36	2 57
S 4	16 31	9 57	4 16	12 43	3 26	21 50	0 0	20 23	1 0	22 17	0 25	20 48	1 33	23 11	0 24	10 11	1 43	3 42	14 54	14 14	14 3	24 42	3 36	2 57
M 5	16 13	15 30	4 52	12 58	3 33	21 41	0s 3	20 12	1 0	22 17	0 24	20 48	1 33	23 12	0 24	10 11	1 43	3 42	14 53	14 14	14 4	24 40	3 37	2 57
T 6	15 55	20 12	5 12	13 15	3 37	21 31	0 5	20 1	1 1	22 17	0 24	20 48	1 33	23 12	0 24	10 11	1 43	3 43	14 53	14 14	14 5	24 38	3 38	2 57
W 7	15 37	23 52	5 17	13 33	3 39	21 21	0 8	19 50	1 1	22 17	0 24	20 48	1 33	23 12	0 24	10 11	1 43	3 43	14 53	14 14	14 6	24 36	3 39	2 57
T 8	15 18	26 22	5 8	13 52	3 39	21 10	0 11	19 39	1 1	22 17	0 24	20 48	1 32	23 12	0 24	10 11	1 43	3 43	14 52	14 14	14 7	24 35	3 40	2 56
F 9	14 59	27 38	4 45	14 12	3 36	20 59	0 13	19 27	1 2	22 18	0 24	20 48	1 32	23 12	0 24	10 11	1 44	3 44	14 52	14 14	14 8	24 33	3 41	2 56
S 10	14 40	27 35	4 10	14 32	3 31	20 46	0 16	19 16	1 2	22 18	0 23	20 49	1 32	23 13	0 24	10 11	1 44	3 44	14 52	14 14	14 9	24 31	3 42	2 56
S 11	14 21	26 17	3 24	14 51	3 25	20 34	0 18	19 4	1 2	22 18	0 23	20 49	1 32	23 13	0 24	10 11	1 44	3 44	14 51	14 14	14 10	24 29	3 43	2 56
M12	14 1	23 49	2 30	15 10	3 17	20 20	0 21	18 52	1 2	22 18	0 23	20 49	1 31	23 13	0 24	10 10	1 44	3 45	14 51	14 14	14 11	24 28	3 44	2 56
T 13	13 41	20 19	1 29	15 28	3 7	20 6	0 24	18 39	1 3	22 18	0 23	20 49	1 31	23 13	0 24	10 10	1 44	3 45	14 51	14 14	14 12	24 26	3 45	2 56
W14	13 21	15 59	0 24	15 44	2 57	19 52	0 26	18 27	1 3	22 19	0 23	20 50	1 31	23 13	0 24	10 10	1 44	3 45	14 50	14 14	14 13	24 24	3 46	2 55
T 15	13 1	10 59	0s43	16 0	2 46	19 37	0 29	18 14	1 3	22 19	0 22	20 50	1 31	23 13	0 24	10 10	1 44	3 46	14 50	14 14	14 14	24 22	3 47	2 55
F 16	12 40	5 31	1 48	16 14	2 34	19 21	0 31	18 1	1 3	22 19	0 22	20 50	1 30	23 14	0 24	10 10	1 44	3 46	14 50	14 14	14 15	24 20	3 48	2 55
S 17	12 20	0s14	2 50	16 26	2 22	19 5	0 33	17 48	1 4	22 20	0 22	20 50	1 30	23 14	0 24	10 9	1 44	3 47	14 49	14 14	14 16	24 19	3 49	2 55
S 18	11 59	6 2	3 44	16 37	2 10	18 48	0 36	17 34	1 4	22 20	0 22	20 51	1 30	23 14	0 24	10 9	1 44	3 47	14 49	14 15	14 17	24 17	3 50	2 55
M19	11 38	11 42	4 28	16 47	1 57	18 30	0 38	17 21	1 4	22 20	0 22	20 51	1 30	23 14	0 24	10 9	1 44	3 47	14 49	14 15	14 18	24 15	3 51	2 55
T 20	11 17	16 58	4 59	16 55	1 45	18 12	0 40	17 7	1 4	22 21	0 22	20 51	1 29	23 14	0 24	10 9	1 44	3 48	14 48	14 15	14 19	24 13	3 53	2 54
W21	10 55	21 32	5 15	17 2	1 32	17 54	0 43	16 53	1 5	22 21	0 21	20 52	1 29	23 14	0 24	10 8	1 44	3 48	14 48	14 15	14 20	24 11	3 54	2 54
T 22	10 33	25 5	5 14	17 7	1 20	17 35	0 45	16 39	1 5	22 21	0 21	20 52	1 29	23 14	0 24	10 8	1 44	3 49	14 48	14 16	14 21	24 9	3 55	2 54
F 23	10 12	27 14	4 55	17 10	1 8	17 15	0 47	16 25	1 5	22 22	0 21	20 52	1 29	23 14	0 24	10 8	1 44	3 49	14 47	14 15	14 22	24 8	3 56	2 54
S 24	9 50	27 42	4 18	17 12	0 56	16 56	0 49	16 11	1 5	22 22	0 21	20 53	1 28	23 15	0 24	10 8	1 44	3 49	14 47	14 15	14 23	24 6	3 57	2 54
S 25	9 28	26 18	3 24	17 12	0 44	16 35	0 51	15 56	1 5	22 23	0 21	20 53	1 28	23 15	0 24	10 7	1 44	3 50	14 47	14 15	14 24	24 4	3 58	2 54
M26	9 5	23 5	2 16	17 11	0 32	16 14	0 53	15 41	1 5	22 23	0 20	20 54	1 28	23 15	0 24	10 7	1 45	3 50	14 46	14 15	14 25	24 2	3 59	2 54
T 27	8 43	18 20	0 58	17 9	0 21	15 53	0 55	15 26	1 6	22 24	0 20	20 54	1 28	23 15	0 24	10 7	1 45	3 51	14 46	14 14	14 26	24 0	4 1	2 53
W28	8 20	12 28	0n23	17 5	0 10	15 31	0 57	15 11	1 6	22 24	0 20	20 54	1 27	23 15	0 24	10 6	1 45	3 51	14 46	14 14	14 28	23 58	4 2	2 53
T 29	7s58	5s57	1n43	16s59	0s 0	15s 9	0s59	14s56	1s 6	22n25	0s20	20n55	1s27	23n15	0n24	10s 6	1n45	3n51	14s45	14s15	14s29	23n56	4n 3	2n53

Julian Day Number = 2495404.5, Delta T = 103.31 sec
Ecliptic obliquity = 23°25'32, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'05, Lahiri = 25°32'06

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ASTRODIENST EPHEMERIS for the year 2120
geocentric

MARCH 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 36 12	10♓36'42	25♓15	13♒41	23♒ 5	23♒37	16♊36	13♊ 7	12°R21	0°R45	21♉32	21°R45	20♒59	22♋46	3♈35	F 1
S 2	10 40 8	11°36'59	9♈26	14°42	24°20	24°24	16°40	13° 9	12♋20	0♏44	21°33	21♒42	20°56	22°53	3°39	S 2
S 3	10 44 5	12°37'15	23°14	15°46	25°35	25°11	16°44	13°11	12°19	0°43	21°33	21°39	20°53	23° 0	3°42	S 3
M 4	10 48 1	13°37'28	6♉37	16°52	26°50	25°58	16°48	13°13	12°18	0°42	21°34	21°36	20°50	23° 6	3°45	M 4
T 5	10 51 58	14°37'39	19°34	18° 0	28° 4	26°46	16°53	13°16	12°17	0°41	21°34	21°33	20°47	23°13	3°49	T 5
W 6	10 55 54	15°37'49	2♊10	19°10	29°19	27°33	16°57	13°18	12°17	0°40	21°35	21°31	20°43	23°20	3°52	W 6
T 7	10 59 51	16°37'56	14°26	20°23	0♓34	28°20	17° 2	13°20	12°16	0°39	21°36	21°D30	20°40	23°26	3°56	T 7
F 8	11 3 47	17°38'01	26°29	21°37	1°48	29° 7	17° 7	13°23	12°15	0°38	21°36	21°31	20°37	23°33	3°59	F 8
S 9	11 7 44	18°38'04	8♋22	22°53	3° 3	29°54	17°13	13°26	12°15	0°37	21°37	21°32	20°34	23°40	4° 3	S 9
S 10	11 11 41	19°38'05	20°10	24°10	4°18	0♓41	17°18	13°28	12°14	0°36	21°38	21°34	20°31	23°46	4° 6	S 10
M11	11 15 37	20°38'04	1♌59	25°29	5°32	1°28	17°23	13°31	12°14	0°35	21°38	21°36	20°28	23°53	4°10	M11
T 12	11 19 34	21°38'00	13°52	26°50	6°47	2°15	17°29	13°34	12°13	0°33	21°39	21°37	20°24	24° 0	4°13	T 12
W13	11 23 30	22°37'55	25°54	28°13	8° 1	3° 3	17°35	13°37	12°13	0°32	21°40	21°R37	20°21	24° 6	4°17	W13
T 14	11 27 27	23°37'47	8♍ 6	29°36	9°16	3°50	17°41	13°40	12°12	0°31	21°41	21°36	20°18	24°13	4°20	T 14
F 15	11 31 23	24°37'38	20°32	1♐ 1	10°31	4°37	17°47	13°44	12°12	0°30	21°41	21°33	20°15	24°20	4°24	F 15
S 16	11 35 20	25°37'26	3♎11	2°28	11°45	5°24	17°54	13°47	12°12	0°29	21°42	21°28	20°12	24°26	4°28	S 16
S 17	11 39 16	26°37'13	16° 5	3°56	13° 0	6°11	18° 0	13°50	12°12	0°27	21°43	21°23	20° 9	24°33	4°31	S 17
M18	11 43 13	27°36'57	29°13	5°25	14°14	6°58	18° 7	13°54	12°11	0°26	21°44	21°17	20° 5	24°40	4°35	M18
T 19	11 47 9	28°36'40	12♏35	6°56	15°29	7°45	18°14	13°58	12°11	0°25	21°45	21°11	20° 2	24°46	4°38	T 19
W20	11 51 6	29°36'21	26° 8	8°28	16°44	8°32	18°21	14° 1	12°D11	0°23	21°46	21° 5	19°59	24°53	4°42	W20
T 21	11 55 3	0♈36'01	9♐52	10° 1	17°58	9°19	18°28	14° 5	12°11	0°22	21°47	21° 2	19°56	24°59	4°45	T 21
F 22	11 58 59	1°35'39	23°46	11°35	19°13	10° 7	18°35	14° 9	12°11	0°21	21°47	21° 0	19°53	25° 6	4°49	F 22
S 23	12 2 56	2°35'15	7♑49	13°11	20°27	10°54	18°42	14°13	12°12	0°19	21°48	21°D 0	19°49	25°13	4°53	S 23
S 24	12 6 52	3°34'49	22° 0	14°48	21°42	11°41	18°50	14°17	12°12	0°18	21°49	21° 1	19°46	25°19	4°56	S 24
M25	12 10 49	4°34'22	6♒18	16°26	22°56	12°28	18°58	14°22	12°12	0°16	21°50	21° 2	19°43	25°26	5° 0	M25
T 26	12 14 45	5°33'53	20°40	18° 6	24°11	13°15	19° 5	14°26	12°12	0°15	21°51	21°R 3	19°40	25°33	5° 3	T 26
W27	12 18 42	6°33'22	5♓ 2	19°47	25°25	14° 2	19°13	14°30	12°13	0°13	21°52	21° 2	19°37	25°39	5° 7	W27
T 28	12 22 38	7°32'49	19°21	21°29	26°40	14°49	19°22	14°35	12°13	0°12	21°53	20°59	19°34	25°46	5°11	T 28
F 29	12 26 35	8°32'15	3♈32	23°13	27°54	15°36	19°30	14°39	12°13	0°10	21°54	20°54	19°30	25°53	5°14	F 29
S 30	12 30 32	9°31'38	17°29	24°58	29° 9	16°23	19°38	14°44	12°14	0° 9	21°55	20°47	19°27	25°59	5°18	S 30
S 31	12 34 28	10♈30'59	1♉ 9	26♓44	0♈23	17♓10	19♊47	14♊49	12♋14	0♏ 7	21♉56	20♒38	19♒24	26♋ 6	5♈21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s35	0n47	2n55	16s52	0s10	14s46	1s 1	14s41	1s 6	22n26	0s20	20n55	1s27	23n15	0n24	10s 6	1n45	3n52	14s45	14s15	14s30	23n54	4n 4	2n53
S 2	7 12	7 19	3 54	16 44	0 20	14 23	1 2	14 25	1 6	22 26	0 19	20 56	1 27	23 15	0 24	10 5	1 45	3 52	14 45	14 16	14 31	23 53	4 6	2 53
S 3	6 49	13 19	4 37	16 34	0 30	14 0	1 4	14 10	1 6	22 27	0 19	20 56	1 26	23 15	0 24	10 5	1 45	3 53	14 44	14 17	14 32	23 51	4 7	2 53
M 4	6 26	18 30	5 4	16 23	0 39	13 36	1 6	13 54	1 7	22 27	0 19	20 57	1 26	23 15	0 24	10 4	1 45	3 53	14 44	14 18	14 33	23 49	4 8	2 53
T 5	6 3	22 40	5 15	16 11	0 47	13 12	1 7	13 38	1 7	22 28	0 19	20 57	1 26	23 15	0 24	10 4	1 45	3 54	14 44	14 19	14 34	23 47	4 9	2 53
W 6	5 40	25 38	5 10	15 57	0 56	12 47	1 9	13 22	1 7	22 29	0 19	20 58	1 26	23 16	0 24	10 4	1 45	3 54	14 43	14 19	14 35	23 45	4 11	2 52
T 7	5 16	27 19	4 50	15 42	1 4	12 22	1 10	13 6	1 7	22 29	0 19	20 58	1 26	23 16	0 24	10 3	1 45	3 55	14 43	14 20	14 36	23 43	4 12	2 52
F 8	4 53	27 41	4 18	15 25	1 11	11 57	1 12	12 49	1 7	22 30	0 18	20 59	1 25	23 16	0 24	10 3	1 45	3 55	14 43	14 19	14 37	23 41	4 13	2 52
S 9	4 30	26 45	3 36	15 7	1 19	11 31	1 13	12 33	1 7	22 31	0 18	21 0	1 25	23 16	0 24	10 2	1 45	3 55	14 43	14 19	14 38	23 39	4 14	2 52
S 10	4 6	24 37	2 44	14 48	1 25	11 5	1 15	12 16	1 7	22 31	0 18	21 0	1 25	23 16	0 24	10 2	1 45	3 56	14 42	14 19	14 39	23 37	4 16	2 52
M11	3 43	21 25	1 46	14 28	1 32	10 39	1 16	12 0	1 7	22 32	0 18	21 1	1 25	23 16	0 24	10 1	1 45	3 56	14 42	14 18	14 40	23 35	4 17	2 52
T 12	3 19	17 20	0 42	14 6	1 38	10 13	1 17	11 43	1 7	22 33	0 18	21 1	1 24	23 16	0 24	10 1	1 45	3 57	14 42	14 18	14 41	23 33	4 18	2 52
W13	2 55	12 31	0s23	13 43	1 44	9 46	1 18	11 26	1 7	22 33	0 18	21 2	1 24	23 16	0 24	10 1	1 45	3 57	14 41	14 17	14 42	23 31	4 20	2 52
T 14	2 32	7 9	1 29	13 18	1 49	9 19	1 19	11 9	1 7	22 34	0 17	21 2	1 24	23 16	0 24	10 0	1 45	3 58	14 41	14 18	14 43	23 29	4 21	2 52
F 15	2 8	1 26	2 32	12 53	1 54	8 52	1 20	10 52	1 8	22 35	0 17	21 3	1 24	23 16	0 24	10 0	1 45	3 58	14 41	14 19	14 44	23 27	4 22	2 52
S 16	1 44	4s27	3 28	12 26	1 58	8 24	1 21	10 34	1 8	22 36	0 17	21 4	1 23	23 16	0 24	9 59	1 45	3 59	14 41	14 20	14 45	23 26	4 24	2 52
S 17	1 21	10 14	4 14	11 57	2 2	7 56	1 22	10 17	1 8	22 36	0 17	21 4	1 23	23 16	0 24	9 59	1 45	3 59	14 40	14 22	14 46	23 24	4 25	2 51
M18	0 57	15 41	4 48	11 28	2 6	7 28	1 23	10 0	1 8	22 37	0 17	21 5	1 23	23 16	0 24	9 58	1 45	4 0	14 40	14 24	14 47	23 22	4 26	2 51
T 19	0 33	20 28	5 7	10 57	2 9	7 0	1 24	9 42	1 8	22 38	0 17	21 6	1 23	23 16	0 24	9 58	1 45	4 0	14 40	14 26	14 48	23 20	4 28	2 51
W20	0 9	24 17	5 9	10 26	2 12	6 32	1 24	9 25	1 8	22 39	0 16	21 6	1 23	23 16	0 24	9 57	1 46	4 1	14 39	14 28	14 49	23 18	4 29	2 51
T 21	0n14	26 46	4 54	9 53	2 14	6 4	1 25	9 7	1 8	22 39	0 16	21 7	1 22	23 16	0 24	9 57	1 46	4 1	14 39	14 29	14 50	23 16	4 30	2 51
F 22	0 38	27 38	4 21	9 18	2 16	5 35	1 26	8 49	1 8	22 40	0 16	21 8	1 22	23 16	0 24	9 56	1 46	4 1	14 39	14 29	14 51	23 14	4 32	2 51
S 23	1 2	26 44	3 33	8 43	2 17	5 6	1 26	8 31	1 8	22 41	0 16	21 8	1 22	23 16	0 24	9 56	1 46	4 2	14 39	14 29	14 52	23 12	4 33	2 51
S 24	1 25	24 7	2 31	8 7	2 18	4 37	1 27	8 13	1 8	22 42	0 16	21 9	1 22	23 16	0 24	9 55	1 46	4 2	14 38	14 29	14 53	23 10	4 35	2 51
M25	1 49	19 58	1 19	7 29	2 19	4 8	1 27	7 55	1 8	22 42	0 16	21 10	1 21	23 16	0 24	9 55	1 46	4 3	14 38	14 29	14 54	23 7	4 36	2 51
T 26	2 13	14 38	0 2	6 50	2 19	3 39	1 27	7 37	1 8	22 43	0 15	21 10	1 21	23 16	0 24	9 54	1 46	4 3	14 38	14 28	14 55	23 5	4 37	2 51
W27	2 36	8 30	1n15	6 10	2 19	3 9	1 27	7 19	1 8	22 44	0 15	21 11	1 21	23 16	0 24	9 54	1 46	4 4	14 38	14 29	14 56	23 3	4 39	2 51
T 28	3 0	1 58	2 27	5 29	2 18	2 40	1 28	7 1	1 8	22 45	0 15	21 12	1 21	23 16	0 24	9 53	1 46	4 4	14 37	14 30	14 57	23 1	4 40	2 51
F 29	3 23	4n36	3 29	4 47	2 16	2 10	1 28	6 43	1 7	22 46	0 15	21 13	1 21	23 16	0 24	9 52	1 46	4 5	14 37	14 31	14 58	22 59	4 41	2 51
S 30	3 46	10 49	4 17	4 4	2 15	1 41	1 28	6 24	1 7	22 46	0 15	21 13	1 20	23 15	0 24	9 52	1 46	4 5	14 37	14 34	14 59	22 57	4 43	2 51
S 31	4n10	16n23	4n49	3s19	2s12	1s11	1s28	6s 6	1s 7	22n47	0s15	21n14	1s20	23n15	0n24	9s51	1n46	4n 6	14s37	14s36	15s 0	22n55	4n44	2n50

Julian Day Number = 2495433.5, Delta T = 103.36 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'09, Lahiri = 25°32'10

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ASTRODIENST EPHEMERIS for the year 2120
geocentric

APRIL 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 38 25	11♈30'18	14♉28	28♓32	1♈38	17♓57	19♊55	14♊53	12♋15	0°R 6	21♉57	20°R29	19♒21	26♋13	5♈25	M 1
T 2	12 42 21	12°29'35	27°25	0♈21	2°52	18°44	20° 4	14°58	12°16	0♏ 4	21°58	20♒21	19°18	26°19	5°29	T 2
W 3	12 46 18	13°28'50	10♊ 2	2°11	4° 7	19°31	20°13	15° 3	12°16	0° 3	22° 0	20°14	19°14	26°26	5°32	W 3
T 4	12 50 14	14°28'02	22°21	4° 3	5°21	20°18	20°22	15° 8	12°17	0° 1	22° 1	20° 9	19°11	26°33	5°36	T 4
F 5	12 54 11	15°27'12	4♋24	5°56	6°35	21° 5	20°31	15°13	12°18	29♎59	22° 2	20° 7	19° 8	26°39	5°39	F 5
S 6	12 58 7	16°26'20	16°18	7°51	7°50	21°52	20°40	15°19	12°19	29°58	22° 3	20°D 6	19° 5	26°46	5°43	S 6
S 7	13 2 4	17°25'26	28° 7	9°46	9° 4	22°39	20°50	15°24	12°20	29°57	22° 4	20° 7	19° 2	26°53	5°46	S 7
M 8	13 6 1	18°24'29	9♌56	11°44	10°18	23°26	20°59	15°29	12°21	29°55	22° 5	20° 7	18°59	26°59	5°50	M 8
T 9	13 9 57	19°23'30	21°52	13°42	11°33	24°12	21° 9	15°35	12°22	29°53	22° 6	20°R 8	18°55	27° 6	5°53	T 9
W10	13 13 54	20°22'29	3♍58	15°42	12°47	24°59	21°18	15°40	12°23	29°52	22° 8	20° 7	18°52	27°13	5°57	W10
T 11	13 17 50	21°21'25	16°18	17°43	14° 1	25°46	21°28	15°46	12°24	29°50	22° 9	20° 4	18°49	27°19	6° 1	T 11
F 12	13 21 47	22°20'19	28°56	19°46	15°16	26°33	21°38	15°51	12°25	29°49	22°10	19°58	18°46	27°26	6° 4	F 12
S 13	13 25 43	23°19'11	11♎52	21°49	16°30	27°20	21°48	15°57	12°26	29°47	22°11	19°50	18°43	27°33	6° 7	S 13
S 14	13 29 40	24°18'01	25° 8	23°53	17°44	28° 6	21°58	16° 3	12°28	29°45	22°12	19°40	18°40	27°39	6°11	S 14
M15	13 33 36	25°16'50	8♏41	25°59	18°58	28°53	22° 8	16° 9	12°29	29°44	22°14	19°29	18°36	27°46	6°14	M15
T 16	13 37 33	26°15'36	22°29	28° 5	20°13	29°40	22°19	16°14	12°30	29°42	22°15	19°18	18°33	27°53	6°18	T 16
W17	13 41 30	27°14'20	6♐27	0♉11	21°27	0♈26	22°29	16°20	12°32	29°40	22°16	19° 9	18°30	27°59	6°21	W17
T 18	13 45 26	28°13'03	20°32	2°18	22°41	1°13	22°40	16°26	12°33	29°39	22°17	19° 2	18°27	28° 6	6°25	T 18
F 19	13 49 23	29°11'44	4♑40	4°25	23°55	2° 0	22°50	16°32	12°35	29°37	22°18	18°57	18°24	28°13	6°28	F 19
S 20	13 53 19	0♉10'24	18°49	6°31	25°10	2°46	23° 1	16°39	12°36	29°35	22°20	18°55	18°20	28°19	6°31	S 20
S 21	13 57 16	1° 9'02	2♒56	8°38	26°24	3°33	23°12	16°45	12°38	29°34	22°21	18°D54	18°17	28°26	6°35	S 21
M22	14 1 12	2° 7'38	17° 2	10°43	27°38	4°19	23°23	16°51	12°40	29°32	22°22	18°R55	18°14	28°32	6°38	M22
T 23	14 5 9	3° 6'12	1♓ 4	12°47	28°52	5° 6	23°34	16°57	12°41	29°30	22°24	18°54	18°11	28°39	6°41	T 23
W24	14 9 5	4° 4'45	15° 3	14°50	0♉ 6	5°52	23°45	17° 4	12°43	29°29	22°25	18°52	18° 8	28°46	6°45	W24
T 25	14 13 2	5° 3'16	28°55	16°51	1°20	6°39	23°56	17°10	12°45	29°27	22°26	18°47	18° 5	28°52	6°48	T 25
F 26	14 16 59	6° 1'45	12♈40	18°50	2°35	7°25	24° 7	17°17	12°47	29°26	22°27	18°39	18° 1	28°59	6°51	F 26
S 27	14 20 55	7° 0'13	26°14	20°46	3°49	8°12	24°18	17°23	12°49	29°24	22°29	18°29	17°58	29° 6	6°54	S 27
S 28	14 24 52	7°58'39	9♉35	22°40	5° 3	8°58	24°30	17°30	12°51	29°22	22°30	18°17	17°55	29°12	6°58	S 28
M29	14 28 48	8°57'03	22°40	24°31	6°17	9°44	24°41	17°37	12°53	29°21	22°31	18° 4	17°52	29°19	7° 1	M29
T 30	14 32 45	9♉55'25	5♊28	26♉19	7♉31	10♈31	24♊53	17♊43	12♋55	29♎19	22♉33	17♒52	17♒49	29♋26	7♈ 4	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n33	21n 1	5n 5	2s34	2s10	0s42	1s28	5s48	1s 7	22n48	0s15	21n15	1s20	23n15	0n24	9s51	1n46	4n 6	14s37	14s39	15s 1	22n53	4n46	2n50
T 2	4 56	24 31	5 4	1 48	2 6	0 12	1 27	5 29	1 7	22 49	0 14	21 15	1 20	23 15	0 24	9 50	1 46	4 7	14 36	14 42	15 2	22 51	4 47	2 50
W 3	5 19	26 42	4 49	1 0	2 2	0n18	1 27	5 11	1 7	22 50	0 14	21 16	1 20	23 15	0 24	9 50	1 46	4 7	14 36	14 44	15 3	22 49	4 48	2 50
T 4	5 42	27 32	4 20	0 12	1 58	0 48	1 27	4 52	1 7	22 50	0 14	21 17	1 19	23 15	0 24	9 49	1 46	4 8	14 36	14 45	15 4	22 47	4 50	2 50
F 5	6 5	27 1	3 40	0n37	1 53	1 17	1 27	4 34	1 7	22 51	0 14	21 18	1 19	23 15	0 24	9 49	1 46	4 8	14 36	14 46	15 5	22 45	4 51	2 50
S 6	6 28	25 16	2 51	1 27	1 48	1 47	1 26	4 15	1 7	22 52	0 14	21 18	1 19	23 15	0 24	9 48	1 46	4 8	14 35	14 46	15 6	22 43	4 52	2 50
S 7	6 50	22 25	1 55	2 18	1 42	2 17	1 26	3 56	1 7	22 53	0 14	21 19	1 19	23 15	0 24	9 47	1 46	4 9	14 35	14 46	15 7	22 41	4 54	2 50
M 8	7 13	18 37	0 54	3 10	1 36	2 46	1 25	3 38	1 7	22 54	0 14	21 20	1 19	23 15	0 24	9 47	1 46	4 9	14 35	14 46	15 8	22 39	4 55	2 50
T 9	7 35	14 4	0s 9	4 2	1 29	3 16	1 25	3 19	1 6	22 54	0 13	21 21	1 18	23 15	0 24	9 46	1 46	4 10	14 35	14 46	15 9	22 36	4 57	2 50
W10	7 57	8 55	1 13	4 55	1 22	3 45	1 24	3 0	1 6	22 55	0 13	21 22	1 18	23 15	0 24	9 46	1 46	4 10	14 35	14 46	15 10	22 34	4 58	2 50
T 11	8 19	3 20	2 15	5 49	1 14	4 15	1 23	2 42	1 6	22 56	0 13	21 22	1 18	23 14	0 24	9 45	1 46	4 11	14 35	14 47	15 11	22 32	4 59	2 50
F 12	8 41	2s30	3 12	6 43	1 6	4 44	1 22	2 23	1 6	22 57	0 13	21 23	1 18	23 14	0 24	9 45	1 46	4 11	14 34	14 49	15 12	22 30	5 1	2 50
S 13	9 3	8 22	4 0	7 37	0 57	5 14	1 22	2 4	1 6	22 58	0 13	21 24	1 18	23 14	0 24	9 44	1 46	4 12	14 34	14 52	15 12	22 28	5 2	2 50
S 14	9 25	14 0	4 36	8 31	0 48	5 43	1 21	1 45	1 6	22 58	0 13	21 25	1 17	23 14	0 24	9 43	1 46	4 12	14 34	14 55	15 13	22 26	5 3	2 50
M15	9 46	19 5	4 57	9 26	0 38	6 12	1 20	1 27	1 5	22 59	0 13	21 25	1 17	23 14	0 24	9 43	1 46	4 13	14 34	14 58	15 14	22 24	5 5	2 50
T 16	10 8	23 15	5 2	10 20	0 29	6 41	1 19	1 8	1 5	23 0	0 12	21 26	1 17	23 14	0 24	9 42	1 46	4 13	14 34	15 1	15 15	22 22	5 6	2 50
W17	10 29	26 7	4 49	11 15	0 18	7 10	1 18	0 49	1 5	23 0	0 12	21 27	1 17	23 14	0 24	9 42	1 46	4 13	14 34	15 4	15 16	22 19	5 7	2 50
T 18	10 50	27 23	4 19	12 9	0 8	7 38	1 17	0 30	1 5	23 1	0 12	21 28	1 17	23 13	0 24	9 41	1 46	4 14	14 33	15 7	15 17	22 17	5 9	2 50
F 19	11 11	26 53	3 32	13 2	0n 3	8 7	1 15	0 12	1 5	23 2	0 12	21 29	1 17	23 13	0 24	9 41	1 46	4 14	14 33	15 8	15 18	22 15	5 10	2 50
S 20	11 32	24 38	2 33	13 54	0 14	8 35	1 14	0n 7	1 4	23 3	0 12	21 29	1 16	23 13	0 24	9 40	1 46	4 15	14 33	15 9	15 19	22 13	5 11	2 50
S 21	11 52	20 51	1 24	14 45	0 25	9 3	1 13	0 26	1 4	23 3	0 12	21 30	1 16	23 13	0 24	9 39	1 46	4 15	14 33	15 9	15 20	22 11	5 13	2 50
M22	12 12	15 53	0 10	15 36	0 35	9 31	1 11	0 44	1 4	23 4	0 12	21 31	1 16	23 13	0 24	9 39	1 46	4 16	14 33	15 9	15 21	22 9	5 14	2 50
T 23	12 32	10 5	1n 4	16 24	0 46	9 58	1 10	1 3	1 4	23 5	0 12	21 32	1 16	23 13	0 23	9 38	1 46	4 16	14 33	15 9	15 22	22 6	5 15	2 50
W24	12 52	3 50	2 14	17 11	0 57	10 26	1 9	1 22	1 3	23 5	0 11	21 32	1 16	23 12	0 23	9 38	1 46	4 16	14 33	15 10	15 23	22 4	5 17	2 50
T 25	13 12	2n33	3 15	17 56	1 7	10 53	1 7	1 40	1 3	23 6	0 11	21 33	1 16	23 12	0 23	9 37	1 46	4 17	14 32	15 11	15 24	22 2	5 18	2 50
F 26	13 31	8 45	4 4	18 39	1 18	11 20	1 6	1 59	1 3	23 7	0 11	21 34	1 15	23 12	0 23	9 36	1 46	4 17	14 32	15 14	15 25	22 0	5 19	2 50
S 27	13 51	14 27	4 39	19 20	1 27	11 47	1 4	2 17	1 3	23 7	0 11	21 35	1 15	23 12	0 23	9 36	1 46	4 18	14 32	15 17	15 26	21 58	5 21	2 50
S 28	14 10	19 22	4 57	19 59	1 37	12 13	1 2	2 36	1 2	23 8	0 11	21 36	1 15	23 12	0 23	9 35	1 46	4 18	14 32	15 20	15 27	21 55	5 22	2 50
M29	14 28	23 15	5 0	20 36	1 46	12 39	1 1	2 54	1 2	23 8	0 11	21 36	1 15	23 11	0 23	9 35	1 46	4 19	14 32	15 24	15 28	21 53	5 23	2 50
T 30	14n47	25n54	4n47	21n10	1n54	13n 5	0s59	3n13	1s 2	23n 9	0s11	21n37	1s15	23n11	0n23	9s34	1n46	4n19	14s32	15s28	15s29	21n51	5n24	2n50

Julian Day Number = 2495464.5, Delta T = 103.40 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'14, Lahiri = 25°32'14

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ASTRODIENST EPHEMERIS for the year 2120
geocentric

MAY 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 36 41	10♉53'46	17♊59	28♉ 3	8♉45	11♈17	25♊ 4	17♊50	12♋57	29°R17	22♉34	17°R41	17♒46	29♋32	7♈ 7	W 1
T 2	14 40 38	11°52'04	0♋14	29°44	9°59	12° 3	25°16	17°57	12°59	29♎16	22°35	17♒33	17°42	29°39	7°10	T 2
F 3	14 44 34	12°50'21	12°16	1♊21	11°13	12°49	25°28	18° 4	13° 1	29°14	22°37	17°27	17°39	29°46	7°13	F 3
S 4	14 48 31	13°48'35	24° 9	2°55	12°27	13°35	25°40	18°11	13° 3	29°13	22°38	17°24	17°36	29°52	7°16	S 4
S 5	14 52 28	14°46'48	5♌58	4°24	13°41	14°22	25°52	18°17	13° 6	29°11	22°39	17°23	17°33	29°59	7°19	S 5
M 6	14 56 24	15°44'58	17°47	5°49	14°55	15° 8	26° 4	18°24	13° 8	29°10	22°41	17°23	17°30	0♌ 6	7°22	M 6
T 7	15 0 21	16°43'07	29°43	7°11	16° 9	15°54	26°16	18°31	13°10	29° 8	22°42	17°23	17°26	0°12	7°25	T 7
W 8	15 4 17	17°41'13	11♍50	8°28	17°23	16°40	26°28	18°39	13°13	29° 6	22°43	17°22	17°23	0°19	7°28	W 8
T 9	15 8 14	18°39'18	24°14	9°40	18°37	17°26	26°40	18°46	13°15	29° 5	22°45	17°18	17°20	0°26	7°31	T 9
F 10	15 12 10	19°37'20	6♎58	10°49	19°51	18°11	26°52	18°53	13°17	29° 3	22°46	17°12	17°17	0°32	7°34	F 10
S 11	15 16 7	20°35'21	20° 6	11°52	21° 5	18°57	27° 5	19° 0	13°20	29° 2	22°48	17° 3	17°14	0°39	7°37	S 11
S 12	15 20 3	21°33'20	3♏37	12°52	22°19	19°43	27°17	19° 7	13°22	29° 0	22°49	16°53	17°11	0°46	7°40	S 12
M13	15 24 0	22°31'18	17°31	13°47	23°33	20°29	27°29	19°14	13°25	28°59	22°50	16°41	17° 7	0°52	7°42	M13
T 14	15 27 57	23°29'14	1♐43	14°37	24°47	21°15	27°42	19°22	13°28	28°57	22°52	16°29	17° 4	0°59	7°45	T 14
W15	15 31 53	24°27'08	16° 7	15°22	26° 1	22° 0	27°54	19°29	13°30	28°56	22°53	16°19	17° 1	1° 5	7°48	W15
T 16	15 35 50	25°25'01	0♑38	16° 3	27°15	22°46	28° 7	19°36	13°33	28°55	22°54	16°11	16°58	1°12	7°51	T 16
F 17	15 39 46	26°22'53	15° 8	16°39	28°29	23°31	28°19	19°44	13°36	28°53	22°56	16° 6	16°55	1°19	7°53	F 17
S 18	15 43 43	27°20'44	29°34	17°10	29°42	24°17	28°32	19°51	13°38	28°52	22°57	16° 3	16°52	1°25	7°56	S 18
S 19	15 47 39	28°18'33	13♒51	17°37	0♊56	25° 3	28°45	19°59	13°41	28°50	22°58	16°D 2	16°48	1°32	7°58	S 19
M20	15 51 36	29°16'22	27°57	17°58	2°10	25°48	28°58	20° 6	13°44	28°49	23° 0	16°R 2	16°45	1°39	8° 1	M20
T 21	15 55 32	0♊14'09	11♓52	18°14	3°24	26°33	29°10	20°13	13°47	28°48	23° 1	16° 2	16°42	1°45	8° 3	T 21
W22	15 59 29	1°11'55	25°37	18°26	4°38	27°19	29°23	20°21	13°50	28°46	23° 2	16° 0	16°39	1°52	8° 6	W22
T 23	16 3 26	2° 9'39	9♈10	18°33	5°52	28° 4	29°36	20°29	13°53	28°45	23° 4	15°56	16°36	1°59	8° 8	T 23
F 24	16 7 22	3° 7'23	22°32	18°R35	7° 5	28°49	29°49	20°36	13°55	28°44	23° 5	15°48	16°32	2° 5	8°11	F 24
S 25	16 11 19	4° 5'06	5♉42	18°32	8°19	29°35	0♋ 2	20°44	13°58	28°42	23° 6	15°39	16°29	2°12	8°13	S 25
S 26	16 15 15	5° 2'48	18°41	18°25	9°33	0♉20	0°15	20°51	14° 1	28°41	23° 8	15°27	16°26	2°19	8°15	S 26
M27	16 19 12	6° 0'28	1♊27	18°13	10°47	1° 5	0°28	20°59	14° 4	28°40	23° 9	15°15	16°23	2°25	8°18	M27
T 28	16 23 8	6°58'07	13°59	17°58	12° 1	1°50	0°41	21° 7	14° 7	28°39	23°10	15° 4	16°20	2°32	8°20	T 28
W29	16 27 5	7°55'45	26°18	17°38	13°14	2°35	0°55	21°14	14°11	28°38	23°12	14°54	16°17	2°39	8°22	W29
T 30	16 31 1	8°53'22	8♋26	17°16	14°28	3°20	1° 8	21°22	14°14	28°36	23°13	14°46	16°13	2°45	8°24	T 30
F 31	16 34 58	9♊50'58	20♋23	16♊50	15♊42	4♉ 5	1♋21	21♊30	14♋17	28♎35	23♉14	14♒41	16♒10	2♌52	8♈26	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n 5	27n12	4n20	21n41	2n 1	13n30	0s57	3n31	1s 2	23n 9	0s11	21n38	1s15	23n11	0n23	9s34	1n46	4n19	14s32	15s31	15s30	21n49	5n26	2n50
T 2	15 23	27 8	3 42	22 10	2 8	13 56	0 55	3 49	1 1	23 10	0 10	21 39	1 14	23 11	0 23	9 33	1 46	4 20	14 32	15 34	15 31	21 47	5 27	2 50
F 3	15 41	25 45	2 54	22 37	2 14	14 20	0 53	4 8	1 1	23 11	0 10	21 39	1 14	23 11	0 23	9 33	1 46	4 20	14 32	15 36	15 32	21 44	5 28	2 50
S 4	15 58	23 14	2 0	23 1	2 19	14 45	0 52	4 26	1 1	23 11	0 10	21 40	1 14	23 10	0 23	9 32	1 46	4 20	14 32	15 37	15 33	21 42	5 29	2 50
S 5	16 16	19 45	1 0	23 22	2 24	15 9	0 50	4 44	1 0	23 12	0 10	21 41	1 14	23 10	0 23	9 31	1 46	4 21	14 32	15 37	15 34	21 40	5 31	2 50
M 6	16 33	15 28	0s 2	23 41	2 28	15 33	0 48	5 2	1 0	23 12	0 10	21 42	1 14	23 10	0 23	9 31	1 46	4 21	14 32	15 37	15 35	21 38	5 32	2 50
T 7	16 49	10 33	1 5	23 58	2 30	15 56	0 46	5 20	1 0	23 13	0 10	21 42	1 14	23 10	0 23	9 30	1 46	4 22	14 31	15 37	15 36	21 35	5 33	2 50
W 8	17 6	5 11	2 6	24 12	2 32	16 19	0 44	5 38	0 59	23 13	0 10	21 43	1 14	23 9	0 23	9 30	1 46	4 22	14 31	15 37	15 37	21 33	5 34	2 50
T 9	17 22	0s30	3 2	24 24	2 33	16 41	0 42	5 56	0 59	23 13	0 10	21 44	1 13	23 9	0 23	9 29	1 46	4 22	14 31	15 38	15 38	21 31	5 35	2 50
F 10	17 38	6 18	3 50	24 34	2 33	17 4	0 39	6 14	0 59	23 14	0 9	21 45	1 13	23 9	0 23	9 29	1 46	4 23	14 31	15 40	15 39	21 29	5 36	2 50
S 11	17 53	12 0	4 28	24 42	2 32	17 25	0 37	6 31	0 58	23 14	0 9	21 45	1 13	23 9	0 23	9 28	1 46	4 23	14 31	15 43	15 40	21 26	5 38	2 50
S 12	18 9	17 18	4 53	24 48	2 30	17 46	0 35	6 49	0 58	23 15	0 9	21 46	1 13	23 8	0 23	9 28	1 46	4 23	14 31	15 46	15 41	21 24	5 39	2 50
M13	18 23	21 51	5 1	24 52	2 27	18 7	0 33	7 7	0 57	23 15	0 9	21 47	1 13	23 8	0 23	9 27	1 46	4 24	14 31	15 50	15 42	21 22	5 40	2 50
T 14	18 38	25 14	4 50	24 54	2 22	18 27	0 31	7 24	0 57	23 15	0 9	21 47	1 13	23 8	0 23	9 27	1 46	4 24	14 31	15 53	15 43	21 19	5 41	2 50
W15	18 52	27 2	4 21	24 54	2 17	18 47	0 28	7 41	0 57	23 16	0 9	21 48	1 13	23 8	0 23	9 26	1 46	4 24	14 31	15 56	15 44	21 17	5 42	2 50
T 16	19 6	27 1	3 36	24 52	2 11	19 6	0 26	7 59	0 56	23 16	0 9	21 49	1 13	23 7	0 23	9 26	1 46	4 25	14 31	15 59	15 45	21 15	5 43	2 51
F 17	19 20	25 9	2 36	24 49	2 4	19 25	0 24	8 16	0 56	23 16	0 9	21 49	1 12	23 7	0 23	9 25	1 46	4 25	14 31	16 0	15 45	21 12	5 44	2 51
S 18	19 33	21 38	1 26	24 44	1 56	19 43	0 22	8 33	0 55	23 16	0 9	21 50	1 12	23 7	0 23	9 25	1 46	4 25	14 31	16 1	15 46	21 10	5 45	2 51
S 19	19 46	16 51	0 12	24 37	1 47	20 1	0 19	8 50	0 55	23 17	0 8	21 51	1 12	23 6	0 23	9 24	1 46	4 26	14 31	16 1	15 47	21 8	5 46	2 51
M20	19 59	11 12	1n 3	24 29	1 36	20 18	0 17	9 7	0 54	23 17	0 8	21 51	1 12	23 6	0 23	9 24	1 46	4 26	14 31	16 1	15 48	21 6	5 48	2 51
T 21	20 11	5 4	2 12	24 19	1 25	20 35	0 15	9 24	0 54	23 17	0 8	21 52	1 12	23 6	0 23	9 24	1 46	4 26	14 31	16 1	15 49	21 3	5 49	2 51
W22	20 23	1n13	3 13	24 8	1 13	20 51	0 12	9 41	0 54	23 17	0 8	21 53	1 12	23 6	0 23	9 23	1 46	4 27	14 31	16 2	15 50	21 1	5 50	2 51
T 23	20 35	7 21	4 3	23 55	1 0	21 7	0 10	9 57	0 53	23 17	0 8	21 53	1 12	23 5	0 23	9 23	1 46	4 27	14 31	16 3	15 51	20 59	5 51	2 51
F 24	20 46	13 3	4 38	23 42	0 46	21 21	0 8	10 14	0 53	23 18	0 8	21 54	1 12	23 5	0 23	9 22	1 46	4 27	14 31	16 5	15 52	20 56	5 52	2 51
S 25	20 57	18 5	4 57	23 27	0 31	21 36	0 5	10 30	0 52	23 18	0 8	21 55	1 12	23 5	0 23	9 22	1 46	4 28	14 31	16 8	15 53	20 54	5 53	2 51
S 26	21 8	22 12	5 1	23 11	0 15	21 49	0 3	10 46	0 52	23 18	0 8	21 55	1 11	23 4	0 23	9 21	1 46	4 28	14 31	16 12	15 54	20 52	5 54	2 51
M27	21 18	25 10	4 50	22 53	0s 1	22 3	0 0	11 3	0 51	23 18	0 8	21 56	1 11	23 4	0 23	9 21	1 46	4 28	14 31	16 15	15 55	20 49	5 55	2 51
T 28	21 28	26 51	4 25	22 35	0 17	22 15	0n 2	11 19	0 51	23 18	0 8	21 57	1 11	23 4	0 23	9 21	1 46	4 28	14 31	16 18	15 56	20 47	5 55	2 51
W29	21 37	27 10	3 48	22 17	0 35	22 27	0 4	11 35	0 50	23 18	0 7	21 57	1 11	23 3	0 23	9 20	1 45	4 29	14 31	16 21	15 57	20 45	5 56	2 51
T 30	21 46	26 9	3 0	21 57	0 52	22 38	0 7	11 50	0 50	23 18	0 7	21 58	1 11	23 3	0 23	9 20	1 45	4 29	14 31	16 24	15 58	20 42	5 57	2 51
F 31	21n55	23n57	2n 6	21n37	1s 9	22n49	0n 9	12n 6	0s49	23n18	0s 7	21n58	1s11	23n 3	0n23	9s19	1n45	4n29	14s31	16s25	15s59	20n40	5n58	2n51

Julian Day Number = 2495494.5, Delta T = 103.45 sec
Ecliptic obliquity = 23°25'32, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'18, Lahiri = 25°32'18

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2120
geocentric

JUNE 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 55	10♊48'32	2♌14	16°R21	16♊56	4♉50	1♋34	21♊37	14♋20	28°R34	23♉16	14°R38	16♒ 7	2♌59	8♈28	S 1
S 2	16 42 51	11°46'05	14° 1	15♊51	18°10	5°35	1°47	21°45	14°23	28♎33	23°17	14°D37	16° 4	3° 5	8°30	S 2
M 3	16 46 48	12°43'37	25°49	15°19	19°23	6°19	2° 1	21°53	14°26	28°32	23°18	14♒37	16° 1	3°12	8°32	M 3
T 4	16 50 44	13°41'07	7♍44	14°45	20°37	7° 4	2°14	22° 1	14°29	28°31	23°20	14°38	15°58	3°18	8°34	T 4
W 5	16 54 41	14°38'36	19°51	14°12	21°51	7°49	2°27	22° 8	14°33	28°30	23°21	14°R38	15°54	3°25	8°36	W 5
T 6	16 58 37	15°36'03	2♎14	13°38	23° 4	8°33	2°41	22°16	14°36	28°29	23°22	14°37	15°51	3°32	8°38	T 6
F 7	17 2 34	16°33'30	14°59	13° 6	24°18	9°18	2°54	22°24	14°39	28°28	23°23	14°33	15°48	3°38	8°40	F 7
S 8	17 6 30	17°30'55	28°10	12°34	25°32	10° 2	3° 8	22°32	14°43	28°27	23°25	14°28	15°45	3°45	8°41	S 8
S 9	17 10 27	18°28'19	11♏47	12° 5	26°45	10°47	3°21	22°39	14°46	28°26	23°26	14°20	15°42	3°52	8°43	S 9
M10	17 14 24	19°25'43	25°51	11°37	27°59	11°31	3°35	22°47	14°49	28°25	23°27	14°12	15°38	3°58	8°45	M10
T 11	17 18 20	20°23'05	10♐17	11°13	29°13	12°15	3°48	22°55	14°53	28°24	23°28	14° 4	15°35	4° 5	8°46	T 11
W12	17 22 17	21°20'26	25° 1	10°51	0♋26	13° 0	4° 2	23° 3	14°56	28°23	23°30	13°56	15°32	4°12	8°48	W12
T 13	17 26 13	22°17'47	9♑54	10°33	1°40	13°44	4°15	23°11	14°59	28°23	23°31	13°50	15°29	4°18	8°49	T 13
F 14	17 30 10	23°15'07	24°48	10°19	2°54	14°28	4°29	23°18	15° 3	28°22	23°32	13°47	15°26	4°25	8°51	F 14
S 15	17 34 6	24°12'27	9♒35	10° 9	4° 7	15°12	4°42	23°26	15° 6	28°21	23°33	13°D45	15°23	4°32	8°52	S 15
S 16	17 38 3	25° 9'46	24° 9	10° 3	5°21	15°56	4°56	23°34	15°10	28°20	23°34	13°46	15°19	4°38	8°54	S 16
M17	17 42 0	26° 7'04	8♓27	10°D 2	6°35	16°40	5°10	23°42	15°13	28°20	23°36	13°47	15°16	4°45	8°55	M17
T 18	17 45 56	27° 4'23	22°27	10° 5	7°48	17°24	5°23	23°50	15°17	28°19	23°37	13°R48	15°13	4°52	8°56	T 18
W19	17 49 53	28° 1'40	6♈ 8	10°12	9° 2	18° 8	5°37	23°57	15°20	28°18	23°38	13°47	15°10	4°58	8°58	W19
T 20	17 53 49	28°58'58	19°32	10°25	10°15	18°52	5°50	24° 5	15°24	28°18	23°39	13°46	15° 7	5° 5	8°59	T 20
F 21	17 57 46	29°56'15	2♉39	10°42	11°29	19°35	6° 4	24°13	15°27	28°17	23°40	13°42	15° 4	5°11	9° 0	F 21
S 22	18 1 42	0♋53'33	15°32	11° 3	12°43	20°19	6°18	24°21	15°31	28°16	23°41	13°36	15° 0	5°18	9° 1	S 22
S 23	18 5 39	1°50'50	28°12	11°29	13°56	21° 3	6°31	24°29	15°34	28°16	23°42	13°29	14°57	5°25	9° 2	S 23
M24	18 9 35	2°48'06	10♊39	12° 0	15°10	21°46	6°45	24°36	15°38	28°15	23°43	13°22	14°54	5°31	9° 3	M24
T 25	18 13 32	3°45'23	22°56	12°35	16°23	22°30	6°59	24°44	15°41	28°15	23°45	13°15	14°51	5°38	9° 4	T 25
W26	18 17 29	4°42'39	5♋ 2	13°15	17°37	23°13	7°12	24°52	15°45	28°14	23°46	13° 9	14°48	5°45	9° 5	W26
T 27	18 21 25	5°39'55	17° 1	13°59	18°51	23°56	7°26	25° 0	15°49	28°14	23°47	13° 5	14°44	5°51	9° 5	T 27
F 28	18 25 22	6°37'10	28°52	14°47	20° 4	24°40	7°40	25° 7	15°52	28°14	23°48	13° 2	14°41	5°58	9° 6	F 28
S 29	18 29 18	7°34'25	10♌40	15°39	21°18	25°23	7°53	25°15	15°56	28°13	23°49	13°D 1	14°38	6° 5	9° 7	S 29
S 30	18 33 15	8♋31'39	22♌26	16♊36	22♋31	26♉ 6	8♋ 7	25♊23	15♋59	28♎13	23♉50	13♒ 1	14♒35	6♌11	9♈ 8	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 3	20n43	1n 6	21n17	1s27	22n59	0n12	12n22	0s49	23n18	0s 7	21n59	1s11	23n 2	0n23	9s19	1n45	4n29	14s31	16s26	16s 0	20n37	5n59	2n51
S 2	22 11	16 40	0 3	20 57	1 44	23 8	0 14	12 37	0 48	23 18	0 7	22 0	1 11	23 2	0 23	9 19	1 45	4 30	14 32	16 26	16 1	20 35	6 0	2 52
M 3	22 19	11 58	1s 0	20 36	2 1	23 16	0 16	12 52	0 48	23 18	0 7	22 0	1 11	23 2	0 23	9 18	1 45	4 30	14 32	16 26	16 2	20 33	6 1	2 52
T 4	22 26	6 48	2 1	20 16	2 18	23 24	0 19	13 7	0 47	23 18	0 7	22 1	1 11	23 1	0 23	9 18	1 45	4 30	14 32	16 26	16 3	20 30	6 2	2 52
W 5	22 33	1 18	2 57	19 57	2 34	23 32	0 21	13 22	0 47	23 17	0 7	22 1	1 10	23 1	0 23	9 18	1 45	4 30	14 32	16 26	16 4	20 28	6 2	2 52
T 6	22 39	4s21	3 47	19 38	2 49	23 38	0 23	13 37	0 46	23 17	0 7	22 2	1 10	23 1	0 23	9 17	1 45	4 30	14 32	16 26	16 5	20 25	6 3	2 52
F 7	22 45	10 0	4 27	19 20	3 3	23 44	0 26	13 52	0 45	23 17	0 6	22 2	1 10	23 0	0 23	9 17	1 45	4 31	14 32	16 27	16 5	20 23	6 4	2 52
S 8	22 50	15 23	4 54	19 3	3 16	23 49	0 28	14 6	0 45	23 17	0 6	22 3	1 10	23 0	0 23	9 17	1 45	4 31	14 32	16 29	16 6	20 21	6 5	2 52
S 9	22 56	20 12	5 6	18 47	3 29	23 54	0 30	14 21	0 44	23 17	0 6	22 3	1 10	23 0	0 23	9 16	1 45	4 31	14 32	16 31	16 7	20 18	6 5	2 52
M10	23 0	24 3	5 0	18 32	3 39	23 57	0 33	14 35	0 44	23 16	0 6	22 4	1 10	22 59	0 23	9 16	1 45	4 31	14 32	16 34	16 8	20 16	6 6	2 52
T 11	23 5	26 31	4 35	18 20	3 49	24 0	0 35	14 49	0 43	23 16	0 6	22 4	1 10	22 59	0 23	9 16	1 45	4 31	14 32	16 36	16 9	20 13	6 7	2 52
W12	23 9	27 11	3 51	18 8	3 57	24 3	0 37	15 3	0 43	23 16	0 6	22 5	1 10	22 58	0 23	9 16	1 45	4 32	14 32	16 38	16 10	20 11	6 8	2 52
T 13	23 12	25 55	2 52	17 59	4 4	24 4	0 39	15 17	0 42	23 16	0 6	22 5	1 10	22 58	0 23	9 15	1 45	4 32	14 33	16 40	16 11	20 9	6 8	2 52
F 14	23 15	22 48	1 40	17 51	4 10	24 5	0 42	15 31	0 41	23 15	0 6	22 6	1 10	22 58	0 23	9 15	1 45	4 32	14 33	16 41	16 12	20 6	6 9	2 52
S 15	23 18	18 12	0 23	17 46	4 14	24 5	0 44	15 44	0 41	23 15	0 6	22 6	1 10	22 57	0 23	9 15	1 45	4 32	14 33	16 41	16 13	20 4	6 10	2 53
S 16	23 20	12 35	0n56	17 42	4 18	24 5	0 46	15 57	0 40	23 14	0 6	22 7	1 10	22 57	0 23	9 15	1 45	4 32	14 33	16 41	16 14	20 1	6 10	2 53
M17	23 22	6 24	2 9	17 40	4 19	24 4	0 48	16 11	0 40	23 14	0 5	22 7	1 9	22 56	0 23	9 15	1 45	4 32	14 33	16 41	16 15	19 59	6 11	2 53
T 18	23 24	0 2	3 14	17 40	4 20	24 2	0 50	16 24	0 39	23 14	0 5	22 8	1 9	22 56	0 23	9 14	1 45	4 33	14 33	16 41	16 16	19 56	6 11	2 53
W19	23 25	6n11	4 5	17 41	4 19	23 59	0 52	16 36	0 38	23 13	0 5	22 8	1 9	22 56	0 23	9 14	1 45	4 33	14 33	16 41	16 17	19 54	6 12	2 53
T 20	23 25	11 59	4 42	17 45	4 18	23 56	0 54	16 49	0 38	23 13	0 5	22 8	1 9	22 55	0 23	9 14	1 45	4 33	14 33	16 41	16 18	19 51	6 12	2 53
F 21	23 26	17 8	5 3	17 50	4 15	23 52	0 56	17 1	0 37	23 12	0 5	22 9	1 9	22 55	0 23	9 14	1 44	4 33	14 34	16 42	16 19	19 49	6 13	2 53
S 22	23 25	21 24	5 9	17 57	4 11	23 47	0 58	17 14	0 36	23 12	0 5	22 9	1 9	22 54	0 23	9 14	1 44	4 33	14 34	16 44	16 19	19 47	6 13	2 53
S 23	23 25	24 36	4 59	18 5	4 6	23 41	1 0	17 26	0 36	23 11	0 5	22 10	1 9	22 54	0 23	9 14	1 44	4 33	14 34	16 46	16 20	19 44	6 14	2 53
M24	23 24	26 34	4 35	18 15	4 0	23 35	1 2	17 38	0 35	23 10	0 5	22 10	1 9	22 54	0 23	9 13	1 44	4 33	14 34	16 48	16 21	19 42	6 14	2 53
T 25	23 22	27 13	3 59	18 26	3 54	23 28	1 4	17 50	0 35	23 10	0 5	22 10	1 9	22 53	0 23	9 13	1 44	4 33	14 34	16 50	16 22	19 39	6 15	2 53
W26	23 20	26 32	3 12	18 38	3 47	23 21	1 5	18 1	0 34	23 9	0 5	22 11	1 9	22 53	0 23	9 13	1 44	4 33	14 34	16 52	16 23	19 37	6 15	2 54
T 27	23 18	24 36	2 17	18 51	3 39	23 13	1 7	18 13	0 33	23 9	0 5	22 11	1 9	22 52	0 23	9 13	1 44	4 33	14 35	16 53	16 24	19 34	6 16	2 54
F 28	23 16	21 37	1 16	19 5	3 30	23 4	1 9	18 24	0 33	23 8	0 4	22 11	1 9	22 52	0 23	9 13	1 44	4 34	14 35	16 54	16 25	19 32	6 16	2 54
S 29	23 13	17 45	0 13	19 20	3 21	22 54	1 10	18 35	0 32	23 7	0 4	22 12	1 9	22 52	0 23	9 13	1 44	4 34	14 35	16 54	16 26	19 29	6 16	2 54
S 30	23n 9	13n13	0s51	19n35	3s11	22n44	1n12	18n46	0s31	23n 6	0s 4	22n12	1s 9	22n51	0n23	9s13	1n44	4n34	14s35	16s54	16s27	19n27	6n17	2n54

Julian Day Number = 2495525.5, Delta T = 103.49 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'22, Lahiri = 25°32'22

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ASTRODIENST EPHEMERIS for the year 2120
geocentric

JULY 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 37 11	9♋28'53	4♍15	17♊36	23♋45	26♉49	8♋21	25♊30	16♋ 3	28°R13	23♉51	13♒ 3	14♒32	6♌18	9♈ 8	M 1
T 2	18 41 8	10°26'07	16°10	18°41	24°58	27°32	8°34	25°38	16° 7	28♎12	23°52	13° 4	14°29	6°25	9° 9	T 2
W 3	18 45 4	11°23'20	28°17	19°50	26°12	28°15	8°48	25°46	16°10	28°12	23°53	13° 6	14°25	6°31	9° 9	W 3
T 4	18 49 1	12°20'33	10♎39	21° 3	27°25	28°58	9° 2	25°53	16°14	28°12	23°54	13°R 6	14°22	6°38	9°10	T 4
F 5	18 52 58	13°17'46	23°22	22°19	28°39	29°41	9°15	26° 1	16°18	28°12	23°55	13° 6	14°19	6°45	9°10	F 5
S 6	18 56 54	14°14'58	6♏29	23°40	29°52	0♊23	9°29	26° 8	16°21	28°12	23°56	13° 4	14°16	6°51	9°10	S 6
S 7	19 0 51	15°12'10	20° 3	25° 4	1♌ 6	1° 6	9°43	26°16	16°25	28°12	23°57	13° 2	14°13	6°58	9°11	S 7
M 8	19 4 47	16° 9'22	4♐ 5	26°32	2°19	1°49	9°56	26°23	16°28	28°12	23°57	12°58	14°10	7° 4	9°11	M 8
T 9	19 8 44	17° 6'33	18°34	28° 4	3°33	2°31	10°10	26°31	16°32	28°D12	23°58	12°54	14° 6	7°11	9°11	T 9
W10	19 12 40	18° 3'45	3♑24	29°39	4°46	3°14	10°23	26°38	16°36	28°12	23°59	12°51	14° 3	7°18	9°11	W10
T 11	19 16 37	19° 0'57	18°28	1♋18	6° 0	3°56	10°37	26°46	16°39	28°12	24° 0	12°49	14° 0	7°24	9°11	T 11
F 12	19 20 33	19°58'08	3♒37	3° 0	7°13	4°38	10°51	26°53	16°43	28°12	24° 1	12°48	13°57	7°31	9°R11	F 12
S 13	19 24 30	20°55'20	18°42	4°46	8°26	5°21	11° 4	27° 1	16°47	28°12	24° 2	12°D48	13°54	7°38	9°11	S 13
S 14	19 28 27	21°52'32	3♓34	6°35	9°40	6° 3	11°18	27° 8	16°50	28°12	24° 3	12°48	13°50	7°44	9°11	S 14
M15	19 32 23	22°49'45	18° 8	8°26	10°53	6°45	11°31	27°15	16°54	28°12	24° 3	12°50	13°47	7°51	9°11	M15
T 16	19 36 20	23°46'58	2♈20	10°21	12° 7	7°27	11°45	27°23	16°58	28°12	24° 4	12°51	13°44	7°58	9°11	T 16
W17	19 40 16	24°44'12	16° 7	12°18	13°20	8° 9	11°58	27°30	17° 1	28°12	24° 5	12°52	13°41	8° 4	9°11	W17
T 18	19 44 13	25°41'26	29°31	14°18	14°33	8°51	12°12	27°37	17° 5	28°13	24° 6	12°R52	13°38	8°11	9°10	T 18
F 19	19 48 9	26°38'41	12♉34	16°20	15°47	9°33	12°25	27°44	17° 8	28°13	24° 6	12°51	13°35	8°18	9°10	F 19
S 20	19 52 6	27°35'57	25°17	18°23	17° 0	10°14	12°39	27°51	17°12	28°13	24° 7	12°50	13°31	8°24	9°10	S 20
S 21	19 56 2	28°33'13	7♊45	20°28	18°13	10°56	12°52	27°59	17°16	28°14	24° 8	12°48	13°28	8°31	9° 9	S 21
M22	19 59 59	29°30'30	19°59	22°34	19°27	11°38	13° 5	28° 6	17°19	28°14	24° 8	12°46	13°25	8°38	9° 9	M22
T 23	20 3 56	0♌27'48	2♋ 4	24°41	20°40	12°19	13°19	28°13	17°23	28°14	24° 9	12°44	13°22	8°44	9° 8	T 23
W24	20 7 52	1°25'06	14° 0	26°48	21°53	13° 1	13°32	28°20	17°26	28°15	24°10	12°43	13°19	8°51	9° 8	W24
T 25	20 11 49	2°22'25	25°51	28°56	23° 7	13°42	13°45	28°27	17°30	28°15	24°10	12°42	13°16	8°57	9° 7	T 25
F 26	20 15 45	3°19'45	7♌38	1♌ 4	24°20	14°23	13°58	28°34	17°33	28°16	24°11	12°D41	13°12	9° 4	9° 6	F 26
S 27	20 19 42	4°17'05	19°25	3°11	25°33	15° 4	14°12	28°40	17°37	28°16	24°11	12°41	13° 9	9°11	9° 5	S 27
S 28	20 23 38	5°14'26	1♍14	5°18	26°47	15°46	14°25	28°47	17°40	28°17	24°12	12°42	13° 6	9°17	9° 5	S 28
M29	20 27 35	6°11'47	13° 6	7°24	28° 0	16°27	14°38	28°54	17°44	28°18	24°13	12°42	13° 3	9°24	9° 4	M29
T 30	20 31 32	7° 9'08	25° 6	9°29	29°13	17° 8	14°51	29° 1	17°47	28°18	24°13	12°43	13° 0	9°31	9° 3	T 30
W31	20 35 28	8♌ 6'31	7♎16	11♌33	0♍26	17♊48	15♋ 4	29♊ 7	17♋51	28♎19	24♉14	12♒44	12♒56	9♌37	9♈ 2	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 5	8n11	1s54	19n51	3s 0	22n33	1n14	18n56	0s30	23n 6	0s 4	22n12	1s 9	22n51	0n23	9s13	1n44	4n34	14s35	16s53	16s28	19n24	6n17	2n54
T 2	23 1	2 49	2 52	20 8	2 49	22 21	1 15	19 7	0 30	23 5	0 4	22 13	1 9	22 50	0 23	9 13	1 44	4 34	14 35	16 53	16 29	19 22	6 17	2 54
W 3	22 56	2s44	3 43	20 25	2 38	22 9	1 16	19 17	0 29	23 4	0 4	22 13	1 9	22 50	0 23	9 13	1 44	4 34	14 36	16 53	16 30	19 19	6 18	2 54
T 4	22 51	8 17	4 25	20 41	2 26	21 56	1 18	19 27	0 28	23 3	0 4	22 13	1 8	22 49	0 23	9 13	1 44	4 34	14 36	16 52	16 31	19 17	6 18	2 54
F 5	22 46	13 39	4 56	20 58	2 14	21 43	1 19	19 37	0 28	23 2	0 4	22 14	1 8	22 49	0 23	9 13	1 44	4 34	14 36	16 52	16 32	19 14	6 18	2 54
S 6	22 40	18 34	5 12	21 15	2 2	21 29	1 20	19 47	0 27	23 2	0 4	22 14	1 8	22 49	0 23	9 13	1 44	4 34	14 36	16 53	16 32	19 12	6 18	2 54
S 7	22 34	22 44	5 12	21 31	1 49	21 14	1 22	19 56	0 26	23 1	0 4	22 14	1 8	22 48	0 23	9 13	1 44	4 34	14 36	16 54	16 33	19 9	6 19	2 55
M 8	22 27	25 45	4 53	21 46	1 37	20 59	1 23	20 6	0 26	23 0	0 3	22 14	1 8	22 48	0 23	9 13	1 44	4 34	14 37	16 55	16 34	19 7	6 19	2 55
T 9	22 20	27 11	4 16	22 1	1 24	20 43	1 24	20 15	0 25	22 59	0 3	22 14	1 8	22 47	0 23	9 13	1 44	4 34	14 37	16 56	16 35	19 4	6 19	2 55
W10	22 12	26 43	3 20	22 14	1 11	20 26	1 25	20 24	0 24	22 58	0 3	22 15	1 8	22 47	0 23	9 13	1 44	4 34	14 37	16 57	16 36	19 1	6 19	2 55
T 11	22 5	24 18	2 10	22 27	0 58	20 9	1 26	20 32	0 23	22 57	0 3	22 15	1 8	22 46	0 23	9 13	1 43	4 34	14 37	16 57	16 37	18 59	6 19	2 55
F 12	21 56	20 9	0 50	22 38	0 46	19 51	1 27	20 41	0 23	22 56	0 3	22 15	1 8	22 46	0 23	9 13	1 43	4 34	14 38	16 58	16 38	18 56	6 19	2 55
S 13	21 48	14 42	0n33	22 47	0 33	19 33	1 28	20 49	0 22	22 55	0 3	22 15	1 8	22 46	0 23	9 13	1 43	4 34	14 38	16 58	16 39	18 54	6 19	2 55
S 14	21 39	8 27	1 52	22 55	0 21	19 15	1 29	20 57	0 21	22 54	0 3	22 16	1 8	22 45	0 23	9 13	1 43	4 34	14 38	16 57	16 40	18 51	6 19	2 55
M15	21 30	1 53	3 3	23 1	0 8	18 55	1 29	21 5	0 20	22 53	0 3	22 16	1 8	22 45	0 23	9 13	1 43	4 34	14 38	16 57	16 41	18 49	6 19	2 55
T 16	21 20	4n36	4 1	23 5	0n 3	18 35	1 30	21 13	0 20	22 52	0 3	22 16	1 8	22 44	0 23	9 13	1 43	4 34	14 38	16 57	16 42	18 46	6 19	2 55
W17	21 10	10 41	4 43	23 6	0 15	18 15	1 30	21 21	0 19	22 51	0 3	22 16	1 8	22 44	0 23	9 13	1 43	4 34	14 39	16 57	16 43	18 44	6 19	2 55
T 18	21 0	16 5	5 8	23 5	0 26	17 54	1 31	21 28	0 18	22 49	0 3	22 16	1 8	22 43	0 23	9 14	1 43	4 34	14 39	16 57	16 43	18 41	6 19	2 56
F 19	20 49	20 37	5 16	23 2	0 36	17 33	1 31	21 35	0 17	22 48	0 2	22 16	1 8	22 43	0 23	9 14	1 43	4 34	14 39	16 57	16 44	18 38	6 19	2 56
S 20	20 38	24 4	5 9	22 55	0 46	17 11	1 32	21 42	0 16	22 47	0 2	22 17	1 8	22 42	0 23	9 14	1 43	4 33	14 39	16 57	16 45	18 36	6 19	2 56
S 21	20 26	26 18	4 47	22 47	0 55	16 49	1 32	21 49	0 16	22 46	0 2	22 17	1 8	22 42	0 23	9 14	1 43	4 33	14 40	16 58	16 46	18 33	6 19	2 56
M22	20 15	27 14	4 12	22 35	1 4	16 27	1 32	21 55	0 15	22 45	0 2	22 17	1 8	22 42	0 23	9 14	1 43	4 33	14 40	16 58	16 47	18 31	6 19	2 56
T 23	20 2	26 51	3 27	22 21	1 11	16 3	1 33	22 1	0 14	22 44	0 2	22 17	1 8	22 41	0 23	9 15	1 43	4 33	14 40	16 59	16 48	18 28	6 19	2 56
W24	19 50	25 13	2 33	22 4	1 18	15 40	1 33	22 8	0 13	22 42	0 2	22 17	1 8	22 41	0 23	9 15	1 43	4 33	14 40	16 59	16 49	18 25	6 19	2 56
T 25	19 37	22 28	1 32	21 44	1 25	15 16	1 33	22 13	0 13	22 41	0 2	22 17	1 8	22 40	0 23	9 15	1 43	4 33	14 41	16 59	16 50	18 23	6 19	2 56
F 26	19 24	18 48	0 28	21 23	1 30	14 52	1 33	22 19	0 12	22 40	0 2	22 17	1 8	22 40	0 23	9 15	1 43	4 33	14 41	16 59	16 51	18 20	6 18	2 56
S 27	19 11	14 24	0s37	20 58	1 35	14 27	1 33	22 25	0 11	22 39	0 2	22 17	1 8	22 39	0 23	9 15	1 43	4 33	14 41	16 59	16 52	18 18	6 18	2 56
S 28	18 57	9 27	1 41	20 32	1 39	14 2	1 33	22 30	0 10	22 37	0 2	22 17	1 8	22 39	0 24	9 16	1 43	4 33	14 41	16 59	16 52	18 15	6 18	2 56
M29	18 43	4 9	2 41	20 3	1 42	13 36	1 32	22 35	0 9	22 36	0 1	22 17	1 8	22 38	0 24	9 16	1 42	4 32	14 42	16 59	16 53	18 12	6 18	2 57
T 30	18 28	1s20	3 34	19 32	1 44	13 10	1 32	22 40	0 8	22 35	0 1	22 17	1 8	22 38	0 24	9 16	1 42	4 32	14 42	16 59	16 54	18 10	6 17	2 57
W31	18n14	6s51	4s19	19n 0	1n46	12n44	1n32	22n44	0s 8	22n33	0s 1	22n18	1s 8	22n37	0n24	9s16	1n42	4n32	14s42	16s59	16s55	18n 7	6n17	2n57

Julian Day Number = 2495555.5, Delta T = 103.54 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'26, Lahiri = 25°32'27

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ASTRODIENST EPHEMERIS for the year 2120
geocentric

AUGUST 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 25	9♌ 3'53	19♎40	13♌36	1♍40	18♊29	15♋17	29♊14	17♋54	28♎20	24♉14	12♒44	12♒53	9♌44	9°R 1	T 1
F 2	20 43 21	10° 1'17	2♏22	15°37	2°53	19°10	15°30	29°21	17°58	28°20	24°15	12°44	12°50	9°51	9♈ 0	F 2
S 3	20 47 18	10°58'41	15°25	17°37	4° 6	19°51	15°43	29°27	18° 1	28°21	24°15	12°R44	12°47	9°57	8°59	S 3
S 4	20 51 14	11°56'05	28°52	19°36	5°19	20°31	15°56	29°34	18° 5	28°22	24°15	12°44	12°44	10° 4	8°58	S 4
M 5	20 55 11	12°53'31	12♐45	21°33	6°32	21°12	16° 9	29°40	18° 8	28°23	24°16	12°D44	12°41	10°11	8°56	M 5
T 6	20 59 7	13°50'56	27° 4	23°29	7°45	21°52	16°22	29°46	18°11	28°24	24°16	12°44	12°37	10°17	8°55	T 6
W 7	21 3 4	14°48'23	11♑46	25°23	8°58	22°32	16°35	29°53	18°15	28°25	24°17	12°44	12°34	10°24	8°54	W 7
T 8	21 7 1	15°45'50	26°46	27°16	10°12	23°13	16°47	29°59	18°18	28°25	24°17	12°44	12°31	10°30	8°52	T 8
F 9	21 10 57	16°43'18	11♒56	29° 7	11°25	23°53	17° 0	0♋ 5	18°21	28°26	24°17	12°R44	12°28	10°37	8°51	F 9
S 10	21 14 54	17°40'48	27° 8	0♍56	12°38	24°33	17°13	0°11	18°25	28°27	24°18	12°44	12°25	10°44	8°50	S 10
S 11	21 18 50	18°38'18	12♓11	2°44	13°51	25°13	17°25	0°17	18°28	28°28	24°18	12°44	12°22	10°50	8°48	S 11
M12	21 22 47	19°35'49	26°57	4°30	15° 4	25°53	17°38	0°23	18°31	28°29	24°18	12°43	12°18	10°57	8°47	M12
T 13	21 26 43	20°33'22	11♈21	6°15	16°17	26°33	17°50	0°29	18°34	28°30	24°18	12°43	12°15	11° 4	8°45	T 13
W14	21 30 40	21°30'56	25°19	7°58	17°30	27°12	18° 3	0°35	18°38	28°32	24°18	12°42	12°12	11°10	8°43	W14
T 15	21 34 36	22°28'31	8♉49	9°40	18°43	27°52	18°15	0°41	18°41	28°33	24°19	12°41	12° 9	11°17	8°42	T 15
F 16	21 38 33	23°26'08	21°54	11°20	19°56	28°31	18°27	0°47	18°44	28°34	24°19	12°D41	12° 6	11°24	8°40	F 16
S 17	21 42 30	24°23'47	4♊36	12°59	21° 8	29°11	18°40	0°53	18°47	28°35	24°19	12°41	12° 2	11°30	8°38	S 17
S 18	21 46 26	25°21'27	16°58	14°36	22°21	29°50	18°52	0°58	18°50	28°36	24°19	12°42	11°59	11°37	8°36	S 18
M19	21 50 23	26°19'08	29° 6	16°12	23°34	0♋30	19° 4	1° 4	18°53	28°37	24°19	12°43	11°56	11°44	8°35	M19
T 20	21 54 19	27°16'51	11♋ 3	17°46	24°47	1° 9	19°16	1° 9	18°56	28°39	24°19	12°44	11°53	11°50	8°33	T 20
W21	21 58 16	28°14'36	22°54	19°19	26° 0	1°48	19°28	1°15	18°59	28°40	24°19	12°45	11°50	11°57	8°31	W21
T 22	22 2 12	29°12'22	4♌41	20°50	27°13	2°27	19°40	1°20	19° 2	28°41	24°20	12°46	11°47	12° 4	8°29	T 22
F 23	22 6 9	0♍10'10	16°28	22°20	28°26	3° 6	19°52	1°25	19° 5	28°43	24°20	12°R46	11°43	12°10	8°27	F 23
S 24	22 10 5	1° 7'58	28°17	23°48	29°38	3°45	20° 4	1°31	19° 8	28°44	24°R20	12°45	11°40	12°17	8°25	S 24
S 25	22 14 2	2° 5'49	10♍11	25°15	0♎51	4°23	20°15	1°36	19°11	28°45	24°20	12°44	11°37	12°23	8°23	S 25
M26	22 17 59	3° 3'40	22°12	26°40	2° 4	5° 2	20°27	1°41	19°14	28°47	24°19	12°41	11°34	12°30	8°21	M26
T 27	22 21 55	4° 1'33	4♎21	28° 4	3°17	5°41	20°39	1°46	19°17	28°48	24°19	12°38	11°31	12°37	8°19	T 27
W28	22 25 52	4°59'28	16°41	29°26	4°29	6°19	20°50	1°51	19°20	28°50	24°19	12°34	11°27	12°43	8°16	W28
T 29	22 29 48	5°57'24	29°14	0♎47	5°42	6°57	21° 1	1°56	19°22	28°51	24°19	12°31	11°24	12°50	8°14	T 29
F 30	22 33 45	6°55'21	12♏ 1	2° 6	6°55	7°36	21°13	2° 0	19°25	28°53	24°19	12°28	11°21	12°57	8°12	F 30
S 31	22 37 41	7♍53'19	25♏ 5	3♎23	8♎ 7	8♋14	21♋24	2♋ 5	19♋28	28♎54	24♉19	12♒27	11♒18	13♌ 3	8♈10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n59	12s12	4s53	18n26	1n46	12n18	1n31	22n49	0s 7	22n32	0s 1	22n18	1s 8	22n37	0n24	9s17	1n42	4n32	14s42	16s59	16s56	18n 5	6n17	2n57
F 2	17 43	17 10	5 13	17 50	1 47	11 51	1 31	22 53	0 6	22 30	0 1	22 18	1 8	22 37	0 24	9 17	1 42	4 32	14 43	16 59	16 57	18 2	6 16	2 57
S 3	17 28	21 30	5 17	17 13	1 46	11 24	1 30	22 57	0 5	22 29	0 1	22 18	1 8	22 36	0 24	9 17	1 42	4 32	14 43	16 59	16 58	17 59	6 16	2 57
S 4	17 12	24 51	5 5	16 35	1 45	10 56	1 29	23 1	0 4	22 28	0 1	22 18	1 8	22 36	0 24	9 18	1 42	4 32	14 43	16 59	16 59	17 57	6 16	2 57
M 5	16 56	26 52	4 35	15 56	1 43	10 29	1 29	23 5	0 3	22 26	0 1	22 18	1 8	22 35	0 24	9 18	1 42	4 31	14 44	16 59	17 0	17 54	6 15	2 57
T 6	16 40	27 11	3 48	15 16	1 41	10 1	1 28	23 8	0 3	22 25	0 1	22 18	1 8	22 35	0 24	9 18	1 42	4 31	14 44	16 59	17 1	17 51	6 15	2 57
W 7	16 23	25 38	2 44	14 35	1 38	9 33	1 27	23 11	0 2	22 23	0 1	22 18	1 8	22 34	0 24	9 19	1 42	4 31	14 44	16 59	17 1	17 49	6 14	2 57
T 8	16 6	22 14	1 28	13 54	1 35	9 4	1 26	23 14	0 1	22 22	0 1	22 18	1 8	22 34	0 24	9 19	1 42	4 31	14 44	16 59	17 2	17 46	6 14	2 57
F 9	15 49	17 16	0 4	13 12	1 31	8 35	1 25	23 17	0 0	22 20	0 0	22 18	1 8	22 34	0 24	9 20	1 42	4 31	14 45	16 59	17 3	17 43	6 13	2 57
S 10	15 32	11 13	1n19	12 29	1 26	8 6	1 24	23 20	0n 1	22 19	0 0	22 18	1 8	22 33	0 24	9 20	1 42	4 30	14 45	16 59	17 4	17 41	6 13	2 57
S 11	15 14	4 35	2 36	11 46	1 22	7 37	1 23	23 22	0 2	22 17	0 0	22 18	1 8	22 33	0 24	9 20	1 42	4 30	14 45	16 59	17 5	17 38	6 12	2 57
M12	14 56	2n11	3 42	11 2	1 16	7 8	1 21	23 24	0 3	22 16	0 0	22 18	1 8	22 32	0 24	9 21	1 42	4 30	14 45	16 59	17 6	17 35	6 12	2 57
T 13	14 38	8 39	4 31	10 19	1 11	6 38	1 20	23 26	0 4	22 14	0 0	22 18	1 8	22 32	0 24	9 21	1 42	4 30	14 46	16 59	17 7	17 33	6 11	2 58
W14	14 19	14 29	5 3	9 35	1 5	6 9	1 19	23 28	0 4	22 13	0n 0	22 18	1 8	22 31	0 24	9 22	1 42	4 30	14 46	16 59	17 8	17 30	6 11	2 58
T 15	14 1	19 25	5 17	8 51	0 59	5 39	1 17	23 30	0 5	22 11	0 0	22 18	1 8	22 31	0 24	9 22	1 42	4 29	14 46	17 0	17 9	17 27	6 10	2 58
F 16	13 42	23 16	5 13	8 7	0 52	5 9	1 16	23 31	0 6	22 10	0 0	22 18	1 8	22 31	0 24	9 23	1 42	4 29	14 47	17 0	17 9	17 25	6 9	2 58
S 17	13 23	25 52	4 55	7 23	0 45	4 39	1 14	23 32	0 7	22 8	0 0	22 17	1 8	22 30	0 24	9 23	1 41	4 29	14 47	17 0	17 10	17 22	6 9	2 58
S 18	13 4	27 8	4 22	6 39	0 38	4 8	1 12	23 34	0 8	22 6	0 0	22 17	1 8	22 30	0 24	9 23	1 41	4 29	14 47	16 59	17 11	17 19	6 8	2 58
M19	12 44	27 4	3 39	5 55	0 31	3 38	1 11	23 34	0 9	22 5	0 1	22 17	1 8	22 29	0 24	9 24	1 41	4 28	14 47	16 59	17 12	17 17	6 7	2 58
T 20	12 25	25 44	2 47	5 12	0 23	3 7	1 9	23 35	0 10	22 3	0 1	22 17	1 8	22 29	0 24	9 24	1 41	4 28	14 48	16 59	17 13	17 14	6 7	2 58
W21	12 5	23 15	1 48	4 28	0 16	2 37	1 7	23 36	0 11	22 2	0 1	22 17	1 8	22 29	0 24	9 25	1 41	4 28	14 48	16 58	17 14	17 11	6 6	2 58
T 22	11 45	19 48	0 45	3 45	0 8	2 6	1 5	23 36	0 12	22 0	0 1	22 17	1 8	22 28	0 24	9 25	1 41	4 28	14 48	16 58	17 15	17 9	6 5	2 58
F 23	11 24	15 34	0s20	3 2	0s 1	1 35	1 3	23 36	0 13	21 58	0 1	22 17	1 8	22 28	0 24	9 26	1 41	4 27	14 49	16 58	17 16	17 6	6 4	2 58
S 24	11 4	10 44	1 25	2 19	0 9	1 5	1 1	23 36	0 14	21 57	0 1	22 17	1 8	22 27	0 24	9 26	1 41	4 27	14 49	16 58	17 17	17 3	6 4	2 58
S 25	10 43	5 30	2 26	1 37	0 17	0 34	0 59	23 36	0 14	21 55	0 1	22 17	1 8	22 27	0 24	9 27	1 41	4 27	14 49	16 59	17 17	17 0	6 3	2 58
M26	10 23	0 1	3 21	0 55	0 26	0 3	0 57	23 35	0 15	21 53	0 1	22 17	1 8	22 27	0 24	9 28	1 41	4 27	14 49	17 0	17 18	16 58	6 2	2 58
T 27	10 2	5s31	4 7	0 14	0 35	0s28	0 55	23 35	0 16	21 52	0 1	22 17	1 8	22 26	0 24	9 28	1 41	4 26	14 50	17 0	17 19	16 55	6 1	2 58
W28	9 41	10 55	4 43	0s27	0 44	0 59	0 52	23 34	0 17	21 50	0 2	22 17	1 8	22 26	0 24	9 29	1 41	4 26	14 50	17 1	17 20	16 52	6 0	2 58
T 29	9 19	15 58	5 6	1 7	0 53	1 30	0 50	23 33	0 18	21 49	0 2	22 17	1 8	22 25	0 24	9 29	1 41	4 26	14 50	17 2	17 21	16 50	6 0	2 58
F 30	8 58	20 25	5 14	1 47	1 2	2 1	0 47	23 32	0 19	21 47	0 2	22 16	1 8	22 25	0 24	9 30	1 41	4 25	14 50	17 3	17 22	16 47	5 59	2 58
S 31	8n36	23s59	5s 7	2s26	1s11	2s32	0n45	23n30	0n20	21n45	0n 2	22n16	1s 8	22n25	0n24	9s30	1n41	4n25	14s51	17s 4	17s23	16n44	5n58	2n58

Julian Day Number = 2495586.5, Delta T = 103.59 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'30, Lahiri = 25°32'31

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ASTRODIENST EPHEMERIS for the year 2120
geocentric

SEPTEMBER 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 38	8♍51'19	8♐28	4♎39	9♎20	8♋52	21♋35	2♋ 9	19♋30	28♎56	24°R19	12°D26	11♒15	13♌10	8°R 8	S 1
M 2	22 45 34	9°49'20	22°12	5°53	10°32	9°30	21°46	2°14	19°33	28°57	24♉19	12♒26	11°12	13°17	8♈ 5	M 2
T 3	22 49 31	10°47'23	6♑17	7° 5	11°45	10° 7	21°57	2°18	19°36	28°59	24°18	12°28	11° 8	13°23	8° 3	T 3
W 4	22 53 27	11°45'26	20°43	8°15	12°57	10°45	22° 8	2°23	19°38	29° 1	24°18	12°29	11° 5	13°30	8° 0	W 4
T 5	22 57 24	12°43'32	5♒26	9°22	14°10	11°23	22°19	2°27	19°41	29° 2	24°18	12°R30	11° 2	13°37	7°58	T 5
F 6	23 1 21	13°41'38	20°22	10°28	15°22	12° 0	22°30	2°31	19°43	29° 4	24°18	12°30	10°59	13°43	7°56	F 6
S 7	23 5 17	14°39'46	5♓25	11°32	16°35	12°38	22°41	2°35	19°46	29° 6	24°18	12°29	10°56	13°50	7°53	S 7
S 8	23 9 14	15°37'56	20°24	12°33	17°47	13°15	22°51	2°39	19°48	29° 7	24°17	12°26	10°53	13°56	7°51	S 8
M 9	23 13 10	16°36'07	5♈12	13°31	18°59	13°52	23° 2	2°43	19°50	29° 9	24°17	12°21	10°49	14° 3	7°48	M 9
T 10	23 17 7	17°34'20	19°41	14°27	20°12	14°29	23°12	2°47	19°53	29°11	24°17	12°16	10°46	14°10	7°46	T 10
W11	23 21 3	18°32'36	3♉45	15°20	21°24	15° 6	23°22	2°51	19°55	29°13	24°16	12°11	10°43	14°16	7°43	W11
T 12	23 25 0	19°30'53	17°22	16°10	22°36	15°43	23°33	2°54	19°57	29°15	24°16	12° 6	10°40	14°23	7°41	T 12
F 13	23 28 56	20°29'12	0♊31	16°57	23°49	16°20	23°43	2°58	20° 0	29°16	24°15	12° 2	10°37	14°30	7°38	F 13
S 14	23 32 53	21°27'34	13°16	17°40	25° 1	16°56	23°53	3° 1	20° 2	29°18	24°15	12° 1	10°33	14°36	7°35	S 14
S 15	23 36 50	22°25'57	25°39	18°19	26°13	17°33	24° 3	3° 5	20° 4	29°20	24°15	12°D 0	10°30	14°43	7°33	S 15
M16	23 40 46	23°24'23	7♋45	18°54	27°25	18° 9	24°12	3° 8	20° 6	29°22	24°14	12° 1	10°27	14°50	7°30	M16
T 17	23 44 43	24°22'51	19°40	19°25	28°37	18°46	24°22	3°11	20° 8	29°24	24°14	12° 3	10°24	14°56	7°27	T 17
W18	23 48 39	25°21'21	1♌29	19°52	29°49	19°22	24°32	3°14	20°10	29°26	24°13	12° 4	10°21	15° 3	7°25	W18
T 19	23 52 36	26°19'53	13°15	20°13	1♏ 1	19°58	24°41	3°17	20°12	29°28	24°13	12°R 5	10°18	15°10	7°22	T 19
F 20	23 56 32	27°18'27	25° 4	20°29	2°13	20°34	24°51	3°20	20°14	29°30	24°12	12° 4	10°14	15°16	7°19	F 20
S 21	0 0 29	28°17'03	6♍58	20°39	3°25	21° 9	25° 0	3°23	20°16	29°32	24°12	12° 1	10°11	15°23	7°17	S 21
S 22	0 4 25	29°15'41	19° 1	20°R43	4°37	21°45	25° 9	3°25	20°17	29°34	24°11	11°55	10° 8	15°29	7°14	S 22
M23	0 8 22	0♎14'21	1♎14	20°41	5°49	22°21	25°18	3°28	20°19	29°36	24°10	11°48	10° 5	15°36	7°11	M23
T 24	0 12 19	1°13'03	13°39	20°32	7° 1	22°56	25°27	3°30	20°21	29°38	24°10	11°40	10° 2	15°43	7° 9	T 24
W25	0 16 15	2°11'46	26°16	20°16	8°13	23°31	25°36	3°32	20°23	29°40	24° 9	11°30	9°59	15°49	7° 6	W25
T 26	0 20 12	3°10'32	9♏ 5	19°52	9°25	24° 6	25°44	3°35	20°24	29°42	24° 9	11°21	9°55	15°56	7° 3	T 26
F 27	0 24 8	4° 9'20	22° 6	19°22	10°36	24°41	25°53	3°37	20°26	29°44	24° 8	11°13	9°52	16° 3	7° 0	F 27
S 28	0 28 5	5° 8'09	5♐20	18°44	11°48	25°16	26° 1	3°39	20°27	29°46	24° 7	11° 8	9°49	16° 9	6°58	S 28
S 29	0 32 1	6° 7'00	18°48	17°59	13° 0	25°51	26° 9	3°41	20°29	29°48	24° 7	11° 4	9°46	16°16	6°55	S 29
M30	0 35 58	7♎ 5'53	2♑29	17♎ 7	14♏12	26♋25	26♋18	3♋43	20♋30	29♎50	24♉ 6	11°D 2	9♒43	16♌23	6♈52	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n15	26s21	4s43	3s 4	1s20	3s 3	0n42	23n29	0n21	21n44	0n 2	22n16	1s 8	22n24	0n24	9s31	1n41	4n25	14s51	17s 4	17s24	16n41	5n57	2n58
M 2	7 53	27 13	4 2	3 41	1 29	3 34	0 40	23 27	0 22	21 42	0 2	22 16	1 8	22 24	0 24	9 32	1 41	4 25	14 51	17 4	17 24	16 39	5 56	2 58
T 3	7 31	26 22	3 6	4 18	1 38	4 4	0 37	23 25	0 23	21 40	0 2	22 16	1 8	22 24	0 24	9 32	1 41	4 24	14 52	17 3	17 25	16 36	5 55	2 58
W 4	7 9	23 45	1 57	4 54	1 47	4 35	0 35	23 23	0 24	21 39	0 2	22 16	1 8	22 23	0 24	9 33	1 41	4 24	14 52	17 3	17 26	16 33	5 54	2 58
T 5	6 47	19 32	0 39	5 29	1 56	5 6	0 32	23 21	0 25	21 37	0 2	22 16	1 8	22 23	0 24	9 33	1 41	4 24	14 52	17 3	17 27	16 30	5 53	2 58
F 6	6 25	14 0	0n43	6 3	2 5	5 36	0 29	23 19	0 26	21 35	0 2	22 16	1 8	22 23	0 24	9 34	1 41	4 23	14 52	17 3	17 28	16 28	5 52	2 58
S 7	6 2	7 38	2 2	6 36	2 14	6 7	0 26	23 17	0 27	21 34	0 3	22 16	1 8	22 22	0 24	9 35	1 41	4 23	14 53	17 3	17 29	16 25	5 51	2 58
S 8	5 40	0 51	3 12	7 8	2 22	6 37	0 23	23 14	0 28	21 32	0 3	22 16	1 8	22 22	0 24	9 35	1 41	4 23	14 53	17 4	17 30	16 22	5 50	2 58
M 9	5 17	5n52	4 9	7 39	2 31	7 7	0 21	23 11	0 29	21 30	0 3	22 15	1 8	22 22	0 24	9 36	1 41	4 22	14 53	17 5	17 30	16 19	5 49	2 58
T 10	4 54	12 8	4 48	8 9	2 40	7 37	0 18	23 8	0 30	21 29	0 3	22 15	1 8	22 21	0 24	9 37	1 41	4 22	14 53	17 7	17 31	16 17	5 48	2 58
W11	4 32	17 35	5 8	8 37	2 48	8 7	0 15	23 5	0 31	21 27	0 3	22 15	1 9	22 21	0 24	9 37	1 40	4 22	14 54	17 8	17 32	16 14	5 47	2 58
T 12	4 9	21 58	5 10	9 4	2 56	8 37	0 12	23 2	0 32	21 26	0 3	22 15	1 9	22 21	0 24	9 38	1 40	4 21	14 54	17 9	17 33	16 11	5 46	2 58
F 13	3 46	25 4	4 56	9 29	3 4	9 6	0 9	22 59	0 33	21 24	0 3	22 15	1 9	22 20	0 24	9 39	1 40	4 21	14 54	17 10	17 34	16 8	5 45	2 58
S 14	3 23	26 47	4 27	9 52	3 11	9 36	0 5	22 55	0 34	21 22	0 3	22 15	1 9	22 20	0 25	9 39	1 40	4 21	14 54	17 11	17 35	16 6	5 44	2 58
S 15	3 0	27 7	3 46	10 14	3 18	10 5	0 2	22 52	0 35	21 21	0 3	22 15	1 9	22 20	0 25	9 40	1 40	4 20	14 55	17 11	17 36	16 3	5 43	2 58
M16	2 37	26 7	2 56	10 34	3 25	10 34	0s 1	22 48	0 36	21 19	0 4	22 15	1 9	22 20	0 25	9 41	1 40	4 20	14 55	17 11	17 37	16 0	5 42	2 58
T 17	2 14	23 57	1 59	10 51	3 31	11 2	0 4	22 44	0 37	21 17	0 4	22 15	1 9	22 19	0 25	9 41	1 40	4 20	14 55	17 10	17 37	15 57	5 41	2 58
W18	1 51	20 45	0 57	11 7	3 37	11 31	0 7	22 40	0 38	21 16	0 4	22 14	1 9	22 19	0 25	9 42	1 40	4 19	14 55	17 10	17 38	15 54	5 40	2 58
T 19	1 27	16 44	0s 6	11 19	3 42	11 59	0 11	22 36	0 40	21 14	0 4	22 14	1 9	22 19	0 25	9 43	1 40	4 19	14 56	17 10	17 39	15 52	5 39	2 58
F 20	1 4	12 4	1 10	11 29	3 46	12 27	0 14	22 31	0 41	21 13	0 4	22 14	1 9	22 19	0 25	9 43	1 40	4 19	14 56	17 10	17 40	15 49	5 38	2 58
S 21	0 41	6 55	2 11	11 37	3 50	12 55	0 17	22 27	0 42	21 11	0 4	22 14	1 9	22 18	0 25	9 44	1 40	4 18	14 56	17 11	17 41	15 46	5 37	2 58
S 22	0 18	1 29	3 6	11 41	3 53	13 22	0 20	22 22	0 43	21 10	0 4	22 14	1 9	22 18	0 25	9 45	1 40	4 18	14 56	17 12	17 42	15 43	5 36	2 58
M23	0s 6	4s 4	3 54	11 41	3 54	13 50	0 24	22 18	0 44	21 8	0 4	22 14	1 9	22 18	0 25	9 46	1 40	4 18	14 57	17 14	17 43	15 41	5 34	2 58
T 24	0 29	9 33	4 31	11 38	3 55	14 17	0 27	22 13	0 45	21 7	0 4	22 14	1 9	22 18	0 25	9 46	1 40	4 17	14 57	17 17	17 43	15 38	5 33	2 58
W25	0 52	14 43	4 56	11 31	3 54	14 43	0 30	22 8	0 46	21 5	0 5	22 14	1 9	22 17	0 25	9 47	1 40	4 17	14 57	17 19	17 44	15 35	5 32	2 58
T 26	1 16	19 20	5 6	11 20	3 52	15 9	0 34	22 3	0 47	21 4	0 5	22 14	1 9	22 17	0 25	9 48	1 40	4 16	14 57	17 22	17 45	15 32	5 31	2 58
F 27	1 39	23 7	5 1	11 5	3 48	15 35	0 37	21 58	0 48	21 2	0 5	22 13	1 9	22 17	0 25	9 49	1 40	4 16	14 57	17 24	17 46	15 29	5 30	2 58
S 28	2 2	25 46	4 40	10 46	3 42	16 1	0 41	21 53	0 49	21 1	0 5	22 13	1 9	22 17	0 25	9 49	1 40	4 16	14 58	17 26	17 47	15 26	5 29	2 58
S 29	2 26	26 59	4 3	10 22	3 35	16 26	0 44	21 48	0 51	20 59	0 5	22 13	1 9	22 17	0 25	9 50	1 40	4 15	14 58	17 27	17 48	15 24	5 28	2 57
M30	2s49	26s36	3s12	9s53	3s26	16s51	0s47	21n42	0n52	20n58	0n 5	22n13	1s 9	22n16	0n25	9s51	1n40	4n15	14s58	17s27	17s48	15n21	5n26	2n57

Julian Day Number = 2495617.5, Delta T = 103.63 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'35, Lahiri = 25°32'35

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ASTRODIENST EPHEMERIS for the year 2120
geocentric

OCTOBER 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 54	8♎ 4'48	16♉24	16°R10	15♏23	27♋ 0	26♋26	3♋44	20♋32	29♎52	24°R 5	11♒ 3	9♒39	16♌29	6°R49	T 1
W 2	0 43 51	9° 3'44	0♒34	15♎ 7	16°35	27°34	26°34	3°46	20°33	29°54	24♉ 4	11° 3	9°36	16°36	6♈47	W 2
T 3	0 47 48	10° 2'42	14°57	14° 1	17°46	28° 8	26°41	3°47	20°34	29°56	24° 4	11°R 4	9°33	16°43	6°44	T 3
F 4	0 51 44	11° 1'41	29°31	12°53	18°58	28°42	26°49	3°49	20°35	29°58	24° 3	11° 2	9°30	16°49	6°41	F 4
S 5	0 55 41	12° 0'43	14♓11	11°44	20° 9	29°16	26°56	3°50	20°37	0♏ 1	24° 2	10°59	9°27	16°56	6°38	S 5
S 6	0 59 37	12°59'46	28°52	10°37	21°20	29°50	27° 4	3°51	20°38	0° 3	24° 1	10°52	9°24	17° 3	6°36	S 6
M 7	1 3 34	13°58'51	13♈26	9°32	22°32	0♌23	27°11	3°52	20°39	0° 5	24° 0	10°44	9°20	17° 9	6°33	M 7
T 8	1 7 30	14°57'58	27°47	8°33	23°43	0°57	27°18	3°53	20°40	0° 7	24° 0	10°33	9°17	17°16	6°30	T 8
W 9	1 11 27	15°57'07	11♉47	7°40	24°54	1°30	27°25	3°54	20°41	0° 9	23°59	10°23	9°14	17°22	6°27	W 9
T 10	1 15 23	16°56'19	25°24	6°55	26° 5	2° 3	27°31	3°55	20°42	0°11	23°58	10°13	9°11	17°29	6°25	T 10
F 11	1 19 20	17°55'33	8♊35	6°19	27°16	2°36	27°38	3°55	20°43	0°14	23°57	10° 5	9° 8	17°36	6°22	F 11
S 12	1 23 17	18°54'49	21°21	5°54	28°28	3° 8	27°45	3°56	20°43	0°16	23°56	9°59	9° 4	17°42	6°19	S 12
S 13	1 27 13	19°54'07	3♋46	5°39	29°39	3°41	27°51	3°56	20°44	0°18	23°55	9°56	9° 1	17°49	6°17	S 13
M14	1 31 10	20°53'28	15°54	5°D35	0♐49	4°13	27°57	3°57	20°45	0°20	23°54	9°55	8°58	17°56	6°14	M14
T 15	1 35 6	21°52'51	27°49	5°42	2° 0	4°45	28° 3	3°57	20°46	0°22	23°53	9°D55	8°55	18° 2	6°12	T 15
W16	1 39 3	22°52'16	9♌38	6° 0	3°11	5°18	28° 9	3°R57	20°46	0°25	23°53	9°R55	8°52	18° 9	6° 9	W16
T 17	1 42 59	23°51'43	21°25	6°27	4°22	5°49	28°14	3°57	20°47	0°27	23°52	9°54	8°49	18°16	6° 6	T 17
F 18	1 46 56	24°51'13	3♍17	7° 4	5°33	6°21	28°20	3°57	20°47	0°29	23°51	9°52	8°45	18°22	6° 4	F 18
S 19	1 50 52	25°50'45	15°16	7°50	6°43	6°52	28°25	3°56	20°48	0°31	23°50	9°47	8°42	18°29	6° 1	S 19
S 20	1 54 49	26°50'19	27°28	8°44	7°54	7°24	28°30	3°56	20°48	0°34	23°49	9°39	8°39	18°36	5°59	S 20
M21	1 58 45	27°49'55	9♎53	9°45	9° 5	7°55	28°35	3°55	20°48	0°36	23°48	9°29	8°36	18°42	5°56	M21
T 22	2 2 42	28°49'33	22°35	10°52	10°15	8°26	28°40	3°55	20°49	0°38	23°47	9°17	8°33	18°49	5°54	T 22
W23	2 6 39	29°49'14	5♏32	12° 5	11°25	8°56	28°45	3°54	20°49	0°40	23°46	9° 4	8°30	18°55	5°51	W23
T 24	2 10 35	0♏48'56	18°43	13°22	12°36	9°27	28°49	3°53	20°49	0°43	23°45	8°51	8°26	19° 2	5°49	T 24
F 25	2 14 32	1°48'41	2♐ 7	14°44	13°46	9°57	28°54	3°52	20°49	0°45	23°44	8°39	8°23	19° 9	5°46	F 25
S 26	2 18 28	2°48'27	15°41	16° 9	14°56	10°27	28°58	3°51	20°49	0°47	23°43	8°30	8°20	19°15	5°44	S 26
S 27	2 22 25	3°48'15	29°24	17°38	16° 6	10°57	29° 2	3°50	20°R49	0°49	23°42	8°24	8°17	19°22	5°42	S 27
M28	2 26 21	4°48'05	13♑15	19° 8	17°16	11°26	29° 5	3°49	20°49	0°51	23°41	8°21	8°14	19°29	5°39	M28
T 29	2 30 18	5°47'56	27°12	20°41	18°26	11°56	29° 9	3°48	20°49	0°54	23°39	8°20	8°10	19°35	5°37	T 29
W30	2 34 15	6°47'49	11♒14	22°15	19°36	12°25	29°12	3°46	20°49	0°56	23°38	8°20	8° 7	19°42	5°35	W30
T 31	2 38 11	7♏47'43	25♒23	23♎51	20♐46	12♌54	29♋16	3♋44	20♋49	0♏58	23♉37	8♒19	8♒ 4	19♌49	5♈33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s12	24s32	2s 8	9s21	3s15	17s15	0s51	21n37	0n53	20n57	0n 5	22n13	1s 9	22n16	0n25	9s52	1n40	4n15	14s58	17s27	17s49	15n18	5n25	2n57
W 2	3 35	20 56	0 56	8 45	3 2	17 39	0 54	21 31	0 54	20 55	0 5	22 13	1 9	22 16	0 25	9 52	1 40	4 14	14 58	17 27	17 50	15 15	5 24	2 57
T 3	3 59	16 1	0n21	8 6	2 47	18 3	0 58	21 25	0 55	20 54	0 6	22 13	1 9	22 16	0 25	9 53	1 40	4 14	14 59	17 27	17 51	15 12	5 23	2 57
F 4	4 22	10 7	1 37	7 24	2 31	18 26	1 1	21 20	0 56	20 52	0 6	22 13	1 9	22 16	0 25	9 54	1 40	4 14	14 59	17 27	17 52	15 10	5 22	2 57
S 5	4 45	3 39	2 47	6 41	2 13	18 48	1 4	21 14	0 58	20 51	0 6	22 13	1 9	22 16	0 25	9 55	1 40	4 13	14 59	17 28	17 53	15 7	5 21	2 57
S 6	5 8	3n 1	3 46	5 57	1 54	19 11	1 8	21 8	0 59	20 50	0 6	22 13	1 9	22 15	0 25	9 55	1 40	4 13	14 59	17 30	17 54	15 4	5 19	2 57
M 7	5 31	9 27	4 30	5 13	1 34	19 32	1 11	21 2	1 0	20 49	0 6	22 13	1 10	22 15	0 25	9 56	1 40	4 12	14 59	17 32	17 54	15 1	5 18	2 57
T 8	5 54	15 17	4 56	4 31	1 13	19 54	1 14	20 56	1 1	20 47	0 6	22 13	1 10	22 15	0 25	9 57	1 40	4 12	15 0	17 35	17 55	14 58	5 17	2 57
W 9	6 16	20 10	5 3	3 51	0 53	20 14	1 18	20 50	1 2	20 46	0 6	22 12	1 10	22 15	0 25	9 58	1 40	4 12	15 0	17 38	17 56	14 55	5 16	2 57
T 10	6 39	23 50	4 53	3 15	0 33	20 35	1 21	20 44	1 4	20 45	0 6	22 12	1 10	22 15	0 25	9 58	1 40	4 11	15 0	17 40	17 57	14 52	5 15	2 57
F 11	7 2	26 7	4 27	2 42	0 13	20 55	1 24	20 37	1 5	20 44	0 7	22 12	1 10	22 15	0 25	9 59	1 40	4 11	15 0	17 42	17 58	14 50	5 14	2 56
S 12	7 24	26 57	3 48	2 15	0n 6	21 14	1 28	20 31	1 6	20 43	0 7	22 12	1 10	22 15	0 25	10 0	1 40	4 11	15 0	17 44	17 59	14 47	5 12	2 56
S 13	7 47	26 22	3 0	1 53	0 24	21 33	1 31	20 25	1 7	20 42	0 7	22 12	1 10	22 15	0 25	10 1	1 40	4 10	15 0	17 45	17 59	14 44	5 11	2 56
M14	8 9	24 32	2 4	1 36	0 40	21 51	1 34	20 18	1 9	20 40	0 7	22 12	1 10	22 15	0 25	10 1	1 40	4 10	15 1	17 45	18 0	14 41	5 10	2 56
T 15	8 31	21 38	1 4	1 25	0 55	22 8	1 37	20 12	1 10	20 39	0 7	22 12	1 10	22 15	0 25	10 2	1 40	4 10	15 1	17 45	18 1	14 38	5 9	2 56
W16	8 53	17 51	0 2	1 20	1 9	22 25	1 40	20 5	1 11	20 38	0 7	22 12	1 10	22 14	0 25	10 3	1 40	4 9	15 1	17 45	18 2	14 35	5 8	2 56
T 17	9 15	13 24	1s 1	1 20	1 21	22 42	1 44	19 58	1 12	20 37	0 7	22 12	1 10	22 14	0 25	10 4	1 40	4 9	15 1	17 45	18 3	14 32	5 7	2 56
F 18	9 37	8 25	2 1	1 25	1 31	22 58	1 47	19 52	1 14	20 36	0 8	22 12	1 10	22 14	0 26	10 5	1 40	4 9	15 1	17 46	18 4	14 30	5 6	2 56
S 19	9 59	3 6	2 56	1 35	1 40	23 13	1 50	19 45	1 15	20 35	0 8	22 12	1 10	22 14	0 26	10 5	1 40	4 8	15 1	17 47	18 4	14 27	5 4	2 56
S 20	10 20	2s25	3 44	1 49	1 47	23 28	1 53	19 38	1 16	20 35	0 8	22 12	1 10	22 14	0 26	10 6	1 40	4 8	15 1	17 49	18 5	14 24	5 3	2 55
M21	10 42	7 56	4 22	2 8	1 53	23 42	1 56	19 32	1 18	20 34	0 8	22 12	1 10	22 14	0 26	10 7	1 40	4 8	15 1	17 52	18 6	14 21	5 2	2 55
T 22	11 3	13 14	4 48	2 30	1 58	23 56	1 59	19 25	1 19	20 33	0 8	22 12	1 10	22 14	0 26	10 8	1 40	4 7	15 2	17 55	18 7	14 18	5 1	2 55
W23	11 24	18 4	5 0	2 55	2 1	24 8	2 1	19 18	1 20	20 32	0 8	22 12	1 10	22 14	0 26	10 8	1 40	4 7	15 2	17 59	18 8	14 15	5 0	2 55
T 24	11 45	22 7	4 56	3 23	2 3	24 21	2 4	19 11	1 22	20 31	0 8	22 12	1 10	22 14	0 26	10 9	1 40	4 7	15 2	18 2	18 9	14 12	4 59	2 55
F 25	12 6	25 5	4 36	3 54	2 4	24 32	2 7	19 5	1 23	20 30	0 9	22 12	1 10	22 14	0 26	10 10	1 40	4 6	15 2	18 5	18 9	14 9	4 58	2 55
S 26	12 26	26 38	4 0	4 26	2 5	24 43	2 10	18 58	1 24	20 30	0 9	22 12	1 10	22 14	0 26	10 11	1 40	4 6	15 2	18 8	18 10	14 7	4 57	2 55
S 27	12 47	26 36	3 10	5 0	2 4	24 53	2 12	18 51	1 26	20 29	0 9	22 12	1 10	22 14	0 26	10 12	1 40	4 6	15 2	18 9	18 11	14 4	4 56	2 54
M28	13 7	24 54	2 8	5 36	2 2	25 3	2 15	18 44	1 27	20 28	0 9	22 12	1 10	22 14	0 26	10 12	1 40	4 5	15 2	18 10	18 12	14 1	4 55	2 54
T 29	13 27	21 40	0 59	6 13	2 0	25 12	2 17	18 37	1 29	20 28	0 9	22 12	1 10	22 14	0 26	10 13	1 40	4 5	15 2	18 10	18 13	13 58	4 54	2 54
W30	13 47	17 9	0n15	6 51	1 57	25 20	2 20	18 31	1 30	20 27	0 9	22 12	1 10	22 14	0 26	10 14	1 40	4 5	15 2	18 10	18 14	13 55	4 53	2 54
T 31	14s 6	11s39	1n29	7s29	1n54	25s28	2s22	18n24	1n31	20n27	0n 9	22n12	1s10	22n15	0n26	10s15	1n40	4n 4	15s 2	18s10	18s14	13n52	4n52	2n54

Julian Day Number = 2495647.5, Delta T = 103.68 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'39, Lahiri = 25°32'39

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ASTRODIENST EPHEMERIS for the year 2120
geocentric

NOVEMBER 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 42 8	8♏47'39	9♓36	25♎27	21♐56	13♌22	29♋19	3°R43	20°R49	1♏ 0	23°R36	8°R17	8♒ 1	19♌55	5°R30	F 1
S 2	2 46 4	9°47'37	23°51	27° 4	23° 5	13°51	29°22	3♋41	20♋48	1° 3	23♉35	8♒12	7°58	20° 2	5♈28	S 2
S 3	2 50 1	10°47'36	8♈ 6	28°42	24°15	14°19	29°24	3°39	20°48	1° 5	23°34	8° 5	7°55	20° 9	5°26	S 3
M 4	2 53 57	11°47'37	22°15	0♏20	25°24	14°47	29°27	3°37	20°47	1° 7	23°33	7°54	7°51	20°15	5°24	M 4
T 5	2 57 54	12°47'40	6♉14	1°59	26°34	15°14	29°29	3°35	20°47	1° 9	23°32	7°42	7°48	20°22	5°22	T 5
W 6	3 1 50	13°47'45	19°58	3°37	27°43	15°42	29°31	3°33	20°46	1°11	23°31	7°29	7°45	20°29	5°20	W 6
T 7	3 5 47	14°47'51	3♊23	5°16	28°52	16° 9	29°33	3°30	20°46	1°14	23°30	7°17	7°42	20°35	5°18	T 7
F 8	3 9 43	15°48'00	16°28	6°54	0♑ 1	16°36	29°35	3°28	20°45	1°16	23°29	7° 7	7°39	20°42	5°16	F 8
S 9	3 13 40	16°48'10	29°11	8°33	1°10	17° 2	29°36	3°25	20°45	1°18	23°27	6°59	7°36	20°49	5°14	S 9
S 10	3 17 37	17°48'23	11♋35	10°11	2°18	17°29	29°38	3°23	20°44	1°20	23°26	6°54	7°32	20°55	5°12	S 10
M11	3 21 33	18°48'37	23°43	11°49	3°27	17°55	29°39	3°20	20°43	1°22	23°25	6°52	7°29	21° 2	5°10	M11
T 12	3 25 30	19°48'53	5♌39	13°27	4°35	18°20	29°40	3°17	20°42	1°25	23°24	6°D51	7°26	21° 8	5° 9	T 12
W13	3 29 26	20°49'12	17°28	15° 4	5°44	18°46	29°40	3°14	20°41	1°27	23°23	6°R51	7°23	21°15	5° 7	W13
T 14	3 33 23	21°49'32	29°16	16°42	6°52	19°11	29°41	3°11	20°40	1°29	23°22	6°51	7°20	21°22	5° 5	T 14
F 15	3 37 19	22°49'54	11♍ 9	18°19	8° 0	19°36	29°41	3° 8	20°39	1°31	23°21	6°49	7°16	21°28	5° 4	F 15
S 16	3 41 16	23°50'18	23°10	19°55	9° 8	20° 0	29°R41	3° 5	20°38	1°33	23°20	6°46	7°13	21°35	5° 2	S 16
S 17	3 45 13	24°50'44	5♎27	21°32	10°16	20°24	29°41	3° 2	20°37	1°35	23°19	6°39	7°10	21°42	5° 0	S 17
M18	3 49 9	25°51'11	18° 0	23° 8	11°23	20°48	29°41	2°59	20°36	1°37	23°17	6°30	7° 7	21°48	4°59	M18
T 19	3 53 6	26°51'41	0♏54	24°44	12°31	21°11	29°41	2°55	20°35	1°39	23°16	6°19	7° 4	21°55	4°57	T 19
W20	3 57 2	27°52'12	14° 8	26°20	13°38	21°35	29°40	2°52	20°34	1°41	23°15	6° 7	7° 1	22° 2	4°56	W20
T 21	4 0 59	28°52'45	27°41	27°55	14°45	21°57	29°39	2°48	20°32	1°43	23°14	5°55	6°57	22° 8	4°55	T 21
F 22	4 4 55	29°53'20	11♐30	29°30	15°52	22°20	29°38	2°44	20°31	1°46	23°13	5°45	6°54	22°15	4°53	F 22
S 23	4 8 52	0♐53'56	25°31	1♐ 5	16°59	22°42	29°37	2°41	20°30	1°48	23°12	5°37	6°51	22°22	4°52	S 23
S 24	4 12 48	1°54'33	9♑40	2°40	18° 6	23° 3	29°35	2°37	20°28	1°50	23°11	5°31	6°48	22°28	4°51	S 24
M25	4 16 45	2°55'11	23°52	4°15	19°12	23°25	29°34	2°33	20°27	1°52	23°10	5°29	6°45	22°35	4°50	M25
T 26	4 20 42	3°55'51	8♒ 4	5°49	20°19	23°45	29°32	2°29	20°25	1°54	23° 8	5°D28	6°42	22°42	4°49	T 26
W27	4 24 38	4°56'32	22°14	7°23	21°25	24° 6	29°30	2°25	20°24	1°55	23° 7	5°29	6°38	22°48	4°48	W27
T 28	4 28 35	5°57'13	6♓21	8°57	22°31	24°26	29°27	2°21	20°22	1°57	23° 6	5°R29	6°35	22°55	4°47	T 28
F 29	4 32 31	6°57'56	20°23	10°31	23°36	24°45	29°25	2°16	20°21	1°59	23° 5	5°28	6°32	23° 2	4°46	F 29
S 30	4 36 28	7♐58'40	4♈20	12♐ 5	24♑41	25♌ 5	29♋22	2♋12	20♋19	2♏ 1	23♉ 4	5♒25	6♒29	23♌ 8	4♈45	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s25	5s32	2n37	8s 8	1n50	25s35	2s24	18n17	1n33	20n26	0n10	22n12	1s10	22n15	0n26	10s15	1n40	4n 4	15s 2	18s11	18s15	13n49	4n51	2n54
S 2	14 44	0n52	3 36	8 47	1 46	25 41	2 26	18 10	1 34	20 26	0 10	22 12	1 10	22 15	0 26	10 16	1 40	4 4	15 2	18 12	18 16	13 46	4 50	2 53
S 3	15 3	7 12	4 21	9 26	1 41	25 46	2 29	18 3	1 36	20 25	0 10	22 12	1 10	22 15	0 26	10 17	1 40	4 4	15 2	18 14	18 17	13 43	4 49	2 53
M 4	15 22	13 8	4 49	10 5	1 36	25 51	2 31	17 57	1 37	20 25	0 10	22 12	1 10	22 15	0 26	10 18	1 40	4 3	15 3	18 17	18 18	13 40	4 48	2 53
T 5	15 40	18 18	5 0	10 44	1 30	25 55	2 32	17 50	1 39	20 25	0 10	22 12	1 10	22 15	0 26	10 18	1 40	4 3	15 3	18 20	18 18	13 38	4 47	2 53
W 6	15 58	22 26	4 53	11 23	1 25	25 59	2 34	17 43	1 40	20 24	0 10	22 12	1 10	22 15	0 26	10 19	1 40	4 3	15 3	18 23	18 19	13 35	4 46	2 53
T 7	16 16	25 14	4 30	12 2	1 19	26 1	2 36	17 36	1 42	20 24	0 10	22 12	1 10	22 15	0 26	10 20	1 40	4 2	15 3	18 26	18 20	13 32	4 45	2 53
F 8	16 34	26 36	3 53	12 40	1 13	26 3	2 38	17 30	1 43	20 24	0 11	22 12	1 10	22 15	0 26	10 21	1 40	4 2	15 3	18 29	18 21	13 29	4 44	2 52
S 9	16 51	26 31	3 5	13 18	1 6	26 5	2 39	17 23	1 45	20 24	0 11	22 12	1 10	22 15	0 26	10 21	1 40	4 2	15 3	18 31	18 22	13 26	4 43	2 52
S 10	17 8	25 4	2 10	13 55	1 0	26 5	2 41	17 17	1 47	20 24	0 11	22 13	1 10	22 16	0 26	10 22	1 40	4 2	15 3	18 32	18 22	13 23	4 42	2 52
M11	17 24	22 29	1 9	14 31	0 53	26 5	2 42	17 10	1 48	20 24	0 11	22 13	1 10	22 16	0 26	10 23	1 40	4 1	15 3	18 33	18 23	13 20	4 41	2 52
T 12	17 41	18 57	0 6	15 7	0 47	26 4	2 44	17 4	1 50	20 24	0 11	22 13	1 10	22 16	0 26	10 24	1 40	4 1	15 3	18 33	18 24	13 17	4 40	2 52
W13	17 57	14 42	0s56	15 43	0 40	26 3	2 45	16 57	1 51	20 24	0 11	22 13	1 10	22 16	0 26	10 24	1 40	4 1	15 3	18 33	18 25	13 14	4 39	2 51
T 14	18 13	9 54	1 56	16 17	0 33	26 0	2 46	16 51	1 53	20 24	0 12	22 13	1 10	22 16	0 26	10 25	1 40	4 1	15 3	18 33	18 26	13 11	4 38	2 51
F 15	18 28	4 44	2 52	16 51	0 26	25 58	2 47	16 45	1 55	20 24	0 12	22 13	1 10	22 16	0 26	10 26	1 40	4 0	15 3	18 33	18 27	13 8	4 38	2 51
S 16	18 43	0s40	3 40	17 24	0 20	25 54	2 48	16 39	1 56	20 24	0 12	22 13	1 10	22 17	0 26	10 26	1 40	4 0	15 3	18 34	18 27	13 5	4 37	2 51
S 17	18 58	6 8	4 19	17 56	0 13	25 50	2 48	16 33	1 58	20 24	0 12	22 13	1 10	22 17	0 26	10 27	1 40	4 0	15 3	18 36	18 28	13 2	4 36	2 51
M18	19 13	11 29	4 47	18 27	0 6	25 45	2 49	16 27	2 0	20 24	0 12	22 13	1 10	22 17	0 26	10 28	1 40	4 0	15 3	18 38	18 29	12 59	4 35	2 51
T 19	19 27	16 29	5 1	18 57	0s 1	25 39	2 50	16 21	2 1	20 24	0 12	22 13	1 10	22 17	0 27	10 29	1 40	3 59	15 2	18 41	18 30	12 57	4 35	2 50
W20	19 40	20 50	4 59	19 26	0 7	25 33	2 50	16 15	2 3	20 25	0 12	22 13	1 10	22 17	0 27	10 29	1 40	3 59	15 2	18 44	18 31	12 54	4 34	2 50
T 21	19 54	24 12	4 41	19 55	0 14	25 26	2 50	16 9	2 5	20 25	0 13	22 13	1 10	22 18	0 27	10 30	1 40	3 59	15 2	18 47	18 31	12 51	4 33	2 50
F 22	20 7	26 13	4 6	20 22	0 21	25 18	2 50	16 3	2 7	20 25	0 13	22 13	1 10	22 18	0 27	10 31	1 40	3 59	15 2	18 49	18 32	12 48	4 32	2 50
S 23	20 20	26 37	3 16	20 49	0 27	25 10	2 50	15 58	2 8	20 26	0 13	22 14	1 10	22 18	0 27	10 31	1 40	3 59	15 2	18 51	18 33	12 45	4 32	2 50
S 24	20 32	25 17	2 13	21 14	0 34	25 1	2 50	15 52	2 10	20 26	0 13	22 14	1 10	22 18	0 27	10 32	1 40	3 58	15 2	18 53	18 34	12 42	4 31	2 49
M25	20 44	22 20	1 2	21 38	0 40	24 51	2 50	15 47	2 12	20 27	0 13	22 14	1 10	22 19	0 27	10 33	1 40	3 58	15 2	18 53	18 35	12 39	4 30	2 49
T 26	20 55	18 1	0n14	22 2	0 46	24 41	2 50	15 42	2 14	20 27	0 13	22 14	1 10	22 19	0 27	10 33	1 40	3 58	15 2	18 53	18 35	12 36	4 30	2 49
W27	21 6	12 42	1 28	22 24	0 53	24 30	2 49	15 37	2 16	20 28	0 14	22 14	1 10	22 19	0 27	10 34	1 40	3 58	15 2	18 53	18 36	12 33	4 29	2 49
T 28	21 17	6 44	2 37	22 45	0 59	24 19	2 49	15 32	2 18	20 29	0 14	22 14	1 10	22 19	0 27	10 34	1 40	3 58	15 2	18 53	18 37	12 30	4 29	2 49
F 29	21 28	0 30	3 36	23 5	1 5	24 7	2 48	15 27	2 19	20 29	0 14	22 14	1 10	22 20	0 27	10 35	1 40	3 58	15 2	18 53	18 38	12 27	4 28	2 48
S 30	21s38	5n44	4n22	23s23	1s10	23s54	2s47	15n22	2n21	20n30	0n14	22n14	1s10	22n20	0n27	10s36	1n41	3n57	15s 2	18s54	18s39	12n24	4n27	2n48

Julian Day Number = 2495678.5, Delta T = 103.72 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'43, Lahiri = 25°32'43

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ASTRODIENST EPHEMERIS for the year 2120
geocentric

DECEMBER 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 24	8♐59'24	18♈10	13♐39	25♑47	25♌23	29°R19	2°R 8	20°R17	2♏ 3	23°R 3	5°R20	6♒26	23♌15	4°R44	S 1
M 2	4 44 21	10° 0'10	1♉52	15°13	26°51	25°42	29♋16	2♋ 4	20♋15	2° 5	23♉ 2	5♒12	6°22	23°21	4♈43	M 2
T 3	4 48 17	11° 0'57	15°24	16°46	27°56	25°59	29°13	1°59	20°14	2° 7	23° 1	5° 3	6°19	23°28	4°42	T 3
W 4	4 52 14	12° 1'45	28°44	18°20	29° 0	26°17	29°10	1°55	20°12	2° 9	23° 0	4°53	6°16	23°35	4°42	W 4
T 5	4 56 11	13° 2'34	11♊49	19°53	0♒ 4	26°34	29° 6	1°50	20°10	2°10	22°59	4°44	6°13	23°41	4°41	T 5
F 6	5 0 7	14° 3'24	24°38	21°27	1° 8	26°50	29° 2	1°46	20° 8	2°12	22°58	4°36	6°10	23°48	4°41	F 6
S 7	5 4 4	15° 4'15	7♋11	23° 0	2°12	27° 6	28°59	1°41	20° 6	2°14	22°57	4°30	6° 7	23°55	4°40	S 7
S 8	5 8 0	16° 5'08	19°29	24°34	3°15	27°21	28°54	1°36	20° 4	2°16	22°56	4°26	6° 3	24° 1	4°40	S 8
M 9	5 11 57	17° 6'01	1♌33	26° 7	4°18	27°36	28°50	1°32	20° 2	2°18	22°55	4°D25	6° 0	24° 8	4°39	M 9
T 10	5 15 53	18° 6'56	13°28	27°40	5°20	27°51	28°46	1°27	20° 0	2°19	22°54	4°25	5°57	24°15	4°39	T 10
W11	5 19 50	19° 7'52	25°17	29°14	6°22	28° 4	28°41	1°22	19°58	2°21	22°53	4°27	5°54	24°21	4°39	W11
T 12	5 23 46	20° 8'49	7♍ 5	0♑47	7°24	28°18	28°36	1°17	19°56	2°23	22°52	4°28	5°51	24°28	4°38	T 12
F 13	5 27 43	21° 9'47	18°57	2°20	8°25	28°30	28°31	1°13	19°53	2°24	22°51	4°R29	5°48	24°35	4°38	F 13
S 14	5 31 40	22°10'47	0♎58	3°53	9°27	28°42	28°26	1° 8	19°51	2°26	22°50	4°29	5°44	24°41	4°38	S 14
S 15	5 35 36	23°11'47	13°13	5°26	10°27	28°54	28°21	1° 3	19°49	2°27	22°49	4°27	5°41	24°48	4°38	S 15
M16	5 39 33	24°12'48	25°48	6°59	11°27	29° 5	28°15	0°58	19°47	2°29	22°48	4°23	5°38	24°55	4°D38	M16
T 17	5 43 29	25°13'51	8♏44	8°32	12°27	29°15	28° 9	0°53	19°45	2°30	22°47	4°17	5°35	25° 1	4°38	T 17
W18	5 47 26	26°14'54	22° 6	10° 4	13°27	29°25	28° 4	0°48	19°42	2°32	22°46	4°11	5°32	25° 8	4°38	W18
T 19	5 51 22	27°15'59	5♐51	11°36	14°26	29°34	27°58	0°43	19°40	2°33	22°45	4° 4	5°28	25°15	4°38	T 19
F 20	5 55 19	28°17'04	19°58	13° 8	15°24	29°42	27°51	0°38	19°38	2°35	22°44	3°58	5°25	25°21	4°38	F 20
S 21	5 59 15	29°18'10	4♑22	14°39	16°22	29°50	27°45	0°33	19°35	2°36	22°43	3°54	5°22	25°28	4°39	S 21
S 22	6 3 12	0♑19'16	18°57	16°10	17°20	29°57	27°39	0°28	19°33	2°38	22°42	3°51	5°19	25°35	4°39	S 22
M23	6 7 9	1°20'23	3♒37	17°40	18°17	0♍ 4	27°32	0°23	19°30	2°39	22°42	3°D51	5°16	25°41	4°39	M23
T 24	6 11 5	2°21'30	18°15	19° 9	19°13	0° 9	27°26	0°19	19°28	2°41	22°41	3°51	5°13	25°48	4°40	T 24
W25	6 15 2	3°22'38	2♓46	20°36	20° 9	0°14	27°19	0°14	19°26	2°42	22°40	3°53	5° 9	25°55	4°40	W25
T 26	6 18 58	4°23'45	17° 6	22° 3	21° 4	0°19	27°12	0° 9	19°23	2°43	22°39	3°54	5° 6	26° 1	4°41	T 26
F 27	6 22 55	5°24'52	1♈12	23°28	21°59	0°22	27° 5	0° 4	19°21	2°44	22°38	3°R55	5° 3	26° 8	4°41	F 27
S 28	6 26 51	6°26'00	15° 4	24°51	22°52	0°25	26°58	29♊59	19°18	2°46	22°38	3°55	5° 0	26°14	4°42	S 28
S 29	6 30 48	7°27'07	28°41	26°11	23°46	0°27	26°51	29°54	19°16	2°47	22°37	3°53	4°57	26°21	4°43	S 29
M30	6 34 45	8°28'15	12♉ 4	27°29	24°38	0°28	26°43	29°49	19°13	2°48	22°36	3°51	4°54	26°28	4°44	M30
T 31	6 38 41	9♑29'23	25♉12	28♑44	25♒30	0°R29	26♋36	29♊44	19♋10	2♏49	22♉35	3♒47	4♒50	26♌34	4♈44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21 s47	11n37	4n52	23 s41	1 s16	23 s41	2 s46	15n18	2n23	20n31	0n14	22n14	1 s10	22n20	0n27	10 s36	1n41	3n57	15 s 2	18 s55	18 s39	12n21	4n27	2n48
M 2	21 56	16 53	5 5	23 57	1 21	23 28	2 44	15 14	2 25	20 32	0 14	22 15	1 10	22 20	0 27	10 37	1 41	3 57	15 1	18 57	18 40	12 18	4 26	2 48
T 3	22 5	21 14	5 1	24 12	1 27	23 13	2 43	15 9	2 27	20 32	0 15	22 15	1 10	22 21	0 27	10 38	1 41	3 57	15 1	19 0	18 41	12 15	4 26	2 47
W 4	22 13	24 25	4 40	24 26	1 32	22 59	2 41	15 5	2 29	20 33	0 15	22 15	1 10	22 21	0 27	10 38	1 41	3 57	15 1	19 2	18 42	12 12	4 25	2 47
T 5	22 21	26 14	4 5	24 39	1 36	22 43	2 40	15 1	2 31	20 34	0 15	22 15	1 10	22 21	0 27	10 39	1 41	3 57	15 1	19 4	18 42	12 9	4 25	2 47
F 6	22 28	26 36	3 18	24 50	1 41	22 28	2 38	14 58	2 33	20 35	0 15	22 15	1 10	22 22	0 27	10 39	1 41	3 57	15 1	19 6	18 43	12 6	4 25	2 47
S 7	22 35	25 35	2 22	25 0	1 46	22 11	2 36	14 54	2 35	20 36	0 15	22 15	1 10	22 22	0 27	10 40	1 41	3 57	15 1	19 7	18 44	12 3	4 24	2 47
S 8	22 42	23 20	1 20	25 8	1 50	21 55	2 34	14 51	2 37	20 37	0 15	22 15	1 10	22 22	0 27	10 40	1 41	3 56	15 1	19 8	18 45	12 0	4 24	2 46
M 9	22 48	20 3	0 15	25 16	1 54	21 37	2 31	14 47	2 39	20 38	0 16	22 15	1 10	22 23	0 27	10 41	1 41	3 56	15 0	19 9	18 46	11 57	4 23	2 46
T 10	22 54	15 59	0 s49	25 22	1 57	21 20	2 29	14 44	2 41	20 39	0 16	22 15	1 10	22 23	0 27	10 42	1 41	3 56	15 0	19 9	18 46	11 54	4 23	2 46
W11	22 59	11 21	1 51	25 26	2 1	21 2	2 26	14 42	2 44	20 40	0 16	22 16	1 10	22 23	0 27	10 42	1 41	3 56	15 0	19 8	18 47	11 51	4 23	2 46
T 12	23 4	6 18	2 48	25 29	2 4	20 43	2 23	14 39	2 46	20 41	0 16	22 16	1 9	22 24	0 27	10 43	1 41	3 56	15 0	19 8	18 48	11 48	4 22	2 46
F 13	23 8	1 2	3 38	25 31	2 6	20 24	2 20	14 36	2 48	20 43	0 16	22 16	1 9	22 24	0 27	10 43	1 41	3 56	15 0	19 8	18 49	11 45	4 22	2 45
S 14	23 12	4 s21	4 19	25 31	2 9	20 5	2 17	14 34	2 50	20 44	0 16	22 16	1 9	22 24	0 27	10 44	1 41	3 56	15 0	19 8	18 50	11 42	4 22	2 45
S 15	23 15	9 40	4 50	25 30	2 11	19 45	2 13	14 32	2 52	20 45	0 17	22 16	1 9	22 25	0 27	10 44	1 41	3 56	14 59	19 8	18 50	11 39	4 22	2 45
M16	23 18	14 43	5 7	25 27	2 13	19 25	2 10	14 30	2 54	20 46	0 17	22 16	1 9	22 25	0 27	10 45	1 41	3 56	14 59	19 9	18 51	11 36	4 21	2 45
T 17	23 20	19 17	5 10	25 23	2 14	19 4	2 6	14 29	2 57	20 48	0 17	22 16	1 9	22 25	0 27	10 45	1 41	3 56	14 59	19 11	18 52	11 33	4 21	2 44
W18	23 22	23 2	4 56	25 17	2 15	18 43	2 2	14 28	2 59	20 49	0 17	22 16	1 9	22 26	0 27	10 46	1 41	3 56	14 59	19 12	18 53	11 30	4 21	2 44
T 19	23 24	25 36	4 25	25 10	2 15	18 22	1 58	14 26	3 1	20 50	0 17	22 17	1 9	22 26	0 27	10 46	1 41	3 56	14 59	19 14	18 53	11 27	4 21	2 44
F 20	23 25	26 39	3 37	25 1	2 15	18 1	1 54	14 26	3 3	20 52	0 17	22 17	1 9	22 26	0 27	10 46	1 41	3 56	14 58	19 15	18 54	11 24	4 21	2 44
S 21	23 25	25 55	2 34	24 51	2 15	17 39	1 49	14 25	3 6	20 53	0 18	22 17	1 9	22 27	0 27	10 47	1 41	3 56	14 58	19 16	18 55	11 21	4 21	2 44
S 22	23 25	23 25	1 21	24 40	2 14	17 17	1 44	14 25	3 8	20 55	0 18	22 17	1 9	22 27	0 27	10 47	1 41	3 56	14 58	19 17	18 56	11 18	4 21	2 43
M23	23 25	19 21	0 1	24 26	2 12	16 55	1 39	14 24	3 10	20 56	0 18	22 17	1 8	22 27	0 27	10 48	1 42	3 56	14 58	19 17	18 56	11 15	4 21	2 43
T 24	23 24	14 6	1n18	24 12	2 10	16 32	1 34	14 25	3 12	20 57	0 18	22 17	1 8	22 28	0 27	10 48	1 42	3 56	14 58	19 17	18 57	11 12	4 21	2 43
W25	23 23	8 7	2 32	23 56	2 7	16 10	1 29	14 25	3 15	20 59	0 18	22 17	1 8	22 28	0 27	10 49	1 42	3 56	14 57	19 16	18 58	11 9	4 21	2 43
T 26	23 21	1 47	3 35	23 39	2 3	15 47	1 23	14 26	3 17	21 0	0 18	22 17	1 8	22 29	0 27	10 49	1 42	3 56	14 57	19 16	18 59	11 6	4 21	2 42
F 27	23 19	4n31	4 25	23 20	1 59	15 24	1 17	14 27	3 19	21 2	0 19	22 17	1 8	22 29	0 27	10 49	1 42	3 56	14 57	19 16	19 0	11 3	4 21	2 42
S 28	23 16	10 30	4 57	23 1	1 54	15 0	1 11	14 28	3 22	21 3	0 19	22 18	1 8	22 29	0 27	10 50	1 42	3 56	14 57	19 16	19 0	11 0	4 21	2 42
S 29	23 13	15 52	5 13	22 40	1 48	14 37	1 5	14 29	3 24	21 5	0 19	22 18	1 8	22 30	0 27	10 50	1 42	3 56	14 56	19 16	19 1	10 57	4 21	2 42
M30	23 9	20 22	5 11	22 18	1 41	14 13	0 59	14 31	3 26	21 7	0 19	22 18	1 8	22 30	0 27	10 50	1 42	3 56	14 56	19 17	19 2	10 54	4 21	2 42
T 31	23 s 5	23n47	4n53	21 s55	1 s33	13 s50	0 s52	14n33	3n29	21n 8	0n19	22n18	1 s 8	22n30	0n27	10 s51	1n42	3n56	14 s56	19 s18	19 s 3	10n51	4n21	2n41

Julian Day Number = 2495708.5, Delta T = 103.77 sec
Ecliptic obliquity = 23°25'30, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'47, Lahiri = 25°32'48

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ASTRODIENST EPHEMERIS for the year 2121
geocentric

JANUARY 2121 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 42 38	10♑30'30	8♊ 7	29♑55	26♒21	0°R29	26°R29	29°R39	19°R 8	2♏50	22°R35	3°R43	4♒47	26♌41	4♈45	W 1
T 2	6 46 34	11°31'38	20°49	1♒ 1	27°11	0♍28	26♋21	29♊35	19♋ 5	2°51	22♉34	3♒39	4°44	26°48	4°46	T 2
F 3	6 50 31	12°32'46	3♋19	2° 3	28° 1	0°26	26°13	29°30	19° 3	2°52	22°33	3°36	4°41	26°54	4°47	F 3
S 4	6 54 27	13°33'53	15°37	2°59	28°49	0°23	26° 6	29°25	19° 0	2°53	22°33	3°34	4°38	27° 1	4°48	S 4
S 5	6 58 24	14°35'01	27°44	3°48	29°37	0°20	25°58	29°20	18°58	2°54	22°32	3°D33	4°34	27° 8	4°49	S 5
M 6	7 2 20	15°36'09	9♌43	4°29	0♓24	0°16	25°50	29°16	18°55	2°55	22°31	3°33	4°31	27°14	4°51	M 6
T 7	7 6 17	16°37'17	21°35	5° 3	1° 9	0°11	25°42	29°11	18°52	2°56	22°31	3°34	4°28	27°21	4°52	T 7
W 8	7 10 14	17°38'25	3♍24	5°26	1°54	0° 5	25°34	29° 7	18°50	2°57	22°30	3°35	4°25	27°28	4°53	W 8
T 9	7 14 10	18°39'33	15°12	5°40	2°38	29♌59	25°26	29° 2	18°47	2°58	22°30	3°37	4°22	27°34	4°54	T 9
F 10	7 18 7	19°40'41	27° 3	5°R43	3°20	29°51	25°18	28°58	18°45	2°59	22°29	3°38	4°19	27°41	4°56	F 10
S 11	7 22 3	20°41'49	9♎ 3	5°34	4° 2	29°43	25°10	28°53	18°42	3° 0	22°28	3°39	4°15	27°48	4°57	S 11
S 12	7 26 0	21°42'57	21°16	5°14	4°42	29°34	25° 2	28°49	18°39	3° 0	22°28	3°R39	4°12	27°54	4°58	S 12
M13	7 29 56	22°44'05	3♏46	4°41	5°21	29°24	24°54	28°44	18°37	3° 1	22°27	3°39	4° 9	28° 1	5° 0	M13
T 14	7 33 53	23°45'14	16°37	3°57	5°59	29°14	24°46	28°40	18°34	3° 2	22°27	3°38	4° 6	28° 8	5° 2	T 14
W15	7 37 49	24°46'22	29°54	3° 3	6°35	29° 2	24°38	28°36	18°32	3° 3	22°26	3°37	4° 3	28°14	5° 3	W15
T 16	7 41 46	25°47'30	13♐38	2° 0	7°10	28°50	24°30	28°32	18°29	3° 3	22°26	3°36	4° 0	28°21	5° 5	T 16
F 17	7 45 43	26°48'38	27°48	0°50	7°44	28°37	24°22	28°28	18°26	3° 4	22°26	3°35	3°56	28°28	5° 7	F 17
S 18	7 49 39	27°49'46	12♑21	29♑34	8°16	28°23	24°14	28°24	18°24	3° 4	22°25	3°35	3°53	28°34	5° 8	S 18
S 19	7 53 36	28°50'53	27°13	28°16	8°47	28° 8	24° 6	28°20	18°21	3° 5	22°25	3°D34	3°50	28°41	5°10	S 19
M20	7 57 32	29°52'00	12♒15	26°58	9°16	27°53	23°58	28°16	18°19	3° 5	22°25	3°35	3°47	28°48	5°12	M20
T 21	8 1 29	0♒53'06	27°19	25°41	9°43	27°37	23°50	28°12	18°16	3° 6	22°24	3°35	3°44	28°54	5°14	T 21
W22	8 5 25	1°54'12	12♓15	24°29	10° 8	27°20	23°42	28° 9	18°14	3° 6	22°24	3°35	3°40	29° 1	5°16	W22
T 23	8 9 22	2°55'16	26°57	23°23	10°32	27° 3	23°34	28° 5	18°11	3° 7	22°24	3°35	3°37	29° 8	5°18	T 23
F 24	8 13 18	3°56'20	11♈20	22°25	10°54	26°45	23°26	28° 1	18° 9	3° 7	22°23	3°R35	3°34	29°14	5°20	F 24
S 25	8 17 15	4°57'22	25°20	21°35	11°14	26°26	23°18	27°58	18° 6	3° 7	22°23	3°35	3°31	29°21	5°22	S 25
S 26	8 21 12	5°58'24	8♉57	20°54	11°32	26° 7	23°10	27°55	18° 4	3° 8	22°23	3°D35	3°28	29°28	5°24	S 26
M27	8 25 8	6°59'24	22°13	20°21	11°48	25°47	23° 3	27°51	18° 1	3° 8	22°23	3°35	3°25	29°34	5°26	M27
T 28	8 29 5	8° 0'24	5♊ 9	19°58	12° 2	25°26	22°55	27°48	17°59	3° 8	22°22	3°35	3°21	29°41	5°29	T 28
W29	8 33 1	9° 1'22	17°47	19°44	12°13	25° 5	22°48	27°45	17°57	3° 8	22°22	3°36	3°18	29°48	5°31	W29
T 30	8 36 58	10° 2'20	0♋12	19°D38	12°22	24°44	22°40	27°42	17°54	3° 8	22°22	3°37	3°15	29°54	5°33	T 30
F 31	8 40 54	11♒ 3'16	12♋24	19♑41	12♓29	24♌22	22♋33	27♊39	17♋52	3♏ 9	22♉22	3♒37	3♒12	0♍ 1	5♈35	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 1	25n55	4n20	21s32	1s25	13s26	0s45	14n35	3n31	21n10	0n19	22n18	1s 7	22n31	0n27	10s51	1n42	3n56	14s56	19s19	19s 3	10n48	4n21	2n41
T 2	22 56	26 40	3 34	21 8	1 15	13 2	0 38	14 38	3 34	21 11	0 20	22 18	1 7	22 31	0 27	10 51	1 42	3 56	14 55	19 19	19 4	10 45	4 21	2 41
F 3	22 50	26 2	2 39	20 44	1 4	12 38	0 31	14 41	3 36	21 13	0 20	22 18	1 7	22 32	0 27	10 52	1 42	3 57	14 55	19 20	19 5	10 42	4 22	2 41
S 4	22 44	24 8	1 37	20 20	0 52	12 14	0 23	14 44	3 38	21 14	0 20	22 18	1 7	22 32	0 27	10 52	1 42	3 57	14 55	19 21	19 6	10 39	4 22	2 41
S 5	22 38	21 7	0 32	19 56	0 39	11 50	0 15	14 47	3 41	21 16	0 20	22 18	1 7	22 32	0 27	10 52	1 42	3 57	14 55	19 21	19 6	10 36	4 22	2 40
M 6	22 31	17 15	0s34	19 32	0 25	11 26	0 7	14 51	3 43	21 18	0 20	22 19	1 7	22 33	0 28	10 53	1 42	3 57	14 54	19 21	19 7	10 33	4 22	2 40
T 7	22 24	12 45	1 38	19 10	0 10	11 2	0n 1	14 55	3 45	21 19	0 20	22 19	1 7	22 33	0 28	10 53	1 42	3 57	14 54	19 21	19 8	10 30	4 23	2 40
W 8	22 16	7 48	2 38	18 48	0n 6	10 38	0 10	14 59	3 48	21 21	0 20	22 19	1 7	22 33	0 28	10 53	1 42	3 57	14 54	19 20	19 9	10 27	4 23	2 40
T 9	22 8	2 35	3 31	18 28	0 23	10 15	0 19	15 3	3 50	21 23	0 21	22 19	1 6	22 34	0 28	10 53	1 42	3 57	14 53	19 20	19 9	10 24	4 23	2 39
F 10	21 59	2s44	4 15	18 10	0 41	9 51	0 28	15 8	3 52	21 24	0 21	22 19	1 6	22 34	0 28	10 54	1 43	3 57	14 53	19 20	19 10	10 21	4 24	2 39
S 11	21 50	8 0	4 49	17 54	0 59	9 27	0 37	15 13	3 54	21 26	0 21	22 19	1 6	22 35	0 28	10 54	1 43	3 58	14 53	19 20	19 11	10 18	4 24	2 39
S 12	21 40	13 4	5 10	17 41	1 18	9 4	0 46	15 18	3 57	21 27	0 21	22 19	1 6	22 35	0 28	10 54	1 43	3 58	14 53	19 19	19 12	10 15	4 24	2 39
M13	21 31	17 44	5 17	17 30	1 37	8 40	0 56	15 24	3 59	21 29	0 21	22 19	1 6	22 35	0 28	10 54	1 43	3 58	14 52	19 20	19 12	10 12	4 25	2 39
T 14	21 20	21 44	5 9	17 22	1 56	8 17	1 6	15 30	4 1	21 31	0 21	22 19	1 6	22 36	0 28	10 54	1 43	3 58	14 52	19 20	19 13	10 9	4 25	2 38
W15	21 10	24 45	4 45	17 17	2 14	7 54	1 16	15 36	4 3	21 32	0 21	22 20	1 5	22 36	0 28	10 54	1 43	3 58	14 52	19 20	19 14	10 6	4 26	2 38
T 16	20 58	26 27	4 3	17 15	2 31	7 32	1 27	15 42	4 5	21 34	0 22	22 20	1 5	22 36	0 28	10 55	1 43	3 59	14 51	19 20	19 15	10 3	4 26	2 38
F 17	20 47	26 30	3 6	17 16	2 46	7 9	1 38	15 48	4 7	21 35	0 22	22 20	1 5	22 37	0 28	10 55	1 43	3 59	14 51	19 20	19 15	10 0	4 27	2 38
S 18	20 35	24 46	1 55	17 18	2 59	6 47	1 49	15 55	4 9	21 37	0 22	22 20	1 5	22 37	0 28	10 55	1 43	3 59	14 51	19 21	19 16	9 57	4 27	2 38
S 19	20 23	21 17	0 35	17 23	3 10	6 25	2 0	16 2	4 11	21 38	0 22	22 20	1 5	22 37	0 28	10 55	1 43	3 59	14 50	19 21	19 17	9 54	4 28	2 37
M20	20 10	16 21	0n48	17 30	3 19	6 4	2 12	16 9	4 13	21 40	0 22	22 20	1 5	22 38	0 28	10 55	1 43	3 59	14 50	19 21	19 18	9 50	4 28	2 37
T 21	19 57	10 23	2 8	17 38	3 25	5 43	2 23	16 17	4 15	21 41	0 22	22 20	1 4	22 38	0 28	10 55	1 43	4 0	14 50	19 21	19 18	9 47	4 29	2 37
W22	19 43	3 54	3 19	17 47	3 29	5 22	2 35	16 24	4 17	21 43	0 22	22 20	1 4	22 38	0 28	10 55	1 43	4 0	14 50	19 20	19 19	9 44	4 29	2 37
T 23	19 30	2n42	4 15	17 57	3 30	5 2	2 47	16 32	4 18	21 44	0 22	22 21	1 4	22 39	0 28	10 55	1 43	4 0	14 49	19 20	19 20	9 41	4 30	2 37
F 24	19 15	9 0	4 54	18 8	3 29	4 42	3 0	16 40	4 20	21 46	0 23	22 21	1 4	22 39	0 28	10 55	1 43	4 0	14 49	19 20	19 21	9 38	4 31	2 36
S 25	19 1	14 40	5 15	18 19	3 26	4 23	3 13	16 48	4 21	21 47	0 23	22 21	1 4	22 39	0 28	10 56	1 43	4 1	14 49	19 20	19 21	9 35	4 31	2 36
S 26	18 46	19 28	5 17	18 30	3 21	4 4	3 25	16 56	4 23	21 49	0 23	22 21	1 4	22 40	0 28	10 56	1 43	4 1	14 48	19 20	19 22	9 32	4 32	2 36
M27	18 31	23 10	5 1	18 41	3 14	3 46	3 38	17 4	4 24	21 50	0 23	22 21	1 3	22 40	0 28	10 56	1 44	4 1	14 48	19 20	19 23	9 29	4 33	2 36
T 28	18 15	25 35	4 31	18 52	3 7	3 28	3 52	17 12	4 26	21 51	0 23	22 21	1 3	22 40	0 28	10 56	1 44	4 1	14 48	19 20	19 24	9 26	4 33	2 36
W29	17 59	26 39	3 48	19 2	2 58	3 12	4 5	17 20	4 27	21 53	0 23	22 21	1 3	22 41	0 28	10 56	1 44	4 2	14 47	19 20	19 24	9 23	4 34	2 36
T 30	17 43	26 21	2 55	19 13	2 48	2 56	4 18	17 29	4 28	21 54	0 23	22 21	1 3	22 41	0 28	10 56	1 44	4 2	14 47	19 20	19 25	9 20	4 35	2 35
F 31	17s27	24n46	1n55	19s22	2n38	2s41	4n32	17n37	4n29	21n55	0n23	22n22	1s 3	22n41	0n28	10s56	1n44	4n 2	14s47	19s20	19s26	9n17	4n36	2n35

Julian Day Number = 2495739.5, Delta T = 103.82 sec
Ecliptic obliquity = 23°25'29, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'51, Lahiri = 25°32'52

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ASTRODIENST EPHEMERIS for the year 2121
geocentric

FEBRUARY 2121 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 51	12♒ 4'11	24♋28	19♑50	12♓34	24°R 0	22°R26	27°R36	17°R50	3♏ 9	22°R22	3♒38	3♒ 9	0♍ 8	5♈38	S 1
S 2	8 48 48	13° 5'05	6♌25	20° 7	12°R36	23♌37	22♋19	27♊34	17♋47	3° 9	22♉22	3°R38	3° 6	0°14	5°40	S 2
M 3	8 52 44	14° 5'58	18°17	20°30	12°36	23°14	22°12	27°31	17°45	3°R 9	22°22	3°37	3° 2	0°21	5°43	M 3
T 4	8 56 41	15° 6'50	0♍ 7	20°58	12°33	22°51	22° 5	27°28	17°43	3° 9	22°22	3°36	2°59	0°28	5°45	T 4
W 5	9 0 37	16° 7'41	11°56	21°33	12°28	22°27	21°58	27°26	17°41	3° 9	22°D22	3°35	2°56	0°34	5°48	W 5
T 6	9 4 34	17° 8'31	23°46	22°11	12°20	22° 4	21°51	27°24	17°39	3° 9	22°22	3°33	2°53	0°41	5°50	T 6
F 7	9 8 30	18° 9'20	5♎41	22°55	12° 9	21°40	21°45	27°22	17°36	3° 8	22°22	3°31	2°50	0°47	5°53	F 7
S 8	9 12 27	19°10'08	17°43	23°42	11°56	21°16	21°38	27°19	17°34	3° 8	22°22	3°28	2°46	0°54	5°56	S 8
S 9	9 16 23	20°10'55	29°55	24°33	11°41	20°52	21°32	27°17	17°32	3° 8	22°22	3°27	2°43	1° 1	5°58	S 9
M10	9 20 20	21°11'41	12♏22	25°28	11°23	20°28	21°26	27°15	17°30	3° 8	22°22	3°25	2°40	1° 7	6° 1	M10
T 11	9 24 16	22°12'26	25° 8	26°25	11° 3	20° 4	21°20	27°14	17°28	3° 8	22°22	3°D25	2°37	1°14	6° 4	T 11
W12	9 28 13	23°13'10	8♐16	27°26	10°40	19°40	21°14	27°12	17°26	3° 7	22°22	3°26	2°34	1°21	6° 7	W12
T 13	9 32 10	24°13'54	21°49	28°29	10°16	19°16	21° 8	27°10	17°24	3° 7	22°22	3°27	2°31	1°27	6°10	T 13
F 14	9 36 6	25°14'36	5♑49	29°34	9°49	18°53	21° 2	27° 9	17°22	3° 7	22°23	3°29	2°27	1°34	6°12	F 14
S 15	9 40 3	26°15'17	20°15	0♒42	9°20	18°29	20°57	27° 8	17°20	3° 6	22°23	3°30	2°24	1°41	6°15	S 15
S 16	9 43 59	27°15'57	5♒ 5	1°51	8°50	18° 6	20°52	27° 6	17°19	3° 6	22°23	3°R30	2°21	1°47	6°18	S 16
M17	9 47 56	28°16'35	20°11	3° 3	8°18	17°43	20°47	27° 5	17°17	3° 5	22°23	3°29	2°18	1°54	6°21	M17
T 18	9 51 52	29°17'12	5♓27	4°16	7°44	17°21	20°42	27° 4	17°15	3° 5	22°24	3°27	2°15	2° 1	6°24	T 18
W19	9 55 49	0♓17'48	20°40	5°32	7° 9	16°59	20°37	27° 3	17°13	3° 4	22°24	3°24	2°12	2° 7	6°27	W19
T 20	9 59 45	1°18'21	5♈42	6°48	6°33	16°37	20°32	27° 2	17°12	3° 4	22°24	3°20	2° 8	2°14	6°30	T 20
F 21	10 3 42	2°18'53	20°23	8° 6	5°57	16°16	20°28	27° 2	17°10	3° 3	22°25	3°16	2° 5	2°21	6°33	F 21
S 22	10 7 39	3°19'24	4♉39	9°26	5°20	15°55	20°24	27° 1	17° 8	3° 3	22°25	3°12	2° 2	2°27	6°36	S 22
S 23	10 11 35	4°19'52	18°26	10°47	4°42	15°35	20°19	27° 1	17° 7	3° 2	22°25	3°10	1°59	2°34	6°40	S 23
M24	10 15 32	5°20'19	1♊45	12° 9	4° 5	15°16	20°16	27° 0	17° 5	3° 1	22°26	3°D 9	1°56	2°41	6°43	M24
T 25	10 19 28	6°20'44	14°40	13°33	3°28	14°57	20°12	27° 0	17° 4	3° 1	22°26	3° 9	1°52	2°47	6°46	T 25
W26	10 23 25	7°21'07	27°12	14°58	2°51	14°38	20° 8	27° 0	17° 3	3° 0	22°27	3°10	1°49	2°54	6°49	W26
T 27	10 27 21	8°21'28	9♋28	16°24	2°15	14°21	20° 5	27°D 0	17° 1	2°59	22°27	3°12	1°46	3° 1	6°52	T 27
F 28	10 31 18	9♓21'47	21♋31	17♒51	1♓40	14♌ 4	20♋ 2	27♊ 0	17♋ 0	2♏58	22♉28	3♒14	1♒43	3♍ 7	6♈56	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s10	22n 3	0n51	19s31	2n28	2s26	4n46	17n45	4n30	21n57	0n23	22n22	1s 3	22n42	0n28	10s56	1n44	4n 2	14s46	19s20	19s27	9n14	4n36	2n35
S 2	16 53	18 24	0s15	19 40	2 17	2 13	5 0	17 54	4 31	21 58	0 23	22 22	1 2	22 42	0 28	10 56	1 44	4 3	14 46	19 20	19 27	9 11	4 37	2 35
M 3	16 35	14 4	1 20	19 47	2 6	2 0	5 13	18 2	4 31	21 59	0 24	22 22	1 2	22 42	0 28	10 55	1 44	4 3	14 46	19 20	19 28	9 8	4 38	2 35
T 4	16 18	9 13	2 22	19 54	1 55	1 48	5 27	18 10	4 32	22 0	0 24	22 22	1 2	22 43	0 28	10 55	1 44	4 3	14 45	19 20	19 29	9 5	4 39	2 34
W 5	16 0	4 3	3 17	20 0	1 43	1 38	5 41	18 19	4 33	22 2	0 24	22 22	1 2	22 43	0 28	10 55	1 44	4 4	14 45	19 20	19 29	9 2	4 40	2 34
T 6	15 41	1s15	4 3	20 5	1 32	1 28	5 54	18 27	4 33	22 3	0 24	22 22	1 2	22 43	0 28	10 55	1 44	4 4	14 45	19 21	19 30	8 58	4 41	2 34
F 7	15 23	6 32	4 40	20 9	1 21	1 19	6 8	18 35	4 33	22 4	0 24	22 23	1 1	22 43	0 28	10 55	1 44	4 4	14 44	19 22	19 31	8 55	4 42	2 34
S 8	15 4	11 38	5 4	20 12	1 10	1 12	6 21	18 43	4 33	22 5	0 24	22 23	1 1	22 44	0 28	10 55	1 44	4 5	14 44	19 22	19 32	8 52	4 42	2 34
S 9	14 45	16 21	5 16	20 14	0 59	1 6	6 34	18 51	4 34	22 6	0 24	22 23	1 1	22 44	0 28	10 55	1 44	4 5	14 44	19 22	19 32	8 49	4 43	2 34
M10	14 26	20 29	5 12	20 14	0 49	1 0	6 47	18 59	4 33	22 7	0 24	22 23	1 1	22 44	0 28	10 55	1 44	4 5	14 43	19 23	19 33	8 46	4 44	2 33
T 11	14 6	23 47	4 54	20 14	0 38	0 56	7 0	19 6	4 33	22 8	0 24	22 23	1 1	22 44	0 28	10 55	1 44	4 6	14 43	19 23	19 34	8 43	4 45	2 33
W12	13 46	25 57	4 20	20 12	0 28	0 54	7 12	19 14	4 33	22 9	0 24	22 23	1 0	22 45	0 28	10 54	1 45	4 6	14 43	19 23	19 35	8 40	4 46	2 33
T 13	13 26	26 40	3 30	20 10	0 18	0 52	7 23	19 21	4 33	22 10	0 24	22 23	1 0	22 45	0 28	10 54	1 45	4 6	14 42	19 22	19 35	8 37	4 47	2 33
F 14	13 6	25 45	2 27	20 6	0 8	0 52	7 34	19 28	4 32	22 11	0 25	22 24	1 0	22 45	0 28	10 54	1 45	4 7	14 42	19 22	19 36	8 34	4 48	2 33
S 15	12 46	23 6	1 12	20 1	0s 1	0 53	7 45	19 35	4 32	22 12	0 25	22 24	1 0	22 45	0 28	10 54	1 45	4 7	14 42	19 22	19 37	8 31	4 49	2 33
S 16	12 25	18 51	0n 9	19 54	0 10	0 55	7 54	19 41	4 31	22 13	0 25	22 24	1 0	22 46	0 28	10 54	1 45	4 8	14 41	19 22	19 37	8 28	4 50	2 33
M17	12 4	13 19	1 31	19 47	0 19	0 58	8 4	19 48	4 30	22 14	0 25	22 24	0 59	22 46	0 28	10 54	1 45	4 8	14 41	19 22	19 38	8 25	4 51	2 32
T 18	11 43	6 55	2 47	19 38	0 28	1 3	8 12	19 54	4 29	22 15	0 25	22 24	0 59	22 46	0 28	10 53	1 45	4 8	14 41	19 22	19 39	8 22	4 52	2 32
W19	11 22	0 9	3 51	19 28	0 36	1 8	8 19	20 0	4 28	22 15	0 25	22 25	0 59	22 46	0 28	10 53	1 45	4 9	14 40	19 23	19 40	8 19	4 53	2 32
T 20	11 0	6n31	4 38	19 17	0 44	1 15	8 26	20 5	4 27	22 16	0 25	22 25	0 59	22 46	0 27	10 53	1 45	4 9	14 40	19 24	19 40	8 15	4 54	2 32
F 21	10 39	12 40	5 6	19 4	0 52	1 23	8 32	20 11	4 26	22 17	0 25	22 25	0 59	22 47	0 27	10 53	1 45	4 9	14 40	19 25	19 41	8 12	4 56	2 32
S 22	10 17	17 58	5 13	18 50	0 59	1 32	8 36	20 16	4 25	22 18	0 25	22 25	0 58	22 47	0 27	10 52	1 45	4 10	14 39	19 26	19 42	8 9	4 57	2 32
S 23	9 55	22 9	5 3	18 35	1 6	1 42	8 40	20 21	4 23	22 18	0 25	22 25	0 58	22 47	0 27	10 52	1 45	4 10	14 39	19 26	19 42	8 6	4 58	2 32
M24	9 33	25 0	4 35	18 19	1 13	1 52	8 43	20 25	4 22	22 19	0 25	22 25	0 58	22 47	0 27	10 52	1 45	4 11	14 39	19 27	19 43	8 3	4 59	2 31
T 25	9 11	26 26	3 55	18 1	1 20	2 4	8 45	20 29	4 21	22 19	0 25	22 26	0 58	22 47	0 27	10 52	1 45	4 11	14 38	19 26	19 44	8 0	5 0	2 31
W26	8 48	26 28	3 4	17 42	1 26	2 16	8 46	20 33	4 19	22 20	0 25	22 26	0 58	22 48	0 27	10 51	1 45	4 12	14 38	19 26	19 45	7 57	5 1	2 31
T 27	8 26	25 11	2 6	17 22	1 31	2 29	8 46	20 37	4 17	22 21	0 25	22 26	0 57	22 48	0 27	10 51	1 45	4 12	14 38	19 26	19 45	7 54	5 2	2 31
F 28	8s 3	22n45	1n 4	17s 1	1s37	2s42	8n45	20n40	4n16	22n21	0n25	22n26	0s57	22n48	0n27	10s51	1n45	4n12	14s37	19s25	19s46	7n51	5n 3	2n31

Julian Day Number = 2495770.5, Delta T = 103.86 sec
Ecliptic obliquity = 23°25'30, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'56, Lahiri = 25°32'56

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ASTRODIENST EPHEMERIS for the year 2121
geocentric

MARCH 2121 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 14	10♓22'04	3♌26	19♒19	1°R 6	13°R47	19°R59	27♊ 0	16°R59	2°R58	22♉28	3°R14	1♒40	3♍14	6♈59	S 1
S 2	10 39 11	11°22'19	15°16	20°48	0♓34	13♌32	19♋56	27° 0	16♋57	2♏57	22°29	3♒13	1°37	3°21	7° 2	S 2
M 3	10 43 8	12°22'33	27° 4	22°19	0° 3	13°17	19°54	27° 1	16°56	2°56	22°29	3°11	1°33	3°27	7° 6	M 3
T 4	10 47 4	13°22'44	8♍53	23°51	29♒34	13° 3	19°51	27° 1	16°55	2°55	22°30	3° 6	1°30	3°34	7° 9	T 4
W 5	10 51 1	14°22'54	20°45	25°23	29° 7	12°49	19°49	27° 2	16°54	2°54	22°30	2°59	1°27	3°41	7°12	W 5
T 6	10 54 57	15°23'02	2♎41	26°57	28°42	12°37	19°47	27° 3	16°53	2°53	22°31	2°52	1°24	3°47	7°16	T 6
F 7	10 58 54	16°23'08	14°43	28°32	28°19	12°25	19°45	27° 4	16°52	2°52	22°31	2°43	1°21	3°54	7°19	F 7
S 8	11 2 50	17°23'12	26°53	0♓ 8	27°58	12°14	19°44	27° 5	16°51	2°51	22°32	2°35	1°17	4° 1	7°22	S 8
S 9	11 6 47	18°23'15	9♏12	1°45	27°40	12° 3	19°42	27° 6	16°50	2°50	22°33	2°28	1°14	4° 7	7°26	S 9
M10	11 10 43	19°23'16	21°43	3°23	27°24	11°54	19°41	27° 7	16°49	2°49	22°33	2°22	1°11	4°14	7°29	M10
T 11	11 14 40	20°23'16	4♐29	5° 3	27°11	11°45	19°40	27° 8	16°49	2°48	22°34	2°18	1° 8	4°21	7°33	T 11
W12	11 18 37	21°23'14	17°33	6°43	27° 0	11°37	19°39	27°10	16°48	2°47	22°35	2°D17	1° 5	4°27	7°36	W12
T 13	11 22 33	22°23'10	0♑56	8°25	26°52	11°30	19°38	27°11	16°47	2°46	22°36	2°17	1° 2	4°34	7°40	T 13
F 14	11 26 30	23°23'05	14°43	10° 7	26°46	11°23	19°38	27°13	16°47	2°45	22°36	2°18	0°58	4°41	7°43	F 14
S 15	11 30 26	24°22'58	28°54	11°51	26°43	11°18	19°38	27°15	16°46	2°43	22°37	2°R19	0°55	4°47	7°47	S 15
S 16	11 34 23	25°22'50	13♒28	13°36	26°D42	11°13	19°D38	27°16	16°46	2°42	22°38	2°19	0°52	4°54	7°50	S 16
M17	11 38 19	26°22'40	28°23	15°22	26°44	11° 9	19°38	27°18	16°45	2°41	22°39	2°16	0°49	5° 1	7°54	M17
T 18	11 42 16	27°22'27	13♓30	17°10	26°48	11° 6	19°38	27°21	16°45	2°40	22°40	2°11	0°46	5° 7	7°57	T 18
W19	11 46 12	28°22'13	28°42	18°59	26°54	11° 3	19°39	27°23	16°44	2°38	22°40	2° 4	0°43	5°14	8° 1	W19
T 20	11 50 9	29°21'57	13♈47	20°48	27° 2	11° 1	19°39	27°25	16°44	2°37	22°41	1°55	0°39	5°21	8° 4	T 20
F 21	11 54 6	0♈21'39	28°37	22°39	27°13	11° 0	19°40	27°27	16°44	2°36	22°42	1°46	0°36	5°27	8° 8	F 21
S 22	11 58 2	1°21'19	13♉ 3	24°32	27°26	11°D 0	19°41	27°30	16°44	2°34	22°43	1°37	0°33	5°34	8°11	S 22
S 23	12 1 59	2°20'57	27° 0	26°25	27°40	11° 1	19°43	27°33	16°44	2°33	22°44	1°30	0°30	5°41	8°15	S 23
M24	12 5 55	3°20'32	10♊27	28°20	27°57	11° 2	19°44	27°35	16°44	2°32	22°45	1°26	0°27	5°47	8°19	M24
T 25	12 9 52	4°20'05	23°26	0♈16	28°16	11° 4	19°46	27°38	16°D44	2°30	22°46	1°23	0°23	5°54	8°22	T 25
W26	12 13 48	5°19'36	6♋ 1	2°13	28°37	11° 6	19°48	27°41	16°44	2°29	22°47	1°D23	0°20	6° 1	8°26	W26
T 27	12 17 45	6°19'05	18°17	4°11	28°59	11°10	19°50	27°44	16°44	2°28	22°48	1°23	0°17	6° 7	8°29	T 27
F 28	12 21 41	7°18'31	0♌18	6°10	29°23	11°14	19°52	27°47	16°44	2°26	22°49	1°R23	0°14	6°14	8°33	F 28
S 29	12 25 38	8°17'55	12°10	8°11	29°49	11°18	19°55	27°50	16°44	2°25	22°50	1°23	0°11	6°21	8°37	S 29
S 30	12 29 35	9°17'17	23°57	10°12	0♓17	11°24	19°57	27°54	16°44	2°23	22°51	1°20	0° 8	6°27	8°40	S 30
M31	12 33 31	10♈16'36	5♍45	12♈14	0♓46	11♌30	20♋ 0	27♊57	16♋45	2♏22	22♉52	1♒15	0♒ 4	6♍34	8♈44	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s41	19n21	0s 1	16s38	1s42	2s55	8n43	20n43	4n14	22n22	0n26	22n26	0s57	22n48	0n27	10s50	1n45	4n13	14s37	19s25	19s47	7n48	5n 5	2n31
S 2	7 18	15 13	1 5	16 14	1 46	3 9	8 40	20 46	4 12	22 22	0 26	22 27	0 57	22 48	0 27	10 50	1 46	4 13	14 37	19 25	19 47	7 45	5 6	2 31
M 3	6 55	10 30	2 6	15 49	1 51	3 23	8 36	20 49	4 10	22 22	0 26	22 27	0 57	22 48	0 27	10 50	1 46	4 14	14 36	19 26	19 48	7 41	5 7	2 31
T 4	6 32	5 26	3 2	15 22	1 55	3 38	8 31	20 51	4 8	22 23	0 26	22 27	0 56	22 48	0 27	10 49	1 46	4 14	14 36	19 27	19 49	7 38	5 8	2 30
W 5	6 9	0 9	3 49	14 54	1 58	3 52	8 26	20 53	4 6	22 23	0 26	22 27	0 56	22 49	0 27	10 49	1 46	4 15	14 36	19 29	19 49	7 35	5 9	2 30
T 6	5 45	5s 9	4 27	14 25	2 2	4 6	8 20	20 55	4 4	22 24	0 26	22 27	0 56	22 49	0 27	10 49	1 46	4 15	14 36	19 31	19 50	7 32	5 11	2 30
F 7	5 22	10 18	4 53	13 55	2 4	4 20	8 13	20 56	4 2	22 24	0 26	22 28	0 56	22 49	0 27	10 48	1 46	4 15	14 35	19 32	19 51	7 29	5 12	2 30
S 8	4 59	15 7	5 7	13 24	2 7	4 34	8 5	20 57	4 0	22 24	0 26	22 28	0 56	22 49	0 27	10 48	1 46	4 16	14 35	19 34	19 52	7 26	5 13	2 30
S 9	4 35	19 23	5 6	12 51	2 9	4 48	7 57	20 58	3 58	22 24	0 26	22 28	0 55	22 49	0 27	10 47	1 46	4 16	14 35	19 36	19 52	7 23	5 14	2 30
M10	4 12	22 52	4 51	12 17	2 10	5 1	7 49	20 59	3 56	22 25	0 26	22 28	0 55	22 49	0 27	10 47	1 46	4 17	14 34	19 37	19 53	7 20	5 16	2 30
T 11	3 48	25 18	4 21	11 42	2 12	5 14	7 40	20 59	3 53	22 25	0 26	22 29	0 55	22 49	0 27	10 47	1 46	4 17	14 34	19 38	19 54	7 17	5 17	2 30
W12	3 25	26 27	3 37	11 5	2 12	5 26	7 31	20 59	3 51	22 25	0 26	22 29	0 55	22 49	0 27	10 46	1 46	4 18	14 34	19 38	19 54	7 14	5 18	2 30
T 13	3 1	26 6	2 41	10 28	2 13	5 38	7 21	20 59	3 49	22 25	0 26	22 29	0 55	22 49	0 27	10 46	1 46	4 18	14 34	19 38	19 55	7 11	5 20	2 29
F 14	2 38	24 10	1 33	9 49	2 13	5 49	7 11	20 59	3 47	22 25	0 26	22 29	0 55	22 49	0 27	10 45	1 46	4 19	14 33	19 38	19 56	7 7	5 21	2 29
S 15	2 14	20 40	0 18	9 9	2 12	6 0	7 0	20 58	3 44	22 25	0 26	22 29	0 54	22 49	0 27	10 45	1 46	4 19	14 33	19 38	19 56	7 4	5 22	2 29
S 16	1 50	15 49	1n 0	8 28	2 11	6 10	6 50	20 57	3 42	22 25	0 26	22 30	0 54	22 49	0 27	10 44	1 46	4 19	14 33	19 38	19 57	7 1	5 23	2 29
M17	1 26	9 55	2 15	7 45	2 10	6 20	6 39	20 56	3 40	22 25	0 26	22 30	0 54	22 49	0 27	10 44	1 46	4 20	14 32	19 39	19 58	6 58	5 25	2 29
T 18	1 3	3 22	3 22	7 2	2 8	6 29	6 28	20 55	3 38	22 25	0 26	22 30	0 54	22 50	0 27	10 43	1 46	4 20	14 32	19 40	19 59	6 55	5 26	2 29
W19	0 39	3n23	4 15	6 17	2 5	6 37	6 17	20 54	3 35	22 25	0 26	22 30	0 54	22 50	0 27	10 43	1 46	4 21	14 32	19 41	19 59	6 52	5 27	2 29
T 20	0 15	9 53	4 50	5 31	2 2	6 45	6 6	20 52	3 33	22 25	0 26	22 31	0 53	22 50	0 27	10 43	1 46	4 21	14 32	19 43	20 0	6 49	5 29	2 29
F 21	0n 9	15 43	5 4	4 44	1 59	6 52	5 55	20 50	3 31	22 25	0 26	22 31	0 53	22 50	0 27	10 42	1 46	4 22	14 31	19 45	20 1	6 46	5 30	2 29
S 22	0 32	20 29	4 59	3 56	1 55	6 58	5 44	20 48	3 28	22 25	0 26	22 31	0 53	22 50	0 27	10 42	1 46	4 22	14 31	19 47	20 1	6 43	5 31	2 29
S 23	0 56	23 57	4 36	3 7	1 51	7 4	5 33	20 45	3 26	22 25	0 26	22 31	0 53	22 50	0 27	10 41	1 46	4 23	14 31	19 49	20 2	6 40	5 33	2 29
M24	1 20	25 55	3 58	2 17	1 46	7 9	5 21	20 43	3 24	22 25	0 26	22 32	0 53	22 50	0 27	10 41	1 46	4 23	14 31	19 50	20 3	6 36	5 34	2 28
T 25	1 43	26 24	3 8	1 26	1 40	7 13	5 10	20 40	3 21	22 24	0 27	22 32	0 52	22 50	0 27	10 40	1 47	4 24	14 30	19 50	20 3	6 33	5 35	2 28
W26	2 7	25 28	2 11	0 34	1 34	7 16	4 59	20 37	3 19	22 24	0 27	22 32	0 52	22 50	0 27	10 40	1 47	4 24	14 30	19 50	20 4	6 30	5 37	2 28
T 27	2 30	23 20	1 9	0n19	1 28	7 19	4 48	20 34	3 17	22 24	0 27	22 32	0 52	22 50	0 27	10 39	1 47	4 25	14 30	19 50	20 5	6 27	5 38	2 28
F 28	2 54	20 10	0 6	1 13	1 20	7 21	4 37	20 31	3 15	22 24	0 27	22 33	0 52	22 49	0 27	10 39	1 47	4 25	14 30	19 50	20 5	6 24	5 39	2 28
S 29	3 17	16 13	0s57	2 7	1 13	7 22	4 26	20 27	3 12	22 23	0 27	22 33	0 52	22 49	0 27	10 38	1 47	4 25	14 29	19 50	20 6	6 21	5 41	2 28
S 30	3 41	11 41	1 57	3 2	1 5	7 23	4 15	20 24	3 10	22 23	0 27	22 33	0 51	22 49	0 27	10 37	1 47	4 26	14 29	19 51	20 7	6 18	5 42	2 28
M31	4n 4	6n44	2s52	3n58	0s56	7s23	4n 5	20n20	3n 8	22n23	0n27	22n33	0s51	22n49	0n27	10s37	1n47	4n26	14s29	19s52	20s 7	6n15	5n44	2n28

Julian Day Number = 2495798.5, Delta T = 103.91 sec
Ecliptic obliquity = 23°25'30, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°26'00, Lahiri = 25°33'00

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ASTRODIENST EPHEMERIS for the year 2121
geocentric

APRIL 2121 — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n27	1n32	3s40	4n54	0s47	7s22	3n54	20n16	3n 6	22n22	0n27	22n33	0s51	22n49	0n27	10s36	1n47	4n27	14s29	19s54	20s 8	6n12	5n45	2n28
W 2	4 50	3s46	4 18	5 50	0 38	7 21	3 43	20 12	3 3	22 22	0 27	22 34	0 51	22 49	0 27	10 36	1 47	4 27	14 28	19 56	20 9	6 8	5 46	2 28
T 3	5 13	8 57	4 45	6 46	0 28	7 19	3 33	20 7	3 1	22 21	0 27	22 34	0 51	22 49	0 27	10 35	1 47	4 28	14 28	19 59	20 9	6 5	5 48	2 28
F 4	5 36	13 52	4 59	7 43	0 17	7 16	3 23	20 3	2 59	22 21	0 27	22 34	0 51	22 49	0 27	10 35	1 47	4 28	14 28	20 2	20 10	6 2	5 49	2 28
S 5	5 59	18 17	4 59	8 39	0 7	7 12	3 13	19 58	2 57	22 20	0 27	22 34	0 50	22 49	0 27	10 34	1 47	4 29	14 28	20 4	20 11	5 59	5 50	2 28
S 6	6 22	21 58	4 45	9 34	0n 4	7 8	3 3	19 53	2 55	22 20	0 27	22 35	0 50	22 49	0 27	10 34	1 47	4 29	14 28	20 7	20 11	5 56	5 52	2 28
M 7	6 45	24 39	4 17	10 29	0 15	7 3	2 53	19 48	2 53	22 19	0 27	22 35	0 50	22 49	0 27	10 33	1 47	4 30	14 27	20 9	20 12	5 53	5 53	2 28
T 8	7 7	26 5	3 35	11 23	0 27	6 58	2 43	19 43	2 51	22 18	0 27	22 35	0 50	22 49	0 27	10 33	1 47	4 30	14 27	20 10	20 13	5 50	5 54	2 28
W 9	7 30	26 6	2 41	12 16	0 38	6 52	2 34	19 38	2 48	22 18	0 27	22 35	0 50	22 49	0 27	10 32	1 47	4 30	14 27	20 11	20 13	5 47	5 56	2 28
T 10	7 52	24 35	1 38	13 7	0 50	6 45	2 24	19 33	2 46	22 17	0 27	22 35	0 50	22 48	0 27	10 31	1 47	4 31	14 27	20 11	20 14	5 44	5 57	2 27
F 11	8 14	21 37	0 27	13 57	1 1	6 38	2 15	19 27	2 44	22 16	0 27	22 36	0 49	22 48	0 27	10 31	1 47	4 31	14 27	20 11	20 15	5 41	5 58	2 27
S 12	8 36	17 20	0n47	14 45	1 12	6 30	2 6	19 21	2 42	22 16	0 27	22 36	0 49	22 48	0 27	10 30	1 47	4 32	14 26	20 11	20 15	5 37	6 0	2 27
S 13	8 58	11 59	1 59	15 32	1 23	6 22	1 57	19 16	2 40	22 15	0 27	22 36	0 49	22 48	0 27	10 30	1 47	4 32	14 26	20 12	20 16	5 34	6 1	2 27
M14	9 20	5 52	3 5	16 16	1 34	6 13	1 48	19 10	2 38	22 14	0 27	22 36	0 49	22 48	0 27	10 29	1 47	4 33	14 26	20 12	20 17	5 31	6 3	2 27
T 15	9 41	0n37	4 0	16 58	1 44	6 3	1 40	19 4	2 36	22 13	0 27	22 37	0 49	22 48	0 27	10 29	1 47	4 33	14 26	20 14	20 17	5 28	6 4	2 27
W16	10 3	7 7	4 38	17 38	1 53	5 53	1 31	18 57	2 34	22 13	0 27	22 37	0 49	22 48	0 27	10 28	1 47	4 34	14 26	20 16	20 18	5 25	6 5	2 27
T 17	10 24	13 11	4 58	18 15	2 3	5 42	1 23	18 51	2 32	22 12	0 27	22 37	0 48	22 47	0 27	10 27	1 47	4 34	14 26	20 18	20 19	5 22	6 7	2 27
F 18	10 45	18 26	4 58	18 50	2 11	5 31	1 15	18 44	2 30	22 11	0 27	22 37	0 48	22 47	0 27	10 27	1 47	4 34	14 25	20 20	20 19	5 19	6 8	2 27
S 19	11 6	22 29	4 38	19 22	2 19	5 20	1 7	18 38	2 29	22 10	0 27	22 37	0 48	22 47	0 27	10 26	1 47	4 35	14 25	20 23	20 20	5 16	6 9	2 27
S 20	11 27	25 6	4 3	19 51	2 26	5 7	0 59	18 31	2 27	22 9	0 27	22 37	0 48	22 47	0 27	10 26	1 47	4 35	14 25	20 25	20 21	5 13	6 11	2 27
M21	11 47	26 9	3 14	20 18	2 32	4 55	0 52	18 24	2 25	22 8	0 27	22 38	0 48	22 47	0 27	10 25	1 47	4 36	14 25	20 26	20 21	5 9	6 12	2 27
T 22	12 7	25 42	2 17	20 42	2 37	4 42	0 44	18 17	2 23	22 7	0 27	22 38	0 48	22 47	0 27	10 25	1 47	4 36	14 25	20 27	20 22	5 6	6 13	2 27
W23	12 28	23 54	1 15	21 4	2 42	4 28	0 37	18 10	2 21	22 6	0 27	22 38	0 47	22 46	0 27	10 24	1 47	4 37	14 25	20 27	20 23	5 3	6 15	2 27
T 24	12 48	21 0	0 10	21 22	2 45	4 14	0 30	18 3	2 19	22 5	0 27	22 38	0 47	22 46	0 27	10 24	1 47	4 37	14 25	20 27	20 23	5 0	6 16	2 27
F 25	13 7	17 15	0s53	21 39	2 47	4 0	0 23	17 55	2 17	22 4	0 27	22 38	0 47	22 46	0 27	10 23	1 47	4 37	14 24	20 27	20 24	4 57	6 17	2 27
S 26	13 27	12 52	1 54	21 52	2 49	3 45	0 16	17 48	2 16	22 3	0 27	22 39	0 47	22 46	0 27	10 22	1 47	4 38	14 24	20 28	20 25	4 54	6 18	2 27
S 27	13 46	8 2	2 49	22 3	2 49	3 29	0 9	17 40	2 14	22 2	0 27	22 39	0 47	22 45	0 27	10 22	1 47	4 38	14 24	20 28	20 25	4 51	6 20	2 27
M28	14 5	2 55	3 37	22 11	2 48	3 14	0 3	17 32	2 12	22 0	0 27	22 39	0 47	22 45	0 27	10 21	1 47	4 39	14 24	20 29	20 26	4 48	6 21	2 27
T 29	14 24	2s19	4 15	22 17	2 46	2 58	0s 4	17 24	2 10	21 59	0 27	22 39	0 47	22 45	0 27	10 21	1 47	4 39	14 24	20 31	20 26	4 45	6 22	2 27
W30	14n42	7s32	4s43	22n20	2n42	2s41	0s10	17n16	2n 9	21n58	0n27	22n39	0s46	22n45	0n26	10s20	1n47	4n39	14s24	20s32	20s27	4n41	6n24	2n27

Julian Day Number = 2495829.5, Delta T = 103.95 sec
Ecliptic obliquity = 23°25'30, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°26'04, Lahiri = 25°33'04

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ASTRODIENST EPHEMERIS for the year 2121
geocentric

MAY 2121 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 44	10♉39'38	20♎17	28♉21	24♓34	18♌59	22♋49	0♋25	17♋20	1°R32	23♉29	27°R50	28♏26	10♍ 1	10♈31	T 1
F 2	14 39 41	11°37'55	2♏43	28°38	25°31	19°20	22°57	0°31	17°22	1♏30	23°30	27♏38	28°23	10° 8	10°34	F 2
S 3	14 43 37	12°36'10	15°22	28°48	26°28	19°42	23° 5	0°37	17°23	1°29	23°32	27°25	28°20	10°14	10°37	S 3
S 4	14 47 34	13°34'23	28°14	28°54	27°26	20° 4	23°13	0°44	17°26	1°27	23°33	27°13	28°16	10°21	10°40	S 4
M 5	14 51 30	14°32'34	11♐17	28°R54	28°25	20°26	23°21	0°50	17°28	1°26	23°34	27° 4	28°13	10°28	10°43	M 5
T 6	14 55 27	15°30'44	24°32	28°49	29°23	20°48	23°30	0°56	17°30	1°24	23°36	26°58	28°10	10°35	10°46	T 6
W 7	14 59 24	16°28'53	7♑58	28°39	0♈22	21°11	23°38	1° 2	17°32	1°22	23°37	26°54	28° 7	10°41	10°49	W 7
T 8	15 3 20	17°27'00	21°34	28°24	1°22	21°34	23°47	1° 9	17°34	1°21	23°38	26°D53	28° 4	10°48	10°52	T 8
F 9	15 7 17	18°25'05	5♒21	28° 5	2°22	21°58	23°55	1°15	17°36	1°19	23°40	26°53	28° 0	10°55	10°55	F 9
S 10	15 11 13	19°23'09	19°18	27°42	3°22	22°21	24° 4	1°21	17°38	1°18	23°41	26°R53	27°57	11° 1	10°58	S 10
S 11	15 15 10	20°21'12	3♓27	27°15	4°22	22°45	24°13	1°28	17°41	1°16	23°43	26°52	27°54	11° 8	11° 1	S 11
M12	15 19 6	21°19'14	17°45	26°46	5°23	23° 9	24°22	1°34	17°43	1°15	23°44	26°50	27°51	11°15	11° 4	M12
T 13	15 23 3	22°17'14	2♈10	26°14	6°24	23°34	24°31	1°41	17°45	1°13	23°45	26°45	27°48	11°21	11° 7	T 13
W14	15 26 59	23°15'12	16°38	25°40	7°26	23°59	24°40	1°48	17°48	1°12	23°47	26°38	27°45	11°28	11°10	W14
T 15	15 30 56	24°13'10	1♉ 4	25° 5	8°28	24°24	24°50	1°54	17°50	1°10	23°48	26°29	27°41	11°35	11°13	T 15
F 16	15 34 53	25°11'06	15°22	24°29	9°30	24°49	24°59	2° 1	17°53	1° 9	23°49	26°19	27°38	11°41	11°16	F 16
S 17	15 38 49	26° 9'01	29°25	23°53	10°32	25°14	25° 9	2° 8	17°55	1° 7	23°51	26° 9	27°35	11°48	11°18	S 17
S 18	15 42 46	27° 6'54	13♊ 9	23°18	11°34	25°40	25°18	2°15	17°58	1° 6	23°52	26° 1	27°32	11°55	11°21	S 18
M19	15 46 42	28° 4'46	26°31	22°44	12°37	26° 6	25°28	2°22	18° 1	1° 4	23°53	25°56	27°29	12° 1	11°24	M19
T 20	15 50 39	29° 2'36	9♋30	22°12	13°40	26°32	25°38	2°29	18° 3	1° 3	23°55	25°52	27°26	12° 8	11°27	T 20
W21	15 54 35	0♊ 0'25	22° 7	21°42	14°43	26°59	25°48	2°36	18° 6	1° 2	23°56	25°D51	27°22	12°15	11°29	W21
T 22	15 58 32	0°58'12	4♌26	21°15	15°47	27°26	25°58	2°43	18° 9	1° 0	23°57	25°51	27°19	12°21	11°32	T 22
F 23	16 2 29	1°55'57	16°31	20°52	16°51	27°53	26° 8	2°50	18°11	0°59	23°59	25°52	27°16	12°28	11°34	F 23
S 24	16 6 25	2°53'41	28°26	20°31	17°54	28°20	26°18	2°57	18°14	0°58	24° 0	25°R53	27°13	12°35	11°37	S 24
S 25	16 10 22	3°51'23	10♍17	20°15	18°59	28°47	26°29	3° 4	18°17	0°56	24° 1	25°53	27°10	12°41	11°39	S 25
M26	16 14 18	4°49'03	22° 9	20° 3	20° 3	29°15	26°39	3°11	18°20	0°55	24° 3	25°51	27° 6	12°48	11°42	M26
T 27	16 18 15	5°46'42	4♎ 6	19°54	21° 7	29°42	26°50	3°18	18°23	0°54	24° 4	25°47	27° 3	12°55	11°44	T 27
W28	16 22 11	6°44'20	16°13	19°D51	22°12	0♍10	27° 0	3°26	18°26	0°52	24° 5	25°41	27° 0	13° 2	11°47	W28
T 29	16 26 8	7°41'56	28°33	19°51	23°17	0°38	27°11	3°33	18°28	0°51	24° 7	25°34	26°57	13° 8	11°49	T 29
F 30	16 30 4	8°39'31	11♏ 9	19°56	24°22	1° 7	27°22	3°40	18°31	0°50	24° 8	25°26	26°54	13°15	11°51	F 30
S 31	16 34 1	9♊37'05	24♏ 2	20♉ 6	25♈27	1♍35	27♋32	3♋48	18♋34	0♏49	24♉ 9	25♑18	26♑51	13♍22	11♈53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 1	12s31	4s58	22n21	2n38	2s24	0s16	17n 8	2n 7	21n57	0n27	22n39	0s46	22n44	0n26	10s20	1n47	4n40	14s24	20s35	20s28	4n38	6n25	2n27
F 2	15 19	17 6	5 0	22 19	2 32	2 7	0 22	17 0	2 5	21 55	0 27	22 39	0 46	22 44	0 26	10 19	1 47	4 40	14 24	20 37	20 28	4 35	6 26	2 27
S 3	15 37	21 0	4 46	22 14	2 25	1 49	0 28	16 51	2 4	21 54	0 27	22 39	0 46	22 44	0 26	10 18	1 47	4 41	14 24	20 40	20 29	4 32	6 27	2 27
S 4	15 54	23 57	4 18	22 7	2 17	1 32	0 33	16 43	2 2	21 53	0 27	22 40	0 46	22 44	0 26	10 18	1 47	4 41	14 24	20 42	20 30	4 29	6 29	2 27
M 5	16 11	25 42	3 37	21 58	2 7	1 13	0 39	16 34	2 0	21 51	0 28	22 40	0 46	22 43	0 26	10 17	1 47	4 41	14 23	20 44	20 30	4 26	6 30	2 27
T 6	16 29	26 1	2 43	21 47	1 57	0 55	0 44	16 26	1 59	21 50	0 28	22 40	0 46	22 43	0 26	10 17	1 47	4 42	14 23	20 45	20 31	4 23	6 31	2 27
W 7	16 45	24 50	1 39	21 33	1 45	0 36	0 49	16 17	1 57	21 49	0 28	22 40	0 45	22 43	0 26	10 16	1 47	4 42	14 23	20 46	20 32	4 20	6 32	2 27
T 8	17 2	22 10	0 28	21 17	1 32	0 17	0 54	16 8	1 56	21 47	0 28	22 40	0 45	22 42	0 26	10 16	1 47	4 43	14 23	20 46	20 32	4 16	6 33	2 27
F 9	17 18	18 12	0n45	20 59	1 18	0n 2	0 59	15 59	1 54	21 46	0 28	22 40	0 45	22 42	0 26	10 15	1 47	4 43	14 23	20 46	20 33	4 13	6 35	2 27
S 10	17 34	13 11	1 56	20 40	1 3	0 22	1 3	15 50	1 53	21 44	0 28	22 40	0 45	22 42	0 26	10 15	1 47	4 43	14 23	20 46	20 33	4 10	6 36	2 27
S 11	17 49	7 25	3 2	20 18	0 47	0 42	1 8	15 40	1 51	21 43	0 28	22 40	0 45	22 42	0 26	10 14	1 47	4 44	14 23	20 46	20 34	4 7	6 37	2 27
M12	18 5	1 13	3 56	19 56	0 31	1 2	1 12	15 31	1 50	21 41	0 28	22 40	0 45	22 41	0 26	10 14	1 47	4 44	14 23	20 47	20 35	4 4	6 38	2 27
T 13	18 20	5n 5	4 36	19 32	0 14	1 22	1 17	15 21	1 48	21 40	0 28	22 40	0 45	22 41	0 26	10 13	1 47	4 44	14 23	20 48	20 35	4 1	6 39	2 27
W14	18 35	11 8	4 59	19 7	0s 3	1 43	1 21	15 12	1 47	21 38	0 28	22 40	0 44	22 41	0 26	10 13	1 47	4 45	14 23	20 49	20 36	3 58	6 40	2 27
T 15	18 49	16 34	5 3	18 42	0 20	2 3	1 25	15 2	1 45	21 36	0 28	22 40	0 44	22 40	0 26	10 12	1 47	4 45	14 23	20 51	20 37	3 55	6 42	2 27
F 16	19 3	21 0	4 47	18 16	0 38	2 24	1 28	14 52	1 44	21 35	0 28	22 40	0 44	22 40	0 26	10 12	1 47	4 45	14 23	20 53	20 37	3 52	6 43	2 27
S 17	19 17	24 9	4 14	17 50	0 56	2 45	1 32	14 42	1 42	21 33	0 28	22 40	0 44	22 40	0 26	10 11	1 47	4 46	14 23	20 54	20 38	3 48	6 44	2 27
S 18	19 30	25 48	3 28	17 25	1 13	3 6	1 36	14 32	1 41	21 31	0 28	22 40	0 44	22 39	0 26	10 11	1 47	4 46	14 23	20 56	20 39	3 45	6 45	2 27
M19	19 43	25 53	2 30	17 0	1 30	3 28	1 39	14 22	1 39	21 29	0 28	22 40	0 44	22 39	0 26	10 10	1 47	4 46	14 23	20 57	20 39	3 42	6 46	2 27
T 20	19 56	24 31	1 27	16 36	1 46	3 49	1 42	14 12	1 38	21 28	0 28	22 40	0 44	22 39	0 26	10 10	1 47	4 47	14 23	20 58	20 40	3 39	6 47	2 27
W21	20 8	21 56	0 20	16 14	2 1	4 11	1 45	14 1	1 37	21 26	0 28	22 40	0 44	22 38	0 26	10 9	1 47	4 47	14 23	20 58	20 40	3 36	6 48	2 27
T 22	20 20	18 24	0s46	15 52	2 16	4 32	1 48	13 51	1 35	21 24	0 28	22 40	0 43	22 38	0 26	10 9	1 47	4 47	14 23	20 58	20 41	3 33	6 49	2 27
F 23	20 32	14 9	1 49	15 33	2 30	4 54	1 51	13 40	1 34	21 22	0 28	22 40	0 43	22 37	0 26	10 9	1 47	4 48	14 23	20 58	20 42	3 30	6 50	2 27
S 24	20 43	9 25	2 46	15 15	2 43	5 16	1 54	13 30	1 32	21 20	0 28	22 40	0 43	22 37	0 26	10 8	1 47	4 48	14 23	20 57	20 42	3 27	6 51	2 27
S 25	20 54	4 23	3 36	14 59	2 55	5 38	1 56	13 19	1 31	21 18	0 28	22 40	0 43	22 37	0 26	10 8	1 47	4 48	14 23	20 57	20 43	3 24	6 52	2 28
M26	21 5	0s49	4 16	14 46	3 5	6 0	1 59	13 8	1 30	21 16	0 28	22 40	0 43	22 36	0 26	10 7	1 47	4 48	14 23	20 58	20 43	3 20	6 53	2 28
T 27	21 15	6 0	4 46	14 34	3 15	6 22	2 1	12 57	1 28	21 14	0 28	22 40	0 43	22 36	0 26	10 7	1 46	4 49	14 23	20 59	20 44	3 17	6 54	2 28
W28	21 25	11 2	5 3	14 25	3 24	6 44	2 3	12 46	1 27	21 12	0 28	22 40	0 43	22 35	0 26	10 6	1 46	4 49	14 23	21 0	20 45	3 14	6 55	2 28
T 29	21 35	15 44	5 7	14 18	3 31	7 6	2 5	12 35	1 26	21 10	0 28	22 40	0 43	22 35	0 26	10 6	1 46	4 49	14 23	21 1	20 45	3 11	6 56	2 28
F 30	21 44	19 51	4 56	14 13	3 37	7 28	2 7	12 23	1 25	21 8	0 28	22 40	0 42	22 35	0 26	10 6	1 46	4 49	14 23	21 2	20 46	3 8	6 57	2 28
S 31	21n53	23s 8	4s30	14n11	3s42	7n50	2s 9	12n12	1n23	21n 6	0n28	22n40	0s42	22n34	0n26	10s 5	1n46	4n50	14s23	21s 4	20s47	3n 5	6n58	2n28

Julian Day Number = 2495859.5, Delta T = 104.00 sec
Ecliptic obliquity = 23°25'29, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°26'08, Lahiri = 25°33'08

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ASTRODIENST EPHEMERIS for the year 2121
geocentric

JUNE 2121 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 57	10♊34'37	7♐12	20♉20	26♈33	2♍ 4	27♋43	3♋55	18♋37	0°R48	24♉11	25°R11	26♏47	13♍28	11♈56	S 1
M 2	16 41 54	11°32'08	20°37	20°39	27°38	2°33	27°54	4° 2	18°41	0♏46	24°12	25♏ 5	26°44	13°35	11°58	M 2
T 3	16 45 51	12°29'39	4♏16	21° 2	28°44	3° 2	28° 5	4°10	18°44	0°45	24°13	25° 2	26°41	13°42	12° 0	T 3
W 4	16 49 47	13°27'08	18° 5	21°29	29°50	3°31	28°17	4°17	18°47	0°44	24°15	25° 0	26°38	13°48	12° 2	W 4
T 5	16 53 44	14°24'37	2♒ 3	22° 1	0♉56	4° 0	28°28	4°25	18°50	0°43	24°16	25°D 0	26°35	13°55	12° 4	T 5
F 6	16 57 40	15°22'05	16° 8	22°36	2° 2	4°30	28°39	4°32	18°53	0°42	24°17	25° 1	26°32	14° 2	12° 6	F 6
S 7	17 1 37	16°19'32	0♓16	23°16	3° 8	5° 0	28°50	4°40	18°56	0°41	24°18	25° 2	26°28	14° 8	12° 8	S 7
S 8	17 5 33	17°16'58	14°27	23°59	4°15	5°30	29° 2	4°47	18°59	0°40	24°20	25°R 3	26°25	14°15	12°10	S 8
M 9	17 9 30	18°14'24	28°39	24°47	5°21	6° 0	29°13	4°55	19° 3	0°39	24°21	25° 3	26°22	14°22	12°12	M 9
T 10	17 13 27	19°11'49	12♈49	25°38	6°28	6°30	29°25	5° 3	19° 6	0°38	24°22	25° 1	26°19	14°28	12°14	T 10
W11	17 17 23	20° 9'13	26°56	26°33	7°35	7° 0	29°37	5°10	19° 9	0°37	24°23	24°57	26°16	14°35	12°15	W11
T 12	17 21 20	21° 6'37	10♉55	27°31	8°42	7°31	29°48	5°18	19°13	0°36	24°25	24°53	26°12	14°42	12°17	T 12
F 13	17 25 16	22° 4'01	24°45	28°33	9°49	8° 1	29°59	5°25	19°16	0°35	24°26	24°48	26° 9	14°49	12°19	F 13
S 14	17 29 13	23° 1'24	8♊22	29°39	10°57	8°32	0♌12	5°33	19°19	0°34	24°27	24°43	26° 6	14°55	12°21	S 14
S 15	17 33 9	23°58'46	21°44	0♊47	12° 4	9° 3	0°24	5°41	19°23	0°34	24°28	24°39	26° 3	15° 2	12°22	S 15
M16	17 37 6	24°56'08	4♋49	1°59	13°12	9°34	0°36	5°49	19°26	0°33	24°30	24°36	26° 0	15° 9	12°24	M16
T 17	17 41 2	25°53'29	17°36	3°15	14°19	10° 6	0°48	5°56	19°29	0°32	24°31	24°34	25°57	15°15	12°25	T 17
W18	17 44 59	26°50'49	0♌ 6	4°33	15°27	10°37	1° 0	6° 4	19°33	0°31	24°32	24°D34	25°53	15°22	12°27	W18
T 19	17 48 56	27°48'09	12°21	5°55	16°35	11° 9	1°12	6°12	19°36	0°30	24°33	24°35	25°50	15°29	12°28	T 19
F 20	17 52 52	28°45'27	24°25	7°20	17°43	11°40	1°24	6°20	19°40	0°30	24°34	24°37	25°47	15°35	12°29	F 20
S 21	17 56 49	29°42'45	6♍20	8°48	18°51	12°12	1°36	6°27	19°43	0°29	24°35	24°39	25°44	15°42	12°31	S 21
S 22	18 0 45	0♋40'02	18°12	10°19	19°59	12°44	1°48	6°35	19°47	0°28	24°37	24°40	25°41	15°49	12°32	S 22
M23	18 4 42	1°37'18	0♎ 4	11°54	21° 7	13°16	2° 1	6°43	19°50	0°28	24°38	24°R41	25°38	15°55	12°33	M23
T 24	18 8 38	2°34'34	12° 2	13°31	22°16	13°49	2°13	6°51	19°54	0°27	24°39	24°40	25°34	16° 2	12°34	T 24
W25	18 12 35	3°31'49	24°10	15°11	23°24	14°21	2°25	6°58	19°57	0°27	24°40	24°39	25°31	16° 9	12°35	W25
T 26	18 16 31	4°29'03	6♏33	16°54	24°33	14°53	2°38	7° 6	20° 1	0°26	24°41	24°37	25°28	16°16	12°37	T 26
F 27	18 20 28	5°26'17	19°14	18°41	25°41	15°26	2°50	7°14	20° 4	0°26	24°42	24°34	25°25	16°22	12°38	F 27
S 28	18 24 25	6°23'30	2♐15	20°30	26°50	15°59	3° 3	7°22	20° 8	0°25	24°43	24°32	25°22	16°29	12°38	S 28
S 29	18 28 21	7°20'43	15°37	22°22	27°59	16°32	3°15	7°30	20°11	0°25	24°44	24°29	25°18	16°36	12°39	S 29
M30	18 32 18	8♋17'56	29♐19	24♊16	29♉ 8	17♍ 5	3♌28	7♋37	20♋15	0♏24	24♉45	24♏27	25♏15	16♍42	12♈40	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 1	25s16	3s49	14n11	3s46	8n12	2s11	12n 1	1n22	21n 4	0n28	22n40	0s42	22n34	0n26	10s 5	1n46	4n50	14s23	21s 5	20s47	3n 2	6n59	2n28
M 2	22 9	26 0	2 55	14 13	3 49	8 34	2 12	11 49	1 21	21 2	0 28	22 40	0 42	22 33	0 26	10 4	1 46	4 50	14 23	21 6	20 48	2 59	7 0	2 28
T 3	22 17	25 11	1 50	14 17	3 51	8 56	2 13	11 37	1 20	21 0	0 28	22 40	0 42	22 33	0 26	10 4	1 46	4 50	14 23	21 7	20 48	2 56	7 1	2 28
W 4	22 24	22 49	0 37	14 23	3 52	9 18	2 15	11 26	1 18	20 57	0 28	22 39	0 42	22 32	0 26	10 4	1 46	4 51	14 23	21 7	20 49	2 53	7 1	2 28
T 5	22 31	19 4	0n38	14 31	3 52	9 40	2 16	11 14	1 17	20 55	0 28	22 39	0 42	22 32	0 26	10 3	1 46	4 51	14 23	21 7	20 50	2 49	7 2	2 28
F 6	22 37	14 12	1 52	14 41	3 52	10 2	2 17	11 2	1 16	20 53	0 28	22 39	0 42	22 32	0 26	10 3	1 46	4 51	14 24	21 7	20 50	2 46	7 3	2 28
S 7	22 43	8 34	3 0	14 52	3 50	10 24	2 18	10 50	1 15	20 51	0 29	22 39	0 42	22 31	0 26	10 3	1 46	4 51	14 24	21 7	20 51	2 43	7 4	2 28
S 8	22 49	2 29	3 57	15 5	3 47	10 45	2 19	10 38	1 14	20 48	0 29	22 39	0 41	22 31	0 26	10 2	1 46	4 51	14 24	21 7	20 51	2 40	7 5	2 28
M 9	22 54	3n44	4 39	15 20	3 44	11 7	2 19	10 26	1 12	20 46	0 29	22 39	0 41	22 30	0 26	10 2	1 46	4 52	14 24	21 7	20 52	2 37	7 6	2 28
T 10	22 59	9 44	5 4	15 36	3 40	11 28	2 20	10 13	1 11	20 44	0 29	22 38	0 41	22 30	0 26	10 2	1 46	4 52	14 24	21 7	20 53	2 34	7 6	2 28
W11	23 4	15 12	5 11	15 53	3 35	11 49	2 20	10 1	1 10	20 41	0 29	22 38	0 41	22 29	0 26	10 2	1 46	4 52	14 24	21 8	20 53	2 31	7 7	2 28
T 12	23 8	19 50	4 59	16 12	3 29	12 10	2 21	9 49	1 9	20 39	0 29	22 38	0 41	22 29	0 26	10 1	1 46	4 52	14 24	21 8	20 54	2 28	7 8	2 28
F 13	23 11	23 18	4 30	16 31	3 23	12 31	2 21	9 36	1 8	20 36	0 29	22 38	0 41	22 28	0 26	10 1	1 46	4 52	14 24	21 9	20 54	2 25	7 9	2 28
S 14	23 14	25 24	3 46	16 52	3 16	12 52	2 21	9 24	1 7	20 34	0 29	22 38	0 41	22 28	0 26	10 1	1 46	4 53	14 24	21 10	20 55	2 21	7 9	2 29
S 15	23 17	26 0	2 50	17 14	3 9	13 13	2 21	9 11	1 5	20 31	0 29	22 37	0 41	22 27	0 26	10 1	1 46	4 53	14 24	21 11	20 56	2 18	7 10	2 29
M16	23 20	25 6	1 46	17 36	3 1	13 33	2 21	8 58	1 4	20 29	0 29	22 37	0 41	22 27	0 26	10 0	1 46	4 53	14 25	21 11	20 56	2 15	7 11	2 29
T 17	23 22	22 54	0 38	17 59	2 52	13 53	2 21	8 45	1 3	20 26	0 29	22 37	0 41	22 26	0 26	10 0	1 46	4 53	14 25	21 12	20 57	2 12	7 11	2 29
W18	23 23	19 37	0s30	18 22	2 43	14 13	2 20	8 32	1 2	20 24	0 29	22 37	0 40	22 26	0 26	10 0	1 46	4 53	14 25	21 12	20 57	2 9	7 12	2 29
T 19	23 24	15 33	1 36	18 46	2 33	14 33	2 20	8 19	1 1	20 21	0 29	22 36	0 40	22 25	0 26	10 0	1 46	4 53	14 25	21 11	20 58	2 6	7 12	2 29
F 20	23 25	10 55	2 37	19 10	2 24	14 52	2 20	8 6	1 0	20 18	0 29	22 36	0 40	22 25	0 26	9 59	1 46	4 53	14 25	21 11	20 58	2 3	7 13	2 29
S 21	23 25	5 56	3 30	19 34	2 13	15 11	2 19	7 53	0 59	20 16	0 29	22 36	0 40	22 24	0 26	9 59	1 45	4 54	14 25	21 11	20 59	2 0	7 14	2 29
S 22	23 25	0 47	4 13	19 58	2 3	15 30	2 18	7 40	0 58	20 13	0 29	22 36	0 40	22 24	0 26	9 59	1 45	4 54	14 25	21 11	21 0	1 57	7 14	2 29
M23	23 25	4s24	4 46	20 21	1 52	15 49	2 18	7 27	0 57	20 10	0 29	22 35	0 40	22 23	0 26	9 59	1 45	4 54	14 26	21 11	21 0	1 54	7 15	2 29
T 24	23 24	9 28	5 7	20 45	1 40	16 7	2 17	7 13	0 56	20 8	0 29	22 35	0 40	22 23	0 26	9 59	1 45	4 54	14 26	21 11	21 1	1 50	7 15	2 29
W25	23 23	14 15	5 15	21 8	1 29	16 25	2 16	7 0	0 55	20 5	0 29	22 35	0 40	22 22	0 26	9 59	1 45	4 54	14 26	21 11	21 1	1 47	7 16	2 29
T 26	23 21	18 32	5 8	21 30	1 17	16 43	2 15	6 46	0 54	20 2	0 29	22 34	0 40	22 22	0 26	9 58	1 45	4 54	14 26	21 11	21 2	1 44	7 16	2 29
F 27	23 19	22 7	4 46	21 51	1 5	17 0	2 14	6 33	0 53	19 59	0 29	22 34	0 40	22 21	0 26	9 58	1 45	4 54	14 26	21 12	21 3	1 41	7 17	2 29
S 28	23 16	24 40	4 10	22 12	0 54	17 17	2 12	6 19	0 52	19 57	0 29	22 34	0 40	22 21	0 26	9 58	1 45	4 54	14 26	21 12	21 3	1 38	7 17	2 29
S 29	23 13	25 56	3 18	22 31	0 42	17 34	2 11	6 5	0 50	19 54	0 29	22 33	0 40	22 20	0 26	9 58	1 45	4 54	14 26	21 13	21 4	1 35	7 17	2 29
M30	23n10	25s40	2s14	22n48	0s30	17n50	2s10	5n52	0n49	19n51	0n30	22n33	0s39	22n20	0n26	9s58	1n45	4n54	14s27	21s13	21s 4	1n32	7n18	2n30

Julian Day Number = 2495890.5, Delta T = 104.05 sec
Ecliptic obliquity = 23°25'28, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°26'12, Lahiri = 25°33'13

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ASTRODIENST EPHEMERIS for the year 2121
geocentric

JULY 2121 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 14	9♋15'08	13♑20	26♊13	0♊17	17♍38	3♌41	7♋45	20♋19	0°R24	24♉46	24°R26	25♑12	16♍49	12♈41	T 1
W 2	18 40 11	10°12'20	27°35	28°12	1°26	18°11	3°53	7°53	20°22	0♏24	24°47	24°D26	25° 9	16°56	12°42	W 2
T 3	18 44 7	11° 9'32	12♒ 0	0♋14	2°35	18°44	4° 6	8° 1	20°26	0°23	24°48	24♑27	25° 6	17° 2	12°43	T 3
F 4	18 48 4	12° 6'44	26°29	2°18	3°44	19°18	4°19	8° 9	20°29	0°23	24°49	24°28	25° 3	17° 9	12°43	F 4
S 5	18 52 0	13° 3'56	10♓58	4°23	4°53	19°51	4°32	8°16	20°33	0°23	24°50	24°28	24°59	17°16	12°44	S 5
S 6	18 55 57	14° 1'08	25°23	6°30	6° 3	20°25	4°44	8°24	20°37	0°23	24°51	24°29	24°56	17°22	12°44	S 6
M 7	18 59 54	14°58'21	9♈39	8°38	7°12	20°59	4°57	8°32	20°40	0°23	24°52	24°R30	24°53	17°29	12°45	M 7
T 8	19 3 50	15°55'34	23°44	10°47	8°22	21°33	5°10	8°40	20°44	0°22	24°53	24°30	24°50	17°36	12°45	T 8
W 9	19 7 47	16°52'47	7♉38	12°56	9°32	22° 7	5°23	8°48	20°48	0°22	24°54	24°29	24°47	17°43	12°46	W 9
T 10	19 11 43	17°50'00	21°18	15° 6	10°41	22°41	5°36	8°55	20°51	0°22	24°55	24°29	24°44	17°49	12°46	T 10
F 11	19 15 40	18°47'14	4♊43	17°16	11°51	23°15	5°49	9° 3	20°55	0°22	24°56	24°28	24°40	17°56	12°46	F 11
S 12	19 19 36	19°44'29	17°55	19°26	13° 1	23°49	6° 2	9°11	20°58	0°D22	24°57	24°27	24°37	18° 3	12°47	S 12
S 13	19 23 33	20°41'43	0♋53	21°36	14°11	24°24	6°15	9°19	21° 2	0°22	24°57	24°27	24°34	18° 9	12°47	S 13
M14	19 27 30	21°38'58	13°37	23°44	15°21	24°58	6°28	9°26	21° 6	0°22	24°58	24°27	24°31	18°16	12°47	M14
T 15	19 31 26	22°36'13	26° 7	25°52	16°31	25°33	6°41	9°34	21° 9	0°22	24°59	24°D27	24°28	18°23	12°47	T 15
W16	19 35 23	23°33'29	8♌26	27°59	17°42	26° 8	6°54	9°42	21°13	0°22	25° 0	24°27	24°24	18°29	12°R47	W16
T 17	19 39 19	24°30'44	20°34	0♌ 4	18°52	26°43	7° 7	9°49	21°17	0°23	25° 1	24°R27	24°21	18°36	12°47	T 17
F 18	19 43 16	25°28'00	2♍33	2° 8	20° 2	27°18	7°20	9°57	21°20	0°23	25° 1	24°27	24°18	18°43	12°47	F 18
S 19	19 47 12	26°25'16	14°27	4°11	21°13	27°53	7°34	10° 4	21°24	0°23	25° 2	24°26	24°15	18°50	12°47	S 19
S 20	19 51 9	27°22'32	26°17	6°12	22°23	28°28	7°47	10°12	21°28	0°23	25° 3	24°26	24°12	18°56	12°46	S 20
M21	19 55 5	28°19'48	8♎ 9	8°11	23°33	29° 3	8° 0	10°20	21°31	0°23	25° 4	24°26	24° 9	19° 3	12°46	M21
T 22	19 59 2	29°17'04	20° 7	10° 9	24°44	29°39	8°13	10°27	21°35	0°24	25° 4	24°25	24° 5	19°10	12°46	T 22
W23	20 2 59	0♏14'21	2♏13	12° 5	25°55	0♎14	8°26	10°35	21°39	0°24	25° 5	24°D25	24° 2	19°16	12°46	W23
T 24	20 6 55	1°11'38	14°34	13°59	27° 5	0°50	8°40	10°42	21°42	0°24	25° 6	24°26	23°59	19°23	12°45	T 24
F 25	20 10 52	2° 8'55	27°14	15°52	28°16	1°25	8°53	10°50	21°46	0°25	25° 6	24°26	23°56	19°30	12°45	F 25
S 26	20 14 48	3° 6'13	10♐15	17°43	29°27	2° 1	9° 6	10°57	21°49	0°25	25° 7	24°27	23°53	19°36	12°44	S 26
S 27	20 18 45	4° 3'31	23°41	19°32	0♋38	2°37	9°19	11° 5	21°53	0°26	25° 7	24°28	23°50	19°43	12°44	S 27
M28	20 22 41	5° 0'49	7♑31	21°19	1°49	3°13	9°32	11°12	21°57	0°26	25° 8	24°28	23°46	19°50	12°43	M28
T 29	20 26 38	5°58'08	21°45	23° 5	3° 0	3°49	9°46	11°19	22° 0	0°27	25° 9	24°R29	23°43	19°57	12°42	T 29
W30	20 30 34	6°55'28	6♒20	24°48	4°11	4°25	9°59	11°27	22° 4	0°27	25° 9	24°29	23°40	20° 3	12°42	W30
T 31	20 34 31	7♌52'48	21♒ 8	26♌30	5♋22	5♎ 1	10♌12	11♋34	22♋ 7	0♏28	25♉10	24♑28	23♑37	20♍10	12♈41	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 6	23s46	1s 1	23n 4	0s18	18n 6	2s 8	5n38	0n48	19n48	0n30	22n33	0s39	22n19	0n26	9s58	1n45	4n54	14s27	21s13	21s 5	1n29	7n18	2n30
W 2	23 2	20 21	0n17	23 18	0 7	18 22	2 7	5 24	0 47	19 45	0 30	22 32	0 39	22 19	0 26	9 58	1 45	4 54	14 27	21 13	21 5	1 26	7 19	2 30
T 3	22 57	15 39	1 36	23 30	0n 5	18 37	2 5	5 10	0 46	19 42	0 30	22 32	0 39	22 18	0 26	9 58	1 45	4 55	14 27	21 13	21 6	1 23	7 19	2 30
F 4	22 52	10 3	2 48	23 40	0 16	18 52	2 3	4 56	0 45	19 39	0 30	22 31	0 39	22 18	0 26	9 58	1 45	4 55	14 27	21 13	21 7	1 20	7 19	2 30
S 5	22 47	3 54	3 50	23 47	0 26	19 6	2 2	4 42	0 45	19 36	0 30	22 31	0 39	22 17	0 26	9 58	1 45	4 55	14 28	21 13	21 7	1 16	7 20	2 30
S 6	22 41	2n24	4 37	23 52	0 36	19 20	2 0	4 28	0 44	19 33	0 30	22 31	0 39	22 17	0 26	9 58	1 45	4 55	14 28	21 13	21 8	1 13	7 20	2 30
M 7	22 35	8 31	5 6	23 55	0 46	19 34	1 58	4 14	0 43	19 30	0 30	22 30	0 39	22 16	0 26	9 58	1 45	4 55	14 28	21 13	21 8	1 10	7 20	2 30
T 8	22 29	14 7	5 17	23 54	0 55	19 47	1 56	3 59	0 42	19 27	0 30	22 30	0 39	22 15	0 26	9 58	1 45	4 55	14 28	21 13	21 9	1 7	7 20	2 30
W 9	22 22	18 54	5 8	23 51	1 4	19 59	1 54	3 45	0 41	19 24	0 30	22 29	0 39	22 15	0 26	9 58	1 45	4 55	14 28	21 13	21 9	1 4	7 21	2 30
T 10	22 14	22 37	4 43	23 45	1 11	20 11	1 52	3 31	0 40	19 21	0 30	22 29	0 39	22 14	0 26	9 58	1 44	4 55	14 29	21 13	21 10	1 1	7 21	2 30
F 11	22 7	25 2	4 2	23 36	1 19	20 23	1 50	3 16	0 39	19 18	0 30	22 28	0 39	22 14	0 26	9 58	1 44	4 55	14 29	21 13	21 11	0 58	7 21	2 30
S 12	21 58	26 1	3 9	23 25	1 25	20 34	1 48	3 2	0 38	19 14	0 30	22 28	0 38	22 13	0 26	9 58	1 44	4 55	14 29	21 13	21 11	0 55	7 21	2 30
S 13	21 50	25 32	2 7	23 11	1 31	20 45	1 45	2 47	0 37	19 11	0 30	22 28	0 38	22 13	0 26	9 58	1 44	4 55	14 29	21 13	21 12	0 52	7 21	2 30
M14	21 41	23 43	1 0	22 54	1 35	20 55	1 43	2 33	0 36	19 8	0 30	22 27	0 38	22 12	0 26	9 58	1 44	4 55	14 29	21 13	21 12	0 49	7 21	2 31
T 15	21 32	20 46	0s 9	22 35	1 39	21 4	1 41	2 18	0 35	19 5	0 30	22 27	0 38	22 12	0 26	9 58	1 44	4 55	14 30	21 13	21 13	0 46	7 21	2 31
W16	21 22	16 54	1 17	22 14	1 43	21 13	1 38	2 4	0 34	19 2	0 30	22 26	0 38	22 11	0 26	9 58	1 44	4 54	14 30	21 13	21 13	0 43	7 21	2 31
T 17	21 12	12 25	2 20	21 50	1 45	21 22	1 36	1 49	0 33	18 58	0 31	22 26	0 38	22 10	0 26	9 58	1 44	4 54	14 30	21 13	21 14	0 39	7 22	2 31
F 18	21 2	7 30	3 16	21 25	1 47	21 30	1 33	1 34	0 32	18 55	0 31	22 25	0 38	22 10	0 26	9 58	1 44	4 54	14 30	21 13	21 15	0 36	7 22	2 31
S 19	20 51	2 23	4 3	20 57	1 48	21 37	1 31	1 19	0 31	18 52	0 31	22 25	0 38	22 9	0 26	9 59	1 44	4 54	14 31	21 13	21 15	0 33	7 22	2 31
S 20	20 40	2s48	4 40	20 28	1 49	21 44	1 28	1 5	0 30	18 48	0 31	22 24	0 38	22 9	0 26	9 59	1 44	4 54	14 31	21 13	21 16	0 30	7 22	2 31
M21	20 29	7 54	5 4	19 57	1 49	21 50	1 26	0 50	0 30	18 45	0 31	22 24	0 38	22 8	0 26	9 59	1 44	4 54	14 31	21 13	21 16	0 27	7 22	2 31
T 22	20 17	12 44	5 16	19 25	1 48	21 56	1 23	0 35	0 29	18 42	0 31	22 23	0 38	22 8	0 26	9 59	1 44	4 54	14 31	21 13	21 17	0 24	7 21	2 31
W23	20 5	17 9	5 14	18 51	1 46	22 1	1 20	0 20	0 28	18 38	0 31	22 23	0 38	22 7	0 26	9 59	1 44	4 54	14 32	21 13	21 17	0 21	7 21	2 31
T 24	19 53	20 56	4 58	18 17	1 44	22 6	1 18	0 5	0 27	18 35	0 31	22 22	0 38	22 7	0 26	9 59	1 44	4 54	14 32	21 13	21 18	0 18	7 21	2 31
F 25	19 40	23 51	4 27	17 41	1 41	22 10	1 15	0s10	0 26	18 32	0 31	22 21	0 38	22 6	0 26	10 0	1 44	4 54	14 32	21 13	21 18	0 15	7 21	2 31
S 26	19 27	25 37	3 41	17 4	1 38	22 13	1 12	0 25	0 25	18 28	0 31	22 21	0 38	22 5	0 26	10 0	1 44	4 54	14 32	21 13	21 19	0 12	7 21	2 31
S 27	19 14	25 59	2 42	16 26	1 34	22 16	1 9	0 40	0 24	18 25	0 31	22 20	0 37	22 5	0 26	10 0	1 44	4 54	14 33	21 13	21 20	0 9	7 21	2 31
M28	19 0	24 45	1 33	15 48	1 30	22 18	1 6	0 55	0 23	18 21	0 31	22 20	0 37	22 4	0 26	10 0	1 43	4 53	14 33	21 13	21 20	0 6	7 21	2 31
T 29	18 46	21 55	0 15	15 9	1 25	22 20	1 4	1 10	0 23	18 18	0 31	22 19	0 37	22 4	0 26	10 0	1 43	4 53	14 33	21 13	21 21	0 3	7 20	2 32
W30	18 32	17 38	1n 5	14 30	1 20	22 21	1 1	1 25	0 22	18 14	0 31	22 19	0 37	22 3	0 26	10 1	1 43	4 53	14 33	21 13	21 21	0s 1	7 20	2 32
T 31	18n17	12s12	2n22	13n50	1n14	22n21	0s58	1s40	0n21	18n11	0n32	22n18	0s37	22n 3	0n26	10s 1	1n43	4n53	14s34	21s13	21s22	0s 4	7n20	2n32

Julian Day Number = 2495920.5, Delta T = 104.09 sec
Ecliptic obliquity = 23°25'28, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°26'16, Lahiri = 25°33'17

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ASTRODIENST EPHEMERIS for the year 2121
geocentric

AUGUST 2121 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 38 28	8♌50'09	6♓ 3	28♌11	6♋34	5♎37	10♌26	11♋41	22♋11	0♏29	25♉10	24°R26	23♑34	20♍17	12°R40	F 1
S 2	20 42 24	9°47'31	20°57	29°49	7°45	6°14	10°39	11°48	22°14	0°29	25°11	24♑25	23°30	20°23	12♈39	S 2
S 3	20 46 21	10°44'54	5♈42	1♍26	8°56	6°50	10°52	11°56	22°18	0°30	25°11	24°23	23°27	20°30	12°38	S 3
M 4	20 50 17	11°42'18	20°12	3° 2	10° 8	7°27	11° 5	12° 3	22°21	0°31	25°12	24°21	23°24	20°37	12°37	M 4
T 5	20 54 14	12°39'43	4♉22	4°35	11°19	8° 3	11°19	12°10	22°25	0°31	25°12	24°20	23°21	20°43	12°36	T 5
W 6	20 58 10	13°37'09	18°13	6° 7	12°31	8°40	11°32	12°17	22°28	0°32	25°12	24°D20	23°18	20°50	12°35	W 6
T 7	21 2 7	14°34'37	1♊42	7°37	13°42	9°17	11°45	12°24	22°32	0°33	25°13	24°21	23°15	20°57	12°34	T 7
F 8	21 6 3	15°32'06	14°53	9° 5	14°54	9°54	11°58	12°31	22°35	0°34	25°13	24°22	23°11	21° 4	12°33	F 8
S 9	21 10 0	16°29'36	27°46	10°32	16° 6	10°31	12°12	12°38	22°39	0°35	25°13	24°24	23° 8	21°10	12°32	S 9
S 10	21 13 57	17°27'08	10♋24	11°57	17°18	11° 8	12°25	12°45	22°42	0°36	25°14	24°25	23° 5	21°17	12°31	S 10
M11	21 17 53	18°24'40	22°49	13°20	18°30	11°45	12°38	12°52	22°45	0°37	25°14	24°R25	23° 2	21°24	12°29	M11
T 12	21 21 50	19°22'14	5♌ 4	14°41	19°42	12°22	12°51	12°59	22°49	0°37	25°14	24°25	22°59	21°30	12°28	T 12
W13	21 25 46	20°19'49	17°10	16° 0	20°54	13° 0	13° 5	13° 5	22°52	0°38	25°15	24°23	22°56	21°37	12°27	W13
T 14	21 29 43	21°17'25	29°10	17°17	22° 6	13°37	13°18	13°12	22°55	0°39	25°15	24°20	22°52	21°44	12°25	T 14
F 15	21 33 39	22°15'02	11♍ 4	18°33	23°18	14°15	13°31	13°19	22°59	0°41	25°15	24°16	22°49	21°50	12°24	F 15
S 16	21 37 36	23°12'40	22°56	19°46	24°30	14°52	13°44	13°25	23° 2	0°42	25°15	24°11	22°46	21°57	12°22	S 16
S 17	21 41 32	24°10'19	4♎46	20°58	25°42	15°30	13°57	13°32	23° 5	0°43	25°15	24° 6	22°43	22° 4	12°20	S 17
M18	21 45 29	25° 8'00	16°38	22° 7	26°55	16° 8	14°10	13°39	23° 9	0°44	25°16	24° 1	22°40	22°11	12°19	M18
T 19	21 49 26	26° 5'41	28°35	23°14	28° 7	16°46	14°23	13°45	23°12	0°45	25°16	23°57	22°36	22°17	12°17	T 19
W20	21 53 22	27° 3'24	10♏40	24°18	29°19	17°24	14°37	13°51	23°15	0°46	25°16	23°54	22°33	22°24	12°15	W20
T 21	21 57 19	28° 1'07	22°58	25°20	0♌32	18° 2	14°50	13°58	23°18	0°47	25°16	23°D53	22°30	22°31	12°14	T 21
F 22	22 1 15	28°58'52	5♐33	26°20	1°44	18°40	15° 3	14° 4	23°21	0°49	25°16	23°53	22°27	22°37	12°12	F 22
S 23	22 5 12	29°56'38	18°29	27°16	2°57	19°18	15°16	14°10	23°24	0°50	25°16	23°54	22°24	22°44	12°10	S 23
S 24	22 9 8	0♍54'25	1♑50	28°10	4° 9	19°56	15°29	14°17	23°27	0°51	25°16	23°56	22°21	22°51	12° 8	S 24
M25	22 13 5	1°52'13	15°38	29° 1	5°22	20°35	15°42	14°23	23°30	0°53	25°R16	23°57	22°17	22°57	12° 6	M25
T 26	22 17 1	2°50'02	29°54	29°49	6°35	21°13	15°55	14°29	23°34	0°54	25°16	23°R57	22°14	23° 4	12° 4	T 26
W27	22 20 58	3°47'52	14♒34	0♎33	7°48	21°52	16° 8	14°35	23°37	0°55	25°16	23°55	22°11	23°11	12° 2	W27
T 28	22 24 55	4°45'44	29°35	1°13	9° 0	22°30	16°21	14°41	23°39	0°57	25°16	23°52	22° 8	23°18	12° 0	T 28
F 29	22 28 51	5°43'37	14♓48	1°50	10°13	23° 9	16°33	14°47	23°42	0°58	25°16	23°47	22° 5	23°24	11°58	F 29
S 30	22 32 48	6°41'32	0♈ 1	2°23	11°26	23°48	16°46	14°53	23°45	1° 0	25°16	23°41	22° 2	23°31	11°56	S 30
S 31	22 36 44	7♍39'28	15♈ 6	2♎51	12♌39	24♎26	16♌59	14♋58	23♋48	1♏ 1	25♉16	23♑35	21♑58	23♍38	11♈54	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	18n 2	6s 2	3n30	13n10	1n 8	22n21	0s55	1s56	0n20	18n 7	0n32	22n18	0s37	22n 2	0n26	10s 1	1n43	4n53	14s34	21s13	21s22	0s 7	7n20	2n32	F 1
S 2	17 47	0n27	4 24	12 29	1 1	22 20	0 52	2 11	0 19	18 4	0 32	22 17	0 37	22 1	0 26	10 1	1 43	4 53	14 34	21 13	21 23	0 10	7 19	2 32	S 2
S 3	17 32	6 50	4 59	11 48	0 55	22 19	0 49	2 26	0 18	18 0	0 32	22 16	0 37	22 1	0 26	10 2	1 43	4 53	14 34	21 14	21 23	0 13	7 19	2 32	S 3
M 4	17 16	12 44	5 15	11 8	0 47	22 16	0 46	2 41	0 18	17 57	0 32	22 16	0 37	22 0	0 26	10 2	1 43	4 52	14 35	21 14	21 24	0 16	7 19	2 32	M 4
T 5	17 0	17 50	5 11	10 27	0 40	22 14	0 43	2 56	0 17	17 53	0 32	22 15	0 37	22 0	0 26	10 2	1 43	4 52	14 35	21 14	21 24	0 19	7 18	2 32	T 5
W 6	16 44	21 52	4 49	9 46	0 32	22 10	0 40	3 11	0 16	17 50	0 32	22 15	0 37	21 59	0 26	10 3	1 43	4 52	14 35	21 14	21 25	0 22	7 18	2 32	W 6
T 7	16 27	24 35	4 11	9 5	0 24	22 6	0 37	3 27	0 15	17 46	0 32	22 14	0 37	21 59	0 26	10 3	1 43	4 52	14 35	21 14	21 25	0 25	7 18	2 32	T 7
F 8	16 10	25 54	3 21	8 24	0 16	22 2	0 34	3 42	0 14	17 42	0 32	22 13	0 37	21 58	0 26	10 3	1 43	4 52	14 36	21 14	21 26	0 28	7 17	2 32	F 8
S 9	15 53	25 46	2 22	7 43	0 7	21 56	0 31	3 57	0 13	17 39	0 32	22 13	0 37	21 58	0 27	10 4	1 43	4 52	14 36	21 14	21 27	0 31	7 17	2 32	S 9
S 10	15 36	24 17	1 16	7 3	0s 2	21 50	0 28	4 12	0 13	17 35	0 32	22 12	0 37	21 57	0 27	10 4	1 43	4 51	14 36	21 13	21 27	0 34	7 16	2 32	S 10
M11	15 18	21 38	0 9	6 23	0 11	21 44	0 25	4 28	0 12	17 31	0 32	22 12	0 37	21 57	0 27	10 4	1 43	4 51	14 36	21 13	21 28	0 37	7 16	2 32	M11
T 12	15 0	18 3	0s58	5 43	0 20	21 37	0 22	4 43	0 11	17 28	0 33	22 11	0 37	21 56	0 27	10 5	1 43	4 51	14 37	21 13	21 28	0 40	7 16	2 32	T 12
W13	14 42	13 45	2 2	5 4	0 30	21 29	0 19	4 58	0 10	17 24	0 33	22 10	0 37	21 55	0 27	10 5	1 43	4 51	14 37	21 14	21 29	0 43	7 15	2 32	W13
T 14	14 24	8 57	2 59	4 25	0 39	21 21	0 16	5 14	0 9	17 20	0 33	22 10	0 37	21 55	0 27	10 6	1 43	4 51	14 37	21 14	21 29	0 46	7 14	2 32	T 14
F 15	14 5	3 53	3 48	3 47	0 49	21 12	0 13	5 29	0 9	17 17	0 33	22 9	0 36	21 54	0 27	10 6	1 43	4 50	14 38	21 15	21 30	0 49	7 14	2 32	F 15
S 16	13 46	1s17	4 27	3 9	0 59	21 2	0 10	5 44	0 8	17 13	0 33	22 9	0 36	21 54	0 27	10 6	1 42	4 50	14 38	21 16	21 30	0 52	7 13	2 32	S 16
S 17	13 27	6 24	4 55	2 32	1 9	20 52	0 7	5 59	0 7	17 9	0 33	22 8	0 36	21 53	0 27	10 7	1 42	4 50	14 38	21 17	21 31	0 56	7 13	2 32	S 17
M18	13 8	11 17	5 9	1 55	1 19	20 41	0 5	6 15	0 6	17 6	0 33	22 7	0 36	21 53	0 27	10 7	1 42	4 50	14 38	21 18	21 31	0 59	7 12	2 32	M18
T 19	12 49	15 48	5 11	1 19	1 29	20 30	0 2	6 30	0 6	17 2	0 33	22 7	0 36	21 52	0 27	10 8	1 42	4 49	14 39	21 18	21 32	1 2	7 12	2 33	T 19
W20	12 29	19 44	4 59	0 45	1 39	20 18	0n 1	6 45	0 5	16 58	0 33	22 6	0 36	21 52	0 27	10 8	1 42	4 49	14 39	21 19	21 32	1 5	7 11	2 33	W20
T 21	12 9	22 54	4 33	0 11	1 50	20 6	0 4	7 0	0 4	16 55	0 33	22 6	0 36	21 51	0 27	10 9	1 42	4 49	14 39	21 19	21 33	1 8	7 10	2 33	T 21
F 22	11 49	25 3	3 53	0s22	2 0	19 52	0 7	7 15	0 3	16 51	0 33	22 5	0 36	21 51	0 27	10 9	1 42	4 49	14 39	21 19	21 33	1 11	7 10	2 33	F 22
S 23	11 29	25 56	3 1	0 54	2 10	19 39	0 10	7 31	0 3	16 47	0 34	22 4	0 36	21 50	0 27	10 10	1 42	4 48	14 40	21 19	21 34	1 14	7 9	2 33	S 23
S 24	11 9	25 22	1 57	1 25	2 20	19 25	0 13	7 46	0 2	16 43	0 34	22 4	0 36	21 50	0 27	10 10	1 42	4 48	14 40	21 18	21 34	1 17	7 8	2 33	S 24
M25	10 48	23 15	0 45	1 54	2 30	19 10	0 15	8 1	0 1	16 40	0 34	22 3	0 36	21 49	0 27	10 11	1 42	4 48	14 40	21 18	21 35	1 20	7 7	2 33	M25
T 26	10 27	19 38	0n32	2 23	2 40	18 54	0 18	8 16	0 0	16 36	0 34	22 3	0 36	21 49	0 27	10 11	1 42	4 48	14 41	21 18	21 35	1 23	7 7	2 33	T 26
W27	10 7	14 42	1 50	2 49	2 50	18 39	0 21	8 31	0s 0	16 32	0 34	22 2	0 36	21 48	0 27	10 12	1 42	4 47	14 41	21 18	21 36	1 26	7 6	2 33	W27
T 28	9 46	8 47	3 1	3 14	3 0	18 22	0 23	8 46	0 1	16 28	0 34	22 1	0 36	21 48	0 27	10 12	1 42	4 47	14 41	21 19	21 36	1 29	7 5	2 33	T 28
F 29	9 24	2 17	4 1	3 38	3 9	18 5	0 26	9 1	0 2	16 25	0 34	22 1	0 36	21 47	0 27	10 13	1 42	4 47	14 41	21 20	21 37	1 32	7 4	2 33	F 29
S 30	9 3	4n20	4 43	3 59	3 19	17 48	0 29	9 16	0 3	16 21	0 34	22 0	0 36	21 47	0 27	10 13	1 42	4 47	14 42	21 21	21 37	1 35	7 4	2 33	S 30
S 31	8n42	10n38	5n 5	4s18	3s27	17n30	0n31	9s31	0s 3	16n17	0n34	22n 0	0s36	21n46	0n27	10s14	1n42	4n46	14s42	21s22	21s38	1s38	7n 3	2n33	S 31

Julian Day Number = 2495951.5, Delta T = 104.14 sec
Ecliptic obliquity = 23°25'28, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°26'21, Lahiri = 25°33'21

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ASTRODIENST EPHEMERIS for the year 2121
geocentric

SEPTEMBER 2121 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 40 41	8♍37'27	29♈53	3♎15	13♌52	25♎ 5	17♌12	15♋ 4	23♋51	1♏ 3	25°R16	23°R29	21♑55	23♍44	11°R52	M 1
T 2	22 44 37	9°35'27	14♉16	3°34	15° 5	25°44	17°25	15°10	23°54	1° 4	25♉16	23♑25	21°52	23°51	11♈50	T 2
W 3	22 48 34	10°33'29	28°12	3°48	16°18	26°23	17°37	15°15	23°57	1° 6	25°15	23°22	21°49	23°58	11°48	W 3
T 4	22 52 30	11°31'33	11♊41	3°57	17°32	27° 2	17°50	15°21	23°59	1° 7	25°15	23°D21	21°46	24° 5	11°45	T 4
F 5	22 56 27	12°29'39	24°46	3°R59	18°45	27°42	18° 3	15°26	24° 2	1° 9	25°15	23°22	21°42	24°11	11°43	F 5
S 6	23 0 24	13°27'47	7♋29	3°56	19°58	28°21	18°15	15°31	24° 5	1°10	25°15	23°23	21°39	24°18	11°41	S 6
S 7	23 4 20	14°25'56	19°56	3°47	21°12	29° 0	18°28	15°37	24° 7	1°12	25°14	23°R24	21°36	24°25	11°38	S 7
M 8	23 8 17	15°24'08	2♌ 9	3°31	22°25	29°40	18°40	15°42	24°10	1°14	25°14	23°24	21°33	24°31	11°36	M 8
T 9	23 12 13	16°22'22	14°12	3° 9	23°39	0♏19	18°53	15°47	24°13	1°16	25°14	23°21	21°30	24°38	11°34	T 9
W10	23 16 10	17°20'37	26° 9	2°41	24°52	0°59	19° 5	15°52	24°15	1°17	25°14	23°17	21°27	24°45	11°31	W10
T 11	23 20 6	18°18'54	8♍ 2	2° 6	26° 6	1°39	19°17	15°57	24°18	1°19	25°13	23° 9	21°23	24°51	11°29	T 11
F 12	23 24 3	19°17'13	19°53	1°25	27°19	2°18	19°30	16° 2	24°20	1°21	25°13	23° 0	21°20	24°58	11°26	F 12
S 13	23 27 59	20°15'34	1♎44	0°39	28°33	2°58	19°42	16° 7	24°23	1°22	25°13	22°49	21°17	25° 5	11°24	S 13
S 14	23 31 56	21°13'56	13°36	29♍47	29°47	3°38	19°54	16°12	24°25	1°24	25°12	22°38	21°14	25°12	11°21	S 14
M15	23 35 52	22°12'21	25°32	28°51	1♍ 0	4°18	20° 6	16°16	24°27	1°26	25°12	22°27	21°11	25°18	11°19	M15
T 16	23 39 49	23°10'47	7♏32	27°52	2°14	4°58	20°19	16°21	24°30	1°28	25°11	22°18	21° 7	25°25	11°16	T 16
W17	23 43 46	24° 9'14	19°40	26°50	3°28	5°38	20°31	16°25	24°32	1°30	25°11	22°10	21° 4	25°32	11°13	W17
T 18	23 47 42	25° 7'44	1♐58	25°47	4°42	6°19	20°43	16°30	24°34	1°32	25°10	22° 5	21° 1	25°38	11°11	T 18
F 19	23 51 39	26° 6'15	14°30	24°45	5°56	6°59	20°55	16°34	24°36	1°34	25°10	22° 3	20°58	25°45	11° 8	F 19
S 20	23 55 35	27° 4'48	27°21	23°46	7°10	7°39	21° 6	16°38	24°38	1°35	25° 9	22°D 2	20°55	25°52	11° 6	S 20
S 21	23 59 32	28° 3'22	10♑34	22°49	8°24	8°20	21°18	16°42	24°40	1°37	25° 9	22° 2	20°52	25°59	11° 3	S 21
M22	0 3 28	29° 1'58	24°13	21°58	9°38	9° 0	21°30	16°46	24°42	1°39	25° 8	22°R 3	20°48	26° 5	11° 0	M22
T 23	0 7 25	0♎ 0'35	8♒19	21°13	10°52	9°41	21°42	16°50	24°44	1°41	25° 8	22° 2	20°45	26°12	10°58	T 23
W24	0 11 21	0°59'14	22°53	20°35	12° 6	10°22	21°53	16°54	24°46	1°43	25° 7	21°59	20°42	26°19	10°55	W24
T 25	0 15 18	1°57'55	7♓50	20° 6	13°20	11° 2	22° 5	16°58	24°48	1°45	25° 7	21°53	20°39	26°25	10°52	T 25
F 26	0 19 15	2°56'38	23° 4	19°46	14°34	11°43	22°16	17° 2	24°50	1°47	25° 6	21°45	20°36	26°32	10°49	F 26
S 27	0 23 11	3°55'22	8♈24	19°36	15°48	12°24	22°28	17° 5	24°52	1°49	25° 5	21°35	20°33	26°39	10°47	S 27
S 28	0 27 8	4°54'09	23°39	19°D35	17° 3	13° 5	22°39	17° 9	24°54	1°51	25° 5	21°24	20°29	26°46	10°44	S 28
M29	0 31 4	5°52'57	8♉38	19°45	18°17	13°46	22°50	17°12	24°55	1°53	25° 4	21°14	20°26	26°52	10°41	M29
T 30	0 35 1	6♎51'48	23♉13	20♍ 5	19♍31	14♏27	23♌ 2	17♋15	24♋57	1♏55	25♉ 3	21♑ 6	20♑23	26♍59	10♈38	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n20	16n12	5n 7	4s36	3s36	17n11	0n34	9s46	0s 4	16n13	0n35	21n59	0s36	21n46	0n27	10s14	1n42	4n46	14s42	21s23	21s39	1s41	7n 2	2n33
T 2	7 58	20 42	4 49	4 50	3 44	16 53	0 36	10 1	0 5	16 9	0 35	21 58	0 36	21 45	0 27	10 15	1 42	4 46	14 43	21 24	21 39	1 44	7 1	2 33
W 3	7 36	23 52	4 14	5 3	3 51	16 33	0 39	10 16	0 6	16 6	0 35	21 58	0 36	21 45	0 27	10 16	1 42	4 45	14 43	21 24	21 40	1 47	7 0	2 33
T 4	7 14	25 34	3 26	5 12	3 58	16 13	0 41	10 31	0 6	16 2	0 35	21 57	0 36	21 44	0 27	10 16	1 42	4 45	14 43	21 24	21 40	1 50	6 59	2 33
F 5	6 52	25 47	2 28	5 19	4 4	15 53	0 43	10 45	0 7	15 58	0 35	21 57	0 36	21 44	0 27	10 17	1 42	4 45	14 43	21 24	21 41	1 53	6 58	2 33
S 6	6 30	24 37	1 25	5 22	4 9	15 32	0 46	11 0	0 8	15 54	0 35	21 56	0 36	21 44	0 27	10 17	1 42	4 44	14 44	21 24	21 41	1 56	6 58	2 33
S 7	6 7	22 15	0 19	5 22	4 13	15 11	0 48	11 15	0 8	15 51	0 35	21 55	0 36	21 43	0 27	10 18	1 41	4 44	14 44	21 24	21 42	1 59	6 57	2 33
M 8	5 45	18 54	0s47	5 19	4 16	14 49	0 50	11 29	0 9	15 47	0 35	21 55	0 35	21 43	0 27	10 19	1 41	4 44	14 44	21 24	21 42	2 2	6 56	2 33
T 9	5 22	14 49	1 49	5 12	4 18	14 27	0 52	11 44	0 10	15 43	0 35	21 54	0 35	21 42	0 27	10 19	1 41	4 43	14 44	21 24	21 43	2 5	6 55	2 33
W10	5 0	10 11	2 46	5 1	4 18	14 5	0 54	11 58	0 10	15 39	0 36	21 54	0 35	21 42	0 27	10 20	1 41	4 43	14 45	21 25	21 43	2 8	6 54	2 33
T 11	4 37	5 13	3 36	4 46	4 17	13 42	0 56	12 13	0 11	15 36	0 36	21 53	0 35	21 41	0 27	10 20	1 41	4 43	14 45	21 26	21 44	2 11	6 53	2 33
F 12	4 14	0 5	4 15	4 27	4 14	13 18	0 58	12 27	0 12	15 32	0 36	21 53	0 35	21 41	0 27	10 21	1 41	4 42	14 45	21 28	21 44	2 14	6 52	2 33
S 13	3 51	5s 2	4 44	4 4	4 9	12 55	1 0	12 41	0 13	15 28	0 36	21 52	0 35	21 41	0 27	10 22	1 41	4 42	14 45	21 30	21 45	2 17	6 51	2 33
S 14	3 28	9 58	5 0	3 38	4 3	12 31	1 2	12 56	0 13	15 24	0 36	21 52	0 35	21 40	0 27	10 22	1 41	4 42	14 46	21 32	21 45	2 20	6 50	2 33
M15	3 5	14 34	5 3	3 7	3 54	12 6	1 4	13 10	0 14	15 21	0 36	21 51	0 35	21 40	0 27	10 23	1 41	4 41	14 46	21 33	21 46	2 23	6 49	2 33
T 16	2 42	18 38	4 53	2 34	3 44	11 42	1 6	13 24	0 15	15 17	0 36	21 51	0 35	21 39	0 27	10 24	1 41	4 41	14 46	21 35	21 46	2 26	6 48	2 33
W17	2 19	21 58	4 30	1 59	3 31	11 17	1 7	13 38	0 15	15 13	0 36	21 50	0 35	21 39	0 27	10 24	1 41	4 41	14 46	21 36	21 46	2 29	6 47	2 33
T 18	1 56	24 21	3 54	1 21	3 17	10 51	1 9	13 52	0 16	15 10	0 37	21 50	0 35	21 39	0 27	10 25	1 41	4 40	14 47	21 37	21 47	2 32	6 46	2 33
F 19	1 33	25 36	3 6	0 42	3 2	10 25	1 11	14 6	0 17	15 6	0 37	21 49	0 35	21 38	0 27	10 26	1 41	4 40	14 47	21 37	21 47	2 35	6 45	2 33
S 20	1 10	25 31	2 7	0 2	2 44	9 59	1 12	14 20	0 17	15 2	0 37	21 49	0 35	21 38	0 28	10 26	1 41	4 40	14 47	21 37	21 48	2 38	6 44	2 33
S 21	0 46	24 1	1 1	0n37	2 26	9 33	1 14	14 33	0 18	14 59	0 37	21 48	0 35	21 38	0 28	10 27	1 41	4 39	14 47	21 37	21 48	2 41	6 42	2 33
M22	0 23	21 4	0n12	1 15	2 7	9 7	1 15	14 47	0 19	14 55	0 37	21 48	0 35	21 37	0 28	10 28	1 41	4 39	14 48	21 37	21 49	2 44	6 41	2 32
T 23	0s 0	16 48	1 25	1 51	1 47	8 40	1 16	15 0	0 19	14 51	0 37	21 47	0 35	21 37	0 28	10 28	1 41	4 39	14 48	21 37	21 49	2 47	6 40	2 32
W24	0 24	11 25	2 36	2 24	1 27	8 13	1 18	15 14	0 20	14 48	0 37	21 47	0 35	21 37	0 28	10 29	1 41	4 38	14 48	21 38	21 50	2 50	6 39	2 32
T 25	0 47	5 16	3 38	2 54	1 7	7 46	1 19	15 27	0 20	14 44	0 38	21 46	0 35	21 36	0 28	10 30	1 41	4 38	14 48	21 39	21 50	2 53	6 38	2 32
F 26	1 10	1n18	4 25	3 20	0 47	7 18	1 20	15 40	0 21	14 40	0 38	21 46	0 35	21 36	0 28	10 31	1 41	4 38	14 48	21 40	21 51	2 56	6 37	2 32
S 27	1 33	7 49	4 54	3 41	0 28	6 50	1 21	15 54	0 22	14 37	0 38	21 45	0 35	21 36	0 28	10 31	1 41	4 37	14 49	21 42	21 51	2 59	6 36	2 32
S 28	1 57	13 50	5 1	3 58	0 10	6 22	1 22	16 7	0 22	14 33	0 38	21 45	0 35	21 36	0 28	10 32	1 41	4 37	14 49	21 43	21 52	3 2	6 35	2 32
M29	2 20	18 55	4 48	4 10	0n 8	5 54	1 23	16 20	0 23	14 30	0 38	21 45	0 35	21 35	0 28	10 33	1 41	4 37	14 49	21 45	21 52	3 5	6 34	2 32
T 30	2s43	22n41	4n16	4n17	0n24	5n26	1n24	16s32	0s24	14n26	0n38	21n44	0s35	21n35	0n28	10s33	1n41	4n36	14s49	21s46	21s53	3s 8	6n32	2n32

Julian Day Number = 2495982.5, Delta T = 104.19 sec
Ecliptic obliquity = 23°25'28, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°26'25, Lahiri = 25°33'25

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ASTRODIENST EPHEMERIS for the year 2121
geocentric

OCTOBER 2121 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 38 57	7♎50'41	7♊18	20♍35	20♍46	15♏ 8	23♌13	17♋19	24♋59	1♏57	25°R 3	21°R 1	20♑20	27♍ 6	10°R36	W 1
T 2	0 42 54	8°49'37	20°54	21°13	22° 0	15°50	23°24	17°22	25° 0	2° 0	25♉ 2	20♑58	20°17	27°12	10♈33	T 2
F 3	0 46 50	9°48'34	4♋ 1	22° 1	23°15	16°31	23°35	17°25	25° 2	2° 2	25° 1	20°57	20°13	27°19	10°30	F 3
S 4	0 50 47	10°47'34	16°44	22°56	24°29	17°12	23°46	17°28	25° 3	2° 4	25° 0	20°57	20°10	27°26	10°27	S 4
S 5	0 54 44	11°46'37	29° 7	23°59	25°44	17°54	23°56	17°30	25° 5	2° 6	25° 0	20°56	20° 7	27°33	10°25	S 5
M 6	0 58 40	12°45'41	11♌15	25° 9	26°58	18°35	24° 7	17°33	25° 6	2° 8	24°59	20°55	20° 4	27°39	10°22	M 6
T 7	1 2 37	13°44'48	23°13	26°24	28°13	19°17	24°18	17°36	25° 8	2°10	24°58	20°51	20° 1	27°46	10°19	T 7
W 8	1 6 33	14°43'57	5♍ 5	27°45	29°27	19°59	24°28	17°38	25° 9	2°12	24°57	20°45	19°58	27°53	10°16	W 8
T 9	1 10 30	15°43'08	16°55	29°10	0♎42	20°40	24°39	17°41	25°10	2°14	24°56	20°36	19°54	27°59	10°14	T 9
F 10	1 14 26	16°42'21	28°45	0♎39	1°57	21°22	24°49	17°43	25°11	2°17	24°56	20°24	19°51	28° 6	10°11	F 10
S 11	1 18 23	17°41'36	10♎39	2°11	3°12	22° 4	24°59	17°45	25°12	2°19	24°55	20°10	19°48	28°13	10° 8	S 11
S 12	1 22 19	18°40'54	22°36	3°46	4°26	22°46	25°10	17°47	25°13	2°21	24°54	19°55	19°45	28°20	10° 6	S 12
M13	1 26 16	19°40'13	4♏38	5°23	5°41	23°28	25°20	17°49	25°14	2°23	24°53	19°41	19°42	28°26	10° 3	M13
T 14	1 30 13	20°39'35	16°47	7° 3	6°56	24°10	25°30	17°51	25°15	2°25	24°52	19°28	19°39	28°33	10° 0	T 14
W15	1 34 9	21°38'58	29° 3	8°43	8°11	24°53	25°40	17°53	25°16	2°28	24°51	19°18	19°35	28°40	9°57	W15
T 16	1 38 6	22°38'24	11♐29	10°25	9°26	25°35	25°49	17°55	25°17	2°30	24°50	19°11	19°32	28°46	9°55	T 16
F 17	1 42 2	23°37'51	24° 7	12° 7	10°40	26°17	25°59	17°56	25°18	2°32	24°49	19° 7	19°29	28°53	9°52	F 17
S 18	1 45 59	24°37'20	6♑59	13°50	11°55	27° 0	26° 9	17°58	25°19	2°34	24°48	19° 5	19°26	29° 0	9°49	S 18
S 19	1 49 55	25°36'50	20° 9	15°33	13°10	27°42	26°18	17°59	25°19	2°36	24°47	19° 4	19°23	29° 7	9°47	S 19
M20	1 53 52	26°36'23	3♒40	17°16	14°25	28°25	26°28	18° 0	25°20	2°39	24°46	19° 4	19°19	29°13	9°44	M20
T 21	1 57 48	27°35'57	17°34	18°59	15°40	29° 7	26°37	18° 1	25°21	2°41	24°45	19° 3	19°16	29°20	9°42	T 21
W22	2 1 45	28°35'32	1♓52	20°43	16°55	29°50	26°46	18° 2	25°21	2°43	24°44	19° 0	19°13	29°27	9°39	W22
T 23	2 5 42	29°35'10	16°33	22°26	18°10	0♐33	26°55	18° 3	25°22	2°45	24°44	18°54	19°10	29°33	9°37	T 23
F 24	2 9 38	0♏34'49	1♈32	24° 8	19°25	1°15	27° 4	18° 4	25°22	2°48	24°42	18°46	19° 7	29°40	9°34	F 24
S 25	2 13 35	1°34'30	16°40	25°51	20°40	1°58	27°13	18° 5	25°23	2°50	24°41	18°35	19° 4	29°47	9°32	S 25
S 26	2 17 31	2°34'13	1♉48	27°32	21°55	2°41	27°21	18° 5	25°23	2°52	24°40	18°24	19° 0	29°54	9°29	S 26
M27	2 21 28	3°33'57	16°45	29°14	23°10	3°24	27°30	18° 6	25°23	2°54	24°39	18°14	18°57	0♎ 0	9°27	M27
T 28	2 25 24	4°33'44	1♊22	0♏55	24°25	4° 7	27°38	18° 6	25°23	2°57	24°38	18° 5	18°54	0° 7	9°24	T 28
W29	2 29 21	5°33'34	15°33	2°36	25°40	4°51	27°47	18° 6	25°24	2°59	24°37	17°59	18°51	0°14	9°22	W29
T 30	2 33 17	6°33'25	29°15	4°16	26°56	5°34	27°55	18° 6	25°24	3° 1	24°36	17°55	18°48	0°20	9°19	T 30
F 31	2 37 14	7♏33'18	12♋28	5♏55	28♎11	6♐17	28♌ 3	18°R 6	25♋24	3♏ 3	24♉35	17°D53	18♑44	0♎27	9♈17	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s 7	24n57	3n29	4n20	0n39	4n57	1n25	16s45	0s24	14n23	0n38	21n44	0s35	21n35	0n28	10s34	1n41	4n36	14s50	21s47	21s53	3s11	6n31	2n32
T 2	3 30	25 38	2 32	4 17	0 52	4 29	1 25	16 58	0 25	14 19	0 39	21 43	0 35	21 34	0 28	10 35	1 41	4 36	14 50	21 47	21 54	3 14	6 30	2 32
F 3	3 53	24 50	1 28	4 9	1 5	4 0	1 26	17 10	0 25	14 16	0 39	21 43	0 35	21 34	0 28	10 36	1 41	4 35	14 50	21 48	21 54	3 17	6 29	2 32
S 4	4 16	22 45	0 22	3 58	1 16	3 31	1 27	17 23	0 26	14 12	0 39	21 43	0 35	21 34	0 28	10 36	1 41	4 35	14 50	21 48	21 55	3 20	6 28	2 32
S 5	4 39	19 37	0s43	3 41	1 25	3 2	1 27	17 35	0 27	14 9	0 39	21 42	0 35	21 34	0 28	10 37	1 41	4 35	14 50	21 48	21 55	3 23	6 27	2 32
M 6	5 2	15 42	1 45	3 21	1 33	2 33	1 28	17 47	0 27	14 5	0 39	21 42	0 35	21 34	0 28	10 38	1 41	4 34	14 50	21 48	21 56	3 26	6 26	2 32
T 7	5 25	11 14	2 42	2 58	1 40	2 3	1 28	17 59	0 28	14 2	0 39	21 42	0 35	21 33	0 28	10 39	1 41	4 34	14 51	21 48	21 56	3 29	6 24	2 32
W 8	5 48	6 22	3 31	2 31	1 46	1 34	1 28	18 11	0 28	13 59	0 40	21 42	0 35	21 33	0 28	10 39	1 41	4 33	14 51	21 49	21 56	3 32	6 23	2 31
T 9	6 11	1 19	4 10	2 1	1 50	1 5	1 29	18 23	0 29	13 55	0 40	21 41	0 34	21 33	0 28	10 40	1 41	4 33	14 51	21 51	21 57	3 35	6 22	2 31
F 10	6 34	3s46	4 39	1 29	1 54	0 35	1 29	18 34	0 30	13 52	0 40	21 41	0 34	21 33	0 28	10 41	1 41	4 33	14 51	21 53	21 57	3 38	6 21	2 31
S 11	6 56	8 44	4 55	0 54	1 56	0 6	1 29	18 46	0 30	13 49	0 40	21 41	0 34	21 33	0 28	10 42	1 41	4 32	14 51	21 55	21 58	3 41	6 20	2 31
S 12	7 19	13 24	4 59	0 18	1 57	0s24	1 29	18 57	0 31	13 46	0 40	21 40	0 34	21 32	0 28	10 42	1 41	4 32	14 52	21 57	21 58	3 44	6 19	2 31
M13	7 41	17 36	4 49	0s20	1 58	0 54	1 29	19 8	0 31	13 42	0 40	21 40	0 34	21 32	0 28	10 43	1 41	4 32	14 52	21 59	21 59	3 47	6 17	2 31
T 14	8 4	21 6	4 27	1 0	1 57	1 23	1 29	19 19	0 32	13 39	0 41	21 40	0 34	21 32	0 28	10 44	1 41	4 31	14 52	22 1	21 59	3 50	6 16	2 31
W15	8 26	23 42	3 51	1 40	1 56	1 53	1 29	19 30	0 33	13 36	0 41	21 40	0 34	21 32	0 28	10 45	1 41	4 31	14 52	22 2	22 0	3 53	6 15	2 31
T 16	8 48	25 11	3 4	2 22	1 54	2 23	1 29	19 41	0 33	13 33	0 41	21 40	0 34	21 32	0 28	10 45	1 41	4 31	14 52	22 3	22 0	3 56	6 14	2 31
F 17	9 10	25 25	2 8	3 4	1 52	2 52	1 28	19 51	0 34	13 30	0 41	21 39	0 34	21 32	0 28	10 46	1 41	4 30	14 52	22 4	22 1	3 59	6 13	2 31
S 18	9 32	24 18	1 3	3 47	1 49	3 22	1 28	20 2	0 34	13 27	0 41	21 39	0 34	21 32	0 28	10 47	1 41	4 30	14 52	22 4	22 1	4 2	6 12	2 31
S 19	9 54	21 49	0n 6	4 30	1 45	3 51	1 27	20 12	0 35	13 24	0 41	21 39	0 34	21 32	0 28	10 48	1 41	4 30	14 53	22 4	22 2	4 5	6 11	2 30
M20	10 15	18 5	1 16	5 13	1 41	4 21	1 27	20 22	0 35	13 20	0 42	21 39	0 34	21 31	0 28	10 48	1 41	4 29	14 53	22 4	22 2	4 7	6 10	2 30
T 21	10 37	13 16	2 24	5 56	1 37	4 50	1 26	20 32	0 36	13 18	0 42	21 39	0 34	21 31	0 29	10 49	1 41	4 29	14 53	22 4	22 2	4 10	6 8	2 30
W22	10 58	7 36	3 26	6 39	1 32	5 19	1 26	20 42	0 36	13 15	0 42	21 39	0 34	21 31	0 29	10 50	1 41	4 29	14 53	22 5	22 3	4 13	6 7	2 30
T 23	11 19	1 23	4 15	7 23	1 27	5 48	1 25	20 51	0 37	13 12	0 42	21 39	0 34	21 31	0 29	10 51	1 41	4 28	14 53	22 6	22 3	4 16	6 6	2 30
F 24	11 40	5n 0	4 48	8 5	1 22	6 18	1 24	21 1	0 37	13 9	0 42	21 39	0 34	21 31	0 29	10 52	1 41	4 28	14 53	22 7	22 4	4 19	6 5	2 30
S 25	12 1	11 10	5 1	8 48	1 16	6 46	1 24	21 10	0 38	13 6	0 43	21 39	0 34	21 31	0 29	10 52	1 41	4 28	14 53	22 8	22 4	4 22	6 4	2 30
S 26	12 21	16 40	4 53	9 30	1 10	7 15	1 23	21 19	0 39	13 3	0 43	21 39	0 34	21 31	0 29	10 53	1 41	4 27	14 53	22 10	22 5	4 25	6 3	2 30
M27	12 42	21 4	4 25	10 12	1 4	7 44	1 22	21 28	0 39	13 0	0 43	21 39	0 34	21 31	0 29	10 54	1 41	4 27	14 53	22 11	22 5	4 28	6 2	2 29
T 28	13 2	24 1	3 40	10 53	0 58	8 12	1 21	21 36	0 40	12 58	0 43	21 39	0 34	21 31	0 29	10 55	1 41	4 27	14 53	22 12	22 6	4 31	6 1	2 29
W29	13 22	25 20	2 42	11 33	0 52	8 41	1 20	21 45	0 40	12 55	0 43	21 39	0 34	21 31	0 29	10 55	1 41	4 26	14 54	22 13	22 6	4 34	6 0	2 29
T 30	13 42	25 3	1 37	12 13	0 45	9 9	1 19	21 53	0 41	12 52	0 44	21 39	0 34	21 31	0 29	10 56	1 41	4 26	14 54	22 14	22 6	4 37	5 59	2 29
F 31	14s 1	23n19	0n29	12s53	0n39	9s37	1n18	22s 1	0s41	12n50	0n44	21n39	0s34	21n31	0n29	10s57	1n41	4n26	14s54	22s14	22s 7	4s40	5n57	2n29

Julian Day Number = 2496012.5, Delta T = 104.23 sec
Ecliptic obliquity = 23°25'28, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°26'29, Lahiri = 25°33'29

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ASTRODIENST EPHEMERIS for the year 2121
geocentric

NOVEMBER 2121 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 11	8♏33'14	25♋16	7♏34	29♎26	7♐ 0	28♌11	18°R 6	25°R24	3♏ 6	24°R34	17♑53	18♑41	0♎34	9°R15	S 1
S 2	2 45 7	9°33'11	7♌41	9°13	0♏41	7°44	28°19	18♋ 6	25♋24	3° 8	24♉33	17°R54	18°38	0°41	9♈12	S 2
M 3	2 49 4	10°33'11	19°50	10°51	1°56	8°27	28°27	18° 6	25°24	3°10	24°32	17°53	18°35	0°47	9°10	M 3
T 4	2 53 0	11°33'13	1♍48	12°29	3°11	9°11	28°34	18° 5	25°23	3°12	24°31	17°51	18°32	0°54	9° 8	T 4
W 5	2 56 57	12°33'17	13°40	14° 6	4°27	9°54	28°41	18° 5	25°23	3°14	24°30	17°47	18°29	1° 1	9° 6	W 5
T 6	3 0 53	13°33'23	25°30	15°43	5°42	10°38	28°49	18° 4	25°23	3°17	24°29	17°40	18°25	1° 7	9° 4	T 6
F 7	3 4 50	14°33'31	7♎22	17°19	6°57	11°22	28°56	18° 3	25°23	3°19	24°28	17°30	18°22	1°14	9° 1	F 7
S 8	3 8 46	15°33'41	19°19	18°55	8°13	12° 6	29° 3	18° 2	25°22	3°21	24°27	17°19	18°19	1°21	8°59	S 8
S 9	3 12 43	16°33'53	1♏23	20°30	9°28	12°50	29°10	18° 1	25°22	3°23	24°25	17° 7	18°16	1°28	8°57	S 9
M10	3 16 39	17°34'07	13°36	22° 6	10°43	13°33	29°16	18° 0	25°21	3°26	24°24	16°55	18°13	1°34	8°55	M10
T 11	3 20 36	18°34'23	25°58	23°40	11°58	14°18	29°23	17°59	25°21	3°28	24°23	16°44	18°10	1°41	8°53	T 11
W12	3 24 33	19°34'40	8♐29	25°15	13°14	15° 2	29°29	17°58	25°20	3°30	24°22	16°36	18° 6	1°48	8°51	W12
T 13	3 28 29	20°34'59	21°11	26°49	14°29	15°46	29°36	17°56	25°20	3°32	24°21	16°30	18° 3	1°54	8°50	T 13
F 14	3 32 26	21°35'20	4♑ 3	28°23	15°44	16°30	29°42	17°55	25°19	3°34	24°20	16°27	18° 0	2° 1	8°48	F 14
S 15	3 36 22	22°35'42	17° 7	29°56	17° 0	17°14	29°48	17°53	25°18	3°36	24°19	16°D27	17°57	2° 8	8°46	S 15
S 16	3 40 19	23°36'06	0♒25	1♐29	18°15	17°58	29°53	17°51	25°17	3°39	24°18	16°27	17°54	2°15	8°44	S 16
M17	3 44 15	24°36'30	13°58	3° 2	19°31	18°43	29°59	17°49	25°17	3°41	24°16	16°28	17°50	2°21	8°42	M17
T 18	3 48 12	25°36'57	27°47	4°35	20°46	19°27	0♍ 4	17°47	25°16	3°43	24°15	16°R29	17°47	2°28	8°41	T 18
W19	3 52 9	26°37'24	11♓53	6° 7	22° 1	20°12	0°10	17°45	25°15	3°45	24°14	16°28	17°44	2°35	8°39	W19
T 20	3 56 5	27°37'53	26°15	7°39	23°17	20°56	0°15	17°43	25°14	3°47	24°13	16°24	17°41	2°41	8°37	T 20
F 21	4 0 2	28°38'22	10♈51	9°11	24°32	21°41	0°20	17°41	25°13	3°49	24°12	16°19	17°38	2°48	8°36	F 21
S 22	4 3 58	29°38'54	25°34	10°43	25°47	22°26	0°25	17°38	25°12	3°51	24°11	16°12	17°35	2°55	8°34	S 22
S 23	4 7 55	0♐39'26	10♉19	12°14	27° 3	23°10	0°29	17°36	25°10	3°53	24°10	16° 5	17°31	3° 2	8°33	S 23
M24	4 11 51	1°40'00	24°57	13°45	28°18	23°55	0°34	17°33	25° 9	3°55	24° 9	15°58	17°28	3° 8	8°32	M24
T 25	4 15 48	2°40'35	9♊20	15°16	29°34	24°40	0°38	17°30	25° 8	3°57	24° 7	15°52	17°25	3°15	8°30	T 25
W26	4 19 44	3°41'12	23°24	16°47	0♐49	25°25	0°42	17°28	25° 7	3°59	24° 6	15°48	17°22	3°22	8°29	W26
T 27	4 23 41	4°41'51	7♋ 4	18°17	2° 5	26°10	0°46	17°25	25° 5	4° 1	24° 5	15°46	17°19	3°28	8°28	T 27
F 28	4 27 38	5°42'31	20°19	19°47	3°20	26°55	0°50	17°22	25° 4	4° 3	24° 4	15°D45	17°16	3°35	8°27	F 28
S 29	4 31 34	6°43'12	3♌10	21°17	4°35	27°40	0°53	17°19	25° 2	4° 5	24° 3	15°46	17°12	3°42	8°25	S 29
S 30	4 35 31	7♐43'55	15♌40	22♐46	5♐51	28♐25	0♍57	17♋16	25♋ 1	4♏ 7	24♉ 2	15♑48	17♑ 9	3♎49	8♈24	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s21	20n26	0s39	13s31	0n32	10s 4	1n16	22s 9	0s42	12n47	0n44	21n39	0s34	21n31	0n29	10s58	1n41	4n26	14s54	22s14	22s 7	4s43	5n56	2n29
S 2	14 40	16 40	1 43	14 9	0 25	10 32	1 15	22 17	0 42	12 45	0 44	21 39	0 34	21 31	0 29	10 58	1 41	4 25	14 54	22 14	22 8	4 46	5 55	2 29
M 3	14 59	12 18	2 41	14 47	0 19	10 59	1 14	22 24	0 43	12 42	0 44	21 39	0 34	21 31	0 29	10 59	1 41	4 25	14 54	22 14	22 8	4 49	5 54	2 28
T 4	15 17	7 32	3 31	15 23	0 12	11 26	1 12	22 31	0 43	12 40	0 45	21 39	0 34	21 31	0 29	11 0	1 41	4 25	14 54	22 14	22 9	4 51	5 53	2 28
W 5	15 36	2 33	4 12	15 59	0 5	11 53	1 11	22 38	0 44	12 37	0 45	21 39	0 34	21 31	0 29	11 1	1 41	4 24	14 54	22 15	22 9	4 54	5 52	2 28
T 6	15 54	2s31	4 41	16 33	0s 2	12 19	1 9	22 45	0 44	12 35	0 45	21 39	0 33	21 31	0 29	11 1	1 41	4 24	14 54	22 16	22 9	4 57	5 51	2 28
F 7	16 12	7 29	4 58	17 7	0 8	12 45	1 8	22 52	0 45	12 33	0 45	21 39	0 33	21 32	0 29	11 2	1 41	4 24	14 54	22 17	22 10	5 0	5 50	2 28
S 8	16 29	12 13	5 3	17 41	0 15	13 11	1 6	22 58	0 45	12 30	0 45	21 39	0 33	21 32	0 29	11 3	1 41	4 24	14 54	22 18	22 10	5 3	5 49	2 28
S 9	16 47	16 32	4 54	18 13	0 22	13 37	1 5	23 4	0 45	12 28	0 46	21 40	0 33	21 32	0 29	11 4	1 41	4 23	14 54	22 20	22 11	5 6	5 48	2 28
M10	17 4	20 13	4 31	18 44	0 28	14 2	1 3	23 10	0 46	12 26	0 46	21 40	0 33	21 32	0 29	11 4	1 41	4 23	14 54	22 21	22 11	5 9	5 48	2 27
T 11	17 21	23 3	3 56	19 14	0 35	14 27	1 1	23 16	0 46	12 24	0 46	21 40	0 33	21 32	0 29	11 5	1 41	4 23	14 54	22 23	22 12	5 12	5 47	2 27
W12	17 37	24 48	3 8	19 44	0 41	14 51	0 59	23 22	0 47	12 22	0 46	21 40	0 33	21 32	0 29	11 6	1 41	4 22	14 54	22 24	22 12	5 15	5 46	2 27
T 13	17 53	25 19	2 11	20 12	0 48	15 15	0 58	23 27	0 47	12 20	0 47	21 41	0 33	21 32	0 29	11 6	1 41	4 22	14 54	22 24	22 12	5 18	5 45	2 27
F 14	18 9	24 28	1 6	20 40	0 54	15 39	0 56	23 32	0 48	12 18	0 47	21 41	0 33	21 32	0 29	11 7	1 41	4 22	14 54	22 25	22 13	5 20	5 44	2 27
S 15	18 24	22 16	0n 4	21 6	1 0	16 2	0 54	23 37	0 48	12 16	0 47	21 41	0 33	21 33	0 29	11 8	1 41	4 22	14 54	22 25	22 13	5 23	5 43	2 27
S 16	18 40	18 50	1 14	21 32	1 6	16 25	0 52	23 41	0 49	12 14	0 47	21 41	0 33	21 33	0 29	11 9	1 41	4 22	14 54	22 25	22 14	5 26	5 42	2 26
M17	18 55	14 21	2 22	21 56	1 12	16 48	0 50	23 46	0 49	12 13	0 47	21 42	0 33	21 33	0 29	11 9	1 41	4 21	14 54	22 25	22 14	5 29	5 41	2 26
T 18	19 9	9 3	3 24	22 19	1 18	17 10	0 48	23 50	0 49	12 11	0 48	21 42	0 33	21 33	0 29	11 10	1 41	4 21	14 54	22 25	22 15	5 32	5 41	2 26
W19	19 23	3 11	4 14	22 41	1 24	17 31	0 46	23 53	0 50	12 9	0 48	21 42	0 33	21 33	0 29	11 11	1 41	4 21	14 54	22 25	22 15	5 35	5 40	2 26
T 20	19 37	2n56	4 49	23 2	1 29	17 52	0 44	23 57	0 50	12 8	0 48	21 43	0 33	21 34	0 30	11 11	1 41	4 21	14 54	22 25	22 15	5 38	5 39	2 26
F 21	19 51	8 59	5 6	23 22	1 34	18 13	0 42	24 0	0 51	12 6	0 48	21 43	0 33	21 34	0 30	11 12	1 41	4 20	14 54	22 26	22 16	5 41	5 38	2 26
S 22	20 4	14 35	5 3	23 41	1 39	18 33	0 40	24 3	0 51	12 5	0 49	21 43	0 33	21 34	0 30	11 13	1 41	4 20	14 54	22 26	22 16	5 44	5 37	2 25
S 23	20 17	19 20	4 41	23 58	1 44	18 53	0 37	24 6	0 52	12 3	0 49	21 44	0 33	21 34	0 30	11 13	1 41	4 20	14 54	22 27	22 17	5 46	5 37	2 25
M24	20 29	22 52	4 0	24 14	1 49	19 12	0 35	24 9	0 52	12 2	0 49	21 44	0 33	21 35	0 30	11 14	1 41	4 20	14 54	22 28	22 17	5 49	5 36	2 25
T 25	20 41	24 52	3 4	24 29	1 53	19 30	0 33	24 11	0 52	12 1	0 49	21 44	0 33	21 35	0 30	11 15	1 41	4 20	14 54	22 29	22 17	5 52	5 35	2 25
W26	20 53	25 14	1 58	24 43	1 58	19 48	0 31	24 13	0 53	11 59	0 50	21 45	0 32	21 35	0 30	11 15	1 41	4 19	14 54	22 29	22 18	5 55	5 35	2 25
T 27	21 4	24 1	0 47	24 56	2 2	20 6	0 29	24 15	0 53	11 58	0 50	21 45	0 32	21 35	0 30	11 16	1 41	4 19	14 53	22 30	22 18	5 58	5 34	2 24
F 28	21 15	21 29	0s25	25 7	2 5	20 23	0 26	24 17	0 53	11 57	0 50	21 46	0 32	21 36	0 30	11 17	1 41	4 19	14 53	22 30	22 19	6 1	5 33	2 24
S 29	21 25	17 55	1 33	25 17	2 9	20 39	0 24	24 18	0 54	11 56	0 50	21 46	0 32	21 36	0 30	11 17	1 41	4 19	14 53	22 30	22 19	6 4	5 33	2 24
S 30	21s35	13n39	2s35	25s25	2s12	20s55	0n22	24s19	0s54	11n55	0n50	21n47	0s32	21n36	0n30	11s18	1n41	4n19	14s53	22s29	22s19	6s 6	5n32	2n24

Julian Day Number = 2496043.5, Delta T = 104.28 sec
Ecliptic obliquity = 23°25'27, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°26'33, Lahiri = 25°33'34

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ASTRODIENST EPHEMERIS for the year 2121
geocentric

DECEMBER 2121 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 39 27	8♐44'39	27♌53	24♐15	7♐ 6	29♐10	1♍ 0	17°R12	24°R59	4♏ 9	24°R 1	15♑50	17♑ 6	3♎55	8°R23	M 1
T 2	4 43 24	9°45'25	9♍54	25°43	8°22	29°55	1° 3	17♋ 9	24♋58	4°11	24♉ 0	15°R50	17° 3	4° 2	8♈22	T 2
W 3	4 47 20	10°46'13	21°47	27°11	9°37	0♑41	1° 6	17° 6	24°56	4°13	23°59	15°49	17° 0	4° 9	8°21	W 3
T 4	4 51 17	11°47'01	3♎39	28°39	10°53	1°26	1° 9	17° 2	24°55	4°15	23°58	15°47	16°56	4°16	8°20	T 4
F 5	4 55 13	12°47'52	15°33	0♑ 5	12° 8	2°11	1°11	16°59	24°53	4°17	23°57	15°43	16°53	4°22	8°20	F 5
S 6	4 59 10	13°48'43	27°33	1°31	13°24	2°57	1°13	16°55	24°51	4°19	23°56	15°38	16°50	4°29	8°19	S 6
S 7	5 3 7	14°49'36	9♏42	2°56	14°39	3°42	1°16	16°51	24°49	4°20	23°55	15°33	16°47	4°36	8°18	S 7
M 8	5 7 3	15°50'30	22° 4	4°20	15°55	4°28	1°18	16°47	24°48	4°22	23°53	15°27	16°44	4°42	8°17	M 8
T 9	5 11 0	16°51'26	4♐39	5°43	17°10	5°13	1°19	16°43	24°46	4°24	23°52	15°22	16°41	4°49	8°17	T 9
W10	5 14 56	17°52'22	17°28	7° 4	18°26	5°59	1°21	16°40	24°44	4°26	23°51	15°18	16°37	4°56	8°16	W10
T 11	5 18 53	18°53'20	0♑30	8°24	19°41	6°45	1°22	16°35	24°42	4°27	23°50	15°16	16°34	5° 3	8°16	T 11
F 12	5 22 49	19°54'18	13°46	9°42	20°57	7°31	1°23	16°31	24°40	4°29	23°49	15°D15	16°31	5° 9	8°15	F 12
S 13	5 26 46	20°55'17	27°14	10°57	22°12	8°16	1°24	16°27	24°38	4°31	23°48	15°16	16°28	5°16	8°15	S 13
S 14	5 30 42	21°56'17	10♒53	12°10	23°28	9° 2	1°25	16°23	24°36	4°32	23°47	15°17	16°25	5°23	8°14	S 14
M15	5 34 39	22°57'18	24°41	13°19	24°43	9°48	1°26	16°19	24°34	4°34	23°46	15°19	16°22	5°29	8°14	M15
T 16	5 38 36	23°58'18	8♓39	14°25	25°58	10°34	1°26	16°14	24°32	4°36	23°46	15°20	16°18	5°36	8°14	T 16
W17	5 42 32	24°59'20	22°44	15°27	27°14	11°20	1°R26	16°10	24°30	4°37	23°45	15°R20	16°15	5°43	8°14	W17
T 18	5 46 29	26° 0'21	6♈56	16°25	28°29	12° 6	1°26	16° 5	24°27	4°39	23°44	15°20	16°12	5°50	8°14	T 18
F 19	5 50 25	27° 1'23	21°11	17°16	29°45	12°52	1°26	16° 1	24°25	4°40	23°43	15°19	16° 9	5°56	8°14	F 19
S 20	5 54 22	28° 2'26	5♉28	18° 2	1♑ 0	13°38	1°26	15°56	24°23	4°42	23°42	15°17	16° 6	6° 3	8°D14	S 20
S 21	5 58 18	29° 3'29	19°43	18°41	2°16	14°24	1°25	15°52	24°21	4°43	23°41	15°15	16° 2	6°10	8°14	S 21
M22	6 2 15	0♑ 4'32	3♊51	19°11	3°31	15°11	1°24	15°47	24°18	4°45	23°40	15°12	15°59	6°17	8°14	M22
T 23	6 6 11	1° 5'36	17°48	19°33	4°47	15°57	1°23	15°43	24°16	4°46	23°39	15°11	15°56	6°23	8°14	T 23
W24	6 10 8	2° 6'40	1♋31	19°45	6° 2	16°43	1°22	15°38	24°14	4°48	23°38	15°10	15°53	6°30	8°14	W24
T 25	6 14 5	3° 7'45	14°57	19°R47	7°18	17°29	1°21	15°33	24°11	4°49	23°37	15°D 9	15°50	6°37	8°14	T 25
F 26	6 18 1	4° 8'50	28° 4	19°37	8°33	18°16	1°19	15°28	24° 9	4°51	23°37	15°10	15°47	6°43	8°15	F 26
S 27	6 21 58	5° 9'56	10♌52	19°16	9°49	19° 2	1°17	15°23	24° 7	4°52	23°36	15°10	15°43	6°50	8°15	S 27
S 28	6 25 54	6°11'02	23°22	18°43	11° 4	19°49	1°15	15°19	24° 4	4°53	23°35	15°11	15°40	6°57	8°16	S 28
M29	6 29 51	7°12'09	5♍37	17°59	12°20	20°35	1°13	15°14	24° 2	4°54	23°34	15°12	15°37	7° 4	8°16	M29
T 30	6 33 47	8°13'16	17°40	17° 3	13°35	21°22	1°11	15° 9	23°59	4°56	23°33	15°13	15°34	7°10	8°17	T 30
W31	6 37 44	9♑14'23	29♍36	15♑58	14♑50	22♑ 8	1♍ 8	15♋ 4	23♋57	4♏57	23♉33	15♑13	15♑31	7♎17	8♈17	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s45	8n56	3s29	25s32	2s15	21s10	0n19	24s20	0s55	11n54	0n51	21n47	0s32	21n37	0n30	11s18	1n41	4n19	14s53	22s29	22s20	6s 9	5n31	2n24
T 2	21 54	3 57	4 13	25 38	2 17	21 24	0 17	24 20	0 55	11 53	0 51	21 48	0 32	21 37	0 30	11 19	1 41	4 19	14 53	22 29	22 20	6 12	5 31	2 24
W 3	22 3	1s 7	4 45	25 43	2 19	21 38	0 15	24 21	0 55	11 52	0 51	21 48	0 32	21 37	0 30	11 20	1 41	4 18	14 53	22 29	22 21	6 15	5 30	2 23
T 4	22 11	6 7	5 5	25 46	2 20	21 52	0 12	24 21	0 56	11 52	0 51	21 49	0 32	21 37	0 30	11 20	1 41	4 18	14 53	22 29	22 21	6 18	5 30	2 23
F 5	22 19	10 54	5 12	25 47	2 22	22 4	0 10	24 20	0 56	11 51	0 52	21 49	0 32	21 38	0 30	11 21	1 41	4 18	14 53	22 30	22 21	6 21	5 29	2 23
S 6	22 27	15 20	5 5	25 47	2 22	22 16	0 7	24 20	0 56	11 51	0 52	21 50	0 32	21 38	0 30	11 21	1 41	4 18	14 52	22 31	22 22	6 24	5 29	2 23
S 7	22 34	19 12	4 45	25 46	2 23	22 27	0 5	24 19	0 57	11 50	0 52	21 50	0 32	21 38	0 30	11 22	1 41	4 18	14 52	22 31	22 22	6 26	5 28	2 23
M 8	22 40	22 18	4 11	25 43	2 22	22 38	0 3	24 18	0 57	11 50	0 52	21 51	0 32	21 39	0 30	11 23	1 41	4 18	14 52	22 32	22 23	6 29	5 28	2 22
T 9	22 47	24 24	3 24	25 39	2 21	22 48	0 0	24 16	0 57	11 49	0 53	21 51	0 32	21 39	0 30	11 23	1 42	4 18	14 52	22 32	22 23	6 32	5 28	2 22
W10	22 52	25 16	2 27	25 34	2 20	22 57	0s 2	24 15	0 58	11 49	0 53	21 52	0 32	21 40	0 30	11 24	1 42	4 18	14 52	22 33	22 23	6 35	5 27	2 22
T 11	22 58	24 45	1 20	25 27	2 18	23 6	0 5	24 13	0 58	11 49	0 53	21 52	0 31	21 40	0 30	11 24	1 42	4 18	14 52	22 33	22 24	6 38	5 27	2 22
F 12	23 2	22 51	0 8	25 19	2 15	23 14	0 7	24 11	0 58	11 48	0 53	21 53	0 31	21 40	0 30	11 25	1 42	4 18	14 52	22 33	22 24	6 41	5 26	2 22
S 13	23 7	19 38	1n 5	25 9	2 11	23 21	0 9	24 8	0 58	11 48	0 54	21 54	0 31	21 41	0 30	11 25	1 42	4 17	14 51	22 33	22 25	6 43	5 26	2 21
S 14	23 11	15 18	2 16	24 58	2 7	23 27	0 12	24 6	0 59	11 48	0 54	21 54	0 31	21 41	0 30	11 26	1 42	4 17	14 51	22 33	22 25	6 46	5 26	2 21
M15	23 14	10 8	3 20	24 46	2 1	23 33	0 14	24 3	0 59	11 48	0 54	21 55	0 31	21 41	0 30	11 26	1 42	4 17	14 51	22 33	22 25	6 49	5 25	2 21
T 16	23 17	4 25	4 13	24 33	1 55	23 38	0 16	23 59	0 59	11 48	0 54	21 55	0 31	21 42	0 30	11 27	1 42	4 17	14 51	22 33	22 26	6 52	5 25	2 21
W17	23 20	1n35	4 51	24 19	1 48	23 42	0 19	23 56	1 0	11 49	0 55	21 56	0 31	21 42	0 30	11 27	1 42	4 17	14 51	22 33	22 26	6 55	5 25	2 21
T 18	23 22	7 31	5 12	24 4	1 40	23 46	0 21	23 52	1 0	11 49	0 55	21 57	0 31	21 43	0 30	11 28	1 42	4 17	14 50	22 33	22 27	6 58	5 25	2 20
F 19	23 23	13 6	5 14	23 48	1 30	23 49	0 23	23 48	1 0	11 49	0 55	21 57	0 31	21 43	0 30	11 28	1 42	4 17	14 50	22 33	22 27	7 0	5 24	2 20
S 20	23 25	17 59	4 56	23 32	1 20	23 51	0 26	23 44	1 0	11 50	0 56	21 58	0 31	21 44	0 30	11 29	1 42	4 17	14 50	22 33	22 27	7 3	5 24	2 20
S 21	23 25	21 50	4 20	23 15	1 8	23 52	0 28	23 39	1 1	11 50	0 56	21 58	0 31	21 44	0 30	11 29	1 42	4 17	14 50	22 33	22 28	7 6	5 24	2 20
M22	23 25	24 19	3 29	22 58	0 55	23 53	0 30	23 34	1 1	11 51	0 56	21 59	0 31	21 44	0 30	11 30	1 42	4 17	14 50	22 33	22 28	7 9	5 24	2 20
T 23	23 25	25 17	2 26	22 41	0 41	23 53	0 33	23 29	1 1	11 51	0 56	22 0	0 30	21 45	0 30	11 30	1 42	4 17	14 49	22 34	22 28	7 12	5 24	2 19
W24	23 24	24 40	1 15	22 24	0 26	23 52	0 35	23 24	1 1	11 52	0 57	22 0	0 30	21 45	0 30	11 30	1 42	4 17	14 49	22 34	22 29	7 14	5 24	2 19
T 25	23 23	22 36	0 1	22 7	0 9	23 50	0 37	23 18	1 1	11 52	0 57	22 1	0 30	21 46	0 30	11 31	1 42	4 17	14 49	22 34	22 29	7 17	5 24	2 19
F 26	23 22	19 23	1s11	21 51	0n 9	23 48	0 39	23 12	1 2	11 53	0 57	22 2	0 30	21 46	0 30	11 31	1 42	4 17	14 49	22 34	22 30	7 20	5 24	2 19
S 27	23 19	15 17	2 18	21 35	0 27	23 45	0 41	23 6	1 2	11 54	0 57	22 2	0 30	21 47	0 30	11 32	1 42	4 17	14 49	22 34	22 30	7 23	5 24	2 19
S 28	23 17	10 38	3 16	21 21	0 47	23 41	0 43	22 59	1 2	11 55	0 58	22 3	0 30	21 47	0 30	11 32	1 42	4 17	14 48	22 34	22 30	7 26	5 24	2 18
M29	23 14	5 39	4 5	21 7	1 6	23 37	0 46	22 52	1 2	11 56	0 58	22 4	0 30	21 47	0 30	11 32	1 42	4 17	14 48	22 33	22 31	7 28	5 24	2 18
T 30	23 10	0 33	4 41	20 55	1 26	23 31	0 48	22 46	1 2	11 57	0 58	22 4	0 30	21 48	0 31	11 33	1 43	4 18	14 48	22 33	22 31	7 31	5 24	2 18
W31	23s 6	4s31	5s 5	20s44	1n45	23s25	0s50	22s38	1s 3	11n58	0n58	22n 5	0s30	21n48	0n31	11s33	1n43	4n18	14s48	22s33	22s31	7s34	5n24	2n18

Julian Day Number = 2496073.5, Delta T = 104.32 sec
Ecliptic obliquity = 23°25'27, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°26'37, Lahiri = 25°33'38

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ASTRODIENST EPHEMERIS for the year 2122
geocentric

JANUARY 2122 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 40	10♑15'31	11♎28	14°R46	16♑ 6	22♑55	1°R 6	14°R59	23°R54	4♏58	23°R32	15°R13	15♑28	7♎24	8♈18	T 1
F 2	6 45 37	11°16'40	23°22	13♑27	17°21	23°41	1♍ 3	14♋54	23♋52	4°59	23♉31	15♑13	15°24	7°30	8°19	F 2
S 3	6 49 34	12°17'49	5♏22	12° 6	18°37	24°28	0°59	14°49	23°49	5° 0	23°31	15°13	15°21	7°37	8°19	S 3
S 4	6 53 30	13°18'59	17°33	10°45	19°52	25°15	0°56	14°44	23°47	5° 1	23°30	15°13	15°18	7°44	8°20	S 4
M 5	6 57 27	14°20'08	29°59	9°26	21° 8	26° 1	0°53	14°39	23°44	5° 3	23°29	15°13	15°15	7°51	8°21	M 5
T 6	7 1 23	15°21'18	12♐42	8°11	22°23	26°48	0°49	14°34	23°42	5° 4	23°29	15°D13	15°12	7°57	8°22	T 6
W 7	7 5 20	16°22'29	25°44	7° 4	23°39	27°35	0°45	14°29	23°39	5° 5	23°28	15°13	15° 8	8° 4	8°23	W 7
T 8	7 9 16	17°23'39	9♑ 5	6° 4	24°54	28°22	0°41	14°24	23°36	5° 6	23°27	15°R13	15° 5	8°11	8°24	T 8
F 9	7 13 13	18°24'49	22°45	5°14	26° 9	29° 9	0°37	14°19	23°34	5° 7	23°27	15°13	15° 2	8°18	8°25	F 9
S 10	7 17 10	19°25'59	6♒41	4°34	27°25	29°56	0°33	14°15	23°31	5° 7	23°26	15°13	14°59	8°24	8°26	S 10
S 11	7 21 6	20°27'09	20°49	4° 4	28°40	0♒43	0°28	14°10	23°29	5° 8	23°26	15°12	14°56	8°31	8°28	S 11
M12	7 25 3	21°28'18	5♓ 5	3°44	29°56	1°30	0°23	14° 5	23°26	5° 9	23°25	15°11	14°53	8°38	8°29	M12
T 13	7 28 59	22°29'27	19°25	3°33	1♒11	2°17	0°19	14° 0	23°23	5°10	23°25	15°11	14°49	8°44	8°30	T 13
W14	7 32 56	23°30'35	3♈44	3°D32	2°27	3° 4	0°13	13°55	23°21	5°11	23°24	15°10	14°46	8°51	8°31	W14
T 15	7 36 52	24°31'43	17°59	3°39	3°42	3°51	0° 8	13°50	23°18	5°11	23°24	15°D 9	14°43	8°58	8°33	T 15
F 16	7 40 49	25°32'50	2♉ 8	3°54	4°57	4°38	0° 3	13°45	23°16	5°12	23°23	15° 9	14°40	9° 5	8°34	F 16
S 17	7 44 45	26°33'56	16° 9	4°16	6°13	5°25	29♌57	13°41	23°13	5°13	23°23	15°10	14°37	9°11	8°36	S 17
S 18	7 48 42	27°35'02	29°59	4°44	7°28	6°12	29°52	13°36	23°10	5°14	23°22	15°11	14°34	9°18	8°37	S 18
M19	7 52 39	28°36'07	13♊39	5°18	8°43	6°59	29°46	13°31	23° 8	5°14	23°22	15°12	14°30	9°25	8°39	M19
T 20	7 56 35	29°37'11	27° 7	5°58	9°59	7°46	29°40	13°26	23° 5	5°15	23°22	15°13	14°27	9°32	8°41	T 20
W21	8 0 32	0♒38'15	10♋23	6°42	11°14	8°33	29°34	13°22	23° 3	5°15	23°21	15°R14	14°24	9°38	8°42	W21
T 22	8 4 28	1°39'18	23°26	7°31	12°29	9°20	29°28	13°17	23° 0	5°16	23°21	15°14	14°21	9°45	8°44	T 22
F 23	8 8 25	2°40'20	6♌16	8°24	13°44	10° 8	29°21	13°13	22°58	5°16	23°21	15°13	14°18	9°52	8°46	F 23
S 24	8 12 21	3°41'22	18°53	9°20	15° 0	10°55	29°15	13° 8	22°55	5°17	23°20	15°11	14°14	9°58	8°48	S 24
S 25	8 16 18	4°42'23	1♍17	10°19	16°15	11°42	29° 8	13° 4	22°52	5°17	23°20	15° 8	14°11	10° 5	8°50	S 25
M26	8 20 14	5°43'23	13°29	11°22	17°30	12°29	29° 2	12°59	22°50	5°17	23°20	15° 4	14° 8	10°12	8°52	M26
T 27	8 24 11	6°44'23	25°31	12°26	18°45	13°17	28°55	12°55	22°47	5°18	23°19	15° 1	14° 5	10°19	8°54	T 27
W28	8 28 8	7°45'22	7♎27	13°34	20° 1	14° 4	28°48	12°51	22°45	5°18	23°19	14°57	14° 2	10°25	8°56	W28
T 29	8 32 4	8°46'20	19°19	14°43	21°16	14°51	28°41	12°47	22°42	5°18	23°19	14°55	13°59	10°32	8°58	T 29
F 30	8 36 1	9°47'18	1♏12	15°54	22°31	15°39	28°34	12°43	22°40	5°19	23°19	14°53	13°55	10°39	9° 0	F 30
S 31	8 39 57	10♒48'16	13♏10	17♑ 7	23♒46	16♒26	28♌27	12♋38	22♋38	5♏19	23♉19	14°D53	13♑52	10♎45	9♈ 2	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 2	9s23	5s16	20s34	2n 3	23s18	0s52	22s31	1s 3	11n59	0n59	22n 6	0s30	21n49	0n31	11s33	1n43	4n18	14s47	22s33	22s32	7s37	5n24	2n18
F 2	22 57	13 56	5 14	20 25	2 20	23 11	0 54	22 23	1 3	12 1	0 59	22 6	0 30	21 49	0 31	11 34	1 43	4 18	14 47	22 33	22 32	7 39	5 24	2 17
S 3	22 51	17 59	4 58	20 18	2 35	23 3	0 56	22 15	1 3	12 2	0 59	22 7	0 29	21 50	0 31	11 34	1 43	4 18	14 47	22 33	22 32	7 42	5 24	2 17
S 4	22 46	21 21	4 28	20 12	2 48	22 54	0 57	22 7	1 3	12 3	0 59	22 7	0 29	21 50	0 31	11 34	1 43	4 18	14 47	22 33	22 33	7 45	5 24	2 17
M 5	22 39	23 48	3 45	20 7	2 59	22 44	0 59	21 58	1 4	12 5	1 0	22 8	0 29	21 51	0 31	11 35	1 43	4 18	14 46	22 33	22 33	7 48	5 24	2 17
T 6	22 32	25 8	2 51	20 4	3 7	22 34	1 1	21 49	1 4	12 6	1 0	22 9	0 29	21 51	0 31	11 35	1 43	4 18	14 46	22 33	22 34	7 51	5 25	2 17
W 7	22 25	25 7	1 46	20 2	3 13	22 23	1 3	21 40	1 4	12 8	1 0	22 9	0 29	21 51	0 31	11 35	1 43	4 18	14 46	22 33	22 34	7 53	5 25	2 16
T 8	22 18	23 41	0 34	20 2	3 16	22 12	1 4	21 31	1 4	12 10	1 0	22 10	0 29	21 52	0 31	11 36	1 43	4 18	14 45	22 33	22 34	7 56	5 25	2 16
F 9	22 10	20 49	0n42	20 3	3 17	21 59	1 6	21 22	1 4	12 11	1 0	22 11	0 29	21 52	0 31	11 36	1 43	4 19	14 45	22 33	22 35	7 59	5 25	2 16
S 10	22 1	16 43	1 56	20 5	3 15	21 46	1 8	21 12	1 4	12 13	1 1	22 11	0 29	21 53	0 31	11 36	1 43	4 19	14 45	22 33	22 35	8 2	5 26	2 16
S 11	21 52	11 38	3 5	20 9	3 13	21 33	1 9	21 2	1 4	12 15	1 1	22 12	0 29	21 53	0 31	11 36	1 43	4 19	14 45	22 33	22 35	8 4	5 26	2 16
M12	21 43	5 53	4 3	20 14	3 8	21 18	1 11	20 52	1 4	12 17	1 1	22 13	0 28	21 54	0 31	11 37	1 43	4 19	14 44	22 34	22 36	8 7	5 26	2 16
T 13	21 33	0n11	4 45	20 20	3 2	21 3	1 12	20 41	1 4	12 19	1 1	22 13	0 28	21 54	0 31	11 37	1 43	4 19	14 44	22 34	22 36	8 10	5 27	2 15
W14	21 23	6 14	5 10	20 27	2 56	20 48	1 14	20 31	1 5	12 21	1 2	22 14	0 28	21 55	0 31	11 37	1 43	4 19	14 44	22 34	22 36	8 13	5 27	2 15
T 15	21 12	11 55	5 16	20 35	2 48	20 32	1 15	20 20	1 5	12 23	1 2	22 14	0 28	21 55	0 31	11 37	1 43	4 19	14 43	22 34	22 37	8 15	5 27	2 15
F 16	21 1	16 57	5 3	20 42	2 40	20 15	1 16	20 8	1 5	12 25	1 2	22 15	0 28	21 56	0 31	11 37	1 43	4 20	14 43	22 34	22 37	8 18	5 28	2 15
S 17	20 50	20 59	4 32	20 51	2 31	19 58	1 18	19 57	1 5	12 27	1 2	22 16	0 28	21 56	0 31	11 37	1 44	4 20	14 43	22 34	22 37	8 21	5 28	2 15
S 18	20 38	23 48	3 45	20 59	2 21	19 40	1 19	19 46	1 5	12 29	1 3	22 16	0 28	21 56	0 31	11 38	1 44	4 20	14 43	22 34	22 38	8 24	5 29	2 14
M19	20 26	25 10	2 46	21 7	2 12	19 21	1 20	19 34	1 5	12 32	1 3	22 17	0 28	21 57	0 31	11 38	1 44	4 20	14 42	22 34	22 38	8 26	5 29	2 14
T 20	20 13	25 2	1 38	21 16	2 2	19 2	1 21	19 22	1 5	12 34	1 3	22 17	0 27	21 57	0 31	11 38	1 44	4 20	14 42	22 33	22 38	8 29	5 30	2 14
W21	20 0	23 28	0 27	21 23	1 52	18 43	1 22	19 9	1 5	12 36	1 3	22 18	0 27	21 58	0 31	11 38	1 44	4 21	14 42	22 33	22 39	8 32	5 30	2 14
T 22	19 47	20 39	0s45	21 31	1 42	18 23	1 23	18 57	1 5	12 39	1 3	22 19	0 27	21 58	0 31	11 38	1 44	4 21	14 41	22 33	22 39	8 34	5 31	2 14
F 23	19 33	16 52	1 54	21 38	1 32	18 2	1 24	18 44	1 5	12 41	1 4	22 19	0 27	21 59	0 31	11 38	1 44	4 21	14 41	22 33	22 39	8 37	5 31	2 14
S 24	19 19	12 23	2 55	21 44	1 22	17 41	1 25	18 32	1 5	12 43	1 4	22 20	0 27	21 59	0 31	11 38	1 44	4 21	14 41	22 34	22 40	8 40	5 32	2 13
S 25	19 5	7 28	3 47	21 50	1 12	17 19	1 26	18 19	1 5	12 46	1 4	22 20	0 27	21 59	0 31	11 38	1 44	4 22	14 40	22 34	22 40	8 43	5 32	2 13
M26	18 50	2 22	4 28	21 54	1 2	16 57	1 26	18 5	1 5	12 48	1 4	22 21	0 27	22 0	0 31	11 38	1 44	4 22	14 40	22 34	22 40	8 45	5 33	2 13
T 27	18 35	2s45	4 56	21 58	0 52	16 34	1 27	17 52	1 5	12 51	1 4	22 21	0 27	22 0	0 31	11 39	1 44	4 22	14 40	22 35	22 41	8 48	5 34	2 13
W28	18 19	7 43	5 11	22 1	0 43	16 11	1 28	17 38	1 5	12 54	1 4	22 22	0 26	22 1	0 31	11 39	1 44	4 22	14 39	22 35	22 41	8 51	5 34	2 13
T 29	18 3	12 23	5 13	22 3	0 34	15 48	1 28	17 24	1 5	12 56	1 5	22 22	0 26	22 1	0 31	11 39	1 44	4 23	14 39	22 35	22 41	8 53	5 35	2 12
F 30	17 47	16 35	5 2	22 5	0 24	15 24	1 29	17 10	1 5	12 59	1 5	22 23	0 26	22 2	0 31	11 39	1 44	4 23	14 39	22 36	22 42	8 56	5 36	2 12
S 31	17s31	20s11	4s37	22s 5	0n15	14s59	1s29	16s56	1s 5	13n 1	1n 5	22n23	0s26	22n 2	0n31	11s39	1n44	4n23	14s38	22s36	22s42	8s59	5n36	2n12

Julian Day Number = 2496104.5, Delta T = 104.37 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°26'42, Lahiri = 25°33'42

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2122
geocentric

FEBRUARY 2122 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 54	11♒49'12	25♏19	18♑22	25♒ 1	17♒13	28°R19	12°R34	22°R35	5♏19	23°R19	14♑54	13♑49	10♎52	9♈ 4	S 1
M 2	8 47 50	12°50'08	7♐42	19°39	26°17	18° 1	28♌12	12♋31	22♋33	5°19	23♉19	14°55	13°46	10°59	9° 7	M 2
T 3	8 51 47	13°51'04	20°24	20°56	27°32	18°48	28° 4	12°27	22°30	5°19	23°18	14°57	13°43	11° 6	9° 9	T 3
W 4	8 55 43	14°51'58	3♑30	22°15	28°47	19°35	27°57	12°23	22°28	5°19	23°18	14°58	13°40	11°12	9°11	W 4
T 5	8 59 40	15°52'52	17° 0	23°36	0♓ 2	20°23	27°49	12°19	22°26	5°R19	23°18	14°R59	13°36	11°19	9°14	T 5
F 6	9 3 37	16°53'45	0♒55	24°57	1°17	21°10	27°42	12°16	22°23	5°19	23°D18	14°58	13°33	11°26	9°16	F 6
S 7	9 7 33	17°54'37	15°12	26°20	2°32	21°58	27°34	12°12	22°21	5°19	23°18	14°55	13°30	11°33	9°19	S 7
S 8	9 11 30	18°55'27	29°48	27°44	3°47	22°45	27°26	12° 9	22°19	5°19	23°18	14°51	13°27	11°39	9°21	S 8
M 9	9 15 26	19°56'17	14♓34	29° 9	5° 2	23°33	27°18	12° 5	22°17	5°19	23°18	14°46	13°24	11°46	9°24	M 9
T 10	9 19 23	20°57'04	29°23	0♒35	6°17	24°20	27°11	12° 2	22°14	5°19	23°19	14°40	13°20	11°53	9°26	T 10
W11	9 23 19	21°57'51	14♈ 7	2° 1	7°32	25° 8	27° 3	11°59	22°12	5°19	23°19	14°35	13°17	11°59	9°29	W11
T 12	9 27 16	22°58'36	28°39	3°29	8°47	25°55	26°55	11°55	22°10	5°19	23°19	14°31	13°14	12° 6	9°32	T 12
F 13	9 31 12	23°59'19	12♉56	4°58	10° 2	26°42	26°47	11°52	22° 8	5°18	23°19	14°29	13°11	12°13	9°34	F 13
S 14	9 35 9	25° 0'01	26°54	6°27	11°17	27°30	26°39	11°50	22° 6	5°18	23°19	14°D28	13° 8	12°20	9°37	S 14
S 15	9 39 6	26° 0'41	10♊34	7°58	12°32	28°17	26°31	11°47	22° 4	5°18	23°19	14°29	13° 5	12°26	9°40	S 15
M16	9 43 2	27° 1'20	23°56	9°29	13°47	29° 5	26°23	11°44	22° 2	5°17	23°19	14°30	13° 1	12°33	9°43	M16
T 17	9 46 59	28° 1'57	7♋ 3	11° 2	15° 2	29°52	26°15	11°41	22° 0	5°17	23°20	14°32	12°58	12°40	9°45	T 17
W18	9 50 55	29° 2'32	19°56	12°35	16°17	0♓40	26° 7	11°39	21°58	5°17	23°20	14°R32	12°55	12°46	9°48	W18
T 19	9 54 52	0♓ 3'05	2♌37	14° 9	17°31	1°27	25°59	11°36	21°56	5°16	23°20	14°30	12°52	12°53	9°51	T 19
F 20	9 58 48	1° 3'37	15° 8	15°44	18°46	2°15	25°51	11°34	21°54	5°16	23°20	14°26	12°49	13° 0	9°54	F 20
S 21	10 2 45	2° 4'07	27°29	17°20	20° 1	3° 2	25°43	11°32	21°52	5°15	23°21	14°20	12°46	13° 7	9°57	S 21
S 22	10 6 41	3° 4'36	9♍42	18°56	21°16	3°49	25°36	11°30	21°50	5°15	23°21	14°11	12°42	13°13	10° 0	S 22
M23	10 10 38	4° 5'03	21°47	20°34	22°30	4°37	25°28	11°28	21°49	5°14	23°21	14° 2	12°39	13°20	10° 3	M23
T 24	10 14 35	5° 5'28	3♎46	22°13	23°45	5°24	25°20	11°26	21°47	5°14	23°22	13°51	12°36	13°27	10° 6	T 24
W25	10 18 31	6° 5'52	15°40	23°52	25° 0	6°12	25°12	11°24	21°45	5°13	23°22	13°42	12°33	13°34	10° 9	W25
T 26	10 22 28	7° 6'15	27°32	25°33	26°14	6°59	25° 5	11°22	21°44	5°12	23°23	13°33	12°30	13°40	10°12	T 26
F 27	10 26 24	8° 6'36	9♏24	27°14	27°29	7°47	24°57	11°20	21°42	5°12	23°23	13°27	12°26	13°47	10°15	F 27
S 28	10 30 21	9♓ 6'56	21♏20	28♒57	28♓43	8♓34	24♌50	11♋19	21♋41	5♏11	23♉24	13♑23	12♑23	13♎54	10♈19	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s14	22s57	3s59	22s 4	0n 6	14s35	1s29	16s42	1s 5	13n 4	1n 5	22n24	0s26	22n 2	0n31	11s39	1n44	4n24	14s38	22s36	22s42	9s 1	5n37	2n12
M 2	16 57	24 42	3 10	22 1	0s 2	14 9	1 30	16 27	1 5	13 7	1 5	22 24	0 26	22 3	0 31	11 39	1 45	4 24	14 38	22 35	22 43	9 4	5 38	2 12
T 3	16 40	25 15	2 11	21 58	0 11	13 44	1 30	16 13	1 5	13 10	1 5	22 25	0 26	22 3	0 31	11 39	1 45	4 24	14 38	22 35	22 43	9 7	5 38	2 12
W 4	16 22	24 25	1 3	21 54	0 19	13 18	1 30	15 58	1 5	13 12	1 6	22 25	0 26	22 4	0 31	11 39	1 45	4 24	14 37	22 35	22 43	9 9	5 39	2 11
T 5	16 4	22 10	0n11	21 48	0 27	12 52	1 30	15 43	1 5	13 15	1 6	22 26	0 25	22 4	0 31	11 39	1 45	4 25	14 37	22 35	22 44	9 12	5 40	2 11
F 6	15 46	18 33	1 26	21 41	0 34	12 25	1 30	15 27	1 5	13 18	1 6	22 26	0 25	22 4	0 31	11 38	1 45	4 25	14 37	22 35	22 44	9 15	5 41	2 11
S 7	15 27	13 45	2 37	21 33	0 42	11 58	1 30	15 12	1 5	13 21	1 6	22 27	0 25	22 5	0 31	11 38	1 45	4 25	14 36	22 35	22 44	9 18	5 42	2 11
S 8	15 8	8 6	3 40	21 24	0 49	11 31	1 30	14 56	1 5	13 23	1 6	22 27	0 25	22 5	0 31	11 38	1 45	4 26	14 36	22 36	22 45	9 20	5 43	2 11
M 9	14 49	1 56	4 29	21 14	0 56	11 3	1 30	14 41	1 5	13 26	1 6	22 28	0 25	22 5	0 31	11 38	1 45	4 26	14 36	22 36	22 45	9 23	5 43	2 11
T 10	14 30	4n20	5 0	21 2	1 3	10 35	1 30	14 25	1 4	13 29	1 6	22 28	0 25	22 6	0 31	11 38	1 45	4 26	14 35	22 37	22 45	9 26	5 44	2 11
W11	14 11	10 20	5 11	20 49	1 9	10 7	1 29	14 9	1 4	13 32	1 7	22 29	0 25	22 6	0 31	11 38	1 45	4 27	14 35	22 38	22 46	9 28	5 45	2 10
T 12	13 51	15 41	5 1	20 35	1 15	9 39	1 29	13 53	1 4	13 35	1 7	22 29	0 24	22 6	0 31	11 38	1 45	4 27	14 35	22 38	22 46	9 31	5 46	2 10
F 13	13 31	20 3	4 33	20 19	1 21	9 10	1 28	13 37	1 4	13 38	1 7	22 29	0 24	22 7	0 31	11 38	1 45	4 27	14 34	22 38	22 46	9 33	5 47	2 10
S 14	13 11	23 10	3 50	20 2	1 26	8 41	1 28	13 20	1 4	13 40	1 7	22 30	0 24	22 7	0 31	11 38	1 45	4 28	14 34	22 38	22 47	9 36	5 48	2 10
S 15	12 50	24 53	2 54	19 44	1 32	8 12	1 27	13 4	1 4	13 43	1 7	22 30	0 24	22 7	0 31	11 37	1 45	4 28	14 34	22 38	22 47	9 39	5 49	2 10
M16	12 30	25 6	1 49	19 25	1 37	7 42	1 27	12 47	1 4	13 46	1 7	22 31	0 24	22 8	0 31	11 37	1 45	4 28	14 33	22 38	22 47	9 41	5 50	2 10
T 17	12 9	23 55	0 40	19 4	1 41	7 13	1 26	12 30	1 4	13 49	1 7	22 31	0 24	22 8	0 31	11 37	1 45	4 29	14 33	22 38	22 48	9 44	5 51	2 9
W18	11 48	21 28	0s29	18 42	1 45	6 43	1 25	12 13	1 3	13 52	1 7	22 31	0 24	22 8	0 31	11 37	1 45	4 29	14 33	22 38	22 48	9 47	5 52	2 9
T 19	11 27	18 0	1 36	18 19	1 49	6 13	1 24	11 56	1 3	13 54	1 7	22 32	0 24	22 9	0 31	11 37	1 46	4 30	14 32	22 38	22 48	9 49	5 53	2 9
F 20	11 5	13 47	2 37	17 54	1 53	5 43	1 23	11 39	1 3	13 57	1 7	22 32	0 23	22 9	0 31	11 36	1 46	4 30	14 32	22 39	22 48	9 52	5 54	2 9
S 21	10 44	9 3	3 30	17 28	1 56	5 13	1 22	11 22	1 3	14 0	1 8	22 32	0 23	22 9	0 31	11 36	1 46	4 30	14 32	22 39	22 49	9 55	5 55	2 9
S 22	10 22	4 1	4 13	17 1	1 59	4 42	1 21	11 4	1 3	14 2	1 8	22 33	0 23	22 9	0 31	11 36	1 46	4 31	14 31	22 40	22 49	9 57	5 56	2 9
M23	10 0	1s 5	4 43	16 33	2 2	4 12	1 20	10 47	1 3	14 5	1 8	22 33	0 23	22 10	0 31	11 36	1 46	4 31	14 31	22 41	22 49	10 0	5 57	2 9
T 24	9 38	6 6	5 1	16 3	2 4	3 41	1 19	10 29	1 2	14 8	1 8	22 33	0 23	22 10	0 31	11 36	1 46	4 32	14 31	22 42	22 50	10 2	5 58	2 9
W25	9 16	10 51	5 5	15 32	2 5	3 11	1 18	10 12	1 2	14 10	1 8	22 34	0 23	22 10	0 31	11 35	1 46	4 32	14 30	22 43	22 50	10 5	5 59	2 8
T 26	8 54	15 12	4 57	14 59	2 7	2 40	1 16	9 54	1 2	14 13	1 8	22 34	0 23	22 10	0 31	11 35	1 46	4 32	14 30	22 44	22 50	10 8	6 0	2 8
F 27	8 31	18 57	4 35	14 25	2 8	2 9	1 15	9 36	1 2	14 16	1 8	22 34	0 22	22 11	0 31	11 35	1 46	4 33	14 30	22 45	22 51	10 10	6 1	2 8
S 28	8s 9	21s58	4s 2	13s50	2s 8	1s38	1s14	9s18	1s 2	14n18	1n 8	22n34	0s22	22n11	0n31	11s34	1n46	4n33	14s29	22s45	22s51	10s13	6n 3	2n 8

Julian Day Number = 2496135.5, Delta T = 104.42 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°26'46, Lahiri = 25°33'46

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ASTRODIENST EPHEMERIS for the year 2122
geocentric

MARCH 2122 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 17	10♓ 7'15	3♐25	0♓40	29♓58	9♓21	24°R42	11°R17	21°R39	5°R10	23♉24	13°R21	12♑20	14♎ 0	10♈22	S 1
M 2	10 38 14	11° 7'32	15°44	2°25	1♈12	10° 9	24♌35	11♋16	21♋38	5♏ 9	23°24	13°D20	12°17	14° 7	10°25	M 2
T 3	10 42 10	12° 7'47	28°21	4°10	2°27	10°56	24°27	11°15	21°36	5° 9	23°25	13♑21	12°14	14°14	10°28	T 3
W 4	10 46 7	13° 8'01	11♑22	5°57	3°41	11°43	24°20	11°14	21°35	5° 8	23°26	13°R22	12°11	14°21	10°32	W 4
T 5	10 50 4	14° 8'14	24°50	7°44	4°56	12°31	24°13	11°13	21°34	5° 7	23°26	13°21	12° 7	14°27	10°35	T 5
F 6	10 54 0	15° 8'25	8♒46	9°33	6°10	13°18	24° 6	11°12	21°32	5° 6	23°27	13°19	12° 4	14°34	10°38	F 6
S 7	10 57 57	16° 8'34	23°11	11°22	7°24	14° 6	23°59	11°11	21°31	5° 5	23°27	13°13	12° 1	14°41	10°41	S 7
S 8	11 1 53	17° 8'42	8♓ 0	13°13	8°39	14°53	23°52	11°11	21°30	5° 4	23°28	13° 6	11°58	14°48	10°45	S 8
M 9	11 5 50	18° 8'47	23° 6	15° 5	9°53	15°40	23°46	11°10	21°29	5° 3	23°29	12°56	11°55	14°54	10°48	M 9
T 10	11 9 46	19° 8'51	8♈18	16°58	11° 7	16°27	23°39	11°10	21°28	5° 2	23°29	12°46	11°51	15° 1	10°51	T 10
W11	11 13 43	20° 8'53	23°26	18°52	12°21	17°15	23°33	11° 9	21°27	5° 1	23°30	12°36	11°48	15° 8	10°55	W11
T 12	11 17 39	21° 8'53	8♉21	20°46	13°36	18° 2	23°26	11° 9	21°26	5° 0	23°31	12°28	11°45	15°14	10°58	T 12
F 13	11 21 36	22° 8'51	22°54	22°42	14°50	18°49	23°20	11°D 9	21°25	4°59	23°31	12°23	11°42	15°21	11° 2	F 13
S 14	11 25 33	23° 8'46	7♊ 2	24°39	16° 4	19°36	23°14	11° 9	21°24	4°58	23°32	12°20	11°39	15°28	11° 5	S 14
S 15	11 29 29	24° 8'40	20°44	26°36	17°18	20°24	23° 8	11° 9	21°23	4°57	23°33	12°D19	11°36	15°35	11° 9	S 15
M16	11 33 26	25° 8'31	4♋ 3	28°34	18°32	21°11	23° 2	11°10	21°23	4°56	23°34	12°19	11°32	15°41	11°12	M16
T 17	11 37 22	26° 8'20	17° 1	0♈33	19°46	21°58	22°57	11°10	21°22	4°54	23°34	12°R19	11°29	15°48	11°16	T 17
W18	11 41 19	27° 8'07	29°41	2°32	21° 0	22°45	22°51	11°10	21°21	4°53	23°35	12°18	11°26	15°55	11°19	W18
T 19	11 45 15	28° 7'51	12♌ 8	4°31	22°14	23°32	22°46	11°11	21°21	4°52	23°36	12°14	11°23	16° 1	11°23	T 19
F 20	11 49 12	29° 7'33	24°24	6°30	23°27	24°19	22°41	11°12	21°20	4°51	23°37	12° 8	11°20	16° 8	11°26	F 20
S 21	11 53 8	0♈ 7'13	6♍32	8°30	24°41	25° 6	22°35	11°13	21°20	4°50	23°38	11°59	11°17	16°15	11°30	S 21
S 22	11 57 5	1° 6'51	18°34	10°28	25°55	25°53	22°31	11°14	21°19	4°48	23°39	11°47	11°13	16°22	11°33	S 22
M23	12 1 1	2° 6'27	0♎32	12°26	27° 9	26°40	22°26	11°15	21°19	4°47	23°39	11°33	11°10	16°28	11°37	M23
T 24	12 4 58	3° 6'01	12°27	14°23	28°22	27°27	22°21	11°16	21°18	4°46	23°40	11°18	11° 7	16°35	11°40	T 24
W25	12 8 55	4° 5'33	24°19	16°18	29°36	28°14	22°17	11°17	21°18	4°44	23°41	11° 4	11° 4	16°42	11°44	W25
T 26	12 12 51	5° 5'03	6♏12	18°11	0♉49	29° 1	22°13	11°18	21°18	4°43	23°42	10°52	11° 1	16°49	11°47	T 26
F 27	12 16 48	6° 4'31	18° 5	20° 2	2° 3	29°48	22° 9	11°20	21°18	4°42	23°43	10°42	10°57	16°55	11°51	F 27
S 28	12 20 44	7° 3'57	0♐ 3	21°50	3°16	0♈35	22° 5	11°21	21°18	4°40	23°44	10°35	10°54	17° 2	11°54	S 28
S 29	12 24 41	8° 3'22	12° 9	23°35	4°30	1°21	22° 1	11°23	21°18	4°39	23°45	10°30	10°51	17° 9	11°58	S 29
M30	12 28 37	9° 2'45	24°26	25°17	5°43	2° 8	21°57	11°25	21°D18	4°37	23°46	10°28	10°48	17°15	12° 2	M30
T 31	12 32 34	10♈ 2'06	7♑ 0	26♈54	6♉56	2♈55	21♌54	11♋27	21♋18	4♏36	23♉47	10♑28	10♑45	17♎22	12♈ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s46	24s 3	3s17	13s14	2s 9	1s 7	1s12	9s 0	1s 1	14n21	1n 8	22n35	0s22	22n11	0n31	11s34	1n46	4n34	14s29	22s45	22s51	10s16	6n 4	2n 8
M 2	7 23	25 1	2 22	12 36	2 8	0 36	1 11	8 42	1 1	14 23	1 8	22 35	0 22	22 11	0 31	11 34	1 46	4 34	14 29	22 45	22 51	10 18	6 5	2 8
T 3	7 0	24 44	1 19	11 57	2 7	0 5	1 9	8 24	1 1	14 26	1 8	22 35	0 22	22 12	0 31	11 34	1 46	4 34	14 28	22 45	22 52	10 21	6 6	2 8
W 4	6 37	23 7	0 11	11 17	2 6	0n26	1 7	8 6	1 1	14 28	1 8	22 35	0 22	22 12	0 30	11 33	1 46	4 35	14 28	22 45	22 52	10 23	6 7	2 8
T 5	6 14	20 9	1n 1	10 35	2 5	0 57	1 5	7 47	1 0	14 31	1 8	22 36	0 22	22 12	0 30	11 33	1 46	4 35	14 28	22 45	22 52	10 26	6 8	2 7
F 6	5 51	15 57	2 11	9 53	2 3	1 28	1 4	7 29	1 0	14 33	1 8	22 36	0 21	22 12	0 30	11 33	1 46	4 36	14 27	22 46	22 53	10 28	6 10	2 7
S 7	5 28	10 42	3 15	9 9	2 0	1 59	1 2	7 11	1 0	14 35	1 8	22 36	0 21	22 12	0 30	11 32	1 46	4 36	14 27	22 46	22 53	10 31	6 11	2 7
S 8	5 4	4 43	4 8	8 23	1 57	2 30	1 0	6 52	1 0	14 37	1 8	22 36	0 21	22 13	0 30	11 32	1 46	4 37	14 27	22 47	22 53	10 34	6 12	2 7
M 9	4 41	1n37	4 45	7 37	1 53	3 1	0 58	6 33	0 59	14 40	1 8	22 36	0 21	22 13	0 30	11 31	1 46	4 37	14 27	22 48	22 53	10 36	6 13	2 7
T 10	4 18	7 54	5 2	6 49	1 49	3 32	0 56	6 15	0 59	14 42	1 8	22 37	0 21	22 13	0 30	11 31	1 47	4 37	14 26	22 49	22 54	10 39	6 14	2 7
W11	3 54	13 42	4 57	6 0	1 44	4 3	0 54	5 56	0 59	14 44	1 8	22 37	0 21	22 13	0 30	11 31	1 47	4 38	14 26	22 50	22 54	10 41	6 16	2 7
T 12	3 30	18 34	4 33	5 10	1 39	4 34	0 52	5 37	0 58	14 46	1 8	22 37	0 21	22 13	0 30	11 30	1 47	4 38	14 26	22 50	22 54	10 44	6 17	2 7
F 13	3 7	22 12	3 51	4 19	1 33	5 5	0 50	5 19	0 58	14 48	1 8	22 37	0 20	22 13	0 30	11 30	1 47	4 39	14 25	22 51	22 55	10 46	6 18	2 7
S 14	2 43	24 21	2 56	3 27	1 27	5 35	0 47	5 0	0 58	14 50	1 8	22 37	0 20	22 13	0 30	11 29	1 47	4 39	14 25	22 51	22 55	10 49	6 19	2 6
S 15	2 19	24 58	1 52	2 34	1 20	6 6	0 45	4 41	0 57	14 52	1 8	22 37	0 20	22 13	0 30	11 29	1 47	4 40	14 25	22 51	22 55	10 52	6 21	2 6
M16	1 56	24 5	0 44	1 41	1 12	6 36	0 43	4 22	0 57	14 54	1 8	22 37	0 20	22 14	0 30	11 29	1 47	4 40	14 25	22 51	22 55	10 54	6 22	2 6
T 17	1 32	21 56	0s25	0 46	1 4	7 6	0 40	4 3	0 57	14 56	1 8	22 37	0 20	22 14	0 30	11 28	1 47	4 41	14 24	22 51	22 56	10 57	6 23	2 6
W18	1 8	18 44	1 31	0n 9	0 56	7 36	0 38	3 44	0 57	14 57	1 8	22 38	0 20	22 14	0 30	11 28	1 47	4 41	14 24	22 51	22 56	10 59	6 24	2 6
T 19	0 45	14 44	2 31	1 5	0 47	8 6	0 36	3 26	0 56	14 59	1 8	22 38	0 20	22 14	0 30	11 27	1 47	4 42	14 24	22 52	22 56	11 2	6 26	2 6
F 20	0 21	10 11	3 23	2 1	0 37	8 35	0 33	3 7	0 56	15 1	1 8	22 38	0 20	22 14	0 30	11 27	1 47	4 42	14 23	22 52	22 56	11 4	6 27	2 6
S 21	0n 3	5 19	4 5	2 57	0 27	9 5	0 31	2 48	0 55	15 2	1 8	22 38	0 19	22 14	0 30	11 26	1 47	4 42	14 23	22 53	22 57	11 7	6 28	2 6
S 22	0 27	0 17	4 36	3 53	0 17	9 34	0 28	2 29	0 55	15 4	1 7	22 38	0 19	22 14	0 30	11 26	1 47	4 43	14 23	22 54	22 57	11 9	6 30	2 6
M23	0 50	4s43	4 54	4 49	0 6	10 3	0 25	2 10	0 55	15 5	1 7	22 38	0 19	22 14	0 30	11 26	1 47	4 43	14 23	22 55	22 57	11 12	6 31	2 6
T 24	1 14	9 30	4 59	5 45	0n 6	10 32	0 23	1 51	0 54	15 7	1 7	22 38	0 19	22 14	0 30	11 25	1 47	4 44	14 22	22 57	22 58	11 14	6 32	2 6
W25	1 38	13 56	4 52	6 40	0 17	11 1	0 20	1 32	0 54	15 8	1 7	22 38	0 19	22 14	0 30	11 25	1 47	4 44	14 22	22 58	22 58	11 17	6 34	2 5
T 26	2 1	17 50	4 31	7 35	0 29	11 29	0 17	1 13	0 54	15 10	1 7	22 38	0 19	22 14	0 30	11 24	1 47	4 45	14 22	22 59	22 58	11 20	6 35	2 5
F 27	2 25	21 2	3 59	8 28	0 41	11 57	0 15	0 54	0 53	15 11	1 7	22 38	0 19	22 14	0 30	11 24	1 47	4 45	14 22	23 0	22 58	11 22	6 36	2 5
S 28	2 48	23 20	3 16	9 20	0 54	12 25	0 12	0 35	0 53	15 12	1 7	22 38	0 18	22 14	0 30	11 23	1 47	4 46	14 21	23 0	22 59	11 25	6 38	2 5
S 29	3 12	24 36	2 24	10 10	1 6	12 52	0 9	0 16	0 52	15 13	1 7	22 38	0 18	22 14	0 30	11 23	1 47	4 46	14 21	23 1	22 59	11 27	6 39	2 5
M30	3 35	24 42	1 24	10 59	1 18	13 19	0 6	0n 3	0 52	15 14	1 7	22 38	0 18	22 14	0 30	11 22	1 47	4 47	14 21	23 1	22 59	11 30	6 40	2 5
T 31	3n58	23s33	0s18	11n45	1n30	13n46	0s 4	0n22	0s52	15n15	1n 7	22n38	0s18	22n14	0n30	11s22	1n47	4n47	14s21	23s 1	22s59	11s32	6n42	2n 5

Julian Day Number = 2496163.5, Delta T = 104.46 sec
Ecliptic obliquity = 23°25'27, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°26'50, Lahiri = 25°33'50

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ASTRODIENST EPHEMERIS for the year 2122
geocentric

APRIL 2122 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 36 30	11♈ 1'25	19♉54	28♈27	8♉10	3♈42	21°R51	11♋29	21♋18	4°R34	23♉48	10°R28	10♉42	17♎29	12♈ 9	W 1
T 2	12 40 27	12° 0'43	3♒15	29°56	9°23	4°28	21♏48	11°31	21°18	4♏33	23°49	10♉27	10°38	17°36	12°12	T 2
F 3	12 44 24	12°59'59	17° 4	1♉19	10°36	5°15	21°45	11°33	21°18	4°31	23°50	10°24	10°35	17°42	12°16	F 3
S 4	12 48 20	13°59'12	1♓22	2°36	11°49	6° 2	21°42	11°36	21°18	4°30	23°51	10°18	10°32	17°49	12°19	S 4
S 5	12 52 17	14°58'25	16° 8	3°49	13° 2	6°48	21°40	11°38	21°19	4°28	23°52	10°10	10°29	17°56	12°23	S 5
M 6	12 56 13	15°57'35	1♈15	4°55	14°15	7°35	21°37	11°41	21°19	4°27	23°53	10° 0	10°26	18° 2	12°27	M 6
T 7	13 0 10	16°56'43	16°35	5°55	15°28	8°22	21°35	11°43	21°19	4°25	23°55	9°49	10°23	18° 9	12°30	T 7
W 8	13 4 6	17°55'49	1♉54	6°48	16°41	9° 8	21°33	11°46	21°20	4°24	23°56	9°38	10°19	18°16	12°34	W 8
T 9	13 8 3	18°54'53	17° 2	7°35	17°54	9°55	21°32	11°49	21°20	4°22	23°57	9°29	10°16	18°23	12°37	T 9
F 10	13 11 59	19°53'56	1♊50	8°16	19° 7	10°41	21°30	11°52	21°21	4°21	23°58	9°22	10°13	18°29	12°41	F 10
S 11	13 15 56	20°52'55	16°12	8°50	20°20	11°27	21°29	11°55	21°22	4°19	23°59	9°18	10°10	18°36	12°45	S 11
S 12	13 19 53	21°51'53	0♋ 4	9°17	21°32	12°14	21°28	11°58	21°22	4°18	24° 0	9°16	10° 7	18°43	12°48	S 12
M13	13 23 49	22°50'48	13°29	9°37	22°45	13° 0	21°27	12° 1	21°23	4°16	24° 1	9°D16	10° 3	18°50	12°52	M13
T 14	13 27 46	23°49'41	26°28	9°51	23°58	13°46	21°26	12° 5	21°24	4°14	24° 3	9°R16	10° 0	18°56	12°55	T 14
W15	13 31 42	24°48'32	9♌ 6	9°58	25°10	14°33	21°25	12° 8	21°25	4°13	24° 4	9°16	9°57	19° 3	12°59	W15
T 16	13 35 39	25°47'20	21°28	9°R59	26°23	15°19	21°25	12°12	21°26	4°11	24° 5	9°13	9°54	19°10	13° 2	T 16
F 17	13 39 35	26°46'07	3♍37	9°54	27°35	16° 5	21°25	12°15	21°26	4°10	24° 6	9° 7	9°51	19°16	13° 6	F 17
S 18	13 43 32	27°44'50	15°38	9°42	28°47	16°51	21°D25	12°19	21°27	4° 8	24° 7	8°59	9°48	19°23	13° 9	S 18
S 19	13 47 28	28°43'32	27°34	9°25	29°59	17°37	21°25	12°23	21°29	4° 6	24° 9	8°49	9°44	19°30	13°13	S 19
M20	13 51 25	29°42'12	9♎27	9° 3	1♊12	18°23	21°25	12°27	21°30	4° 5	24°10	8°37	9°41	19°37	13°16	M20
T 21	13 55 22	0♉40'49	21°20	8°36	2°24	19° 9	21°26	12°31	21°31	4° 3	24°11	8°24	9°38	19°43	13°20	T 21
W22	13 59 18	1°39'25	3♏13	8° 5	3°36	19°55	21°27	12°35	21°32	4° 1	24°12	8°12	9°35	19°50	13°23	W22
T 23	14 3 15	2°37'59	15° 8	7°31	4°48	20°41	21°27	12°39	21°33	4° 0	24°14	8° 0	9°32	19°57	13°26	T 23
F 24	14 7 11	3°36'31	27° 7	6°54	6° 0	21°27	21°28	12°43	21°35	3°58	24°15	7°51	9°28	20° 3	13°30	F 24
S 25	14 11 8	4°35'01	9♐11	6°15	7°12	22°12	21°30	12°47	21°36	3°56	24°16	7°45	9°25	20°10	13°33	S 25
S 26	14 15 4	5°33'30	21°23	5°34	8°24	22°58	21°31	12°52	21°37	3°55	24°18	7°41	9°22	20°17	13°37	S 26
M27	14 19 1	6°31'57	3♑46	4°53	9°36	23°44	21°33	12°56	21°39	3°53	24°19	7°D40	9°19	20°24	13°40	M27
T 28	14 22 57	7°30'22	16°23	4°12	10°47	24°30	21°35	13° 1	21°40	3°52	24°20	7°40	9°16	20°30	13°43	T 28
W29	14 26 54	8°28'46	29°18	3°32	11°59	25°15	21°37	13° 6	21°42	3°50	24°21	7°41	9°13	20°37	13°47	W29
T 30	14 30 51	9♉27'08	12♒35	2♉54	13♊10	26♈ 1	21♏39	13♋10	21♋43	3♏48	24♉23	7°R41	9♑ 9	20♎44	13♈50	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n22	21s 8	0n50	12n30	1n41	14n12	0s 1	0n41	0s51	15n16	1n 7	22n38	0s18	22n14	0n30	11s21	1n47	4n47	14s20	23s 1	23s 0	11s35	6n43	2n 5
T 2	4 45	17 31	1 57	13 12	1 53	14 39	0n 2	1 0	0 51	15 17	1 7	22 38	0 18	22 14	0 30	11 21	1 47	4 48	14 20	23 1	23 0	11 37	6 44	2 5
F 3	5 8	12 51	3 0	13 51	2 3	15 4	0 5	1 19	0 50	15 18	1 7	22 38	0 18	22 14	0 30	11 20	1 47	4 48	14 20	23 1	23 0	11 40	6 46	2 5
S 4	5 31	7 20	3 54	14 28	2 13	15 30	0 8	1 38	0 50	15 19	1 6	22 38	0 18	22 14	0 30	11 20	1 47	4 49	14 20	23 1	23 0	11 42	6 47	2 5
S 5	5 54	1 15	4 35	15 1	2 23	15 55	0 11	1 57	0 49	15 19	1 6	22 38	0 17	22 14	0 30	11 19	1 47	4 49	14 20	23 2	23 1	11 44	6 48	2 5
M 6	6 17	5n 2	4 57	15 32	2 32	16 20	0 14	2 15	0 49	15 20	1 6	22 37	0 17	22 14	0 30	11 18	1 48	4 50	14 19	23 3	23 1	11 47	6 50	2 5
T 7	6 39	11 6	4 58	16 0	2 40	16 44	0 17	2 34	0 49	15 21	1 6	22 37	0 17	22 14	0 30	11 18	1 48	4 50	14 19	23 4	23 1	11 49	6 51	2 5
W 8	7 2	16 28	4 38	16 24	2 47	17 8	0 20	2 53	0 48	15 21	1 6	22 37	0 17	22 14	0 30	11 17	1 48	4 51	14 19	23 4	23 1	11 52	6 52	2 5
T 9	7 24	20 44	3 59	16 46	2 53	17 31	0 23	3 11	0 48	15 22	1 6	22 37	0 17	22 13	0 30	11 17	1 48	4 51	14 19	23 5	23 2	11 54	6 54	2 4
F 10	7 47	23 31	3 4	17 4	2 58	17 54	0 26	3 30	0 47	15 22	1 6	22 37	0 17	22 13	0 30	11 16	1 48	4 52	14 19	23 6	23 2	11 57	6 55	2 4
S 11	8 9	24 41	1 59	17 18	3 2	18 17	0 28	3 49	0 47	15 22	1 6	22 37	0 17	22 13	0 30	11 16	1 48	4 52	14 18	23 6	23 2	11 59	6 56	2 4
S 12	8 31	24 14	0 49	17 30	3 5	18 39	0 31	4 7	0 46	15 23	1 6	22 37	0 17	22 13	0 30	11 15	1 48	4 52	14 18	23 6	23 2	12 2	6 58	2 4
M13	8 53	22 22	0s22	17 37	3 6	19 0	0 34	4 26	0 46	15 23	1 6	22 37	0 16	22 13	0 30	11 15	1 48	4 53	14 18	23 6	23 3	12 4	6 59	2 4
T 14	9 15	19 23	1 30	17 42	3 6	19 21	0 37	4 44	0 45	15 23	1 5	22 36	0 16	22 13	0 30	11 14	1 48	4 53	14 18	23 6	23 3	12 7	7 0	2 4
W15	9 36	15 32	2 31	17 43	3 5	19 42	0 40	5 2	0 45	15 23	1 5	22 36	0 16	22 13	0 30	11 14	1 48	4 54	14 18	23 6	23 3	12 9	7 2	2 4
T 16	9 58	11 7	3 24	17 41	3 2	20 2	0 43	5 21	0 44	15 23	1 5	22 36	0 16	22 13	0 30	11 13	1 48	4 54	14 18	23 6	23 3	12 12	7 3	2 4
F 17	10 19	6 21	4 6	17 35	2 58	20 21	0 46	5 39	0 44	15 23	1 5	22 36	0 16	22 12	0 30	11 12	1 48	4 55	14 17	23 7	23 4	12 14	7 4	2 4
S 18	10 40	1 24	4 37	17 26	2 52	20 40	0 49	5 57	0 43	15 23	1 5	22 36	0 16	22 12	0 30	11 12	1 48	4 55	14 17	23 7	23 4	12 16	7 6	2 4
S 19	11 1	3s33	4 56	17 14	2 45	20 59	0 52	6 15	0 43	15 23	1 5	22 35	0 16	22 12	0 30	11 11	1 48	4 55	14 17	23 8	23 4	12 19	7 7	2 4
M20	11 22	8 22	5 1	16 59	2 37	21 17	0 55	6 33	0 42	15 22	1 5	22 35	0 16	22 12	0 30	11 11	1 48	4 56	14 17	23 9	23 4	12 21	7 8	2 4
T 21	11 42	12 51	4 54	16 41	2 27	21 34	0 58	6 51	0 42	15 22	1 5	22 35	0 15	22 12	0 30	11 10	1 48	4 56	14 17	23 9	23 4	12 24	7 10	2 4
W22	12 3	16 51	4 34	16 20	2 15	21 51	1 1	7 9	0 41	15 22	1 4	22 35	0 15	22 11	0 30	11 10	1 48	4 57	14 17	23 10	23 5	12 26	7 11	2 4
T 23	12 23	20 12	4 1	15 57	2 3	22 7	1 3	7 26	0 41	15 21	1 4	22 34	0 15	22 11	0 30	11 9	1 48	4 57	14 16	23 11	23 5	12 29	7 12	2 4
F 24	12 43	22 43	3 18	15 32	1 49	22 23	1 6	7 44	0 40	15 21	1 4	22 34	0 15	22 11	0 30	11 9	1 48	4 58	14 16	23 11	23 5	12 31	7 14	2 4
S 25	13 2	24 13	2 26	15 5	1 35	22 38	1 9	8 2	0 40	15 20	1 4	22 34	0 15	22 11	0 30	11 8	1 48	4 58	14 16	23 12	23 5	12 33	7 15	2 4
S 26	13 22	24 34	1 26	14 37	1 19	22 52	1 12	8 19	0 39	15 20	1 4	22 33	0 15	22 10	0 30	11 7	1 48	4 58	14 16	23 12	23 6	12 36	7 16	2 4
M27	13 41	23 43	0 21	14 8	1 3	23 6	1 15	8 37	0 39	15 19	1 4	22 33	0 15	22 10	0 30	11 7	1 48	4 59	14 16	23 12	23 6	12 38	7 17	2 4
T 28	14 0	21 39	0n46	13 38	0 46	23 19	1 17	8 54	0 38	15 19	1 4	22 33	0 15	22 10	0 29	11 6	1 48	4 59	14 16	23 12	23 6	12 41	7 19	2 4
W29	14 19	18 26	1 53	13 9	0 29	23 32	1 20	9 11	0 37	15 18	1 4	22 32	0 14	22 10	0 29	11 6	1 48	5 0	14 16	23 12	23 6	12 43	7 20	2 4
T 30	14n38	14s13	2n55	12n40	0n12	23n44	1n22	9n28	0s37	15n17	1n 4	22n32	0s14	22n 9	0n29	11s 5	1n48	5n 0	14s16	23s12	23s 6	12s45	7n21	2n 4

Julian Day Number = 2496194.5, Delta T = 104.51 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°26'54, Lahiri = 25°33'55

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ASTRODIENST EPHEMERIS for the year 2122
geocentric

MAY 2122 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 34 47	10♉25'28	26♒16	2°R18	14♊22	26♈46	21♌41	13♋15	21♋45	3°R47	24♉24	7°R40	9♎ 6	20♎51	13♈53	F 1
S 2	14 38 44	11°23'47	10♓23	1♉44	15°33	27°32	21°44	13°20	21°47	3♏45	24°25	7♎37	9° 3	20°57	13°57	S 2
S 3	14 42 40	12°22'05	24°56	1°14	16°45	28°17	21°46	13°25	21°48	3°43	24°27	7°32	9° 0	21° 4	14° 0	S 3
M 4	14 46 37	13°20'21	9♈50	0°48	17°56	29° 3	21°49	13°30	21°50	3°42	24°28	7°25	8°57	21°11	14° 3	M 4
T 5	14 50 33	14°18'35	24°57	0°26	19° 7	29°48	21°52	13°35	21°52	3°40	24°29	7°17	8°54	21°17	14° 6	T 5
W 6	14 54 30	15°16'48	10♉10	0° 8	20°18	0♉33	21°56	13°41	21°54	3°39	24°31	7° 9	8°50	21°24	14° 9	W 6
T 7	14 58 26	16°14'59	25°16	29♈55	21°29	1°19	21°59	13°46	21°56	3°37	24°32	7° 2	8°47	21°31	14°13	T 7
F 8	15 2 23	17°13'09	10♊ 7	29°46	22°40	2° 4	22° 3	13°51	21°58	3°35	24°33	6°57	8°44	21°38	14°16	F 8
S 9	15 6 20	18°11'16	24°34	29°D42	23°51	2°49	22° 6	13°57	22° 0	3°34	24°35	6°55	8°41	21°44	14°19	S 9
S 10	15 10 16	19° 9'22	8♋34	29°42	25° 2	3°34	22°10	14° 2	22° 2	3°32	24°36	6°D54	8°38	21°51	14°22	S 10
M11	15 14 13	20° 7'26	22° 6	29°48	26°13	4°19	22°14	14° 8	22° 4	3°31	24°37	6°55	8°34	21°58	14°25	M11
T 12	15 18 9	21° 5'28	5♌12	29°58	27°23	5° 4	22°19	14°13	22° 6	3°29	24°39	6°56	8°31	22° 4	14°28	T 12
W13	15 22 6	22° 3'28	17°54	0♉12	28°34	5°49	22°23	14°19	22° 8	3°28	24°40	6°R57	8°28	22°11	14°31	W13
T 14	15 26 2	23° 1'27	0♍18	0°32	29°44	6°34	22°28	14°25	22°11	3°26	24°42	6°57	8°25	22°18	14°34	T 14
F 15	15 29 59	23°59'23	12°27	0°55	0♋55	7°19	22°32	14°31	22°13	3°25	24°43	6°55	8°22	22°25	14°37	F 15
S 16	15 33 55	24°57'18	24°27	1°23	2° 5	8° 4	22°37	14°37	22°15	3°23	24°44	6°51	8°19	22°31	14°40	S 16
S 17	15 37 52	25°55'11	6♎20	1°55	3°15	8°48	22°42	14°43	22°18	3°22	24°46	6°46	8°15	22°38	14°43	S 17
M18	15 41 49	26°53'02	18°12	2°31	4°25	9°33	22°47	14°49	22°20	3°20	24°47	6°39	8°12	22°45	14°46	M18
T 19	15 45 45	27°50'51	0♏ 5	3°10	5°35	10°18	22°53	14°55	22°22	3°19	24°48	6°32	8° 9	22°51	14°49	T 19
W20	15 49 42	28°48'39	12° 1	3°54	6°45	11° 2	22°58	15° 1	22°25	3°17	24°50	6°25	8° 6	22°58	14°51	W20
T 21	15 53 38	29°46'26	24° 1	4°41	7°55	11°47	23° 4	15° 7	22°27	3°16	24°51	6°19	8° 3	23° 5	14°54	T 21
F 22	15 57 35	0♊44'11	6♐ 9	5°32	9° 5	12°31	23°10	15°13	22°30	3°14	24°52	6°14	8° 0	23°12	14°57	F 22
S 23	16 1 31	1°41'55	18°25	6°26	10°14	13°16	23°16	15°20	22°32	3°13	24°54	6°11	7°56	23°18	14°59	S 23
S 24	16 5 28	2°39'38	0♑51	7°23	11°24	14° 0	23°22	15°26	22°35	3°12	24°55	6°D10	7°53	23°25	15° 2	S 24
M25	16 9 24	3°37'19	13°27	8°23	12°33	14°45	23°28	15°33	22°38	3°10	24°56	6°10	7°50	23°32	15° 5	M25
T 26	16 13 21	4°35'00	26°17	9°27	13°42	15°29	23°34	15°39	22°40	3° 9	24°58	6°11	7°47	23°39	15° 7	T 26
W27	16 17 18	5°32'39	9♒22	10°34	14°51	16°13	23°41	15°46	22°43	3° 8	24°59	6°12	7°44	23°45	15°10	W27
T 28	16 21 14	6°30'17	22°43	11°43	16° 0	16°57	23°47	15°52	22°46	3° 6	25° 0	6°14	7°40	23°52	15°12	T 28
F 29	16 25 11	7°27'55	6♓24	12°55	17° 9	17°41	23°54	15°59	22°49	3° 5	25° 2	6°R14	7°37	23°59	15°15	F 29
S 30	16 29 7	8°25'31	20°24	14°11	18°18	18°25	24° 1	16° 5	22°52	3° 4	25° 3	6°14	7°34	24° 5	15°17	S 30
S 31	16 33 4	9♊23'06	4♈42	15♉29	19♋27	19♉ 9	24♌ 8	16♋12	22♋54	3♏ 2	25♉ 4	6♎12	7♎31	24♎12	15♈20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	14n56	9s 9	3n50	12n11	0s 5	23n55	1n25	9n45	0s36	15n16	1n 3	22n32	0s14	22n 9	0n29	11s 5	1n48	5n 0	14s16	23s12	23s 7	12s48	7n23	2n 4	F 1
S 2	15 14	3 28	4 32	11 44	0 22	24 6	1 28	10 2	0 36	15 15	1 3	22 31	0 14	22 9	0 29	11 4	1 48	5 1	14 15	23 12	23 7	12 50	7 24	2 4	S 2
S 3	15 32	2n33	4 58	11 18	0 39	24 16	1 30	10 19	0 35	15 14	1 3	22 31	0 14	22 9	0 29	11 4	1 48	5 1	14 15	23 13	23 7	12 53	7 25	2 4	S 3
M 4	15 50	8 34	5 5	10 53	0 55	24 25	1 33	10 35	0 35	15 13	1 3	22 31	0 14	22 8	0 29	11 3	1 48	5 2	14 15	23 13	23 7	12 55	7 26	2 4	M 4
T 5	16 7	14 10	4 51	10 31	1 11	24 33	1 35	10 52	0 34	15 12	1 3	22 30	0 14	22 8	0 29	11 3	1 48	5 2	14 15	23 13	23 8	12 57	7 27	2 4	T 5
W 6	16 24	18 55	4 17	10 10	1 26	24 41	1 37	11 8	0 34	15 11	1 3	22 30	0 14	22 8	0 29	11 2	1 48	5 2	14 15	23 14	23 8	13 0	7 29	2 4	W 6
T 7	16 41	22 23	3 25	9 52	1 40	24 49	1 40	11 24	0 33	15 10	1 3	22 29	0 14	22 7	0 29	11 1	1 48	5 3	14 15	23 14	23 8	13 2	7 30	2 4	T 7
F 8	16 58	24 15	2 19	9 37	1 53	24 55	1 42	11 41	0 32	15 8	1 3	22 29	0 13	22 7	0 29	11 1	1 48	5 3	14 15	23 14	23 8	13 4	7 31	2 4	F 8
S 9	17 14	24 25	1 6	9 24	2 6	25 1	1 44	11 57	0 32	15 7	1 2	22 28	0 13	22 7	0 29	11 0	1 48	5 3	14 15	23 15	23 8	13 7	7 32	2 4	S 9
S 10	17 30	23 0	0s 9	9 13	2 18	25 6	1 46	12 13	0 31	15 6	1 2	22 28	0 13	22 6	0 29	11 0	1 48	5 4	14 15	23 15	23 9	13 9	7 34	2 4	S 10
M11	17 46	20 17	1 21	9 5	2 28	25 11	1 48	12 28	0 31	15 4	1 2	22 27	0 13	22 6	0 29	10 59	1 48	5 4	14 15	23 15	23 9	13 11	7 35	2 4	M11
T 12	18 1	16 35	2 27	8 59	2 38	25 14	1 50	12 44	0 30	15 3	1 2	22 27	0 13	22 6	0 29	10 59	1 48	5 4	14 15	23 15	23 9	13 14	7 36	2 4	T 12
W13	18 16	12 14	3 23	8 56	2 47	25 17	1 52	12 59	0 29	15 1	1 2	22 26	0 13	22 5	0 29	10 58	1 48	5 5	14 15	23 14	23 9	13 16	7 37	2 4	W13
T 14	18 31	7 29	4 8	8 55	2 55	25 20	1 54	13 15	0 29	15 0	1 2	22 26	0 13	22 5	0 29	10 58	1 48	5 5	14 15	23 15	23 9	13 18	7 38	2 4	T 14
F 15	18 45	2 33	4 42	8 57	3 2	25 21	1 56	13 30	0 28	14 58	1 2	22 25	0 13	22 4	0 29	10 57	1 48	5 5	14 15	23 15	23 10	13 21	7 39	2 4	F 15
S 16	19 0	2s25	5 2	9 0	3 8	25 22	1 58	13 45	0 28	14 56	1 2	22 25	0 13	22 4	0 29	10 57	1 48	5 6	14 15	23 15	23 10	13 23	7 41	2 4	S 16
S 17	19 13	7 15	5 9	9 6	3 13	25 23	2 0	14 0	0 27	14 54	1 2	22 24	0 12	22 4	0 29	10 56	1 48	5 6	14 15	23 15	23 10	13 25	7 42	2 4	S 17
M18	19 27	11 48	5 3	9 15	3 17	25 22	2 1	14 15	0 26	14 53	1 1	22 24	0 12	22 3	0 29	10 56	1 48	5 6	14 15	23 15	23 10	13 28	7 43	2 4	M18
T 19	19 40	15 55	4 44	9 25	3 21	25 21	2 3	14 29	0 26	14 51	1 1	22 23	0 12	22 3	0 29	10 55	1 47	5 7	14 15	23 16	23 10	13 30	7 44	2 4	T 19
W20	19 53	19 25	4 12	9 37	3 24	25 19	2 4	14 44	0 25	14 49	1 1	22 23	0 12	22 2	0 29	10 55	1 47	5 7	14 15	23 16	23 11	13 32	7 45	2 4	W20
T 21	20 5	22 8	3 29	9 51	3 25	25 17	2 6	14 58	0 25	14 47	1 1	22 22	0 12	22 2	0 29	10 55	1 47	5 7	14 15	23 16	23 11	13 35	7 46	2 4	T 21
F 22	20 17	23 53	2 36	10 7	3 26	25 13	2 7	15 12	0 24	14 45	1 1	22 21	0 12	22 2	0 29	10 54	1 47	5 8	14 15	23 17	23 11	13 37	7 47	2 4	F 22
S 23	20 29	24 30	1 35	10 24	3 27	25 10	2 8	15 26	0 23	14 43	1 1	22 21	0 12	22 1	0 29	10 54	1 47	5 8	14 15	23 17	23 11	13 39	7 48	2 4	S 23
S 24	20 41	23 54	0 29	10 43	3 26	25 5	2 9	15 40	0 23	14 41	1 1	22 20	0 12	22 1	0 29	10 53	1 47	5 8	14 15	23 17	23 11	13 42	7 49	2 4	S 24
M25	20 52	22 5	0n40	11 4	3 25	25 0	2 10	15 54	0 22	14 39	1 1	22 20	0 12	22 0	0 29	10 53	1 47	5 9	14 15	23 17	23 12	13 44	7 50	2 4	M25
T 26	21 3	19 7	1 48	11 25	3 23	24 54	2 11	16 7	0 21	14 36	1 1	22 19	0 12	22 0	0 29	10 52	1 47	5 9	14 15	23 17	23 12	13 46	7 51	2 4	T 26
W27	21 13	15 8	2 52	11 49	3 20	24 47	2 12	16 21	0 21	14 34	1 0	22 18	0 11	21 59	0 29	10 52	1 47	5 9	14 15	23 17	23 12	13 48	7 52	2 4	W27
T 28	21 23	10 21	3 48	12 13	3 17	24 40	2 13	16 34	0 20	14 32	1 0	22 18	0 11	21 59	0 29	10 52	1 47	5 9	14 15	23 17	23 12	13 51	7 53	2 4	T 28
F 29	21 32	4 56	4 32	12 39	3 13	24 32	2 14	16 47	0 19	14 30	1 0	22 17	0 11	21 58	0 29	10 51	1 47	5 10	14 15	23 17	23 12	13 53	7 54	2 4	F 29
S 30	21 42	0n49	5 2	13 5	3 8	24 24	2 15	17 0	0 19	14 27	1 0	22 16	0 11	21 58	0 29	10 51	1 47	5 10	14 15	23 17	23 12	13 55	7 55	2 4	S 30
S 31	21n51	6n40	5n13	13n33	3s 3	24n15	2n15	17n13	0s18	14n25	1n 0	22n16	0s11	21n57	0n29	10s50	1n47	5n10	14s15	23s17	23s13	13s57	7n56	2n 4	S 31

Julian Day Number = 2496224.5, Delta T = 104.55 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°26'58, Lahiri = 25°33'59

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ASTRODIENST EPHEMERIS for the year 2122
geocentric

JUNE 2122 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 37 0	10♊20'41	19♈17	16♉49	20♋35	19♉53	24♌15	16♋19	22♋57	3°R 1	25♉ 6	6°R10	7♑28	24♎19	15♈22	M 1
T 2	16 40 57	11°18'15	4♉ 4	18°13	21°44	20°37	24°23	16°26	23° 0	3♏ 0	25° 7	6♑ 6	7°25	24°26	15°24	T 2
W 3	16 44 53	12°15'48	18°55	19°39	22°52	21°21	24°30	16°33	23° 3	2°59	25° 8	6° 3	7°21	24°32	15°27	W 3
T 4	16 48 50	13°13'20	3♊43	21° 7	24° 0	22° 5	24°38	16°40	23° 6	2°58	25°10	6° 0	7°18	24°39	15°29	T 4
F 5	16 52 47	14°10'51	18°20	22°39	25° 8	22°49	24°45	16°47	23° 9	2°56	25°11	5°59	7°15	24°46	15°31	F 5
S 6	16 56 43	15° 8'22	2♋40	24°12	26°16	23°32	24°53	16°54	23°12	2°55	25°12	5°D58	7°12	24°52	15°33	S 6
S 7	17 0 40	16° 5'51	16°38	25°49	27°24	24°16	25° 1	17° 1	23°15	2°54	25°13	5°58	7° 9	24°59	15°36	S 7
M 8	17 4 36	17° 3'19	0♌12	27°28	28°32	24°59	25° 9	17° 8	23°18	2°53	25°15	5°59	7° 6	25° 6	15°38	M 8
T 9	17 8 33	18° 0'46	13°21	29° 9	29°39	25°43	25°17	17°15	23°22	2°52	25°16	6° 0	7° 2	25°13	15°40	T 9
W10	17 12 29	18°58'11	26° 8	0♊53	0♌47	26°26	25°25	17°22	23°25	2°51	25°17	6° 2	6°59	25°19	15°42	W10
T 11	17 16 26	19°55'36	8♍36	2°40	1°54	27°10	25°34	17°29	23°28	2°50	25°19	6° 3	6°56	25°26	15°44	T 11
F 12	17 20 22	20°52'59	20°48	4°29	3° 1	27°53	25°42	17°36	23°31	2°49	25°20	6°R 3	6°53	25°33	15°46	F 12
S 13	17 24 19	21°50'21	2♎48	6°20	4° 8	28°36	25°51	17°44	23°34	2°48	25°21	6° 3	6°50	25°39	15°47	S 13
S 14	17 28 16	22°47'43	14°43	8°14	5°14	29°19	26° 0	17°51	23°37	2°47	25°22	6° 2	6°46	25°46	15°49	S 14
M15	17 32 12	23°45'03	26°35	10°11	6°21	0♊ 3	26° 9	17°58	23°41	2°46	25°23	6° 0	6°43	25°53	15°51	M15
T 16	17 36 9	24°42'23	8♏29	12° 9	7°27	0°46	26°18	18° 6	23°44	2°45	25°25	5°59	6°40	26° 0	15°53	T 16
W17	17 40 5	25°39'41	20°29	14°10	8°34	1°29	26°27	18°13	23°47	2°45	25°26	5°57	6°37	26° 6	15°54	W17
T 18	17 44 2	26°36'59	2♐36	16°12	9°40	2°12	26°36	18°20	23°51	2°44	25°27	5°56	6°34	26°13	15°56	T 18
F 19	17 47 58	27°34'16	14°54	18°17	10°45	2°55	26°45	18°28	23°54	2°43	25°28	5°55	6°31	26°20	15°58	F 19
S 20	17 51 55	28°31'33	27°25	20°23	11°51	3°38	26°54	18°35	23°57	2°42	25°29	5°55	6°27	26°26	15°59	S 20
S 21	17 55 51	29°28'49	10♑ 8	22°31	12°56	4°20	27° 4	18°43	24° 1	2°41	25°31	5°D54	6°24	26°33	16° 1	S 21
M22	17 59 48	0♋26'05	23° 4	24°40	14° 2	5° 3	27°13	18°50	24° 4	2°41	25°32	5°55	6°21	26°40	16° 2	M22
T 23	18 3 45	1°23'20	6♒15	26°50	15° 7	5°46	27°23	18°58	24° 8	2°40	25°33	5°55	6°18	26°47	16° 4	T 23
W24	18 7 41	2°20'35	19°39	29° 1	16°11	6°28	27°33	19° 6	24°11	2°39	25°34	5°55	6°15	26°53	16° 5	W24
T 25	18 11 38	3°17'49	3♓17	1♋13	17°16	7°11	27°43	19°13	24°15	2°39	25°35	5°56	6°12	27° 0	16° 6	T 25
F 26	18 15 34	4°15'04	17° 7	3°24	18°20	7°53	27°53	19°21	24°18	2°38	25°36	5°56	6° 8	27° 7	16° 7	F 26
S 27	18 19 31	5°12'18	1♈ 9	5°36	19°25	8°36	28° 3	19°28	24°22	2°38	25°37	5°56	6° 5	27°13	16° 9	S 27
S 28	18 23 27	6° 9'32	15°20	7°47	20°28	9°18	28°13	19°36	24°25	2°37	25°38	5°56	6° 2	27°20	16°10	S 28
M29	18 27 24	7° 6'46	29°40	9°57	21°32	10° 1	28°23	19°44	24°29	2°37	25°39	5°56	5°59	27°27	16°11	M29
T 30	18 31 20	8♋ 4'01	14♉ 4	12♋ 7	22♌36	10♊43	28♌33	19♋51	24♋32	2♏36	25♉40	5♑56	5♑56	27♎34	16♈12	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n59	12n15	5n 5	14n 1	2s57	24n 5	2n15	17n25	0s17	14n22	1n 0	22n15	0s11	21n57	0n29	10s50	1n47	5n10	14s15	23s17	23s13	14s 0	7n57	2n 4
T 2	22 7	17 12	4 37	14 30	2 51	23 54	2 16	17 37	0 17	14 20	1 0	22 14	0 11	21 56	0 29	10 50	1 47	5 11	14 15	23 17	23 13	14 2	7 58	2 4
W 3	22 15	21 7	3 50	15 0	2 44	23 43	2 16	17 50	0 16	14 17	1 0	22 13	0 11	21 56	0 29	10 49	1 47	5 11	14 15	23 17	23 13	14 4	7 59	2 4
T 4	22 22	23 38	2 48	15 30	2 37	23 32	2 16	18 2	0 16	14 15	1 0	22 13	0 11	21 55	0 29	10 49	1 47	5 11	14 15	23 17	23 13	14 7	8 0	2 4
F 5	22 29	24 30	1 36	16 1	2 29	23 19	2 16	18 13	0 15	14 12	1 0	22 12	0 11	21 55	0 29	10 48	1 47	5 11	14 15	23 17	23 14	14 9	8 1	2 4
S 6	22 36	23 42	0 18	16 32	2 21	23 7	2 16	18 25	0 14	14 9	0 59	22 11	0 10	21 54	0 29	10 48	1 47	5 12	14 15	23 17	23 14	14 11	8 2	2 4
S 7	22 42	21 25	0s59	17 4	2 12	22 53	2 16	18 36	0 14	14 6	0 59	22 10	0 10	21 54	0 29	10 48	1 47	5 12	14 15	23 17	23 14	14 13	8 2	2 4
M 8	22 48	17 59	2 10	17 35	2 3	22 39	2 16	18 48	0 13	14 4	0 59	22 9	0 10	21 53	0 29	10 47	1 47	5 12	14 15	23 17	23 14	14 15	8 3	2 4
T 9	22 53	13 44	3 12	18 7	1 53	22 25	2 15	18 59	0 12	14 1	0 59	22 9	0 10	21 53	0 29	10 47	1 47	5 12	14 15	23 17	23 14	14 18	8 4	2 4
W10	22 58	8 59	4 3	18 38	1 43	22 10	2 15	19 9	0 12	13 58	0 59	22 8	0 10	21 52	0 29	10 47	1 47	5 12	14 15	23 17	23 14	14 20	8 5	2 4
T 11	23 2	4 0	4 40	19 10	1 33	21 54	2 14	19 20	0 11	13 55	0 59	22 7	0 10	21 52	0 29	10 47	1 47	5 13	14 15	23 17	23 15	14 22	8 6	2 4
F 12	23 7	1s 1	5 5	19 40	1 22	21 38	2 13	19 31	0 10	13 52	0 59	22 6	0 10	21 51	0 29	10 46	1 47	5 13	14 16	23 17	23 15	14 24	8 6	2 4
S 13	23 10	5 56	5 15	20 11	1 12	21 21	2 13	19 41	0 10	13 49	0 59	22 5	0 10	21 51	0 29	10 46	1 47	5 13	14 16	23 17	23 15	14 27	8 7	2 4
S 14	23 14	10 35	5 12	20 40	1 1	21 4	2 12	19 51	0 9	13 46	0 59	22 4	0 10	21 50	0 29	10 46	1 47	5 13	14 16	23 17	23 15	14 29	8 8	2 4
M15	23 17	14 50	4 56	21 8	0 50	20 47	2 11	20 1	0 8	13 43	0 59	22 4	0 10	21 49	0 29	10 45	1 47	5 13	14 16	23 17	23 15	14 31	8 9	2 4
T 16	23 19	18 32	4 27	21 36	0 39	20 29	2 9	20 10	0 7	13 40	0 59	22 3	0 9	21 49	0 29	10 45	1 47	5 13	14 16	23 17	23 15	14 33	8 9	2 4
W17	23 21	21 29	3 46	22 2	0 27	20 10	2 8	20 20	0 7	13 37	0 58	22 2	0 9	21 48	0 29	10 45	1 46	5 14	14 16	23 17	23 15	14 35	8 10	2 4
T 18	23 23	23 31	2 54	22 27	0 16	19 51	2 7	20 29	0 6	13 33	0 58	22 1	0 9	21 48	0 29	10 45	1 46	5 14	14 16	23 17	23 16	14 38	8 11	2 4
F 19	23 24	24 27	1 54	22 49	0 5	19 32	2 5	20 38	0 5	13 30	0 58	22 0	0 9	21 47	0 29	10 44	1 46	5 14	14 16	23 17	23 16	14 40	8 11	2 4
S 20	23 25	24 11	0 47	23 10	0n 6	19 12	2 3	20 47	0 5	13 27	0 58	21 59	0 9	21 47	0 29	10 44	1 46	5 14	14 16	23 17	23 16	14 42	8 12	2 4
S 21	23 25	22 39	0n23	23 29	0 17	18 52	2 2	20 56	0 4	13 24	0 58	21 58	0 9	21 46	0 29	10 44	1 46	5 14	14 17	23 18	23 16	14 44	8 13	2 4
M22	23 25	19 55	1 34	23 46	0 27	18 31	2 0	21 4	0 3	13 20	0 58	21 57	0 9	21 45	0 29	10 44	1 46	5 14	14 17	23 17	23 16	14 46	8 13	2 4
T 23	23 25	16 6	2 40	24 0	0 37	18 10	1 58	21 12	0 3	13 17	0 58	21 56	0 9	21 45	0 29	10 44	1 46	5 14	14 17	23 17	23 16	14 48	8 14	2 5
W24	23 24	11 26	3 39	24 12	0 47	17 48	1 55	21 21	0 2	13 13	0 58	21 55	0 9	21 44	0 29	10 43	1 46	5 14	14 17	23 17	23 17	14 51	8 14	2 5
T 25	23 23	6 8	4 27	24 21	0 56	17 27	1 53	21 28	0 1	13 10	0 58	21 54	0 9	21 44	0 29	10 43	1 46	5 15	14 17	23 17	23 17	14 53	8 15	2 5
F 26	23 21	0 29	5 0	24 27	1 4	17 4	1 51	21 36	0 1	13 6	0 58	21 53	0 9	21 43	0 29	10 43	1 46	5 15	14 17	23 17	23 17	14 55	8 15	2 5
S 27	23 19	5n17	5 16	24 30	1 12	16 42	1 48	21 43	0n 0	13 3	0 58	21 52	0 8	21 42	0 29	10 43	1 46	5 15	14 17	23 17	23 17	14 57	8 16	2 5
S 28	23 17	10 50	5 13	24 31	1 19	16 19	1 45	21 51	0 1	12 59	0 58	21 51	0 8	21 42	0 29	10 43	1 46	5 15	14 18	23 17	23 17	14 59	8 16	2 5
M29	23 14	15 52	4 50	24 29	1 26	15 56	1 42	21 58	0 1	12 56	0 58	21 50	0 8	21 41	0 29	10 43	1 46	5 15	14 18	23 17	23 17	15 1	8 17	2 5
T 30	23n11	20n 1	4n10	24n24	1n32	15n32	1n40	22n 4	0n 2	12n52	0n58	21n49	0s 8	21n40	0n29	10s43	1n46	5n15	14s18	23s17	23s17	15s 4	8n17	2n 5

Julian Day Number = 2496255.5, Delta T = 104.60 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°27'03, Lahiri = 25°34'03

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ASTRODIENST EPHEMERIS for the year 2122
geocentric

JULY 2122 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 35 17	9♋ 1'15	28♉29	14♋15	23♌39	11♊25	28♌44	19♋59	24♋36	2°R36	25♉42	5♑56	5♑52	27♎40	16♈13	W 1
T 2	18 39 14	9°58'30	12♊51	16°23	24°42	12° 7	28°54	20° 7	24°39	2♏35	25°43	5°57	5°49	27°47	16°14	T 2
F 3	18 43 10	10°55'45	27° 4	18°29	25°44	12°50	29° 5	20°14	24°43	2°35	25°44	5°57	5°46	27°54	16°15	F 3
S 4	18 47 7	11°52'59	11♋ 5	20°33	26°47	13°32	29°15	20°22	24°46	2°35	25°45	5°R57	5°43	28° 0	16°16	S 4
S 5	18 51 3	12°50'13	24°49	22°36	27°49	14°14	29°26	20°30	24°50	2°34	25°46	5°57	5°40	28° 7	16°17	S 5
M 6	18 55 0	13°47'28	8♌15	24°37	28°51	14°56	29°37	20°38	24°54	2°34	25°47	5°56	5°37	28°14	16°17	M 6
T 7	18 58 56	14°44'41	21°20	26°36	29°53	15°37	29°47	20°45	24°57	2°34	25°47	5°55	5°33	28°21	16°18	T 7
W 8	19 2 53	15°41'55	4♍ 6	28°34	0♍54	16°19	29°58	20°53	25° 1	2°34	25°48	5°54	5°30	28°27	16°19	W 8
T 9	19 6 50	16°39'09	16°34	0♌29	1°55	17° 1	0♍ 9	21° 1	25° 4	2°33	25°49	5°53	5°27	28°34	16°19	T 9
F 10	19 10 46	17°36'22	28°48	2°23	2°55	17°43	0°20	21° 9	25° 8	2°33	25°50	5°52	5°24	28°41	16°20	F 10
S 11	19 14 43	18°33'35	10♎50	4°14	3°56	18°24	0°32	21°16	25°12	2°33	25°51	5°51	5°21	28°47	16°20	S 11
S 12	19 18 39	19°30'48	22°45	6° 4	4°56	19° 6	0°43	21°24	25°15	2°33	25°52	5°D51	5°18	28°54	16°21	S 12
M13	19 22 36	20°28'01	4♏38	7°51	5°55	19°47	0°54	21°32	25°19	2°33	25°53	5°51	5°14	29° 1	16°21	M13
T 14	19 26 32	21°25'14	16°33	9°37	6°54	20°29	1° 5	21°40	25°23	2°D33	25°54	5°52	5°11	29° 8	16°21	T 14
W15	19 30 29	22°22'27	28°34	11°21	7°53	21°10	1°17	21°48	25°26	2°33	25°55	5°54	5° 8	29°14	16°22	W15
T 16	19 34 25	23°19'40	10♐47	13° 3	8°52	21°52	1°28	21°55	25°30	2°33	25°55	5°55	5° 5	29°21	16°22	T 16
F 17	19 38 22	24°16'53	23°14	14°42	9°50	22°33	1°40	22° 3	25°34	2°33	25°56	5°56	5° 2	29°28	16°22	F 17
S 18	19 42 19	25°14'06	5♑57	16°20	10°47	23°14	1°51	22°11	25°37	2°33	25°57	5°R56	4°58	29°34	16°22	S 18
S 19	19 46 15	26°11'20	18°58	17°56	11°44	23°55	2° 3	22°19	25°41	2°33	25°58	5°56	4°55	29°41	16°22	S 19
M20	19 50 12	27° 8'34	2♒17	19°30	12°41	24°36	2°15	22°27	25°45	2°33	25°58	5°54	4°52	29°48	16°R22	M20
T 21	19 54 8	28° 5'48	15°53	21° 2	13°37	25°17	2°26	22°34	25°48	2°34	25°59	5°52	4°49	29°55	16°22	T 21
W22	19 58 5	29° 3'03	29°43	22°31	14°33	25°58	2°38	22°42	25°52	2°34	26° 0	5°49	4°46	0♏ 1	16°22	W22
T 23	20 2 1	0♌ 0'18	13♓45	23°59	15°28	26°39	2°50	22°50	25°56	2°34	26° 1	5°46	4°43	0° 8	16°22	T 23
F 24	20 5 58	0°57'34	27°55	25°25	16°23	27°20	3° 2	22°58	25°59	2°34	26° 1	5°43	4°39	0°15	16°22	F 24
S 25	20 9 54	1°54'51	12♈ 9	26°49	17°17	28° 1	3°14	23° 5	26° 3	2°35	26° 2	5°40	4°36	0°21	16°22	S 25
S 26	20 13 51	2°52'08	26°23	28°11	18°11	28°42	3°26	23°13	26° 7	2°35	26° 3	5°39	4°33	0°28	16°21	S 26
M27	20 17 48	3°49'27	10♉36	29°30	19° 4	29°22	3°38	23°21	26°10	2°35	26° 3	5°D39	4°30	0°35	16°21	M27
T 28	20 21 44	4°46'47	24°45	0♍48	19°57	0♋ 3	3°50	23°28	26°14	2°36	26° 4	5°40	4°27	0°41	16°21	T 28
W29	20 25 41	5°44'07	8♊48	2° 3	20°49	0°44	4° 2	23°36	26°18	2°36	26° 4	5°42	4°24	0°48	16°20	W29
T 30	20 29 37	6°41'29	22°44	3°16	21°40	1°24	4°14	23°44	26°21	2°37	26° 5	5°43	4°20	0°55	16°20	T 30
F 31	20 33 34	7♌38'51	6♋30	4♍26	22♍31	2♋ 4	4♍27	23♋51	26♋25	2♏37	26♉ 6	5°R43	4♑17	1♏ 2	16♈19	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 7	22n57	3n13	24n16	1n37	15n 9	1n36	22n11	0n 3	12n48	0n57	21n48	0s 8	21n40	0n29	10s43	1n46	5n15	14s18	23s17	23s18	15s 6	8n18	2n 5
T 2	23 3	24 23	2 5	24 6	1 41	14 45	1 33	22 17	0 4	12 45	0 57	21 47	0 8	21 39	0 29	10 42	1 46	5 15	14 18	23 17	23 18	15 8	8 18	2 5
F 3	22 58	24 13	0 49	23 53	1 45	14 20	1 30	22 23	0 4	12 41	0 57	21 46	0 8	21 39	0 29	10 42	1 46	5 15	14 19	23 17	23 18	15 10	8 18	2 5
S 4	22 54	22 29	0s28	23 38	1 48	13 56	1 26	22 29	0 5	12 37	0 57	21 45	0 8	21 38	0 29	10 42	1 46	5 15	14 19	23 17	23 18	15 12	8 19	2 5
S 5	22 48	19 28	1 43	23 20	1 50	13 31	1 23	22 35	0 6	12 33	0 57	21 44	0 8	21 37	0 29	10 42	1 46	5 15	14 19	23 17	23 18	15 14	8 19	2 5
M 6	22 43	15 28	2 49	23 1	1 52	13 6	1 19	22 41	0 6	12 30	0 57	21 43	0 8	21 37	0 29	10 42	1 45	5 15	14 19	23 17	23 18	15 16	8 20	2 5
T 7	22 37	10 49	3 46	22 39	1 52	12 41	1 15	22 46	0 7	12 26	0 57	21 42	0 8	21 36	0 29	10 42	1 45	5 15	14 19	23 17	23 18	15 18	8 20	2 5
W 8	22 30	5 49	4 29	22 16	1 52	12 15	1 11	22 51	0 8	12 22	0 57	21 41	0 7	21 35	0 29	10 42	1 45	5 15	14 19	23 18	23 19	15 21	8 20	2 5
T 9	22 23	0 43	4 59	21 51	1 52	11 49	1 7	22 56	0 8	12 18	0 57	21 40	0 7	21 35	0 29	10 42	1 45	5 15	14 20	23 18	23 19	15 23	8 20	2 5
F 10	22 16	4s19	5 14	21 24	1 50	11 24	1 2	23 0	0 9	12 14	0 57	21 39	0 7	21 34	0 29	10 42	1 45	5 15	14 20	23 18	23 19	15 25	8 21	2 5
S 11	22 8	9 7	5 15	20 56	1 48	10 58	0 58	23 5	0 10	12 10	0 57	21 37	0 7	21 33	0 29	10 42	1 45	5 15	14 20	23 18	23 19	15 27	8 21	2 5
S 12	22 0	13 31	5 3	20 27	1 46	10 31	0 53	23 9	0 11	12 6	0 57	21 36	0 7	21 33	0 29	10 42	1 45	5 15	14 20	23 18	23 19	15 29	8 21	2 5
M13	21 52	17 24	4 37	19 56	1 42	10 5	0 48	23 13	0 11	12 2	0 57	21 35	0 7	21 32	0 29	10 42	1 45	5 15	14 20	23 18	23 19	15 31	8 21	2 5
T 14	21 43	20 36	4 0	19 25	1 39	9 39	0 43	23 17	0 12	11 58	0 57	21 34	0 7	21 31	0 29	10 42	1 45	5 15	14 21	23 18	23 19	15 33	8 21	2 5
W15	21 34	22 57	3 12	18 52	1 34	9 12	0 38	23 20	0 13	11 54	0 57	21 33	0 7	21 31	0 29	10 42	1 45	5 15	14 21	23 18	23 19	15 35	8 22	2 5
T 16	21 25	24 16	2 14	18 19	1 29	8 45	0 33	23 24	0 13	11 50	0 57	21 32	0 7	21 30	0 29	10 42	1 45	5 15	14 21	23 17	23 20	15 37	8 22	2 6
F 17	21 15	24 25	1 10	17 45	1 24	8 19	0 28	23 27	0 14	11 46	0 57	21 31	0 7	21 29	0 29	10 42	1 45	5 15	14 21	23 17	23 20	15 39	8 22	2 6
S 18	21 4	23 17	0n 0	17 10	1 18	7 52	0 22	23 30	0 15	11 41	0 57	21 29	0 7	21 29	0 29	10 43	1 45	5 15	14 22	23 17	23 20	15 41	8 22	2 6
S 19	20 54	20 55	1 11	16 35	1 12	7 25	0 17	23 33	0 16	11 37	0 57	21 28	0 7	21 28	0 29	10 43	1 45	5 15	14 22	23 17	23 20	15 43	8 22	2 6
M20	20 43	17 22	2 20	16 0	1 5	6 58	0 11	23 35	0 16	11 33	0 57	21 27	0 6	21 27	0 29	10 43	1 45	5 15	14 22	23 18	23 20	15 45	8 22	2 6
T 21	20 32	12 51	3 22	15 24	0 58	6 31	0 5	23 37	0 17	11 29	0 57	21 26	0 6	21 27	0 29	10 43	1 45	5 15	14 22	23 18	23 20	15 47	8 22	2 6
W22	20 20	7 36	4 14	14 47	0 50	6 4	0s 1	23 39	0 18	11 24	0 57	21 25	0 6	21 26	0 29	10 43	1 45	5 15	14 22	23 18	23 20	15 50	8 22	2 6
T 23	20 8	1 54	4 51	14 11	0 42	5 37	0 7	23 41	0 18	11 20	0 57	21 23	0 6	21 25	0 29	10 43	1 45	5 15	14 23	23 18	23 20	15 52	8 22	2 6
F 24	19 56	3n55	5 11	13 34	0 34	5 9	0 14	23 43	0 19	11 16	0 57	21 22	0 6	21 25	0 29	10 43	1 44	5 15	14 23	23 18	23 20	15 54	8 22	2 6
S 25	19 43	9 34	5 12	12 58	0 25	4 42	0 20	23 44	0 20	11 12	0 56	21 21	0 6	21 24	0 29	10 43	1 44	5 15	14 23	23 18	23 21	15 56	8 22	2 6
S 26	19 30	14 44	4 53	12 21	0 16	4 15	0 27	23 46	0 21	11 7	0 56	21 20	0 6	21 23	0 29	10 44	1 44	5 14	14 23	23 18	23 21	15 58	8 22	2 6
M27	19 17	19 4	4 17	11 44	0 7	3 48	0 34	23 47	0 21	11 3	0 56	21 19	0 6	21 23	0 29	10 44	1 44	5 14	14 24	23 18	23 21	16 0	8 22	2 6
T 28	19 3	22 16	3 26	11 8	0s 3	3 21	0 41	23 47	0 22	10 58	0 56	21 17	0 6	21 22	0 29	10 44	1 44	5 14	14 24	23 18	23 21	16 2	8 22	2 6
W29	18 50	24 6	2 22	10 32	0 13	2 54	0 48	23 48	0 23	10 54	0 56	21 16	0 6	21 21	0 29	10 44	1 44	5 14	14 24	23 18	23 21	16 4	8 22	2 6
T 30	18 35	24 24	1 11	9 56	0 23	2 27	0 55	23 48	0 23	10 49	0 56	21 15	0 6	21 21	0 29	10 44	1 44	5 14	14 24	23 18	23 21	16 6	8 21	2 6
F 31	18n21	23n12	0s 4	9n21	0s34	2n 1	1s 3	23n49	0n24	10n45	0n56	21n14	0s 6	21n20	0n29	10s45	1n44	5n14	14s25	23s18	23s21	16s 8	8n21	2n 6

Julian Day Number = 2496285.5, Delta T = 104.65 sec
Ecliptic obliquity = 23°25'24, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°27'07, Lahiri = 25°34'07

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ASTRODIENST EPHEMERIS for the year 2122
geocentric

AUGUST 2122 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 30	8♌36'15	20♋ 6	5♍34	23♍21	29♋45	4♍39	23♋59	26♋28	2♏38	26♉ 6	5°R43	4♑14	1♏ 8	16°R18	S 1
S 2	20 41 27	9°33'39	3♌29	6°40	24°10	3°25	4°51	24° 7	26°32	2°38	26° 7	5♑40	4°11	1°15	16♈18	S 2
M 3	20 45 23	10°31'04	16°38	7°43	24°59	4° 5	5° 4	24°14	26°36	2°39	26° 7	5°36	4° 8	1°22	16°17	M 3
T 4	20 49 20	11°28'30	29°32	8°43	25°47	4°46	5°16	24°22	26°39	2°40	26° 8	5°31	4° 4	1°28	16°16	T 4
W 5	20 53 17	12°25'56	12♍11	9°41	26°34	5°26	5°29	24°29	26°43	2°40	26° 8	5°25	4° 1	1°35	16°15	W 5
T 6	20 57 13	13°23'23	24°35	10°35	27°20	6° 6	5°41	24°37	26°46	2°41	26° 8	5°18	3°58	1°42	16°15	T 6
F 7	21 1 10	14°20'51	6♎46	11°27	28° 5	6°46	5°54	24°44	26°50	2°42	26° 9	5°12	3°55	1°49	16°14	F 7
S 8	21 5 6	15°18'20	18°47	12°15	28°50	7°26	6° 6	24°52	26°53	2°42	26° 9	5° 8	3°52	1°55	16°13	S 8
S 9	21 9 3	16°15'50	0♏41	13° 0	29°34	8° 6	6°19	24°59	26°57	2°43	26°10	5° 4	3°49	2° 2	16°12	S 9
M10	21 12 59	17°13'20	12°32	13°41	0♎16	8°46	6°31	25° 7	27° 0	2°44	26°10	5°D 3	3°45	2° 9	16°11	M10
T 11	21 16 56	18°10'51	24°26	14°19	0°58	9°25	6°44	25°14	27° 4	2°45	26°10	5° 3	3°42	2°15	16°10	T 11
W12	21 20 52	19° 8'23	6♐28	14°53	1°39	10° 5	6°57	25°22	27° 7	2°46	26°11	5° 4	3°39	2°22	16° 8	W12
T 13	21 24 49	20° 5'56	18°41	15°22	2°19	10°45	7° 9	25°29	27°11	2°47	26°11	5° 6	3°36	2°29	16° 7	T 13
F 14	21 28 46	21° 3'29	1♑11	15°47	2°57	11°24	7°22	25°36	27°14	2°48	26°11	5°R 7	3°33	2°36	16° 6	F 14
S 15	21 32 42	22° 1'04	14° 2	16° 8	3°34	12° 4	7°35	25°43	27°18	2°49	26°11	5° 6	3°30	2°42	16° 5	S 15
S 16	21 36 39	22°58'40	27°16	16°23	4°11	12°43	7°48	25°51	27°21	2°50	26°12	5° 4	3°26	2°49	16° 3	S 16
M17	21 40 35	23°56'16	10♒53	16°34	4°46	13°22	8° 0	25°58	27°24	2°51	26°12	5° 0	3°23	2°56	16° 2	M17
T 18	21 44 32	24°53'54	24°52	16°40	5°19	14° 2	8°13	26° 5	27°28	2°52	26°12	4°54	3°20	3° 2	16° 0	T 18
W19	21 48 28	25°51'33	9♓10	16°R40	5°52	14°41	8°26	26°12	27°31	2°53	26°12	4°46	3°17	3° 9	15°59	W19
T 20	21 52 25	26°49'13	23°40	16°35	6°23	15°20	8°39	26°19	27°34	2°54	26°12	4°38	3°14	3°16	15°57	T 20
F 21	21 56 21	27°46'55	8♈15	16°24	6°52	15°59	8°52	26°26	27°38	2°55	26°12	4°31	3°10	3°22	15°56	F 21
S 22	22 0 18	28°44'38	22°50	16° 7	7°20	16°38	9° 5	26°33	27°41	2°56	26°12	4°25	3° 7	3°29	15°54	S 22
S 23	22 4 15	29°42'23	7♉18	15°44	7°46	17°17	9°18	26°40	27°44	2°58	26°13	4°20	3° 4	3°36	15°52	S 23
M24	22 8 11	0♍40'10	21°35	15°16	8°11	17°56	9°31	26°47	27°47	2°59	26°13	4°18	3° 1	3°43	15°51	M24
T 25	22 12 8	1°37'58	5♊39	14°43	8°35	18°35	9°43	26°54	27°51	3° 0	26°13	4°D18	2°58	3°49	15°49	T 25
W26	22 16 4	2°35'48	19°30	14° 4	8°56	19°14	9°56	27° 1	27°54	3° 1	26°R13	4°19	2°55	3°56	15°47	W26
T 27	22 20 1	3°33'40	3♋ 7	13°21	9°16	19°53	10° 9	27° 8	27°57	3° 3	26°13	4°R19	2°51	4° 3	15°45	T 27
F 28	22 23 57	4°31'34	16°31	12°34	9°34	20°32	10°22	27°15	28° 0	3° 4	26°13	4°19	2°48	4° 9	15°44	F 28
S 29	22 27 54	5°29'29	29°43	11°43	9°50	21°10	10°35	27°21	28° 3	3° 5	26°13	4°16	2°45	4°16	15°42	S 29
S 30	22 31 50	6°27'26	12♌44	10°49	10° 4	21°49	10°48	27°28	28° 6	3° 7	26°13	4°11	2°42	4°23	15°40	S 30
M31	22 35 47	7♍25'24	25♌33	9♍54	10♎16	22♋27	11♍ 1	27♋35	28♋ 9	3♏ 8	26♉12	4♑ 3	2♑39	4♏29	15♈38	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	18n 6	20n38	1s18	8n46	0s45	1n34	1s10	23n49	0n25	10n40	0n56	21n12	0s 5	21n19	0n29	10s45	1n44	5n14	14s25	23s18	23s21	16s10	8n21	2n 6	S 1
S 2	17 51	17 0	2 26	8 12	0 56	1 7	1 18	23 48	0 26	10 36	0 56	21 11	0 5	21 19	0 29	10 45	1 44	5 14	14 25	23 18	23 21	16 12	8 21	2 6	S 2
M 3	17 35	12 35	3 24	7 38	1 7	0 41	1 26	23 48	0 26	10 31	0 56	21 10	0 5	21 18	0 29	10 45	1 44	5 13	14 25	23 18	23 22	16 14	8 21	2 6	M 3
T 4	17 20	7 42	4 11	7 5	1 18	0 15	1 34	23 47	0 27	10 27	0 56	21 9	0 5	21 17	0 29	10 46	1 44	5 13	14 26	23 19	23 22	16 16	8 20	2 6	T 4
W 5	17 4	2 36	4 45	6 33	1 30	0s12	1 42	23 46	0 28	10 22	0 56	21 7	0 5	21 17	0 29	10 46	1 44	5 13	14 26	23 19	23 22	16 18	8 20	2 6	W 5
T 6	16 47	2s31	5 5	6 2	1 41	0 38	1 50	23 45	0 28	10 18	0 56	21 6	0 5	21 16	0 29	10 46	1 44	5 13	14 26	23 19	23 22	16 20	8 20	2 6	T 6
F 7	16 31	7 25	5 10	5 32	1 53	1 3	1 59	23 44	0 29	10 13	0 56	21 5	0 5	21 15	0 29	10 47	1 44	5 13	14 26	23 19	23 22	16 22	8 19	2 6	F 7
S 8	16 14	12 0	5 1	5 3	2 4	1 29	2 7	23 43	0 30	10 8	0 56	21 4	0 5	21 15	0 29	10 47	1 44	5 13	14 27	23 19	23 22	16 24	8 19	2 6	S 8
S 9	15 57	16 4	4 40	4 35	2 16	1 54	2 16	23 41	0 31	10 4	0 56	21 2	0 5	21 14	0 29	10 47	1 44	5 12	14 27	23 20	23 22	16 26	8 19	2 6	S 9
M10	15 40	19 30	4 6	4 8	2 28	2 20	2 25	23 39	0 31	9 59	0 56	21 1	0 5	21 13	0 29	10 47	1 44	5 12	14 27	23 20	23 22	16 27	8 18	2 7	M10
T 11	15 22	22 8	3 22	3 43	2 40	2 44	2 34	23 37	0 32	9 54	0 56	21 0	0 5	21 13	0 29	10 48	1 43	5 12	14 28	23 20	23 22	16 29	8 18	2 7	T 11
W12	15 4	23 49	2 29	3 19	2 51	3 9	2 43	23 35	0 33	9 50	0 56	20 59	0 4	21 12	0 29	10 48	1 43	5 12	14 28	23 20	23 22	16 31	8 17	2 7	W12
T 13	14 46	24 24	1 28	2 57	3 3	3 33	2 53	23 33	0 34	9 45	0 56	20 57	0 4	21 11	0 29	10 49	1 43	5 12	14 28	23 20	23 22	16 33	8 17	2 7	T 13
F 14	14 28	23 46	0 21	2 37	3 14	3 57	3 2	23 30	0 34	9 40	0 56	20 56	0 4	21 11	0 29	10 49	1 43	5 11	14 28	23 19	23 23	16 35	8 17	2 7	F 14
S 15	14 10	21 53	0n48	2 19	3 25	4 21	3 12	23 27	0 35	9 36	0 56	20 55	0 4	21 10	0 29	10 49	1 43	5 11	14 29	23 20	23 23	16 37	8 16	2 7	S 15
S 16	13 51	18 47	1 57	2 4	3 35	4 44	3 21	23 24	0 36	9 31	0 56	20 54	0 4	21 9	0 29	10 50	1 43	5 11	14 29	23 20	23 23	16 39	8 16	2 7	S 16
M17	13 32	14 36	3 0	1 50	3 45	5 7	3 31	23 21	0 36	9 26	0 56	20 52	0 4	21 9	0 29	10 50	1 43	5 11	14 29	23 20	23 23	16 41	8 15	2 7	M17
T 18	13 13	9 32	3 55	1 39	3 55	5 30	3 41	23 18	0 37	9 21	0 56	20 51	0 4	21 8	0 29	10 50	1 43	5 11	14 29	23 20	23 23	16 43	8 15	2 7	T 18
W19	12 53	3 51	4 36	1 31	4 4	5 52	3 51	23 15	0 38	9 16	0 56	20 50	0 4	21 7	0 29	10 51	1 43	5 10	14 30	23 20	23 23	16 45	8 14	2 7	W19
T 20	12 34	2n 5	5 0	1 25	4 12	6 13	4 1	23 11	0 39	9 12	0 56	20 49	0 4	21 7	0 29	10 51	1 43	5 10	14 30	23 21	23 23	16 47	8 13	2 7	T 20
F 21	12 14	7 57	5 5	1 23	4 20	6 34	4 11	23 7	0 39	9 7	0 56	20 47	0 4	21 6	0 29	10 52	1 43	5 10	14 30	23 21	23 23	16 49	8 13	2 7	F 21
S 22	11 54	13 22	4 50	1 23	4 26	6 55	4 22	23 3	0 40	9 2	0 56	20 46	0 4	21 6	0 29	10 52	1 43	5 10	14 31	23 21	23 23	16 51	8 12	2 7	S 22
S 23	11 34	17 59	4 17	1 27	4 31	7 15	4 32	22 59	0 41	8 57	0 56	20 45	0 4	21 5	0 29	10 53	1 43	5 9	14 31	23 21	23 23	16 52	8 12	2 7	S 23
M24	11 14	21 30	3 28	1 34	4 35	7 35	4 43	22 54	0 42	8 52	0 57	20 44	0 3	21 4	0 29	10 53	1 43	5 9	14 31	23 21	23 23	16 54	8 11	2 7	M24
T 25	10 53	23 39	2 27	1 44	4 38	7 53	4 53	22 50	0 42	8 47	0 57	20 42	0 3	21 4	0 29	10 54	1 43	5 9	14 31	23 21	23 23	16 56	8 10	2 7	T 25
W26	10 33	24 19	1 18	1 58	4 39	8 12	5 4	22 45	0 43	8 43	0 57	20 41	0 3	21 3	0 30	10 54	1 43	5 9	14 32	23 21	23 23	16 58	8 10	2 7	W26
T 27	10 12	23 30	0 6	2 15	4 38	8 29	5 15	22 40	0 44	8 38	0 57	20 40	0 3	21 2	0 30	10 55	1 43	5 8	14 32	23 21	23 24	17 0	8 9	2 7	T 27
F 28	9 51	21 20	1s 5	2 35	4 36	8 46	5 25	22 35	0 44	8 33	0 57	20 39	0 3	21 2	0 30	10 55	1 43	5 8	14 32	23 21	23 24	17 2	8 8	2 7	F 28
S 29	9 30	18 3	2 11	2 59	4 32	9 2	5 36	22 30	0 45	8 28	0 57	20 38	0 3	21 1	0 30	10 56	1 43	5 8	14 32	23 21	23 24	17 4	8 7	2 7	S 29
S 30	9 8	13 57	3 10	3 24	4 25	9 18	5 47	22 25	0 46	8 23	0 57	20 36	0 3	21 1	0 30	10 56	1 43	5 8	14 33	23 21	23 24	17 6	8 7	2 7	S 30
M31	8n47	9n16	3s58	3n53	4s17	9s32	5s57	22n19	0n47	8n18	0n57	20n35	0s 3	21n 0	0n30	10s57	1n43	5n 7	14s33	23s22	23s24	17s 7	8n 6	2n 7	M31

Julian Day Number = 2496316.5, Delta T = 104.69 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°27'11, Lahiri = 25°34'11

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ASTRODIENST EPHEMERIS for the year 2122
geocentric

SEPTEMBER 2122 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 44	8♍23'25	8♍11	8°R58	10♎26	23♋ 6	11♍14	27♋41	28♋12	3♏10	26°R12	3°R52	2♑35	4♏36	15°R36	T 1
W 2	22 43 40	9°21'26	20°38	8♍ 3	10°34	23°44	11°27	27°48	28°15	3°11	26♉12	3♑41	2°32	4°43	15♈34	W 2
T 3	22 47 37	10°19'29	2♎54	7°10	10°39	24°22	11°40	27°54	28°18	3°13	26°12	3°29	2°29	4°50	15°31	T 3
F 4	22 51 33	11°17'34	14°59	6°19	10°43	25° 1	11°53	28° 1	28°21	3°14	26°12	3°17	2°26	4°56	15°29	F 4
S 5	22 55 30	12°15'40	26°56	5°33	10°R44	25°39	12° 6	28° 7	28°24	3°16	26°12	3° 7	2°23	5° 3	15°27	S 5
S 6	22 59 26	13°13'48	8♏48	4°52	10°43	26°17	12°19	28°13	28°27	3°17	26°11	3° 0	2°20	5°10	15°25	S 6
M 7	23 3 23	14°11'58	20°37	4°17	10°39	26°55	12°33	28°19	28°30	3°19	26°11	2°55	2°16	5°16	15°23	M 7
T 8	23 7 19	15°10'08	2♐28	3°49	10°34	27°33	12°46	28°26	28°33	3°20	26°11	2°52	2°13	5°23	15°20	T 8
W 9	23 11 16	16° 8'21	14°27	3°29	10°25	28°11	12°59	28°32	28°35	3°22	26°11	2°D52	2°10	5°30	15°18	W 9
T 10	23 15 12	17° 6'34	26°38	3°18	10°15	28°48	13°12	28°38	28°38	3°24	26°10	2°R52	2° 7	5°36	15°16	T 10
F 11	23 19 9	18° 4'50	9♑ 7	3°D15	10° 2	29°26	13°25	28°44	28°41	3°25	26°10	2°52	2° 4	5°43	15°13	F 11
S 12	23 23 6	19° 3'06	21°58	3°20	9°46	0♌ 4	13°38	28°50	28°43	3°27	26°10	2°51	2° 1	5°50	15°11	S 12
S 13	23 27 2	20° 1'24	5♒15	3°35	9°28	0°41	13°51	28°56	28°46	3°29	26° 9	2°47	1°57	5°57	15° 9	S 13
M14	23 30 59	20°59'44	19° 1	3°59	9° 8	1°19	14° 4	29° 1	28°49	3°31	26° 9	2°41	1°54	6° 3	15° 6	M14
T 15	23 34 55	21°58'06	3♓14	4°32	8°46	1°56	14°17	29° 7	28°51	3°32	26° 9	2°33	1°51	6°10	15° 4	T 15
W16	23 38 52	22°56'29	17°50	5°14	8°22	2°34	14°29	29°13	28°54	3°34	26° 8	2°22	1°48	6°17	15° 1	W16
T 17	23 42 48	23°54'53	2♈43	6° 3	7°55	3°11	14°42	29°18	28°56	3°36	26° 8	2°11	1°45	6°23	14°59	T 17
F 18	23 46 45	24°53'20	17°44	7° 0	7°27	3°48	14°55	29°24	28°59	3°38	26° 7	2° 0	1°41	6°30	14°56	F 18
S 19	23 50 41	25°51'49	2♉43	8° 5	6°57	4°25	15° 8	29°29	29° 1	3°40	26° 7	1°51	1°38	6°37	14°54	S 19
S 20	23 54 38	26°50'20	17°30	9°16	6°25	5° 2	15°21	29°35	29° 3	3°41	26° 6	1°45	1°35	6°43	14°51	S 20
M21	23 58 35	27°48'53	2♊ 1	10°34	5°52	5°39	15°34	29°40	29° 6	3°43	26° 6	1°41	1°32	6°50	14°49	M21
T 22	0 2 31	28°47'29	16°12	11°57	5°18	6°16	15°47	29°45	29° 8	3°45	26° 5	1°39	1°29	6°57	14°46	T 22
W23	0 6 28	29°46'06	0♋ 2	13°25	4°42	6°53	16° 0	29°50	29°10	3°47	26° 5	1°39	1°26	7° 4	14°43	W23
T 24	0 10 24	0♎44'46	13°31	14°57	4° 6	7°30	16°13	29°56	29°12	3°49	26° 4	1°39	1°22	7°10	14°41	T 24
F 25	0 14 21	1°43'28	26°43	16°32	3°30	8° 7	16°25	0♌ 1	29°14	3°51	26° 4	1°37	1°19	7°17	14°38	F 25
S 26	0 18 17	2°42'13	9♌39	18°11	2°53	8°43	16°38	0° 5	29°16	3°53	26° 3	1°34	1°16	7°24	14°35	S 26
S 27	0 22 14	3°40'59	22°22	19°52	2°16	9°20	16°51	0°10	29°19	3°55	26° 3	1°27	1°13	7°30	14°33	S 27
M28	0 26 10	4°39'48	4♍54	21°36	1°39	9°56	17° 4	0°15	29°21	3°57	26° 2	1°18	1°10	7°37	14°30	M28
T 29	0 30 7	5°38'38	17°16	23°21	1° 3	10°33	17°16	0°20	29°22	3°59	26° 1	1° 6	1° 7	7°44	14°27	T 29
W30	0 34 4	6♎37'31	29♍30	25♍ 7	0♎27	11♌ 9	17♍29	0♌24	29♋24	4♏ 1	26♉ 1	0♑52	1♑ 3	7♏50	14♈24	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n25	4n16	4s33	4n23	4s 7	9s46	6s 8	22n14	0n47	8n13	0n57	20n34	0s 3	20n59	0n30	10s57	1n42	5n 7	14s33	23s22	23s24	17s 9	8n 5	2n 7
W 2	8 3	0s48	4 54	4 54	3 56	9 59	6 19	22 8	0 48	8 8	0 57	20 33	0 3	20 59	0 30	10 58	1 42	5 7	14 34	23 22	23 24	17 11	8 4	2 7
T 3	7 41	5 46	5 2	5 26	3 42	10 10	6 29	22 2	0 49	8 3	0 57	20 31	0 3	20 58	0 30	10 58	1 42	5 6	14 34	23 23	23 24	17 13	8 4	2 7
F 4	7 20	10 27	4 56	5 59	3 27	10 21	6 39	21 56	0 50	7 58	0 57	20 30	0 3	20 58	0 30	10 59	1 42	5 6	14 34	23 23	23 24	17 15	8 3	2 7
S 5	6 57	14 40	4 37	6 31	3 11	10 31	6 49	21 50	0 50	7 54	0 57	20 29	0 2	20 57	0 30	10 59	1 42	5 6	14 34	23 23	23 24	17 17	8 2	2 7
S 6	6 35	18 18	4 6	7 2	2 53	10 40	6 59	21 43	0 51	7 49	0 57	20 28	0 2	20 57	0 30	11 0	1 42	5 5	14 35	23 23	23 24	17 18	8 1	2 7
M 7	6 13	21 11	3 24	7 31	2 35	10 47	7 9	21 37	0 52	7 44	0 57	20 27	0 2	20 56	0 30	11 1	1 42	5 5	14 35	23 23	23 24	17 20	8 0	2 7
T 8	5 50	23 9	2 34	7 59	2 16	10 54	7 19	21 30	0 53	7 39	0 57	20 26	0 2	20 56	0 30	11 1	1 42	5 5	14 35	23 24	23 24	17 22	7 59	2 7
W 9	5 28	24 7	1 36	8 24	1 57	10 59	7 28	21 23	0 53	7 34	0 57	20 24	0 2	20 55	0 30	11 2	1 42	5 5	14 35	23 24	23 24	17 24	7 58	2 7
T 10	5 5	23 56	0 33	8 46	1 38	11 3	7 36	21 16	0 54	7 29	0 57	20 23	0 2	20 54	0 30	11 2	1 42	5 4	14 36	23 24	23 24	17 26	7 57	2 7
F 11	4 43	22 34	0n33	9 5	1 18	11 5	7 45	21 9	0 55	7 24	0 57	20 22	0 2	20 54	0 30	11 3	1 42	5 4	14 36	23 24	23 24	17 28	7 56	2 7
S 12	4 20	20 0	1 39	9 21	1 0	11 6	7 53	21 2	0 56	7 19	0 57	20 21	0 2	20 53	0 30	11 3	1 42	5 4	14 36	23 24	23 24	17 29	7 56	2 7
S 13	3 57	16 19	2 43	9 33	0 41	11 6	8 0	20 54	0 56	7 14	0 57	20 20	0 2	20 53	0 30	11 4	1 42	5 3	14 36	23 24	23 25	17 31	7 55	2 7
M14	3 34	11 39	3 38	9 40	0 24	11 4	8 7	20 47	0 57	7 9	0 57	20 19	0 2	20 52	0 30	11 5	1 42	5 3	14 37	23 24	23 25	17 33	7 54	2 7
T 15	3 11	6 14	4 23	9 44	0 7	11 1	8 13	20 39	0 58	7 4	0 58	20 18	0 2	20 52	0 30	11 5	1 42	5 3	14 37	23 24	23 25	17 35	7 53	2 7
W16	2 48	0 20	4 51	9 44	0n 9	10 57	8 19	20 32	0 59	6 59	0 58	20 17	0 1	20 51	0 30	11 6	1 42	5 2	14 37	23 24	23 25	17 36	7 52	2 7
T 17	2 25	5n41	5 0	9 39	0 24	10 51	8 24	20 24	0 59	6 54	0 58	20 16	0 1	20 51	0 30	11 7	1 42	5 2	14 37	23 24	23 25	17 38	7 51	2 7
F 18	2 2	11 25	4 49	9 31	0 37	10 43	8 28	20 16	1 0	6 49	0 58	20 15	0 1	20 51	0 30	11 7	1 42	5 2	14 38	23 25	23 25	17 40	7 50	2 7
S 19	1 39	16 27	4 19	9 18	0 50	10 35	8 31	20 8	1 1	6 44	0 58	20 13	0 1	20 50	0 30	11 8	1 42	5 1	14 38	23 25	23 25	17 42	7 49	2 7
S 20	1 15	20 25	3 31	9 2	1 1	10 24	8 34	20 0	1 2	6 40	0 58	20 12	0 1	20 50	0 30	11 9	1 42	5 1	14 38	23 25	23 25	17 44	7 48	2 7
M21	0 52	23 0	2 30	8 42	1 11	10 13	8 36	19 51	1 2	6 35	0 58	20 11	0 1	20 49	0 30	11 9	1 42	5 1	14 38	23 25	23 25	17 45	7 47	2 7
T 22	0 29	24 3	1 21	8 19	1 20	10 0	8 36	19 43	1 3	6 30	0 58	20 10	0 1	20 49	0 30	11 10	1 42	5 0	14 39	23 25	23 25	17 47	7 46	2 7
W23	0 6	23 34	0 9	7 52	1 28	9 46	8 36	19 34	1 4	6 25	0 58	20 9	0 1	20 48	0 30	11 11	1 42	5 0	14 39	23 25	23 25	17 49	7 44	2 6
T 24	0s18	21 42	1s 2	7 23	1 35	9 31	8 35	19 26	1 5	6 20	0 58	20 8	0 1	20 48	0 30	11 11	1 42	5 0	14 39	23 25	23 25	17 50	7 43	2 6
F 25	0 41	18 42	2 8	6 51	1 40	9 14	8 33	19 17	1 6	6 15	0 58	20 7	0 1	20 47	0 30	11 12	1 42	4 59	14 39	23 25	23 25	17 52	7 42	2 6
S 26	1 4	14 50	3 6	6 16	1 45	8 57	8 31	19 8	1 6	6 10	0 58	20 6	0 1	20 47	0 30	11 13	1 42	4 59	14 39	23 25	23 25	17 54	7 41	2 6
S 27	1 28	10 22	3 54	5 40	1 48	8 39	8 27	18 59	1 7	6 5	0 58	20 6	0 0	20 47	0 30	11 13	1 42	4 59	14 40	23 25	23 25	17 56	7 40	2 6
M28	1 51	5 32	4 29	5 1	1 50	8 20	8 22	18 50	1 8	6 0	0 58	20 5	0 0	20 46	0 30	11 14	1 42	4 58	14 40	23 25	23 25	17 57	7 39	2 6
T 29	2 14	0 33	4 51	4 21	1 52	8 0	8 16	18 41	1 9	5 55	0 59	20 4	0 0	20 46	0 30	11 15	1 41	4 58	14 40	23 25	23 25	17 59	7 38	2 6
W30	2s38	4s23	5s 0	3n40	1n53	7s40	8s10	18n32	1n 9	5n51	0n59	20n 3	0s 0	20n45	0n30	11s15	1n41	4n58	14s40	23s25	23s25	18s 1	7n37	2n 6

Julian Day Number = 2496347.5, Delta T = 104.74 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°27'15, Lahiri = 25°34'16

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ASTRODIENST EPHEMERIS for the year 2122
geocentric

OCTOBER 2122 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 0	7♎36'25	11♎35	26♍55	29°R52	11♌45	17♍42	0♌29	29♋26	4♏ 3	26°R 0	0°R38	1♉ 0	7♏57	14°R22	T 1
F 2	0 41 57	8°35'22	23°34	28°42	29♍19	12°21	17°54	0°33	29°28	4° 5	25♉59	0♉24	0°57	8° 4	14♈19	F 2
S 3	0 45 53	9°34'21	5♏27	0♎31	28°46	12°57	18° 7	0°38	29°30	4° 7	25°58	0°12	0°54	8°10	14°16	S 3
S 4	0 49 50	10°33'22	17°16	2°19	28°15	13°33	18°19	0°42	29°32	4° 9	25°58	0° 3	0°51	8°17	14°13	S 4
M 5	0 53 46	11°32'24	29° 4	4° 7	27°46	14° 9	18°32	0°46	29°33	4°11	25°57	29♐57	0°47	8°24	14°11	M 5
T 6	0 57 43	12°31'28	10♐54	5°56	27°18	14°45	18°44	0°50	29°35	4°13	25°56	29°53	0°44	8°31	14° 8	T 6
W 7	1 1 39	13°30'35	22°51	7°43	26°53	15°21	18°57	0°54	29°36	4°16	25°55	29°51	0°41	8°37	14° 5	W 7
T 8	1 5 36	14°29'43	4♑59	9°31	26°30	15°56	19° 9	0°58	29°38	4°18	25°55	29°D51	0°38	8°44	14° 2	T 8
F 9	1 9 33	15°28'52	17°24	11°18	26° 8	16°32	19°21	1° 2	29°39	4°20	25°54	29°R51	0°35	8°51	14° 0	F 9
S 10	1 13 29	16°28'04	0♒11	13° 4	25°49	17° 7	19°34	1° 6	29°41	4°22	25°53	29°51	0°32	8°57	13°57	S 10
S 11	1 17 26	17°27'17	13°24	14°50	25°33	17°42	19°46	1° 9	29°42	4°24	25°52	29°48	0°28	9° 4	13°54	S 11
M12	1 21 22	18°26'32	27° 6	16°35	25°18	18°18	19°58	1°13	29°44	4°26	25°51	29°43	0°25	9°11	13°51	M12
T 13	1 25 19	19°25'49	11♓19	18°19	25° 6	18°53	20°10	1°16	29°45	4°29	25°51	29°36	0°22	9°17	13°49	T 13
W14	1 29 15	20°25'07	26° 0	20° 3	24°57	19°28	20°22	1°20	29°46	4°31	25°50	29°26	0°19	9°24	13°46	W14
T 15	1 33 12	21°24'27	11♈ 2	21°46	24°50	20° 3	20°34	1°23	29°47	4°33	25°49	29°16	0°16	9°31	13°43	T 15
F 16	1 37 8	22°23'50	26°17	23°28	24°45	20°38	20°46	1°26	29°48	4°35	25°48	29° 6	0°12	9°38	13°41	F 16
S 17	1 41 5	23°23'14	11♉33	25°10	24°D43	21°12	20°58	1°29	29°50	4°37	25°47	28°58	0° 9	9°44	13°38	S 17
S 18	1 45 2	24°22'41	26°40	26°51	24°44	21°47	21°10	1°32	29°51	4°40	25°46	28°52	0° 6	9°51	13°35	S 18
M19	1 48 58	25°22'10	11♊28	28°31	24°46	22°22	21°22	1°35	29°52	4°42	25°45	28°48	0° 3	9°58	13°32	M19
T 20	1 52 55	26°21'41	25°53	0♏10	24°51	22°56	21°34	1°38	29°52	4°44	25°44	28°D47	29♐59	10° 4	13°30	T 20
W21	1 56 51	27°21'14	9♋52	1°49	24°59	23°30	21°45	1°40	29°53	4°46	25°43	28°47	29°57	10°11	13°27	W21
T 22	2 0 48	28°20'50	23°26	3°27	25° 8	24° 5	21°57	1°43	29°54	4°48	25°42	28°R48	29°53	10°18	13°24	T 22
F 23	2 4 44	29°20'28	6♌36	5° 5	25°20	24°39	22° 9	1°45	29°55	4°51	25°41	28°48	29°50	10°24	13°22	F 23
S 24	2 8 41	0♏20'09	19°26	6°42	25°34	25°13	22°20	1°48	29°56	4°53	25°40	28°46	29°47	10°31	13°19	S 24
S 25	2 12 37	1°19'51	2♍ 0	8°18	25°50	25°47	22°32	1°50	29°56	4°55	25°39	28°42	29°44	10°38	13°17	S 25
M26	2 16 34	2°19'36	14°21	9°54	26° 8	26°21	22°43	1°52	29°57	4°57	25°38	28°35	29°41	10°44	13°14	M26
T 27	2 20 31	3°19'22	26°31	11°29	26°28	26°54	22°54	1°54	29°57	5° 0	25°37	28°26	29°38	10°51	13°11	T 27
W28	2 24 27	4°19'11	8♎34	13° 4	26°50	27°28	23° 6	1°56	29°58	5° 2	25°36	28°16	29°34	10°58	13° 9	W28
T 29	2 28 24	5°19'02	20°31	14°38	27°14	28° 1	23°17	1°58	29°58	5° 4	25°35	28° 5	29°31	11° 4	13° 6	T 29
F 30	2 32 20	6°18'55	2♏23	16°12	27°39	28°35	23°28	1°59	29°59	5° 6	25°34	27°55	29°28	11°11	13° 4	F 30
S 31	2 36 17	7♏18'50	14♏14	17♏45	28♍ 6	29♌ 8	23♍39	2♌ 1	29♋59	5♏ 9	25♉33	27♐46	29♐25	11♏18	13♈ 1	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	3s 1	9s 5	4s54	2n57	1n52	7s20	8s 3	18n23	1n10	5n46	0n59	20n 2	0s 0	20n45	0n31	11s16	1n41	4n57	14s41	23s25	23s25	18s 2	7n36	2n 6	
F 2	3 24	13 25	4 36	2 13	1 52	6 59	7 54	18 13	1 11	5 41	0 59	20 1	0 0	20 45	0 31	11 17	1 41	4 57	14 41	23 25	23 25	18 4	7 35	2 6	
S 3	3 47	17 11	4 6	1 29	1 50	6 38	7 46	18 4	1 12	5 36	0 59	20 0	0n 0	20 44	0 31	11 18	1 41	4 56	14 41	23 25	23 25	18 6	7 33	2 6	
S 4	4 11	20 15	3 25	0 44	1 48	6 17	7 36	17 54	1 13	5 31	0 59	19 59	0 0	20 44	0 31	11 18	1 41	4 56	14 41	23 25	23 25	18 8	7 32	2 6	
M 5	4 34	22 28	2 35	0s 2	1 45	5 56	7 26	17 45	1 13	5 27	0 59	19 59	0 0	20 44	0 31	11 19	1 41	4 56	14 41	23 25	23 25	18 9	7 31	2 6	
T 6	4 57	23 42	1 39	0 48	1 42	5 35	7 15	17 35	1 14	5 22	0 59	19 58	0 0	20 43	0 31	11 20	1 41	4 55	14 42	23 25	23 25	18 11	7 30	2 6	
W 7	5 20	23 51	0 37	1 33	1 38	5 14	7 4	17 25	1 15	5 17	0 59	19 57	0 0	20 43	0 31	11 20	1 41	4 55	14 42	23 25	23 25	18 13	7 29	2 6	
T 8	5 43	22 53	0n27	2 19	1 34	4 54	6 52	17 15	1 16	5 12	0 59	19 56	0 1	20 43	0 31	11 21	1 41	4 55	14 42	23 25	23 25	18 14	7 28	2 6	
F 9	6 5	20 47	1 32	3 5	1 30	4 35	6 40	17 5	1 17	5 7	1 0	19 56	0 1	20 43	0 31	11 22	1 41	4 54	14 42	23 25	23 25	18 16	7 27	2 6	
S 10	6 28	17 36	2 34	3 51	1 25	4 16	6 27	16 55	1 17	5 3	1 0	19 55	0 1	20 42	0 31	11 23	1 41	4 54	14 42	23 25	23 25	18 18	7 26	2 5	
S 11	6 51	13 26	3 29	4 37	1 20	3 57	6 14	16 45	1 18	4 58	1 0	19 54	0 1	20 42	0 31	11 23	1 41	4 54	14 42	23 25	23 25	18 19	7 24	2 5	
M12	7 13	8 28	4 15	5 22	1 14	3 40	6 1	16 35	1 19	4 53	1 0	19 53	0 1	20 42	0 31	11 24	1 41	4 53	14 43	23 25	23 25	18 21	7 23	2 5	
T 13	7 36	2 53	4 47	6 7	1 9	3 23	5 48	16 25	1 20	4 49	1 0	19 53	0 1	20 42	0 31	11 25	1 41	4 53	14 43	23 25	23 25	18 23	7 22	2 5	
W14	7 58	3n 2	5 2	6 52	1 3	3 7	5 35	16 15	1 21	4 44	1 0	19 52	0 1	20 41	0 31	11 26	1 41	4 53	14 43	23 25	23 25	18 24	7 21	2 5	
T 15	8 21	8 54	4 56	7 36	0 57	2 52	5 21	16 5	1 21	4 39	1 0	19 52	0 1	20 41	0 31	11 26	1 41	4 52	14 43	23 25	23 25	18 26	7 20	2 5	
F 16	8 43	14 19	4 30	8 19	0 51	2 38	5 8	15 54	1 22	4 35	1 0	19 51	0 1	20 41	0 31	11 27	1 41	4 52	14 43	23 25	23 25	18 27	7 19	2 5	
S 17	9 5	18 50	3 44	9 3	0 44	2 24	4 54	15 44	1 23	4 30	1 1	19 50	0 1	20 41	0 31	11 28	1 41	4 52	14 43	23 25	23 25	18 29	7 18	2 5	
S 18	9 27	22 2	2 42	9 45	0 38	2 12	4 41	15 34	1 24	4 26	1 1	19 50	0 2	20 41	0 31	11 29	1 41	4 51	14 43	23 25	23 25	18 31	7 16	2 5	
M19	9 48	23 39	1 31	10 27	0 31	2 1	4 27	15 23	1 25	4 21	1 1	19 49	0 2	20 40	0 31	11 29	1 41	4 51	14 44	23 25	23 25	18 32	7 15	2 5	
T 20	10 10	23 37	0 15	11 8	0 25	1 50	4 14	15 13	1 26	4 17	1 1	19 49	0 2	20 40	0 31	11 30	1 41	4 51	14 44	23 25	23 25	18 34	7 14	2 5	
W21	10 31	22 5	0s59	11 49	0 18	1 41	4 0	15 2	1 26	4 12	1 1	19 48	0 2	20 40	0 31	11 31	1 41	4 50	14 44	23 25	23 25	18 35	7 13	2 4	
T 22	10 53	19 18	2 8	12 29	0 11	1 33	3 47	14 51	1 27	4 8	1 1	19 48	0 2	20 40	0 31	11 32	1 41	4 50	14 44	23 25	23 25	18 37	7 12	2 4	
F 23	11 14	15 35	3 8	13 8	0 4	1 26	3 34	14 41	1 28	4 3	1 1	19 47	0 2	20 40	0 31	11 32	1 41	4 50	14 44	23 25	23 25	18 39	7 11	2 4	
S 24	11 35	11 14	3 57	13 47	0s 2	1 19	3 21	14 30	1 29	3 59	1 1	19 47	0 2	20 40	0 31	11 33	1 41	4 49	14 44	23 25	23 25	18 40	7 10	2 4	
S 25	11 56	6 30	4 33	14 25	0 9	1 14	3 9	14 20	1 30	3 54	1 2	19 46	0 2	20 40	0 31	11 34	1 41	4 49	14 44	23 25	23 25	18 42	7 9	2 4	
M26	12 16	1 36	4 56	15 2	0 16	1 10	2 56	14 9	1 31	3 50	1 2	19 46	0 2	20 40	0 31	11 35	1 41	4 49	14 44	23 25	23 25	18 43	7 7	2 4	
T 27	12 37	3s17	5 5	15 38	0 23	1 6	2 44	13 58	1 31	3 46	1 2	19 46	0 2	20 39	0 31	11 35	1 41	4 48	14 44	23 25	23 25	18 45	7 6	2 4	
W28	12 57	7 59	5 0	16 13	0 30	1 4	2 32	13 47	1 32	3 41	1 2	19 45	0 3	20 39	0 31	11 36	1 41	4 48	14 45	23 25	23 25	18 47	7 5	2 4	
T 29	13 17	12 22	4 42	16 48	0 36	1 3	2 20	13 37	1 33	3 37	1 2	19 45	0 3	20 39	0 31	11 37	1 41	4 48	14 45	23 25	23 25	18 48	7 4	2 4	
F 30	13 37	16 15	4 12	17 22	0 43	1 2	2 8	13 26	1 34	3 33	1 2	19 45	0 3	20 39	0 32	11 38	1 41	4 47	14 45	23 24	23 25	18 50	7 3	2 3	
S 31	13s57	19s28	3s32	17s54	0s50	1s 2	1s57	13n15	1n35	3n29	1n 2	19n45	0n 3	20n39	0n32	11s38	1n41	4n47	14s45	23s24	23s25	18s51	7n 2	2n 3	

Julian Day Number = 2496377.5, Delta T = 104.79 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°27'19, Lahiri = 25°34'20

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ASTRODIENST EPHEMERIS for the year 2122
geocentric

NOVEMBER 2122 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 13	8♏18'47	26♏ 3	19♏18	28♍35	29♌41	23♍50	2♌ 3	29♋59	5♏11	25°R32	27°R39	29♐22	11♏25	12°R59	S 1
M 2	2 44 10	9°18'46	7♐53	20°50	29° 6	0♍14	24° 1	2° 4	29°59	5°13	25♉31	27♐34	29°18	11°31	12♈57	M 2
T 3	2 48 6	10°18'47	19°46	22°22	29°38	0°47	24°12	2° 5	29°59	5°15	25°30	27°32	29°15	11°38	12°54	T 3
W 4	2 52 3	11°18'49	1♑46	23°53	0♎11	1°20	24°22	2° 6	29°59	5°18	25°29	27°D32	29°12	11°45	12°52	W 4
T 5	2 55 59	12°18'53	13°57	25°24	0°46	1°52	24°33	2° 7	29°R59	5°20	25°28	27°33	29° 9	11°51	12°50	T 5
F 6	2 59 56	13°18'59	26°21	26°54	1°22	2°25	24°44	2° 8	29°59	5°22	25°26	27°35	29° 6	11°58	12°47	F 6
S 7	3 3 53	14°19'06	9♒ 5	28°24	1°59	2°57	24°54	2° 9	29°59	5°24	25°25	27°R36	29° 3	12° 5	12°45	S 7
S 8	3 7 49	15°19'14	22°12	29°54	2°38	3°29	25° 5	2°10	29°59	5°26	25°24	27°35	28°59	12°11	12°43	S 8
M 9	3 11 46	16°19'25	5♓45	1♐23	3°18	4° 1	25°15	2°10	29°59	5°29	25°23	27°34	28°56	12°18	12°41	M 9
T 10	3 15 42	17°19'36	19°47	2°51	3°59	4°33	25°25	2°11	29°59	5°31	25°22	27°30	28°53	12°25	12°38	T 10
W11	3 19 39	18°19'49	4♈16	4°19	4°41	5° 5	25°35	2°11	29°59	5°33	25°21	27°25	28°50	12°31	12°36	W11
T 12	3 23 35	19°20'04	19°10	5°47	5°25	5°37	25°45	2°11	29°59	5°35	25°20	27°19	28°47	12°38	12°34	T 12
F 13	3 27 32	20°20'20	4♉20	7°13	6° 9	6° 8	25°55	2°12	29°58	5°37	25°19	27°14	28°44	12°45	12°32	F 13
S 14	3 31 28	21°20'38	19°38	8°40	6°55	6°40	26° 5	2°R12	29°58	5°40	25°18	27° 9	28°40	12°51	12°30	S 14
S 15	3 35 25	22°20'57	4♊51	10° 6	7°41	7°11	26°15	2°11	29°57	5°42	25°16	27° 6	28°37	12°58	12°28	S 15
M16	3 39 22	23°21'19	19°51	11°31	8°28	7°42	26°24	2°11	29°57	5°44	25°15	27°D 4	28°34	13° 5	12°26	M16
T 17	3 43 18	24°21'42	4♋30	12°55	9°17	8°13	26°34	2°11	29°56	5°46	25°14	27° 4	28°31	13°12	12°24	T 17
W18	3 47 15	25°22'07	18°42	14°18	10° 6	8°44	26°43	2°11	29°56	5°48	25°13	27° 5	28°28	13°18	12°23	W18
T 19	3 51 11	26°22'33	2♌27	15°41	10°56	9°14	26°53	2°10	29°55	5°50	25°12	27° 7	28°24	13°25	12°21	T 19
F 20	3 55 8	27°23'02	15°45	17° 3	11°47	9°45	27° 2	2° 9	29°54	5°53	25°11	27° 8	28°21	13°32	12°19	F 20
S 21	3 59 4	28°23'32	28°38	18°23	12°38	10°15	27°11	2° 9	29°53	5°55	25°10	27°R 9	28°18	13°38	12°17	S 21
S 22	4 3 1	29°24'05	11♍12	19°42	13°31	10°45	27°20	2° 8	29°53	5°57	25° 9	27° 8	28°15	13°45	12°16	S 22
M23	4 6 58	0♐24'38	23°29	21° 0	14°24	11°15	27°29	2° 7	29°52	5°59	25° 8	27° 6	28°12	13°52	12°14	M23
T 24	4 10 54	1°25'14	5♎34	22°17	15°17	11°45	27°37	2° 6	29°51	6° 1	25° 6	27° 3	28° 9	13°58	12°12	T 24
W25	4 14 51	2°25'51	17°30	23°31	16°12	12°14	27°46	2° 4	29°50	6° 3	25° 5	26°59	28° 5	14° 5	12°11	W25
T 26	4 18 47	3°26'30	29°22	24°44	17° 7	12°43	27°55	2° 3	29°49	6° 5	25° 4	26°55	28° 2	14°12	12° 9	T 26
F 27	4 22 44	4°27'11	11♏12	25°54	18° 3	13°13	28° 3	2° 2	29°47	6° 7	25° 3	26°50	27°59	14°18	12° 8	F 27
S 28	4 26 40	5°27'53	23° 2	27° 1	18°59	13°42	28°11	2° 0	29°46	6° 9	25° 2	26°47	27°56	14°25	12° 7	S 28
S 29	4 30 37	6°28'37	4♐54	28° 5	19°56	14°10	28°19	1°59	29°45	6°11	25° 1	26°44	27°53	14°32	12° 5	S 29
M30	4 34 33	7♐29'21	16♐50	29♐ 6	20♎53	14♍39	28♍27	1♌57	29♋44	6♏13	25♉ 0	26♐43	27♐50	14♏38	12♈ 4	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s16	21s52	2s41	18s26	0s56	1s 4	1s46	13n 4	1n36	3n24	1n 3	19n44	0n 3	20n39	0n32	11s39	1n41	4n47	14s45	23s24	23s25	18s53	7n 1	2n 3
M 2	14 35	23 19	1 44	18 57	1 2	1 6	1 35	12 53	1 37	3 20	1 3	19 44	0 3	20 39	0 32	11 40	1 41	4 47	14 45	23 24	23 25	18 54	7 0	2 3
T 3	14 54	23 44	0 42	19 27	1 9	1 9	1 24	12 42	1 38	3 16	1 3	19 44	0 3	20 39	0 32	11 40	1 41	4 46	14 45	23 24	23 25	18 56	6 59	2 3
W 4	15 13	23 2	0n23	19 56	1 15	1 12	1 14	12 32	1 38	3 12	1 3	19 44	0 3	20 39	0 32	11 41	1 41	4 46	14 45	23 24	23 25	18 57	6 58	2 3
T 5	15 31	21 14	1 28	20 25	1 21	1 17	1 4	12 21	1 39	3 8	1 3	19 44	0 3	20 39	0 32	11 42	1 41	4 46	14 45	23 24	23 25	18 59	6 57	2 3
F 6	15 50	18 25	2 30	20 52	1 27	1 22	0 54	12 10	1 40	3 4	1 3	19 44	0 3	20 39	0 32	11 43	1 41	4 45	14 45	23 24	23 25	19 0	6 56	2 3
S 7	16 7	14 39	3 26	21 18	1 33	1 28	0 44	11 59	1 41	3 0	1 4	19 44	0 4	20 39	0 32	11 43	1 41	4 45	14 45	23 24	23 25	19 2	6 55	2 2
S 8	16 25	10 6	4 14	21 43	1 38	1 35	0 35	11 48	1 42	2 56	1 4	19 43	0 4	20 39	0 32	11 44	1 41	4 45	14 45	23 24	23 25	19 3	6 54	2 2
M 9	16 43	4 55	4 49	22 7	1 44	1 42	0 26	11 38	1 43	2 52	1 4	19 43	0 4	20 39	0 32	11 45	1 41	4 45	14 45	23 24	23 25	19 5	6 53	2 2
T 10	17 0	0n41	5 8	22 30	1 49	1 50	0 17	11 27	1 44	2 48	1 4	19 43	0 4	20 40	0 32	11 46	1 41	4 44	14 45	23 24	23 25	19 6	6 52	2 2
W11	17 16	6 25	5 8	22 52	1 54	1 59	0 8	11 16	1 45	2 44	1 4	19 43	0 4	20 40	0 32	11 46	1 41	4 44	14 45	23 24	23 25	19 8	6 51	2 2
T 12	17 33	11 57	4 49	23 12	1 59	2 9	0n 0	11 5	1 46	2 40	1 4	19 43	0 4	20 40	0 32	11 47	1 41	4 44	14 45	23 24	23 25	19 9	6 50	2 2
F 13	17 49	16 51	4 8	23 32	2 3	2 19	0 9	10 54	1 47	2 37	1 5	19 44	0 4	20 40	0 32	11 48	1 41	4 44	14 45	23 24	23 25	19 11	6 49	2 2
S 14	18 5	20 41	3 10	23 50	2 8	2 29	0 17	10 44	1 48	2 33	1 5	19 44	0 4	20 40	0 32	11 48	1 41	4 43	14 45	23 24	23 25	19 12	6 48	2 1
S 15	18 21	23 2	1 58	24 7	2 12	2 40	0 24	10 33	1 49	2 29	1 5	19 44	0 4	20 40	0 32	11 49	1 41	4 43	14 45	23 23	23 25	19 14	6 47	2 1
M16	18 36	23 41	0 39	24 23	2 16	2 52	0 32	10 22	1 49	2 26	1 5	19 44	0 5	20 40	0 32	11 50	1 41	4 43	14 45	23 23	23 25	19 15	6 46	2 1
T 17	18 51	22 40	0s41	24 38	2 19	3 5	0 39	10 11	1 50	2 22	1 5	19 44	0 5	20 40	0 32	11 50	1 41	4 43	14 45	23 23	23 25	19 17	6 45	2 1
W18	19 6	20 12	1 56	24 51	2 22	3 17	0 46	10 1	1 51	2 18	1 6	19 44	0 5	20 41	0 32	11 51	1 41	4 42	14 45	23 23	23 25	19 18	6 45	2 1
T 19	19 20	16 39	3 2	25 3	2 25	3 31	0 53	9 50	1 52	2 15	1 6	19 45	0 5	20 41	0 32	11 52	1 41	4 42	14 45	23 23	23 25	19 20	6 44	2 1
F 20	19 34	12 21	3 56	25 14	2 27	3 44	1 0	9 40	1 53	2 11	1 6	19 45	0 5	20 41	0 32	11 53	1 41	4 42	14 45	23 24	23 25	19 21	6 43	2 1
S 21	19 47	7 37	4 36	25 24	2 29	3 59	1 6	9 29	1 54	2 8	1 6	19 45	0 5	20 41	0 32	11 53	1 41	4 42	14 45	23 24	23 25	19 22	6 42	2 0
S 22	20 1	2 42	5 2	25 32	2 31	4 13	1 12	9 19	1 55	2 5	1 6	19 45	0 5	20 41	0 32	11 54	1 41	4 42	14 45	23 24	23 25	19 24	6 41	2 0
M23	20 13	2s12	5 13	25 38	2 32	4 28	1 18	9 8	1 56	2 1	1 7	19 46	0 5	20 42	0 32	11 55	1 42	4 41	14 45	23 23	23 25	19 25	6 40	2 0
T 24	20 26	6 57	5 10	25 44	2 32	4 44	1 24	8 58	1 57	1 58	1 7	19 46	0 5	20 42	0 32	11 55	1 42	4 41	14 45	23 23	23 25	19 27	6 40	2 0
W25	20 38	11 24	4 54	25 48	2 32	5 0	1 29	8 47	1 58	1 55	1 7	19 46	0 6	20 42	0 32	11 56	1 42	4 41	14 45	23 23	23 25	19 28	6 39	2 0
T 26	20 50	15 22	4 25	25 50	2 31	5 16	1 34	8 37	1 59	1 52	1 7	19 47	0 6	20 42	0 32	11 56	1 42	4 41	14 45	23 23	23 25	19 30	6 38	2 0
F 27	21 1	18 45	3 45	25 51	2 30	5 32	1 40	8 27	2 0	1 48	1 7	19 47	0 6	20 43	0 33	11 57	1 42	4 41	14 45	23 23	23 24	19 31	6 37	1 59
S 28	21 12	21 21	2 55	25 51	2 28	5 49	1 44	8 17	2 1	1 45	1 8	19 48	0 6	20 43	0 33	11 58	1 42	4 41	14 45	23 23	23 24	19 32	6 37	1 59
S 29	21 23	23 2	1 58	25 49	2 25	6 6	1 49	8 6	2 2	1 42	1 8	19 48	0 6	20 43	0 33	11 58	1 42	4 40	14 45	23 23	23 24	19 34	6 36	1 59
M30	21s33	23s40	0s54	25s46	2s21	6s23	1n54	7n56	2n 3	1n39	1n 8	19n49	0n 6	20n43	0n33	11s59	1n42	4n40	14s44	23s23	23s24	19s35	6n35	1n59

Julian Day Number = 2496408.5, Delta T = 104.84 sec
Ecliptic obliquity = 23°25'24, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°27'24, Lahiri = 25°34'24

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ASTRODIENST EPHEMERIS for the year 2122
geocentric

DECEMBER 2122 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 30	8♐30'08	28♐53	0♑ 3	21♎51	15♍ 7	28♍35	1°R55	29°R43	6♏15	24°R59	26°D43	27♐46	14♏45	12°R 3	T 1
W 2	4 42 27	9°30'55	11♑ 3	0°56	22°50	15°35	28°43	1♌53	29♋41	6°17	24♉58	26♐43	27°43	14°52	12♈ 1	W 2
T 3	4 46 23	10°31'43	23°24	1°43	23°49	16° 3	28°51	1°51	29°40	6°19	24°56	26°44	27°40	14°58	12° 0	T 3
F 4	4 50 20	11°32'33	5♒57	2°24	24°48	16°31	28°58	1°49	29°38	6°21	24°55	26°46	27°37	15° 5	11°59	F 4
S 5	4 54 16	12°33'23	18°46	2°59	25°48	16°59	29° 6	1°46	29°37	6°23	24°54	26°47	27°34	15°12	11°58	S 5
S 6	4 58 13	13°34'14	1♓53	3°27	26°48	17°26	29°13	1°44	29°35	6°25	24°53	26°48	27°30	15°19	11°57	S 6
M 7	5 2 9	14°35'06	15°21	3°46	27°49	17°53	29°20	1°42	29°34	6°27	24°52	26°R48	27°27	15°25	11°56	M 7
T 8	5 6 6	15°35'58	29°11	3°56	28°50	18°20	29°27	1°39	29°32	6°28	24°51	26°48	27°24	15°32	11°55	T 8
W 9	5 10 2	16°36'52	13♈23	3°R56	29°52	18°46	29°34	1°36	29°30	6°30	24°50	26°47	27°21	15°39	11°55	W 9
T 10	5 13 59	17°37'46	27°56	3°46	0♏54	19°13	29°40	1°34	29°29	6°32	24°49	26°46	27°18	15°45	11°54	T 10
F 11	5 17 56	18°38'41	12♉46	3°25	1°56	19°39	29°47	1°31	29°27	6°34	24°48	26°45	27°15	15°52	11°53	F 11
S 12	5 21 52	19°39'37	27°45	2°52	2°59	20° 5	29°53	1°28	29°25	6°36	24°47	26°44	27°11	15°59	11°52	S 12
S 13	5 25 49	20°40'33	12♊47	2° 8	4° 2	20°30	29°59	1°25	29°23	6°37	24°46	26°44	27° 8	16° 5	11°52	S 13
M14	5 29 45	21°41'31	27°42	1°13	5° 6	20°56	0♎ 5	1°22	29°21	6°39	24°45	26°D44	27° 5	16°12	11°51	M14
T 15	5 33 42	22°42'29	12♋21	0° 8	6° 9	21°21	0°11	1°18	29°20	6°41	24°44	26°44	27° 2	16°19	11°51	T 15
W16	5 37 38	23°43'28	26°40	28♐55	7°13	21°45	0°17	1°15	29°18	6°42	24°43	26°44	26°59	16°25	11°50	W16
T 17	5 41 35	24°44'28	10♌34	27°36	8°18	22°10	0°23	1°12	29°16	6°44	24°42	26°44	26°56	16°32	11°50	T 17
F 18	5 45 31	25°45'29	24° 1	26°14	9°23	22°34	0°28	1° 8	29°14	6°46	24°41	26°44	26°52	16°39	11°50	F 18
S 19	5 49 28	26°46'31	7♍ 3	24°51	10°28	22°58	0°33	1° 5	29°12	6°47	24°40	26°R45	26°49	16°45	11°49	S 19
S 20	5 53 25	27°47'34	19°42	23°30	11°33	23°22	0°38	1° 1	29° 9	6°49	24°39	26°44	26°46	16°52	11°49	S 20
M21	5 57 21	28°48'37	2♎ 1	22°14	12°39	23°45	0°43	0°57	29° 7	6°50	24°38	26°D44	26°43	16°59	11°49	M21
T 22	6 1 18	29°49'42	14° 7	21° 5	13°44	24° 8	0°48	0°54	29° 5	6°52	24°38	26°45	26°40	17° 5	11°49	T 22
W23	6 5 14	0♑50'47	26° 2	20° 5	14°51	24°31	0°53	0°50	29° 3	6°54	24°37	26°45	26°36	17°12	11°49	W23
T 24	6 9 11	1°51'54	7♏52	19°14	15°57	24°53	0°57	0°46	29° 1	6°55	24°36	26°45	26°33	17°19	11°D49	T 24
F 25	6 13 7	2°53'01	19°41	18°34	17° 4	25°15	1° 1	0°42	28°59	6°56	24°35	26°46	26°30	17°25	11°49	F 25
S 26	6 17 4	3°54'08	1♐32	18° 5	18°10	25°37	1° 6	0°38	28°56	6°58	24°34	26°47	26°27	17°32	11°49	S 26
S 27	6 21 0	4°55'16	13°29	17°47	19°18	25°58	1° 9	0°33	28°54	6°59	24°33	26°47	26°24	17°39	11°49	S 27
M28	6 24 57	5°56'25	25°34	17°D39	20°25	26°19	1°13	0°29	28°52	7° 1	24°32	26°R48	26°21	17°45	11°49	M28
T 29	6 28 54	6°57'34	7♑49	17°41	21°32	26°40	1°17	0°25	28°49	7° 2	24°32	26°47	26°17	17°52	11°50	T 29
W30	6 32 50	7°58'44	20°16	17°52	22°40	27° 0	1°20	0°21	28°47	7° 3	24°31	26°47	26°14	17°59	11°50	W30
T 31	6 36 47	8♑59'53	2♒55	18♐11	23♏48	27♍20	1♎23	0♌16	28♋45	7♏ 5	24♉30	26♐45	26♐11	18♏ 5	11♈50	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s42	23s13	0n12	25s42	2s17	6s41	1n58	7n46	2n 4	1n36	1n 8	19n49	0n 6	20n44	0n33	12s 0	1n42	4n40	14s44	23s23	23s24	19s37	6n35	1n59
W 2	21 52	21 40	1 19	25 36	2 11	6 59	2 2	7 36	2 6	1 33	1 9	19 50	0 6	20 44	0 33	12 0	1 42	4 40	14 44	23 23	23 24	19 38	6 34	1 59
T 3	22 1	19 3	2 22	25 29	2 4	7 17	2 6	7 26	2 7	1 31	1 9	19 50	0 6	20 44	0 33	12 1	1 42	4 40	14 44	23 23	23 24	19 39	6 34	1 58
F 4	22 9	15 32	3 21	25 21	1 57	7 35	2 10	7 17	2 8	1 28	1 9	19 51	0 7	20 45	0 33	12 1	1 42	4 40	14 44	23 23	23 24	19 41	6 33	1 58
S 5	22 17	11 13	4 10	25 11	1 48	7 54	2 13	7 7	2 9	1 25	1 9	19 52	0 7	20 45	0 33	12 2	1 42	4 40	14 44	23 23	23 24	19 42	6 32	1 58
S 6	22 25	6 19	4 48	25 0	1 37	8 12	2 16	6 57	2 10	1 23	1 9	19 52	0 7	20 45	0 33	12 3	1 42	4 39	14 44	23 23	23 24	19 43	6 32	1 58
M 7	22 32	0 59	5 11	24 48	1 26	8 31	2 20	6 48	2 11	1 20	1 10	19 53	0 7	20 46	0 33	12 3	1 42	4 39	14 44	23 23	23 24	19 45	6 31	1 58
T 8	22 39	4n31	5 17	24 35	1 13	8 50	2 23	6 38	2 12	1 17	1 10	19 54	0 7	20 46	0 33	12 4	1 42	4 39	14 44	23 23	23 24	19 46	6 31	1 58
W 9	22 45	9 57	5 4	24 20	0 58	9 9	2 25	6 29	2 13	1 15	1 10	19 54	0 7	20 47	0 33	12 4	1 42	4 39	14 43	23 23	23 24	19 47	6 30	1 57
T 10	22 51	14 57	4 32	24 5	0 43	9 28	2 28	6 20	2 14	1 12	1 10	19 55	0 7	20 47	0 33	12 5	1 42	4 39	14 43	23 23	23 24	19 49	6 30	1 57
F 11	22 56	19 10	3 41	23 48	0 26	9 47	2 31	6 10	2 15	1 10	1 11	19 56	0 7	20 47	0 33	12 5	1 42	4 39	14 43	23 23	23 24	19 50	6 29	1 57
S 12	23 1	22 9	2 34	23 31	0 7	10 6	2 33	6 1	2 16	1 8	1 11	19 56	0 7	20 48	0 33	12 6	1 42	4 39	14 43	23 23	23 24	19 51	6 29	1 57
S 13	23 6	23 35	1 17	23 13	0n12	10 25	2 35	5 52	2 18	1 6	1 11	19 57	0 8	20 48	0 33	12 6	1 42	4 39	14 43	23 23	23 24	19 53	6 29	1 57
M14	23 10	23 19	0s 5	22 53	0 32	10 45	2 37	5 43	2 19	1 3	1 11	19 58	0 8	20 49	0 33	12 7	1 42	4 39	14 43	23 23	23 23	19 54	6 28	1 57
T 15	23 13	21 25	1 26	22 34	0 52	11 4	2 39	5 34	2 20	1 1	1 12	19 59	0 8	20 49	0 33	12 8	1 42	4 39	14 42	23 23	23 23	19 55	6 28	1 56
W16	23 16	18 12	2 39	22 13	1 12	11 23	2 40	5 26	2 21	0 59	1 12	20 0	0 8	20 49	0 33	12 8	1 42	4 39	14 42	23 23	23 23	19 57	6 28	1 56
T 17	23 19	14 2	3 40	21 53	1 31	11 43	2 42	5 17	2 22	0 57	1 12	20 1	0 8	20 50	0 33	12 9	1 42	4 39	14 42	23 23	23 23	19 58	6 27	1 56
F 18	23 21	9 18	4 28	21 33	1 50	12 2	2 43	5 9	2 23	0 55	1 12	20 1	0 8	20 50	0 33	12 9	1 42	4 39	14 42	23 23	23 23	19 59	6 27	1 56
S 19	23 23	4 17	4 59	21 13	2 6	12 21	2 44	5 0	2 25	0 53	1 13	20 2	0 8	20 51	0 33	12 10	1 42	4 39	14 42	23 23	23 23	20 1	6 27	1 56
S 20	23 24	0s46	5 15	20 55	2 21	12 40	2 45	4 52	2 26	0 52	1 13	20 3	0 8	20 51	0 33	12 10	1 42	4 39	14 42	23 23	23 23	20 2	6 26	1 56
M21	23 25	5 39	5 16	20 38	2 34	12 59	2 46	4 44	2 27	0 50	1 13	20 4	0 8	20 52	0 33	12 10	1 43	4 39	14 41	23 23	23 23	20 3	6 26	1 55
T 22	23 25	10 13	5 3	20 24	2 44	13 18	2 47	4 36	2 28	0 48	1 13	20 5	0 9	20 52	0 33	12 11	1 43	4 39	14 41	23 23	23 23	20 4	6 26	1 55
W23	23 25	14 21	4 37	20 12	2 52	13 37	2 47	4 28	2 30	0 47	1 14	20 6	0 9	20 53	0 33	12 11	1 43	4 39	14 41	23 23	23 23	20 6	6 26	1 55
T 24	23 25	17 54	4 0	20 3	2 57	13 55	2 48	4 20	2 31	0 45	1 14	20 7	0 9	20 53	0 33	12 12	1 43	4 39	14 41	23 23	23 23	20 7	6 26	1 55
F 25	23 23	20 43	3 12	19 56	3 0	14 14	2 48	4 13	2 32	0 44	1 14	20 8	0 9	20 54	0 33	12 12	1 43	4 39	14 40	23 23	23 23	20 8	6 26	1 55
S 26	23 22	22 40	2 16	19 53	3 1	14 32	2 48	4 5	2 33	0 42	1 14	20 9	0 9	20 54	0 33	12 13	1 43	4 39	14 40	23 23	23 23	20 9	6 25	1 54
S 27	23 20	23 37	1 13	19 52	3 1	14 50	2 48	3 58	2 35	0 41	1 15	20 10	0 9	20 55	0 33	12 13	1 43	4 39	14 40	23 23	23 22	20 11	6 25	1 54
M28	23 17	23 28	0 7	19 53	2 59	15 8	2 48	3 51	2 36	0 40	1 15	20 11	0 9	20 55	0 33	12 13	1 43	4 39	14 40	23 23	23 22	20 12	6 25	1 54
T 29	23 14	22 11	1n 1	19 57	2 55	15 26	2 48	3 44	2 37	0 39	1 15	20 12	0 9	20 56	0 33	12 14	1 43	4 39	14 40	23 23	23 22	20 13	6 25	1 54
W30	23 11	19 49	2 7	20 3	2 50	15 43	2 48	3 37	2 38	0 37	1 16	20 13	0 10	20 56	0 33	12 14	1 43	4 39	14 39	23 23	23 22	20 14	6 25	1 54
T 31	23s 7	16s27	3n 7	20s10	2n45	16s 1	2n47	3n30	2n40	0n36	1n16	20n14	0n10	20n57	0n33	12s15	1n43	4n39	14s39	23s23	23s22	20s16	6n25	1n54

Julian Day Number = 2496438.5, Delta T = 104.88 sec
Ecliptic obliquity = 23°25'23, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°27'28, Lahiri = 25°34'28

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ASTRODIENST EPHEMERIS for the year 2123
geocentric

JANUARY 2123 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 40 43	10♑ 1'03	15♒47	18♐37	24♏56	27♍39	1♎26	0°R12	28°R42	7♏ 6	24°R29	26°R43	26♐ 8	18♏12	11♈51	F 1
S 2	6 44 40	11° 2'12	28°53	19°11	26° 4	27°59	1°29	0♌ 7	28♋40	7° 7	24♉29	26♐41	26° 5	18°19	11°51	S 2
S 3	6 48 36	12° 3'22	12♓13	19°50	27°13	28°17	1°32	0° 3	28°37	7° 8	24°28	26°39	26° 2	18°25	11°52	S 3
M 4	6 52 33	13° 4'31	25°46	20°35	28°21	28°35	1°34	29♋58	28°35	7° 9	24°27	26°38	25°58	18°32	11°52	M 4
T 5	6 56 29	14° 5'40	9♈34	21°25	29°30	28°53	1°37	29°54	28°32	7°11	24°26	26°D37	25°55	18°39	11°53	T 5
W 6	7 0 26	15° 6'49	23°35	22°18	0♐39	29°11	1°39	29°49	28°30	7°12	24°26	26°37	25°52	18°46	11°54	W 6
T 7	7 4 23	16° 7'58	7♉49	23°16	1°48	29°28	1°41	29°44	28°27	7°13	24°25	26°38	25°49	18°52	11°55	T 7
F 8	7 8 19	17° 9'06	22°13	24°17	2°57	29°44	1°43	29°39	28°25	7°14	24°25	26°40	25°46	18°59	11°55	F 8
S 9	7 12 16	18°10'14	6♊45	25°21	4° 6	0♎ 0	1°44	29°35	28°22	7°15	24°24	26°41	25°42	19° 6	11°56	S 9
S 10	7 16 12	19°11'22	21°20	26°28	5°16	0°16	1°45	29°30	28°20	7°16	24°23	26°R42	25°39	19°12	11°57	S 10
M11	7 20 9	20°12'29	5♋53	27°37	6°25	0°31	1°47	29°25	28°17	7°17	24°23	26°42	25°36	19°19	11°58	M11
T 12	7 24 5	21°13'37	20°17	28°49	7°35	0°46	1°48	29°20	28°14	7°18	24°22	26°40	25°33	19°26	11°59	T 12
W13	7 28 2	22°14'43	4♌27	0♑ 2	8°45	1° 0	1°48	29°15	28°12	7°19	24°22	26°37	25°30	19°32	12° 0	W13
T 14	7 31 59	23°15'50	18°18	1°17	9°55	1°13	1°49	29°10	28° 9	7°19	24°21	26°34	25°27	19°39	12° 2	T 14
F 15	7 35 55	24°16'56	1♍47	2°34	11° 5	1°27	1°49	29° 6	28° 7	7°20	24°21	26°29	25°23	19°46	12° 3	F 15
S 16	7 39 52	25°18'03	14°52	3°52	12°16	1°39	1°50	29° 1	28° 4	7°21	24°20	26°25	25°20	19°52	12° 4	S 16
S 17	7 43 48	26°19'09	27°36	5°11	13°26	1°51	1°R50	28°56	28° 1	7°22	24°20	26°21	25°17	19°59	12° 5	S 17
M18	7 47 45	27°20'14	10♎ 0	6°32	14°36	2° 3	1°50	28°51	27°59	7°23	24°19	26°18	25°14	20° 6	12° 7	M18
T 19	7 51 41	28°21'20	22° 8	7°53	15°47	2°14	1°49	28°46	27°56	7°23	24°19	26°16	25°11	20°12	12° 8	T 19
W20	7 55 38	29°22'25	4♏ 4	9°16	16°58	2°24	1°49	28°41	27°54	7°24	24°18	26°D16	25° 8	20°19	12°10	W20
T 21	7 59 34	0♒23'31	15°54	10°40	18° 9	2°34	1°48	28°36	27°51	7°25	24°18	26°17	25° 4	20°26	12°11	T 21
F 22	8 3 31	1°24'36	27°43	12° 4	19°20	2°43	1°47	28°31	27°48	7°25	24°18	26°19	25° 1	20°32	12°13	F 22
S 23	8 7 28	2°25'40	9♐36	13°30	20°31	2°52	1°46	28°26	27°46	7°26	24°17	26°21	24°58	20°39	12°14	S 23
S 24	8 11 24	3°26'45	21°37	14°56	21°42	3° 0	1°45	28°21	27°43	7°26	24°17	26°R22	24°55	20°46	12°16	S 24
M25	8 15 21	4°27'48	3♑49	16°23	22°53	3° 7	1°43	28°16	27°41	7°27	24°17	26°22	24°52	20°52	12°18	M25
T 26	8 19 17	5°28'51	16°17	17°51	24° 4	3°14	1°41	28°11	27°38	7°27	24°16	26°20	24°48	20°59	12°20	T 26
W27	8 23 14	6°29'54	29° 1	19°20	25°16	3°20	1°40	28° 7	27°35	7°28	24°16	26°16	24°45	21° 6	12°21	W27
T 28	8 27 10	7°30'56	12♒ 2	20°49	26°27	3°25	1°37	28° 2	27°33	7°28	24°16	26°10	24°42	21°12	12°23	T 28
F 29	8 31 7	8°31'57	25°19	22°19	27°38	3°30	1°35	27°57	27°30	7°28	24°16	26° 3	24°39	21°19	12°25	F 29
S 30	8 35 3	9°32'56	8♓50	23°49	28°50	3°34	1°33	27°52	27°28	7°29	24°16	25°55	24°36	21°26	12°27	S 30
S 31	8 39 0	10♒33'55	22♓34	25♑21	0♑ 2	3♎37	1♎30	27♋47	27♋25	7♏29	24♉15	25♐47	24♐33	21♏32	12♈29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23s 3	12s17	3n59	20s19	2n38	16s18	2n47	3n24	2n41	0n35	1n16	20n15	0n10	20n57	0n33	12s15	1n43	4n39	14s39	23s23	23s22	20s17	6n25	1n53	
S 2	22 58	7 29	4 40	20 28	2 31	16 34	2 46	3 17	2 42	0 35	1 16	20 16	0 10	20 58	0 33	12 15	1 43	4 39	14 39	23 23	23 22	20 18	6 25	1 53	
S 3	22 53	2 15	5 6	20 39	2 23	16 51	2 45	3 11	2 44	0 34	1 17	20 17	0 10	20 58	0 33	12 16	1 43	4 39	14 38	23 23	23 22	20 19	6 25	1 53	
M 4	22 47	3n 9	5 16	20 50	2 15	17 7	2 44	3 5	2 45	0 33	1 17	20 18	0 10	20 59	0 33	12 16	1 43	4 39	14 38	23 23	23 22	20 20	6 25	1 53	
T 5	22 41	8 30	5 8	21 2	2 7	17 23	2 43	2 59	2 46	0 32	1 17	20 20	0 10	20 59	0 34	12 16	1 43	4 39	14 38	23 23	23 22	20 22	6 25	1 53	
W 6	22 34	13 31	4 42	21 14	1 58	17 38	2 42	2 54	2 48	0 32	1 17	20 21	0 10	21 0	0 34	12 17	1 43	4 39	14 38	23 23	23 22	20 23	6 26	1 53	
T 7	22 27	17 51	3 58	21 26	1 50	17 53	2 41	2 48	2 49	0 31	1 18	20 22	0 10	21 0	0 34	12 17	1 43	4 39	14 37	23 23	23 21	20 24	6 26	1 52	
F 8	22 19	21 12	2 59	21 37	1 41	18 8	2 39	2 43	2 51	0 31	1 18	20 23	0 11	21 1	0 34	12 17	1 43	4 40	14 37	23 23	23 21	20 25	6 26	1 52	
S 9	22 11	23 12	1 48	21 49	1 32	18 22	2 38	2 38	2 52	0 30	1 18	20 24	0 11	21 1	0 34	12 17	1 44	4 40	14 37	23 23	23 21	20 26	6 26	1 52	
S 10	22 3	23 38	0 30	22 0	1 23	18 36	2 36	2 33	2 53	0 30	1 19	20 25	0 11	21 2	0 34	12 18	1 44	4 40	14 36	23 23	23 21	20 27	6 26	1 52	
M11	21 54	22 27	0s50	22 10	1 14	18 50	2 34	2 28	2 55	0 30	1 19	20 26	0 11	21 2	0 34	12 18	1 44	4 40	14 36	23 23	23 21	20 29	6 27	1 52	
T 12	21 45	19 49	2 6	22 20	1 5	19 3	2 33	2 23	2 56	0 30	1 19	20 27	0 11	21 3	0 34	12 18	1 44	4 40	14 36	23 23	23 21	20 30	6 27	1 51	
W13	21 35	16 1	3 13	22 29	0 56	19 16	2 31	2 19	2 58	0 30	1 19	20 28	0 11	21 3	0 34	12 18	1 44	4 40	14 36	23 23	23 21	20 31	6 27	1 51	
T 14	21 25	11 25	4 7	22 38	0 47	19 28	2 29	2 15	2 59	0 30	1 20	20 30	0 11	21 4	0 34	12 19	1 44	4 40	14 35	23 23	23 21	20 32	6 27	1 51	
F 15	21 15	6 24	4 45	22 45	0 38	19 40	2 27	2 11	3 0	0 30	1 20	20 31	0 11	21 4	0 34	12 19	1 44	4 41	14 35	23 23	23 21	20 33	6 28	1 51	
S 16	21 4	1 14	5 7	22 52	0 30	19 51	2 25	2 7	3 2	0 30	1 20	20 32	0 11	21 5	0 34	12 19	1 44	4 41	14 35	23 22	23 20	20 34	6 28	1 51	
S 17	20 52	3s50	5 13	22 58	0 21	20 2	2 22	2 4	3 3	0 30	1 20	20 33	0 12	21 6	0 34	12 19	1 44	4 41	14 34	23 22	23 20	20 36	6 28	1 51	
M18	20 41	8 37	5 4	23 3	0 13	20 13	2 20	2 1	3 5	0 31	1 21	20 34	0 12	21 6	0 34	12 19	1 44	4 41	14 34	23 22	23 20	20 37	6 29	1 50	
T 19	20 29	12 58	4 42	23 6	0 5	20 23	2 18	1 58	3 6	0 31	1 21	20 35	0 12	21 7	0 34	12 20	1 44	4 41	14 34	23 22	23 20	20 38	6 29	1 50	
W20	20 16	16 45	4 8	23 9	0s 3	20 32	2 15	1 55	3 8	0 31	1 21	20 36	0 12	21 7	0 34	12 20	1 44	4 42	14 34	23 22	23 20	20 39	6 30	1 50	
T 21	20 3	19 50	3 23	23 11	0 11	20 41	2 13	1 52	3 9	0 32	1 22	20 37	0 12	21 8	0 34	12 20	1 44	4 42	14 33	23 22	23 20	20 40	6 30	1 50	
F 22	19 50	22 5	2 30	23 11	0 19	20 50	2 10	1 50	3 11	0 33	1 22	20 38	0 12	21 8	0 34	12 20	1 44	4 42	14 33	23 22	23 20	20 41	6 31	1 50	
S 23	19 36	23 22	1 30	23 10	0 26	20 58	2 8	1 48	3 12	0 33	1 22	20 40	0 12	21 9	0 34	12 20	1 44	4 42	14 33	23 22	23 20	20 42	6 31	1 50	
S 24	19 22	23 35	0 26	23 8	0 33	21 5	2 5	1 46	3 14	0 34	1 22	20 41	0 12	21 9	0 34	12 20	1 44	4 42	14 32	23 22	23 20	20 43	6 32	1 50	
M25	19 8	22 42	0n41	23 5	0 40	21 12	2 2	1 45	3 15	0 35	1 23	20 42	0 12	21 10	0 34	12 20	1 44	4 43	14 32	23 22	23 19	20 44	6 32	1 49	
T 26	18 53	20 40	1 46	23 1	0 47	21 18	2 0	1 43	3 16	0 36	1 23	20 43	0 12	21 10	0 34	12 20	1 45	4 43	14 32	23 22	23 19	20 45	6 33	1 49	
W27	18 38	17 36	2 48	22 55	0 54	21 24	1 57	1 42	3 18	0 37	1 23	20 44	0 13	21 11	0 34	12 21	1 45	4 43	14 31	23 22	23 19	20 46	6 33	1 49	
T 28	18 23	13 37	3 42	22 48	1 0	21 29	1 54	1 42	3 19	0 38	1 23	20 45	0 13	21 11	0 34	12 21	1 45	4 43	14 31	23 22	23 19	20 48	6 34	1 49	
F 29	18 7	8 54	4 26	22 40	1 6	21 33	1 51	1 41	3 21	0 39	1 24	20 46	0 13	21 12	0 34	12 21	1 45	4 44	14 31	23 22	23 19	20 49	6 34	1 49	
S 30	17 51	3 41	4 55	22 30	1 12	21 37	1 48	1 41	3 22	0 40	1 24	20 47	0 13	21 12	0 34	12 21	1 45	4 44	14 30	23 22	23 19	20 50	6 35	1 49	
S 31	17s35	1n46	5n 8	22s19	1s18	21s41	1n45	1n41	3n24	0n42	1n24	20n48	0n13	21n13	0n34	12s21	1n45	4n44	14s30	23s21	23s19	20s51	6n36	1n48	

Julian Day Number = 2496469.5, Delta T = 104.93 sec
Ecliptic obliquity = 23°25'23, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°27'32, Lahiri = 25°34'32

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ASTRODIENST EPHEMERIS for the year 2123
geocentric

FEBRUARY 2123 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 42 57	11♒34'53	6♈26	26♉53	1♉13	3♎39	1°R27	27°R43	27°R23	7♏29	24°R15	25°R41	24♐29	21♏39	12♈31	M 1
T 2	8 46 53	12°35'49	20°26	28°26	2°25	3°41	1♎24	27♋38	27♋20	7°29	24♉15	25♐37	24°26	21°46	12°33	T 2
W 3	8 50 50	13°36'45	4♉29	29°59	3°37	3°42	1°21	27°33	27°18	7°30	24°15	25°35	24°23	21°52	12°36	W 3
T 4	8 54 46	14°37'39	18°36	1♒33	4°49	3°R43	1°18	27°29	27°15	7°30	24°15	25°D34	24°20	21°59	12°38	T 4
F 5	8 58 43	15°38'31	2♊44	3° 8	6° 1	3°43	1°14	27°24	27°13	7°30	24°15	25°35	24°17	22° 6	12°40	F 5
S 6	9 2 39	16°39'23	16°52	4°43	7°13	3°41	1°10	27°19	27°10	7°30	24°15	25°36	24°13	22°12	12°42	S 6
S 7	9 6 36	17°40'13	0♋59	6°20	8°25	3°40	1° 6	27°15	27° 8	7°30	24°D15	25°R36	24°10	22°19	12°45	S 7
M 8	9 10 32	18°41'01	15° 3	7°57	9°37	3°37	1° 2	27°11	27° 6	7°R30	24°15	25°35	24° 7	22°26	12°47	M 8
T 9	9 14 29	19°41'48	29° 0	9°34	10°49	3°34	0°58	27° 6	27° 3	7°30	24°15	25°31	24° 4	22°32	12°49	T 9
W10	9 18 26	20°42'34	12♌48	11°13	12° 1	3°30	0°54	27° 2	27° 1	7°30	24°15	25°24	24° 1	22°39	12°52	W10
T 11	9 22 22	21°43'19	26°22	12°52	13°14	3°25	0°49	26°58	26°59	7°30	24°15	25°15	23°58	22°46	12°54	T 11
F 12	9 26 19	22°44'02	9♍40	14°32	14°26	3°19	0°45	26°53	26°56	7°30	24°15	25° 5	23°54	22°52	12°57	F 12
S 13	9 30 15	23°44'44	22°40	16°13	15°38	3°12	0°40	26°49	26°54	7°30	24°15	24°54	23°51	22°59	12°59	S 13
S 14	9 34 12	24°45'25	5♎22	17°55	16°51	3° 5	0°35	26°45	26°52	7°29	24°15	24°44	23°48	23° 6	13° 2	S 14
M15	9 38 8	25°46'04	17°46	19°37	18° 3	2°57	0°29	26°41	26°50	7°29	24°15	24°35	23°45	23°12	13° 5	M15
T 16	9 42 5	26°46'43	29°54	21°20	19°16	2°48	0°24	26°37	26°47	7°29	24°16	24°29	23°42	23°19	13° 7	T 16
W17	9 46 1	27°47'20	11♏51	23° 5	20°28	2°39	0°19	26°33	26°45	7°29	24°16	24°26	23°39	23°26	13°10	W17
T 18	9 49 58	28°47'56	23°42	24°50	21°41	2°28	0°13	26°30	26°43	7°28	24°16	24°24	23°35	23°32	13°13	T 18
F 19	9 53 55	29°48'31	5♐30	26°36	22°54	2°17	0° 7	26°26	26°41	7°28	24°16	24°D24	23°32	23°39	13°15	F 19
S 20	9 57 51	0♓49'05	17°23	28°23	24° 6	2° 5	0° 1	26°22	26°39	7°28	24°17	24°25	23°29	23°46	13°18	S 20
S 21	10 1 48	1°49'38	29°25	0♓10	25°19	1°52	29♍55	26°19	26°37	7°27	24°17	24°R25	23°26	23°52	13°21	S 21
M22	10 5 44	2°50'09	11♉41	1°59	26°32	1°39	29°49	26°15	26°35	7°27	24°17	24°23	23°23	23°59	13°24	M22
T 23	10 9 41	3°50'39	24°15	3°48	27°45	1°25	29°43	26°12	26°33	7°26	24°17	24°19	23°19	24° 6	13°27	T 23
W24	10 13 37	4°51'08	7♒11	5°39	28°57	1°10	29°36	26° 9	26°31	7°26	24°18	24°13	23°16	24°12	13°30	W24
T 25	10 17 34	5°51'35	20°29	7°30	0♒10	0°54	29°30	26° 5	26°29	7°25	24°18	24° 4	23°13	24°19	13°33	T 25
F 26	10 21 30	6°52'00	4♓ 9	9°22	1°23	0°38	29°23	26° 2	26°28	7°25	24°19	23°53	23°10	24°26	13°36	F 26
S 27	10 25 27	7°52'24	18° 7	11°14	2°36	0°21	29°16	25°59	26°26	7°24	24°19	23°40	23° 7	24°32	13°39	S 27
S 28	10 29 24	8♓52'46	2♈19	13♓ 7	3♒49	0♎ 3	29♍ 9	25♋56	26♋24	7♏23	24♉19	23♐29	23♐ 4	24♏39	13♈42	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s18	7n12	5n 3	22s 7	1s23	21s43	1n42	1n41	3n25	0n43	1n25	20n49	0n13	21n13	0n34	12s21	1n45	4n45	14s30	23s21	23s19	20s52	6n36	1n48
T 2	17 1	12 18	4 40	21 54	1 28	21 46	1 39	1 42	3 27	0 44	1 25	20 50	0 13	21 14	0 34	12 21	1 45	4 45	14 29	23 21	23 18	20 53	6 37	1 48
W 3	16 44	16 47	4 0	21 39	1 33	21 47	1 35	1 43	3 28	0 46	1 25	20 51	0 13	21 14	0 34	12 21	1 45	4 45	14 29	23 21	23 18	20 54	6 38	1 48
T 4	16 26	20 19	3 6	21 23	1 37	21 48	1 32	1 44	3 29	0 47	1 25	20 52	0 13	21 15	0 34	12 21	1 45	4 45	14 29	23 21	23 18	20 55	6 38	1 48
F 5	16 8	22 39	2 0	21 5	1 42	21 48	1 29	1 45	3 31	0 49	1 26	20 53	0 14	21 15	0 34	12 21	1 45	4 46	14 28	23 21	23 18	20 56	6 39	1 48
S 6	15 50	23 33	0 47	20 47	1 45	21 48	1 26	1 47	3 32	0 51	1 26	20 54	0 14	21 16	0 34	12 21	1 45	4 46	14 28	23 21	23 18	20 57	6 40	1 47
S 7	15 32	22 56	0s29	20 26	1 49	21 47	1 22	1 49	3 34	0 53	1 26	20 55	0 14	21 16	0 34	12 21	1 45	4 46	14 28	23 21	23 18	20 58	6 41	1 47
M 8	15 13	20 53	1 43	20 5	1 52	21 46	1 19	1 51	3 35	0 54	1 26	20 56	0 14	21 17	0 34	12 21	1 45	4 47	14 28	23 21	23 18	20 59	6 41	1 47
T 9	14 54	17 35	2 49	19 42	1 55	21 43	1 16	1 54	3 36	0 56	1 27	20 57	0 14	21 17	0 34	12 21	1 45	4 47	14 27	23 21	23 17	21 0	6 42	1 47
W10	14 35	13 21	3 45	19 17	1 58	21 41	1 12	1 56	3 38	0 58	1 27	20 58	0 14	21 18	0 34	12 20	1 45	4 47	14 27	23 21	23 17	21 1	6 43	1 47
T 11	14 15	8 31	4 27	18 52	2 0	21 37	1 9	2 0	3 39	1 0	1 27	20 59	0 14	21 18	0 34	12 20	1 46	4 48	14 27	23 20	23 17	21 2	6 44	1 47
F 12	13 56	3 24	4 54	18 25	2 2	21 33	1 6	2 3	3 40	1 2	1 27	21 0	0 14	21 18	0 34	12 20	1 46	4 48	14 26	23 20	23 17	21 3	6 45	1 47
S 13	13 36	1s45	5 4	17 56	2 4	21 29	1 2	2 7	3 41	1 4	1 27	21 1	0 14	21 19	0 34	12 20	1 46	4 48	14 26	23 19	23 17	21 4	6 46	1 46
S 14	13 16	6 43	4 59	17 26	2 5	21 23	0 59	2 11	3 42	1 7	1 28	21 2	0 14	21 19	0 34	12 20	1 46	4 49	14 26	23 19	23 17	21 5	6 47	1 46
M15	12 55	11 17	4 40	16 55	2 6	21 17	0 55	2 15	3 44	1 9	1 28	21 2	0 14	21 20	0 34	12 20	1 46	4 49	14 25	23 19	23 17	21 6	6 47	1 46
T 16	12 35	15 19	4 9	16 22	2 6	21 11	0 52	2 19	3 45	1 11	1 28	21 3	0 15	21 20	0 34	12 20	1 46	4 49	14 25	23 18	23 16	21 7	6 48	1 46
W17	12 14	18 40	3 27	15 48	2 6	21 4	0 49	2 24	3 46	1 14	1 28	21 4	0 15	21 20	0 34	12 20	1 46	4 50	14 25	23 18	23 16	21 8	6 49	1 46
T 18	11 53	21 12	2 36	15 12	2 5	20 56	0 45	2 29	3 47	1 16	1 28	21 5	0 15	21 21	0 34	12 19	1 46	4 50	14 24	23 18	23 16	21 9	6 50	1 46
F 19	11 32	22 50	1 39	14 36	2 5	20 48	0 42	2 35	3 48	1 19	1 29	21 6	0 15	21 21	0 34	12 19	1 46	4 50	14 24	23 18	23 16	21 10	6 51	1 46
S 20	11 11	23 27	0 37	13 57	2 3	20 39	0 38	2 40	3 49	1 21	1 29	21 6	0 15	21 22	0 34	12 19	1 46	4 51	14 24	23 18	23 16	21 11	6 52	1 46
S 21	10 49	22 59	0n27	13 18	2 1	20 29	0 35	2 46	3 50	1 24	1 29	21 7	0 15	21 22	0 34	12 19	1 46	4 51	14 23	23 18	23 16	21 11	6 53	1 45
M22	10 27	21 24	1 31	12 37	1 59	20 19	0 32	2 52	3 50	1 26	1 29	21 8	0 15	21 22	0 34	12 19	1 46	4 52	14 23	23 18	23 15	21 12	6 54	1 45
T 23	10 6	18 46	2 32	11 54	1 56	20 8	0 28	2 58	3 51	1 29	1 29	21 9	0 15	21 23	0 34	12 19	1 46	4 52	14 23	23 18	23 15	21 13	6 55	1 45
W24	9 44	15 8	3 27	11 11	1 53	19 57	0 25	3 5	3 52	1 32	1 30	21 9	0 15	21 23	0 34	12 18	1 46	4 52	14 22	23 18	23 15	21 14	6 56	1 45
T 25	9 21	10 40	4 12	10 26	1 49	19 45	0 21	3 12	3 52	1 34	1 30	21 10	0 15	21 23	0 34	12 18	1 46	4 53	14 22	23 17	23 15	21 15	6 57	1 45
F 26	8 59	5 34	4 44	9 40	1 44	19 33	0 18	3 19	3 53	1 37	1 30	21 11	0 15	21 24	0 34	12 18	1 46	4 53	14 22	23 17	23 15	21 16	6 58	1 45
S 27	8 37	0 6	5 0	8 52	1 39	19 20	0 15	3 26	3 54	1 40	1 30	21 11	0 16	21 24	0 34	12 18	1 46	4 54	14 21	23 16	23 15	21 17	6 59	1 45
S 28	8s14	5n28	4n58	8s 4	1s33	19s 6	0n11	3n33	3n54	1n43	1n30	21n12	0n16	21n24	0n34	12s17	1n47	4n54	14s21	23s16	23s14	21s18	7n 0	1n45

Julian Day Number = 2496500.5, Delta T = 104.98 sec
Ecliptic obliquity = 23°25'23, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°27'36, Lahiri = 25°34'37

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ASTRODIENST EPHEMERIS for the year 2123
geocentric

MARCH 2123 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 33 20	9♓53'06	16♈39	15♓ 1	5♒ 2	29°R45	29°R 3	25°R53	26°R22	7°R23	24♉20	23°R19	23♐ 0	24♏46	13♈45	M 1
T 2	10 37 17	10°53'25	1♉ 1	16°55	6°15	29♍26	28♍55	25♋51	26♋21	7♏22	24°20	23♐11	22°57	24°52	13°48	T 2
W 3	10 41 13	11°53'41	15°21	18°50	7°28	29° 6	28°48	25°48	26°19	7°21	24°21	23° 6	22°54	24°59	13°51	W 3
T 4	10 45 10	12°53'55	29°35	20°45	8°41	28°46	28°41	25°45	26°18	7°20	24°21	23° 4	22°51	25° 6	13°54	T 4
F 5	10 49 6	13°54'08	13♊41	22°39	9°54	28°26	28°34	25°43	26°16	7°20	24°22	23°D 4	22°48	25°12	13°58	F 5
S 6	10 53 3	14°54'18	27°39	24°33	11° 7	28° 5	28°27	25°40	26°15	7°19	24°22	23°R 4	22°45	25°19	14° 1	S 6
S 7	10 56 59	15°54'26	11♋28	26°27	12°20	27°43	28°19	25°38	26°13	7°18	24°23	23° 3	22°41	25°26	14° 4	S 7
M 8	11 0 56	16°54'33	25° 8	28°20	13°33	27°21	28°12	25°36	26°12	7°17	24°24	23° 0	22°38	25°32	14° 7	M 8
T 9	11 4 53	17°54'36	8♌40	0♈12	14°46	26°59	28° 4	25°34	26°10	7°16	24°24	22°54	22°35	25°39	14°11	T 9
W10	11 8 49	18°54'38	22° 2	2° 2	16° 0	26°37	27°56	25°32	26° 9	7°15	24°25	22°45	22°32	25°46	14°14	W10
T 11	11 12 46	19°54'38	5♍13	3°50	17°13	26°14	27°49	25°30	26° 8	7°14	24°26	22°34	22°29	25°52	14°17	T 11
F 12	11 16 42	20°54'36	18°11	5°36	18°26	25°51	27°41	25°28	26° 7	7°13	24°26	22°20	22°25	25°59	14°21	F 12
S 13	11 20 39	21°54'32	0♎57	7°18	19°39	25°28	27°33	25°27	26° 5	7°12	24°27	22° 7	22°22	26° 5	14°24	S 13
S 14	11 24 35	22°54'26	13°28	8°58	20°52	25° 4	27°26	25°25	26° 4	7°11	24°28	21°53	22°19	26°12	14°27	S 14
M15	11 28 32	23°54'18	25°45	10°33	22° 5	24°41	27°18	25°24	26° 3	7°10	24°28	21°42	22°16	26°19	14°31	M15
T 16	11 32 28	24°54'09	7♏50	12° 4	23°19	24°17	27°10	25°22	26° 2	7° 9	24°29	21°33	22°13	26°25	14°34	T 16
W17	11 36 25	25°53'57	19°45	13°30	24°32	23°54	27° 2	25°21	26° 1	7° 8	24°30	21°27	22°10	26°32	14°38	W17
T 18	11 40 21	26°53'44	1♐34	14°50	25°45	23°30	26°55	25°20	26° 0	7° 7	24°31	21°24	22° 6	26°39	14°41	T 18
F 19	11 44 18	27°53'30	13°22	16° 5	26°59	23° 7	26°47	25°19	26° 0	7° 6	24°31	21°22	22° 3	26°45	14°44	F 19
S 20	11 48 15	28°53'14	25°14	17°13	28°12	22°43	26°39	25°18	25°59	7° 4	24°32	21°22	22° 0	26°52	14°48	S 20
S 21	11 52 11	29°52'55	7♑14	18°14	29°25	22°20	26°31	25°17	25°58	7° 3	24°33	21°22	21°57	26°59	14°51	S 21
M22	11 56 8	0♈52'36	19°30	19° 9	0♓39	21°57	26°23	25°17	25°57	7° 2	24°34	21°21	21°54	27° 5	14°55	M22
T 23	12 0 4	1°52'14	2♒ 5	19°55	1°52	21°34	26°16	25°16	25°57	7° 1	24°35	21°18	21°51	27°12	14°58	T 23
W24	12 4 1	2°51'51	15° 4	20°35	3° 5	21°11	26° 8	25°16	25°56	7° 0	24°36	21°12	21°47	27°19	15° 2	W24
T 25	12 7 57	3°51'26	28°29	21° 6	4°19	20°49	26° 0	25°15	25°56	6°58	24°37	21° 3	21°44	27°25	15° 5	T 25
F 26	12 11 54	4°50'59	12♓21	21°30	5°32	20°27	25°53	25°15	25°55	6°57	24°37	20°53	21°41	27°32	15° 9	F 26
S 27	12 15 50	5°50'30	26°37	21°46	6°45	20° 6	25°45	25°15	25°55	6°56	24°38	20°42	21°38	27°39	15°13	S 27
S 28	12 19 47	6°49'59	11♈11	21°53	7°59	19°45	25°37	25°D15	25°54	6°54	24°39	20°30	21°35	27°45	15°16	S 28
M29	12 23 44	7°49'26	25°57	21°R53	9°12	19°24	25°30	25°15	25°54	6°53	24°40	20°20	21°31	27°52	15°20	M29
T 30	12 27 40	8°48'51	10♉45	21°46	10°26	19° 4	25°22	25°15	25°54	6°51	24°41	20°13	21°28	27°59	15°23	T 30
W31	12 31 37	9♈48'13	25♉29	21♈32	11♓39	18♍44	25♍15	25♋16	25♋53	6♏50	24♉42	20♐ 8	21♐25	28♏ 5	15♈27	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	7s51	10n48	4n37	7s14	1s27	18s52	0n 8	3n41	3n54	1n46	1n30	21n13	0n16	21n25	0n34	12s17	1n47	4n54	14s21	23s15	23s14	21s19	7n 2	1n44	
T 2	7 29	15 33	3 59	6 24	1 20	18 37	0 5	3 49	3 55	1 49	1 31	21 13	0 16	21 25	0 33	12 17	1 47	4 55	14 20	23 15	23 14	21 20	7 3	1 44	
W 3	7 6	19 23	3 5	5 32	1 13	18 22	0 2	3 57	3 55	1 52	1 31	21 14	0 16	21 25	0 33	12 16	1 47	4 55	14 20	23 15	23 14	21 20	7 4	1 44	
T 4	6 43	22 1	2 1	4 40	1 5	18 6	0s 2	4 5	3 55	1 55	1 31	21 14	0 16	21 26	0 33	12 16	1 47	4 56	14 20	23 15	23 14	21 21	7 5	1 44	
F 5	6 20	23 15	0 49	3 46	0 56	17 50	0 5	4 13	3 55	1 58	1 31	21 15	0 16	21 26	0 33	12 16	1 47	4 56	14 19	23 14	23 14	21 22	7 6	1 44	
S 6	5 57	23 0	0s24	2 53	0 47	17 33	0 8	4 21	3 55	2 1	1 31	21 15	0 16	21 26	0 33	12 16	1 47	4 56	14 19	23 14	23 13	21 23	7 7	1 44	
S 7	5 33	21 20	1 36	1 59	0 37	17 16	0 11	4 30	3 55	2 4	1 31	21 16	0 16	21 26	0 33	12 15	1 47	4 57	14 19	23 14	23 13	21 24	7 8	1 44	
M 8	5 10	18 27	2 41	1 4	0 27	16 58	0 14	4 38	3 54	2 7	1 31	21 16	0 16	21 27	0 33	12 15	1 47	4 57	14 19	23 14	23 13	21 25	7 9	1 44	
T 9	4 47	14 36	3 36	0 10	0 16	16 40	0 17	4 46	3 54	2 10	1 31	21 17	0 16	21 27	0 33	12 15	1 47	4 58	14 18	23 14	23 13	21 26	7 11	1 44	
W10	4 23	10 4	4 19	0n44	0 4	16 21	0 20	4 55	3 53	2 13	1 31	21 17	0 16	21 27	0 33	12 14	1 47	4 58	14 18	23 13	23 13	21 26	7 12	1 43	
T 11	4 0	5 9	4 47	1 38	0n 8	16 2	0 23	5 4	3 53	2 16	1 32	21 18	0 16	21 27	0 33	12 14	1 47	4 59	14 18	23 13	23 13	21 27	7 13	1 43	
F 12	3 36	0 4	4 59	2 31	0 20	15 42	0 26	5 12	3 52	2 19	1 32	21 18	0 17	21 28	0 33	12 14	1 47	4 59	14 17	23 12	23 12	21 28	7 14	1 43	
S 13	3 12	4s54	4 56	3 24	0 33	15 22	0 29	5 21	3 52	2 22	1 32	21 19	0 17	21 28	0 33	12 13	1 47	4 59	14 17	23 11	23 12	21 29	7 15	1 43	
S 14	2 49	9 36	4 39	4 15	0 45	15 2	0 32	5 29	3 51	2 26	1 32	21 19	0 17	21 28	0 33	12 13	1 47	5 0	14 17	23 11	23 12	21 30	7 17	1 43	
M15	2 25	13 49	4 9	5 4	0 58	14 41	0 34	5 38	3 50	2 29	1 32	21 19	0 17	21 28	0 33	12 12	1 47	5 0	14 17	23 10	23 12	21 31	7 18	1 43	
T 16	2 1	17 24	3 29	5 52	1 12	14 19	0 37	5 46	3 49	2 32	1 32	21 20	0 17	21 28	0 33	12 12	1 47	5 1	14 16	23 9	23 12	21 31	7 19	1 43	
W17	1 38	20 13	2 39	6 38	1 25	13 58	0 40	5 54	3 48	2 35	1 32	21 20	0 17	21 28	0 33	12 12	1 47	5 1	14 16	23 9	23 11	21 32	7 20	1 43	
T 18	1 14	22 8	1 43	7 21	1 38	13 35	0 42	6 3	3 47	2 38	1 32	21 20	0 17	21 29	0 33	12 11	1 47	5 2	14 16	23 9	23 11	21 33	7 22	1 43	
F 19	0 50	23 5	0 42	8 1	1 51	13 13	0 45	6 11	3 45	2 41	1 32	21 20	0 17	21 29	0 33	12 11	1 47	5 2	14 15	23 9	23 11	21 34	7 23	1 43	
S 20	0 27	23 0	0n20	8 39	2 3	12 50	0 47	6 19	3 44	2 44	1 32	21 21	0 17	21 29	0 33	12 10	1 47	5 3	14 15	23 9	23 11	21 34	7 24	1 42	
S 21	0 3	21 50	1 23	9 14	2 15	12 27	0 50	6 27	3 42	2 47	1 32	21 21	0 17	21 29	0 33	12 10	1 48	5 3	14 15	23 9	23 11	21 35	7 25	1 42	
M22	0n21	19 39	2 23	9 45	2 27	12 3	0 52	6 34	3 41	2 51	1 32	21 21	0 17	21 29	0 33	12 9	1 48	5 3	14 15	23 8	23 11	21 36	7 27	1 42	
T 23	0 45	16 28	3 18	10 13	2 37	11 39	0 55	6 42	3 39	2 54	1 32	21 21	0 17	21 29	0 33	12 9	1 48	5 4	14 14	23 8	23 10	21 37	7 28	1 42	
W24	1 8	12 25	4 4	10 37	2 47	11 15	0 57	6 49	3 38	2 57	1 32	21 21	0 17	21 29	0 33	12 9	1 48	5 4	14 14	23 8	23 10	21 38	7 29	1 42	
T 25	1 32	7 38	4 39	10 57	2 56	10 50	0 59	6 57	3 36	3 0	1 32	21 21	0 17	21 29	0 33	12 8	1 48	5 5	14 14	23 7	23 10	21 38	7 30	1 42	
F 26	1 56	2 20	4 58	11 13	3 4	10 26	1 1	7 3	3 34	3 3	1 32	21 22	0 18	21 29	0 33	12 8	1 48	5 5	14 14	23 7	23 10	21 39	7 32	1 42	
S 27	2 19	3n15	5 0	11 25	3 10	10 0	1 3	7 10	3 32	3 6	1 32	21 22	0 18	21 29	0 33	12 7	1 48	5 6	14 13	23 6	23 10	21 40	7 33	1 42	
S 28	2 43	8 45	4 42	11 33	3 16	9 35	1 5	7 17	3 30	3 9	1 32	21 22	0 18	21 30	0 33	12 7	1 48	5 6	14 13	23 5	23 9	21 40	7 34	1 42	
M29	3 6	13 50	4 6	11 37	3 20	9 9	1 7	7 23	3 28	3 12	1 32	21 22	0 18	21 30	0 33	12 6	1 48	5 7	14 13	23 4	23 9	21 41	7 36	1 42	
T 30	3 30	18 5	3 13	11 36	3 22	8 43	1 9	7 29	3 26	3 15	1 32	21 22	0 18	21 30	0 33	12 6	1 48	5 7	14 13	23 4	23 9	21 42	7 37	1 42	
W31	3n53	21n10	2n 7	11n31	3n23	8s17	1s11	7n34	3n24	3n18	1n32	21n22	0n18	21n30	0n33	12s 5	1n48	5n 8	14s12	23s 3	23s 9	21s43	7n38	1n41	

Julian Day Number = 2496528.5, Delta T = 105.02 sec
Ecliptic obliquity = 23°25'23, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°27'40, Lahiri = 25°34'41

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ASTRODIENST EPHEMERIS for the year 2123
geocentric

APRIL 2123 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 35 33	10♈47'34	10♊ 1	21°R10	12♓52	18°R26	25°R 8	25♋16	25°R53	6°R49	24♉43	20°R 6	21♐22	28♏12	15♈30	T 1
F 2	12 39 30	11°46'52	24°19	20♈43	14° 6	18♍ 7	25♍ 1	25°17	25♋53	6♏47	24°44	20°D 6	21°19	28°19	15°34	F 2
S 3	12 43 26	12°46'08	8♋21	20°10	15°19	17°50	24°53	25°17	25°53	6°46	24°45	20°R 6	21°16	28°25	15°38	S 3
S 4	12 47 23	13°45'22	22° 6	19°32	16°33	17°32	24°46	25°18	25°D53	6°44	24°46	20♐ 6	21°12	28°32	15°41	S 4
M 5	12 51 19	14°44'33	5♌35	18°50	17°46	17°16	24°39	25°19	25°53	6°43	24°48	20° 4	21° 9	28°39	15°45	M 5
T 6	12 55 16	15°43'42	18°50	18° 6	19° 0	17° 0	24°32	25°20	25°53	6°41	24°49	20° 0	21° 6	28°45	15°48	T 6
W 7	12 59 13	16°42'48	1♍52	17°19	20°13	16°46	24°26	25°21	25°53	6°40	24°50	19°53	21° 3	28°52	15°52	W 7
T 8	13 3 9	17°41'52	14°42	16°31	21°26	16°31	24°19	25°22	25°54	6°38	24°51	19°44	21° 0	28°59	15°55	T 8
F 9	13 7 6	18°40'54	27°20	15°43	22°40	16°18	24°12	25°23	25°54	6°37	24°52	19°33	20°56	29° 5	15°59	F 9
S 10	13 11 2	19°39'54	9♎48	14°55	23°53	16° 5	24° 6	25°25	25°54	6°35	24°53	19°22	20°53	29°12	16° 3	S 10
S 11	13 14 59	20°38'52	22° 4	14° 9	25° 7	15°53	24° 0	25°26	25°55	6°34	24°54	19°11	20°50	29°19	16° 6	S 11
M12	13 18 55	21°37'48	4♏11	13°26	26°20	15°42	23°53	25°28	25°55	6°32	24°55	19° 2	20°47	29°25	16°10	M12
T 13	13 22 52	22°36'42	16° 9	12°45	27°34	15°31	23°47	25°30	25°55	6°31	24°56	18°54	20°44	29°32	16°13	T 13
W14	13 26 48	23°35'34	28° 1	12° 9	28°47	15°22	23°41	25°32	25°56	6°29	24°58	18°50	20°41	29°39	16°17	W14
T 15	13 30 45	24°34'24	9♐49	11°36	0♈ 0	15°13	23°35	25°34	25°57	6°27	24°59	18°47	20°37	29°45	16°20	T 15
F 16	13 34 41	25°33'13	21°36	11° 8	1°14	15° 5	23°30	25°36	25°57	6°26	25° 0	18°D47	20°34	29°52	16°24	F 16
S 17	13 38 38	26°31'59	3♑28	10°45	2°27	14°57	23°24	25°38	25°58	6°24	25° 1	18°48	20°31	29°58	16°28	S 17
S 18	13 42 35	27°30'44	15°28	10°27	3°41	14°51	23°19	25°40	25°59	6°23	25° 2	18°49	20°28	0♐ 5	16°31	S 18
M19	13 46 31	28°29'28	27°41	10°14	4°54	14°45	23°13	25°42	26° 0	6°21	25° 4	18°R50	20°25	0°12	16°35	M19
T 20	13 50 28	29°28'09	10♒14	10° 7	6° 8	14°40	23° 8	25°45	26° 0	6°19	25° 5	18°49	20°22	0°18	16°38	T 20
W21	13 54 24	0♉26'49	23°11	10°D 4	7°21	14°36	23° 3	25°47	26° 1	6°18	25° 6	18°46	20°18	0°25	16°42	W21
T 22	13 58 21	1°25'27	6♓34	10° 7	8°35	14°32	22°58	25°50	26° 2	6°16	25° 7	18°42	20°15	0°32	16°45	T 22
F 23	14 2 17	2°24'03	20°26	10°15	9°48	14°30	22°54	25°53	26° 3	6°14	25° 9	18°36	20°12	0°38	16°49	F 23
S 24	14 6 14	3°22'38	4♈45	10°27	11° 2	14°28	22°49	25°56	26° 4	6°13	25°10	18°29	20° 9	0°45	16°52	S 24
S 25	14 10 10	4°21'11	19°28	10°45	12°15	14°27	22°45	25°59	26° 5	6°11	25°11	18°22	20° 6	0°52	16°56	S 25
M26	14 14 7	5°19'42	4♉27	11° 7	13°29	14°D26	22°41	26° 2	26° 7	6°10	25°12	18°16	20° 2	0°58	16°59	M26
T 27	14 18 4	6°18'12	19°33	11°33	14°42	14°26	22°36	26° 5	26° 8	6° 8	25°14	18°12	19°59	1° 5	17° 3	T 27
W28	14 22 0	7°16'39	4♊37	12° 4	15°56	14°28	22°33	26° 8	26° 9	6° 6	25°15	18° 9	19°56	1°12	17° 6	W28
T 29	14 25 57	8°15'05	19°31	12°39	17° 9	14°29	22°29	26°11	26°10	6° 5	25°16	18°D 8	19°53	1°18	17° 9	T 29
F 30	14 29 53	9♉13'28	4♋ 7	13♈18	18♈23	14♍32	22♍25	26♋15	26♋12	6♏ 3	25♉18	18♐ 9	19♐50	1♐25	17♈13	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n16	22n49	0n53	11n22	3n22	7s51	1s13	7n40	3n21	3n20	1n32	21n22	0n18	21n30	0n33	12s 5	1n48	5n 8	14s12	23s 3	23s 9	21s43	7n40	1n41
F 2	4 39	22 56	0s22	11 10	3 19	7 24	1 15	7 45	3 19	3 23	1 32	21 22	0 18	21 30	0 33	12 4	1 48	5 8	14 12	23 3	23 8	21 44	7 41	1 41
S 3	5 2	21 34	1 36	10 53	3 15	6 57	1 16	7 50	3 17	3 26	1 32	21 22	0 18	21 30	0 33	12 4	1 48	5 9	14 12	23 3	23 8	21 45	7 42	1 41
S 4	5 25	18 57	2 42	10 33	3 9	6 30	1 18	7 54	3 14	3 29	1 32	21 22	0 18	21 30	0 33	12 3	1 48	5 9	14 11	23 3	23 8	21 45	7 44	1 41
M 5	5 48	15 21	3 37	10 10	3 2	6 3	1 19	7 58	3 12	3 31	1 32	21 22	0 18	21 30	0 33	12 3	1 48	5 10	14 11	23 3	23 8	21 46	7 45	1 41
T 6	6 11	11 2	4 20	9 45	2 52	5 36	1 21	8 2	3 9	3 34	1 32	21 21	0 18	21 30	0 33	12 2	1 48	5 10	14 11	23 3	23 7	21 47	7 46	1 41
W 7	6 34	6 18	4 49	9 17	2 42	5 8	1 22	8 6	3 7	3 37	1 31	21 21	0 18	21 29	0 33	12 2	1 48	5 11	14 11	23 2	23 7	21 48	7 48	1 41
T 8	6 56	1 22	5 3	8 47	2 30	4 40	1 24	8 9	3 4	3 39	1 31	21 21	0 18	21 29	0 33	12 1	1 48	5 11	14 11	23 2	23 7	21 48	7 49	1 41
F 9	7 19	3s33	5 1	8 17	2 16	4 12	1 25	8 12	3 2	3 42	1 31	21 21	0 18	21 29	0 33	12 1	1 48	5 12	14 10	23 1	23 7	21 49	7 50	1 41
S 10	7 41	8 15	4 45	7 45	2 2	3 44	1 26	8 14	2 59	3 44	1 31	21 21	0 19	21 29	0 33	12 0	1 48	5 12	14 10	23 0	23 7	21 50	7 51	1 41
S 11	8 3	12 33	4 16	7 13	1 47	3 16	1 27	8 17	2 57	3 47	1 31	21 21	0 19	21 29	0 33	12 0	1 48	5 12	14 10	22 59	23 6	21 50	7 53	1 41
M12	8 26	16 17	3 35	6 42	1 31	2 48	1 28	8 19	2 54	3 49	1 31	21 20	0 19	21 29	0 33	11 59	1 48	5 13	14 10	22 58	23 6	21 51	7 54	1 41
T 13	8 47	19 18	2 46	6 11	1 15	2 20	1 29	8 20	2 52	3 51	1 31	21 20	0 19	21 29	0 33	11 59	1 48	5 13	14 10	22 58	23 6	21 51	7 55	1 41
W14	9 9	21 29	1 49	5 42	0 59	1 51	1 30	8 22	2 49	3 54	1 31	21 20	0 19	21 29	0 33	11 58	1 48	5 14	14 9	22 57	23 6	21 52	7 57	1 41
T 15	9 31	22 42	0 48	5 14	0 42	1 23	1 31	8 23	2 46	3 56	1 31	21 19	0 19	21 29	0 33	11 58	1 48	5 14	14 9	22 57	23 6	21 53	7 58	1 41
F 16	9 52	22 54	0n15	4 48	0 26	0 55	1 31	8 24	2 44	3 58	1 30	21 19	0 19	21 29	0 33	11 57	1 48	5 15	14 9	22 57	23 5	21 53	7 59	1 40
S 17	10 14	22 4	1 18	4 24	0 9	0 26	1 32	8 24	2 41	4 0	1 30	21 19	0 19	21 28	0 33	11 56	1 48	5 15	14 9	22 57	23 5	21 54	8 1	1 40
S 18	10 35	20 14	2 19	4 2	0s 7	0n 3	1 33	8 24	2 39	4 2	1 30	21 18	0 19	21 28	0 33	11 56	1 48	5 15	14 9	22 57	23 5	21 55	8 2	1 40
M19	10 56	17 26	3 14	3 43	0 22	0 31	1 33	8 24	2 36	4 4	1 30	21 18	0 19	21 28	0 33	11 55	1 48	5 16	14 9	22 57	23 5	21 55	8 3	1 40
T 20	11 17	13 47	4 2	3 26	0 37	1 0	1 34	8 23	2 33	4 6	1 30	21 18	0 19	21 28	0 33	11 55	1 48	5 16	14 8	22 57	23 4	21 56	8 5	1 40
W21	11 37	9 23	4 39	3 12	0 51	1 29	1 34	8 23	2 31	4 8	1 30	21 17	0 19	21 28	0 32	11 54	1 48	5 17	14 8	22 57	23 4	21 56	8 6	1 40
T 22	11 58	4 25	5 2	3 0	1 5	1 57	1 34	8 22	2 28	4 10	1 30	21 17	0 19	21 27	0 32	11 54	1 48	5 17	14 8	22 57	23 4	21 57	8 7	1 40
F 23	12 18	0n56	5 9	2 51	1 18	2 26	1 35	8 20	2 25	4 11	1 29	21 16	0 19	21 27	0 32	11 53	1 48	5 18	14 8	22 56	23 4	21 58	8 9	1 40
S 24	12 38	6 25	4 56	2 45	1 30	2 55	1 35	8 19	2 23	4 13	1 29	21 16	0 19	21 27	0 32	11 53	1 48	5 18	14 8	22 55	23 3	21 58	8 10	1 40
S 25	12 58	11 42	4 25	2 41	1 42	3 23	1 35	8 17	2 20	4 14	1 29	21 15	0 19	21 27	0 32	11 52	1 48	5 18	14 8	22 55	23 3	21 59	8 11	1 40
M26	13 17	16 22	3 35	2 40	1 53	3 52	1 35	8 14	2 18	4 16	1 29	21 15	0 20	21 27	0 32	11 52	1 48	5 19	14 8	22 54	23 3	21 59	8 12	1 40
T 27	13 37	20 0	2 29	2 41	2 3	4 20	1 35	8 12	2 15	4 17	1 29	21 14	0 20	21 26	0 32	11 51	1 48	5 19	14 8	22 54	23 3	22 0	8 14	1 40
W28	13 56	22 15	1 13	2 45	2 12	4 48	1 35	8 9	2 13	4 19	1 29	21 14	0 20	21 26	0 32	11 51	1 48	5 20	14 7	22 54	23 2	22 0	8 15	1 40
T 29	14 15	22 53	0s 7	2 50	2 20	5 17	1 34	8 6	2 10	4 20	1 28	21 13	0 20	21 26	0 32	11 50	1 48	5 20	14 7	22 54	23 2	22 1	8 16	1 40
F 30	14n34	21n56	1s26	2n58	2s28	5n45	1s34	8n 3	2n 8	4n21	1n28	21n13	0n20	21n26	0n32	11s49	1n48	5n20	14s 7	22s54	23s 2	22s 1	8n18	1n40

Julian Day Number = 2496559.5, Delta T = 105.07 sec
Ecliptic obliquity = 23°25'23, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°27'44, Lahiri = 25°34'45

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ASTRODIENST EPHEMERIS for the year 2123
geocentric

MAY 2123 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 33 50	10♉11'50	18♋21	14♈ 0	19♈36	14♍35	22°R22	26♋18	26♋13	6°R 1	25♉19	18♐11	19♐47	1♐32	17♈16	S 1
S 2	14 37 46	11°10'09	2♌14	14°46	20°50	14°39	22♍19	26°22	26°15	6♏ 0	25°20	18°12	19°43	1°38	17°19	S 2
M 3	14 41 43	12° 8'26	15°44	15°36	22° 3	14°44	22°16	26°26	26°16	5°58	25°22	18°R12	19°40	1°45	17°23	M 3
T 4	14 45 39	13° 6'41	28°54	16°28	23°16	14°49	22°13	26°30	26°18	5°57	25°23	18°11	19°37	1°52	17°26	T 4
W 5	14 49 36	14° 4'54	11♍46	17°24	24°30	14°55	22°10	26°34	26°19	5°55	25°24	18° 8	19°34	1°58	17°29	W 5
T 6	14 53 33	15° 3'05	24°22	18°23	25°43	15° 2	22° 8	26°38	26°21	5°53	25°26	18° 4	19°31	2° 5	17°33	T 6
F 7	14 57 29	16° 1'14	6♎46	19°25	26°57	15° 9	22° 5	26°42	26°23	5°52	25°27	17°59	19°28	2°12	17°36	F 7
S 8	15 1 26	16°59'21	18°59	20°30	28°10	15°17	22° 3	26°46	26°24	5°50	25°28	17°53	19°24	2°18	17°39	S 8
S 9	15 5 22	17°57'26	1♏ 2	21°37	29°24	15°26	22° 1	26°50	26°26	5°48	25°30	17°48	19°21	2°25	17°42	S 9
M10	15 9 19	18°55'30	12°59	22°47	0♉37	15°35	21°59	26°54	26°28	5°47	25°31	17°44	19°18	2°31	17°46	M10
T 11	15 13 15	19°53'32	24°51	24° 0	1°51	15°45	21°58	26°59	26°30	5°45	25°32	17°41	19°15	2°38	17°49	T 11
W12	15 17 12	20°51'32	6♐40	25°15	3° 4	15°55	21°56	27° 3	26°32	5°44	25°34	17°39	19°12	2°45	17°52	W12
T 13	15 21 8	21°49'31	18°27	26°33	4°17	16° 6	21°55	27° 8	26°34	5°42	25°35	17°D38	19° 8	2°51	17°55	T 13
F 14	15 25 5	22°47'28	0♑17	27°53	5°31	16°18	21°54	27°13	26°36	5°41	25°36	17°39	19° 5	2°58	17°58	F 14
S 15	15 29 2	23°45'25	12°11	29°15	6°44	16°30	21°53	27°17	26°38	5°39	25°38	17°40	19° 2	3° 5	18° 1	S 15
S 16	15 32 58	24°43'19	24°14	0♉40	7°58	16°43	21°53	27°22	26°40	5°38	25°39	17°42	18°59	3°11	18° 4	S 16
M17	15 36 55	25°41'13	6♒29	2° 6	9°11	16°56	21°52	27°27	26°42	5°36	25°40	17°43	18°56	3°18	18° 7	M17
T 18	15 40 51	26°39'05	19° 2	3°35	10°25	17°10	21°52	27°32	26°44	5°35	25°42	17°44	18°53	3°25	18°10	T 18
W19	15 44 48	27°36'56	1♓55	5° 7	11°38	17°24	21°D52	27°37	26°47	5°33	25°43	17°R44	18°49	3°31	18°13	W19
T 20	15 48 44	28°34'45	15°13	6°40	12°52	17°39	21°52	27°42	26°49	5°32	25°44	17°44	18°46	3°38	18°16	T 20
F 21	15 52 41	29°32'34	28°58	8°16	14° 5	17°54	21°52	27°47	26°51	5°30	25°46	17°42	18°43	3°45	18°19	F 21
S 22	15 56 37	0♊30'21	13♈ 9	9°54	15°19	18° 9	21°52	27°53	26°54	5°29	25°47	17°40	18°40	3°51	18°22	S 22
S 23	16 0 34	1°28'07	27°46	11°34	16°32	18°26	21°53	27°58	26°56	5°27	25°48	17°38	18°37	3°58	18°25	S 23
M24	16 4 31	2°25'53	12♉43	13°16	17°46	18°42	21°54	28° 3	26°58	5°26	25°50	17°36	18°33	4° 5	18°27	M24
T 25	16 8 27	3°23'37	27°51	15° 0	18°59	18°59	21°55	28° 9	27° 1	5°24	25°51	17°35	18°30	4°11	18°30	T 25
W26	16 12 24	4°21'19	13♊ 3	16°47	20°13	19°17	21°56	28°14	27° 3	5°23	25°53	17°D34	18°27	4°18	18°33	W26
T 27	16 16 20	5°19'01	28° 9	18°35	21°26	19°35	21°57	28°20	27° 6	5°22	25°54	17°34	18°24	4°25	18°36	T 27
F 28	16 20 17	6°16'41	12♋59	20°26	22°39	19°54	21°59	28°26	27° 9	5°20	25°55	17°35	18°21	4°31	18°38	F 28
S 29	16 24 13	7°14'20	27°29	22°19	23°53	20°12	22° 0	28°32	27°11	5°19	25°57	17°36	18°18	4°38	18°41	S 29
S 30	16 28 10	8°11'57	11♌33	24°14	25° 6	20°32	22° 2	28°37	27°14	5°18	25°58	17°37	18°14	4°44	18°44	S 30
M31	16 32 6	9♊ 9'32	25♌11	26♉12	26♉20	20♍51	22♍ 4	28♋43	27♋17	5♏16	25♉59	17♐37	18♐11	4♐51	18♈46	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n52	19n34	2s37	3n 8	2s35	6n13	1s34	7n59	2n 5	4n22	1n28	21n12	0n20	21n25	0n32	11s49	1n48	5n21	14s 7	22s54	23s 2	22s 2	8n19	1n40
S 2	15 10	16 7	3 37	3 20	2 41	6 41	1 33	7 55	2 3	4 24	1 28	21 11	0 20	21 25	0 32	11 48	1 48	5 21	14 7	22 54	23 2	22 3	8 20	1 40
M 3	15 28	11 55	4 24	3 34	2 46	7 9	1 33	7 51	2 0	4 25	1 28	21 11	0 20	21 25	0 32	11 48	1 48	5 22	14 7	22 54	23 1	22 3	8 21	1 40
T 4	15 46	7 14	4 55	3 50	2 51	7 36	1 32	7 47	1 58	4 25	1 27	21 10	0 20	21 24	0 32	11 47	1 48	5 22	14 7	22 54	23 1	22 4	8 23	1 40
W 5	16 3	2 22	5 10	4 8	2 55	8 4	1 32	7 43	1 55	4 26	1 27	21 9	0 20	21 24	0 32	11 47	1 48	5 22	14 7	22 54	23 1	22 4	8 24	1 40
T 6	16 20	2s31	5 10	4 27	2 58	8 31	1 31	7 38	1 53	4 27	1 27	21 9	0 20	21 24	0 32	11 46	1 48	5 23	14 7	22 53	23 1	22 5	8 25	1 40
F 7	16 37	7 12	4 56	4 48	3 1	8 58	1 30	7 33	1 51	4 28	1 27	21 8	0 20	21 23	0 32	11 46	1 48	5 23	14 7	22 53	23 0	22 5	8 26	1 40
S 8	16 54	11 33	4 28	5 11	3 3	9 25	1 30	7 28	1 48	4 29	1 27	21 7	0 20	21 23	0 32	11 45	1 48	5 23	14 6	22 52	23 0	22 6	8 27	1 40
S 9	17 10	15 23	3 48	5 35	3 4	9 52	1 29	7 22	1 46	4 29	1 26	21 6	0 20	21 23	0 32	11 45	1 48	5 24	14 6	22 52	23 0	22 6	8 29	1 40
M10	17 26	18 34	2 59	6 0	3 5	10 19	1 28	7 16	1 44	4 30	1 26	21 6	0 20	21 22	0 32	11 44	1 48	5 24	14 6	22 51	23 0	22 7	8 30	1 40
T 11	17 42	20 56	2 2	6 27	3 4	10 45	1 27	7 11	1 42	4 30	1 26	21 5	0 20	21 22	0 32	11 44	1 48	5 25	14 6	22 51	22 59	22 7	8 31	1 40
W12	17 57	22 24	1 0	6 55	3 4	11 11	1 26	7 5	1 39	4 30	1 26	21 4	0 20	21 21	0 32	11 43	1 48	5 25	14 6	22 51	22 59	22 8	8 32	1 40
T 13	18 13	22 51	0n 5	7 24	3 2	11 37	1 25	6 58	1 37	4 31	1 26	21 3	0 21	21 21	0 32	11 43	1 48	5 25	14 6	22 51	22 59	22 8	8 33	1 40
F 14	18 27	22 16	1 9	7 54	3 0	12 2	1 24	6 52	1 35	4 31	1 25	21 2	0 21	21 21	0 32	11 42	1 48	5 26	14 6	22 51	22 58	22 9	8 35	1 39
S 15	18 42	20 41	2 11	8 25	2 58	12 27	1 22	6 45	1 33	4 31	1 25	21 2	0 21	21 20	0 32	11 42	1 48	5 26	14 6	22 51	22 58	22 9	8 36	1 39
S 16	18 56	18 10	3 8	8 58	2 55	12 52	1 21	6 38	1 31	4 31	1 25	21 1	0 21	21 20	0 32	11 41	1 48	5 26	14 6	22 51	22 58	22 9	8 37	1 39
M17	19 10	14 48	3 58	9 31	2 51	13 17	1 20	6 31	1 29	4 31	1 25	21 0	0 21	21 19	0 32	11 41	1 48	5 27	14 6	22 51	22 58	22 10	8 38	1 39
T 18	19 24	10 43	4 37	10 5	2 47	13 42	1 18	6 24	1 27	4 31	1 24	20 59	0 21	21 19	0 32	11 40	1 48	5 27	14 6	22 51	22 57	22 10	8 39	1 39
W19	19 37	6 3	5 4	10 40	2 42	14 6	1 17	6 16	1 25	4 31	1 24	20 58	0 21	21 19	0 32	11 40	1 48	5 27	14 6	22 51	22 57	22 11	8 40	1 39
T 20	19 50	0 58	5 16	11 16	2 37	14 29	1 15	6 9	1 23	4 31	1 24	20 57	0 21	21 18	0 32	11 39	1 48	5 28	14 6	22 51	22 57	22 11	8 41	1 39
F 21	20 2	4n20	5 10	11 52	2 31	14 53	1 14	6 1	1 21	4 30	1 24	20 56	0 21	21 18	0 32	11 39	1 48	5 28	14 6	22 51	22 57	22 12	8 42	1 39
S 22	20 15	9 34	4 46	12 29	2 24	15 16	1 12	5 53	1 19	4 30	1 24	20 55	0 21	21 17	0 32	11 38	1 48	5 28	14 6	22 51	22 56	22 12	8 44	1 39
S 23	20 26	14 26	4 2	13 6	2 18	15 38	1 11	5 45	1 17	4 30	1 23	20 54	0 21	21 17	0 32	11 38	1 48	5 28	14 6	22 51	22 56	22 12	8 45	1 39
M24	20 38	18 31	3 1	13 44	2 10	16 1	1 9	5 37	1 15	4 29	1 23	20 53	0 21	21 16	0 32	11 37	1 48	5 29	14 6	22 51	22 56	22 13	8 46	1 39
T 25	20 49	21 25	1 47	14 22	2 2	16 22	1 7	5 28	1 13	4 29	1 23	20 52	0 21	21 16	0 32	11 37	1 48	5 29	14 6	22 51	22 56	22 13	8 47	1 39
W26	21 0	22 46	0 25	15 1	1 54	16 44	1 6	5 20	1 11	4 28	1 23	20 51	0 21	21 15	0 32	11 37	1 48	5 29	14 6	22 51	22 55	22 14	8 48	1 39
T 27	21 10	22 26	0s58	15 39	1 46	17 5	1 4	5 11	1 9	4 27	1 22	20 50	0 21	21 15	0 32	11 36	1 48	5 30	14 6	22 51	22 55	22 14	8 49	1 39
F 28	21 20	20 32	2 16	16 18	1 36	17 26	1 2	5 2	1 7	4 26	1 22	20 49	0 21	21 14	0 32	11 36	1 48	5 30	14 6	22 51	22 55	22 14	8 50	1 39
S 29	21 30	17 19	3 24	16 56	1 27	17 46	1 0	4 53	1 5	4 26	1 22	20 48	0 21	21 14	0 32	11 35	1 48	5 30	14 6	22 51	22 54	22 15	8 51	1 39
S 30	21 40	13 11	4 17	17 34	1 17	18 5	0 58	4 43	1 4	4 25	1 22	20 46	0 22	21 13	0 32	11 35	1 48	5 30	14 6	22 51	22 54	22 15	8 52	1 39
M31	21n48	8n30	4s54	18n12	1s 7	18n25	0s56	4n34	1n 2	4n24	1n22	20n45	0n22	21n13	0n32	11s35	1n48	5n31	14s 6	22s51	22s54	22s16	8n53	1n39

Julian Day Number = 2496589.5, Delta T = 105.11 sec
Ecliptic obliquity = 23°25'22, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°27'49, Lahiri = 25°34'49

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ASTRODIENST EPHEMERIS for the year 2123
geocentric

JUNE 2123 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 3	10♊ 7'07	8♍24	28♉11	27♉33	21♍12	22♍ 6	28♋49	27♋19	5°R15	26♉ 1	17°R38	18♐ 8	4♐58	18♈49	T 1
W 2	16 40 0	11° 4'39	21°15	0♊12	28°47	21°32	22° 9	28°55	27°22	5♏14	26° 2	17♐37	18° 5	5° 4	18°51	W 2
T 3	16 43 56	12° 2'11	3♎46	2°15	0♊ 0	21°53	22°11	29° 1	27°25	5°12	26° 3	17°37	18° 2	5°11	18°54	T 3
F 4	16 47 53	12°59'41	16° 2	4°20	1°14	22°14	22°14	29° 7	27°28	5°11	26° 4	17°37	17°59	5°18	18°56	F 4
S 5	16 51 49	13°57'10	28° 6	6°26	2°27	22°36	22°17	29°14	27°31	5°10	26° 6	17°36	17°55	5°24	18°58	S 5
S 6	16 55 46	14°54'37	10♏ 2	8°34	3°41	22°58	22°20	29°20	27°33	5° 9	26° 7	17°36	17°52	5°31	19° 1	S 6
M 7	16 59 42	15°52'04	21°53	10°43	4°54	23°20	22°23	29°26	27°36	5° 8	26° 8	17°35	17°49	5°38	19° 3	M 7
T 8	17 3 39	16°49'29	3♐41	12°54	6° 8	23°43	22°26	29°33	27°39	5° 7	26°10	17°35	17°46	5°44	19° 5	T 8
W 9	17 7 35	17°46'54	15°29	15° 5	7°21	24° 6	22°30	29°39	27°42	5° 5	26°11	17°35	17°43	5°51	19° 7	W 9
T 10	17 11 32	18°44'18	27°19	17°17	8°35	24°29	22°34	29°45	27°45	5° 4	26°12	17°35	17°39	5°58	19°10	T 10
F 11	17 15 29	19°41'40	9♑15	19°29	9°48	24°53	22°38	29°52	27°48	5° 3	26°13	17°35	17°36	6° 4	19°12	F 11
S 12	17 19 25	20°39'03	21°17	21°41	11° 2	25°17	22°42	29°58	27°52	5° 2	26°15	17°35	17°33	6°11	19°14	S 12
S 13	17 23 22	21°36'24	3♒28	23°53	12°15	25°41	22°46	0♌ 5	27°55	5° 1	26°16	17°34	17°30	6°18	19°16	S 13
M14	17 27 18	22°33'45	15°52	26° 4	13°29	26° 6	22°50	0°12	27°58	5° 0	26°17	17°34	17°27	6°24	19°18	M14
T 15	17 31 15	23°31'05	28°30	28°15	14°42	26°31	22°55	0°18	28° 1	4°59	26°18	17°33	17°24	6°31	19°20	T 15
W16	17 35 11	24°28'25	11♓25	0♋24	15°56	26°56	22°59	0°25	28° 4	4°58	26°20	17°33	17°20	6°38	19°22	W16
T 17	17 39 8	25°25'44	24°41	2°33	17° 9	27°22	23° 4	0°32	28° 7	4°57	26°21	17°D33	17°17	6°44	19°24	T 17
F 18	17 43 4	26°23'03	8♈18	4°40	18°23	27°47	23° 9	0°39	28°11	4°57	26°22	17°33	17°14	6°51	19°25	F 18
S 19	17 47 1	27°20'22	22°18	6°45	19°36	28°13	23°14	0°46	28°14	4°56	26°23	17°33	17°11	6°57	19°27	S 19
S 20	17 50 58	28°17'40	6♉41	8°49	20°50	28°40	23°19	0°53	28°17	4°55	26°24	17°34	17° 8	7° 4	19°29	S 20
M21	17 54 54	29°14'58	21°23	10°51	22° 4	29° 6	23°25	1° 0	28°20	4°54	26°26	17°35	17° 5	7°11	19°31	M21
T 22	17 58 51	0♋12'16	6♊19	12°51	23°17	29°33	23°30	1° 7	28°24	4°53	26°27	17°36	17° 1	7°17	19°32	T 22
W23	18 2 47	1° 9'34	21°23	14°49	24°31	0♎ 0	23°36	1°14	28°27	4°53	26°28	17°R36	16°58	7°24	19°34	W23
T 24	18 6 44	2° 6'51	6♋26	16°45	25°44	0°28	23°42	1°21	28°30	4°52	26°29	17°35	16°55	7°31	19°35	T 24
F 25	18 10 40	3° 4'08	21°19	18°38	26°58	0°55	23°48	1°28	28°34	4°51	26°30	17°34	16°52	7°37	19°37	F 25
S 26	18 14 37	4° 1'24	5♌55	20°30	28°12	1°23	23°54	1°35	28°37	4°51	26°31	17°32	16°49	7°44	19°38	S 26
S 27	18 18 34	4°58'39	20° 7	22°19	29°25	1°52	24° 0	1°42	28°41	4°50	26°32	17°30	16°45	7°51	19°40	S 27
M28	18 22 30	5°55'54	3♍53	24° 6	0♋39	2°20	24° 7	1°49	28°44	4°49	26°33	17°28	16°42	7°57	19°41	M28
T 29	18 26 27	6°53'08	17°12	25°51	1°53	2°49	24°13	1°57	28°48	4°49	26°35	17°26	16°39	8° 4	19°43	T 29
W30	18 30 23	7♋50'22	0♎ 6	27♋34	3♋ 6	3♎18	24♍20	2♌ 4	28♋51	4♏48	26♉36	17♐25	16♐36	8♐11	19♈44	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n57	3n34	5s13	18n49	0s57	18n43	0s54	4n24	1n 0	4n23	1n21	20n44	0n22	21n12	0n32	11s34	1n48	5n31	14s 6	22s51	22s54	22s16	8n54	1n39
W 2	22 5	1s23	5 17	19 25	0 47	19 2	0 52	4 15	0 58	4 21	1 21	20 43	0 22	21 11	0 32	11 34	1 48	5 31	14 6	22 51	22 53	22 16	8 55	1 39
T 3	22 13	6 10	5 5	20 1	0 36	19 19	0 50	4 5	0 56	4 20	1 21	20 42	0 22	21 11	0 32	11 33	1 48	5 31	14 6	22 51	22 53	22 17	8 56	1 39
F 4	22 20	10 36	4 39	20 35	0 25	19 37	0 48	3 55	0 55	4 19	1 21	20 41	0 22	21 10	0 32	11 33	1 48	5 32	14 6	22 51	22 53	22 17	8 57	1 39
S 5	22 28	14 33	4 2	21 8	0 14	19 53	0 46	3 45	0 53	4 18	1 20	20 39	0 22	21 10	0 32	11 33	1 48	5 32	14 6	22 51	22 52	22 17	8 57	1 39
S 6	22 34	17 53	3 14	21 39	0 4	20 10	0 44	3 35	0 51	4 16	1 20	20 38	0 22	21 9	0 32	11 32	1 48	5 32	14 6	22 51	22 52	22 18	8 58	1 39
M 7	22 40	20 27	2 18	22 9	0n 7	20 25	0 41	3 24	0 50	4 15	1 20	20 37	0 22	21 9	0 32	11 32	1 48	5 32	14 6	22 51	22 52	22 18	8 59	1 39
T 8	22 46	22 8	1 17	22 37	0 18	20 40	0 39	3 14	0 48	4 13	1 20	20 36	0 22	21 8	0 32	11 32	1 47	5 32	14 6	22 51	22 52	22 18	9 0	1 39
W 9	22 52	22 50	0 12	23 3	0 28	20 55	0 37	3 3	0 47	4 12	1 20	20 34	0 22	21 7	0 32	11 31	1 47	5 33	14 7	22 51	22 51	22 19	9 1	1 39
T 10	22 57	22 30	0n54	23 27	0 38	21 9	0 35	2 53	0 45	4 10	1 19	20 33	0 22	21 7	0 32	11 31	1 47	5 33	14 7	22 51	22 51	22 19	9 2	1 39
F 11	23 1	21 9	1 58	23 48	0 48	21 22	0 32	2 42	0 43	4 8	1 19	20 32	0 22	21 6	0 32	11 31	1 47	5 33	14 7	22 51	22 51	22 19	9 3	1 39
S 12	23 6	18 50	2 57	24 6	0 57	21 35	0 30	2 31	0 42	4 6	1 19	20 30	0 22	21 5	0 32	11 30	1 47	5 33	14 7	22 51	22 50	22 20	9 3	1 39
S 13	23 9	15 40	3 48	24 22	1 5	21 47	0 28	2 20	0 40	4 4	1 19	20 29	0 22	21 5	0 32	11 30	1 47	5 33	14 7	22 51	22 50	22 20	9 4	1 39
M14	23 13	11 46	4 30	24 35	1 14	21 59	0 25	2 9	0 39	4 3	1 18	20 28	0 22	21 4	0 32	11 30	1 47	5 34	14 7	22 50	22 50	22 20	9 5	1 39
T 15	23 16	7 17	5 0	24 46	1 21	22 10	0 23	1 57	0 37	4 1	1 18	20 26	0 23	21 4	0 32	11 29	1 47	5 34	14 7	22 50	22 50	22 20	9 6	1 39
W16	23 18	2 24	5 16	24 53	1 28	22 20	0 21	1 46	0 36	3 59	1 18	20 25	0 23	21 3	0 32	11 29	1 47	5 34	14 7	22 50	22 49	22 21	9 6	1 39
T 17	23 21	2n42	5 15	24 58	1 34	22 30	0 18	1 35	0 34	3 56	1 18	20 23	0 23	21 2	0 32	11 29	1 47	5 34	14 7	22 50	22 49	22 21	9 7	1 39
F 18	23 22	7 50	4 57	25 0	1 40	22 39	0 16	1 23	0 33	3 54	1 18	20 22	0 23	21 2	0 32	11 29	1 47	5 34	14 7	22 50	22 49	22 21	9 8	1 39
S 19	23 24	12 43	4 21	24 59	1 44	22 47	0 14	1 11	0 32	3 52	1 17	20 21	0 23	21 1	0 32	11 28	1 47	5 34	14 8	22 50	22 48	22 22	9 9	1 39
S 20	23 25	17 1	3 28	24 56	1 48	22 55	0 11	1 0	0 30	3 50	1 17	20 19	0 23	21 0	0 32	11 28	1 47	5 34	14 8	22 51	22 48	22 22	9 9	1 39
M21	23 25	20 21	2 20	24 50	1 52	23 2	0 9	0 48	0 29	3 47	1 17	20 18	0 23	21 0	0 32	11 28	1 47	5 35	14 8	22 51	22 48	22 22	9 10	1 40
T 22	23 25	22 22	1 2	24 42	1 54	23 9	0 6	0 36	0 27	3 45	1 17	20 16	0 23	20 59	0 32	11 28	1 47	5 35	14 8	22 51	22 47	22 22	9 10	1 40
W23	23 25	22 48	0s21	24 31	1 56	23 15	0 4	0 24	0 26	3 43	1 17	20 15	0 23	20 58	0 32	11 28	1 47	5 35	14 8	22 51	22 47	22 23	9 11	1 40
T 24	23 24	21 34	1 43	24 19	1 57	23 20	0 2	0 12	0 25	3 40	1 16	20 13	0 23	20 58	0 31	11 27	1 47	5 35	14 8	22 51	22 47	22 23	9 12	1 40
F 25	23 23	18 50	2 56	24 4	1 57	23 24	0n 1	0s 1	0 23	3 38	1 16	20 12	0 23	20 57	0 31	11 27	1 47	5 35	14 8	22 51	22 46	22 23	9 12	1 40
S 26	23 22	14 57	3 57	23 47	1 57	23 28	0 3	0 13	0 22	3 35	1 16	20 10	0 23	20 56	0 31	11 27	1 47	5 35	14 8	22 50	22 46	22 23	9 13	1 40
S 27	23 20	10 19	4 41	23 29	1 56	23 31	0 6	0 25	0 21	3 32	1 16	20 9	0 23	20 55	0 31	11 27	1 47	5 35	14 9	22 50	22 46	22 23	9 13	1 40
M28	23 17	5 18	5 7	23 9	1 54	23 33	0 8	0 38	0 19	3 30	1 16	20 7	0 23	20 55	0 31	11 27	1 47	5 35	14 9	22 50	22 46	22 24	9 14	1 40
T 29	23 15	0 12	5 16	22 47	1 52	23 35	0 10	0 50	0 18	3 27	1 15	20 6	0 23	20 54	0 31	11 27	1 47	5 35	14 9	22 50	22 45	22 24	9 14	1 40
W30	23n11	4s45	5s 8	22n24	1n49	23n36	0n13	1s 3	0n17	3n24	1n15	20n 4	0n24	20n53	0n31	11s26	1n46	5n35	14s 9	22s50	22s45	22s24	9n15	1n40

Julian Day Number = 2496620.5, Delta T = 105.16 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°27'53, Lahiri = 25°34'53

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ASTRODIENST EPHEMERIS for the year 2123
geocentric

JULY 2123 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 34 20	8♋47'35	12♎38	29♋14	4♋20	3♎47	24♍27	2♌11	28♋55	4°R48	26♉37	17°D25	16♐33	8♐17	19♈45	T 1
F 2	18 38 16	9°44'48	24°53	0♌52	5°34	4°16	24°34	2°19	28°58	4♏47	26°38	17♐26	16°30	8°24	19°46	F 2
S 3	18 42 13	10°42'01	6♏54	2°28	6°47	4°46	24°41	2°26	29° 2	4°47	26°39	17°27	16°26	8°31	19°47	S 3
S 4	18 46 9	11°39'13	18°46	4° 2	8° 1	5°15	24°48	2°33	29° 5	4°46	26°40	17°29	16°23	8°37	19°48	S 4
M 5	18 50 6	12°36'25	0♐34	5°33	9°15	5°45	24°56	2°41	29° 9	4°46	26°41	17°30	16°20	8°44	19°49	M 5
T 6	18 54 3	13°33'36	12°21	7° 2	10°28	6°16	25° 3	2°48	29°12	4°46	26°42	17°R31	16°17	8°50	19°50	T 6
W 7	18 57 59	14°30'47	24°12	8°28	11°42	6°46	25°11	2°56	29°16	4°45	26°43	17°31	16°14	8°57	19°51	W 7
T 8	19 1 56	15°27'59	6♑ 9	9°53	12°56	7°17	25°18	3° 3	29°19	4°45	26°44	17°30	16°11	9° 4	19°52	T 8
F 9	19 5 52	16°25'10	18°14	11°15	14° 9	7°47	25°26	3°11	29°23	4°45	26°45	17°27	16° 7	9°10	19°53	F 9
S 10	19 9 49	17°22'21	0♒28	12°34	15°23	8°18	25°34	3°18	29°27	4°44	26°46	17°23	16° 4	9°17	19°54	S 10
S 11	19 13 45	18°19'33	12°54	13°51	16°37	8°50	25°42	3°26	29°30	4°44	26°46	17°18	16° 1	9°24	19°54	S 11
M12	19 17 42	19°16'44	25°33	15° 6	17°51	9°21	25°50	3°34	29°34	4°44	26°47	17°13	15°58	9°30	19°55	M12
T 13	19 21 38	20°13'56	8♓24	16°18	19° 4	9°52	25°59	3°41	29°37	4°44	26°48	17° 8	15°55	9°37	19°56	T 13
W14	19 25 35	21°11'08	21°30	17°27	20°18	10°24	26° 7	3°49	29°41	4°44	26°49	17° 4	15°51	9°44	19°56	W14
T 15	19 29 32	22° 8'21	4♈51	18°34	21°32	10°56	26°16	3°56	29°45	4°44	26°50	17° 1	15°48	9°50	19°57	T 15
F 16	19 33 28	23° 5'34	18°27	19°37	22°46	11°28	26°24	4° 4	29°48	4°44	26°51	17°D 0	15°45	9°57	19°57	F 16
S 17	19 37 25	24° 2'48	2♉20	20°38	24° 0	12° 1	26°33	4°12	29°52	4°D44	26°52	17° 0	15°42	10° 4	19°57	S 17
S 18	19 41 21	25° 0'02	16°29	21°36	25°13	12°33	26°42	4°19	29°56	4°44	26°52	17° 1	15°39	10°10	19°58	S 18
M19	19 45 18	25°57'17	0♊53	22°31	26°27	13° 6	26°51	4°27	29°59	4°44	26°53	17° 2	15°36	10°17	19°58	M19
T 20	19 49 14	26°54'33	15°29	23°23	27°41	13°38	27° 0	4°35	0♌ 3	4°44	26°54	17°R 3	15°32	10°23	19°58	T 20
W21	19 53 11	27°51'50	0♋13	24°11	28°55	14°11	27° 9	4°42	0° 7	4°44	26°55	17° 3	15°29	10°30	19°58	W21
T 22	19 57 7	28°49'07	15° 0	24°56	0♌ 9	14°45	27°18	4°50	0°10	4°44	26°55	17° 0	15°26	10°37	19°59	T 22
F 23	20 1 4	29°46'24	29°41	25°37	1°23	15°18	27°28	4°58	0°14	4°44	26°56	16°56	15°23	10°43	19°59	F 23
S 24	20 5 1	0♌43'42	14♌10	26°14	2°37	15°51	27°37	5° 6	0°18	4°44	26°57	16°50	15°20	10°50	19°R59	S 24
S 25	20 8 57	1°41'00	28°19	26°48	3°51	16°25	27°47	5°13	0°21	4°45	26°58	16°43	15°17	10°57	19°59	S 25
M26	20 12 54	2°38'19	12♍ 6	27°17	5° 5	16°59	27°56	5°21	0°25	4°45	26°58	16°36	15°13	11° 3	19°59	M26
T 27	20 16 50	3°35'38	25°28	27°42	6°19	17°33	28° 6	5°29	0°29	4°45	26°59	16°29	15°10	11°10	19°58	T 27
W28	20 20 47	4°32'58	8♎24	28° 3	7°32	18° 7	28°16	5°37	0°32	4°46	26°59	16°24	15° 7	11°17	19°58	W28
T 29	20 24 43	5°30'18	20°58	28°19	8°46	18°41	28°26	5°44	0°36	4°46	27° 0	16°21	15° 4	11°23	19°58	T 29
F 30	20 28 40	6°27'38	3♏13	28°30	10° 0	19°16	28°36	5°52	0°40	4°46	27° 1	16°D20	15° 1	11°30	19°58	F 30
S 31	20 32 36	7♌24'59	15♏14	28♌37	11♌14	19♎50	28♍46	6♌ 0	0♌43	4♏47	27♉ 1	16♐20	14♐57	11♐37	19♈57	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 8	9s23	4s46	22n 0	1n45	23n36	0n15	1s16	0n16	3n21	1n15	20n 3	0n24	20n53	0n31	11s26	1n46	5n36	14s 9	22s50	22s45	22s24	9n15	1n40
F 2	23 4	13 31	4 11	21 35	1 40	23 36	0 17	1 29	0 14	3 18	1 15	20 1	0 24	20 52	0 31	11 26	1 46	5 36	14 9	22 50	22 44	22 24	9 16	1 40
S 3	22 59	17 3	3 26	21 9	1 35	23 35	0 20	1 41	0 13	3 15	1 15	19 59	0 24	20 51	0 31	11 26	1 46	5 36	14 10	22 50	22 44	22 25	9 16	1 40
S 4	22 55	19 50	2 32	20 41	1 30	23 33	0 22	1 54	0 12	3 12	1 14	19 58	0 24	20 50	0 31	11 26	1 46	5 36	14 10	22 50	22 44	22 25	9 17	1 40
M 5	22 50	21 45	1 32	20 13	1 24	23 30	0 24	2 7	0 11	3 9	1 14	19 56	0 24	20 50	0 31	11 26	1 46	5 36	14 10	22 50	22 43	22 25	9 17	1 40
T 6	22 44	22 44	0 28	19 45	1 17	23 27	0 27	2 20	0 9	3 6	1 14	19 54	0 24	20 49	0 31	11 26	1 46	5 36	14 10	22 50	22 43	22 25	9 18	1 40
W 7	22 38	22 41	0n37	19 15	1 10	23 23	0 29	2 33	0 8	3 3	1 14	19 53	0 24	20 48	0 31	11 26	1 46	5 36	14 10	22 50	22 43	22 25	9 18	1 40
T 8	22 32	21 36	1 41	18 45	1 2	23 19	0 31	2 47	0 7	3 0	1 14	19 51	0 24	20 47	0 31	11 26	1 46	5 36	14 11	22 50	22 42	22 25	9 18	1 40
F 9	22 25	19 32	2 41	18 15	0 54	23 13	0 33	3 0	0 6	2 56	1 14	19 49	0 24	20 47	0 31	11 26	1 46	5 36	14 11	22 50	22 42	22 26	9 19	1 40
S 10	22 18	16 33	3 34	17 45	0 45	23 7	0 35	3 13	0 5	2 53	1 13	19 48	0 24	20 46	0 31	11 26	1 46	5 36	14 11	22 49	22 42	22 26	9 19	1 40
S 11	22 10	12 48	4 18	17 14	0 36	23 1	0 38	3 26	0 4	2 50	1 13	19 46	0 24	20 45	0 31	11 26	1 46	5 36	14 11	22 49	22 41	22 26	9 19	1 40
M12	22 2	8 26	4 50	16 43	0 26	22 53	0 40	3 40	0 3	2 46	1 13	19 44	0 24	20 44	0 31	11 26	1 46	5 36	14 11	22 49	22 41	22 26	9 19	1 40
T 13	21 54	3 38	5 8	16 12	0 16	22 45	0 42	3 53	0 1	2 43	1 13	19 43	0 24	20 44	0 31	11 26	1 46	5 36	14 11	22 48	22 41	22 26	9 20	1 40
W14	21 45	1n24	5 11	15 41	0 6	22 37	0 44	4 7	0 0	2 39	1 13	19 41	0 25	20 43	0 31	11 26	1 46	5 36	14 12	22 48	22 40	22 26	9 20	1 40
T 15	21 36	6 28	4 57	15 11	0s 5	22 27	0 46	4 20	0s 1	2 36	1 13	19 39	0 25	20 42	0 31	11 26	1 46	5 36	14 12	22 47	22 40	22 26	9 20	1 40
F 16	21 27	11 20	4 26	14 40	0 16	22 17	0 48	4 34	0 2	2 32	1 12	19 38	0 25	20 41	0 31	11 26	1 46	5 36	14 12	22 47	22 40	22 27	9 20	1 40
S 17	21 17	15 43	3 40	14 10	0 28	22 7	0 50	4 47	0 3	2 29	1 12	19 36	0 25	20 41	0 31	11 26	1 46	5 36	14 12	22 47	22 39	22 27	9 20	1 40
S 18	21 7	19 17	2 39	13 40	0 40	21 55	0 52	5 1	0 4	2 25	1 12	19 34	0 25	20 40	0 31	11 26	1 45	5 36	14 13	22 47	22 39	22 27	9 21	1 40
M19	20 56	21 44	1 27	13 11	0 52	21 43	0 54	5 15	0 5	2 21	1 12	19 32	0 25	20 39	0 31	11 26	1 45	5 36	14 13	22 48	22 39	22 27	9 21	1 40
T 20	20 46	22 46	0 9	12 42	1 4	21 31	0 55	5 28	0 6	2 17	1 12	19 31	0 25	20 38	0 31	11 26	1 45	5 36	14 13	22 48	22 38	22 27	9 21	1 40
W21	20 34	22 14	1s11	12 15	1 17	21 18	0 57	5 42	0 7	2 14	1 12	19 29	0 25	20 38	0 31	11 26	1 45	5 35	14 13	22 48	22 38	22 27	9 21	1 40
T 22	20 23	20 10	2 26	11 48	1 30	21 4	0 59	5 56	0 8	2 10	1 11	19 27	0 25	20 37	0 32	11 26	1 45	5 35	14 13	22 47	22 38	22 27	9 21	1 40
F 23	20 11	16 46	3 30	11 22	1 43	20 49	1 1	6 10	0 9	2 6	1 11	19 25	0 25	20 36	0 32	11 26	1 45	5 35	14 14	22 47	22 37	22 27	9 21	1 40
S 24	19 59	12 25	4 20	10 57	1 56	20 34	1 2	6 23	0 10	2 2	1 11	19 23	0 25	20 35	0 32	11 26	1 45	5 35	14 14	22 46	22 37	22 27	9 21	1 40
S 25	19 46	7 28	4 53	10 33	2 9	20 19	1 4	6 37	0 11	1 58	1 11	19 22	0 25	20 34	0 32	11 27	1 45	5 35	14 14	22 46	22 37	22 27	9 21	1 40
M26	19 33	2 16	5 8	10 10	2 23	20 3	1 5	6 51	0 12	1 54	1 11	19 20	0 26	20 34	0 32	11 27	1 45	5 35	14 14	22 45	22 36	22 27	9 21	1 40
T 27	19 20	2s52	5 5	9 49	2 36	19 46	1 7	7 5	0 13	1 50	1 11	19 18	0 26	20 33	0 32	11 27	1 45	5 35	14 15	22 44	22 36	22 27	9 21	1 40
W28	19 7	7 43	4 46	9 30	2 49	19 28	1 8	7 19	0 14	1 46	1 11	19 16	0 26	20 32	0 32	11 27	1 45	5 35	14 15	22 44	22 36	22 27	9 21	1 40
T 29	18 53	12 6	4 15	9 12	3 3	19 11	1 10	7 33	0 15	1 42	1 10	19 14	0 26	20 31	0 32	11 27	1 45	5 35	14 15	22 43	22 35	22 27	9 21	1 40
F 30	18 39	15 53	3 32	8 56	3 16	18 52	1 11	7 47	0 16	1 38	1 10	19 13	0 26	20 30	0 32	11 27	1 45	5 35	14 15	22 43	22 35	22 28	9 21	1 40
S 31	18n24	18s56	2s40	8n42	3s28	18n33	1n13	8s 1	0s17	1n34	1n10	19n11	0n26	20n30	0n32	11s28	1n45	5n35	14s16	22s43	22s34	22s28	9n21	1n40

Julian Day Number = 2496650.5, Delta T = 105.21 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°27'57, Lahiri = 25°34'57

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ASTRODIENST EPHEMERIS for the year 2123
geocentric

AUGUST 2123 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 36 33	8♌22'20	27♏ 5	28°R38	12♌28	20♎25	28♍56	6♌ 8	0♌47	4♏47	27♉ 2	16♐22	14♐54	11♐43	19°R57	S 1
M 2	20 40 30	9°19'42	8♐53	28♌34	13°42	21° 0	29° 6	6°15	0°51	4°48	27° 2	16°23	14°51	11°50	19♈56	M 2
T 3	20 44 26	10°17'05	20°43	28°25	14°56	21°35	29°17	6°23	0°54	4°48	27° 3	16°R23	14°48	11°57	19°56	T 3
W 4	20 48 23	11°14'28	2♑37	28°11	16°10	22°10	29°27	6°31	0°58	4°49	27° 3	16°21	14°45	12° 3	19°55	W 4
T 5	20 52 19	12°11'52	14°41	27°52	17°24	22°46	29°38	6°39	1° 2	4°49	27° 4	16°18	14°42	12°10	19°55	T 5
F 6	20 56 16	13° 9'16	26°57	27°28	18°38	23°21	29°48	6°46	1° 5	4°50	27° 4	16°12	14°38	12°16	19°54	F 6
S 7	21 0 12	14° 6'42	9♒27	26°59	19°52	23°57	29°59	6°54	1° 9	4°51	27° 5	16° 4	14°35	12°23	19°53	S 7
S 8	21 4 9	15° 4'08	22°11	26°26	21° 6	24°32	0♎10	7° 2	1°12	4°51	27° 5	15°54	14°32	12°30	19°53	S 8
M 9	21 8 5	16° 1'35	5♓10	25°49	22°20	25° 8	0°20	7° 9	1°16	4°52	27° 5	15°44	14°29	12°36	19°52	M 9
T 10	21 12 2	16°59'04	18°22	25° 7	23°34	25°44	0°31	7°17	1°20	4°53	27° 6	15°34	14°26	12°43	19°51	T 10
W11	21 15 59	17°56'33	1♈47	24°23	24°48	26°20	0°42	7°25	1°23	4°54	27° 6	15°25	14°23	12°50	19°50	W11
T 12	21 19 55	18°54'04	15°22	23°37	26° 2	26°57	0°53	7°32	1°27	4°54	27° 7	15°19	14°19	12°56	19°49	T 12
F 13	21 23 52	19°51'36	29° 7	22°49	27°17	27°33	1° 4	7°40	1°30	4°55	27° 7	15°15	14°16	13° 3	19°48	F 13
S 14	21 27 48	20°49'10	13♉ 1	22° 0	28°31	28°10	1°16	7°48	1°34	4°56	27° 7	15°13	14°13	13°10	19°47	S 14
S 15	21 31 45	21°46'45	27° 4	21°11	29°45	28°46	1°27	7°55	1°37	4°57	27° 7	15°D13	14°10	13°16	19°46	S 15
M16	21 35 41	22°44'21	11♊14	20°24	0♍59	29°23	1°38	8° 3	1°41	4°58	27° 8	15°R13	14° 7	13°23	19°45	M16
T 17	21 39 38	23°42'00	25°31	19°38	2°13	29°59	1°50	8°10	1°44	4°59	27° 8	15°13	14° 3	13°30	19°43	T 17
W18	21 43 34	24°39'39	9♋53	18°56	3°27	0♏37	2° 1	8°18	1°48	5° 0	27° 8	15°11	14° 0	13°36	19°42	W18
T 19	21 47 31	25°37'20	24°15	18°17	4°41	1°14	2°13	8°25	1°51	5° 1	27° 8	15° 6	13°57	13°43	19°41	T 19
F 20	21 51 28	26°35'03	8♌34	17°44	5°55	1°52	2°24	8°33	1°55	5° 2	27° 8	14°59	13°54	13°49	19°40	F 20
S 21	21 55 24	27°32'47	22°43	17°15	7° 9	2°29	2°36	8°40	1°58	5° 3	27° 9	14°49	13°51	13°56	19°38	S 21
S 22	21 59 21	28°30'32	6♍39	16°53	8°24	3° 6	2°47	8°48	2° 2	5° 4	27° 9	14°38	13°48	14° 3	19°37	S 22
M23	22 3 17	29°28'18	20°16	16°37	9°38	3°44	2°59	8°55	2° 5	5° 5	27° 9	14°26	13°44	14° 9	19°35	M23
T 24	22 7 14	0♍26'06	3♎31	16°28	10°52	4°22	3°11	9° 3	2° 8	5° 7	27° 9	14°16	13°41	14°16	19°34	T 24
W25	22 11 10	1°23'55	16°25	16°D27	12° 6	5° 0	3°23	9°10	2°12	5° 8	27° 9	14° 7	13°38	14°23	19°32	W25
T 26	22 15 7	2°21'45	28°57	16°34	13°20	5°38	3°35	9°18	2°15	5° 9	27° 9	14° 0	13°35	14°29	19°30	T 26
F 27	22 19 3	3°19'36	11♏12	16°48	14°34	6°16	3°47	9°25	2°18	5°10	27° 9	13°56	13°32	14°36	19°29	F 27
S 28	22 23 0	4°17'29	23°13	17°10	15°49	6°54	3°59	9°32	2°21	5°11	27°R 9	13°55	13°29	14°43	19°27	S 28
S 29	22 26 57	5°15'23	5♐ 4	17°40	17° 3	7°33	4°11	9°39	2°25	5°13	27° 9	13°D54	13°25	14°49	19°25	S 29
M30	22 30 53	6°13'18	16°53	18°18	18°17	8°11	4°23	9°47	2°28	5°14	27° 9	13°R54	13°22	14°56	19°23	M30
T 31	22 34 50	7♍11'15	28♐43	19♌ 4	19♍31	8♏50	4♎35	9♌54	2♌31	5♏15	27♉ 9	13♐54	13♐19	15♐ 3	19♈22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 9	21s 9	1s42	8n30	3s40	18n14	1n14	8s15	0s18	1n30	1n10	19n 9	0n26	20n29	0n32	11s28	1n45	5n34	14s16	22s43	22s34	22s28	9n21	1n40
M 2	17 54	22 26	0 40	8 20	3 52	17 54	1 15	8 29	0 19	1 25	1 10	19 7	0 26	20 28	0 32	11 28	1 45	5 34	14 16	22 44	22 34	22 28	9 20	1 40
T 3	17 39	22 43	0n23	8 12	4 3	17 33	1 16	8 43	0 19	1 21	1 10	19 5	0 26	20 27	0 32	11 28	1 45	5 34	14 16	22 44	22 33	22 28	9 20	1 40
W 4	17 24	21 58	1 26	8 7	4 14	17 12	1 17	8 57	0 20	1 17	1 10	19 3	0 26	20 27	0 32	11 28	1 45	5 34	14 17	22 43	22 33	22 28	9 20	1 40
T 5	17 8	20 12	2 26	8 5	4 23	16 51	1 18	9 11	0 21	1 13	1 9	19 2	0 26	20 26	0 32	11 29	1 44	5 34	14 17	22 43	22 33	22 28	9 20	1 40
F 6	16 51	17 29	3 20	8 5	4 32	16 29	1 19	9 24	0 22	1 8	1 9	19 0	0 26	20 25	0 32	11 29	1 44	5 34	14 17	22 42	22 32	22 28	9 20	1 40
S 7	16 35	13 56	4 5	8 8	4 39	16 7	1 20	9 38	0 23	1 4	1 9	18 58	0 27	20 24	0 32	11 29	1 44	5 34	14 17	22 42	22 32	22 28	9 19	1 40
S 8	16 18	9 42	4 39	8 14	4 45	15 44	1 21	9 52	0 24	1 0	1 9	18 56	0 27	20 23	0 32	11 30	1 44	5 33	14 18	22 41	22 32	22 28	9 19	1 40
M 9	16 1	4 58	4 59	8 22	4 49	15 21	1 22	10 6	0 25	0 55	1 9	18 54	0 27	20 23	0 32	11 30	1 44	5 33	14 18	22 40	22 31	22 28	9 19	1 40
T 10	15 44	0n 4	5 4	8 32	4 52	14 57	1 22	10 20	0 26	0 51	1 9	18 52	0 27	20 22	0 32	11 30	1 44	5 33	14 18	22 38	22 31	22 28	9 18	1 40
W11	15 27	5 10	4 52	8 46	4 54	14 33	1 23	10 34	0 26	0 46	1 9	18 50	0 27	20 21	0 32	11 30	1 44	5 33	14 18	22 38	22 31	22 28	9 18	1 40
T 12	15 9	10 6	4 24	9 1	4 53	14 9	1 24	10 48	0 27	0 42	1 9	18 48	0 27	20 20	0 32	11 31	1 44	5 33	14 19	22 37	22 30	22 27	9 18	1 40
F 13	14 51	14 35	3 40	9 19	4 51	13 44	1 24	11 2	0 28	0 37	1 9	18 47	0 27	20 20	0 32	11 31	1 44	5 32	14 19	22 36	22 30	22 27	9 17	1 40
S 14	14 33	18 19	2 43	9 38	4 47	13 18	1 25	11 16	0 29	0 33	1 8	18 45	0 27	20 19	0 32	11 31	1 44	5 32	14 19	22 36	22 29	22 27	9 17	1 40
S 15	14 14	21 2	1 35	9 59	4 41	12 53	1 25	11 30	0 30	0 28	1 8	18 43	0 27	20 18	0 32	11 32	1 44	5 32	14 19	22 36	22 29	22 27	9 17	1 40
M16	13 56	22 28	0 21	10 21	4 33	12 27	1 25	11 43	0 30	0 24	1 8	18 41	0 27	20 17	0 32	11 32	1 44	5 32	14 20	22 36	22 29	22 27	9 16	1 41
T 17	13 37	22 26	0s55	10 45	4 23	12 1	1 26	11 57	0 31	0 19	1 8	18 39	0 27	20 17	0 32	11 33	1 44	5 32	14 20	22 36	22 28	22 27	9 16	1 41
W18	13 18	20 56	2 7	11 8	4 12	11 34	1 26	12 11	0 32	0 14	1 8	18 37	0 28	20 16	0 32	11 33	1 44	5 31	14 20	22 36	22 28	22 27	9 15	1 41
T 19	12 58	18 6	3 12	11 32	4 0	11 7	1 26	12 25	0 33	0 10	1 8	18 35	0 28	20 15	0 32	11 33	1 44	5 31	14 21	22 35	22 28	22 27	9 15	1 41
F 20	12 39	14 11	4 4	11 56	3 46	10 40	1 26	12 38	0 34	0 5	1 8	18 34	0 28	20 14	0 32	11 34	1 44	5 31	14 21	22 35	22 27	22 27	9 14	1 41
S 21	12 19	9 31	4 40	12 19	3 30	10 13	1 26	12 52	0 34	0 0	1 8	18 32	0 28	20 14	0 32	11 34	1 44	5 31	14 21	22 34	22 27	22 27	9 14	1 41
S 22	11 59	4 26	4 59	12 41	3 14	9 45	1 26	13 5	0 35	0s 4	1 8	18 30	0 28	20 13	0 32	11 35	1 44	5 30	14 21	22 32	22 26	22 27	9 13	1 41
M23	11 39	0s45	5 0	13 2	2 57	9 17	1 26	13 19	0 36	0 9	1 8	18 28	0 28	20 12	0 32	11 35	1 44	5 30	14 22	22 31	22 26	22 27	9 13	1 41
T 24	11 19	5 46	4 45	13 21	2 40	8 49	1 26	13 32	0 37	0 14	1 8	18 26	0 28	20 11	0 32	11 35	1 43	5 30	14 22	22 30	22 26	22 27	9 12	1 41
W25	10 58	10 23	4 16	13 38	2 22	8 20	1 26	13 46	0 37	0 19	1 7	18 24	0 28	20 11	0 32	11 36	1 43	5 30	14 22	22 29	22 25	22 27	9 11	1 41
T 26	10 38	14 26	3 35	13 54	2 4	7 52	1 25	13 59	0 38	0 23	1 7	18 22	0 28	20 10	0 32	11 36	1 43	5 29	14 22	22 28	22 25	22 26	9 11	1 41
F 27	10 17	17 47	2 44	14 7	1 46	7 23	1 25	14 13	0 39	0 28	1 7	18 21	0 28	20 9	0 32	11 37	1 43	5 29	14 23	22 27	22 24	22 26	9 10	1 41
S 28	9 56	20 18	1 48	14 17	1 28	6 53	1 25	14 26	0 39	0 33	1 7	18 19	0 29	20 8	0 32	11 37	1 43	5 29	14 23	22 27	22 24	22 26	9 9	1 41
S 29	9 35	21 54	0 47	14 25	1 10	6 24	1 24	14 39	0 40	0 38	1 7	18 17	0 29	20 8	0 32	11 38	1 43	5 29	14 23	22 27	22 24	22 26	9 9	1 41
M30	9 13	22 31	0n16	14 30	0 53	5 55	1 23	14 52	0 41	0 43	1 7	18 15	0 29	20 7	0 32	11 38	1 43	5 28	14 24	22 27	22 23	22 26	9 8	1 41
T 31	8n52	22s 7	1n18	14n32	0s36	5n25	1n23	15s 5	0s41	0s48	1n 7	18n13	0n29	20n 6	0n32	11s39	1n43	5n28	14s24	22s27	22s23	22s26	9n 7	1n40

Julian Day Number = 2496681.5, Delta T = 105.26 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°28'01, Lahiri = 25°35'02

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ASTRODIENST EPHEMERIS for the year 2123
geocentric

SEPTEMBER 2123 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 38 46	8♍ 9'13	10♉41	19♌57	20♍45	9♏28	4♎47	10♌ 1	2♌34	5♏17	27°R 9	13°R51	13♐16	15♐ 9	19°R20	W 1
T 2	22 42 43	9° 7'12	22°50	20°57	21°59	10° 7	4°59	10° 8	2°37	5°18	27♉ 9	13♐47	13°13	15°16	19♈18	T 2
F 3	22 46 39	10° 5'13	5♒15	22° 3	23°14	10°46	5°12	10°15	2°40	5°20	27° 9	13°39	13° 9	15°22	19°16	F 3
S 4	22 50 36	11° 3'15	17°58	23°17	24°28	11°25	5°24	10°22	2°44	5°21	27° 8	13°29	13° 6	15°29	19°14	S 4
S 5	22 54 32	12° 1'18	1♓ 0	24°36	25°42	12° 4	5°36	10°29	2°47	5°23	27° 8	13°18	13° 3	15°36	19°12	S 5
M 6	22 58 29	12°59'23	14°20	26° 0	26°56	12°44	5°49	10°36	2°50	5°24	27° 8	13° 5	13° 0	15°42	19°10	M 6
T 7	23 2 26	13°57'30	27°56	27°30	28°10	13°23	6° 1	10°43	2°53	5°26	27° 8	12°53	12°57	15°49	19° 8	T 7
W 8	23 6 22	14°55'38	11♈46	29° 4	29°24	14° 2	6°13	10°50	2°56	5°27	27° 8	12°42	12°54	15°56	19° 5	W 8
T 9	23 10 19	15°53'49	25°44	0♍42	0♎38	14°42	6°26	10°57	2°59	5°29	27° 7	12°34	12°50	16° 2	19° 3	T 9
F 10	23 14 15	16°52'01	9♉48	2°24	1°53	15°22	6°38	11° 4	3° 1	5°30	27° 7	12°29	12°47	16° 9	19° 1	F 10
S 11	23 18 12	17°50'15	23°55	4° 9	3° 7	16° 1	6°51	11°10	3° 4	5°32	27° 7	12°26	12°44	16°16	18°59	S 11
S 12	23 22 8	18°48'32	8♊ 3	5°56	4°21	16°41	7° 4	11°17	3° 7	5°34	27° 7	12°25	12°41	16°22	18°57	S 12
M13	23 26 5	19°46'51	22°10	7°45	5°35	17°21	7°16	11°24	3°10	5°35	27° 6	12°25	12°38	16°29	18°54	M13
T 14	23 30 1	20°45'11	6♋15	9°35	6°49	18° 1	7°29	11°30	3°13	5°37	27° 6	12°25	12°34	16°36	18°52	T 14
W15	23 33 58	21°43'34	20°18	11°27	8° 4	18°41	7°42	11°37	3°15	5°39	27° 6	12°22	12°31	16°42	18°50	W15
T 16	23 37 55	22°41'59	4♌17	13°20	9°18	19°22	7°54	11°44	3°18	5°40	27° 5	12°17	12°28	16°49	18°47	T 16
F 17	23 41 51	23°40'26	18°10	15°13	10°32	20° 2	8° 7	11°50	3°21	5°42	27° 5	12°10	12°25	16°56	18°45	F 17
S 18	23 45 48	24°38'55	1♍55	17° 6	11°46	20°43	8°20	11°56	3°23	5°44	27° 4	11°59	12°22	17° 2	18°42	S 18
S 19	23 49 44	25°37'26	15°28	19° 0	13° 0	21°23	8°33	12° 3	3°26	5°46	27° 4	11°48	12°19	17° 9	18°40	S 19
M20	23 53 41	26°35'59	28°46	20°53	14°14	22° 4	8°45	12° 9	3°29	5°48	27° 3	11°35	12°15	17°15	18°37	M20
T 21	23 57 37	27°34'34	11♎47	22°46	15°29	22°45	8°58	12°15	3°31	5°49	27° 3	11°24	12°12	17°22	18°35	T 21
W22	0 1 34	28°33'10	24°30	24°38	16°43	23°26	9°11	12°21	3°34	5°51	27° 2	11°14	12° 9	17°29	18°32	W22
T 23	0 5 30	29°31'49	6♏56	26°30	17°57	24° 7	9°24	12°28	3°36	5°53	27° 2	11° 7	12° 6	17°35	18°30	T 23
F 24	0 9 27	0♎30'29	19° 7	28°21	19°11	24°48	9°37	12°34	3°38	5°55	27° 1	11° 2	12° 3	17°42	18°27	F 24
S 25	0 13 23	1°29'11	1♐ 6	0♎12	20°25	25°29	9°50	12°40	3°41	5°57	27° 1	11° 0	12° 0	17°49	18°24	S 25
S 26	0 17 20	2°27'55	12°57	2° 1	21°39	26°10	10° 3	12°46	3°43	5°59	27° 0	10°D59	11°56	17°55	18°22	S 26
M27	0 21 17	3°26'41	24°44	3°50	22°54	26°51	10°16	12°51	3°45	6° 1	27° 0	11° 0	11°53	18° 2	18°19	M27
T 28	0 25 13	4°25'28	6♉34	5°38	24° 8	27°33	10°28	12°57	3°48	6° 3	26°59	11°R 0	11°50	18° 9	18°17	T 28
W29	0 29 10	5°24'17	18°32	7°24	25°22	28°14	10°41	13° 3	3°50	6° 5	26°58	10°59	11°47	18°15	18°14	W29
T 30	0 33 6	6♎23'07	0♒43	9♎10	26♎36	28♏56	10♎54	13♌ 9	3♌52	6♏ 7	26♉58	10♐56	11♐44	18♐22	18♈11	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n30	20s43	2n17	14n31	0s20	4n55	1n22	15s18	0s42	0s53	1n 7	18n11	0n29	20n 6	0n32	11s39	1n43	5n28	14s24	22s27	22s23	22s26	9n 7	1n40
T 2	8 9	18 21	3 11	14 26	0 4	4 25	1 21	15 31	0 43	0 57	1 7	18 10	0 29	20 5	0 32	11 40	1 43	5 28	14 24	22 26	22 22	22 25	9 6	1 40
F 3	7 47	15 7	3 56	14 18	0n10	3 55	1 21	15 44	0 43	1 2	1 7	18 8	0 29	20 4	0 32	11 40	1 43	5 27	14 25	22 25	22 22	22 25	9 5	1 40
S 4	7 25	11 7	4 32	14 7	0 24	3 25	1 20	15 57	0 44	1 7	1 7	18 6	0 29	20 4	0 32	11 41	1 43	5 27	14 25	22 24	22 21	22 25	9 4	1 40
S 5	7 3	6 32	4 54	13 53	0 36	2 55	1 19	16 9	0 45	1 12	1 7	18 4	0 29	20 3	0 32	11 41	1 43	5 27	14 25	22 23	22 21	22 25	9 4	1 40
M 6	6 41	1 32	5 0	13 36	0 48	2 24	1 18	16 22	0 45	1 17	1 7	18 2	0 30	20 2	0 32	11 42	1 43	5 26	14 25	22 21	22 21	22 25	9 3	1 40
T 7	6 18	3n37	4 50	13 15	0 59	1 54	1 17	16 35	0 46	1 22	1 7	18 1	0 30	20 2	0 32	11 42	1 43	5 26	14 26	22 20	22 20	22 25	9 2	1 40
W 8	5 56	8 41	4 23	12 51	1 8	1 23	1 15	16 47	0 47	1 27	1 6	17 59	0 30	20 1	0 32	11 43	1 43	5 26	14 26	22 18	22 20	22 24	9 1	1 40
T 9	5 34	13 21	3 40	12 25	1 17	0 53	1 14	16 59	0 47	1 32	1 6	17 57	0 30	20 0	0 32	11 43	1 43	5 26	14 26	22 17	22 19	22 24	9 0	1 40
F 10	5 11	17 19	2 43	11 55	1 24	0 22	1 13	17 12	0 48	1 37	1 6	17 55	0 30	20 0	0 32	11 44	1 43	5 25	14 26	22 17	22 19	22 24	8 59	1 40
S 11	4 48	20 18	1 36	11 23	1 30	0s 9	1 12	17 24	0 48	1 42	1 6	17 54	0 30	19 59	0 32	11 45	1 43	5 25	14 27	22 16	22 19	22 24	8 59	1 40
S 12	4 25	22 1	0 23	10 49	1 36	0 39	1 10	17 36	0 49	1 47	1 6	17 52	0 30	19 58	0 32	11 45	1 43	5 25	14 27	22 16	22 18	22 24	8 58	1 40
M13	4 3	22 20	0s51	10 13	1 40	1 10	1 9	17 48	0 50	1 52	1 6	17 50	0 30	19 58	0 32	11 46	1 43	5 24	14 27	22 16	22 18	22 23	8 57	1 40
T 14	3 40	21 14	2 3	9 34	1 44	1 41	1 7	18 0	0 50	1 57	1 6	17 48	0 31	19 57	0 32	11 46	1 43	5 24	14 27	22 16	22 17	22 23	8 56	1 40
W15	3 17	18 49	3 6	8 54	1 46	2 11	1 6	18 11	0 51	2 2	1 6	17 47	0 31	19 56	0 32	11 47	1 42	5 24	14 28	22 16	22 17	22 23	8 55	1 40
T 16	2 54	15 19	3 58	8 12	1 48	2 42	1 4	18 23	0 51	2 7	1 6	17 45	0 31	19 56	0 33	11 48	1 42	5 23	14 28	22 15	22 16	22 23	8 54	1 40
F 17	2 31	11 0	4 36	7 30	1 49	3 13	1 2	18 34	0 52	2 12	1 6	17 43	0 31	19 55	0 33	11 48	1 42	5 23	14 28	22 14	22 16	22 23	8 53	1 40
S 18	2 7	6 10	4 57	6 46	1 49	3 43	1 1	18 46	0 53	2 17	1 6	17 42	0 31	19 55	0 33	11 49	1 42	5 23	14 28	22 13	22 16	22 22	8 52	1 40
S 19	1 44	1 6	5 1	6 1	1 48	4 14	0 59	18 57	0 53	2 22	1 6	17 40	0 31	19 54	0 33	11 49	1 42	5 22	14 29	22 11	22 15	22 22	8 51	1 40
M20	1 21	3s55	4 48	5 15	1 47	4 44	0 57	19 8	0 54	2 28	1 6	17 38	0 31	19 54	0 33	11 50	1 42	5 22	14 29	22 9	22 15	22 22	8 50	1 40
T 21	0 58	8 39	4 21	4 29	1 45	5 14	0 55	19 19	0 54	2 33	1 6	17 37	0 31	19 53	0 33	11 51	1 42	5 22	14 29	22 8	22 14	22 22	8 49	1 40
W22	0 35	12 54	3 41	3 42	1 43	5 45	0 53	19 30	0 55	2 38	1 6	17 35	0 31	19 52	0 33	11 51	1 42	5 21	14 29	22 7	22 14	22 21	8 48	1 40
T 23	0 11	16 30	2 51	2 55	1 40	6 15	0 51	19 41	0 55	2 43	1 6	17 34	0 32	19 52	0 33	11 52	1 42	5 21	14 30	22 6	22 14	22 21	8 47	1 40
F 24	0s12	19 19	1 54	2 8	1 36	6 45	0 49	19 51	0 56	2 48	1 6	17 32	0 32	19 51	0 33	11 53	1 42	5 21	14 30	22 5	22 13	22 21	8 46	1 40
S 25	0 35	21 13	0 53	1 20	1 33	7 15	0 47	20 2	0 56	2 53	1 6	17 30	0 32	19 51	0 33	11 53	1 42	5 20	14 30	22 5	22 13	22 21	8 45	1 40
S 26	0 59	22 10	0n10	0 33	1 28	7 44	0 45	20 12	0 57	2 58	1 6	17 29	0 32	19 50	0 33	11 54	1 42	5 20	14 30	22 5	22 12	22 20	8 44	1 40
M27	1 22	22 6	1 13	0s14	1 24	8 14	0 43	20 22	0 57	3 3	1 6	17 27	0 32	19 50	0 33	11 55	1 42	5 20	14 30	22 5	22 12	22 20	8 43	1 40
T 28	1 45	21 4	2 12	1 2	1 19	8 43	0 41	20 32	0 58	3 8	1 6	17 26	0 32	19 49	0 33	11 55	1 42	5 19	14 31	22 5	22 11	22 20	8 42	1 40
W29	2 9	19 4	3 6	1 49	1 14	9 13	0 38	20 42	0 58	3 13	1 6	17 24	0 32	19 49	0 33	11 56	1 42	5 19	14 31	22 4	22 11	22 19	8 41	1 40
T 30	2s32	16s11	3n53	2s35	1n 8	9s42	0n36	20s52	0s59	3s18	1n 6	17n23	0n33	19n48	0n33	11s57	1n42	5n19	14s31	22s 4	22s11	22s19	8n40	1n40

Julian Day Number = 2496712.5, Delta T = 105.30 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°28'05, Lahiri = 25°35'06

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ASTRODIENST EPHEMERIS for the year 2123
geocentric

OCTOBER 2123 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 37 3	7♎22'00	13♒11	10♎56	27♎50	29♏38	11♎ 7	13♌14	3♌54	6♏ 9	26°R57	10°R51	11♐40	18♐29	18°R 8	F 1
S 2	0 40 59	8°20'54	26° 1	12°40	29° 4	0♐20	11°20	13°20	3°56	6°11	26♉56	10♐44	11°37	18°35	18♈ 6	S 2
S 3	0 44 56	9°19'50	9♓13	14°23	0♏18	1° 1	11°33	13°25	3°58	6°13	26°56	10°34	11°34	18°42	18° 3	S 3
M 4	0 48 52	10°18'48	22°49	16° 5	1°32	1°43	11°46	13°31	4° 0	6°15	26°55	10°24	11°31	18°48	18° 0	M 4
T 5	0 52 49	11°17'47	6♈46	17°47	2°47	2°26	11°59	13°36	4° 2	6°17	26°54	10°14	11°28	18°55	17°58	T 5
W 6	0 56 46	12°16'49	20°59	19°28	4° 1	3° 8	12°12	13°41	4° 4	6°19	26°54	10° 6	11°25	19° 2	17°55	W 6
T 7	1 0 42	13°15'53	5♉24	21° 7	5°15	3°50	12°25	13°46	4° 6	6°21	26°53	9°59	11°21	19° 8	17°52	T 7
F 8	1 4 39	14°14'59	19°54	22°46	6°29	4°32	12°38	13°51	4° 7	6°23	26°52	9°55	11°18	19°15	17°49	F 8
S 9	1 8 35	15°14'07	4♊23	24°24	7°43	5°15	12°51	13°56	4° 9	6°25	26°51	9°D54	11°15	19°22	17°47	S 9
S 10	1 12 32	16°13'18	18°48	26° 2	8°57	5°57	13° 4	14° 1	4°11	6°28	26°50	9°54	11°12	19°28	17°44	S 10
M11	1 16 28	17°12'31	3♋ 4	27°38	10°11	6°40	13°17	14° 6	4°13	6°30	26°50	9°55	11° 9	19°35	17°41	M11
T 12	1 20 25	18°11'46	17°10	29°14	11°25	7°22	13°30	14°11	4°14	6°32	26°49	9°R55	11° 6	19°42	17°38	T 12
W13	1 24 21	19°11'03	1♌ 6	0♏49	12°39	8° 5	13°43	14°16	4°16	6°34	26°48	9°55	11° 2	19°48	17°35	W13
T 14	1 28 18	20°10'23	14°50	2°24	13°53	8°48	13°56	14°20	4°17	6°36	26°47	9°52	10°59	19°55	17°33	T 14
F 15	1 32 15	21° 9'45	28°22	3°57	15° 7	9°31	14° 9	14°25	4°19	6°38	26°46	9°47	10°56	20° 2	17°30	F 15
S 16	1 36 11	22° 9'10	11♍43	5°30	16°21	10°14	14°22	14°29	4°20	6°40	26°45	9°41	10°53	20° 8	17°27	S 16
S 17	1 40 8	23° 8'36	24°51	7° 3	17°35	10°57	14°35	14°34	4°21	6°43	26°44	9°33	10°50	20°15	17°24	S 17
M18	1 44 4	24° 8'05	7♎46	8°34	18°49	11°40	14°48	14°38	4°23	6°45	26°43	9°24	10°46	20°21	17°22	M18
T 19	1 48 1	25° 7'36	20°28	10° 5	20° 3	12°23	15° 1	14°42	4°24	6°47	26°43	9°16	10°43	20°28	17°19	T 19
W20	1 51 57	26° 7'09	2♏56	11°35	21°17	13° 7	15°13	14°46	4°25	6°49	26°42	9°10	10°40	20°35	17°16	W20
T 21	1 55 54	27° 6'44	15°12	13° 5	22°31	13°50	15°26	14°50	4°26	6°51	26°41	9° 5	10°37	20°41	17°13	T 21
F 22	1 59 50	28° 6'21	27°16	14°34	23°45	14°34	15°39	14°54	4°27	6°54	26°40	9° 2	10°34	20°48	17°11	F 22
S 23	2 3 47	29° 6'00	9♐10	16° 2	24°59	15°17	15°52	14°58	4°28	6°56	26°39	9°D 1	10°31	20°55	17° 8	S 23
S 24	2 7 43	0♏ 5'40	20°59	17°30	26°13	16° 1	16° 5	15° 2	4°29	6°58	26°38	9° 2	10°27	21° 1	17° 5	S 24
M25	2 11 40	1° 5'23	2♑46	18°57	27°27	16°45	16°18	15° 5	4°30	7° 0	26°37	9° 4	10°24	21° 8	17° 3	M25
T 26	2 15 37	2° 5'07	14°34	20°23	28°41	17°28	16°30	15° 9	4°31	7° 3	26°36	9° 5	10°21	21°15	17° 0	T 26
W27	2 19 33	3° 4'53	26°31	21°48	29°55	18°12	16°43	15°12	4°32	7° 5	26°35	9° 7	10°18	21°21	16°57	W27
T 28	2 23 30	4° 4'41	8♒39	23°13	1♐ 9	18°56	16°56	15°16	4°33	7° 7	26°34	9°R 7	10°15	21°28	16°55	T 28
F 29	2 27 26	5° 4'30	21° 6	24°37	2°23	19°40	17° 9	15°19	4°33	7° 9	26°33	9° 5	10°11	21°35	16°52	F 29
S 30	2 31 23	6° 4'21	3♓54	26° 0	3°37	20°24	17°21	15°22	4°34	7°12	26°32	9° 3	10° 8	21°41	16°50	S 30
S 31	2 35 19	7♏ 4'13	17♓ 7	27♏22	4♐51	21♐ 8	17♎34	15♌25	4♌35	7♏14	26♉31	8♐59	10♐ 5	21♐48	16♈47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s55	12s32	4n30	3s22	1n 2	10s10	0n34	21s 1	0s59	3s23	1n 6	17n21	0n33	19n48	0n33	11s57	1n42	5n18	14s31	22s 3	22s10	22s19	8n39	1n40
S 2	3 19	8 13	4 55	4 8	0 56	10 39	0 31	21 10	1 0	3 28	1 6	17 20	0 33	19 47	0 33	11 58	1 42	5 18	14 32	22 2	22 10	22 19	8 37	1 39
S 3	3 42	3 24	5 4	4 54	0 50	11 7	0 29	21 20	1 0	3 33	1 6	17 18	0 33	19 47	0 33	11 59	1 42	5 18	14 32	22 1	22 9	22 18	8 36	1 39
M 4	4 5	1n43	4 57	5 39	0 44	11 35	0 27	21 29	1 0	3 39	1 6	17 17	0 33	19 47	0 33	11 59	1 42	5 17	14 32	22 0	22 9	22 18	8 35	1 39
T 5	4 28	6 52	4 33	6 24	0 37	12 3	0 24	21 38	1 1	3 44	1 6	17 16	0 33	19 46	0 33	12 0	1 42	5 17	14 32	21 58	22 8	22 18	8 34	1 39
W 6	4 51	11 45	3 51	7 8	0 31	12 31	0 22	21 46	1 1	3 49	1 6	17 14	0 33	19 46	0 33	12 1	1 42	5 17	14 32	21 57	22 8	22 17	8 33	1 39
T 7	5 14	16 3	2 54	7 52	0 24	12 58	0 19	21 55	1 2	3 54	1 6	17 13	0 33	19 45	0 33	12 2	1 42	5 16	14 32	21 56	22 8	22 17	8 32	1 39
F 8	5 37	19 23	1 45	8 35	0 17	13 25	0 16	22 3	1 2	3 59	1 6	17 12	0 34	19 45	0 33	12 2	1 42	5 16	14 33	21 55	22 7	22 17	8 31	1 39
S 9	6 0	21 29	0 30	9 17	0 11	13 51	0 14	22 11	1 3	4 4	1 6	17 10	0 34	19 45	0 33	12 3	1 42	5 16	14 33	21 55	22 7	22 16	8 30	1 39
S 10	6 23	22 9	0s48	9 59	0 4	14 18	0 11	22 19	1 3	4 9	1 6	17 9	0 34	19 44	0 33	12 4	1 42	5 15	14 33	21 55	22 6	22 16	8 29	1 39
M11	6 45	21 22	2 1	10 41	0s 3	14 44	0 9	22 27	1 3	4 14	1 6	17 8	0 34	19 44	0 33	12 4	1 42	5 15	14 33	21 55	22 6	22 16	8 27	1 39
T 12	7 8	19 14	3 7	11 21	0 10	15 9	0 6	22 34	1 4	4 19	1 6	17 6	0 34	19 44	0 33	12 5	1 42	5 15	14 33	21 55	22 5	22 15	8 26	1 39
W13	7 30	15 59	4 0	12 1	0 17	15 34	0 3	22 42	1 4	4 24	1 6	17 5	0 34	19 43	0 33	12 6	1 42	5 14	14 34	21 55	22 5	22 15	8 25	1 39
T 14	7 53	11 55	4 39	12 41	0 24	15 59	0 1	22 49	1 4	4 29	1 6	17 4	0 34	19 43	0 33	12 6	1 42	5 14	14 34	21 55	22 4	22 14	8 24	1 39
F 15	8 15	7 18	5 2	13 19	0 31	16 24	0s 2	22 56	1 5	4 34	1 6	17 3	0 35	19 43	0 33	12 7	1 42	5 14	14 34	21 54	22 4	22 14	8 23	1 39
S 16	8 37	2 25	5 8	13 57	0 38	16 48	0 5	23 3	1 5	4 39	1 6	17 2	0 35	19 42	0 33	12 8	1 42	5 13	14 34	21 53	22 4	22 14	8 22	1 38
S 17	8 59	2s30	4 57	14 34	0 45	17 11	0 8	23 9	1 6	4 44	1 6	17 1	0 35	19 42	0 34	12 9	1 42	5 13	14 34	21 52	22 3	22 13	8 21	1 38
M18	9 21	7 14	4 31	15 10	0 52	17 34	0 10	23 15	1 6	4 49	1 6	16 59	0 35	19 42	0 34	12 9	1 42	5 13	14 34	21 51	22 3	22 13	8 20	1 38
T 19	9 43	11 35	3 53	15 46	0 59	17 57	0 13	23 21	1 6	4 54	1 6	16 58	0 35	19 41	0 34	12 10	1 42	5 12	14 34	21 50	22 2	22 13	8 18	1 38
W20	10 5	15 21	3 3	16 20	1 6	18 19	0 16	23 27	1 7	4 59	1 6	16 57	0 35	19 41	0 34	12 11	1 42	5 12	14 35	21 49	22 2	22 12	8 17	1 38
T 21	10 26	18 23	2 6	16 54	1 12	18 41	0 19	23 33	1 7	5 4	1 6	16 56	0 35	19 41	0 34	12 12	1 42	5 12	14 35	21 48	22 1	22 12	8 16	1 38
F 22	10 48	20 34	1 4	17 27	1 19	19 3	0 21	23 38	1 7	5 8	1 6	16 55	0 36	19 41	0 34	12 12	1 42	5 11	14 35	21 47	22 1	22 11	8 15	1 38
S 23	11 9	21 48	0n 1	17 59	1 25	19 23	0 24	23 44	1 7	5 13	1 6	16 54	0 36	19 41	0 34	12 13	1 42	5 11	14 35	21 47	22 0	22 11	8 14	1 38
S 24	11 30	22 2	1 5	18 30	1 32	19 44	0 27	23 49	1 8	5 18	1 6	16 53	0 36	19 40	0 34	12 14	1 42	5 11	14 35	21 47	22 0	22 10	8 13	1 38
M25	11 51	21 18	2 6	19 1	1 38	20 4	0 30	23 53	1 8	5 23	1 6	16 52	0 36	19 40	0 34	12 14	1 42	5 10	14 35	21 48	22 0	22 10	8 12	1 38
T 26	12 11	19 37	3 2	19 30	1 44	20 23	0 32	23 58	1 8	5 28	1 6	16 52	0 36	19 40	0 34	12 15	1 42	5 10	14 35	21 48	21 59	22 10	8 11	1 38
W27	12 32	17 4	3 51	19 58	1 50	20 42	0 35	24 2	1 9	5 33	1 6	16 51	0 36	19 40	0 34	12 16	1 42	5 10	14 35	21 48	21 59	22 9	8 9	1 37
T 28	12 52	13 44	4 30	20 25	1 55	21 0	0 38	24 6	1 9	5 38	1 6	16 50	0 37	19 40	0 34	12 17	1 42	5 9	14 35	21 48	21 58	22 9	8 8	1 37
F 29	13 12	9 45	4 58	20 52	2 1	21 17	0 41	24 10	1 9	5 42	1 6	16 49	0 37	19 40	0 34	12 17	1 42	5 9	14 35	21 48	21 58	22 8	8 7	1 37
S 30	13 32	5 14	5 12	21 17	2 6	21 34	0 43	24 14	1 9	5 47	1 6	16 48	0 37	19 39	0 34	12 18	1 42	5 9	14 36	21 47	21 57	22 8	8 6	1 37
S 31	13s52	0s20	5n10	21s41	2s11	21s51	0s46	24s17	1s10	5s52	1n 6	16n47	0n37	19n39	0n34	12s19	1n42	5n 8	14s36	21s47	21s57	22s 7	8n 5	1n37

Julian Day Number = 2496742.5, Delta T = 105.35 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°28'10, Lahiri = 25°35'10

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ASTRODIENST EPHEMERIS for the year 2123
geocentric

NOVEMBER 2123 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 39 16	8♏ 4'07	0♈46	28♏43	6♐ 5	21♐53	17♎46	15♌28	4♌35	7♏16	26°R30	8°R54	10♐ 2	21♐55	16°R44	M 1
T 2	2 43 12	9° 4'03	14°52	0♐ 3	7°19	22°37	17°59	15°31	4°36	7°18	26♉28	8♐49	9°59	22° 1	16♈42	T 2
W 3	2 47 9	10° 4'01	29°20	1°22	8°32	23°21	18°11	15°34	4°36	7°21	26°27	8°45	9°56	22° 8	16°39	W 3
T 4	2 51 6	11° 4'01	14♉ 5	2°39	9°46	24° 6	18°24	15°36	4°36	7°23	26°26	8°42	9°52	22°14	16°37	T 4
F 5	2 55 2	12° 4'02	28°59	3°56	11° 0	24°50	18°36	15°39	4°37	7°25	26°25	8°40	9°49	22°21	16°35	F 5
S 6	2 58 59	13° 4'06	13♊54	5°11	12°14	25°35	18°49	15°41	4°37	7°27	26°24	8°D40	9°46	22°28	16°32	S 6
S 7	3 2 55	14° 4'11	28°42	6°24	13°28	26°19	19° 1	15°44	4°37	7°30	26°23	8°41	9°43	22°34	16°30	S 7
M 8	3 6 52	15° 4'19	13♋19	7°36	14°42	27° 4	19°14	15°46	4°37	7°32	26°22	8°42	9°40	22°41	16°27	M 8
T 9	3 10 48	16° 4'29	27°38	8°45	15°55	27°49	19°26	15°48	4°37	7°34	26°21	8°44	9°37	22°48	16°25	T 9
W10	3 14 45	17° 4'41	11♌39	9°52	17° 9	28°34	19°38	15°50	4°R38	7°36	26°20	8°R45	9°33	22°54	16°23	W10
T 11	3 18 41	18° 4'54	25°20	10°57	18°23	29°19	19°50	15°52	4°38	7°38	26°19	8°45	9°30	23° 1	16°21	T 11
F 12	3 22 38	19° 5'10	8♍42	11°59	19°37	0♑ 4	20° 2	15°54	4°37	7°41	26°18	8°43	9°27	23° 8	16°18	F 12
S 13	3 26 35	20° 5'28	21°47	12°58	20°50	0°49	20°15	15°56	4°37	7°43	26°16	8°42	9°24	23°14	16°16	S 13
S 14	3 30 31	21° 5'48	4♎36	13°54	22° 4	1°34	20°27	15°57	4°37	7°45	26°15	8°39	9°21	23°21	16°14	S 14
M15	3 34 28	22° 6'09	17°11	14°46	23°18	2°19	20°39	15°59	4°37	7°47	26°14	8°36	9°17	23°28	16°12	M15
T 16	3 38 24	23° 6'33	29°34	15°33	24°31	3° 4	20°51	16° 0	4°37	7°49	26°13	8°34	9°14	23°34	16°10	T 16
W17	3 42 21	24° 6'58	11♏46	16°15	25°45	3°49	21° 2	16° 1	4°36	7°52	26°12	8°32	9°11	23°41	16° 8	W17
T 18	3 46 17	25° 7'25	23°50	16°52	26°59	4°35	21°14	16° 2	4°36	7°54	26°11	8°31	9° 8	23°48	16° 6	T 18
F 19	3 50 14	26° 7'54	5♐45	17°22	28°12	5°20	21°26	16° 3	4°36	7°56	26°10	8°D30	9° 5	23°54	16° 4	F 19
S 20	3 54 10	27° 8'24	17°36	17°45	29°26	6° 6	21°38	16° 4	4°35	7°58	26° 9	8°30	9° 2	24° 1	16° 2	S 20
S 21	3 58 7	28° 8'55	29°23	18° 1	0♑40	6°51	21°50	16° 5	4°34	8° 0	26° 7	8°31	8°58	24° 8	16° 0	S 21
M22	4 2 4	29° 9'28	11♑10	18°R 8	1°53	7°37	22° 1	16° 6	4°34	8° 2	26° 6	8°32	8°55	24°14	15°58	M22
T 23	4 6 0	0♐10'03	23° 0	18° 7	3° 7	8°22	22°13	16° 7	4°33	8° 4	26° 5	8°33	8°52	24°21	15°56	T 23
W24	4 9 57	1°10'38	4♒56	17°55	4°20	9° 8	22°24	16° 7	4°32	8° 7	26° 4	8°34	8°49	24°27	15°54	W24
T 25	4 13 53	2°11'15	17° 3	17°33	5°34	9°54	22°36	16° 7	4°32	8° 9	26° 3	8°34	8°46	24°34	15°53	T 25
F 26	4 17 50	3°11'53	29°26	17° 0	6°47	10°40	22°47	16° 8	4°31	8°11	26° 2	8°R35	8°43	24°41	15°51	F 26
S 27	4 21 46	4°12'32	12♓ 8	16°17	8° 1	11°25	22°58	16° 8	4°30	8°13	26° 1	8°35	8°39	24°47	15°49	S 27
S 28	4 25 43	5°13'12	25°14	15°23	9°14	12°11	23° 9	16°R 8	4°29	8°15	26° 0	8°34	8°36	24°54	15°48	S 28
M29	4 29 39	6°13'54	8♈46	14°20	10°28	12°57	23°20	16° 8	4°28	8°17	25°58	8°34	8°33	25° 1	15°46	M29
T 30	4 33 36	7♐14'36	22♈45	13♐ 9	11♑41	13♑43	23♎31	16♌ 7	4♌27	8♏19	25♉57	8♐34	8♐30	25♐ 7	15♈45	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s11	4n45	4n51	22s 4	2s16	22s 6	0s49	24s20	1s10	5s57	1n 6	16n47	0n37	19n39	0n34	12s20	1n42	5n 8	14s36	21s46	21s56	22s 7	8n 4	1n37
T 2	14 30	9 45	4 14	22 26	2 21	22 22	0 51	24 23	1 10	6 1	1 7	16 46	0 37	19 39	0 34	12 20	1 42	5 8	14 36	21 45	21 56	22 6	8 3	1 37
W 3	14 49	14 20	3 20	22 47	2 25	22 36	0 54	24 26	1 10	6 6	1 7	16 45	0 38	19 39	0 34	12 21	1 42	5 8	14 36	21 45	21 55	22 6	8 2	1 37
T 4	15 8	18 8	2 11	23 6	2 29	22 50	0 57	24 28	1 11	6 11	1 7	16 45	0 38	19 39	0 34	12 22	1 42	5 7	14 36	21 44	21 55	22 6	8 1	1 37
F 5	15 27	20 47	0 53	23 25	2 32	23 3	0 59	24 30	1 11	6 15	1 7	16 44	0 38	19 39	0 34	12 22	1 42	5 7	14 36	21 44	21 54	22 5	8 0	1 36
S 6	15 45	21 59	0s29	23 42	2 35	23 16	1 2	24 32	1 11	6 20	1 7	16 44	0 38	19 39	0 34	12 23	1 42	5 7	14 36	21 44	21 54	22 5	7 59	1 36
S 7	16 3	21 37	1 48	23 58	2 38	23 28	1 5	24 33	1 11	6 25	1 7	16 43	0 38	19 39	0 34	12 24	1 42	5 6	14 36	21 44	21 53	22 4	7 58	1 36
M 8	16 21	19 47	3 0	24 12	2 41	23 39	1 7	24 35	1 11	6 29	1 7	16 43	0 38	19 39	0 34	12 25	1 42	5 6	14 36	21 44	21 53	22 4	7 57	1 36
T 9	16 38	16 43	3 58	24 25	2 42	23 50	1 10	24 36	1 12	6 34	1 7	16 42	0 38	19 39	0 34	12 25	1 42	5 6	14 36	21 45	21 53	22 3	7 56	1 36
W10	16 55	12 46	4 41	24 37	2 44	24 0	1 12	24 37	1 12	6 38	1 7	16 42	0 39	19 39	0 34	12 26	1 42	5 6	14 36	21 45	21 52	22 3	7 55	1 36
T 11	17 12	8 14	5 7	24 47	2 44	24 9	1 14	24 37	1 12	6 43	1 7	16 41	0 39	19 39	0 34	12 27	1 42	5 5	14 36	21 45	21 52	22 2	7 54	1 36
F 12	17 29	3 25	5 16	24 56	2 45	24 18	1 17	24 37	1 12	6 47	1 7	16 41	0 39	19 39	0 35	12 27	1 42	5 5	14 36	21 44	21 51	22 2	7 53	1 36
S 13	17 45	1s27	5 8	25 3	2 44	24 25	1 19	24 37	1 12	6 52	1 7	16 40	0 39	19 39	0 35	12 28	1 42	5 5	14 36	21 44	21 51	22 1	7 52	1 36
S 14	18 1	6 10	4 44	25 9	2 43	24 32	1 22	24 37	1 12	6 56	1 7	16 40	0 39	19 39	0 35	12 29	1 42	5 5	14 36	21 44	21 50	22 1	7 51	1 35
M15	18 17	10 33	4 7	25 13	2 41	24 39	1 24	24 37	1 12	7 1	1 7	16 40	0 39	19 39	0 35	12 30	1 42	5 4	14 36	21 43	21 50	22 0	7 50	1 35
T 16	18 32	14 25	3 19	25 15	2 38	24 44	1 26	24 36	1 13	7 5	1 8	16 40	0 40	19 39	0 35	12 30	1 42	5 4	14 36	21 43	21 49	21 59	7 49	1 35
W17	18 47	17 37	2 23	25 16	2 34	24 49	1 28	24 35	1 13	7 10	1 8	16 39	0 40	19 40	0 35	12 31	1 42	5 4	14 36	21 43	21 49	21 59	7 48	1 35
T 18	19 2	20 1	1 21	25 14	2 29	24 54	1 30	24 33	1 13	7 14	1 8	16 39	0 40	19 40	0 35	12 32	1 42	5 4	14 36	21 42	21 48	21 58	7 47	1 35
F 19	19 16	21 30	0 15	25 11	2 23	24 57	1 32	24 32	1 13	7 18	1 8	16 39	0 40	19 40	0 35	12 32	1 42	5 4	14 36	21 42	21 48	21 58	7 46	1 35
S 20	19 30	22 1	0n50	25 6	2 15	25 0	1 34	24 30	1 13	7 22	1 8	16 39	0 40	19 40	0 35	12 33	1 42	5 3	14 36	21 42	21 47	21 57	7 45	1 35
S 21	19 44	21 32	1 53	24 59	2 7	25 2	1 36	24 28	1 13	7 27	1 8	16 39	0 40	19 40	0 35	12 34	1 42	5 3	14 36	21 43	21 47	21 57	7 45	1 34
M22	19 57	20 6	2 52	24 50	1 57	25 3	1 38	24 25	1 13	7 31	1 8	16 39	0 41	19 40	0 35	12 34	1 42	5 3	14 36	21 43	21 46	21 56	7 44	1 34
T 23	20 10	17 48	3 43	24 38	1 45	25 3	1 40	24 23	1 13	7 35	1 8	16 39	0 41	19 41	0 35	12 35	1 42	5 3	14 36	21 43	21 46	21 56	7 43	1 34
W24	20 23	14 44	4 25	24 24	1 32	25 3	1 42	24 20	1 13	7 39	1 8	16 39	0 41	19 41	0 35	12 36	1 42	5 3	14 36	21 43	21 45	21 55	7 42	1 34
T 25	20 35	11 0	4 56	24 7	1 17	25 2	1 44	24 16	1 13	7 43	1 8	16 39	0 41	19 41	0 35	12 36	1 42	5 2	14 36	21 43	21 45	21 54	7 41	1 34
F 26	20 47	6 45	5 14	23 48	1 1	25 0	1 45	24 13	1 13	7 48	1 9	16 39	0 41	19 41	0 35	12 37	1 42	5 2	14 36	21 43	21 44	21 54	7 41	1 34
S 27	20 58	2 7	5 18	23 27	0 44	24 58	1 47	24 9	1 13	7 52	1 9	16 39	0 42	19 41	0 35	12 37	1 42	5 2	14 36	21 43	21 44	21 53	7 40	1 34
S 28	21 9	2n46	5 5	23 2	0 25	24 54	1 48	24 5	1 14	7 56	1 9	16 39	0 42	19 42	0 35	12 38	1 42	5 2	14 36	21 43	21 43	21 53	7 39	1 34
M29	21 20	9 41	4 35	22 36	0 5	24 50	1 50	24 1	1 14	8 0	1 9	16 39	0 42	19 42	0 35	12 39	1 42	5 2	14 36	21 43	21 43	21 52	7 38	1 33
T 30	21s30	12n23	3n48	22s 7	0n15	24s45	1s51	23s56	1s14	8s 4	1n 9	16n40	0n42	19n42	0n35	12s39	1n42	5n 1	14s35	21s43	21s42	21s51	7n38	1n33

Julian Day Number = 2496773.5, Delta T = 105.40 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°28'14, Lahiri = 25°35'14

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ASTRODIENST EPHEMERIS for the year 2123
geocentric

DECEMBER 2123 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 37 33	8♐15'19	7♉12	11°R51	12♏54	14♏29	23♎42	16°R 7	4°R26	8♏21	25°R56	8°D34	8♐27	25♐14	15°R43	W 1
T 2	4 41 29	9°16'04	22° 0	10♐30	14° 8	15°15	23°53	16♌ 7	4♌25	8°23	25♉55	8♐34	8°23	25°21	15♈42	T 2
F 3	4 45 26	10°16'50	7♊ 5	9° 7	15°21	16° 1	24° 4	16° 6	4°24	8°25	25°54	8°R34	8°20	25°27	15°41	F 3
S 4	4 49 22	11°17'37	22°18	7°46	16°34	16°48	24°15	16° 6	4°23	8°27	25°53	8°34	8°17	25°34	15°39	S 4
S 5	4 53 19	12°18'25	7♋28	6°29	17°48	17°34	24°26	16° 5	4°21	8°29	25°52	8°34	8°14	25°41	15°38	S 5
M 6	4 57 15	13°19'14	22°26	5°19	19° 1	18°20	24°36	16° 4	4°20	8°31	25°51	8°33	8°11	25°47	15°37	M 6
T 7	5 1 12	14°20'05	7♌ 6	4°18	20°14	19° 6	24°47	16° 3	4°19	8°33	25°50	8°33	8° 8	25°54	15°36	T 7
W 8	5 5 9	15°20'57	21°21	3°27	21°27	19°53	24°57	16° 2	4°17	8°35	25°49	8°32	8° 4	26° 1	15°35	W 8
T 9	5 9 5	16°21'51	5♍11	2°47	22°40	20°39	25° 7	16° 1	4°16	8°37	25°48	8°31	8° 1	26° 7	15°34	T 9
F 10	5 13 2	17°22'45	18°35	2°18	23°53	21°26	25°17	15°59	4°14	8°38	25°47	8°D31	7°58	26°14	15°33	F 10
S 11	5 16 58	18°23'41	1♎35	2° 1	25° 6	22°12	25°28	15°58	4°13	8°40	25°46	8°31	7°55	26°21	15°32	S 11
S 12	5 20 55	19°24'38	14°15	1°D54	26°19	22°59	25°38	15°56	4°11	8°42	25°45	8°32	7°52	26°27	15°31	S 12
M13	5 24 51	20°25'37	26°38	1°58	27°32	23°45	25°48	15°55	4° 9	8°44	25°44	8°33	7°49	26°34	15°30	M13
T 14	5 28 48	21°26'36	8♏48	2°12	28°45	24°32	25°57	15°53	4° 8	8°46	25°43	8°35	7°45	26°41	15°29	T 14
W15	5 32 44	22°27'37	20°48	2°34	29°58	25°18	26° 7	15°51	4° 6	8°47	25°42	8°36	7°42	26°47	15°29	W15
T 16	5 36 41	23°28'38	2♐42	3° 5	1♒10	26° 5	26°17	15°49	4° 4	8°49	25°41	8°R36	7°39	26°54	15°28	T 16
F 17	5 40 38	24°29'41	14°31	3°42	2°23	26°52	26°26	15°47	4° 2	8°51	25°40	8°36	7°36	27° 0	15°27	F 17
S 18	5 44 34	25°30'44	26°19	4°26	3°36	27°39	26°36	15°45	4° 1	8°52	25°39	8°35	7°33	27° 7	15°27	S 18
S 19	5 48 31	26°31'48	8♑ 7	5°16	4°49	28°25	26°45	15°43	3°59	8°54	25°38	8°34	7°29	27°14	15°26	S 19
M20	5 52 27	27°32'52	19°57	6°10	6° 1	29°12	26°54	15°40	3°57	8°56	25°37	8°31	7°26	27°20	15°26	M20
T 21	5 56 24	28°33'57	1♒52	7° 9	7°14	29°59	27° 3	15°38	3°55	8°57	25°36	8°28	7°23	27°27	15°25	T 21
W22	6 0 20	29°35'03	13°54	8°12	8°26	0♓46	27°12	15°35	3°53	8°59	25°35	8°24	7°20	27°34	15°25	W22
T 23	6 4 17	0♑36'09	26° 5	9°18	9°39	1°33	27°21	15°33	3°51	9° 1	25°34	8°21	7°17	27°40	15°25	T 23
F 24	6 8 13	1°37'15	8♓29	10°27	10°51	2°20	27°30	15°30	3°49	9° 2	25°33	8°18	7°14	27°47	15°25	F 24
S 25	6 12 10	2°38'21	21° 8	11°38	12° 3	3° 7	27°38	15°27	3°47	9° 4	25°32	8°16	7°10	27°54	15°24	S 25
S 26	6 16 7	3°39'28	4♈ 6	12°52	13°15	3°54	27°47	15°24	3°45	9° 5	25°31	8°D16	7° 7	28° 0	15°24	S 26
M27	6 20 3	4°40'34	17°27	14° 7	14°27	4°41	27°55	15°21	3°42	9° 7	25°31	8°16	7° 4	28° 7	15°D24	M27
T 28	6 24 0	5°41'41	1♉13	15°25	15°40	5°28	28° 4	15°18	3°40	9° 8	25°30	8°17	7° 1	28°14	15°24	T 28
W29	6 27 56	6°42'48	15°25	16°44	16°52	6°15	28°12	15°15	3°38	9° 9	25°29	8°19	6°58	28°20	15°24	W29
T 30	6 31 53	7°43'55	0♊ 1	18° 4	18° 3	7° 2	28°20	15°11	3°36	9°11	25°28	8°20	6°55	28°27	15°24	T 30
F 31	6 35 49	8♑45'02	14♊58	19♐26	19♒15	7♒49	28♎28	15♌ 8	3♌33	9♏12	25♉27	8°R20	6♐51	28♐34	15♈25	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	21 s40	16n31	2n46	21 s37	0n35	24 s40	1 s53	23 s51	1 s14	8 s 7	1n 9	16n40	0n42	19n43	0n35	12 s40	1n42	5n 1	14 s35	21 s43	21 s42	21 s51	7n37	1n33	
T 2	21 49	19 43	1 31	21 5	0 55	24 34	1 54	23 46	1 14	8 11	1 9	16 40	0 42	19 43	0 35	12 41	1 42	5 1	14 35	21 43	21 41	21 50	7 36	1 33	
F 3	21 58	21 37	0 8	20 34	1 15	24 27	1 55	23 41	1 14	8 15	1 9	16 40	0 43	19 43	0 35	12 41	1 42	5 1	14 35	21 43	21 41	21 50	7 36	1 33	
S 4	22 7	21 56	1 s16	20 3	1 33	24 19	1 56	23 35	1 14	8 19	1 10	16 41	0 43	19 43	0 35	12 42	1 42	5 1	14 35	21 43	21 40	21 49	7 35	1 33	
S 5	22 15	20 39	2 34	19 35	1 50	24 11	1 57	23 29	1 14	8 23	1 10	16 41	0 43	19 44	0 35	12 42	1 42	5 1	14 35	21 43	21 40	21 48	7 34	1 32	
M 6	22 23	17 56	3 41	19 8	2 4	24 2	1 58	23 23	1 14	8 27	1 10	16 42	0 43	19 44	0 35	12 43	1 42	5 1	14 35	21 43	21 39	21 48	7 34	1 32	
T 7	22 30	14 6	4 31	18 45	2 16	23 52	1 59	23 16	1 14	8 30	1 10	16 42	0 43	19 44	0 35	12 44	1 42	5 1	14 35	21 43	21 39	21 47	7 33	1 32	
W 8	22 37	9 34	5 4	18 26	2 27	23 41	2 0	23 10	1 13	8 34	1 10	16 43	0 43	19 45	0 35	12 44	1 42	5 0	14 35	21 43	21 38	21 46	7 33	1 32	
T 9	22 43	4 41	5 17	18 10	2 34	23 30	2 1	23 3	1 13	8 38	1 10	16 43	0 44	19 45	0 35	12 45	1 42	5 0	14 34	21 43	21 38	21 46	7 32	1 32	
F 10	22 49	0 s17	5 13	17 59	2 40	23 18	2 1	22 56	1 13	8 41	1 10	16 44	0 44	19 46	0 36	12 45	1 42	5 0	14 34	21 43	21 37	21 45	7 32	1 32	
S 11	22 55	5 6	4 53	17 52	2 44	23 6	2 2	22 48	1 13	8 45	1 10	16 44	0 44	19 46	0 36	12 46	1 42	5 0	14 34	21 43	21 37	21 45	7 31	1 32	
S 12	23 0	9 35	4 18	17 49	2 46	22 52	2 2	22 40	1 13	8 48	1 11	16 45	0 44	19 46	0 36	12 46	1 42	5 0	14 34	21 43	21 36	21 44	7 31	1 31	
M13	23 5	13 34	3 33	17 50	2 46	22 39	2 3	22 32	1 13	8 52	1 11	16 46	0 44	19 47	0 36	12 47	1 43	5 0	14 34	21 43	21 36	21 43	7 30	1 31	
T 14	23 9	16 55	2 38	17 54	2 45	22 24	2 3	22 24	1 13	8 55	1 11	16 46	0 44	19 47	0 36	12 47	1 43	5 0	14 34	21 43	21 35	21 43	7 30	1 31	
W15	23 12	19 30	1 37	18 0	2 42	22 9	2 3	22 15	1 13	8 58	1 11	16 47	0 45	19 48	0 36	12 48	1 43	5 0	14 34	21 43	21 35	21 42	7 29	1 31	
T 16	23 16	21 13	0 33	18 10	2 39	21 53	2 3	22 7	1 13	9 2	1 11	16 48	0 45	19 48	0 36	12 48	1 43	5 0	14 33	21 43	21 34	21 41	7 29	1 31	
F 17	23 18	21 59	0n33	18 21	2 34	21 37	2 3	21 58	1 13	9 5	1 11	16 48	0 45	19 49	0 36	12 49	1 43	5 0	14 33	21 43	21 34	21 40	7 28	1 31	
S 18	23 21	21 46	1 37	18 34	2 29	21 20	2 3	21 48	1 13	9 8	1 12	16 49	0 45	19 49	0 36	12 49	1 43	5 0	14 33	21 43	21 33	21 40	7 28	1 31	
S 19	23 23	20 35	2 36	18 49	2 23	21 2	2 3	21 39	1 13	9 11	1 12	16 50	0 45	19 50	0 36	12 50	1 43	5 0	14 33	21 43	21 33	21 39	7 28	1 30	
M20	23 24	18 29	3 29	19 4	2 17	20 44	2 3	21 29	1 12	9 15	1 12	16 51	0 45	19 50	0 36	12 50	1 43	5 0	14 33	21 42	21 32	21 38	7 27	1 30	
T 21	23 25	15 37	4 13	19 21	2 10	20 25	2 2	21 19	1 12	9 18	1 12	16 52	0 46	19 51	0 36	12 51	1 43	5 0	14 32	21 42	21 32	21 38	7 27	1 30	
W22	23 25	12 4	4 47	19 38	2 3	20 6	2 2	21 9	1 12	9 21	1 12	16 53	0 46	19 51	0 36	12 51	1 43	5 0	14 32	21 41	21 31	21 37	7 27	1 30	
T 23	23 25	7 59	5 8	19 55	1 56	19 46	2 1	20 58	1 12	9 24	1 12	16 54	0 46	19 52	0 36	12 52	1 43	5 0	14 32	21 41	21 31	21 36	7 27	1 30	
F 24	23 25	3 31	5 15	20 13	1 48	19 26	2 1	20 48	1 12	9 27	1 13	16 55	0 46	19 52	0 36	12 52	1 43	5 0	14 32	21 40	21 30	21 36	7 26	1 30	
S 25	23 24	1n12	5 7	20 31	1 40	19 5	2 0	20 37	1 12	9 30	1 13	16 56	0 46	19 53	0 36	12 53	1 43	5 0	14 32	21 40	21 30	21 35	7 26	1 29	
S 26	23 22	5 58	4 44	20 48	1 32	18 44	1 59	20 25	1 11	9 33	1 13	16 57	0 46	19 53	0 36	12 53	1 43	5 0	14 31	21 40	21 29	21 34	7 26	1 29	
M27	23 20	10 37	4 4	21 5	1 24	18 22	1 58	20 14	1 11	9 35	1 13	16 58	0 47	19 54	0 36	12 53	1 43	5 0	14 31	21 40	21 28	21 33	7 26	1 29	
T 28	23 18	14 51	3 10	21 22	1 16	18 0	1 57	20 2	1 11	9 38	1 13	16 59	0 47	19 54	0 36	12 54	1 43	5 0	14 31	21 40	21 28	21 33	7 26	1 29	
W29	23 15	18 24	2 3	21 39	1 7	17 37	1 56	19 51	1 11	9 41	1 13	17 0	0 47	19 55	0 36	12 54	1 43	5 0	14 31	21 41	21 27	21 32	7 26	1 29	
T 30	23 12	20 53	0 46	21 54	0 59	17 14	1 55	19 38	1 11	9 44	1 14	17 1	0 47	19 55	0 36	12 55	1 43	5 0	14 31	21 41	21 27	21 31	7 26	1 29	
F 31	23 s 8	21n58	0 s36	22 s 9	0n51	16 s50	1 s53	19 s26	1 s11	9 s46	1n14	17n 2	0n47	19n56	0n36	12 s55	1n43	5n 0	14 s30	21 s41	21 s26	21 s30	7n26	1n29	

Julian Day Number = 2496803.5, Delta T = 105.44 sec
Ecliptic obliquity = 23°25'20, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°28'18, Lahiri = 25°35'18

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2124
geocentric

JANUARY 2124 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 39 46	9♑46'09	0♋ 8	20♐49	20♒27	8♒36	28♎35	15°R 5	3°R31	9♏13	25°R27	8°R19	6♐48	28♐40	15♈25	S 1
S 2	6 43 42	10°47'16	15°24	22°12	21°39	9°23	28°43	15♌ 1	3♌29	9°15	25♉26	8♐16	6°45	28°47	15°25	S 2
M 3	6 47 39	11°48'24	0♌34	23°37	22°50	10°10	28°50	14°57	3°26	9°16	25°25	8°11	6°42	28°54	15°26	M 3
T 4	6 51 36	12°49'32	15°28	25° 2	24° 2	10°58	28°58	14°54	3°24	9°17	25°24	8° 6	6°39	29° 0	15°26	T 4
W 5	6 55 32	13°50'39	29°59	26°28	25°13	11°45	29° 5	14°50	3°22	9°19	25°24	8° 0	6°35	29° 7	15°26	W 5
T 6	6 59 29	14°51'47	14♍ 2	27°55	26°24	12°32	29°12	14°46	3°19	9°20	25°23	7°56	6°32	29°14	15°27	T 6
F 7	7 3 25	15°52'56	27°36	29°22	27°35	13°19	29°19	14°42	3°17	9°21	25°22	7°52	6°29	29°20	15°28	F 7
S 8	7 7 22	16°54'04	10♎41	0♑51	28°47	14° 7	29°26	14°38	3°14	9°22	25°22	7°51	6°26	29°27	15°28	S 8
S 9	7 11 18	17°55'13	23°22	2°19	29°58	14°54	29°32	14°34	3°12	9°23	25°21	7°D51	6°23	29°34	15°29	S 9
M10	7 15 15	18°56'22	5♏42	3°48	1♓ 8	15°41	29°39	14°30	3° 9	9°24	25°20	7°52	6°20	29°40	15°30	M10
T 11	7 19 11	19°57'31	17°47	5°18	2°19	16°28	29°45	14°26	3° 7	9°25	25°20	7°54	6°16	29°47	15°30	T 11
W12	7 23 8	20°58'41	29°41	6°48	3°30	17°16	29°51	14°22	3° 4	9°26	25°19	7°55	6°13	29°54	15°31	W12
T 13	7 27 5	21°59'50	11♐29	8°19	4°40	18° 3	29°57	14°17	3° 2	9°27	25°19	7°R55	6°10	0♑ 0	15°32	T 13
F 14	7 31 1	23° 0'59	23°15	9°50	5°51	18°50	0♏ 3	14°13	2°59	9°28	25°18	7°54	6° 7	0° 7	15°33	F 14
S 15	7 34 58	24° 2'08	5♑ 3	11°21	7° 1	19°38	0° 9	14° 8	2°57	9°29	25°18	7°50	6° 4	0°14	15°34	S 15
S 16	7 38 54	25° 3'17	16°54	12°53	8°11	20°25	0°15	14° 4	2°54	9°30	25°17	7°44	6° 1	0°20	15°35	S 16
M17	7 42 51	26° 4'25	28°52	14°26	9°21	21°13	0°20	13°59	2°51	9°31	25°17	7°36	5°57	0°27	15°36	M17
T 18	7 46 47	27° 5'33	10♒57	15°59	10°31	22° 0	0°25	13°55	2°49	9°31	25°16	7°26	5°54	0°33	15°38	T 18
W19	7 50 44	28° 6'40	23°10	17°33	11°41	22°47	0°30	13°50	2°46	9°32	25°16	7°16	5°51	0°40	15°39	W19
T 20	7 54 40	29° 7'47	5♓33	19° 7	12°51	23°35	0°35	13°46	2°44	9°33	25°15	7° 6	5°48	0°47	15°40	T 20
F 21	7 58 37	0♒ 8'53	18° 6	20°41	14° 0	24°22	0°40	13°41	2°41	9°34	25°15	6°58	5°45	0°53	15°41	F 21
S 22	8 2 34	1° 9'58	0♈52	22°16	15° 9	25° 9	0°45	13°36	2°38	9°34	25°14	6°51	5°41	1° 0	15°43	S 22
S 23	8 6 30	2°11'03	13°52	23°52	16°19	25°57	0°49	13°31	2°36	9°35	25°14	6°47	5°38	1° 7	15°44	S 23
M24	8 10 27	3°12'06	27° 9	25°28	17°28	26°44	0°53	13°27	2°33	9°36	25°14	6°45	5°35	1°13	15°46	M24
T 25	8 14 23	4°13'09	10♉44	27° 5	18°36	27°32	0°57	13°22	2°31	9°36	25°13	6°D45	5°32	1°20	15°47	T 25
W26	8 18 20	5°14'11	24°40	28°42	19°45	28°19	1° 1	13°17	2°28	9°37	25°13	6°46	5°29	1°27	15°49	W26
T 27	8 22 16	6°15'11	8♊57	0♒20	20°54	29° 6	1° 5	13°12	2°25	9°37	25°13	6°R46	5°26	1°33	15°50	T 27
F 28	8 26 13	7°16'11	23°33	1°59	22° 2	29°54	1° 9	13° 7	2°23	9°38	25°13	6°45	5°22	1°40	15°52	F 28
S 29	8 30 10	8°17'10	8♋25	3°38	23°10	0♓41	1°12	13° 3	2°20	9°38	25°12	6°42	5°19	1°47	15°54	S 29
S 30	8 34 6	9°18'07	23°26	5°18	24°18	1°29	1°15	12°58	2°18	9°39	25°12	6°35	5°16	1°53	15°56	S 30
M31	8 38 3	10♒19'04	8♌28	6♒58	25♓25	2♓16	1♏18	12♌53	2♌15	9♏39	25♉12	6♐27	5♐13	2♑ 0	15♈58	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 4	21n29	1s57	22s23	0n43	16s26	1s52	19s14	1s10	9s49	1n14	17n 3	0n47	19n56	0n36	12s55	1n43	5n 0	14s30	21s41	21s26	21s30	7n25	1n28
S 2	22 59	19 24	3 9	22 37	0 35	16 1	1 50	19 1	1 10	9 51	1 14	17 5	0 48	19 57	0 36	12 56	1 43	5 0	14 30	21 40	21 25	21 29	7 25	1 28
M 3	22 54	15 59	4 8	22 49	0 27	15 36	1 49	18 48	1 10	9 54	1 14	17 6	0 48	19 57	0 36	12 56	1 44	5 0	14 30	21 39	21 25	21 28	7 25	1 28
T 4	22 48	11 36	4 48	23 1	0 19	15 11	1 47	18 35	1 10	9 56	1 15	17 7	0 48	19 58	0 36	12 56	1 44	5 0	14 29	21 39	21 24	21 27	7 25	1 28
W 5	22 42	6 39	5 9	23 11	0 11	14 45	1 45	18 22	1 9	9 58	1 15	17 8	0 48	19 59	0 36	12 57	1 44	5 0	14 29	21 38	21 24	21 27	7 25	1 28
T 6	22 36	1 30	5 10	23 21	0 4	14 19	1 43	18 8	1 9	10 1	1 15	17 10	0 48	19 59	0 36	12 57	1 44	5 0	14 29	21 37	21 23	21 26	7 26	1 28
F 7	22 29	3s32	4 54	23 29	0s 4	13 53	1 41	17 55	1 9	10 3	1 15	17 11	0 48	20 0	0 36	12 57	1 44	5 1	14 29	21 36	21 23	21 25	7 26	1 27
S 8	22 21	8 15	4 22	23 36	0 11	13 26	1 39	17 41	1 9	10 5	1 15	17 12	0 48	20 0	0 36	12 58	1 44	5 1	14 28	21 36	21 22	21 24	7 26	1 27
S 9	22 13	12 27	3 39	23 43	0 18	12 59	1 36	17 27	1 8	10 7	1 16	17 13	0 49	20 1	0 36	12 58	1 44	5 1	14 28	21 36	21 21	21 23	7 26	1 27
M10	22 5	16 2	2 46	23 48	0 25	12 32	1 34	17 12	1 8	10 9	1 16	17 15	0 49	20 2	0 36	12 58	1 44	5 1	14 28	21 36	21 21	21 23	7 26	1 27
T 11	21 56	18 50	1 47	23 51	0 32	12 4	1 32	16 58	1 8	10 11	1 16	17 16	0 49	20 2	0 36	12 59	1 44	5 1	14 27	21 37	21 20	21 22	7 26	1 27
W12	21 47	20 48	0 45	23 54	0 39	11 36	1 29	16 43	1 7	10 13	1 16	17 18	0 49	20 3	0 36	12 59	1 44	5 1	14 27	21 37	21 20	21 21	7 26	1 27
T 13	21 38	21 49	0n19	23 55	0 46	11 8	1 26	16 28	1 7	10 15	1 16	17 19	0 49	20 3	0 36	12 59	1 44	5 1	14 27	21 37	21 19	21 20	7 27	1 27
F 14	21 28	21 53	1 22	23 55	0 52	10 39	1 23	16 14	1 7	10 17	1 17	17 20	0 49	20 4	0 36	12 59	1 44	5 2	14 27	21 37	21 19	21 19	7 27	1 26
S 15	21 17	20 58	2 22	23 54	0 58	10 10	1 20	15 58	1 7	10 19	1 17	17 22	0 49	20 5	0 36	13 0	1 44	5 2	14 26	21 36	21 18	21 19	7 27	1 26
S 16	21 6	19 8	3 15	23 52	1 4	9 41	1 17	15 43	1 6	10 21	1 17	17 23	0 50	20 5	0 36	13 0	1 44	5 2	14 26	21 35	21 18	21 18	7 27	1 26
M17	20 55	16 27	4 0	23 48	1 10	9 12	1 14	15 28	1 6	10 22	1 17	17 25	0 50	20 6	0 36	13 0	1 44	5 2	14 26	21 34	21 17	21 17	7 28	1 26
T 18	20 43	13 4	4 35	23 43	1 15	8 43	1 11	15 12	1 6	10 24	1 17	17 26	0 50	20 6	0 36	13 0	1 44	5 2	14 25	21 32	21 17	21 16	7 28	1 26
W19	20 31	9 6	4 57	23 36	1 21	8 13	1 8	14 56	1 5	10 26	1 18	17 28	0 50	20 7	0 36	13 0	1 44	5 2	14 25	21 30	21 16	21 15	7 28	1 26
T 20	20 19	4 43	5 6	23 28	1 26	7 44	1 4	14 40	1 5	10 27	1 18	17 29	0 50	20 8	0 36	13 1	1 44	5 3	14 25	21 29	21 15	21 15	7 29	1 26
F 21	20 6	0 5	5 1	23 19	1 30	7 14	1 1	14 24	1 5	10 29	1 18	17 30	0 50	20 8	0 36	13 1	1 45	5 3	14 25	21 27	21 15	21 14	7 29	1 25
S 22	19 53	4n38	4 40	23 9	1 35	6 43	0 57	14 8	1 4	10 30	1 18	17 32	0 50	20 9	0 36	13 1	1 45	5 3	14 24	21 26	21 14	21 13	7 29	1 25
S 23	19 40	9 14	4 5	22 57	1 39	6 13	0 54	13 52	1 4	10 31	1 19	17 33	0 50	20 9	0 36	13 1	1 45	5 3	14 24	21 26	21 14	21 12	7 30	1 25
M24	19 26	13 30	3 16	22 43	1 43	5 43	0 50	13 35	1 3	10 33	1 19	17 35	0 51	20 10	0 36	13 1	1 45	5 3	14 24	21 25	21 13	21 11	7 30	1 25
T 25	19 11	17 10	2 15	22 28	1 47	5 12	0 46	13 19	1 3	10 34	1 19	17 36	0 51	20 11	0 36	13 1	1 45	5 4	14 23	21 25	21 13	21 10	7 31	1 25
W26	18 57	19 58	1 4	22 12	1 50	4 42	0 42	13 2	1 3	10 35	1 19	17 38	0 51	20 11	0 36	13 1	1 45	5 4	14 23	21 25	21 12	21 9	7 31	1 25
T 27	18 42	21 35	0s12	21 54	1 53	4 11	0 38	12 45	1 2	10 36	1 19	17 39	0 51	20 12	0 36	13 2	1 45	5 4	14 23	21 25	21 12	21 9	7 32	1 25
F 28	18 26	21 47	1 29	21 35	1 56	3 40	0 34	12 28	1 2	10 37	1 20	17 41	0 51	20 12	0 36	13 2	1 45	5 4	14 22	21 25	21 11	21 8	7 32	1 24
S 29	18 11	20 29	2 41	21 15	1 58	3 10	0 29	12 11	1 2	10 38	1 20	17 42	0 51	20 13	0 36	13 2	1 45	5 5	14 22	21 25	21 10	21 7	7 33	1 24
S 30	17 55	17 44	3 42	20 53	2 0	2 39	0 25	11 54	1 1	10 39	1 20	17 44	0 51	20 14	0 36	13 2	1 45	5 5	14 22	21 24	21 10	21 6	7 33	1 24
M31	17s39	13n49	4s28	20s29	2s 2	2s 8	0s20	11s36	1s 1	10s40	1n20	17n45	0n51	20n14	0n36	13s 2	1n45	5n 5	14s22	21s22	21s 9	21s 5	7n34	1n24

Julian Day Number = 2496834.5, Delta T = 105.49 sec
Ecliptic obliquity = 23°25'19, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°28'22, Lahiri = 25°35'23

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ASTRODIENST EPHEMERIS for the year 2124
geocentric

FEBRUARY 2124 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 41 59	11♒19'59	23♌20	8♒39	26♓33	3♓ 3	1♏21	12°R48	2°R12	9♏39	25°R12	6°R16	5♐10	2♑ 7	15♈59	T 1
W 2	8 45 56	12°20'54	7♍55	10°21	27°40	3°51	1°24	12♌43	2♌10	9°40	25♉12	6♐ 6	5° 7	2°13	16° 1	W 2
T 3	8 49 52	13°21'48	22° 4	12° 4	28°47	4°38	1°26	12°38	2° 7	9°40	25°11	5°56	5° 3	2°20	16° 3	T 3
F 4	8 53 49	14°22'41	5♎46	13°47	29°54	5°25	1°29	12°33	2° 5	9°40	25°11	5°48	5° 0	2°27	16° 5	F 4
S 5	8 57 45	15°23'33	18°58	15°31	1♈ 1	6°13	1°31	12°28	2° 2	9°40	25°11	5°42	4°57	2°33	16° 7	S 5
S 6	9 1 42	16°24'24	1♏44	17°15	2° 7	7° 0	1°33	12°23	2° 0	9°40	25°11	5°39	4°54	2°40	16°10	S 6
M 7	9 5 38	17°25'15	14° 8	19° 1	3°13	7°47	1°34	12°18	1°57	9°41	25°11	5°D38	4°51	2°47	16°12	M 7
T 8	9 9 35	18°26'04	26°14	20°46	4°19	8°35	1°36	12°14	1°55	9°41	25°11	5°38	4°47	2°53	16°14	T 8
W 9	9 13 32	19°26'53	8♐ 8	22°33	5°24	9°22	1°37	12° 9	1°52	9°41	25°D11	5°R39	4°44	3° 0	16°16	W 9
T 10	9 17 28	20°27'41	19°55	24°20	6°30	10° 9	1°39	12° 4	1°50	9°R41	25°11	5°38	4°41	3° 7	16°19	T 10
F 11	9 21 25	21°28'28	1♑42	26° 8	7°35	10°56	1°40	11°59	1°47	9°41	25°11	5°35	4°38	3°13	16°21	F 11
S 12	9 25 21	22°29'14	13°32	27°56	8°39	11°44	1°40	11°54	1°45	9°41	25°11	5°29	4°35	3°20	16°23	S 12
S 13	9 29 18	23°29'59	25°28	29°45	9°44	12°31	1°41	11°49	1°43	9°41	25°11	5°20	4°32	3°27	16°26	S 13
M14	9 33 14	24°30'42	7♒34	1♓34	10°48	13°18	1°42	11°45	1°40	9°41	25°11	5° 9	4°28	3°33	16°28	M14
T 15	9 37 11	25°31'25	19°50	3°24	11°52	14° 5	1°42	11°40	1°38	9°40	25°12	4°56	4°25	3°40	16°31	T 15
W16	9 41 7	26°32'05	2♓19	5°13	12°56	14°53	1°R42	11°35	1°35	9°40	25°12	4°41	4°22	3°47	16°33	W16
T 17	9 45 4	27°32'45	14°59	7° 3	13°59	15°40	1°42	11°31	1°33	9°40	25°12	4°27	4°19	3°53	16°36	T 17
F 18	9 49 1	28°33'23	27°51	8°52	15° 2	16°27	1°41	11°26	1°31	9°40	25°12	4°15	4°16	4° 0	16°38	F 18
S 19	9 52 57	29°33'59	10♈54	10°41	16° 4	17°14	1°41	11°22	1°29	9°39	25°12	4° 5	4°12	4° 7	16°41	S 19
S 20	9 56 54	0♓34'34	24° 8	12°30	17° 6	18° 1	1°40	11°17	1°27	9°39	25°13	3°59	4° 9	4°13	16°44	S 20
M21	10 0 50	1°35'07	7♉33	14°17	18° 8	18°48	1°39	11°13	1°24	9°39	25°13	3°55	4° 6	4°20	16°46	M21
T 22	10 4 47	2°35'38	21°11	16° 3	19° 9	19°35	1°38	11° 8	1°22	9°38	25°13	3°54	4° 3	4°27	16°49	T 22
W23	10 8 43	3°36'07	5♊ 1	17°47	20°10	20°22	1°37	11° 4	1°20	9°38	25°13	3°53	4° 0	4°33	16°52	W23
T 24	10 12 40	4°36'35	19° 4	19°29	21°11	21° 9	1°36	10°59	1°18	9°38	25°14	3°53	3°57	4°40	16°55	T 24
F 25	10 16 36	5°37'00	3♋21	21° 9	22°11	21°56	1°34	10°55	1°16	9°37	25°14	3°51	3°53	4°47	16°58	F 25
S 26	10 20 33	6°37'24	17°49	22°45	23°11	22°43	1°32	10°51	1°14	9°37	25°14	3°47	3°50	4°53	17° 1	S 26
S 27	10 24 30	7°37'46	2♌25	24°18	24°10	23°30	1°30	10°47	1°12	9°36	25°15	3°40	3°47	5° 0	17° 3	S 27
M28	10 28 26	8°38'05	17° 2	25°46	25° 9	24°17	1°28	10°43	1°10	9°36	25°15	3°30	3°44	5° 7	17° 6	M28
T 29	10 32 23	9♓38'23	1♍35	27♓10	26♈ 7	25♓ 4	1♏26	10♌39	1♌ 8	9♏35	25♉16	3♐18	3♐41	5♑13	17♈ 9	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s22	9n 4	4s56	20s 4	2s 3	1s37	0s16	11s19	1s 0	10s41	1n21	17n47	0n51	20n15	0n36	13s 2	1n45	5n 5	14s21	21s20	21s 9	21s 4	7n35	1n24
W 2	17 5	3 54	5 3	19 38	2 4	1 6	0 11	11 1	1 0	10 41	1 21	17 48	0 52	20 15	0 36	13 2	1 45	5 6	14 21	21 19	21 8	21 3	7 35	1 24
T 3	16 48	1s19	4 51	19 10	2 5	0 35	0 7	10 44	0 59	10 42	1 21	17 50	0 52	20 16	0 36	13 2	1 45	5 6	14 21	21 17	21 8	21 2	7 36	1 24
F 4	16 30	6 19	4 23	18 41	2 5	0 4	0 2	10 26	0 59	10 43	1 21	17 51	0 52	20 17	0 36	13 2	1 45	5 6	14 20	21 15	21 7	21 1	7 36	1 23
S 5	16 13	10 50	3 42	18 10	2 5	0n27	0n 3	10 8	0 59	10 43	1 21	17 53	0 52	20 17	0 36	13 2	1 45	5 7	14 20	21 15	21 6	21 1	7 37	1 23
S 6	15 54	14 44	2 50	17 37	2 4	0 58	0 8	9 50	0 58	10 43	1 22	17 54	0 52	20 18	0 36	13 2	1 46	5 7	14 20	21 14	21 6	21 0	7 38	1 23
M 7	15 36	17 51	1 52	17 4	2 3	1 29	0 13	9 32	0 58	10 44	1 22	17 56	0 52	20 18	0 36	13 2	1 46	5 7	14 19	21 14	21 5	20 59	7 39	1 23
T 8	15 18	20 6	0 50	16 28	2 1	2 0	0 18	9 14	0 57	10 44	1 22	17 57	0 52	20 19	0 36	13 2	1 46	5 7	14 19	21 14	21 5	20 58	7 39	1 23
W 9	14 59	21 26	0n13	15 52	1 59	2 30	0 24	8 56	0 57	10 44	1 22	17 59	0 52	20 19	0 36	13 2	1 46	5 8	14 19	21 14	21 4	20 57	7 40	1 23
T 10	14 39	21 47	1 15	15 14	1 56	3 1	0 29	8 38	0 56	10 45	1 23	18 0	0 52	20 20	0 36	13 2	1 46	5 8	14 18	21 14	21 4	20 56	7 41	1 23
F 11	14 20	21 11	2 14	14 34	1 53	3 32	0 34	8 19	0 56	10 45	1 23	18 1	0 52	20 20	0 36	13 2	1 46	5 8	14 18	21 13	21 3	20 55	7 42	1 22
S 12	14 0	19 39	3 6	13 54	1 49	4 2	0 40	8 1	0 55	10 45	1 23	18 3	0 52	20 21	0 36	13 2	1 46	5 9	14 18	21 12	21 2	20 54	7 42	1 22
S 13	13 41	17 14	3 52	13 11	1 45	4 33	0 45	7 42	0 55	10 45	1 23	18 4	0 53	20 21	0 36	13 2	1 46	5 9	14 17	21 11	21 2	20 53	7 43	1 22
M14	13 21	14 4	4 27	12 28	1 40	5 3	0 51	7 24	0 54	10 45	1 24	18 6	0 53	20 22	0 36	13 1	1 46	5 9	14 17	21 9	21 1	20 52	7 44	1 22
T 15	13 0	10 16	4 50	11 43	1 35	5 33	0 57	7 5	0 54	10 45	1 24	18 7	0 53	20 22	0 36	13 1	1 46	5 10	14 17	21 6	21 1	20 51	7 45	1 22
W16	12 40	5 58	5 0	10 58	1 28	6 3	1 2	6 46	0 53	10 44	1 24	18 8	0 53	20 23	0 36	13 1	1 46	5 10	14 16	21 4	21 0	20 50	7 46	1 22
T 17	12 19	1 22	4 55	10 11	1 22	6 33	1 8	6 28	0 53	10 44	1 24	18 10	0 53	20 24	0 36	13 1	1 46	5 11	14 16	21 1	20 59	20 49	7 47	1 22
F 18	11 58	3n22	4 35	9 23	1 14	7 3	1 14	6 9	0 52	10 44	1 24	18 11	0 53	20 24	0 36	13 1	1 46	5 11	14 16	20 59	20 59	20 48	7 47	1 22
S 19	11 37	8 1	4 1	8 34	1 6	7 33	1 20	5 50	0 52	10 44	1 25	18 13	0 53	20 24	0 36	13 1	1 46	5 11	14 15	20 57	20 58	20 47	7 48	1 21
S 20	11 16	12 21	3 13	7 45	0 57	8 2	1 26	5 31	0 51	10 43	1 25	18 14	0 53	20 25	0 36	13 1	1 46	5 12	14 15	20 56	20 58	20 46	7 49	1 21
M21	10 54	16 8	2 14	6 55	0 48	8 31	1 32	5 12	0 51	10 43	1 25	18 15	0 53	20 25	0 36	13 1	1 46	5 12	14 15	20 55	20 57	20 45	7 50	1 21
T 22	10 33	19 7	1 7	6 4	0 37	9 0	1 38	4 54	0 50	10 42	1 25	18 16	0 53	20 26	0 36	13 0	1 46	5 12	14 14	20 55	20 57	20 44	7 51	1 21
W23	10 11	21 1	0s 6	5 14	0 27	9 29	1 44	4 35	0 50	10 41	1 26	18 18	0 53	20 26	0 36	13 0	1 47	5 13	14 14	20 55	20 56	20 43	7 52	1 21
T 24	9 49	21 39	1 19	4 23	0 15	9 58	1 50	4 16	0 49	10 41	1 26	18 19	0 53	20 27	0 36	13 0	1 47	5 13	14 14	20 55	20 55	20 42	7 53	1 21
F 25	9 27	20 54	2 29	3 33	0 3	10 26	1 56	3 57	0 49	10 40	1 26	18 20	0 53	20 27	0 36	13 0	1 47	5 14	14 13	20 54	20 55	20 41	7 54	1 21
S 26	9 4	18 46	3 30	2 44	0n10	10 54	2 3	3 38	0 48	10 39	1 26	18 21	0 53	20 28	0 36	13 0	1 47	5 14	14 13	20 54	20 54	20 40	7 55	1 21
S 27	8 42	15 25	4 17	1 55	0 23	11 22	2 9	3 19	0 48	10 38	1 26	18 22	0 53	20 28	0 36	12 59	1 47	5 14	14 13	20 52	20 54	20 39	7 56	1 21
M28	8 20	11 8	4 48	1 7	0 36	11 49	2 15	2 59	0 47	10 37	1 27	18 24	0 54	20 28	0 36	12 59	1 47	5 15	14 12	20 50	20 53	20 38	7 57	1 20
T 29	7s57	6n13	5s 0	0s21	0n50	12n17	2n22	2s40	0s47	10s36	1n27	18n25	0n54	20n29	0n36	12s59	1n47	5n15	14s12	20s48	20s52	20s37	7n58	1n20

Julian Day Number = 2496865.5, Delta T = 105.54 sec
Ecliptic obliquity = 23°25'19, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°28'27, Lahiri = 25°35'27

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ASTRODIENST EPHEMERIS for the year 2124
geocentric

MARCH 2124 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 36 19	10♓38'39	15♍55	28♓28	27♈ 4	25♓51	1°R23	10°R35	1°R 6	9°R34	25♉16	3°R 6	3♐38	5♑20	17♈12	W 1
T 2	10 40 16	11°38'54	29°56	29°40	28° 2	26°38	1♏20	10♌31	1♌ 5	9♏34	25°17	2♐55	3°34	5°27	17°15	T 2
F 3	10 44 12	12°39'07	13♎33	0♈45	28°58	27°25	1°17	10°27	1° 3	9°33	25°17	2°45	3°31	5°33	17°19	F 3
S 4	10 48 9	13°39'18	26°46	1°42	29°54	28°11	1°14	10°24	1° 1	9°32	25°18	2°38	3°28	5°40	17°22	S 4
S 5	10 52 5	14°39'28	9♏34	2°32	0♉50	28°58	1°11	10°20	0°59	9°31	25°18	2°33	3°25	5°47	17°25	S 5
M 6	10 56 2	15°39'36	22° 1	3°14	1°44	29°45	1° 7	10°17	0°58	9°31	25°19	2°31	3°22	5°53	17°28	M 6
T 7	10 59 59	16°39'42	4♐10	3°47	2°39	0♈31	1° 4	10°13	0°56	9°30	25°19	2°D31	3°18	6° 0	17°31	T 7
W 8	11 3 55	17°39'47	16° 7	4°11	3°32	1°18	1° 0	10°10	0°55	9°29	25°20	2°R31	3°15	6° 7	17°34	W 8
T 9	11 7 52	18°39'51	27°57	4°26	4°25	2° 5	0°56	10° 6	0°53	9°28	25°20	2°31	3°12	6°13	17°38	T 9
F 10	11 11 48	19°39'53	9♑45	4°R31	5°17	2°51	0°52	10° 3	0°52	9°27	25°21	2°29	3° 9	6°20	17°41	F 10
S 11	11 15 45	20°39'53	21°38	4°28	6° 9	3°38	0°48	10° 0	0°50	9°26	25°22	2°25	3° 6	6°27	17°44	S 11
S 12	11 19 41	21°39'52	3♒38	4°16	7° 0	4°24	0°43	9°57	0°49	9°25	25°22	2°18	3° 3	6°33	17°47	S 12
M13	11 23 38	22°39'48	15°51	3°55	7°50	5°11	0°39	9°54	0°47	9°24	25°23	2° 8	2°59	6°40	17°51	M13
T 14	11 27 34	23°39'43	28°18	3°27	8°39	5°57	0°34	9°51	0°46	9°23	25°24	1°57	2°56	6°47	17°54	T 14
W15	11 31 31	24°39'37	11♓ 0	2°52	9°27	6°44	0°29	9°48	0°45	9°22	25°25	1°45	2°53	6°53	17°57	W15
T 16	11 35 28	25°39'28	23°59	2°10	10°15	7°30	0°24	9°46	0°44	9°21	25°25	1°33	2°50	7° 0	18° 1	T 16
F 17	11 39 24	26°39'17	7♈12	1°23	11° 1	8°16	0°19	9°43	0°42	9°20	25°26	1°22	2°47	7° 7	18° 4	F 17
S 18	11 43 21	27°39'05	20°39	0°32	11°47	9° 3	0°13	9°41	0°41	9°19	25°27	1°14	2°43	7°13	18° 8	S 18
S 19	11 47 17	28°38'50	4♉16	29♓38	12°31	9°49	0° 8	9°38	0°40	9°18	25°28	1° 8	2°40	7°20	18°11	S 19
M20	11 51 14	29°38'33	18° 2	28°43	13°15	10°35	0° 2	9°36	0°39	9°17	25°28	1° 5	2°37	7°27	18°14	M20
T 21	11 55 10	0♈38'14	1♊54	27°47	13°58	11°21	29♎56	9°34	0°38	9°16	25°29	1°D 4	2°34	7°33	18°18	T 21
W22	11 59 7	1°37'53	15°53	26°51	14°39	12° 7	29°50	9°32	0°37	9°15	25°30	1° 5	2°31	7°40	18°21	W22
T 23	12 3 3	2°37'29	29°57	25°58	15°20	12°53	29°44	9°30	0°37	9°13	25°31	1°R 6	2°28	7°47	18°25	T 23
F 24	12 7 0	3°37'03	14♋ 6	25° 7	15°59	13°39	29°38	9°28	0°36	9°12	25°32	1° 5	2°24	7°53	18°28	F 24
S 25	12 10 56	4°36'35	28°17	24°21	16°37	14°25	29°32	9°26	0°35	9°11	25°33	1° 3	2°21	8° 0	18°32	S 25
S 26	12 14 53	5°36'05	12♌30	23°38	17°13	15°11	29°25	9°24	0°34	9°10	25°34	0°58	2°18	8° 7	18°35	S 26
M27	12 18 50	6°35'32	26°40	23° 0	17°49	15°57	29°19	9°23	0°34	9° 8	25°35	0°51	2°15	8°13	18°39	M27
T 28	12 22 46	7°34'57	10♍44	22°28	18°23	16°43	29°12	9°21	0°33	9° 7	25°36	0°43	2°12	8°20	18°42	T 28
W29	12 26 43	8°34'19	24°38	22° 2	18°55	17°29	29° 6	9°20	0°33	9° 6	25°36	0°34	2° 9	8°27	18°46	W29
T 30	12 30 39	9°33'40	8♎17	21°41	19°26	18°15	28°59	9°19	0°32	9° 4	25°37	0°26	2° 5	8°33	18°50	T 30
F 31	12 34 36	10♈32'58	21♎38	21♓26	19♉56	19♈ 1	28♎52	9♌18	0♌32	9♏ 3	25♉38	0♐18	2♐ 2	8♑40	18♈53	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s34	1n 3	4s53	0n23	1n 5	12n44	2n28	2s21	0s46	10s35	1n27	18n26	0n54	20n29	0n36	12s59	1n47	5n15	14s12	20s46	20s52	20s36	7n59	1n20
T 2	7 11	4s 4	4 28	1 4	1 19	13 10	2 35	2 2	0 46	10 34	1 27	18 27	0 54	20 30	0 36	12 58	1 47	5 16	14 12	20 44	20 51	20 35	8 0	1 20
F 3	6 48	8 51	3 48	1 43	1 33	13 37	2 41	1 43	0 45	10 33	1 27	18 28	0 54	20 30	0 36	12 58	1 47	5 16	14 11	20 42	20 51	20 34	8 1	1 20
S 4	6 25	13 4	2 57	2 19	1 48	14 3	2 48	1 24	0 45	10 31	1 28	18 29	0 54	20 30	0 36	12 58	1 47	5 17	14 11	20 40	20 50	20 33	8 2	1 20
S 5	6 2	16 32	1 58	2 52	2 2	14 28	2 54	1 5	0 44	10 30	1 28	18 30	0 54	20 31	0 36	12 58	1 47	5 17	14 11	20 39	20 49	20 32	8 4	1 20
M 6	5 39	19 9	0 55	3 21	2 16	14 54	3 1	0 46	0 43	10 29	1 28	18 31	0 54	20 31	0 36	12 57	1 47	5 18	14 10	20 39	20 49	20 31	8 5	1 20
T 7	5 16	20 49	0n 9	3 47	2 29	15 19	3 7	0 27	0 43	10 27	1 28	18 32	0 54	20 31	0 36	12 57	1 47	5 18	14 10	20 39	20 48	20 30	8 6	1 20
W 8	4 52	21 31	1 12	4 8	2 41	15 43	3 14	0 8	0 42	10 26	1 28	18 33	0 54	20 32	0 36	12 57	1 47	5 18	14 10	20 39	20 48	20 29	8 7	1 19
T 9	4 29	21 14	2 11	4 24	2 53	16 8	3 20	0n11	0 42	10 24	1 29	18 34	0 54	20 32	0 36	12 56	1 47	5 19	14 9	20 39	20 47	20 28	8 8	1 19
F 10	4 5	20 0	3 4	4 36	3 4	16 31	3 27	0 30	0 41	10 23	1 29	18 35	0 54	20 32	0 36	12 56	1 47	5 19	14 9	20 39	20 46	20 27	8 9	1 19
S 11	3 42	17 54	3 50	4 44	3 13	16 55	3 33	0 49	0 40	10 21	1 29	18 36	0 54	20 33	0 36	12 56	1 47	5 20	14 9	20 38	20 46	20 26	8 10	1 19
S 12	3 18	15 1	4 26	4 46	3 21	17 18	3 40	1 8	0 40	10 19	1 29	18 37	0 54	20 33	0 36	12 55	1 47	5 20	14 9	20 36	20 45	20 25	8 12	1 19
M13	2 55	11 27	4 50	4 44	3 27	17 41	3 47	1 27	0 39	10 18	1 29	18 37	0 54	20 33	0 36	12 55	1 48	5 21	14 8	20 34	20 44	20 24	8 13	1 19
T 14	2 31	7 20	5 2	4 37	3 32	18 3	3 53	1 46	0 39	10 16	1 30	18 38	0 54	20 33	0 36	12 55	1 48	5 21	14 8	20 32	20 44	20 23	8 14	1 19
W15	2 7	2 50	4 58	4 25	3 35	18 25	4 0	2 5	0 38	10 14	1 30	18 39	0 54	20 34	0 36	12 54	1 48	5 21	14 8	20 30	20 43	20 22	8 15	1 19
T 16	1 43	1n54	4 40	4 10	3 36	18 46	4 6	2 24	0 38	10 12	1 30	18 40	0 54	20 34	0 36	12 54	1 48	5 22	14 7	20 27	20 43	20 21	8 16	1 19
F 17	1 20	6 37	4 6	3 50	3 35	19 7	4 13	2 43	0 37	10 10	1 30	18 40	0 54	20 34	0 36	12 53	1 48	5 22	14 7	20 25	20 42	20 20	8 18	1 19
S 18	0 56	11 7	3 18	3 27	3 32	19 28	4 19	3 2	0 36	10 8	1 30	18 41	0 54	20 34	0 36	12 53	1 48	5 23	14 7	20 23	20 41	20 19	8 19	1 18
S 19	0 32	15 6	2 18	3 1	3 27	19 48	4 26	3 20	0 36	10 6	1 30	18 42	0 54	20 35	0 36	12 53	1 48	5 23	14 7	20 22	20 41	20 18	8 20	1 18
M20	0 9	18 18	1 9	2 33	3 20	20 7	4 32	3 39	0 35	10 4	1 30	18 42	0 54	20 35	0 36	12 52	1 48	5 24	14 6	20 22	20 40	20 16	8 21	1 18
T 21	0n15	20 27	0s 4	2 3	3 11	20 26	4 38	3 58	0 35	10 2	1 31	18 43	0 54	20 35	0 36	12 52	1 48	5 24	14 6	20 22	20 40	20 15	8 22	1 18
W22	0 39	21 23	1 18	1 31	3 1	20 45	4 44	4 16	0 34	10 0	1 31	18 44	0 54	20 35	0 36	12 51	1 48	5 24	14 6	20 22	20 39	20 14	8 24	1 18
T 23	1 3	20 57	2 28	1 0	2 50	21 3	4 51	4 35	0 33	9 57	1 31	18 44	0 54	20 35	0 36	12 51	1 48	5 25	14 6	20 22	20 38	20 13	8 25	1 18
F 24	1 26	19 13	3 29	0 28	2 37	21 20	4 57	4 53	0 33	9 55	1 31	18 45	0 54	20 35	0 36	12 51	1 48	5 25	14 5	20 22	20 38	20 12	8 26	1 18
S 25	1 50	16 17	4 18	0s 3	2 23	21 37	5 3	5 11	0 32	9 53	1 31	18 45	0 54	20 36	0 36	12 50	1 48	5 26	14 5	20 21	20 37	20 11	8 27	1 18
S 26	2 13	12 24	4 50	0 33	2 9	21 54	5 9	5 30	0 31	9 50	1 31	18 46	0 54	20 36	0 36	12 50	1 48	5 26	14 5	20 20	20 36	20 10	8 29	1 18
M27	2 37	7 50	5 5	1 2	1 54	22 9	5 15	5 48	0 31	9 48	1 31	18 46	0 54	20 36	0 36	12 49	1 48	5 27	14 4	20 19	20 36	20 9	8 30	1 18
T 28	3 0	2 53	5 1	1 29	1 38	22 25	5 20	6 6	0 30	9 46	1 31	18 46	0 54	20 36	0 36	12 49	1 48	5 27	14 4	20 17	20 35	20 8	8 31	1 18
W29	3 24	2s 9	4 40	1 54	1 23	22 39	5 26	6 24	0 30	9 43	1 31	18 47	0 54	20 36	0 36	12 48	1 48	5 28	14 4	20 15	20 35	20 6	8 33	1 17
T 30	3 47	6 59	4 2	2 16	1 7	22 53	5 31	6 42	0 29	9 41	1 32	18 47	0 54	20 36	0 36	12 48	1 48	5 28	14 4	20 14	20 34	20 5	8 34	1 17
F 31	4n10	11s24	3s12	2s36	0n51	23n 7	5n37	7n 0	0s28	9s38	1n32	18n47	0n54	20n36	0n36	12s47	1n48	5n28	14s 4	20s12	20s33	20s 4	8n35	1n17

Julian Day Number = 2496894.5, Delta T = 105.59 sec
Ecliptic obliquity = 23°25'20, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°28'31, Lahiri = 25°35'31

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ASTRODIENST EPHEMERIS for the year 2124
geocentric

APRIL 2124 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 32	11♈32'15	4♏40	21°R17	20♉24	19♈46	28°R45	9°R17	0°R31	9°R 1	25♉39	0°R13	1♐59	8♑47	18♈57	S 1
S 2	12 42 29	12°31'30	17°22	21°D13	20°50	20°32	28♎38	9♌16	0♌31	9♏ 0	25°40	0♐10	1°56	8°53	19° 0	S 2
M 3	12 46 25	13°30'42	29°47	21♓16	21°14	21°18	28°31	9°15	0°31	8°59	25°42	0°D 9	1°53	9° 0	19° 4	M 3
T 4	12 50 22	14°29'53	11♐56	21°24	21°37	22° 3	28°24	9°14	0°31	8°57	25°43	0°10	1°49	9° 7	19° 7	T 4
W 5	12 54 19	15°29'03	23°54	21°37	21°58	22°49	28°16	9°13	0°30	8°56	25°44	0°11	1°46	9°13	19°11	W 5
T 6	12 58 15	16°28'10	5♑46	21°55	22°17	23°34	28° 9	9°13	0°30	8°54	25°45	0°13	1°43	9°20	19°15	T 6
F 7	13 2 12	17°27'16	17°36	22°18	22°34	24°20	28° 2	9°13	0°D30	8°53	25°46	0°R13	1°40	9°27	19°18	F 7
S 8	13 6 8	18°26'20	29°30	22°45	22°49	25° 5	27°54	9°12	0°30	8°51	25°47	0°13	1°37	9°33	19°22	S 8
S 9	13 10 5	19°25'22	11♒32	23°17	23° 2	25°50	27°47	9°12	0°30	8°50	25°48	0°10	1°34	9°40	19°25	S 9
M10	13 14 1	20°24'22	23°48	23°53	23°13	26°36	27°39	9°D12	0°30	8°48	25°49	0° 6	1°30	9°47	19°29	M10
T 11	13 17 58	21°23'20	6♓20	24°33	23°21	27°21	27°31	9°12	0°31	8°47	25°50	0° 0	1°27	9°53	19°33	T 11
W12	13 21 54	22°22'17	19°11	25°17	23°28	28° 6	27°24	9°12	0°31	8°45	25°51	29♏54	1°24	10° 0	19°36	W12
T 13	13 25 51	23°21'12	2♈23	26° 4	23°32	28°51	27°16	9°13	0°31	8°44	25°53	29°48	1°21	10° 7	19°40	T 13
F 14	13 29 48	24°20'05	15°54	26°54	23°R34	29°36	27° 8	9°13	0°31	8°42	25°54	29°42	1°18	10°13	19°43	F 14
S 15	13 33 44	25°18'56	29°42	27°48	23°33	0♉21	27° 1	9°13	0°32	8°40	25°55	29°38	1°15	10°20	19°47	S 15
S 16	13 37 41	26°17'45	13♉45	28°45	23°30	1° 6	26°53	9°14	0°32	8°39	25°56	29°35	1°11	10°27	19°51	S 16
M17	13 41 37	27°16'32	27°57	29°45	23°24	1°51	26°45	9°15	0°33	8°37	25°57	29°D34	1° 8	10°33	19°54	M17
T 18	13 45 34	28°15'16	12♊15	0♈47	23°16	2°36	26°38	9°15	0°33	8°36	25°58	29°35	1° 5	10°40	19°58	T 18
W19	13 49 30	29°13'59	26°35	1°52	23° 6	3°21	26°30	9°16	0°34	8°34	26° 0	29°36	1° 2	10°47	20° 1	W19
T 20	13 53 27	0♉12'40	10♋53	3° 0	22°53	4° 6	26°22	9°17	0°34	8°32	26° 1	29°38	0°59	10°53	20° 5	T 20
F 21	13 57 23	1°11'18	25° 7	4°10	22°38	4°51	26°15	9°19	0°35	8°31	26° 2	29°R39	0°55	11° 0	20° 8	F 21
S 22	14 1 20	2° 9'54	9♌14	5°22	22°20	5°35	26° 7	9°20	0°36	8°29	26° 3	29°38	0°52	11° 7	20°12	S 22
S 23	14 5 17	3° 8'28	23°13	6°37	22° 0	6°20	25°59	9°21	0°37	8°28	26° 5	29°37	0°49	11°14	20°16	S 23
M24	14 9 13	4° 6'59	7♍ 3	7°54	21°38	7° 5	25°52	9°23	0°38	8°26	26° 6	29°35	0°46	11°20	20°19	M24
T 25	14 13 10	5° 5'28	20°42	9°13	21°13	7°49	25°44	9°24	0°39	8°24	26° 7	29°32	0°43	11°27	20°23	T 25
W26	14 17 6	6° 3'55	4♎ 8	10°34	20°46	8°34	25°37	9°26	0°39	8°23	26° 8	29°28	0°40	11°34	20°26	W26
T 27	14 21 3	7° 2'21	17°21	11°57	20°18	9°18	25°29	9°28	0°40	8°21	26°10	29°25	0°36	11°40	20°30	T 27
F 28	14 24 59	8° 0'44	0♏20	13°22	19°47	10° 3	25°22	9°30	0°42	8°19	26°11	29°22	0°33	11°47	20°33	F 28
S 29	14 28 56	8°59'05	13° 3	14°49	19°15	10°47	25°15	9°31	0°43	8°18	26°12	29°20	0°30	11°54	20°37	S 29
S 30	14 32 52	9♉57'25	25♏33	16♈18	18♉41	11♉31	25♎ 7	9♌34	0♌44	8♏16	26♉14	29°D19	0♐27	12♑ 0	20♈40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n34	15s 9	2s13	2s54	0n36	23n19	5n42	7n18	0s28	9s36	1n32	18n48	0n54	20n36	0n36	12s47	1n48	5n29	14s 3	20s11	20s33	20s 3	8n36	1n17
S 2	4 57	18 6	1 9	3 9	0 21	23 31	5 47	7 36	0 27	9 33	1 32	18 48	0 54	20 36	0 36	12 47	1 48	5 29	14 3	20 10	20 32	20 2	8 38	1 17
M 3	5 20	20 7	0 2	3 22	0 7	23 43	5 52	7 53	0 26	9 30	1 32	18 48	0 54	20 36	0 36	12 46	1 48	5 30	14 3	20 10	20 31	20 1	8 39	1 17
T 4	5 43	21 9	1n 3	3 32	0s 8	23 53	5 57	8 11	0 26	9 28	1 32	18 48	0 54	20 36	0 36	12 46	1 48	5 30	14 3	20 10	20 31	20 0	8 40	1 17
W 5	6 6	21 12	2 5	3 39	0 21	24 3	6 1	8 29	0 25	9 25	1 32	18 48	0 54	20 36	0 36	12 45	1 48	5 31	14 2	20 11	20 30	19 58	8 42	1 17
T 6	6 28	20 17	3 1	3 44	0 34	24 12	6 5	8 46	0 25	9 23	1 32	18 49	0 54	20 36	0 36	12 45	1 48	5 31	14 2	20 11	20 29	19 57	8 43	1 17
F 7	6 51	18 29	3 49	3 46	0 47	24 20	6 9	9 3	0 24	9 20	1 32	18 49	0 54	20 36	0 36	12 44	1 48	5 32	14 2	20 11	20 29	19 56	8 44	1 17
S 8	7 13	15 53	4 27	3 46	0 59	24 28	6 13	9 20	0 23	9 17	1 32	18 49	0 54	20 36	0 35	12 44	1 48	5 32	14 2	20 11	20 28	19 55	8 45	1 17
S 9	7 36	12 35	4 54	3 44	1 10	24 34	6 16	9 38	0 23	9 15	1 32	18 49	0 54	20 36	0 35	12 43	1 48	5 32	14 2	20 10	20 28	19 54	8 47	1 17
M10	7 58	8 43	5 8	3 40	1 21	24 40	6 19	9 55	0 22	9 12	1 32	18 49	0 54	20 36	0 35	12 43	1 49	5 33	14 1	20 9	20 27	19 53	8 48	1 17
T 11	8 20	4 24	5 8	3 33	1 31	24 45	6 22	10 11	0 21	9 9	1 32	18 49	0 54	20 36	0 35	12 42	1 49	5 33	14 1	20 8	20 26	19 52	8 49	1 17
W12	8 42	0n13	4 53	3 24	1 40	24 49	6 24	10 28	0 21	9 6	1 32	18 49	0 54	20 36	0 35	12 42	1 49	5 34	14 1	20 7	20 26	19 50	8 51	1 16
T 13	9 4	4 57	4 22	3 14	1 49	24 52	6 26	10 45	0 20	9 4	1 32	18 49	0 54	20 36	0 35	12 41	1 49	5 34	14 1	20 6	20 25	19 49	8 52	1 16
F 14	9 26	9 34	3 36	3 1	1 57	24 54	6 28	11 1	0 19	9 1	1 32	18 49	0 54	20 36	0 35	12 41	1 49	5 35	14 1	20 4	20 24	19 48	8 53	1 16
S 15	9 47	13 47	2 36	2 47	2 5	24 55	6 29	11 18	0 19	8 58	1 32	18 48	0 54	20 36	0 35	12 40	1 49	5 35	14 0	20 3	20 24	19 47	8 55	1 16
S 16	10 9	17 19	1 25	2 30	2 11	24 55	6 29	11 34	0 18	8 55	1 32	18 48	0 54	20 36	0 35	12 40	1 49	5 35	14 0	20 3	20 23	19 46	8 56	1 16
M17	10 30	19 50	0 9	2 12	2 18	24 53	6 30	11 50	0 17	8 53	1 32	18 48	0 54	20 36	0 35	12 39	1 49	5 36	14 0	20 3	20 22	19 44	8 57	1 16
T 18	10 51	21 6	1s 9	1 53	2 23	24 51	6 29	12 6	0 17	8 50	1 32	18 48	0 54	20 35	0 35	12 38	1 49	5 36	14 0	20 3	20 22	19 43	8 58	1 16
W19	11 12	21 0	2 23	1 32	2 28	24 47	6 28	12 22	0 16	8 47	1 32	18 48	0 54	20 35	0 35	12 38	1 49	5 37	14 0	20 3	20 21	19 42	9 0	1 16
T 20	11 32	19 32	3 27	1 9	2 33	24 42	6 27	12 38	0 16	8 44	1 32	18 47	0 54	20 35	0 35	12 37	1 49	5 37	14 0	20 3	20 20	19 41	9 1	1 16
F 21	11 53	16 51	4 19	0 44	2 37	24 36	6 25	12 54	0 15	8 42	1 32	18 47	0 54	20 35	0 35	12 37	1 49	5 38	13 59	20 4	20 20	19 40	9 2	1 16
S 22	12 13	13 12	4 54	0 19	2 40	24 29	6 22	13 9	0 14	8 39	1 32	18 47	0 54	20 35	0 35	12 36	1 49	5 38	13 59	20 4	20 19	19 38	9 4	1 16
S 23	12 33	8 51	5 12	0n 8	2 42	24 20	6 19	13 25	0 14	8 36	1 32	18 46	0 54	20 35	0 35	12 36	1 49	5 38	13 59	20 3	20 18	19 37	9 5	1 16
M24	12 53	4 6	5 11	0 37	2 44	24 11	6 14	13 40	0 13	8 34	1 32	18 46	0 54	20 34	0 35	12 35	1 49	5 39	13 59	20 3	20 18	19 36	9 6	1 16
T 25	13 13	0s48	4 53	1 6	2 46	23 59	6 10	13 55	0 12	8 31	1 32	18 45	0 54	20 34	0 35	12 35	1 49	5 39	13 59	20 2	20 17	19 35	9 7	1 16
W26	13 32	5 36	4 19	1 37	2 47	23 47	6 4	14 10	0 12	8 28	1 32	18 45	0 54	20 34	0 35	12 34	1 49	5 40	13 59	20 1	20 16	19 33	9 9	1 16
T 27	13 51	10 3	3 31	2 9	2 47	23 33	5 58	14 25	0 11	8 26	1 31	18 45	0 54	20 34	0 35	12 34	1 49	5 40	13 59	20 1	20 16	19 32	9 10	1 16
F 28	14 10	13 58	2 33	2 42	2 47	23 18	5 51	14 39	0 10	8 23	1 31	18 44	0 54	20 33	0 35	12 33	1 49	5 40	13 59	20 0	20 15	19 31	9 11	1 16
S 29	14 29	17 9	1 29	3 17	2 46	23 2	5 44	14 54	0 10	8 21	1 31	18 44	0 54	20 33	0 35	12 33	1 49	5 41	13 58	20 0	20 14	19 30	9 13	1 16
S 30	14n47	19s28	0s21	3n52	2s45	22n44	5n35	15n 8	0s 9	8s18	1n31	18n43	0n54	20n33	0n35	12s32	1n49	5n41	13s58	19s59	20s14	19s29	9n14	1n15

Julian Day Number = 2496925.5, Delta T = 105.63 sec
Ecliptic obliquity = 23°25'19, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°28'35, Lahiri = 25°35'35

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ASTRODIENST EPHEMERIS for the year 2124
geocentric

MAY 2124 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 36 49	10♉55'43	7♐49	17♈49	18°R 6	12♉15	25°R 0	9♌36	0♌45	8°R15	26♉15	29♏19	0♐24	12♑ 7	20♈43	M 1
T 2	14 40 46	11°53'59	19°54	19°22	17♉30	13° 0	24♎53	9°38	0°46	8♏13	26°16	29°20	0°20	12°14	20°47	T 2
W 3	14 44 42	12°52'14	1♑51	20°57	16°53	13°44	24°46	9°40	0°48	8°11	26°18	29°22	0°17	12°20	20°50	W 3
T 4	14 48 39	13°50'27	13°43	22°33	16°16	14°28	24°39	9°43	0°49	8°10	26°19	29°23	0°14	12°27	20°54	T 4
F 5	14 52 35	14°48'39	25°33	24°12	15°38	15°12	24°32	9°46	0°50	8° 8	26°20	29°24	0°11	12°34	20°57	F 5
S 6	14 56 32	15°46'49	7♒27	25°52	15° 0	15°56	24°26	9°48	0°52	8° 6	26°22	29°25	0° 8	12°40	21° 0	S 6
S 7	15 0 28	16°44'57	19°30	27°34	14°23	16°40	24°19	9°51	0°53	8° 5	26°23	29°R25	0° 5	12°47	21° 4	S 7
M 8	15 4 25	17°43'04	1♓45	29°18	13°45	17°24	24°12	9°54	0°55	8° 3	26°24	29°25	0° 1	12°54	21° 7	M 8
T 9	15 8 21	18°41'10	14°17	1♉ 4	13° 9	18° 8	24° 6	9°57	0°57	8° 2	26°26	29°24	29♏58	13° 0	21°10	T 9
W10	15 12 18	19°39'14	27° 9	2°52	12°33	18°51	23°59	10° 0	0°58	8° 0	26°27	29°23	29°55	13° 7	21°14	W10
T 11	15 16 14	20°37'17	10♈25	4°42	11°58	19°35	23°53	10° 3	1° 0	7°58	26°28	29°22	29°52	13°14	21°17	T 11
F 12	15 20 11	21°35'19	24° 4	6°34	11°25	20°19	23°47	10° 6	1° 2	7°57	26°30	29°21	29°49	13°20	21°20	F 12
S 13	15 24 8	22°33'19	8♉ 6	8°27	10°53	21° 2	23°41	10°10	1° 4	7°55	26°31	29°20	29°46	13°27	21°23	S 13
S 14	15 28 4	23°31'18	22°28	10°23	10°23	21°46	23°35	10°13	1° 5	7°54	26°32	29°D20	29°42	13°34	21°26	S 14
M15	15 32 1	24°29'15	7♊ 4	12°20	9°55	22°30	23°29	10°17	1° 7	7°52	26°34	29°20	29°39	13°40	21°30	M15
T 16	15 35 57	25°27'11	21°49	14°19	9°28	23°13	23°24	10°20	1° 9	7°51	26°35	29°20	29°36	13°47	21°33	T 16
W17	15 39 54	26°25'05	6♋35	16°20	9° 4	23°56	23°18	10°24	1°11	7°49	26°36	29°20	29°33	13°54	21°36	W17
T 18	15 43 50	27°22'57	21°15	18°22	8°42	24°40	23°13	10°28	1°13	7°48	26°38	29°20	29°30	14° 1	21°39	T 18
F 19	15 47 47	28°20'48	5♌44	20°27	8°22	25°23	23° 8	10°32	1°15	7°46	26°39	29°20	29°26	14° 7	21°42	F 19
S 20	15 51 44	29°18'36	19°59	22°32	8° 4	26° 6	23° 3	10°36	1°17	7°45	26°40	29°21	29°23	14°14	21°45	S 20
S 21	15 55 40	0♊16'23	3♍57	24°40	7°49	26°50	22°58	10°40	1°20	7°43	26°42	29°21	29°20	14°21	21°48	S 21
M22	15 59 37	1°14'09	17°37	26°48	7°36	27°33	22°53	10°44	1°22	7°42	26°43	29°21	29°17	14°27	21°51	M22
T 23	16 3 33	2°11'52	0♎59	28°58	7°25	28°16	22°48	10°48	1°24	7°40	26°45	29°21	29°14	14°34	21°54	T 23
W24	16 7 30	3° 9'34	14° 5	1♊ 8	7°17	28°59	22°44	10°53	1°26	7°39	26°46	29°21	29°11	14°41	21°57	W24
T 25	16 11 26	4° 7'15	26°56	3°19	7°12	29°42	22°39	10°57	1°29	7°37	26°47	29°22	29° 7	14°47	22° 0	T 25
F 26	16 15 23	5° 4'54	9♏33	5°31	7° 8	0♊25	22°35	11° 1	1°31	7°36	26°49	29°22	29° 4	14°54	22° 2	F 26
S 27	16 19 19	6° 2'32	21°59	7°43	7°D 7	1° 8	22°31	11° 6	1°33	7°34	26°50	29°22	29° 1	15° 1	22° 5	S 27
S 28	16 23 16	7° 0'09	4♐13	9°55	7° 9	1°51	22°28	11°11	1°36	7°33	26°51	29°R22	28°58	15° 7	22° 8	S 28
M29	16 27 13	7°57'44	16°19	12° 6	7°12	2°33	22°24	11°15	1°38	7°32	26°53	29°22	28°55	15°14	22°11	M29
T 30	16 31 9	8°55'18	28°17	14°17	7°18	3°16	22°20	11°20	1°41	7°30	26°54	29°21	28°52	15°21	22°14	T 30
W31	16 35 6	9♊52'51	10♑11	16♊26	7♉27	3♊59	22♎17	11♌25	1♌43	7♏29	26♉55	29♏20	28♏48	15♑27	22♈16	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 6	20s50	0n47	4n28	2s43	22n25	5n26	15n22	0s 8	8s16	1n31	18n42	0n54	20n33	0n35	12s32	1n49	5n42	13s58	19s59	20s13	19s27	9n15	1n15
T 2	15 24	21 11	1 51	5 6	2 41	22 6	5 16	15 36	0 8	8 13	1 31	18 42	0 54	20 32	0 35	12 31	1 49	5 42	13 58	20 0	20 12	19 26	9 16	1 15
W 3	15 41	20 34	2 50	5 44	2 38	21 45	5 6	15 50	0 7	8 11	1 31	18 41	0 54	20 32	0 35	12 31	1 49	5 42	13 58	20 0	20 12	19 25	9 18	1 15
T 4	15 59	19 3	3 42	6 23	2 34	21 24	4 55	16 4	0 6	8 8	1 31	18 40	0 54	20 32	0 35	12 30	1 49	5 43	13 58	20 0	20 11	19 24	9 19	1 15
F 5	16 16	16 42	4 23	7 3	2 30	21 2	4 43	16 17	0 6	8 6	1 30	18 40	0 54	20 31	0 35	12 30	1 49	5 43	13 58	20 1	20 10	19 22	9 20	1 15
S 6	16 33	13 39	4 54	7 44	2 25	20 39	4 31	16 31	0 5	8 4	1 30	18 39	0 54	20 31	0 35	12 29	1 49	5 43	13 58	20 1	20 10	19 21	9 21	1 15
S 7	16 50	10 1	5 12	8 25	2 20	20 15	4 19	16 44	0 4	8 1	1 30	18 38	0 54	20 31	0 35	12 29	1 49	5 44	13 58	20 1	20 9	19 20	9 22	1 15
M 8	17 6	5 55	5 17	9 7	2 15	19 52	4 6	16 57	0 4	7 59	1 30	18 37	0 54	20 30	0 35	12 28	1 49	5 44	13 58	20 1	20 8	19 18	9 24	1 15
T 9	17 22	1 28	5 6	9 50	2 9	19 28	3 52	17 10	0 3	7 57	1 30	18 37	0 54	20 30	0 35	12 28	1 49	5 45	13 58	20 0	20 8	19 17	9 25	1 15
W10	17 38	3n10	4 40	10 33	2 2	19 4	3 39	17 23	0 3	7 55	1 30	18 36	0 54	20 29	0 35	12 27	1 49	5 45	13 57	20 0	20 7	19 16	9 26	1 15
T 11	17 54	7 47	3 59	11 16	1 55	18 40	3 25	17 35	0 2	7 52	1 30	18 35	0 54	20 29	0 35	12 27	1 49	5 45	13 57	20 0	20 6	19 15	9 27	1 15
F 12	18 9	12 10	3 3	12 0	1 48	18 16	3 10	17 48	0 1	7 50	1 29	18 34	0 54	20 29	0 35	12 26	1 49	5 46	13 57	20 0	20 6	19 13	9 28	1 15
S 13	18 24	16 1	1 55	12 44	1 40	17 52	2 56	18 0	0 1	7 48	1 29	18 33	0 54	20 28	0 35	12 26	1 49	5 46	13 57	20 0	20 5	19 12	9 30	1 15
S 14	18 38	18 59	0 38	13 29	1 31	17 29	2 42	18 12	0n 0	7 46	1 29	18 32	0 54	20 28	0 35	12 25	1 49	5 46	13 57	19 59	20 4	19 11	9 31	1 15
M15	18 53	20 46	0s43	14 13	1 22	17 6	2 27	18 23	0 1	7 44	1 29	18 31	0 54	20 27	0 35	12 25	1 49	5 47	13 57	19 59	20 4	19 9	9 32	1 15
T 16	19 7	21 9	2 2	14 57	1 13	16 44	2 13	18 35	0 1	7 42	1 29	18 30	0 54	20 27	0 35	12 24	1 49	5 47	13 57	20 0	20 3	19 8	9 33	1 15
W17	19 20	20 3	3 12	15 41	1 4	16 22	1 58	18 47	0 2	7 41	1 28	18 29	0 54	20 26	0 35	12 24	1 49	5 47	13 57	20 0	20 2	19 7	9 34	1 15
T 18	19 34	17 38	4 10	16 25	0 54	16 2	1 44	18 58	0 3	7 39	1 28	18 28	0 54	20 26	0 35	12 23	1 49	5 48	13 57	20 0	20 2	19 6	9 35	1 15
F 19	19 47	14 7	4 51	17 8	0 44	15 42	1 30	19 9	0 3	7 37	1 28	18 27	0 54	20 26	0 34	12 23	1 49	5 48	13 57	20 0	20 1	19 4	9 36	1 15
S 20	19 59	9 51	5 13	17 51	0 34	15 23	1 16	19 20	0 4	7 35	1 28	18 26	0 54	20 25	0 34	12 22	1 49	5 48	13 57	20 0	20 0	19 3	9 38	1 15
S 21	20 12	5 8	5 16	18 33	0 23	15 5	1 2	19 30	0 5	7 34	1 28	18 25	0 54	20 25	0 34	12 22	1 49	5 48	13 57	20 0	20 0	19 2	9 39	1 15
M22	20 24	0 16	5 2	19 13	0 13	14 49	0 49	19 41	0 5	7 32	1 27	18 24	0 54	20 24	0 34	12 21	1 48	5 49	13 57	20 0	19 59	19 0	9 40	1 15
T 23	20 35	4s32	4 30	19 53	0 2	14 33	0 36	19 51	0 6	7 31	1 27	18 23	0 54	20 24	0 34	12 21	1 48	5 49	13 57	20 0	19 58	18 59	9 41	1 15
W24	20 46	9 1	3 46	20 30	0n 8	14 18	0 23	20 1	0 6	7 29	1 27	18 21	0 54	20 23	0 34	12 20	1 48	5 49	13 57	20 0	19 58	18 58	9 42	1 15
T 25	20 57	13 1	2 51	21 7	0 19	14 4	0 11	20 11	0 7	7 28	1 27	18 20	0 54	20 22	0 34	12 20	1 48	5 50	13 57	20 0	19 57	18 56	9 43	1 15
F 26	21 8	16 22	1 48	21 41	0 29	13 52	0s 1	20 21	0 8	7 27	1 27	18 19	0 54	20 22	0 34	12 20	1 48	5 50	13 57	20 0	19 56	18 55	9 44	1 15
S 27	21 18	18 54	0 41	22 13	0 39	13 41	0 13	20 30	0 8	7 25	1 26	18 18	0 54	20 21	0 34	12 19	1 48	5 50	13 57	20 0	19 55	18 54	9 45	1 15
S 28	21 28	20 32	0n27	22 44	0 49	13 30	0 24	20 40	0 9	7 24	1 26	18 16	0 54	20 21	0 34	12 19	1 48	5 50	13 57	20 0	19 55	18 52	9 46	1 15
M29	21 37	21 11	1 33	23 11	0 58	13 21	0 35	20 49	0 10	7 23	1 26	18 15	0 54	20 20	0 34	12 18	1 48	5 51	13 57	20 0	19 54	18 51	9 47	1 15
T 30	21 46	20 51	2 34	23 37	1 7	13 13	0 46	20 58	0 10	7 22	1 26	18 14	0 54	20 20	0 34	12 18	1 48	5 51	13 57	20 0	19 53	18 50	9 48	1 14
W31	21n55	19s35	3n27	23n59	1n16	13n 6	0s56	21n 6	0n11	7s21	1n25	18n12	0n54	20n19	0n34	12s17	1n48	5n51	13s57	20s 0	19s53	18s48	9n49	1n14

Julian Day Number = 2496955.5, Delta T = 105.68 sec
Ecliptic obliquity = 23°25'19, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°28'39, Lahiri = 25°35'39

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ASTRODIENST EPHEMERIS for the year 2124
geocentric

JUNE 2124 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 39 2	10♊50'24	22♉ 1	18♊35	7♉37	4♊41	22°R14	11♌30	1♌46	7°R28	26♉57	29°R18	28♏45	15♉34	22♈19	T 1
F 2	16 42 59	11°47'55	3♒52	20°42	7°49	5°24	22♎11	11°35	1°49	7♏26	26°58	29♏17	28°42	15°41	22°21	F 2
S 3	16 46 55	12°45'25	15°47	22°48	8° 4	6° 7	22° 8	11°40	1°51	7°25	26°59	29°15	28°39	15°48	22°24	S 3
S 4	16 50 52	13°42'55	27°49	24°52	8°20	6°49	22° 5	11°45	1°54	7°24	27° 0	29°14	28°36	15°54	22°27	S 4
M 5	16 54 48	14°40'23	10♓ 2	26°54	8°39	7°31	22° 3	11°51	1°57	7°23	27° 2	29°D13	28°32	16° 1	22°29	M 5
T 6	16 58 45	15°37'51	22°31	28°53	8°59	8°14	22° 1	11°56	2° 0	7°21	27° 3	29°13	28°29	16° 8	22°32	T 6
W 7	17 2 42	16°35'18	5♈20	0♋51	9°21	8°56	21°59	12° 1	2° 2	7°20	27° 4	29°14	28°26	16°14	22°34	W 7
T 8	17 6 38	17°32'45	18°32	2°46	9°44	9°38	21°57	12° 7	2° 5	7°19	27° 6	29°15	28°23	16°21	22°36	T 8
F 9	17 10 35	18°30'11	2♉10	4°39	10°10	10°21	21°55	12°12	2° 8	7°18	27° 7	29°16	28°20	16°28	22°39	F 9
S 10	17 14 31	19°27'37	16°15	6°29	10°37	11° 3	21°53	12°18	2°11	7°17	27° 8	29°17	28°17	16°34	22°41	S 10
S 11	17 18 28	20°25'01	0♊44	8°17	11° 5	11°45	21°52	12°24	2°14	7°16	27° 9	29°R18	28°13	16°41	22°43	S 11
M12	17 22 24	21°22'26	15°33	10° 3	11°35	12°27	21°51	12°29	2°17	7°15	27°11	29°17	28°10	16°48	22°45	M12
T 13	17 26 21	22°19'49	0♋36	11°46	12° 6	13° 9	21°50	12°35	2°20	7°14	27°12	29°15	28° 7	16°54	22°48	T 13
W14	17 30 17	23°17'12	15°43	13°26	12°39	13°51	21°49	12°41	2°23	7°13	27°13	29°13	28° 4	17° 1	22°50	W14
T 15	17 34 14	24°14'34	0♌45	15° 3	13°13	14°33	21°48	12°47	2°26	7°12	27°14	29°10	28° 1	17° 8	22°52	T 15
F 16	17 38 11	25°11'54	15°34	16°39	13°48	15°15	21°48	12°53	2°29	7°11	27°16	29° 6	27°58	17°14	22°54	F 16
S 17	17 42 7	26° 9'14	0♍ 3	18°11	14°25	15°57	21°47	12°59	2°32	7°10	27°17	29° 4	27°54	17°21	22°56	S 17
S 18	17 46 4	27° 6'33	14° 8	19°41	15° 3	16°39	21°D47	13° 5	2°35	7° 9	27°18	29° 2	27°51	17°28	22°58	S 18
M19	17 50 0	28° 3'51	27°48	21° 8	15°41	17°20	21°47	13°11	2°39	7° 8	27°19	29°D 1	27°48	17°35	23° 0	M19
T 20	17 53 57	29° 1'08	11♎ 5	22°32	16°21	18° 2	21°47	13°17	2°42	7° 7	27°20	29° 2	27°45	17°41	23° 2	T 20
W21	17 57 53	29°58'25	24° 0	23°54	17° 2	18°43	21°48	13°24	2°45	7° 6	27°22	29° 3	27°42	17°48	23° 4	W21
T 22	18 1 50	0♋55'40	6♏37	25°12	17°44	19°25	21°48	13°30	2°48	7° 5	27°23	29° 5	27°38	17°55	23° 5	T 22
F 23	18 5 46	1°52'55	18°59	26°28	18°27	20° 7	21°49	13°36	2°51	7° 4	27°24	29° 6	27°35	18° 1	23° 7	F 23
S 24	18 9 43	2°50'10	1♐10	27°42	19°11	20°48	21°50	13°43	2°55	7° 4	27°25	29°R 6	27°32	18° 8	23° 9	S 24
S 25	18 13 40	3°47'24	13°13	28°52	19°55	21°29	21°51	13°49	2°58	7° 3	27°26	29° 5	27°29	18°15	23°10	S 25
M26	18 17 36	4°44'37	25° 9	29°59	20°41	22°11	21°52	13°56	3° 1	7° 2	27°27	29° 3	27°26	18°21	23°12	M26
T 27	18 21 33	5°41'50	7♑ 2	1♌ 3	21°27	22°52	21°54	14° 2	3° 5	7° 2	27°28	28°58	27°23	18°28	23°14	T 27
W28	18 25 29	6°39'03	18°53	2° 4	22°14	23°33	21°56	14° 9	3° 8	7° 1	27°30	28°53	27°19	18°35	23°15	W28
T 29	18 29 26	7°36'15	0♒44	3° 2	23° 2	24°15	21°57	14°16	3°12	7° 0	27°31	28°46	27°16	18°41	23°17	T 29
F 30	18 33 22	8♋33'27	12♒37	3♌56	23♉51	24♊56	21♎59	14♌22	3♌15	7♏ 0	27♉32	28♏39	27♏13	18♉48	23♈18	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 3	17s29	4n12	24n19	1n24	13n 0	1s 6	21n15	0n12	7s20	1n25	18n11	0n54	20n18	0n34	12s17	1n48	5n51	13s57	19s59	19s52	18s47	9n50	1n14
F 2	22 11	14 38	4 46	24 37	1 31	12 55	1 15	21 23	0 12	7 19	1 25	18 10	0 54	20 18	0 34	12 17	1 48	5 52	13 57	19 59	19 51	18 46	9 51	1 14
S 3	22 19	11 12	5 8	24 51	1 38	12 52	1 24	21 31	0 13	7 18	1 25	18 8	0 54	20 17	0 34	12 16	1 48	5 52	13 57	19 58	19 51	18 44	9 52	1 14
S 4	22 26	7 16	5 16	25 3	1 44	12 49	1 33	21 39	0 13	7 18	1 24	18 7	0 54	20 17	0 34	12 16	1 48	5 52	13 57	19 58	19 50	18 43	9 53	1 14
M 5	22 33	3 0	5 11	25 12	1 49	12 47	1 41	21 47	0 14	7 17	1 24	18 5	0 54	20 16	0 34	12 16	1 48	5 52	13 57	19 58	19 49	18 41	9 54	1 14
T 6	22 39	1n29	4 51	25 18	1 53	12 46	1 49	21 54	0 15	7 16	1 24	18 4	0 54	20 15	0 34	12 15	1 48	5 53	13 57	19 58	19 49	18 40	9 55	1 14
W 7	22 45	6 2	4 16	25 22	1 57	12 45	1 56	22 1	0 15	7 16	1 24	18 2	0 54	20 15	0 34	12 15	1 48	5 53	13 58	19 58	19 48	18 39	9 55	1 14
T 8	22 50	10 27	3 26	25 24	2 0	12 46	2 4	22 9	0 16	7 15	1 23	18 1	0 54	20 14	0 34	12 15	1 48	5 53	13 58	19 59	19 47	18 37	9 56	1 14
F 9	22 55	14 29	2 24	25 23	2 2	12 47	2 10	22 15	0 16	7 15	1 23	17 59	0 54	20 13	0 34	12 14	1 48	5 53	13 58	19 59	19 46	18 36	9 57	1 14
S 10	23 0	17 50	1 11	25 19	2 4	12 50	2 17	22 22	0 17	7 14	1 23	17 58	0 54	20 13	0 34	12 14	1 48	5 53	13 58	19 59	19 46	18 35	9 58	1 14
S 11	23 5	20 10	0s 8	25 14	2 4	12 52	2 23	22 28	0 18	7 14	1 23	17 56	0 54	20 12	0 34	12 14	1 48	5 54	13 58	19 59	19 45	18 33	9 59	1 14
M12	23 8	21 10	1 28	25 6	2 4	12 56	2 29	22 34	0 18	7 14	1 22	17 55	0 54	20 11	0 34	12 13	1 48	5 54	13 58	19 59	19 44	18 32	10 0	1 14
T 13	23 12	20 41	2 44	24 57	2 3	13 0	2 34	22 40	0 19	7 14	1 22	17 53	0 54	20 11	0 34	12 13	1 48	5 54	13 58	19 59	19 44	18 30	10 0	1 14
W14	23 15	18 43	3 48	24 46	2 2	13 5	2 40	22 46	0 20	7 14	1 22	17 51	0 54	20 10	0 34	12 13	1 48	5 54	13 58	19 58	19 43	18 29	10 1	1 14
T 15	23 18	15 28	4 36	24 33	1 59	13 11	2 45	22 52	0 20	7 14	1 21	17 50	0 54	20 9	0 34	12 12	1 48	5 54	13 58	19 57	19 42	18 28	10 2	1 14
F 16	23 20	11 18	5 5	24 19	1 56	13 17	2 49	22 57	0 21	7 14	1 21	17 48	0 54	20 9	0 34	12 12	1 48	5 54	13 58	19 57	19 41	18 26	10 3	1 14
S 17	23 22	6 33	5 14	24 3	1 53	13 23	2 54	23 2	0 21	7 14	1 21	17 46	0 54	20 8	0 34	12 12	1 48	5 55	13 58	19 56	19 41	18 25	10 4	1 14
S 18	23 23	1 34	5 3	23 46	1 48	13 30	2 58	23 7	0 22	7 14	1 21	17 45	0 54	20 7	0 34	12 12	1 48	5 55	13 59	19 56	19 40	18 23	10 4	1 14
M19	23 24	3s20	4 35	23 28	1 43	13 38	3 1	23 12	0 23	7 14	1 20	17 43	0 54	20 6	0 34	12 11	1 47	5 55	13 59	19 55	19 39	18 22	10 5	1 14
T 20	23 25	7 58	3 53	23 8	1 37	13 46	3 5	23 16	0 23	7 15	1 20	17 41	0 54	20 6	0 34	12 11	1 47	5 55	13 59	19 56	19 39	18 21	10 6	1 14
W21	23 25	12 6	3 1	22 48	1 31	13 54	3 8	23 20	0 24	7 15	1 20	17 39	0 54	20 5	0 34	12 11	1 47	5 55	13 59	19 56	19 38	18 19	10 6	1 14
T 22	23 25	15 36	2 0	22 27	1 24	14 3	3 11	23 24	0 24	7 16	1 20	17 37	0 54	20 4	0 34	12 11	1 47	5 55	13 59	19 56	19 37	18 18	10 7	1 14
F 23	23 24	18 20	0 55	22 5	1 16	14 12	3 14	23 28	0 25	7 16	1 19	17 36	0 54	20 3	0 34	12 10	1 47	5 55	13 59	19 57	19 36	18 16	10 8	1 14
S 24	23 23	20 12	0n11	21 43	1 7	14 21	3 17	23 32	0 26	7 17	1 19	17 34	0 54	20 3	0 34	12 10	1 47	5 55	13 59	19 57	19 36	18 15	10 8	1 14
S 25	23 22	21 6	1 16	21 20	0 59	14 31	3 19	23 35	0 26	7 17	1 19	17 32	0 54	20 2	0 34	12 10	1 47	5 56	13 59	19 56	19 35	18 14	10 9	1 14
M26	23 20	21 3	2 17	20 56	0 49	14 41	3 21	23 38	0 27	7 18	1 19	17 30	0 54	20 1	0 34	12 10	1 47	5 56	14 0	19 56	19 34	18 12	10 9	1 14
T 27	23 18	20 3	3 12	20 32	0 39	14 51	3 23	23 41	0 27	7 19	1 18	17 28	0 54	20 0	0 34	12 10	1 47	5 56	14 0	19 55	19 34	18 11	10 10	1 14
W28	23 15	18 10	3 58	20 9	0 28	15 1	3 24	23 44	0 28	7 20	1 18	17 26	0 54	20 0	0 34	12 10	1 47	5 56	14 0	19 54	19 33	18 9	10 11	1 14
T 29	23 12	15 31	4 34	19 44	0 17	15 12	3 26	23 46	0 29	7 21	1 18	17 24	0 54	19 59	0 34	12 9	1 47	5 56	14 0	19 52	19 32	18 8	10 11	1 14
F 30	23n 9	12s15	4n57	19n20	0n 5	15n22	3s27	23n49	0n29	7s22	1n17	17n23	0n54	19n58	0n34	12s 9	1n47	5n56	14s 0	19s51	19s31	18s 6	10n12	1n14

Julian Day Number = 2496986.5, Delta T = 105.73 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°28'43, Lahiri = 25°35'44

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ASTRODIENST EPHEMERIS for the year 2124
geocentric

JULY 2124 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 19	9♋30'40	24♒35	4♌47	24♉40	25♊37	22♎ 2	14♌29	3♌18	6°R59	27♉33	28°R32	27♏10	18♑55	23♈19	S 1
S 2	18 41 15	10°27'52	6♓39	5°34	25°31	26°18	22° 4	14°36	3°22	6♏59	27°34	28♏26	27° 7	19° 2	23°21	S 2
M 3	18 45 12	11°25'04	18°53	6°18	26°21	26°59	22° 6	14°43	3°25	6°58	27°35	28°22	27° 4	19° 8	23°22	M 3
T 4	18 49 9	12°22'16	1♈21	6°58	27°13	27°40	22° 9	14°50	3°29	6°58	27°36	28°19	27° 0	19°15	23°23	T 4
W 5	18 53 5	13°19'29	14° 6	7°34	28° 5	28°21	22°12	14°56	3°32	6°57	27°37	28°D19	26°57	19°22	23°24	W 5
T 6	18 57 2	14°16'41	27°12	8° 6	28°57	29° 2	22°15	15° 3	3°36	6°57	27°38	28°19	26°54	19°28	23°26	T 6
F 7	19 0 58	15°13'55	10♉43	8°34	29°51	29°43	22°18	15°10	3°39	6°56	27°39	28°20	26°51	19°35	23°27	F 7
S 8	19 4 55	16°11'08	24°41	8°57	0♊44	0♋23	22°21	15°17	3°43	6°56	27°40	28°R21	26°48	19°42	23°28	S 8
S 9	19 8 51	17° 8'22	9♊ 5	9°16	1°39	1° 4	22°25	15°25	3°46	6°56	27°41	28°21	26°44	19°48	23°29	S 9
M10	19 12 48	18° 5'36	23°53	9°31	2°33	1°45	22°29	15°32	3°50	6°56	27°42	28°19	26°41	19°55	23°30	M10
T 11	19 16 44	19° 2'50	8♋59	9°41	3°29	2°26	22°32	15°39	3°54	6°55	27°43	28°14	26°38	20° 2	23°30	T 11
W12	19 20 41	20° 0'05	24°15	9°46	4°25	3° 6	22°36	15°46	3°57	6°55	27°44	28° 8	26°35	20° 9	23°31	W12
T 13	19 24 38	20°57'19	9♌30	9°R47	5°21	3°47	22°41	15°53	4° 1	6°55	27°44	28° 0	26°32	20°15	23°32	T 13
F 14	19 28 34	21°54'34	24°33	9°43	6°17	4°27	22°45	16° 0	4° 4	6°55	27°45	27°52	26°29	20°22	23°33	F 14
S 15	19 32 31	22°51'48	9♍15	9°34	7°15	5° 8	22°49	16° 8	4° 8	6°55	27°46	27°45	26°25	20°29	23°33	S 15
S 16	19 36 27	23°49'03	23°30	9°20	8°12	5°48	22°54	16°15	4°12	6°54	27°47	27°40	26°22	20°35	23°34	S 16
M17	19 40 24	24°46'18	7♎17	9° 2	9°10	6°28	22°59	16°22	4°15	6°54	27°48	27°36	26°19	20°42	23°34	M17
T 18	19 44 20	25°43'32	20°35	8°40	10° 8	7° 9	23° 4	16°30	4°19	6°D54	27°49	27°D35	26°16	20°49	23°35	T 18
W19	19 48 17	26°40'47	3♏28	8°13	11° 7	7°49	23° 9	16°37	4°23	6°54	27°49	27°35	26°13	20°55	23°35	W19
T 20	19 52 13	27°38'02	16° 0	7°43	12° 6	8°29	23°14	16°44	4°26	6°54	27°50	27°36	26°10	21° 2	23°36	T 20
F 21	19 56 10	28°35'17	28°15	7° 9	13° 6	9° 9	23°20	16°52	4°30	6°54	27°51	27°R36	26° 6	21° 9	23°36	F 21
S 22	20 0 7	29°32'32	10♐18	6°32	14° 5	9°50	23°25	16°59	4°34	6°55	27°52	27°35	26° 3	21°15	23°36	S 22
S 23	20 4 3	0♑29'48	22°14	5°53	15° 5	10°30	23°31	17° 7	4°37	6°55	27°52	27°32	26° 0	21°22	23°37	S 23
M24	20 8 0	1°27'04	4♑ 5	5°12	16° 6	11°10	23°37	17°14	4°41	6°55	27°53	27°27	25°57	21°29	23°37	M24
T 25	20 11 56	2°24'21	15°55	4°30	17° 7	11°50	23°43	17°22	4°45	6°55	27°54	27°19	25°54	21°36	23°37	T 25
W26	20 15 53	3°21'38	27°46	3°48	18° 8	12°30	23°49	17°29	4°48	6°55	27°54	27° 9	25°50	21°42	23°37	W26
T 27	20 19 49	4°18'55	9♒41	3° 6	19° 9	13°10	23°55	17°37	4°52	6°56	27°55	26°57	25°47	21°49	23°R37	T 27
F 28	20 23 46	5°16'13	21°39	2°25	20°11	13°49	24° 2	17°44	4°56	6°56	27°56	26°45	25°44	21°56	23°37	F 28
S 29	20 27 42	6°13'32	3♓43	1°46	21°13	14°29	24° 8	17°52	5° 0	6°56	27°56	26°33	25°41	22° 2	23°37	S 29
S 30	20 31 39	7°10'52	15°55	1°10	22°15	15° 9	24°15	18° 0	5° 3	6°57	27°57	26°23	25°38	22° 9	23°37	S 30
M31	20 35 36	8♌ 8'12	28♓15	0♌37	23♊17	15♋49	24♎22	18♌ 7	5♌ 7	6♏57	27♉57	26♏14	25♏35	22♑16	23♈37	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 5	8s28	5n 9	18n56	0s 7	15n33	3s28	23n51	0n30	7s23	1n17	17n21	0n54	19n57	0n34	12s 9	1n47	5n56	14s 0	19s49	19s31	18s 5	10n12	1n14
S 2	23 1	4 19	5 6	18 33	0 20	15 44	3 29	23 52	0 30	7 24	1 17	17 19	0 54	19 56	0 34	12 9	1 47	5 56	14 0	19 48	19 30	18 3	10 13	1 14
M 3	22 56	0n 3	4 50	18 9	0 33	15 55	3 30	23 54	0 31	7 25	1 17	17 17	0 55	19 55	0 34	12 9	1 47	5 56	14 1	19 47	19 29	18 2	10 13	1 14
T 4	22 51	4 30	4 20	17 46	0 46	16 7	3 30	23 56	0 31	7 26	1 16	17 15	0 55	19 55	0 34	12 9	1 47	5 56	14 1	19 46	19 28	18 1	10 14	1 14
W 5	22 45	8 53	3 36	17 24	1 0	16 18	3 31	23 57	0 32	7 28	1 16	17 13	0 55	19 54	0 34	12 9	1 47	5 56	14 1	19 46	19 28	17 59	10 14	1 14
T 6	22 39	12 58	2 40	17 2	1 15	16 29	3 31	23 58	0 33	7 29	1 16	17 11	0 55	19 53	0 34	12 9	1 47	5 56	14 1	19 46	19 27	17 58	10 14	1 14
F 7	22 33	16 31	1 34	16 40	1 29	16 40	3 31	23 58	0 33	7 30	1 16	17 9	0 55	19 52	0 34	12 9	1 47	5 56	14 1	19 47	19 26	17 56	10 15	1 14
S 8	22 26	19 15	0 20	16 20	1 44	16 51	3 31	23 59	0 34	7 32	1 15	17 7	0 55	19 51	0 34	12 8	1 47	5 56	14 2	19 47	19 26	17 55	10 15	1 14
S 9	22 19	20 51	0s58	16 1	1 59	17 3	3 30	23 59	0 34	7 33	1 15	17 4	0 55	19 51	0 34	12 8	1 46	5 56	14 2	19 47	19 25	17 53	10 15	1 14
M10	22 12	21 4	2 13	15 43	2 14	17 14	3 30	23 59	0 35	7 35	1 15	17 2	0 55	19 50	0 34	12 8	1 46	5 56	14 2	19 46	19 24	17 52	10 16	1 14
T 11	22 4	19 47	3 21	15 25	2 29	17 25	3 29	23 59	0 35	7 37	1 15	17 0	0 55	19 49	0 34	12 8	1 46	5 56	14 2	19 45	19 23	17 50	10 16	1 14
W12	21 56	17 4	4 15	15 10	2 44	17 36	3 28	23 59	0 36	7 38	1 14	16 58	0 55	19 48	0 34	12 8	1 46	5 56	14 2	19 44	19 23	17 49	10 16	1 14
T 13	21 47	13 11	4 51	14 55	2 58	17 46	3 27	23 59	0 37	7 40	1 14	16 56	0 55	19 47	0 34	12 8	1 46	5 56	14 2	19 42	19 22	17 47	10 17	1 14
F 14	21 38	8 31	5 6	14 42	3 13	17 57	3 26	23 58	0 37	7 42	1 14	16 54	0 55	19 46	0 34	12 8	1 46	5 56	14 3	19 40	19 21	17 46	10 17	1 14
S 15	21 29	3 28	5 0	14 31	3 27	18 8	3 25	23 57	0 38	7 44	1 14	16 52	0 55	19 45	0 34	12 8	1 46	5 56	14 3	19 39	19 20	17 44	10 17	1 14
S 16	21 19	1s39	4 36	14 21	3 41	18 18	3 24	23 56	0 38	7 46	1 13	16 50	0 55	19 45	0 34	12 8	1 46	5 56	14 3	19 37	19 20	17 43	10 17	1 14
M17	21 9	6 30	3 56	14 13	3 54	18 28	3 22	23 55	0 39	7 48	1 13	16 48	0 55	19 44	0 34	12 8	1 46	5 56	14 3	19 37	19 19	17 41	10 18	1 14
T 18	20 59	10 53	3 5	14 7	4 6	18 38	3 21	23 53	0 39	7 50	1 13	16 45	0 55	19 43	0 34	12 8	1 46	5 56	14 4	19 36	19 18	17 40	10 18	1 14
W19	20 48	14 38	2 6	14 3	4 17	18 48	3 19	23 51	0 40	7 52	1 13	16 43	0 55	19 42	0 34	12 8	1 46	5 56	14 4	19 36	19 17	17 38	10 18	1 14
T 20	20 37	17 36	1 2	14 1	4 27	18 58	3 17	23 49	0 41	7 54	1 12	16 41	0 55	19 41	0 34	12 9	1 46	5 56	14 4	19 37	19 17	17 37	10 18	1 14
F 21	20 26	19 42	0n 3	14 1	4 36	19 7	3 15	23 47	0 41	7 56	1 12	16 39	0 55	19 40	0 34	12 9	1 46	5 56	14 4	19 37	19 16	17 35	10 18	1 14
S 22	20 14	20 52	1 7	14 2	4 44	19 16	3 13	23 45	0 42	7 59	1 12	16 37	0 55	19 39	0 34	12 9	1 46	5 56	14 4	19 36	19 15	17 34	10 18	1 14
S 23	20 2	21 4	2 8	14 6	4 50	19 25	3 11	23 42	0 42	8 1	1 12	16 34	0 55	19 38	0 34	12 9	1 46	5 56	14 5	19 36	19 14	17 32	10 18	1 14
M24	19 49	20 20	3 2	14 11	4 55	19 34	3 9	23 40	0 43	8 3	1 11	16 32	0 55	19 38	0 34	12 9	1 46	5 56	14 5	19 35	19 14	17 31	10 18	1 14
T 25	19 37	18 42	3 48	14 18	4 58	19 42	3 7	23 37	0 43	8 6	1 11	16 30	0 55	19 37	0 34	12 9	1 46	5 56	14 5	19 33	19 13	17 29	10 19	1 14
W26	19 23	16 17	4 24	14 26	4 59	19 50	3 4	23 34	0 44	8 8	1 11	16 28	0 55	19 36	0 34	12 9	1 45	5 56	14 5	19 30	19 12	17 28	10 19	1 14
T 27	19 10	13 11	4 48	14 36	4 59	19 57	3 2	23 30	0 44	8 11	1 11	16 25	0 56	19 35	0 34	12 9	1 45	5 55	14 6	19 28	19 11	17 26	10 19	1 14
F 28	18 56	9 32	5 1	14 48	4 56	20 5	2 59	23 27	0 45	8 13	1 10	16 23	0 56	19 34	0 34	12 9	1 45	5 55	14 6	19 25	19 11	17 25	10 19	1 14
S 29	18 42	5 29	4 59	15 0	4 52	20 12	2 57	23 23	0 45	8 16	1 10	16 21	0 56	19 33	0 34	12 10	1 45	5 55	14 6	19 22	19 10	17 23	10 19	1 14
S 30	18 28	1 11	4 45	15 13	4 47	20 18	2 54	23 19	0 46	8 19	1 10	16 19	0 56	19 32	0 34	12 10	1 45	5 55	14 6	19 20	19 9	17 22	10 18	1 14
M31	18n13	3n14	4n17	15n27	4s39	20n24	2s51	23n15	0n46	8s21	1n10	16n16	0n56	19n31	0n34	12s10	1n45	5n55	14s 7	19s18	19s 8	17s20	10n18	1n14

Julian Day Number = 2497016.5, Delta T = 105.78 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°28'47, Lahiri = 25°35'48

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ASTRODIENST EPHEMERIS for the year 2124
geocentric

AUGUST 2124 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 32	9♌ 5'34	10♈47	0°R 8	24♊20	16♋28	24♎29	18♌15	5♌11	6♏57	27♉58	26°R 9	25♏31	22♑22	23°R36	T 1
W 2	20 43 29	10° 2'57	23°33	29♋44	25°23	17° 8	24°36	18°22	5°14	6°58	27°59	26♏ 6	25°28	22°29	23♈36	W 2
T 3	20 47 25	11° 0'20	6♉37	29°24	26°27	17°48	24°43	18°30	5°18	6°58	27°59	26°D 5	25°25	22°36	23°36	T 3
F 4	20 51 22	11°57'45	20° 2	29°10	27°30	18°27	24°50	18°38	5°22	6°59	28° 0	26°R 5	25°22	22°43	23°35	F 4
S 5	20 55 18	12°55'11	3♊50	29° 2	28°34	19° 7	24°58	18°45	5°25	6°59	28° 0	26° 5	25°19	22°49	23°35	S 5
S 6	20 59 15	13°52'39	18° 3	29°D 0	29°38	19°46	25° 5	18°53	5°29	7° 0	28° 0	26° 3	25°16	22°56	23°34	S 6
M 7	21 3 11	14°50'07	2♋39	29° 5	0♋42	20°26	25°13	19° 1	5°33	7° 1	28° 1	26° 0	25°12	23° 3	23°34	M 7
T 8	21 7 8	15°47'37	17°35	29°16	1°47	21° 5	25°21	19° 8	5°36	7° 1	28° 1	25°53	25° 9	23° 9	23°33	T 8
W 9	21 11 5	16°45'08	2♌44	29°34	2°52	21°44	25°29	19°16	5°40	7° 2	28° 2	25°45	25° 6	23°16	23°33	W 9
T 10	21 15 1	17°42'40	17°55	29°58	3°57	22°24	25°37	19°24	5°44	7° 3	28° 2	25°34	25° 3	23°23	23°32	T 10
F 11	21 18 58	18°40'13	2♍59	0♌30	5° 2	23° 3	25°45	19°32	5°47	7° 3	28° 2	25°23	25° 0	23°29	23°31	F 11
S 12	21 22 54	19°37'47	17°45	1° 7	6° 7	23°42	25°53	19°39	5°51	7° 4	28° 3	25°13	24°56	23°36	23°30	S 12
S 13	21 26 51	20°35'22	2♎ 6	1°52	7°13	24°21	26° 2	19°47	5°54	7° 5	28° 3	25° 5	24°53	23°43	23°29	S 13
M14	21 30 47	21°32'58	15°58	2°43	8°18	25° 0	26°10	19°55	5°58	7° 6	28° 3	24°59	24°50	23°50	23°28	M14
T 15	21 34 44	22°30'34	29°21	3°41	9°24	25°39	26°19	20° 2	6° 2	7° 7	28° 4	24°56	24°47	23°56	23°27	T 15
W16	21 38 40	23°28'12	12♏17	4°45	10°30	26°18	26°28	20°10	6° 5	7° 7	28° 4	24°54	24°44	24° 3	23°26	W16
T 17	21 42 37	24°25'51	24°49	5°54	11°37	26°57	26°37	20°18	6° 9	7° 8	28° 4	24°54	24°41	24°10	23°25	T 17
F 18	21 46 34	25°23'31	7♐ 4	7°10	12°43	27°36	26°46	20°25	6°12	7° 9	28° 4	24°54	24°37	24°16	23°24	F 18
S 19	21 50 30	26°21'11	19° 5	8°31	13°50	28°15	26°55	20°33	6°16	7°10	28° 5	24°53	24°34	24°23	23°23	S 19
S 20	21 54 27	27°18'53	0♑59	9°58	14°56	28°54	27° 4	20°41	6°19	7°11	28° 5	24°49	24°31	24°30	23°22	S 20
M21	21 58 23	28°16'36	12°49	11°29	16° 3	29°33	27°13	20°48	6°23	7°12	28° 5	24°43	24°28	24°37	23°21	M21
T 22	22 2 20	29°14'20	24°39	13° 5	17°10	0♌12	27°23	20°56	6°26	7°13	28° 5	24°35	24°25	24°43	23°19	T 22
W23	22 6 16	0♍12'05	6♒33	14°44	18°18	0°50	27°32	21° 4	6°30	7°14	28° 5	24°23	24°21	24°50	23°18	W23
T 24	22 10 13	1° 9'52	18°33	16°28	19°25	1°29	27°42	21°11	6°33	7°16	28° 5	24°10	24°18	24°57	23°16	T 24
F 25	22 14 9	2° 7'39	0♓40	18°15	20°33	2° 8	27°51	21°19	6°37	7°17	28° 5	23°57	24°15	25° 3	23°15	F 25
S 26	22 18 6	3° 5'29	12°55	20° 5	21°41	2°46	28° 1	21°26	6°40	7°18	28° 5	23°44	24°12	25°10	23°14	S 26
S 27	22 22 3	4° 3'19	25°19	21°57	22°49	3°25	28°11	21°34	6°43	7°19	28° 5	23°32	24° 9	25°17	23°12	S 27
M28	22 25 59	5° 1'12	7♈53	23°50	23°57	4° 3	28°21	21°42	6°47	7°20	28°R 5	23°23	24° 6	25°23	23°10	M28
T 29	22 29 56	5°59'06	20°37	25°46	25° 5	4°42	28°31	21°49	6°50	7°22	28° 5	23°16	24° 2	25°30	23° 9	T 29
W30	22 33 52	6°57'01	3♉33	27°43	26°13	5°20	28°41	21°57	6°53	7°23	28° 5	23°13	23°59	25°37	23° 7	W30
T 31	22 37 49	7♍54'59	16♉43	29♌40	27♋22	5♌59	28♎52	22♌ 4	6♌57	7♏24	28♉ 5	23♏12	23♏56	25♑44	23♈ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17n58	7n34	3n36	15n42	4s30	20n30	2s48	23n11	0n47	8s24	1n 9	16n14	0n56	19n31	0n34	12s10	1n45	5n55	14s 7	19s17	19s 8	17s19	10n18	1n14	
W 2	17 43	11 40	2 43	15 57	4 20	20 35	2 45	23 7	0 48	8 27	1 9	16 12	0 56	19 30	0 34	12 10	1 45	5 55	14 7	19 16	19 7	17 17	10 18	1 14	
T 3	17 27	15 19	1 41	16 12	4 9	20 40	2 42	23 2	0 48	8 30	1 9	16 9	0 56	19 29	0 34	12 11	1 45	5 55	14 7	19 16	19 6	17 16	10 18	1 14	
F 4	17 11	18 15	0 32	16 27	3 56	20 45	2 39	22 57	0 49	8 33	1 9	16 7	0 56	19 28	0 34	12 11	1 45	5 54	14 8	19 16	19 5	17 14	10 18	1 14	
S 5	16 55	20 14	0s41	16 42	3 42	20 49	2 36	22 52	0 49	8 36	1 9	16 5	0 56	19 27	0 34	12 11	1 45	5 54	14 8	19 16	19 5	17 12	10 18	1 14	
S 6	16 39	21 0	1 54	16 57	3 28	20 53	2 33	22 47	0 50	8 39	1 8	16 3	0 56	19 26	0 34	12 11	1 45	5 54	14 8	19 15	19 4	17 11	10 18	1 14	
M 7	16 22	20 23	3 1	17 11	3 13	20 56	2 29	22 42	0 50	8 42	1 8	16 0	0 56	19 25	0 34	12 11	1 45	5 54	14 8	19 14	19 3	17 9	10 17	1 14	
T 8	16 5	18 21	3 57	17 24	2 57	20 59	2 26	22 36	0 51	8 45	1 8	15 58	0 56	19 24	0 34	12 12	1 45	5 54	14 9	19 13	19 2	17 8	10 17	1 14	
W 9	15 48	15 2	4 37	17 36	2 41	21 1	2 23	22 31	0 51	8 48	1 8	15 56	0 56	19 23	0 34	12 12	1 45	5 54	14 9	19 11	19 2	17 6	10 17	1 14	
T 10	15 31	10 43	4 58	17 47	2 25	21 3	2 19	22 25	0 52	8 51	1 7	15 53	0 56	19 23	0 34	12 12	1 45	5 54	14 9	19 8	19 1	17 5	10 17	1 14	
F 11	15 13	5 46	4 58	17 57	2 8	21 4	2 16	22 19	0 52	8 54	1 7	15 51	0 57	19 22	0 34	12 13	1 45	5 53	14 9	19 6	19 0	17 3	10 16	1 14	
S 12	14 55	0 34	4 38	18 5	1 51	21 5	2 12	22 13	0 53	8 57	1 7	15 49	0 57	19 21	0 34	12 13	1 45	5 53	14 10	19 3	18 59	17 2	10 16	1 14	
S 13	14 37	4s31	4 1	18 11	1 35	21 5	2 9	22 6	0 53	9 0	1 7	15 46	0 57	19 20	0 34	12 13	1 44	5 53	14 10	19 1	18 59	17 0	10 16	1 14	
M14	14 19	9 12	3 10	18 16	1 18	21 5	2 5	22 0	0 54	9 4	1 7	15 44	0 57	19 19	0 34	12 14	1 44	5 53	14 10	19 0	18 58	16 58	10 15	1 14	
T 15	14 0	13 16	2 11	18 18	1 2	21 4	2 1	21 53	0 54	9 7	1 6	15 41	0 57	19 18	0 34	12 14	1 44	5 53	14 10	18 59	18 57	16 57	10 15	1 14	
W16	13 41	16 34	1 6	18 19	0 47	21 3	1 58	21 46	0 55	9 10	1 6	15 39	0 57	19 17	0 34	12 14	1 44	5 52	14 11	18 59	18 56	16 55	10 14	1 14	
T 17	13 22	18 58	0 0	18 17	0 31	21 1	1 54	21 39	0 55	9 14	1 6	15 37	0 57	19 16	0 34	12 15	1 44	5 52	14 11	18 59	18 55	16 54	10 14	1 14	
F 18	13 3	20 25	1n 4	18 12	0 17	20 59	1 50	21 32	0 56	9 17	1 6	15 34	0 57	19 16	0 34	12 15	1 44	5 52	14 11	18 59	18 55	16 52	10 14	1 14	
S 19	12 43	20 55	2 4	18 5	0 2	20 56	1 46	21 25	0 56	9 21	1 6	15 32	0 57	19 15	0 34	12 15	1 44	5 52	14 11	18 58	18 54	16 51	10 13	1 14	
S 20	12 24	20 27	2 58	17 55	0n11	20 53	1 43	21 17	0 57	9 24	1 5	15 30	0 57	19 14	0 34	12 16	1 44	5 51	14 12	18 58	18 53	16 49	10 13	1 14	
M21	12 4	19 5	3 44	17 42	0 24	20 49	1 39	21 10	0 57	9 28	1 5	15 27	0 57	19 13	0 34	12 16	1 44	5 51	14 12	18 56	18 52	16 47	10 12	1 14	
T 22	11 44	16 54	4 21	17 27	0 35	20 45	1 35	21 2	0 58	9 31	1 5	15 25	0 57	19 12	0 34	12 16	1 44	5 51	14 12	18 54	18 52	16 46	10 12	1 14	
W23	11 24	14 0	4 46	17 8	0 46	20 40	1 31	20 54	0 58	9 35	1 5	15 23	0 58	19 11	0 34	12 17	1 44	5 51	14 12	18 51	18 51	16 44	10 11	1 14	
T 24	11 3	10 31	4 59	16 47	0 56	20 35	1 27	20 46	0 59	9 38	1 5	15 20	0 58	19 10	0 34	12 17	1 44	5 51	14 13	18 48	18 50	16 43	10 11	1 14	
F 25	10 43	6 35	4 58	16 23	1 6	20 29	1 23	20 38	0 59	9 42	1 5	15 18	0 58	19 10	0 34	12 18	1 44	5 50	14 13	18 45	18 49	16 41	10 10	1 14	
S 26	10 22	2 20	4 44	15 57	1 14	20 22	1 19	20 30	1 0	9 46	1 4	15 16	0 58	19 9	0 34	12 18	1 44	5 50	14 13	18 41	18 48	16 39	10 10	1 14	
S 27	10 1	2n 3	4 16	15 28	1 21	20 15	1 16	20 21	1 0	9 49	1 4	15 13	0 58	19 8	0 34	12 19	1 44	5 50	14 14	18 39	18 48	16 38	10 9	1 14	
M28	9 40	6 25	3 35	14 56	1 27	20 8	1 12	20 13	1 1	9 53	1 4	15 11	0 58	19 7	0 34	12 19	1 44	5 50	14 14	18 36	18 47	16 36	10 8	1 14	
T 29	9 19	10 34	2 43	14 23	1 33	19 59	1 8	20 4	1 1	9 57	1 4	15 8	0 58	19 6	0 34	12 19	1 44	5 49	14 14	18 35	18 46	16 35	10 8	1 14	
W30	8 57	14 17	1 42	13 47	1 37	19 51	1 4	19 55	1 2	10 0	1 4	15 6	0 58	19 5	0 34	12 20	1 44	5 49	14 14	18 34	18 45	16 33	10 7	1 14	
T 31	8n36	17n22	0n34	13n 9	1n41	19n41	1s 0	19n46	1n 2	10s 4	1n 4	15n 4	0n58	19n 5	0n34	12s20	1n44	5n49	14s15	18s33	18s45	16s31	10n 6	1n14	

Julian Day Number = 2497047.5, Delta T = 105.82 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°28'52, Lahiri = 25°35'52

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ASTRODIENST EPHEMERIS for the year 2124
geocentric

SEPTEMBER 2124 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 41 45	8♍52'58	0♊ 8	1♍38	28♋30	6♌37	29♎ 2	22♌12	7♌ 0	7♏26	28°R 5	23°D11	23♏53	25♑50	23°R 4	F 1
S 2	22 45 42	9°51'00	13°52	3°36	29°39	7°15	29°12	22°19	7° 3	7°27	28♉ 5	23°R12	23°50	25°57	23♈ 2	S 2
S 3	22 49 38	10°49'03	27°54	5°34	0♌48	7°54	29°23	22°27	7° 6	7°28	28° 5	23♏11	23°47	26° 4	23° 0	S 3
M 4	22 53 35	11°47'08	12♋15	7°32	1°57	8°32	29°33	22°34	7°10	7°30	28° 5	23° 7	23°43	26°10	22°58	M 4
T 5	22 57 32	12°45'15	26°53	9°30	3° 6	9°10	29°44	22°41	7°13	7°31	28° 5	23° 2	23°40	26°17	22°56	T 5
W 6	23 1 28	13°43'25	11♌42	11°26	4°16	9°48	29°55	22°49	7°16	7°33	28° 5	22°54	23°37	26°24	22°54	W 6
T 7	23 5 25	14°41'35	26°35	13°22	5°25	10°26	0♏ 6	22°56	7°19	7°34	28° 4	22°44	23°34	26°31	22°52	T 7
F 8	23 9 21	15°39'48	11♍24	15°18	6°35	11° 4	0°17	23° 3	7°22	7°36	28° 4	22°34	23°31	26°37	22°50	F 8
S 9	23 13 18	16°38'02	26° 0	17°12	7°45	11°42	0°28	23°11	7°25	7°37	28° 4	22°25	23°27	26°44	22°48	S 9
S 10	23 17 14	17°36'19	10♎16	19° 5	8°54	12°20	0°39	23°18	7°28	7°39	28° 4	22°17	23°24	26°51	22°46	S 10
M11	23 21 11	18°34'36	24° 7	20°57	10° 4	12°58	0°50	23°25	7°31	7°40	28° 3	22°11	23°21	26°57	22°44	M11
T 12	23 25 7	19°32'56	7♏31	22°49	11°14	13°36	1° 1	23°32	7°34	7°42	28° 3	22° 8	23°18	27° 4	22°41	T 12
W13	23 29 4	20°31'17	20°29	24°39	12°25	14°14	1°12	23°40	7°37	7°44	28° 3	22°D 7	23°15	27°11	22°39	W13
T 14	23 33 0	21°29'39	3♐ 4	26°28	13°35	14°52	1°24	23°47	7°40	7°45	28° 2	22° 7	23°12	27°17	22°37	T 14
F 15	23 36 57	22°28'04	15°21	28°16	14°45	15°30	1°35	23°54	7°43	7°47	28° 2	22° 8	23° 8	27°24	22°35	F 15
S 16	23 40 54	23°26'29	27°24	0♎ 2	15°56	16° 7	1°47	24° 1	7°46	7°49	28° 2	22°R 8	23° 5	27°31	22°32	S 16
S 17	23 44 50	24°24'57	9♑18	1°48	17° 7	16°45	1°58	24° 8	7°49	7°50	28° 1	22° 7	23° 2	27°38	22°30	S 17
M18	23 48 47	25°23'26	21° 9	3°33	18°17	17°22	2°10	24°15	7°52	7°52	28° 1	22° 3	22°59	27°44	22°28	M18
T 19	23 52 43	26°21'56	3♒ 2	5°16	19°28	18° 0	2°21	24°22	7°54	7°54	28° 0	21°58	22°56	27°51	22°25	T 19
W20	23 56 40	27°20'28	14°59	6°59	20°39	18°38	2°33	24°29	7°57	7°56	28° 0	21°50	22°53	27°58	22°23	W20
T 21	0 0 36	28°19'02	27° 5	8°40	21°50	19°15	2°45	24°36	8° 0	7°58	27°59	21°41	22°49	28° 4	22°20	T 21
F 22	0 4 33	29°17'38	9♓21	10°21	23° 1	19°52	2°57	24°42	8° 2	7°59	27°59	21°31	22°46	28°11	22°18	F 22
S 23	0 8 29	0♎16'16	21°48	12° 0	24°12	20°30	3° 9	24°49	8° 5	8° 1	27°58	21°22	22°43	28°18	22°15	S 23
S 24	0 12 26	1°14'55	4♈28	13°39	25°24	21° 7	3°21	24°56	8° 7	8° 3	27°58	21°13	22°40	28°25	22°13	S 24
M25	0 16 23	2°13'37	17°20	15°16	26°35	21°44	3°33	25° 3	8°10	8° 5	27°57	21° 7	22°37	28°31	22°10	M25
T 26	0 20 19	3°12'20	0♉24	16°52	27°47	22°22	3°45	25° 9	8°12	8° 7	27°57	21° 3	22°33	28°38	22° 8	T 26
W27	0 24 16	4°11'06	13°39	18°28	28°58	22°59	3°57	25°16	8°15	8° 9	27°56	21° 1	22°30	28°45	22° 5	W27
T 28	0 28 12	5° 9'53	27° 6	20° 3	0♍10	23°36	4° 9	25°22	8°17	8°11	27°55	21°D 1	22°27	28°51	22° 2	T 28
F 29	0 32 9	6° 8'44	10♊44	21°36	1°22	24°13	4°21	25°29	8°20	8°13	27°55	21° 2	22°24	28°58	22° 0	F 29
S 30	0 36 5	7♎ 7'36	24♊33	23♎ 9	2♍34	24♌50	4♏33	25♌35	8♌22	8♏15	27♉54	21♏ 3	22♏21	29♑ 5	21♈57	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n14	19n34	0s37	12n30	1n43	19n32	0s56	19n37	1n 3	10s 8	1n 3	15n 1	0n58	19n 4	0n34	12s21	1n43	5n48	14s15	18s33	18s44	16s30	10n 6	1n14
S 2	7 52	20 40	1 47	11 49	1 45	19 21	0 52	19 28	1 3	10 12	1 3	14 59	0 59	19 3	0 34	12 21	1 43	5 48	14 15	18 33	18 43	16 28	10 5	1 13
S 3	7 30	20 31	2 53	11 7	1 46	19 11	0 48	19 18	1 4	10 16	1 3	14 57	0 59	19 2	0 34	12 22	1 43	5 48	14 15	18 33	18 42	16 26	10 4	1 13
M 4	7 8	19 3	3 49	10 23	1 47	18 59	0 45	19 9	1 4	10 20	1 3	14 54	0 59	19 1	0 34	12 22	1 43	5 48	14 16	18 32	18 41	16 25	10 4	1 13
T 5	6 46	16 19	4 32	9 39	1 46	18 47	0 41	18 59	1 5	10 24	1 3	14 52	0 59	19 1	0 34	12 23	1 43	5 47	14 16	18 31	18 41	16 23	10 3	1 13
W 6	6 24	12 31	4 57	8 54	1 45	18 35	0 37	18 50	1 5	10 27	1 3	14 50	0 59	19 0	0 35	12 23	1 43	5 47	14 16	18 29	18 40	16 22	10 2	1 13
T 7	6 1	7 55	5 2	8 8	1 44	18 22	0 33	18 40	1 6	10 31	1 2	14 48	0 59	18 59	0 35	12 24	1 43	5 47	14 16	18 27	18 39	16 20	10 1	1 13
F 8	5 39	2 52	4 46	7 21	1 42	18 8	0 29	18 30	1 6	10 35	1 2	14 45	0 59	18 58	0 35	12 24	1 43	5 46	14 17	18 24	18 38	16 18	10 0	1 13
S 9	5 16	2s17	4 13	6 34	1 39	17 54	0 26	18 20	1 7	10 39	1 2	14 43	0 59	18 58	0 35	12 25	1 43	5 46	14 17	18 22	18 37	16 17	10 0	1 13
S 10	4 54	7 11	3 24	5 47	1 36	17 40	0 22	18 10	1 7	10 43	1 2	14 41	0 59	18 57	0 35	12 26	1 43	5 46	14 17	18 20	18 37	16 15	9 59	1 13
M11	4 31	11 34	2 24	4 59	1 32	17 25	0 18	17 59	1 8	10 47	1 2	14 38	1 0	18 56	0 35	12 26	1 43	5 46	14 17	18 18	18 36	16 13	9 58	1 13
T 12	4 8	15 13	1 17	4 12	1 28	17 9	0 15	17 49	1 8	10 51	1 2	14 36	1 0	18 55	0 35	12 27	1 43	5 45	14 18	18 17	18 35	16 12	9 57	1 13
W13	3 45	18 0	0 9	3 24	1 23	16 54	0 11	17 38	1 8	10 55	1 2	14 34	1 0	18 55	0 35	12 27	1 43	5 45	14 18	18 17	18 34	16 10	9 56	1 13
T 14	3 22	19 48	0n58	2 36	1 19	16 37	0 7	17 28	1 9	10 59	1 1	14 32	1 0	18 54	0 35	12 28	1 43	5 45	14 18	18 17	18 33	16 8	9 55	1 13
F 15	2 59	20 37	2 1	1 49	1 13	16 20	0 4	17 17	1 9	11 4	1 1	14 29	1 0	18 53	0 35	12 28	1 43	5 44	14 18	18 17	18 33	16 7	9 55	1 13
S 16	2 36	20 27	2 57	1 1	1 8	16 3	0 0	17 6	1 10	11 8	1 1	14 27	1 0	18 52	0 35	12 29	1 43	5 44	14 19	18 17	18 32	16 5	9 54	1 13
S 17	2 13	19 21	3 45	0 14	1 2	15 45	0n 3	16 55	1 10	11 12	1 1	14 25	1 0	18 52	0 35	12 30	1 43	5 44	14 19	18 17	18 31	16 4	9 53	1 13
M18	1 50	17 26	4 23	0s33	0 56	15 27	0 7	16 44	1 11	11 16	1 1	14 23	1 0	18 51	0 35	12 30	1 43	5 43	14 19	18 16	18 30	16 2	9 52	1 13
T 19	1 27	14 46	4 49	1 19	0 50	15 8	0 10	16 33	1 11	11 20	1 1	14 21	1 1	18 50	0 35	12 31	1 43	5 43	14 19	18 15	18 29	16 0	9 51	1 13
W20	1 3	11 29	5 3	2 6	0 44	14 49	0 14	16 22	1 12	11 24	1 1	14 18	1 1	18 50	0 35	12 31	1 43	5 43	14 20	18 13	18 29	15 59	9 50	1 13
T 21	0 40	7 42	5 4	2 52	0 37	14 29	0 17	16 11	1 12	11 28	1 0	14 16	1 1	18 49	0 35	12 32	1 43	5 42	14 20	18 10	18 28	15 57	9 49	1 13
F 22	0 17	3 34	4 51	3 37	0 31	14 9	0 20	16 0	1 13	11 32	1 0	14 14	1 1	18 48	0 35	12 33	1 43	5 42	14 20	18 8	18 27	15 55	9 48	1 13
S 23	0s 6	0n48	4 24	4 22	0 24	13 49	0 23	15 48	1 13	11 37	1 0	14 12	1 1	18 48	0 35	12 33	1 43	5 42	14 20	18 5	18 26	15 54	9 47	1 13
S 24	0 30	5 12	3 44	5 7	0 17	13 28	0 27	15 37	1 14	11 41	1 0	14 10	1 1	18 47	0 35	12 34	1 43	5 41	14 21	18 3	18 25	15 52	9 46	1 13
M25	0 53	9 26	2 51	5 51	0 10	13 7	0 30	15 25	1 14	11 45	1 0	14 8	1 1	18 47	0 35	12 34	1 43	5 41	14 21	18 1	18 25	15 50	9 45	1 13
T 26	1 16	13 18	1 49	6 35	0 3	12 45	0 33	15 13	1 14	11 49	1 0	14 6	1 2	18 46	0 35	12 35	1 43	5 41	14 21	18 0	18 24	15 49	9 44	1 13
W27	1 40	16 33	0 40	7 18	0s 4	12 23	0 36	15 2	1 15	11 53	1 0	14 4	1 2	18 45	0 35	12 36	1 42	5 40	14 21	18 0	18 23	15 47	9 43	1 12
T 28	2 3	18 58	0s33	8 1	0 12	12 0	0 39	14 50	1 15	11 57	1 0	14 2	1 2	18 45	0 35	12 36	1 42	5 40	14 21	18 0	18 22	15 45	9 42	1 12
F 29	2 26	20 19	1 45	8 42	0 19	11 38	0 42	14 38	1 16	12 2	1 0	13 59	1 2	18 44	0 35	12 37	1 42	5 40	14 22	18 0	18 21	15 44	9 41	1 12
S 30	2s50	20n27	2s51	9s24	0s26	11n15	0n44	14n26	1n16	12s 6	0n59	13n57	1n 2	18n44	0n35	12s38	1n42	5n39	14s22	18s 0	18s21	15s42	9n40	1n12

Julian Day Number = 2497078.5, Delta T = 105.87 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°28'56, Lahiri = 25°35'56

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ASTRODIENST EPHEMERIS for the year 2124
geocentric

OCTOBER 2124 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 40 2	8♎ 6'31	8♋33	24♎41	3♍46	25♌27	4♏46	25♌42	8♌24	8♏17	27°R54	21°R 3	22♏18	29♉12	21°R54	S 1
M 2	0 43 58	9° 5'28	22°44	26°12	4°58	26° 4	4°58	25°48	8°27	8°19	27♉53	21♏ 3	22°14	29°18	21♈52	M 2
T 3	0 47 55	10° 4'27	7♌ 4	27°42	6°10	26°41	5°11	25°54	8°29	8°21	27°52	21° 0	22°11	29°25	21°49	T 3
W 4	0 51 52	11° 3'29	21°30	29°11	7°22	27°18	5°23	26° 0	8°31	8°23	27°51	20°56	22° 8	29°32	21°46	W 4
T 5	0 55 48	12° 2'32	5♍57	0♏40	8°35	27°55	5°35	26° 6	8°33	8°25	27°51	20°50	22° 5	29°38	21°44	T 5
F 6	0 59 45	13° 1'38	20°20	2° 7	9°47	28°32	5°48	26°13	8°35	8°27	27°50	20°44	22° 2	29°45	21°41	F 6
S 7	1 3 41	14° 0'46	4♎33	3°34	11° 0	29° 9	6° 1	26°19	8°37	8°29	27°49	20°38	21°58	29°52	21°38	S 7
S 8	1 7 38	14°59'57	18°31	4°59	12°12	29°45	6°13	26°25	8°39	8°31	27°48	20°34	21°55	29°58	21°35	S 8
M 9	1 11 34	15°59'09	2♏ 9	6°24	13°25	0♍22	6°26	26°30	8°41	8°33	27°48	20°31	21°52	0♒ 5	21°33	M 9
T 10	1 15 31	16°58'23	15°26	7°48	14°38	0°59	6°39	26°36	8°43	8°35	27°47	20°D29	21°49	0°12	21°30	T 10
W11	1 19 27	17°57'39	28°21	9°11	15°51	1°35	6°51	26°42	8°45	8°37	27°46	20°29	21°46	0°19	21°27	W11
T 12	1 23 24	18°56'57	10♐56	10°32	17° 4	2°12	7° 4	26°48	8°46	8°39	27°45	20°31	21°43	0°25	21°24	T 12
F 13	1 27 21	19°56'17	23°14	11°53	18°17	2°48	7°17	26°53	8°48	8°42	27°44	20°32	21°39	0°32	21°21	F 13
S 14	1 31 17	20°55'39	5♑19	13°12	19°30	3°24	7°30	26°59	8°50	8°44	27°44	20°34	21°36	0°39	21°19	S 14
S 15	1 35 14	21°55'02	17°15	14°30	20°43	4° 1	7°42	27° 5	8°52	8°46	27°43	20°R35	21°33	0°45	21°16	S 15
M16	1 39 10	22°54'28	29° 7	15°47	21°56	4°37	7°55	27°10	8°53	8°48	27°42	20°35	21°30	0°52	21°13	M16
T 17	1 43 7	23°53'55	11♒ 1	17° 3	23° 9	5°13	8° 8	27°15	8°55	8°50	27°41	20°34	21°27	0°59	21°10	T 17
W18	1 47 3	24°53'23	23° 0	18°17	24°22	5°49	8°21	27°21	8°56	8°52	27°40	20°31	21°24	1° 6	21° 8	W18
T 19	1 51 0	25°52'54	5♓ 9	19°30	25°36	6°26	8°34	27°26	8°58	8°55	27°39	20°28	21°20	1°12	21° 5	T 19
F 20	1 54 56	26°52'26	17°30	20°41	26°49	7° 2	8°47	27°31	8°59	8°57	27°38	20°24	21°17	1°19	21° 2	F 20
S 21	1 58 53	27°52'00	0♈ 8	21°50	28° 3	7°38	9° 0	27°36	9° 0	8°59	27°37	20°20	21°14	1°26	20°59	S 21
S 22	2 2 49	28°51'36	13° 2	22°57	29°16	8°14	9°13	27°41	9° 2	9° 1	27°36	20°17	21°11	1°32	20°56	S 22
M23	2 6 46	29°51'14	26°13	24° 2	0♎30	8°49	9°26	27°46	9° 3	9° 3	27°35	20°14	21° 8	1°39	20°54	M23
T 24	2 10 43	0♏50'54	9♉40	25° 4	1°44	9°25	9°39	27°51	9° 4	9° 6	27°34	20°13	21° 4	1°46	20°51	T 24
W25	2 14 39	1°50'36	23°20	26° 4	2°57	10° 1	9°52	27°55	9° 5	9° 8	27°33	20°D13	21° 1	1°53	20°48	W25
T 26	2 18 36	2°50'20	7♊13	27° 1	4°11	10°37	10° 5	28° 0	9° 6	9°10	27°32	20°13	20°58	1°59	20°46	T 26
F 27	2 22 32	3°50'06	21°14	27°54	5°25	11°13	10°18	28° 5	9° 7	9°12	27°31	20°15	20°55	2° 6	20°43	F 27
S 28	2 26 29	4°49'54	5♋22	28°44	6°39	11°48	10°31	28° 9	9° 8	9°15	27°30	20°16	20°52	2°13	20°40	S 28
S 29	2 30 25	5°49'45	19°33	29°30	7°53	12°24	10°44	28°14	9° 9	9°17	27°29	20°17	20°49	2°19	20°38	S 29
M30	2 34 22	6°49'38	3♌46	0♐12	9° 7	12°59	10°58	28°18	9°10	9°19	27°28	20°R17	20°45	2°26	20°35	M30
T 31	2 38 18	7♏49'33	17♌57	0♐49	10♎21	13♍35	11♏11	28♌22	9♌11	9♏21	27♉27	20♏17	20♏42	2♒33	20♈32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s13	19n20	3s49	10s 4	0s33	10n51	0n47	14n14	1n17	12s10	0n59	13n55	1n 2	18n43	0n35	12s38	1n42	5n39	14s22	18s 1	18s20	15s40	9n39	1n12
M 2	3 36	17 1	4 33	10 45	0 41	10 27	0 50	14 2	1 17	12 14	0 59	13 53	1 2	18 42	0 35	12 39	1 42	5 39	14 22	18 0	18 19	15 38	9 38	1 12
T 3	3 59	13 38	5 1	11 24	0 48	10 3	0 53	13 50	1 18	12 19	0 59	13 51	1 3	18 42	0 35	12 40	1 42	5 38	14 22	18 0	18 18	15 37	9 37	1 12
W 4	4 22	9 26	5 10	12 3	0 55	9 39	0 55	13 37	1 18	12 23	0 59	13 49	1 3	18 41	0 35	12 40	1 42	5 38	14 23	17 58	18 17	15 35	9 36	1 12
T 5	4 45	4 41	4 59	12 40	1 3	9 14	0 58	13 25	1 19	12 27	0 59	13 48	1 3	18 41	0 35	12 41	1 42	5 38	14 23	17 57	18 16	15 33	9 34	1 12
F 6	5 8	0s19	4 30	13 18	1 10	8 49	1 0	13 13	1 19	12 31	0 59	13 46	1 3	18 40	0 35	12 42	1 42	5 37	14 23	17 55	18 16	15 32	9 33	1 12
S 7	5 31	5 14	3 44	13 54	1 17	8 24	1 2	13 0	1 19	12 35	0 59	13 44	1 3	18 40	0 35	12 42	1 42	5 37	14 23	17 54	18 15	15 30	9 32	1 12
S 8	5 54	9 48	2 45	14 30	1 24	7 58	1 5	12 48	1 20	12 40	0 59	13 42	1 3	18 39	0 35	12 43	1 42	5 37	14 23	17 53	18 14	15 28	9 31	1 12
M 9	6 17	13 45	1 38	15 4	1 31	7 33	1 7	12 35	1 20	12 44	0 59	13 40	1 4	18 39	0 36	12 44	1 42	5 36	14 24	17 52	18 13	15 27	9 30	1 12
T 10	6 40	16 53	0 28	15 38	1 38	7 7	1 9	12 23	1 21	12 48	0 58	13 38	1 4	18 38	0 36	12 44	1 42	5 36	14 24	17 51	18 12	15 25	9 29	1 12
W11	7 2	19 5	0n43	16 12	1 44	6 40	1 11	12 10	1 21	12 52	0 58	13 36	1 4	18 38	0 36	12 45	1 42	5 36	14 24	17 52	18 12	15 23	9 28	1 12
T 12	7 25	20 16	1 50	16 44	1 51	6 14	1 13	11 57	1 22	12 57	0 58	13 35	1 4	18 38	0 36	12 46	1 42	5 35	14 24	17 52	18 11	15 21	9 27	1 12
F 13	7 47	20 25	2 50	17 15	1 58	5 47	1 15	11 45	1 22	13 1	0 58	13 33	1 4	18 37	0 36	12 47	1 42	5 35	14 24	17 52	18 10	15 20	9 26	1 11
S 14	8 10	19 38	3 41	17 45	2 4	5 20	1 17	11 32	1 23	13 5	0 58	13 31	1 4	18 37	0 36	12 47	1 42	5 35	14 24	17 53	18 9	15 18	9 25	1 11
S 15	8 32	17 58	4 22	18 15	2 10	4 53	1 19	11 19	1 23	13 9	0 58	13 29	1 5	18 36	0 36	12 48	1 42	5 34	14 25	17 53	18 8	15 16	9 23	1 11
M16	8 54	15 33	4 52	18 43	2 16	4 26	1 21	11 6	1 23	13 14	0 58	13 28	1 5	18 36	0 36	12 49	1 42	5 34	14 25	17 53	18 7	15 15	9 22	1 11
T 17	9 16	12 29	5 9	19 10	2 21	3 59	1 22	10 54	1 24	13 18	0 58	13 26	1 5	18 36	0 36	12 49	1 42	5 34	14 25	17 53	18 7	15 13	9 21	1 11
W18	9 38	8 54	5 14	19 37	2 27	3 31	1 24	10 41	1 24	13 22	0 58	13 24	1 5	18 35	0 36	12 50	1 42	5 33	14 25	17 52	18 6	15 11	9 20	1 11
T 19	10 0	4 54	5 4	20 2	2 32	3 3	1 26	10 28	1 25	13 26	0 58	13 23	1 5	18 35	0 36	12 51	1 42	5 33	14 25	17 51	18 5	15 9	9 19	1 11
F 20	10 21	0 38	4 40	20 25	2 37	2 36	1 27	10 15	1 25	13 30	0 58	13 21	1 5	18 35	0 36	12 51	1 42	5 33	14 25	17 50	18 4	15 8	9 18	1 11
S 21	10 42	3n45	4 2	20 48	2 41	2 8	1 28	10 2	1 26	13 35	0 58	13 19	1 6	18 34	0 36	12 52	1 42	5 32	14 25	17 49	18 3	15 6	9 17	1 11
S 22	11 4	8 4	3 11	21 9	2 45	1 40	1 30	9 49	1 26	13 39	0 57	13 18	1 6	18 34	0 36	12 53	1 42	5 32	14 25	17 48	18 2	15 4	9 16	1 11
M23	11 25	12 6	2 9	21 30	2 49	1 11	1 31	9 36	1 27	13 43	0 57	13 16	1 6	18 34	0 36	12 54	1 42	5 32	14 26	17 48	18 2	15 3	9 15	1 11
T 24	11 46	15 37	0 58	21 48	2 52	0 43	1 32	9 22	1 27	13 47	0 57	13 15	1 6	18 33	0 36	12 54	1 42	5 32	14 26	17 47	18 1	15 1	9 13	1 11
W25	12 6	18 19	0s17	22 5	2 55	0 15	1 33	9 9	1 27	13 51	0 57	13 13	1 6	18 33	0 36	12 55	1 42	5 31	14 26	17 47	18 0	14 59	9 12	1 10
T 26	12 27	19 59	1 33	22 21	2 57	0s14	1 34	8 56	1 28	13 55	0 57	13 12	1 6	18 33	0 36	12 56	1 42	5 31	14 26	17 47	17 59	14 57	9 11	1 10
F 27	12 47	20 25	2 43	22 35	2 59	0 42	1 35	8 43	1 28	14 0	0 57	13 11	1 7	18 33	0 36	12 56	1 42	5 31	14 26	17 48	17 58	14 56	9 10	1 10
S 28	13 7	19 35	3 44	22 47	3 0	1 10	1 36	8 30	1 29	14 4	0 57	13 9	1 7	18 32	0 36	12 57	1 42	5 30	14 26	17 48	17 57	14 54	9 9	1 10
S 29	13 27	17 30	4 32	22 58	3 0	1 39	1 36	8 17	1 29	14 8	0 57	13 8	1 7	18 32	0 36	12 58	1 42	5 30	14 26	17 48	17 57	14 52	9 8	1 10
M30	13 47	14 23	5 3	23 6	3 0	2 7	1 37	8 4	1 30	14 12	0 57	13 6	1 7	18 32	0 36	12 59	1 42	5 30	14 26	17 48	17 56	14 50	9 7	1 10
T 31	14s 7	10n25	5s16	23s13	2s59	2s36	1n38	7n50	1n30	14s16	0n57	13n 5	1n 7	18n32	0n36	12s59	1n42	5n29	14s26	17s48	17s55	14s49	9n 6	1n10

Julian Day Number = 2497108.5, Delta T = 105.92 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°29'00, Lahiri = 25°36'00

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ASTRODIENST EPHEMERIS for the year 2124
geocentric

NOVEMBER 2124 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 42 15	8♏49'30	2♍ 5	1♐20	11♎35	14♍10	11♏24	28♌26	9♌12	9♏24	27°R26	20°R16	20♏39	2♒40	20°R30	W 1
T 2	2 46 12	9°49'30	16° 8	1°45	12°49	14°45	11°37	28°30	9°12	9°26	27♉25	20♏15	20°36	2°46	20♈27	T 2
F 3	2 50 8	10°49'31	0♎ 2	2° 4	14° 3	15°21	11°50	28°34	9°13	9°28	27°24	20°14	20°33	2°53	20°24	F 3
S 4	2 54 5	11°49'35	13°46	2°15	15°18	15°56	12° 3	28°38	9°14	9°30	27°23	20°13	20°30	3° 0	20°22	S 4
S 5	2 58 1	12°49'40	27°17	2°R19	16°32	16°31	12°16	28°42	9°14	9°33	27°22	20°12	20°26	3° 6	20°19	S 5
M 6	3 1 58	13°49'48	10♏34	2°14	17°46	17° 6	12°30	28°46	9°15	9°35	27°21	20°12	20°23	3°13	20°17	M 6
T 7	3 5 54	14°49'57	23°35	2° 0	19° 1	17°41	12°43	28°49	9°15	9°37	27°20	20°D12	20°20	3°20	20°14	T 7
W 8	3 9 51	15°50'09	6♐20	1°36	20°15	18°16	12°56	28°53	9°15	9°39	27°18	20°12	20°17	3°27	20°12	W 8
T 9	3 13 47	16°50'22	18°49	1° 3	21°30	18°51	13° 9	28°56	9°16	9°42	27°17	20°12	20°14	3°33	20° 9	T 9
F 10	3 17 44	17°50'36	1♑ 5	0°20	22°44	19°26	13°22	29° 0	9°16	9°44	27°16	20°12	20°10	3°40	20° 7	F 10
S 11	3 21 41	18°50'52	13° 9	29♏27	23°59	20° 0	13°35	29° 3	9°16	9°46	27°15	20°13	20° 7	3°47	20° 5	S 11
S 12	3 25 37	19°51'10	25° 5	28°26	25°13	20°35	13°48	29° 6	9°16	9°48	27°14	20°R13	20° 4	3°54	20° 2	S 12
M13	3 29 34	20°51'29	6♒58	27°17	26°28	21°10	14° 2	29° 9	9°17	9°50	27°13	20°13	20° 1	4° 0	20° 0	M13
T 14	3 33 30	21°51'50	18°50	26° 2	27°42	21°44	14°15	29°12	9°R17	9°53	27°12	20°D13	19°58	4° 7	19°58	T 14
W15	3 37 27	22°52'12	0♓48	24°43	28°57	22°19	14°28	29°15	9°17	9°55	27°11	20°13	19°55	4°14	19°56	W15
T 16	3 41 23	23°52'35	12°56	23°22	0♏12	22°53	14°41	29°17	9°16	9°57	27°10	20°13	19°51	4°20	19°53	T 16
F 17	3 45 20	24°52'59	25°17	22° 3	1°27	23°27	14°54	29°20	9°16	9°59	27° 8	20°13	19°48	4°27	19°51	F 17
S 18	3 49 16	25°53'25	7♈57	20°47	2°41	24° 1	15° 7	29°23	9°16	10° 1	27° 7	20°14	19°45	4°34	19°49	S 18
S 19	3 53 13	26°53'53	20°58	19°38	3°56	24°36	15°20	29°25	9°16	10° 4	27° 6	20°14	19°42	4°41	19°47	S 19
M20	3 57 10	27°54'22	4♉20	18°37	5°11	25°10	15°33	29°27	9°16	10° 6	27° 5	20°15	19°39	4°47	19°45	M20
T 21	4 1 6	28°54'52	18° 5	17°45	6°26	25°44	15°46	29°29	9°15	10° 8	27° 4	20°R15	19°35	4°54	19°43	T 21
W22	4 5 3	29°55'24	2♊10	17° 5	7°41	26°17	15°59	29°32	9°15	10°10	27° 3	20°15	19°32	5° 1	19°41	W22
T 23	4 8 59	0♐55'57	16°31	16°36	8°56	26°51	16°12	29°34	9°14	10°12	27° 2	20°14	19°29	5° 7	19°39	T 23
F 24	4 12 56	1°56'32	1♋ 2	16°19	10°10	27°25	16°25	29°35	9°14	10°14	27° 1	20°13	19°26	5°14	19°37	F 24
S 25	4 16 52	2°57'08	15°38	16°D14	11°25	27°59	16°38	29°37	9°13	10°16	26°59	20°12	19°23	5°21	19°35	S 25
S 26	4 20 49	3°57'46	0♌12	16°19	12°40	28°32	16°51	29°39	9°13	10°19	26°58	20°10	19°20	5°28	19°33	S 26
M27	4 24 45	4°58'26	14°39	16°35	13°55	29° 6	17° 4	29°40	9°12	10°21	26°57	20° 9	19°16	5°34	19°32	M27
T 28	4 28 42	5°59'07	28°56	16°59	15°10	29°39	17°16	29°42	9°11	10°23	26°56	20° 8	19°13	5°41	19°30	T 28
W29	4 32 39	6°59'50	12♍58	17°33	16°26	0♎12	17°29	29°43	9°11	10°25	26°55	20°D 8	19°10	5°48	19°28	W29
T 30	4 36 35	8♐ 0'35	26♍46	18♏14	17♏41	0♎45	17♏42	29♌44	9♌10	10♏27	26♉54	20♏ 9	19♏ 7	5♒54	19♈27	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s26	5n54	5s10	23s17	2s56	3s 4	1n38	7n37	1n31	14s20	0n57	13n 4	1n 8	18n32	0n36	13s 0	1n42	5n29	14s26	17s48	17s54	14s47	9n 5	1n10
T 2	14 45	1 5	4 45	23 19	2 53	3 33	1 38	7 24	1 31	14 24	0 57	13 3	1 8	18 32	0 36	13 1	1 42	5 29	14 26	17 48	17 53	14 45	9 4	1 10
F 3	15 4	3s44	4 3	23 19	2 49	4 1	1 39	7 11	1 31	14 28	0 57	13 1	1 8	18 31	0 36	13 1	1 42	5 29	14 27	17 47	17 52	14 43	9 3	1 10
S 4	15 22	8 19	3 8	23 15	2 43	4 30	1 39	6 57	1 32	14 32	0 57	13 0	1 8	18 31	0 37	13 2	1 42	5 28	14 27	17 47	17 52	14 42	9 1	1 10
S 5	15 41	12 25	2 4	23 9	2 36	4 58	1 39	6 44	1 32	14 36	0 57	12 59	1 8	18 31	0 37	13 3	1 42	5 28	14 27	17 47	17 51	14 40	9 0	1 9
M 6	15 59	15 49	0 53	23 0	2 27	5 26	1 39	6 31	1 33	14 40	0 57	12 58	1 9	18 31	0 37	13 3	1 42	5 28	14 27	17 47	17 50	14 38	8 59	1 9
T 7	16 16	18 21	0n19	22 47	2 17	5 54	1 39	6 18	1 33	14 45	0 57	12 57	1 9	18 31	0 37	13 4	1 42	5 27	14 27	17 47	17 49	14 36	8 58	1 9
W 8	16 34	19 54	1 28	22 31	2 6	6 22	1 39	6 4	1 34	14 49	0 57	12 56	1 9	18 31	0 37	13 5	1 42	5 27	14 27	17 47	17 48	14 35	8 57	1 9
T 9	16 51	20 25	2 32	22 11	1 52	6 50	1 39	5 51	1 34	14 52	0 57	12 55	1 9	18 31	0 37	13 6	1 42	5 27	14 27	17 47	17 47	14 33	8 56	1 9
F 10	17 8	19 57	3 28	21 48	1 37	7 18	1 39	5 38	1 34	14 56	0 57	12 54	1 9	18 31	0 37	13 6	1 42	5 27	14 27	17 47	17 46	14 31	8 55	1 9
S 11	17 25	18 34	4 13	21 20	1 21	7 46	1 39	5 25	1 35	15 0	0 57	12 53	1 10	18 31	0 37	13 7	1 42	5 26	14 27	17 47	17 46	14 29	8 54	1 9
S 12	17 41	16 23	4 47	20 49	1 3	8 13	1 38	5 11	1 35	15 4	0 56	12 52	1 10	18 31	0 37	13 8	1 42	5 26	14 27	17 47	17 45	14 27	8 53	1 9
M13	17 57	13 32	5 9	20 15	0 44	8 41	1 38	4 58	1 36	15 8	0 56	12 51	1 10	18 31	0 37	13 8	1 42	5 26	14 27	17 47	17 44	14 26	8 52	1 9
T 14	18 13	10 8	5 17	19 38	0 24	9 8	1 37	4 45	1 36	15 12	0 56	12 50	1 10	18 31	0 37	13 9	1 42	5 26	14 27	17 47	17 43	14 24	8 51	1 8
W15	18 29	6 19	5 12	18 59	0 3	9 35	1 37	4 32	1 37	15 16	0 56	12 50	1 10	18 31	0 37	13 10	1 42	5 25	14 27	17 47	17 42	14 22	8 50	1 8
T 16	18 44	2 11	4 53	18 19	0n18	10 2	1 36	4 19	1 37	15 20	0 56	12 49	1 11	18 31	0 37	13 10	1 42	5 25	14 27	17 47	17 41	14 20	8 49	1 8
F 17	18 58	2n 6	4 20	17 40	0 38	10 28	1 36	4 5	1 38	15 24	0 56	12 48	1 11	18 31	0 37	13 11	1 42	5 25	14 27	17 47	17 40	14 19	8 49	1 8
S 18	19 13	6 25	3 34	17 1	0 57	10 55	1 35	3 52	1 38	15 28	0 56	12 47	1 11	18 31	0 37	13 12	1 42	5 25	14 27	17 47	17 40	14 17	8 48	1 8
S 19	19 27	10 34	2 35	16 25	1 15	11 21	1 34	3 39	1 38	15 31	0 56	12 47	1 11	18 31	0 37	13 12	1 42	5 25	14 27	17 48	17 39	14 15	8 47	1 8
M20	19 41	14 19	1 27	15 53	1 31	11 47	1 33	3 26	1 39	15 35	0 56	12 46	1 11	18 31	0 37	13 13	1 42	5 24	14 27	17 48	17 38	14 13	8 46	1 8
T 21	19 54	17 24	0 12	15 25	1 46	12 12	1 32	3 13	1 39	15 39	0 56	12 46	1 12	18 31	0 37	13 14	1 42	5 24	14 27	17 48	17 37	14 11	8 45	1 8
W22	20 7	19 31	1s 6	15 2	1 58	12 38	1 31	3 0	1 40	15 43	0 56	12 45	1 12	18 32	0 37	13 14	1 42	5 24	14 27	17 48	17 36	14 10	8 44	1 8
T 23	20 20	20 25	2 20	14 44	2 8	13 3	1 30	2 47	1 40	15 46	0 56	12 45	1 12	18 32	0 37	13 15	1 42	5 24	14 27	17 48	17 35	14 8	8 43	1 7
F 24	20 32	19 58	3 27	14 31	2 17	13 27	1 29	2 34	1 41	15 50	0 56	12 44	1 12	18 32	0 37	13 16	1 42	5 24	14 27	17 47	17 34	14 6	8 42	1 7
S 25	20 44	18 11	4 21	14 24	2 23	13 52	1 27	2 21	1 41	15 54	0 56	12 44	1 13	18 32	0 37	13 16	1 42	5 23	14 27	17 47	17 34	14 4	8 42	1 7
S 26	20 56	15 15	4 57	14 21	2 28	14 16	1 26	2 8	1 41	15 57	0 56	12 43	1 13	18 32	0 37	13 17	1 42	5 23	14 26	17 46	17 33	14 2	8 41	1 7
M27	21 7	11 24	5 15	14 23	2 30	14 39	1 25	1 55	1 42	16 1	0 56	12 43	1 13	18 33	0 37	13 18	1 42	5 23	14 26	17 46	17 32	14 1	8 40	1 7
T 28	21 17	6 57	5 12	14 28	2 32	15 3	1 23	1 42	1 42	16 5	0 56	12 43	1 13	18 33	0 37	13 18	1 42	5 23	14 26	17 46	17 31	13 59	8 39	1 7
W29	21 28	2 12	4 51	14 38	2 32	15 26	1 22	1 29	1 43	16 8	0 56	12 42	1 13	18 33	0 38	13 19	1 42	5 23	14 26	17 46	17 30	13 57	8 39	1 7
T 30	21s38	2s36	4s14	14s50	2n30	15s48	1n20	1n17	1n43	16s12	0n56	12n42	1n14	18n33	0n38	13s19	1n42	5n23	14s26	17s46	17s29	13s55	8n38	1n 7

Julian Day Number = 2497139.5, Delta T = 105.97 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°29'04, Lahiri = 25°36'05

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ASTRODIENST EPHEMERIS for the year 2124
geocentric

DECEMBER 2124 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 40 32	9♐ 1'21	10♎19	19♏ 2	18♏56	1♎19	17♏55	29♌46	9°R 9	10♏29	26°R53	20♏10	19♏ 4	6♒ 1	19°R25	F 1
S 2	4 44 28	10° 2'08	23°38	19°55	20°11	1°52	18° 7	29°47	9♌ 8	10°31	26♉52	20°11	19° 1	6° 8	19♈23	S 2
S 3	4 48 25	11° 2'57	6♏43	20°54	21°26	2°25	18°20	29°47	9° 7	10°33	26°51	20°13	18°57	6°15	19°22	S 3
M 4	4 52 21	12° 3'48	19°36	21°58	22°41	2°57	18°33	29°48	9° 6	10°35	26°49	20°R13	18°54	6°21	19°21	M 4
T 5	4 56 18	13° 4'39	2♐17	23° 5	23°56	3°30	18°45	29°49	9° 5	10°37	26°48	20°13	18°51	6°28	19°19	T 5
W 6	5 0 14	14° 5'32	14°46	24°16	25°12	4° 3	18°58	29°50	9° 4	10°39	26°47	20°11	18°48	6°35	19°18	W 6
T 7	5 4 11	15° 6'26	27° 4	25°30	26°27	4°35	19°10	29°50	9° 3	10°41	26°46	20° 8	18°45	6°42	19°17	T 7
F 8	5 8 8	16° 7'21	9♑13	26°46	27°42	5° 8	19°23	29°50	9° 1	10°43	26°45	20° 3	18°41	6°48	19°15	F 8
S 9	5 12 4	17° 8'17	21°14	28° 5	28°57	5°40	19°35	29°51	9° 0	10°45	26°44	19°59	18°38	6°55	19°14	S 9
S 10	5 16 1	18° 9'14	3♒ 9	29°25	0♐12	6°12	19°48	29°R51	8°59	10°46	26°43	19°53	18°35	7° 2	19°13	S 10
M11	5 19 57	19°10'11	15° 0	0♐47	1°28	6°44	20° 0	29°51	8°57	10°48	26°42	19°49	18°32	7° 8	19°12	M11
T 12	5 23 54	20°11'09	26°52	2°10	2°43	7°16	20°12	29°50	8°56	10°50	26°41	19°45	18°29	7°15	19°11	T 12
W13	5 27 50	21°12'08	8♓47	3°35	3°58	7°48	20°25	29°50	8°55	10°52	26°40	19°43	18°26	7°22	19°10	W13
T 14	5 31 47	22°13'07	20°51	5° 0	5°14	8°19	20°37	29°50	8°53	10°54	26°39	19°D42	18°22	7°29	19° 9	T 14
F 15	5 35 43	23°14'07	3♈ 8	6°26	6°29	8°51	20°49	29°49	8°51	10°56	26°38	19°42	18°19	7°35	19° 8	F 15
S 16	5 39 40	24°15'08	15°43	7°54	7°44	9°22	21° 1	29°49	8°50	10°57	26°37	19°44	18°16	7°42	19° 7	S 16
S 17	5 43 37	25°16'08	28°40	9°21	8°59	9°54	21°13	29°48	8°48	10°59	26°36	19°45	18°13	7°49	19° 6	S 17
M18	5 47 33	26°17'10	12♉ 3	10°50	10°15	10°25	21°25	29°47	8°47	11° 1	26°35	19°47	18°10	7°55	19° 6	M18
T 19	5 51 30	27°18'12	25°53	12°19	11°30	10°56	21°37	29°47	8°45	11° 3	26°34	19°R47	18° 7	8° 2	19° 5	T 19
W20	5 55 26	28°19'14	10♊10	13°48	12°45	11°27	21°49	29°46	8°43	11° 4	26°33	19°45	18° 3	8° 9	19° 5	W20
T 21	5 59 23	29°20'17	24°50	15°18	14° 1	11°58	22° 0	29°44	8°41	11° 6	26°32	19°42	18° 0	8°16	19° 4	T 21
F 22	6 3 19	0♋21'21	9♋47	16°48	15°16	12°28	22°12	29°43	8°39	11° 7	26°31	19°36	17°57	8°22	19° 3	F 22
S 23	6 7 16	1°22'25	24°51	18°19	16°31	12°59	22°24	29°42	8°37	11° 9	26°30	19°30	17°54	8°29	19° 3	S 23
S 24	6 11 13	2°23'29	9♌52	19°50	17°47	13°29	22°35	29°40	8°36	11°11	26°30	19°23	17°51	8°36	19° 3	S 24
M25	6 15 9	3°24'35	24°43	21°21	19° 2	14° 0	22°47	29°39	8°34	11°12	26°29	19°17	17°47	8°43	19° 2	M25
T 26	6 19 6	4°25'41	9♍16	22°52	20°18	14°30	22°58	29°37	8°32	11°14	26°28	19°13	17°44	8°49	19° 2	T 26
W27	6 23 2	5°26'47	23°27	24°24	21°33	15° 0	23°10	29°35	8°30	11°15	26°27	19°10	17°41	8°56	19° 2	W27
T 28	6 26 59	6°27'54	7♎14	25°56	22°48	15°29	23°21	29°34	8°27	11°17	26°26	19°D 9	17°38	9° 3	19° 2	T 28
F 29	6 30 55	7°29'02	20°39	27°28	24° 4	15°59	23°32	29°32	8°25	11°18	26°25	19°10	17°35	9° 9	19° 2	F 29
S 30	6 34 52	8°30'11	3♏44	29° 1	25°19	16°29	23°43	29°30	8°23	11°20	26°25	19°11	17°32	9°16	19°D 2	S 30
S 31	6 38 48	9♑31'20	16♏32	0♑34	26♐35	16♎58	23♏54	29♌27	8♌21	11♏21	26♉24	19°R12	17♏28	9♒23	19♈ 2	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21s47	7s11	3s23	15s 5	2n28	16s10	1n19	1n 4	1n44	16s15	0n56	12n42	1n14	18n33	0n38	13s20	1n42	5n22	14s26	17s46	17s28	13s53	8n37	1n 6	F 1
S 2	21 56	11 22	2 21	15 23	2 25	16 32	1 17	0 51	1 44	16 19	0 56	12 42	1 14	18 34	0 38	13 21	1 42	5 22	14 26	17 47	17 28	13 52	8 36	1 6	S 2
S 3	22 5	14 55	1 14	15 42	2 21	16 53	1 16	0 39	1 45	16 22	0 56	12 42	1 14	18 34	0 38	13 21	1 42	5 22	14 26	17 47	17 27	13 50	8 36	1 6	S 3
M 4	22 13	17 40	0 3	16 3	2 17	17 14	1 14	0 26	1 45	16 26	0 56	12 42	1 15	18 34	0 38	13 22	1 42	5 22	14 26	17 47	17 26	13 48	8 35	1 6	M 4
T 5	22 21	19 31	1n 6	16 25	2 11	17 35	1 12	0 13	1 45	16 29	0 56	12 42	1 15	18 35	0 38	13 22	1 43	5 22	14 26	17 47	17 25	13 46	8 34	1 6	T 5
W 6	22 28	20 23	2 11	16 48	2 6	17 55	1 10	0 1	1 46	16 33	0 56	12 42	1 15	18 35	0 38	13 23	1 43	5 22	14 26	17 47	17 24	13 44	8 34	1 6	W 6
T 7	22 35	20 15	3 9	17 11	2 0	18 14	1 8	0s12	1 46	16 36	0 56	12 42	1 15	18 35	0 38	13 23	1 43	5 22	14 25	17 46	17 23	13 43	8 33	1 6	T 7
F 8	22 42	19 9	3 57	17 35	1 53	18 33	1 6	0 24	1 47	16 39	0 56	12 42	1 15	18 36	0 38	13 24	1 43	5 22	14 25	17 45	17 22	13 41	8 33	1 6	F 8
S 9	22 48	17 14	4 34	17 59	1 46	18 52	1 4	0 36	1 47	16 43	0 56	12 42	1 16	18 36	0 38	13 25	1 43	5 21	14 25	17 43	17 21	13 39	8 32	1 5	S 9
S 10	22 54	14 35	4 59	18 23	1 39	19 10	1 2	0 49	1 48	16 46	0 56	12 42	1 16	18 36	0 38	13 25	1 43	5 21	14 25	17 42	17 21	13 37	8 31	1 5	S 10
M11	22 59	11 21	5 11	18 48	1 32	19 27	1 0	1 1	1 48	16 49	0 56	12 42	1 16	18 37	0 38	13 26	1 43	5 21	14 25	17 41	17 20	13 35	8 31	1 5	M11
T 12	23 3	7 41	5 10	19 11	1 25	19 44	0 58	1 13	1 49	16 53	0 56	12 43	1 16	18 37	0 38	13 26	1 43	5 21	14 25	17 40	17 19	13 33	8 30	1 5	T 12
W13	23 8	3 42	4 56	19 35	1 18	20 0	0 56	1 25	1 49	16 56	0 56	12 43	1 17	18 38	0 38	13 27	1 43	5 21	14 25	17 39	17 18	13 32	8 30	1 5	W13
T 14	23 12	0n29	4 28	19 58	1 10	20 16	0 54	1 37	1 49	16 59	0 56	12 43	1 17	18 38	0 38	13 27	1 43	5 21	14 24	17 39	17 17	13 30	8 29	1 5	T 14
F 15	23 15	4 43	3 47	20 20	1 3	20 31	0 52	1 49	1 50	17 2	0 57	12 44	1 17	18 39	0 38	13 28	1 43	5 21	14 24	17 39	17 16	13 28	8 29	1 5	F 15
S 16	23 18	8 52	2 55	20 42	0 55	20 46	0 50	2 1	1 50	17 5	0 57	12 44	1 17	18 39	0 38	13 28	1 43	5 21	14 24	17 39	17 15	13 26	8 29	1 5	S 16
S 17	23 20	12 45	1 53	21 3	0 47	21 0	0 47	2 13	1 51	17 8	0 57	12 44	1 17	18 40	0 38	13 29	1 43	5 21	14 24	17 40	17 14	13 24	8 28	1 4	S 17
M18	23 22	16 6	0 42	21 24	0 40	21 13	0 45	2 25	1 51	17 11	0 57	12 45	1 18	18 40	0 38	13 29	1 43	5 21	14 24	17 40	17 14	13 23	8 28	1 4	M18
T 19	23 24	18 41	0s33	21 43	0 32	21 26	0 43	2 37	1 52	17 14	0 57	12 45	1 18	18 40	0 38	13 30	1 43	5 21	14 24	17 40	17 13	13 21	8 27	1 4	T 19
W20	23 25	20 10	1 49	22 2	0 25	21 38	0 41	2 48	1 52	17 18	0 57	12 46	1 18	18 41	0 38	13 30	1 43	5 21	14 23	17 40	17 12	13 19	8 27	1 4	W20
T 21	23 25	20 21	2 59	22 19	0 17	21 50	0 38	3 0	1 53	17 20	0 57	12 47	1 18	18 41	0 38	13 31	1 43	5 21	14 23	17 39	17 11	13 17	8 27	1 4	T 21
F 22	23 25	19 6	3 58	22 36	0 10	22 1	0 36	3 11	1 53	17 23	0 57	12 47	1 19	18 42	0 38	13 31	1 43	5 21	14 23	17 37	17 10	13 15	8 26	1 4	F 22
S 23	23 25	16 32	4 41	22 52	0 3	22 11	0 33	3 23	1 53	17 26	0 57	12 48	1 19	18 42	0 38	13 32	1 43	5 21	14 23	17 36	17 9	13 13	8 26	1 4	S 23
S 24	23 24	12 52	5 5	23 6	0s 5	22 21	0 31	3 34	1 54	17 29	0 57	12 49	1 19	18 43	0 38	13 32	1 43	5 21	14 23	17 34	17 8	13 11	8 26	1 3	S 24
M25	23 23	8 26	5 7	23 20	0 12	22 30	0 29	3 45	1 54	17 32	0 57	12 49	1 19	18 44	0 38	13 33	1 43	5 21	14 22	17 32	17 7	13 10	8 26	1 3	M25
T 26	23 21	3 36	4 50	23 32	0 19	22 38	0 26	3 57	1 55	17 35	0 57	12 50	1 19	18 44	0 38	13 33	1 43	5 21	14 22	17 31	17 6	13 8	8 25	1 3	T 26
W27	23 19	1s19	4 16	23 43	0 25	22 45	0 24	4 8	1 55	17 38	0 57	12 51	1 20	18 45	0 38	13 33	1 43	5 21	14 22	17 30	17 6	13 6	8 25	1 3	W27
T 28	23 16	6 2	3 27	23 54	0 32	22 52	0 21	4 19	1 56	17 41	0 57	12 52	1 20	18 45	0 38	13 34	1 43	5 21	14 22	17 30	17 5	13 4	8 25	1 3	T 28
F 29	23 13	10 20	2 28	24 2	0 39	22 58	0 19	4 30	1 56	17 43	0 57	12 53	1 20	18 46	0 39	13 34	1 43	5 21	14 22	17 30	17 4	13 2	8 25	1 3	F 29
S 30	23 9	14 3	1 22	24 10	0 45	23 4	0 16	4 41	1 57	17 46	0 57	12 54	1 20	18 46	0 39	13 35	1 44	5 21	14 21	17 30	17 3	13 0	8 25	1 3	S 30
S 31	23s 5	17s 0	0s14	24s16	0s51	23s 9	0n14	4s51	1n57	17s49	0n57	12n55	1n20	18n47	0n39	13s35	1n44	5n21	14s21	17s31	17s 2	12s59	8n25	1n 3	S 31

Julian Day Number = 2497169.5, Delta T = 106.01 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°29'08, Lahiri = 25°36'09

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ASTRODIENST EPHEMERIS for the year 2125
geocentric

JANUARY 2125 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 42 45	10♑32'29	29♏ 6	2♑ 7	27♐50	17♎27	24♏ 5	29°R25	8°R19	11♏22	26°R23	19°R11	17♏25	9♒30	19♈ 2	M 1
T 2	6 46 42	11°33'39	11♐28	3°40	29° 5	17°56	24°16	29♌23	8♌17	11°24	26♉22	19♏ 9	17°22	9°36	19° 2	T 2
W 3	6 50 38	12°34'49	23°42	5°14	0♑21	18°25	24°27	29°20	8°14	11°25	26°21	19° 4	17°19	9°43	19° 2	W 3
T 4	6 54 35	13°35'59	5♑48	6°48	1°36	18°54	24°38	29°18	8°12	11°26	26°21	18°56	17°16	9°50	19° 2	T 4
F 5	6 58 31	14°37'10	17°49	8°22	2°52	19°22	24°48	29°15	8°10	11°28	26°20	18°46	17°13	9°56	19° 3	F 5
S 6	7 2 28	15°38'20	29°45	9°57	4° 7	19°50	24°59	29°12	8° 7	11°29	26°19	18°34	17° 9	10° 3	19° 3	S 6
S 7	7 6 24	16°39'30	11♒38	11°32	5°23	20°18	25° 9	29° 9	8° 5	11°30	26°19	18°22	17° 6	10°10	19° 3	S 7
M 8	7 10 21	17°40'40	23°29	13° 8	6°38	20°46	25°20	29° 6	8° 3	11°31	26°18	18°11	17° 3	10°17	19° 4	M 8
T 9	7 14 17	18°41'50	5♓21	14°43	7°53	21°14	25°30	29° 3	8° 0	11°32	26°17	18° 1	17° 0	10°23	19° 4	T 9
W10	7 18 14	19°42'59	17°16	16°20	9° 9	21°41	25°40	29° 0	7°58	11°33	26°17	17°53	16°57	10°30	19° 5	W10
T 11	7 22 11	20°44'08	29°17	17°56	10°24	22° 9	25°50	28°57	7°55	11°34	26°16	17°48	16°53	10°37	19° 6	T 11
F 12	7 26 7	21°45'16	11♈30	19°33	11°40	22°36	26° 0	28°54	7°53	11°35	26°16	17°46	16°50	10°44	19° 6	F 12
S 13	7 30 4	22°46'24	23°59	21°11	12°55	23° 3	26°10	28°50	7°50	11°36	26°15	17°D45	16°47	10°50	19° 7	S 13
S 14	7 34 0	23°47'32	6♉48	22°49	14°10	23°29	26°20	28°47	7°48	11°37	26°14	17°45	16°44	10°57	19° 8	S 14
M15	7 37 57	24°48'39	20° 3	24°27	15°26	23°56	26°30	28°43	7°45	11°38	26°14	17°R46	16°41	11° 4	19° 9	M15
T 16	7 41 53	25°49'45	3♊46	26° 6	16°41	24°22	26°39	28°40	7°43	11°39	26°13	17°45	16°38	11°10	19°10	T 16
W17	7 45 50	26°50'50	17°59	27°45	17°57	24°48	26°49	28°36	7°40	11°40	26°13	17°41	16°34	11°17	19°11	W17
T 18	7 49 46	27°51'55	2♋41	29°25	19°12	25°13	26°58	28°32	7°38	11°41	26°12	17°35	16°31	11°24	19°12	T 18
F 19	7 53 43	28°53'00	17°45	1♌ 6	20°27	25°39	27° 7	28°28	7°35	11°42	26°12	17°27	16°28	11°31	19°13	F 19
S 20	7 57 40	29°54'03	3♌ 4	2°46	21°43	26° 4	27°16	28°24	7°33	11°43	26°12	17°16	16°25	11°37	19°14	S 20
S 21	8 1 36	0♒55'07	18°25	4°28	22°58	26°29	27°25	28°20	7°30	11°43	26°11	17° 5	16°22	11°44	19°15	S 21
M22	8 5 33	1°56'09	3♍36	6°10	24°14	26°54	27°34	28°16	7°27	11°44	26°11	16°55	16°19	11°51	19°16	M22
T 23	8 9 29	2°57'11	18°29	7°52	25°29	27°18	27°43	28°12	7°25	11°45	26°10	16°46	16°15	11°57	19°18	T 23
W24	8 13 26	3°58'13	2♎56	9°35	26°44	27°43	27°52	28° 8	7°22	11°46	26°10	16°41	16°12	12° 4	19°19	W24
T 25	8 17 22	4°59'14	16°54	11°18	28° 0	28° 6	28° 0	28° 4	7°20	11°46	26°10	16°37	16° 9	12°11	19°20	T 25
F 26	8 21 19	6° 0'15	0♏24	13° 1	29°15	28°30	28° 9	28° 0	7°17	11°47	26° 9	16°36	16° 6	12°18	19°22	F 26
S 27	8 25 15	7° 1'15	13°28	14°45	0♒30	28°53	28°17	27°55	7°14	11°47	26° 9	16°36	16° 3	12°24	19°23	S 27
S 28	8 29 12	8° 2'15	26°10	16°30	1°46	29°17	28°25	27°51	7°12	11°48	26° 9	16°36	15°59	12°31	19°25	S 28
M29	8 33 9	9° 3'15	8♐35	18°14	3° 1	29°39	28°33	27°46	7° 9	11°48	26° 9	16°34	15°56	12°38	19°27	M29
T 30	8 37 5	10° 4'14	20°48	19°58	4°17	0♏ 2	28°41	27°42	7° 6	11°49	26° 8	16°30	15°53	12°45	19°28	T 30
W31	8 41 2	11♒ 5'12	2♑51	21♒43	5♒32	0♏24	28♏49	27♌37	7♌ 4	11♏49	26♉ 8	16♏23	15♏50	12♒51	19♈30	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 0	19s 5	0n53	24s21	0s57	23s13	0n11	5s 2	1n58	17s51	0n57	12n56	1n21	18n48	0n39	13s35	1n44	5n21	14s21	17s31	17s 1	12s57	8n25	1n 2
T 2	22 55	20 13	1 57	24 25	1 3	23 16	0 9	5 13	1 58	17 54	0 57	12 57	1 21	18 48	0 39	13 36	1 44	5 21	14 21	17 30	17 0	12 55	8 24	1 2
W 3	22 50	20 22	2 54	24 28	1 9	23 19	0 6	5 23	1 58	17 56	0 57	12 58	1 21	18 49	0 39	13 36	1 44	5 21	14 20	17 28	16 59	12 53	8 24	1 2
T 4	22 44	19 35	3 43	24 29	1 14	23 21	0 4	5 34	1 59	17 59	0 57	12 59	1 21	18 49	0 39	13 36	1 44	5 21	14 20	17 26	16 58	12 51	8 24	1 2
F 5	22 37	17 55	4 21	24 29	1 19	23 22	0 2	5 44	1 59	18 2	0 58	13 0	1 21	18 50	0 39	13 37	1 44	5 22	14 20	17 23	16 58	12 49	8 24	1 2
S 6	22 30	15 30	4 48	24 27	1 24	23 22	0s 1	5 54	2 0	18 4	0 58	13 1	1 22	18 51	0 39	13 37	1 44	5 22	14 20	17 20	16 57	12 47	8 24	1 2
S 7	22 23	12 27	5 2	24 24	1 29	23 22	0 3	6 4	2 0	18 6	0 58	13 2	1 22	18 51	0 39	13 37	1 44	5 22	14 19	17 17	16 56	12 46	8 24	1 2
M 8	22 15	8 55	5 2	24 20	1 34	23 21	0 6	6 14	2 1	18 9	0 58	13 3	1 22	18 52	0 39	13 38	1 44	5 22	14 19	17 14	16 55	12 44	8 25	1 2
T 9	22 7	5 2	4 50	24 14	1 38	23 19	0 8	6 24	2 1	18 11	0 58	13 5	1 22	18 53	0 39	13 38	1 44	5 22	14 19	17 11	16 54	12 42	8 25	1 1
W10	21 58	0 57	4 25	24 7	1 42	23 17	0 11	6 34	2 2	18 14	0 58	13 6	1 22	18 53	0 39	13 38	1 44	5 22	14 19	17 9	16 53	12 40	8 25	1 1
T 11	21 49	3n13	3 48	23 58	1 46	23 14	0 13	6 44	2 2	18 16	0 58	13 7	1 23	18 54	0 39	13 38	1 44	5 22	14 18	17 8	16 52	12 38	8 25	1 1
F 12	21 40	7 19	3 0	23 48	1 49	23 10	0 16	6 53	2 2	18 18	0 58	13 9	1 23	18 55	0 39	13 39	1 44	5 22	14 18	17 7	16 51	12 36	8 25	1 1
S 13	21 30	11 12	2 3	23 36	1 52	23 6	0 18	7 3	2 3	18 20	0 58	13 10	1 23	18 55	0 39	13 39	1 44	5 23	14 18	17 7	16 50	12 34	8 25	1 1
S 14	21 20	14 41	0 58	23 23	1 55	23 0	0 20	7 12	2 3	18 23	0 58	13 11	1 23	18 56	0 39	13 39	1 44	5 23	14 17	17 7	16 49	12 32	8 25	1 1
M15	21 9	17 33	0s12	23 9	1 58	22 54	0 23	7 21	2 4	18 25	0 58	13 13	1 23	18 57	0 39	13 39	1 44	5 23	14 17	17 7	16 49	12 31	8 26	1 1
T 16	20 58	19 31	1 24	22 53	2 0	22 48	0 25	7 31	2 4	18 27	0 58	13 14	1 24	18 57	0 39	13 40	1 44	5 23	14 17	17 7	16 48	12 29	8 26	1 0
W17	20 46	20 20	2 33	22 35	2 2	22 40	0 27	7 40	2 5	18 29	0 58	13 16	1 24	18 58	0 39	13 40	1 45	5 23	14 17	17 6	16 47	12 27	8 26	1 0
T 18	20 34	19 49	3 34	22 16	2 4	22 32	0 30	7 49	2 5	18 31	0 58	13 17	1 24	18 59	0 39	13 40	1 45	5 23	14 16	17 4	16 46	12 25	8 26	1 0
F 19	20 22	17 55	4 22	21 56	2 5	22 23	0 32	7 57	2 6	18 33	0 59	13 19	1 24	18 59	0 39	13 40	1 45	5 24	14 16	17 2	16 45	12 23	8 27	1 0
S 20	20 9	14 43	4 52	21 34	2 5	22 14	0 34	8 6	2 6	18 35	0 59	13 20	1 24	19 0	0 39	13 41	1 45	5 24	14 16	16 59	16 44	12 21	8 27	1 0
S 21	19 56	10 31	5 1	21 10	2 6	22 4	0 36	8 15	2 6	18 37	0 59	13 22	1 24	19 1	0 39	13 41	1 45	5 24	14 15	16 55	16 43	12 19	8 27	1 0
M22	19 43	5 41	4 49	20 45	2 6	21 53	0 38	8 23	2 7	18 39	0 59	13 23	1 25	19 1	0 39	13 41	1 45	5 24	14 15	16 53	16 42	12 17	8 28	1 0
T 23	19 29	0 37	4 17	20 18	2 5	21 42	0 41	8 31	2 7	18 41	0 59	13 25	1 25	19 2	0 39	13 41	1 45	5 24	14 15	16 50	16 41	12 16	8 28	1 0
W24	19 15	4s22	3 29	19 50	2 4	21 29	0 43	8 40	2 8	18 43	0 59	13 26	1 25	19 3	0 39	13 41	1 45	5 25	14 14	16 48	16 40	12 14	8 28	0 59
T 25	19 0	8 57	2 30	19 21	2 3	21 17	0 45	8 48	2 8	18 44	0 59	13 28	1 25	19 3	0 39	13 41	1 45	5 25	14 14	16 48	16 39	12 12	8 29	0 59
F 26	18 45	12 55	1 25	18 49	2 1	21 3	0 47	8 56	2 9	18 46	0 59	13 30	1 25	19 4	0 39	13 41	1 45	5 25	14 14	16 47	16 39	12 10	8 29	0 59
S 27	18 30	16 8	0 17	18 17	1 58	20 49	0 49	9 4	2 9	18 48	0 59	13 31	1 25	19 5	0 39	13 42	1 45	5 25	14 14	16 47	16 38	12 8	8 30	0 59
S 28	18 15	18 28	0n50	17 43	1 55	20 35	0 51	9 11	2 9	18 50	0 59	13 33	1 26	19 5	0 39	13 42	1 45	5 26	14 13	16 47	16 37	12 6	8 30	0 59
M29	17 59	19 51	1 53	17 7	1 52	20 19	0 53	9 19	2 10	18 51	0 59	13 35	1 26	19 6	0 39	13 42	1 45	5 26	14 13	16 47	16 36	12 4	8 31	0 59
T 30	17 43	20 16	2 50	16 31	1 47	20 3	0 54	9 26	2 10	18 53	1 0	13 36	1 26	19 7	0 39	13 42	1 45	5 26	14 13	16 46	16 35	12 2	8 31	0 59
W31	17s26	19s45	3n38	15s52	1s42	19s47	0s56	9s34	2n11	18s55	1n 0	13n38	1n26	19n 7	0n39	13s42	1n45	5n26	14s12	16s44	16s34	12s 0	8n32	0n59

Julian Day Number = 2497200.5, Delta T = 106.06 sec
Ecliptic obliquity = 23°25'16, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°29'13, Lahiri = 25°36'13

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ASTRODIENST EPHEMERIS for the year 2125
geocentric

FEBRUARY 2125 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 58	12♒ 6'09	14♉49	23♒27	6♒47	0♏46	28♏56	27°R33	7°R 1	11♏50	26°R 8	16°R13	15♏47	12♒58	19♈32	T 1
F 2	8 48 55	13° 7'05	26°43	25°11	8° 3	1° 7	29° 4	27♌28	6♌59	11°50	26♉ 8	16♏ 0	15°44	13° 5	19°34	F 2
S 3	8 52 51	14° 8'01	8♒35	26°54	9°18	1°28	29°11	27°24	6°56	11°50	26° 8	15°45	15°40	13°11	19°35	S 3
S 4	8 56 48	15° 8'55	20°27	28°36	10°33	1°49	29°18	27°19	6°53	11°50	26° 8	15°30	15°37	13°18	19°37	S 4
M 5	9 0 44	16° 9'49	2♓20	0♓17	11°49	2°10	29°26	27°14	6°51	11°51	26° 8	15°15	15°34	13°25	19°39	M 5
T 6	9 4 41	17°10'41	14°15	1°57	13° 4	2°30	29°32	27° 9	6°48	11°51	26° 7	15° 2	15°31	13°32	19°41	T 6
W 7	9 8 38	18°11'32	26°14	3°35	14°19	2°49	29°39	27° 5	6°46	11°51	26° 7	14°51	15°28	13°38	19°43	W 7
T 8	9 12 34	19°12'21	8♈20	5°10	15°34	3° 9	29°46	27° 0	6°43	11°51	26° 7	14°44	15°25	13°45	19°45	T 8
F 9	9 16 31	20°13'09	20°35	6°43	16°50	3°28	29°52	26°55	6°41	11°51	26°D 7	14°40	15°21	13°52	19°48	F 9
S 10	9 20 27	21°13'56	3♉ 3	8°12	18° 5	3°46	29°59	26°50	6°38	11°51	26° 7	14°38	15°18	13°59	19°50	S 10
S 11	9 24 24	22°14'41	15°49	9°38	19°20	4° 4	0♐ 5	26°45	6°36	11°51	26° 7	14°38	15°15	14° 5	19°52	S 11
M12	9 28 20	23°15'25	28°56	10°58	20°36	4°22	0°11	26°41	6°33	11°R51	26° 7	14°38	15°12	14°12	19°54	M12
T 13	9 32 17	24°16'07	12♊28	12°14	21°51	4°40	0°17	26°36	6°31	11°51	26° 8	14°37	15° 9	14°19	19°57	T 13
W14	9 36 13	25°16'47	26°29	13°23	23° 6	4°56	0°23	26°31	6°28	11°51	26° 8	14°33	15° 5	14°25	19°59	W14
T 15	9 40 10	26°17'26	10♋57	14°26	24°21	5°13	0°28	26°26	6°26	11°51	26° 8	14°28	15° 2	14°32	20° 1	T 15
F 16	9 44 7	27°18'04	25°51	15°20	25°36	5°29	0°34	26°21	6°23	11°51	26° 8	14°19	14°59	14°39	20° 4	F 16
S 17	9 48 3	28°18'39	11♌ 3	16° 7	26°52	5°45	0°39	26°16	6°21	11°51	26° 8	14° 9	14°56	14°46	20° 6	S 17
S 18	9 52 0	29°19'13	26°23	16°45	28° 7	6° 0	0°44	26°11	6°19	11°51	26° 8	13°58	14°53	14°52	20° 9	S 18
M19	9 55 56	0♓19'45	11♍40	17°13	29°22	6°14	0°49	26° 6	6°16	11°51	26° 9	13°47	14°50	14°59	20°11	M19
T 20	9 59 53	1°20'16	26°42	17°32	0♓37	6°28	0°54	26° 2	6°14	11°50	26° 9	13°39	14°46	15° 6	20°14	T 20
W21	10 3 49	2°20'46	11♎21	17°R40	1°52	6°42	0°58	25°57	6°12	11°50	26° 9	13°32	14°43	15°12	20°17	W21
T 22	10 7 46	3°21'14	25°31	17°39	3° 7	6°55	1° 3	25°52	6° 9	11°50	26° 9	13°29	14°40	15°19	20°19	T 22
F 23	10 11 42	4°21'41	9♏12	17°27	4°22	7° 8	1° 7	25°47	6° 7	11°49	26°10	13°D28	14°37	15°26	20°22	F 23
S 24	10 15 39	5°22'07	22°23	17° 5	5°38	7°20	1°11	25°42	6° 5	11°49	26°10	13°28	14°34	15°33	20°25	S 24
S 25	10 19 36	6°22'31	5♐10	16°34	6°53	7°32	1°15	25°38	6° 3	11°49	26°10	13°R28	14°30	15°39	20°27	S 25
M26	10 23 32	7°22'54	17°37	15°54	8° 8	7°43	1°19	25°33	6° 1	11°48	26°11	13°28	14°27	15°46	20°30	M26
T 27	10 27 29	8°23'16	29°47	15° 7	9°23	7°53	1°22	25°28	5°59	11°48	26°11	13°25	14°24	15°53	20°33	T 27
W28	10 31 25	9♓23'36	11♉48	14♓13	10♓38	8♏ 3	1♐26	25♌24	5♌56	11♏47	26♉11	13♏20	14♏21	16♒ 0	20♈36	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 9	18s21	4n16	15s13	1s37	19s30	0s58	9s41	2n11	18s56	1n 0	13n40	1n26	19n 8	0n39	13s42	1n45	5n27	14s12	16s41	16s33	11s59	8n32	0n59
F 2	16 52	16 10	4 43	14 33	1 31	19 12	1 0	9 48	2 12	18 58	1 0	13 42	1 26	19 9	0 39	13 42	1 45	5 27	14 12	16 37	16 32	11 57	8 33	0 58
S 3	16 35	13 19	4 57	13 51	1 24	18 54	1 1	9 55	2 12	18 59	1 0	13 43	1 26	19 9	0 39	13 42	1 46	5 27	14 11	16 33	16 31	11 55	8 33	0 58
S 4	16 17	9 57	4 58	13 8	1 16	18 35	1 3	10 2	2 12	19 1	1 0	13 45	1 27	19 10	0 39	13 42	1 46	5 27	14 11	16 28	16 30	11 53	8 34	0 58
M 5	15 59	6 11	4 46	12 25	1 8	18 16	1 5	10 8	2 13	19 2	1 0	13 47	1 27	19 11	0 39	13 42	1 46	5 28	14 11	16 24	16 29	11 51	8 35	0 58
T 6	15 40	2 10	4 22	11 41	0 59	17 56	1 6	10 15	2 13	19 3	1 0	13 48	1 27	19 11	0 39	13 42	1 46	5 28	14 10	16 20	16 28	11 49	8 35	0 58
W 7	15 22	1n58	3 46	10 57	0 49	17 36	1 8	10 21	2 14	19 5	1 0	13 50	1 27	19 12	0 39	13 42	1 46	5 28	14 10	16 17	16 28	11 47	8 36	0 58
T 8	15 3	6 3	2 59	10 12	0 38	17 15	1 9	10 27	2 14	19 6	1 1	13 52	1 27	19 13	0 39	13 42	1 46	5 29	14 10	16 15	16 27	11 45	8 37	0 58
F 9	14 44	9 56	2 3	9 27	0 27	16 54	1 11	10 33	2 14	19 7	1 1	13 54	1 27	19 13	0 39	13 42	1 46	5 29	14 9	16 13	16 26	11 43	8 37	0 58
S 10	14 25	13 28	1 1	8 43	0 14	16 32	1 12	10 39	2 15	19 8	1 1	13 55	1 27	19 14	0 39	13 42	1 46	5 29	14 9	16 13	16 25	11 41	8 38	0 57
S 11	14 5	16 28	0s 6	7 59	0 2	16 10	1 13	10 45	2 15	19 10	1 1	13 57	1 27	19 14	0 39	13 42	1 46	5 30	14 9	16 13	16 24	11 40	8 39	0 57
M12	13 45	18 41	1 15	7 16	0n12	15 48	1 14	10 50	2 15	19 11	1 1	13 59	1 27	19 15	0 39	13 42	1 46	5 30	14 8	16 13	16 23	11 38	8 40	0 57
T 13	13 25	19 56	2 22	6 34	0 26	15 24	1 16	10 56	2 16	19 12	1 1	14 1	1 28	19 16	0 39	13 42	1 46	5 30	14 8	16 13	16 22	11 36	8 40	0 57
W14	13 5	20 1	3 22	5 54	0 41	15 1	1 17	11 1	2 16	19 13	1 1	14 3	1 28	19 16	0 39	13 42	1 46	5 31	14 8	16 12	16 21	11 34	8 41	0 57
T 15	12 45	18 47	4 12	5 16	0 56	14 37	1 18	11 6	2 17	19 14	1 1	14 4	1 28	19 17	0 39	13 42	1 46	5 31	14 8	16 10	16 20	11 32	8 42	0 57
F 16	12 24	16 17	4 46	4 40	1 12	14 13	1 19	11 11	2 17	19 15	1 1	14 6	1 28	19 17	0 39	13 42	1 46	5 31	14 7	16 7	16 19	11 30	8 43	0 57
S 17	12 3	12 37	5 1	4 8	1 27	13 48	1 20	11 16	2 17	19 16	1 2	14 8	1 28	19 18	0 39	13 41	1 46	5 32	14 7	16 4	16 18	11 28	8 44	0 57
S 18	11 42	8 6	4 54	3 38	1 43	13 23	1 21	11 21	2 17	19 17	1 2	14 9	1 28	19 19	0 39	13 41	1 46	5 32	14 7	16 1	16 17	11 26	8 44	0 57
M19	11 21	3 4	4 27	3 13	1 59	12 57	1 21	11 25	2 18	19 18	1 2	14 11	1 28	19 19	0 39	13 41	1 46	5 32	14 6	15 58	16 16	11 24	8 45	0 56
T 20	10 59	2s 4	3 41	2 51	2 15	12 32	1 22	11 30	2 18	19 19	1 2	14 13	1 28	19 20	0 39	13 41	1 47	5 33	14 6	15 55	16 15	11 22	8 46	0 56
W21	10 38	6 58	2 41	2 34	2 29	12 5	1 23	11 34	2 18	19 20	1 2	14 15	1 28	19 20	0 39	13 41	1 47	5 33	14 6	15 53	16 15	11 20	8 47	0 56
T 22	10 16	11 19	1 34	2 22	2 44	11 39	1 23	11 38	2 19	19 20	1 2	14 16	1 28	19 21	0 39	13 41	1 47	5 33	14 5	15 52	16 14	11 18	8 48	0 56
F 23	9 54	14 54	0 23	2 15	2 57	11 12	1 24	11 42	2 19	19 21	1 2	14 18	1 28	19 21	0 39	13 41	1 47	5 34	14 5	15 52	16 13	11 17	8 49	0 56
S 24	9 32	17 35	0n47	2 12	3 9	10 45	1 25	11 45	2 19	19 22	1 2	14 20	1 28	19 22	0 39	13 40	1 47	5 34	14 5	15 52	16 12	11 15	8 50	0 56
S 25	9 10	19 18	1 53	2 15	3 19	10 18	1 25	11 49	2 19	19 22	1 3	14 21	1 28	19 23	0 39	13 40	1 47	5 35	14 4	15 52	16 11	11 13	8 51	0 56
M26	8 48	20 0	2 51	2 22	3 28	9 50	1 25	11 52	2 20	19 23	1 3	14 23	1 29	19 23	0 39	13 40	1 47	5 35	14 4	15 52	16 10	11 11	8 52	0 56
T 27	8 25	19 45	3 40	2 34	3 35	9 22	1 26	11 55	2 20	19 24	1 3	14 25	1 29	19 24	0 39	13 40	1 47	5 35	14 4	15 51	16 9	11 9	8 53	0 56
W28	8s 2	18s36	4n19	2s50	3n39	8s54	1s26	11s58	2n20	19s24	1n 3	14n26	1n29	19n24	0n39	13s40	1n47	5n36	14s 3	15s50	16s 8	11s 7	8n54	0n55

Julian Day Number = 2497231.5, Delta T = 106.11 sec
Ecliptic obliquity = 23°25'16, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°29'17, Lahiri = 25°36'17

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ASTRODIENST EPHEMERIS for the year 2125
geocentric

MARCH 2125 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 22	10♓23'55	23♉41	13°R15	11♓53	8♏13	1♐29	25°R19	5°R54	11°R47	26♉12	13°R13	14♏18	16♒ 6	20♈39	T 1
F 2	10 39 18	11°24'12	5♒32	12♓14	13° 8	8°21	1°32	25♌14	5♌52	11♏46	26°12	13♏ 3	14°15	16°13	20°42	F 2
S 3	10 43 15	12°24'28	17°24	11°10	14°23	8°29	1°35	25°10	5°50	11°45	26°13	12°52	14°11	16°20	20°45	S 3
S 4	10 47 11	13°24'42	29°17	10° 7	15°38	8°37	1°38	25° 5	5°48	11°45	26°13	12°39	14° 8	16°26	20°48	S 4
M 5	10 51 8	14°24'54	11♓14	9° 4	16°53	8°44	1°40	25° 1	5°47	11°44	26°14	12°28	14° 5	16°33	20°51	M 5
T 6	10 55 4	15°25'04	23°17	8° 5	18° 8	8°50	1°42	24°56	5°45	11°43	26°14	12°17	14° 2	16°40	20°54	T 6
W 7	10 59 1	16°25'13	5♈25	7° 9	19°23	8°55	1°45	24°52	5°43	11°43	26°15	12° 9	13°59	16°47	20°57	W 7
T 8	11 2 58	17°25'19	17°42	6°18	20°38	9° 0	1°47	24°48	5°41	11°42	26°15	12° 4	13°56	16°53	21° 0	T 8
F 9	11 6 54	18°25'24	0♉ 8	5°32	21°53	9° 5	1°48	24°43	5°39	11°41	26°16	12° 1	13°52	17° 0	21° 3	F 9
S 10	11 10 51	19°25'27	12°45	4°53	23° 8	9° 8	1°50	24°39	5°38	11°40	26°17	12°D 0	13°49	17° 7	21° 7	S 10
S 11	11 14 47	20°25'27	25°37	4°19	24°23	9°11	1°51	24°35	5°36	11°39	26°17	12° 1	13°46	17°13	21°10	S 11
M12	11 18 44	21°25'26	8♊45	3°53	25°37	9°13	1°53	24°31	5°34	11°38	26°18	12° 2	13°43	17°20	21°13	M12
T 13	11 22 40	22°25'22	22°14	3°33	26°52	9°14	1°54	24°27	5°33	11°38	26°19	12°R 2	13°40	17°27	21°16	T 13
W14	11 26 37	23°25'16	6♋ 5	3°20	28° 7	9°R15	1°54	24°23	5°31	11°37	26°19	12° 2	13°36	17°34	21°20	W14
T 15	11 30 33	24°25'08	20°18	3°13	29°22	9°15	1°55	24°19	5°30	11°36	26°20	11°59	13°33	17°40	21°23	T 15
F 16	11 34 30	25°24'57	4♌53	3°D12	0♈37	9°14	1°56	24°15	5°29	11°35	26°21	11°54	13°30	17°47	21°26	F 16
S 17	11 38 27	26°24'45	19°44	3°18	1°51	9°13	1°56	24°12	5°27	11°34	26°21	11°48	13°27	17°54	21°29	S 17
S 18	11 42 23	27°24'30	4♍45	3°29	3° 6	9°11	1°R56	24° 8	5°26	11°33	26°22	11°41	13°24	18° 1	21°33	S 18
M19	11 46 20	28°24'13	19°47	3°46	4°21	9° 8	1°56	24° 4	5°25	11°32	26°23	11°34	13°21	18° 7	21°36	M19
T 20	11 50 16	29°23'54	4♎40	4° 8	5°35	9° 4	1°56	24° 1	5°23	11°30	26°24	11°29	13°17	18°14	21°40	T 20
W21	11 54 13	0♈23'33	19°15	4°34	6°50	9° 0	1°55	23°57	5°22	11°29	26°24	11°25	13°14	18°21	21°43	W21
T 22	11 58 9	1°23'10	3♏28	5° 6	8° 5	8°54	1°54	23°54	5°21	11°28	26°25	11°23	13°11	18°27	21°46	T 22
F 23	12 2 6	2°22'45	17°14	5°41	9°19	8°48	1°54	23°51	5°20	11°27	26°26	11°D23	13° 8	18°34	21°50	F 23
S 24	12 6 2	3°22'19	0♐33	6°21	10°34	8°42	1°53	23°48	5°19	11°26	26°27	11°24	13° 5	18°41	21°53	S 24
S 25	12 9 59	4°21'51	13°26	7° 5	11°49	8°34	1°51	23°44	5°18	11°25	26°28	11°26	13° 2	18°48	21°57	S 25
M26	12 13 56	5°21'21	25°58	7°52	13° 3	8°26	1°50	23°41	5°17	11°23	26°29	11°27	12°58	18°54	22° 0	M26
T 27	12 17 52	6°20'49	8♑13	8°43	14°18	8°17	1°48	23°38	5°16	11°22	26°30	11°R27	12°55	19° 1	22° 4	T 27
W28	12 21 49	7°20'16	20°16	9°36	15°32	8° 7	1°47	23°36	5°15	11°21	26°31	11°26	12°52	19° 8	22° 7	W28
T 29	12 25 45	8°19'41	2♒10	10°33	16°47	7°56	1°45	23°33	5°14	11°20	26°32	11°24	12°49	19°15	22°11	T 29
F 30	12 29 42	9°19'04	14° 2	11°32	18° 1	7°45	1°43	23°30	5°14	11°18	26°33	11°20	12°46	19°21	22°14	F 30
S 31	12 33 38	10♈18'25	25♒54	12♓35	19♈16	7♏32	1♐40	23♌28	5♌13	11♏17	26♉34	11♏15	12♏42	19♒28	22♈18	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s40	16s39	4n46	3s10	3n42	8s26	1s26	12s 1	2n20	19s25	1n 3	14n28	1n29	19n25	0n39	13s39	1n47	5n36	14s 3	15s48	16s 7	11s 5	8n55	0n55
F 2	7 17	14 1	5 1	3 33	3 42	7 57	1 26	12 4	2 20	19 25	1 3	14 29	1 29	19 25	0 39	13 39	1 47	5 37	14 3	15 45	16 6	11 3	8 56	0 55
S 3	6 54	10 48	5 2	3 58	3 40	7 28	1 26	12 6	2 20	19 26	1 3	14 31	1 29	19 25	0 39	13 39	1 47	5 37	14 2	15 41	16 5	11 1	8 57	0 55
S 4	6 31	7 10	4 51	4 26	3 36	6 59	1 26	12 9	2 21	19 26	1 3	14 33	1 29	19 26	0 39	13 39	1 47	5 37	14 2	15 38	16 4	10 59	8 58	0 55
M 5	6 8	3 14	4 26	4 54	3 30	6 30	1 26	12 11	2 21	19 27	1 4	14 34	1 29	19 26	0 39	13 38	1 47	5 38	14 2	15 34	16 3	10 57	8 59	0 55
T 6	5 45	0n51	3 50	5 24	3 23	6 1	1 26	12 13	2 21	19 27	1 4	14 36	1 29	19 27	0 39	13 38	1 47	5 38	14 2	15 31	16 2	10 55	9 0	0 55
W 7	5 21	4 57	3 3	5 53	3 13	5 31	1 26	12 14	2 21	19 27	1 4	14 37	1 29	19 27	0 39	13 38	1 47	5 39	14 1	15 28	16 1	10 53	9 1	0 55
T 8	4 58	8 53	2 7	6 22	3 2	5 1	1 26	12 16	2 21	19 27	1 4	14 39	1 29	19 28	0 39	13 38	1 47	5 39	14 1	15 27	16 0	10 51	9 2	0 55
F 9	4 35	12 30	1 3	6 50	2 51	4 32	1 25	12 17	2 21	19 28	1 4	14 40	1 29	19 28	0 39	13 37	1 47	5 39	14 1	15 26	15 59	10 50	9 3	0 55
S 10	4 11	15 35	0s 4	7 16	2 38	4 2	1 25	12 18	2 21	19 28	1 4	14 41	1 29	19 28	0 39	13 37	1 48	5 40	14 0	15 25	15 58	10 48	9 4	0 54
S 11	3 47	17 58	1 13	7 41	2 24	3 32	1 25	12 19	2 21	19 28	1 4	14 43	1 29	19 29	0 39	13 37	1 48	5 40	14 0	15 26	15 58	10 46	9 5	0 54
M12	3 24	19 27	2 19	8 3	2 10	3 1	1 24	12 20	2 21	19 28	1 4	14 44	1 29	19 29	0 39	13 36	1 48	5 41	14 0	15 26	15 57	10 44	9 7	0 54
T 13	3 0	19 53	3 19	8 24	1 56	2 31	1 23	12 20	2 21	19 28	1 5	14 46	1 29	19 30	0 39	13 36	1 48	5 41	13 59	15 26	15 56	10 42	9 8	0 54
W14	2 37	19 7	4 10	8 42	1 41	2 1	1 23	12 21	2 20	19 28	1 5	14 47	1 29	19 30	0 39	13 36	1 48	5 42	13 59	15 26	15 55	10 40	9 9	0 54
T 15	2 13	17 10	4 46	8 58	1 27	1 30	1 22	12 21	2 20	19 28	1 5	14 48	1 29	19 30	0 39	13 35	1 48	5 42	13 59	15 25	15 54	10 38	9 10	0 54
F 16	1 49	14 5	5 6	9 12	1 12	1 0	1 21	12 21	2 20	19 28	1 5	14 50	1 29	19 31	0 39	13 35	1 48	5 42	13 59	15 24	15 53	10 36	9 11	0 54
S 17	1 26	10 3	5 5	9 23	0 58	0 30	1 21	12 21	2 20	19 28	1 5	14 51	1 29	19 31	0 39	13 35	1 48	5 43	13 58	15 22	15 52	10 34	9 12	0 54
S 18	1 2	5 21	4 44	9 32	0 44	0n 1	1 20	12 20	2 20	19 28	1 5	14 52	1 29	19 31	0 39	13 34	1 48	5 43	13 58	15 20	15 51	10 32	9 13	0 54
M19	0 38	0 19	4 3	9 39	0 30	0 31	1 19	12 20	2 19	19 28	1 5	14 53	1 29	19 32	0 39	13 34	1 48	5 44	13 58	15 18	15 50	10 30	9 15	0 54
T 20	0 14	4s41	3 6	9 43	0 17	1 2	1 18	12 19	2 19	19 28	1 5	14 54	1 29	19 32	0 38	13 34	1 48	5 44	13 57	15 16	15 49	10 28	9 16	0 54
W21	0n 9	9 20	1 57	9 46	0 4	1 32	1 17	12 18	2 18	19 28	1 6	14 55	1 29	19 32	0 38	13 33	1 48	5 45	13 57	15 15	15 48	10 26	9 17	0 53
T 22	0 33	13 20	0 43	9 46	0s 8	2 3	1 15	12 16	2 18	19 27	1 6	14 57	1 29	19 32	0 38	13 33	1 48	5 45	13 57	15 14	15 47	10 24	9 18	0 53
F 23	0 57	16 27	0n32	9 44	0 20	2 33	1 14	12 15	2 18	19 27	1 6	14 58	1 29	19 33	0 38	13 32	1 48	5 45	13 57	15 14	15 46	10 22	9 19	0 53
S 24	1 20	18 35	1 42	9 40	0 32	3 4	1 13	12 13	2 17	19 27	1 6	14 59	1 29	19 33	0 38	13 32	1 48	5 46	13 56	15 14	15 45	10 20	9 21	0 53
S 25	1 44	19 39	2 46	9 34	0 43	3 34	1 12	12 12	2 16	19 26	1 6	15 0	1 29	19 33	0 38	13 32	1 48	5 46	13 56	15 15	15 44	10 18	9 22	0 53
M26	2 8	19 43	3 39	9 26	0 53	4 4	1 10	12 9	2 16	19 26	1 6	15 1	1 29	19 33	0 38	13 31	1 48	5 47	13 56	15 15	15 43	10 16	9 23	0 53
T 27	2 31	18 49	4 21	9 16	1 3	4 34	1 9	12 7	2 15	19 26	1 6	15 2	1 29	19 33	0 38	13 31	1 48	5 47	13 56	15 15	15 42	10 15	9 24	0 53
W28	2 55	17 6	4 51	9 5	1 12	5 4	1 8	12 5	2 14	19 25	1 6	15 2	1 29	19 34	0 38	13 30	1 48	5 48	13 55	15 15	15 41	10 13	9 26	0 53
T 29	3 18	14 40	5 8	8 52	1 21	5 34	1 6	12 2	2 14	19 25	1 6	15 3	1 29	19 34	0 38	13 30	1 48	5 48	13 55	15 14	15 40	10 11	9 27	0 53
F 30	3 41	11 38	5 11	8 37	1 30	6 4	1 4	11 59	2 13	19 24	1 6	15 4	1 29	19 34	0 38	13 30	1 48	5 49	13 55	15 13	15 39	10 9	9 28	0 53
S 31	4n 5	8s 8	5n 2	8s20	1s38	6n34	1s 3	11s56	2n12	19s24	1n 7	15n 5	1n29	19n34	0n38	13s29	1n48	5n49	13s55	15s12	15s38	10s 7	9n29	0n53

Julian Day Number = 2497259.5, Delta T = 106.15 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°29'21, Lahiri = 25°36'21

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ASTRODIENST EPHEMERIS for the year 2125
geocentric

APRIL 2125 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 35	11♈17'44	7♓50	13♓39	20♈30	7°R20	1°R38	23°R25	5°R12	11°R16	26♉35	11°R10	12♏39	19♒35	22♈22	S 1
M 2	12 41 31	12°17'02	19°52	14°47	21°45	7♏ 6	1♐35	23♌23	5♌12	11♏14	26°36	11♏ 4	12°36	19°41	22°25	M 2
T 3	12 45 28	13°16'17	2♈ 3	15°56	22°59	6°51	1°32	23°20	5°11	11°13	26°37	11° 0	12°33	19°48	22°29	T 3
W 4	12 49 24	14°15'30	14°24	17° 8	24°13	6°36	1°29	23°18	5°11	11°11	26°38	10°56	12°30	19°55	22°32	W 4
T 5	12 53 21	15°14'42	26°56	18°22	25°28	6°21	1°26	23°16	5°10	11°10	26°39	10°54	12°27	20° 2	22°36	T 5
F 6	12 57 18	16°13'51	9♉40	19°38	26°42	6° 4	1°23	23°14	5°10	11° 9	26°40	10°D53	12°23	20° 8	22°40	F 6
S 7	13 1 14	17°12'59	22°36	20°55	27°56	5°47	1°19	23°12	5°10	11° 7	26°41	10°54	12°20	20°15	22°43	S 7
S 8	13 5 11	18°12'04	5♊45	22°15	29°11	5°30	1°15	23°11	5° 9	11° 6	26°42	10°55	12°17	20°22	22°47	S 8
M 9	13 9 7	19°11'07	19° 8	23°37	0♉25	5°11	1°11	23° 9	5° 9	11° 4	26°43	10°57	12°14	20°28	22°50	M 9
T 10	13 13 4	20°10'07	2♋45	25° 0	1°39	4°53	1° 7	23° 7	5° 9	11° 3	26°44	10°58	12°11	20°35	22°54	T 10
W11	13 17 0	21° 9'06	16°37	26°25	2°53	4°33	1° 3	23° 6	5° 9	11° 1	26°45	10°R59	12° 7	20°42	22°58	W11
T 12	13 20 57	22° 8'02	0♌43	27°52	4° 8	4°14	0°59	23° 4	5°D 9	11° 0	26°46	10°59	12° 4	20°49	23° 1	T 12
F 13	13 24 53	23° 6'56	15° 2	29°20	5°22	3°53	0°54	23° 3	5° 9	10°58	26°47	10°58	12° 1	20°55	23° 5	F 13
S 14	13 28 50	24° 5'47	29°31	0♈51	6°36	3°33	0°49	23° 2	5° 9	10°57	26°49	10°56	11°58	21° 2	23° 9	S 14
S 15	13 32 47	25° 4'36	14♍ 5	2°23	7°50	3°12	0°45	23° 1	5° 9	10°55	26°50	10°54	11°55	21° 9	23°12	S 15
M16	13 36 43	26° 3'23	28°40	3°56	9° 4	2°50	0°40	23° 0	5° 9	10°54	26°51	10°52	11°52	21°15	23°16	M16
T 17	13 40 40	27° 2'07	13♎ 9	5°31	10°18	2°29	0°34	22°59	5° 9	10°52	26°52	10°50	11°48	21°22	23°19	T 17
W18	13 44 36	28° 0'50	27°25	7° 8	11°32	2° 7	0°29	22°58	5°10	10°50	26°53	10°49	11°45	21°29	23°23	W18
T 19	13 48 33	28°59'31	11♏25	8°46	12°46	1°44	0°24	22°58	5°10	10°49	26°55	10°D49	11°42	21°36	23°27	T 19
F 20	13 52 29	29°58'10	25° 4	10°26	14° 0	1°22	0°18	22°57	5°10	10°47	26°56	10°49	11°39	21°42	23°30	F 20
S 21	13 56 26	0♉56'47	8♐22	12° 8	15°14	1° 0	0°12	22°57	5°11	10°46	26°57	10°50	11°36	21°49	23°34	S 21
S 22	14 0 22	1°55'22	21°18	13°51	16°28	0°37	0° 7	22°57	5°11	10°44	26°58	10°51	11°33	21°56	23°37	S 22
M23	14 4 19	2°53'56	3♑53	15°36	17°42	0°14	0° 1	22°56	5°12	10°42	26°59	10°52	11°29	22° 3	23°41	M23
T 24	14 8 16	3°52'28	16°12	17°23	18°56	29♎51	29♏55	22°D56	5°12	10°41	27° 1	10°52	11°26	22° 9	23°45	T 24
W25	14 12 12	4°50'59	28°17	19°11	20° 9	29°29	29°48	22°56	5°13	10°39	27° 2	10°53	11°23	22°16	23°48	W25
T 26	14 16 9	5°49'27	10♒14	21° 1	21°23	29° 6	29°42	22°56	5°14	10°38	27° 3	10°R53	11°20	22°23	23°52	T 26
F 27	14 20 5	6°47'55	22° 7	22°52	22°37	28°44	29°36	22°57	5°15	10°36	27° 4	10°53	11°17	22°29	23°55	F 27
S 28	14 24 2	7°46'20	4♓ 1	24°45	23°51	28°21	29°29	22°57	5°15	10°34	27° 6	10°52	11°13	22°36	23°59	S 28
S 29	14 27 58	8°44'44	15°59	26°40	25° 5	27°59	29°22	22°57	5°16	10°33	27° 7	10°52	11°10	22°43	24° 2	S 29
M30	14 31 55	9♉43'06	28♓ 6	28♈37	26♉18	27♎37	29♏16	22♌58	5♌17	10♏31	27♉ 8	10♏52	11♏ 7	22♒50	24♈ 6	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n28	4s19	4n39	8s 2	1s45	7n 3	1s 1	11s53	2n11	19s23	1n 7	15n 6	1n29	19n34	0n38	13s29	1n48	5n49	13s54	15s10	15s37	10s 5	9n31	0n53
M 2	4 51	0 16	4 4	7 42	1 52	7 33	0 59	11 49	2 10	19 22	1 7	15 7	1 29	19 34	0 38	13 28	1 49	5 50	13 54	15 8	15 36	10 3	9 32	0 52
T 3	5 14	3n50	3 17	7 21	1 58	8 2	0 58	11 46	2 9	19 22	1 7	15 7	1 29	19 34	0 38	13 28	1 49	5 50	13 54	15 7	15 36	10 1	9 33	0 52
W 4	5 37	7 50	2 20	6 59	2 4	8 31	0 56	11 42	2 8	19 21	1 7	15 8	1 28	19 35	0 38	13 27	1 49	5 51	13 54	15 6	15 35	9 59	9 34	0 52
T 5	6 0	11 33	1 16	6 35	2 9	9 0	0 54	11 38	2 7	19 20	1 7	15 9	1 28	19 35	0 38	13 27	1 49	5 51	13 54	15 5	15 34	9 57	9 36	0 52
F 6	6 23	14 48	0 7	6 9	2 14	9 29	0 52	11 34	2 6	19 19	1 7	15 9	1 28	19 35	0 38	13 26	1 49	5 52	13 53	15 5	15 33	9 55	9 37	0 52
S 7	6 45	17 23	1s 4	5 43	2 18	9 57	0 50	11 29	2 4	19 19	1 7	15 10	1 28	19 35	0 38	13 26	1 49	5 52	13 53	15 5	15 32	9 53	9 38	0 52
S 8	7 8	19 4	2 13	5 15	2 22	10 25	0 48	11 25	2 3	19 18	1 7	15 10	1 28	19 35	0 38	13 25	1 49	5 52	13 53	15 5	15 31	9 51	9 40	0 52
M 9	7 30	19 44	3 15	4 45	2 25	10 53	0 46	11 20	2 1	19 17	1 7	15 11	1 28	19 35	0 38	13 25	1 49	5 53	13 53	15 6	15 30	9 49	9 41	0 52
T 10	7 53	19 16	4 8	4 15	2 28	11 21	0 44	11 15	2 0	19 16	1 7	15 11	1 28	19 35	0 38	13 24	1 49	5 53	13 53	15 6	15 29	9 47	9 42	0 52
W11	8 15	17 38	4 47	3 43	2 30	11 48	0 42	11 10	1 58	19 15	1 8	15 12	1 28	19 35	0 38	13 24	1 49	5 54	13 52	15 7	15 28	9 45	9 43	0 52
T 12	8 37	14 56	5 10	3 10	2 32	12 16	0 40	11 5	1 57	19 14	1 8	15 12	1 28	19 35	0 38	13 23	1 49	5 54	13 52	15 6	15 27	9 43	9 45	0 52
F 13	8 59	11 18	5 15	2 36	2 33	12 42	0 38	11 0	1 55	19 13	1 8	15 12	1 28	19 35	0 38	13 23	1 49	5 55	13 52	15 6	15 26	9 41	9 46	0 52
S 14	9 20	6 58	4 59	2 1	2 34	13 9	0 36	10 55	1 53	19 12	1 8	15 13	1 28	19 35	0 38	13 22	1 49	5 55	13 52	15 6	15 25	9 39	9 47	0 52
S 15	9 42	2 11	4 24	1 24	2 34	13 35	0 33	10 49	1 52	19 11	1 8	15 13	1 28	19 35	0 38	13 22	1 49	5 55	13 52	15 5	15 24	9 37	9 48	0 52
M16	10 3	2s43	3 32	0 47	2 33	14 1	0 31	10 44	1 50	19 10	1 8	15 13	1 28	19 35	0 38	13 21	1 49	5 56	13 51	15 4	15 23	9 35	9 50	0 51
T 17	10 25	7 27	2 27	0 9	2 33	14 27	0 29	10 38	1 48	19 9	1 8	15 14	1 28	19 34	0 38	13 21	1 49	5 56	13 51	15 4	15 22	9 33	9 51	0 51
W18	10 46	11 41	1 13	0n31	2 31	14 52	0 26	10 32	1 46	19 8	1 8	15 14	1 28	19 34	0 38	13 20	1 49	5 57	13 51	15 4	15 21	9 31	9 52	0 51
T 19	11 6	15 12	0n 3	1 11	2 29	15 17	0 24	10 27	1 44	19 7	1 8	15 14	1 28	19 34	0 38	13 20	1 49	5 57	13 51	15 4	15 20	9 29	9 54	0 51
F 20	11 27	17 45	1 18	1 53	2 27	15 41	0 22	10 21	1 42	19 5	1 8	15 14	1 28	19 34	0 38	13 19	1 49	5 58	13 51	15 4	15 19	9 27	9 55	0 51
S 21	11 48	19 16	2 27	2 35	2 24	16 5	0 19	10 15	1 40	19 4	1 8	15 14	1 27	19 34	0 38	13 19	1 49	5 58	13 51	15 4	15 18	9 25	9 56	0 51
S 22	12 8	19 43	3 26	3 18	2 21	16 29	0 17	10 9	1 38	19 3	1 8	15 14	1 27	19 34	0 38	13 18	1 49	5 58	13 50	15 4	15 17	9 24	9 57	0 51
M23	12 28	19 9	4 13	4 2	2 17	16 52	0 14	10 4	1 35	19 2	1 8	15 14	1 27	19 34	0 38	13 18	1 49	5 59	13 50	15 4	15 16	9 22	9 59	0 51
T 24	12 48	17 40	4 48	4 47	2 12	17 15	0 12	9 58	1 33	19 0	1 8	15 14	1 27	19 34	0 38	13 17	1 49	5 59	13 50	15 5	15 15	9 20	10 0	0 51
W25	13 8	15 26	5 9	5 32	2 7	17 37	0 9	9 52	1 31	18 59	1 8	15 14	1 27	19 33	0 38	13 17	1 49	6 0	13 50	15 5	15 14	9 18	10 1	0 51
T 26	13 27	12 34	5 17	6 19	2 2	17 59	0 7	9 46	1 28	18 58	1 8	15 14	1 27	19 33	0 38	13 16	1 49	6 0	13 50	15 5	15 13	9 16	10 2	0 51
F 27	13 46	9 13	5 11	7 6	1 56	18 20	0 4	9 40	1 26	18 56	1 8	15 14	1 27	19 33	0 37	13 16	1 49	6 0	13 50	15 5	15 12	9 14	10 4	0 51
S 28	14 5	5 30	4 52	7 53	1 49	18 41	0 2	9 35	1 24	18 55	1 8	15 14	1 27	19 33	0 37	13 15	1 49	6 1	13 50	15 5	15 11	9 12	10 5	0 51
S 29	14 24	1 32	4 20	8 41	1 42	19 2	0n 1	9 29	1 21	18 53	1 8	15 13	1 27	19 32	0 37	13 15	1 49	6 1	13 49	15 4	15 10	9 10	10 6	0 51
M30	14n43	2n32	3n36	9n30	1s35	19n22	0n 3	9s24	1n19	18s52	1n 8	15n13	1n27	19n32	0n37	13s14	1n49	6n 2	13s49	15s 4	15s 9	9s 8	10n 7	0n51

Julian Day Number = 2497290.5, Delta T = 106.20 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°29'25, Lahiri = 25°36'26

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ASTRODIENST EPHEMERIS for the year 2125
geocentric

MAY 2125 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 51	10♉41'27	10♈24	0♉35	27♉32	27°R16	29°R 9	22♌59	5♌18	10°R29	27♉10	10°D52	11♏ 4	22♒56	24♈ 9	T 1
W 2	14 39 48	11°39'46	22°57	2°35	28°46	26♎54	29♏ 2	22°59	5°19	10♏28	27°11	10♏52	11° 1	23° 3	24°13	W 2
T 3	14 43 45	12°38'03	5♉45	4°36	29°59	26°34	28°55	23° 0	5°20	10°26	27°12	10°R52	10°58	23°10	24°16	T 3
F 4	14 47 41	13°36'19	18°49	6°39	1♊13	26°13	28°48	23° 1	5°21	10°24	27°14	10°52	10°54	23°16	24°20	F 4
S 5	14 51 38	14°34'33	2♊ 9	8°44	2°26	25°53	28°41	23° 2	5°22	10°23	27°15	10°52	10°51	23°23	24°23	S 5
S 6	14 55 34	15°32'45	15°43	10°49	3°40	25°34	28°34	23° 3	5°24	10°21	27°16	10°51	10°48	23°30	24°27	S 6
M 7	14 59 31	16°30'55	29°30	12°56	4°54	25°15	28°26	23° 5	5°25	10°20	27°18	10°51	10°45	23°37	24°30	M 7
T 8	15 3 27	17°29'04	13♋27	15° 4	6° 7	24°56	28°19	23° 6	5°26	10°18	27°19	10°50	10°42	23°43	24°34	T 8
W 9	15 7 24	18°27'10	27°32	17°13	7°21	24°39	28°12	23° 8	5°28	10°16	27°20	10°49	10°39	23°50	24°37	W 9
T 10	15 11 20	19°25'15	11♌43	19°23	8°34	24°21	28° 4	23° 9	5°29	10°15	27°22	10°49	10°35	23°57	24°40	T 10
F 11	15 15 17	20°23'17	25°56	21°33	9°47	24° 5	27°57	23°11	5°31	10°13	27°23	10°D49	10°32	24° 4	24°44	F 11
S 12	15 19 14	21°21'18	10♍10	23°44	11° 1	23°49	27°49	23°13	5°32	10°12	27°24	10°49	10°29	24°10	24°47	S 12
S 13	15 23 10	22°19'16	24°22	25°54	12°14	23°34	27°42	23°15	5°34	10°10	27°26	10°50	10°26	24°17	24°50	S 13
M14	15 27 7	23°17'13	8♎30	28° 5	13°27	23°19	27°34	23°17	5°35	10° 8	27°27	10°51	10°23	24°24	24°54	M14
T 15	15 31 3	24°15'08	22°30	0♊14	14°41	23° 6	27°26	23°19	5°37	10° 7	27°28	10°52	10°19	24°30	24°57	T 15
W16	15 35 0	25°13'02	6♏19	2°23	15°54	22°53	27°19	23°21	5°39	10° 5	27°30	10°R52	10°16	24°37	25° 0	W16
T 17	15 38 56	26°10'53	19°57	4°31	17° 7	22°41	27°11	23°23	5°40	10° 4	27°31	10°52	10°13	24°44	25° 3	T 17
F 18	15 42 53	27° 8'44	3♐19	6°38	18°20	22°29	27° 3	23°26	5°42	10° 2	27°32	10°51	10°10	24°51	25° 7	F 18
S 19	15 46 49	28° 6'33	16°24	8°43	19°34	22°19	26°56	23°28	5°44	10° 1	27°34	10°50	10° 7	24°57	25°10	S 19
S 20	15 50 46	29° 4'20	29°13	10°46	20°47	22° 9	26°48	23°31	5°46	9°59	27°35	10°47	10° 4	25° 4	25°13	S 20
M21	15 54 43	0♊ 2'07	11♑46	12°46	22° 0	22° 0	26°41	23°34	5°48	9°57	27°36	10°44	10° 0	25°11	25°16	M21
T 22	15 58 39	0°59'52	24° 4	14°45	23°13	21°51	26°33	23°36	5°50	9°56	27°38	10°41	9°57	25°17	25°19	T 22
W23	16 2 36	1°57'36	6♒11	16°41	24°26	21°44	26°25	23°39	5°52	9°54	27°39	10°39	9°54	25°24	25°22	W23
T 24	16 6 32	2°55'19	18° 8	18°35	25°39	21°37	26°18	23°42	5°54	9°53	27°41	10°37	9°51	25°31	25°25	T 24
F 25	16 10 29	3°53'00	0♓ 2	20°26	26°52	21°31	26°10	23°45	5°56	9°52	27°42	10°D36	9°48	25°38	25°28	F 25
S 26	16 14 25	4°50'41	11°55	22°14	28° 5	21°26	26° 3	23°49	5°58	9°50	27°43	10°36	9°44	25°44	25°31	S 26
S 27	16 18 22	5°48'21	23°54	23°59	29°18	21°22	25°55	23°52	6° 1	9°49	27°45	10°37	9°41	25°51	25°34	S 27
M28	16 22 18	6°45'59	6♈ 2	25°41	0♋31	21°18	25°48	23°55	6° 3	9°47	27°46	10°39	9°38	25°58	25°37	M28
T 29	16 26 15	7°43'37	18°24	27°21	1°44	21°16	25°40	23°59	6° 5	9°46	27°47	10°41	9°35	26° 4	25°40	T 29
W30	16 30 12	8°41'14	1♉ 4	28°57	2°56	21°14	25°33	24° 2	6° 7	9°44	27°49	10°42	9°32	26°11	25°43	W30
T 31	16 34 8	9♊38'50	14♉ 4	0♋30	4♋ 9	21♎13	25♏26	24♌ 6	6♌10	9♏43	27♉50	10°R42	9♏29	26♒18	25♈46	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 1	6n35	2n41	10n18	1s27	19n41	0n 6	9s18	1n16	18s51	1n 8	15n13	1n27	19n32	0n37	13s14	1n49	6n 2	13s49	15s 4	15s 8	9s 6	10n 9	0n51
W 2	15 19	10 26	1 38	11 7	1 19	20 0	0 8	9 13	1 13	18 49	1 8	15 12	1 27	19 32	0 37	13 13	1 49	6 2	13 49	15 4	15 7	9 4	10 10	0 50
T 3	15 37	13 52	0 28	11 57	1 10	20 19	0 11	9 8	1 11	18 48	1 8	15 12	1 27	19 31	0 37	13 13	1 49	6 3	13 49	15 4	15 6	9 2	10 11	0 50
F 4	15 55	16 42	0s44	12 46	1 1	20 36	0 13	9 3	1 8	18 46	1 8	15 12	1 26	19 31	0 37	13 12	1 49	6 3	13 49	15 4	15 5	9 0	10 12	0 50
S 5	16 12	18 41	1 55	13 35	0 52	20 54	0 16	8 58	1 6	18 45	1 8	15 11	1 26	19 31	0 37	13 12	1 49	6 3	13 49	15 4	15 4	8 58	10 14	0 50
S 6	16 29	19 39	3 1	14 24	0 42	21 10	0 19	8 54	1 3	18 43	1 8	15 11	1 26	19 30	0 37	13 11	1 49	6 4	13 49	15 4	15 3	8 56	10 15	0 50
M 7	16 46	19 27	3 58	15 12	0 32	21 26	0 21	8 49	1 0	18 41	1 8	15 10	1 26	19 30	0 37	13 11	1 49	6 4	13 49	15 4	15 2	8 54	10 16	0 50
T 8	17 2	18 4	4 41	16 0	0 22	21 42	0 24	8 45	0 58	18 40	1 8	15 10	1 26	19 30	0 37	13 10	1 49	6 5	13 49	15 4	15 1	8 52	10 17	0 50
W 9	17 18	15 36	5 8	16 47	0 11	21 57	0 26	8 41	0 55	18 38	1 8	15 9	1 26	19 29	0 37	13 10	1 49	6 5	13 49	15 4	15 0	8 50	10 18	0 50
T 10	17 34	12 11	5 17	17 33	0 1	22 11	0 29	8 37	0 53	18 37	1 8	15 9	1 26	19 29	0 37	13 9	1 49	6 5	13 48	15 3	14 59	8 48	10 20	0 50
F 11	17 50	8 4	5 6	18 18	0n10	22 25	0 31	8 34	0 50	18 35	1 8	15 8	1 26	19 29	0 37	13 9	1 49	6 6	13 48	15 3	14 58	8 46	10 21	0 50
S 12	18 5	3 29	4 36	19 1	0 20	22 38	0 34	8 30	0 47	18 33	1 8	15 7	1 26	19 28	0 37	13 8	1 49	6 6	13 48	15 4	14 57	8 44	10 22	0 50
S 13	18 20	1s17	3 50	19 43	0 31	22 51	0 36	8 27	0 45	18 32	1 8	15 7	1 26	19 28	0 37	13 8	1 49	6 6	13 48	15 4	14 56	8 42	10 23	0 50
M14	18 35	5 58	2 50	20 23	0 41	23 2	0 39	8 24	0 42	18 30	1 8	15 6	1 26	19 27	0 37	13 7	1 49	6 7	13 48	15 4	14 55	8 40	10 24	0 50
T 15	18 49	10 18	1 40	21 1	0 51	23 13	0 41	8 22	0 39	18 29	1 8	15 5	1 26	19 27	0 37	13 7	1 49	6 7	13 48	15 4	14 54	8 38	10 26	0 50
W16	19 3	14 1	0 25	21 37	1 1	23 24	0 44	8 19	0 37	18 27	1 8	15 4	1 26	19 27	0 37	13 6	1 49	6 7	13 48	15 5	14 53	8 36	10 27	0 50
T 17	19 17	16 55	0n50	22 10	1 10	23 34	0 46	8 17	0 34	18 25	1 7	15 3	1 25	19 26	0 37	13 6	1 49	6 8	13 48	15 5	14 52	8 34	10 28	0 50
F 18	19 30	18 49	2 1	22 42	1 19	23 43	0 49	8 15	0 32	18 24	1 7	15 3	1 25	19 26	0 37	13 5	1 49	6 8	13 48	15 4	14 51	8 32	10 29	0 50
S 19	19 43	19 41	3 4	23 10	1 27	23 51	0 51	8 14	0 29	18 22	1 7	15 2	1 25	19 25	0 37	13 5	1 49	6 8	13 48	15 4	14 50	8 30	10 30	0 50
S 20	19 56	19 29	3 56	23 37	1 35	23 59	0 53	8 12	0 27	18 20	1 7	15 1	1 25	19 25	0 37	13 5	1 49	6 8	13 48	15 3	14 49	8 28	10 31	0 50
M21	20 9	18 19	4 36	24 0	1 42	24 6	0 56	8 11	0 24	18 19	1 7	15 0	1 25	19 24	0 37	13 4	1 49	6 9	13 48	15 2	14 48	8 26	10 32	0 50
T 22	20 21	16 20	5 2	24 21	1 49	24 13	0 58	8 10	0 22	18 17	1 7	14 59	1 25	19 24	0 37	13 4	1 49	6 9	13 48	15 1	14 47	8 24	10 33	0 49
W23	20 32	13 39	5 14	24 39	1 55	24 18	1 0	8 10	0 19	18 15	1 7	14 58	1 25	19 23	0 37	13 3	1 49	6 9	13 48	15 0	14 46	8 22	10 34	0 49
T 24	20 44	10 26	5 12	24 55	2 0	24 23	1 2	8 10	0 17	18 14	1 7	14 57	1 25	19 23	0 37	13 3	1 49	6 10	13 48	15 0	14 45	8 20	10 36	0 49
F 25	20 55	6 49	4 57	25 8	2 4	24 28	1 5	8 10	0 14	18 12	1 7	14 56	1 25	19 22	0 37	13 2	1 49	6 10	13 48	15 0	14 44	8 18	10 37	0 49
S 26	21 5	2 56	4 29	25 19	2 7	24 31	1 7	8 10	0 12	18 10	1 7	14 54	1 25	19 21	0 37	13 2	1 49	6 10	13 48	15 0	14 43	8 16	10 38	0 49
S 27	21 15	1n 5	3 49	25 27	2 10	24 34	1 9	8 11	0 10	18 9	1 6	14 53	1 25	19 21	0 37	13 1	1 49	6 11	13 48	15 0	14 42	8 14	10 39	0 49
M28	21 25	5 8	2 59	25 33	2 12	24 36	1 11	8 11	0 7	18 7	1 6	14 52	1 25	19 20	0 37	13 1	1 49	6 11	13 48	15 0	14 41	8 12	10 40	0 49
T 29	21 35	9 3	1 59	25 37	2 13	24 38	1 13	8 13	0 5	18 6	1 6	14 51	1 25	19 20	0 37	13 1	1 49	6 11	13 48	15 1	14 40	8 10	10 41	0 49
W30	21 44	12 39	0 53	25 38	2 13	24 38	1 15	8 14	0 3	18 4	1 6	14 50	1 25	19 19	0 37	13 0	1 49	6 11	13 48	15 1	14 39	8 8	10 42	0 49
T 31	21n53	15n45	0s18	25n38	2n13	24n38	1n17	8s16	0n 1	18s 2	1n 6	14n48	1n24	19n19	0n37	13s 0	1n49	6n12	13s48	15s 1	14s38	8s 6	10n43	0n49

Julian Day Number = 2497320.5, Delta T = 106.25 sec
Ecliptic obliquity = 23°25'16, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°29'29, Lahiri = 25°36'30

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ASTRODIENST EPHEMERIS for the year 2125
geocentric

JUNE 2125 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 38 5	10♊36'25	27♉25	2♋ 1	5♋22	21°D12	25°R19	24♌10	6♌12	9°R42	27♉51	10°R41	9♏25	26♒25	25♈49	F 1
S 2	16 42 1	11°33'59	11♊ 7	3°28	6°35	21♎13	25♏12	24°13	6°15	9♏40	27°53	10♏39	9°22	26°31	25°51	S 2
S 3	16 45 58	12°31'31	25° 8	4°51	7°48	21°14	25° 5	24°17	6°17	9°39	27°54	10°35	9°19	26°38	25°54	S 3
M 4	16 49 54	13°29'03	9♋22	6°12	9° 0	21°16	24°58	24°21	6°20	9°38	27°55	10°30	9°16	26°45	25°57	M 4
T 5	16 53 51	14°26'34	23°46	7°30	10°13	21°19	24°51	24°25	6°22	9°36	27°57	10°25	9°13	26°51	26° 0	T 5
W 6	16 57 47	15°24'03	8♌14	8°44	11°26	21°23	24°44	24°30	6°25	9°35	27°58	10°21	9°10	26°58	26° 2	W 6
T 7	17 1 44	16°21'31	22°40	9°55	12°38	21°27	24°37	24°34	6°28	9°34	27°59	10°17	9° 6	27° 5	26° 5	T 7
F 8	17 5 41	17°18'58	6♍59	11° 2	13°51	21°32	24°31	24°38	6°30	9°33	28° 0	10°15	9° 3	27°12	26° 7	F 8
S 9	17 9 37	18°16'23	21°10	12° 6	15° 3	21°38	24°24	24°43	6°33	9°32	28° 2	10°D15	9° 0	27°18	26°10	S 9
S 10	17 13 34	19°13'48	5♎ 9	13° 6	16°16	21°45	24°18	24°47	6°36	9°30	28° 3	10°16	8°57	27°25	26°12	S 10
M11	17 17 30	20°11'11	18°57	14° 3	17°28	21°52	24°12	24°52	6°38	9°29	28° 4	10°17	8°54	27°32	26°15	M11
T 12	17 21 27	21° 8'33	2♏33	14°56	18°40	22° 0	24° 5	24°56	6°41	9°28	28° 5	10°18	8°50	27°38	26°17	T 12
W13	17 25 23	22° 5'54	15°58	15°45	19°53	22° 8	23°59	25° 1	6°44	9°27	28° 7	10°R18	8°47	27°45	26°20	W13
T 14	17 29 20	23° 3'15	29°10	16°31	21° 5	22°18	23°53	25° 6	6°47	9°26	28° 8	10°17	8°44	27°52	26°22	T 14
F 15	17 33 16	24° 0'34	12♐11	17°12	22°17	22°28	23°48	25°11	6°50	9°25	28° 9	10°13	8°41	27°59	26°24	F 15
S 16	17 37 13	24°57'53	24°59	17°50	23°30	22°38	23°42	25°16	6°53	9°24	28°10	10° 8	8°38	28° 5	26°26	S 16
S 17	17 41 10	25°55'11	7♑35	18°23	24°42	22°49	23°36	25°21	6°56	9°23	28°12	10° 0	8°35	28°12	26°29	S 17
M18	17 45 6	26°52'29	19°59	18°52	25°54	23° 1	23°31	25°26	6°59	9°22	28°13	9°52	8°31	28°19	26°31	M18
T 19	17 49 3	27°49'46	2♒12	19°16	27° 6	23°14	23°26	25°31	7° 2	9°21	28°14	9°44	8°28	28°25	26°33	T 19
W20	17 52 59	28°47'02	14°15	19°37	28°18	23°27	23°21	25°36	7° 5	9°20	28°15	9°36	8°25	28°32	26°35	W20
T 21	17 56 56	29°44'18	26°11	19°52	29°30	23°40	23°16	25°41	7° 8	9°19	28°17	9°29	8°22	28°39	26°37	T 21
F 22	18 0 52	0♋41'34	8♓ 3	20° 4	0♌42	23°55	23°11	25°47	7°11	9°18	28°18	9°25	8°19	28°46	26°39	F 22
S 23	18 4 49	1°38'50	19°55	20°10	1°54	24°10	23° 6	25°52	7°14	9°17	28°19	9°22	8°16	28°52	26°41	S 23
S 24	18 8 45	2°36'05	1♈52	20°R12	3° 6	24°25	23° 2	25°58	7°18	9°16	28°20	9°D21	8°12	28°59	26°43	S 24
M25	18 12 42	3°33'20	13°59	20°10	4°18	24°41	22°57	26° 3	7°21	9°16	28°21	9°21	8° 9	29° 6	26°45	M25
T 26	18 16 39	4°30'35	26°20	20° 3	5°30	24°57	22°53	26° 9	7°24	9°15	28°22	9°22	8° 6	29°12	26°47	T 26
W27	18 20 35	5°27'50	9♉ 1	19°52	6°42	25°14	22°49	26°15	7°27	9°14	28°23	9°R23	8° 3	29°19	26°48	W27
T 28	18 24 32	6°25'05	22° 6	19°36	7°53	25°32	22°45	26°20	7°30	9°13	28°25	9°22	8° 0	29°26	26°50	T 28
F 29	18 28 28	7°22'20	5♊36	19°17	9° 5	25°50	22°42	26°26	7°34	9°13	28°26	9°19	7°56	29°33	26°52	F 29
S 30	18 32 25	8♋19'35	19♊33	18♋53	10♌17	26♎ 8	22♏38	26♌32	7♌37	9♏12	28♉27	9♏14	7♏53	29♒39	26♈53	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 1	18n 6	1s30	25n36	2n12	24n37	1n19	8s17	0s 2	18s 1	1n 6	14n47	1n24	19n18	0n37	12s59	1n49	6n12	13s48	15s 1	14s37	8s 4	10n44	0n49
S 2	22 9	19 28	2 39	25 32	2 9	24 36	1 21	8 20	0 4	17 59	1 6	14 46	1 24	19 17	0 37	12 59	1 49	6 12	13 48	15 0	14 36	8 2	10 45	0 49
S 3	22 17	19 41	3 39	25 26	2 6	24 34	1 22	8 22	0 6	17 58	1 5	14 44	1 24	19 17	0 37	12 59	1 48	6 12	13 48	14 59	14 35	8 0	10 46	0 49
M 4	22 24	18 39	4 27	25 19	2 3	24 31	1 24	8 25	0 8	17 56	1 5	14 43	1 24	19 16	0 37	12 58	1 48	6 12	13 48	14 58	14 34	7 58	10 47	0 49
T 5	22 31	16 26	4 58	25 10	1 58	24 27	1 26	8 28	0 10	17 55	1 5	14 42	1 24	19 15	0 37	12 58	1 48	6 13	13 48	14 56	14 33	7 56	10 48	0 49
W 6	22 37	13 11	5 11	25 0	1 53	24 23	1 28	8 31	0 12	17 53	1 5	14 40	1 24	19 15	0 36	12 58	1 48	6 13	13 48	14 55	14 32	7 54	10 48	0 49
T 7	22 43	9 9	5 4	24 49	1 47	24 18	1 29	8 35	0 14	17 52	1 5	14 39	1 24	19 14	0 36	12 57	1 48	6 13	13 48	14 54	14 31	7 52	10 49	0 49
F 8	22 49	4 38	4 38	24 37	1 40	24 12	1 31	8 38	0 16	17 50	1 5	14 37	1 24	19 13	0 36	12 57	1 48	6 13	13 48	14 53	14 30	7 50	10 50	0 49
S 9	22 54	0s 6	3 56	24 24	1 32	24 6	1 32	8 42	0 18	17 49	1 4	14 36	1 24	19 13	0 36	12 56	1 48	6 14	13 48	14 53	14 29	7 48	10 51	0 49
S 10	22 59	4 47	2 59	24 10	1 23	23 59	1 34	8 46	0 20	17 48	1 4	14 34	1 24	19 12	0 36	12 56	1 48	6 14	13 49	14 53	14 28	7 46	10 52	0 49
M11	23 3	9 10	1 53	23 55	1 14	23 51	1 35	8 51	0 22	17 46	1 4	14 32	1 24	19 11	0 36	12 56	1 48	6 14	13 49	14 54	14 27	7 44	10 53	0 49
T 12	23 8	13 0	0 42	23 39	1 4	23 43	1 36	8 56	0 24	17 45	1 4	14 31	1 24	19 10	0 36	12 55	1 48	6 14	13 49	14 54	14 26	7 42	10 54	0 49
W13	23 11	16 7	0n31	23 23	0 54	23 33	1 38	9 0	0 25	17 44	1 4	14 29	1 24	19 10	0 36	12 55	1 48	6 14	13 49	14 54	14 25	7 40	10 55	0 49
T 14	23 14	18 19	1 40	23 6	0 42	23 24	1 39	9 6	0 27	17 42	1 3	14 28	1 24	19 9	0 36	12 55	1 48	6 14	13 49	14 53	14 24	7 38	10 55	0 49
F 15	23 17	19 32	2 44	22 49	0 30	23 13	1 40	9 11	0 29	17 41	1 3	14 26	1 24	19 8	0 36	12 55	1 48	6 15	13 49	14 52	14 23	7 36	10 56	0 49
S 16	23 20	19 42	3 38	22 31	0 17	23 2	1 41	9 16	0 31	17 40	1 3	14 24	1 24	19 7	0 36	12 54	1 48	6 15	13 49	14 51	14 22	7 34	10 57	0 49
S 17	23 21	18 53	4 20	22 14	0 4	22 50	1 42	9 22	0 32	17 39	1 3	14 22	1 23	19 7	0 36	12 54	1 48	6 15	13 49	14 48	14 21	7 32	10 58	0 48
M18	23 23	17 10	4 49	21 56	0s10	22 38	1 43	9 28	0 34	17 38	1 3	14 21	1 23	19 6	0 36	12 54	1 48	6 15	13 49	14 46	14 20	7 30	10 58	0 48
T 19	23 24	14 43	5 4	21 38	0 24	22 25	1 43	9 34	0 36	17 37	1 2	14 19	1 23	19 5	0 36	12 54	1 48	6 15	13 49	14 43	14 19	7 28	10 59	0 48
W20	23 25	11 39	5 6	21 21	0 39	22 11	1 44	9 41	0 37	17 36	1 2	14 17	1 23	19 4	0 36	12 53	1 48	6 15	13 49	14 41	14 18	7 26	11 0	0 48
T 21	23 25	8 10	4 54	21 3	0 55	21 57	1 45	9 47	0 39	17 34	1 2	14 15	1 23	19 4	0 36	12 53	1 48	6 15	13 50	14 38	14 17	7 24	11 1	0 48
F 22	23 25	4 22	4 30	20 46	1 10	21 42	1 46	9 54	0 40	17 34	1 2	14 13	1 23	19 3	0 36	12 53	1 48	6 16	13 50	14 37	14 16	7 22	11 1	0 48
S 23	23 25	0 24	3 54	20 29	1 26	21 27	1 46	10 1	0 42	17 33	1 2	14 11	1 23	19 2	0 36	12 53	1 48	6 16	13 50	14 36	14 15	7 20	11 2	0 48
S 24	23 24	3n37	3 7	20 13	1 43	21 11	1 46	10 8	0 43	17 32	1 1	14 10	1 23	19 1	0 36	12 52	1 48	6 16	13 50	14 36	14 14	7 18	11 3	0 48
M25	23 22	7 32	2 12	19 57	1 59	20 54	1 47	10 15	0 45	17 31	1 1	14 8	1 23	19 0	0 36	12 52	1 48	6 16	13 50	14 36	14 13	7 16	11 3	0 48
T 26	23 21	11 14	1 9	19 42	2 15	20 37	1 47	10 22	0 46	17 30	1 1	14 6	1 23	18 59	0 36	12 52	1 48	6 16	13 50	14 36	14 12	7 14	11 4	0 48
W27	23 18	14 31	0 2	19 27	2 32	20 19	1 47	10 30	0 48	17 29	1 1	14 4	1 23	18 59	0 36	12 52	1 47	6 16	13 50	14 36	14 11	7 12	11 4	0 48
T 28	23 16	17 11	1s 8	19 13	2 48	20 1	1 47	10 37	0 49	17 28	1 0	14 2	1 23	18 58	0 36	12 52	1 47	6 16	13 50	14 36	14 10	7 10	11 5	0 48
F 29	23 13	19 0	2 16	19 1	3 3	19 42	1 47	10 45	0 50	17 28	1 0	14 0	1 23	18 57	0 36	12 51	1 47	6 16	13 51	14 35	14 9	7 8	11 6	0 48
S 30	23n10	19n44	3s17	18n49	3s18	19n23	1n47	10s53	0s52	17s27	1n 0	13n58	1n23	18n56	0n36	12s51	1n47	6n16	13s51	14s34	14s 8	7s 6	11n 6	0n48

Julian Day Number = 2497351.5, Delta T = 106.30 sec
Ecliptic obliquity = 23°25'15, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°29'34, Lahiri = 25°36'34

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ASTRODIENST EPHEMERIS for the year 2125
geocentric

JULY 2125 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 21	9♋16'50	3♋53	18°R27	11♌28	26♎27	22°R35	26♌38	7♌40	9°R11	28♉28	9°R 7	7♏50	29♒46	26♈55	S 1
M 2	18 40 18	10°14'05	18°32	17♋57	12°40	26°47	22♏31	26°44	7°44	9♏11	28°29	8♏58	7°47	29°53	26°57	M 2
T 3	18 44 14	11°11'19	3♌22	17°25	13°51	27° 7	22°28	26°50	7°47	9°10	28°30	8°49	7°44	29°59	26°58	T 3
W 4	18 48 11	12° 8'33	18°15	16°51	15° 3	27°27	22°25	26°56	7°51	9°10	28°31	8°40	7°41	0♓ 6	26°59	W 4
T 5	18 52 8	13° 5'47	3♍ 1	16°15	16°14	27°48	22°23	27° 2	7°54	9° 9	28°32	8°33	7°37	0°13	27° 1	T 5
F 6	18 56 4	14° 3'00	17°36	15°39	17°26	28°10	22°20	27° 9	7°57	9° 9	28°33	8°29	7°34	0°20	27° 2	F 6
S 7	19 0 1	15° 0'13	1♎53	15° 2	18°37	28°31	22°18	27°15	8° 1	9° 8	28°34	8°26	7°31	0°26	27° 3	S 7
S 8	19 3 57	15°57'26	15°51	14°25	19°48	28°54	22°16	27°21	8° 4	9° 8	28°35	8°D25	7°28	0°33	27° 5	S 8
M 9	19 7 54	16°54'38	29°31	13°49	20°59	29°16	22°14	27°28	8° 8	9° 7	28°36	8°26	7°25	0°40	27° 6	M 9
T 10	19 11 50	17°51'51	12♏53	13°15	22°10	29°39	22°12	27°34	8°11	9° 7	28°37	8°R26	7°22	0°46	27° 7	T 10
W11	19 15 47	18°49'03	25°59	12°44	23°22	0♏ 3	22°10	27°40	8°15	9° 7	28°38	8°25	7°18	0°53	27° 8	W11
T 12	19 19 43	19°46'15	8♐52	12°15	24°33	0°27	22° 9	27°47	8°19	9° 6	28°39	8°21	7°15	1° 0	27° 9	T 12
F 13	19 23 40	20°43'27	21°33	11°49	25°43	0°51	22° 8	27°54	8°22	9° 6	28°40	8°15	7°12	1° 7	27°10	F 13
S 14	19 27 37	21°40'39	4♑ 4	11°27	26°54	1°16	22° 7	28° 0	8°26	9° 6	28°41	8° 6	7° 9	1°13	27°11	S 14
S 15	19 31 33	22°37'51	16°26	11° 9	28° 5	1°41	22° 6	28° 7	8°29	9° 6	28°41	7°55	7° 6	1°20	27°12	S 15
M16	19 35 30	23°35'04	28°38	10°56	29°16	2° 6	22° 5	28°14	8°33	9° 6	28°42	7°42	7° 2	1°27	27°13	M16
T 17	19 39 26	24°32'17	10♒43	10°47	0♍27	2°32	22° 4	28°20	8°36	9° 5	28°43	7°29	6°59	1°33	27°14	T 17
W18	19 43 23	25°29'30	22°41	10°D44	1°37	2°58	22° 4	28°27	8°40	9° 5	28°44	7°17	6°56	1°40	27°14	W18
T 19	19 47 19	26°26'43	4♓34	10°46	2°48	3°24	22° 4	28°34	8°44	9° 5	28°45	7° 6	6°53	1°47	27°15	T 19
F 20	19 51 16	27°23'57	16°24	10°53	3°58	3°51	22°D 4	28°41	8°47	9° 5	28°45	6°58	6°50	1°54	27°16	F 20
S 21	19 55 12	28°21'12	28°15	11° 6	5° 9	4°18	22° 4	28°48	8°51	9°D 5	28°46	6°52	6°47	2° 0	27°16	S 21
S 22	19 59 9	29°18'27	10♈11	11°25	6°19	4°46	22° 4	28°55	8°55	9° 5	28°47	6°49	6°43	2° 7	27°17	S 22
M23	20 3 6	0♌15'43	22°16	11°49	7°29	5°14	22° 5	29° 2	8°58	9° 5	28°48	6°48	6°40	2°14	27°17	M23
T 24	20 7 2	1°13'00	4♉35	12°19	8°40	5°42	22° 6	29° 9	9° 2	9° 5	28°48	6°48	6°37	2°20	27°17	T 24
W25	20 10 59	2°10'18	17°13	12°55	9°50	6°10	22° 7	29°16	9° 6	9° 5	28°49	6°48	6°34	2°27	27°18	W25
T 26	20 14 55	3° 7'36	0♊16	13°36	11° 0	6°39	22° 8	29°23	9° 9	9° 6	28°50	6°46	6°31	2°34	27°18	T 26
F 27	20 18 52	4° 4'56	13°46	14°23	12°10	7° 8	22° 9	29°30	9°13	9° 6	28°51	6°43	6°28	2°41	27°18	F 27
S 28	20 22 48	5° 2'16	27°46	15°15	13°20	7°37	22°10	29°37	9°17	9° 6	28°51	6°37	6°24	2°47	27°19	S 28
S 29	20 26 45	5°59'38	12♋14	16°13	14°30	8° 7	22°12	29°44	9°20	9° 6	28°52	6°29	6°21	2°54	27°19	S 29
M30	20 30 42	6°57'00	27° 5	17°16	15°40	8°37	22°14	29°51	9°24	9° 6	28°52	6°18	6°18	3° 1	27°19	M30
T 31	20 34 38	7♌54'23	12♌12	18♋25	16♍49	9♏ 7	22♏16	29♌59	9♌28	9♏ 7	28♉53	6♏ 7	6♏15	3♓ 7	27°R19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23n 6	19n13	4s 9	18n38	3s33	19n 3	1n47	11s 1	0s53	17s26	1n 0	13n56	1n23	18n55	0n36	12s51	1n47	6n16	13s51	14s31	14s 7	7s 4	11n 7	0n48	
M 2	23 2	17 26	4 45	18 28	3 47	18 42	1 47	11 10	0 54	17 26	0 59	13 54	1 23	18 54	0 36	12 51	1 47	6 17	13 51	14 29	14 6	7 2	11 7	0 48	
T 3	22 57	14 29	5 2	18 20	3 59	18 22	1 47	11 18	0 56	17 25	0 59	13 51	1 23	18 53	0 36	12 51	1 47	6 17	13 51	14 26	14 5	7 0	11 8	0 48	
W 4	22 52	10 36	4 59	18 13	4 11	18 0	1 46	11 27	0 57	17 25	0 59	13 49	1 23	18 52	0 36	12 51	1 47	6 17	13 51	14 23	14 4	6 58	11 8	0 48	
T 5	22 47	6 5	4 37	18 7	4 21	17 39	1 46	11 35	0 58	17 24	0 59	13 47	1 23	18 52	0 36	12 51	1 47	6 17	13 52	14 21	14 3	6 56	11 9	0 48	
F 6	22 41	1 16	3 56	18 2	4 30	17 16	1 45	11 44	0 59	17 24	0 58	13 45	1 23	18 51	0 36	12 50	1 47	6 17	13 52	14 19	14 2	6 54	11 9	0 48	
S 7	22 35	3s31	3 2	17 58	4 38	16 54	1 45	11 53	1 0	17 24	0 58	13 43	1 23	18 50	0 36	12 50	1 47	6 17	13 52	14 18	14 1	6 52	11 10	0 48	
S 8	22 28	8 2	1 57	17 56	4 44	16 31	1 44	12 2	1 2	17 23	0 58	13 41	1 23	18 49	0 36	12 50	1 47	6 17	13 52	14 18	13 59	6 50	11 10	0 48	
M 9	22 21	12 2	0 47	17 55	4 48	16 7	1 43	12 11	1 3	17 23	0 58	13 38	1 23	18 48	0 36	12 50	1 47	6 17	13 52	14 18	13 58	6 48	11 10	0 48	
T 10	22 14	15 19	0n24	17 56	4 51	15 43	1 42	12 20	1 4	17 23	0 57	13 36	1 23	18 47	0 36	12 50	1 47	6 17	13 52	14 18	13 57	6 46	11 11	0 48	
W11	22 6	17 45	1 32	17 58	4 52	15 19	1 41	12 30	1 5	17 23	0 57	13 34	1 23	18 46	0 36	12 50	1 47	6 17	13 53	14 18	13 56	6 44	11 11	0 48	
T 12	21 58	19 13	2 34	18 1	4 52	14 55	1 40	12 39	1 6	17 22	0 57	13 32	1 23	18 45	0 36	12 50	1 47	6 17	13 53	14 17	13 55	6 42	11 12	0 48	
F 13	21 49	19 42	3 27	18 5	4 50	14 30	1 39	12 48	1 7	17 22	0 57	13 29	1 23	18 44	0 36	12 50	1 47	6 17	13 53	14 15	13 54	6 40	11 12	0 48	
S 14	21 41	19 12	4 10	18 10	4 47	14 4	1 38	12 58	1 8	17 22	0 56	13 27	1 23	18 43	0 36	12 50	1 47	6 17	13 53	14 12	13 53	6 38	11 12	0 48	
S 15	21 31	17 47	4 40	18 16	4 42	13 39	1 37	13 8	1 9	17 22	0 56	13 25	1 23	18 42	0 36	12 50	1 46	6 17	13 53	14 8	13 52	6 36	11 13	0 48	
M16	21 22	15 34	4 57	18 24	4 36	13 12	1 35	13 17	1 10	17 22	0 56	13 22	1 23	18 41	0 36	12 50	1 46	6 17	13 54	14 4	13 51	6 34	11 13	0 48	
T 17	21 12	12 43	5 0	18 32	4 28	12 46	1 34	13 27	1 11	17 22	0 56	13 20	1 23	18 41	0 36	12 50	1 46	6 17	13 54	14 0	13 50	6 32	11 13	0 48	
W18	21 2	9 22	4 50	18 41	4 19	12 20	1 32	13 37	1 12	17 23	0 55	13 18	1 23	18 40	0 36	12 50	1 46	6 17	13 54	13 56	13 49	6 30	11 13	0 48	
T 19	20 51	5 41	4 27	18 50	4 9	11 53	1 31	13 47	1 13	17 23	0 55	13 15	1 23	18 39	0 36	12 50	1 46	6 17	13 54	13 52	13 48	6 28	11 13	0 48	
F 20	20 40	1 47	3 53	19 1	3 59	11 25	1 29	13 57	1 14	17 23	0 55	13 13	1 23	18 38	0 36	12 50	1 46	6 17	13 54	13 50	13 47	6 26	11 14	0 47	
S 21	20 29	2n12	3 9	19 11	3 47	10 58	1 27	14 7	1 15	17 23	0 55	13 10	1 23	18 37	0 36	12 50	1 46	6 16	13 55	13 48	13 46	6 24	11 14	0 47	
S 22	20 17	6 7	2 16	19 22	3 35	10 30	1 25	14 17	1 16	17 24	0 55	13 8	1 23	18 36	0 36	12 50	1 46	6 16	13 55	13 47	13 45	6 22	11 14	0 47	
M23	20 5	9 50	1 16	19 33	3 22	10 2	1 23	14 27	1 16	17 24	0 54	13 6	1 23	18 35	0 36	12 50	1 46	6 16	13 55	13 46	13 44	6 20	11 14	0 47	
T 24	19 52	13 13	0 12	19 44	3 8	9 34	1 21	14 37	1 17	17 24	0 54	13 3	1 23	18 34	0 36	12 50	1 46	6 16	13 55	13 46	13 43	6 18	11 14	0 47	
W25	19 40	16 5	0s55	19 54	2 54	9 5	1 19	14 48	1 18	17 25	0 54	13 1	1 23	18 33	0 36	12 50	1 46	6 16	13 56	13 46	13 42	6 16	11 14	0 47	
T 26	19 27	18 13	2 1	20 5	2 40	8 37	1 16	14 58	1 19	17 25	0 54	12 58	1 23	18 32	0 36	12 51	1 46	6 16	13 56	13 46	13 41	6 14	11 14	0 47	
F 27	19 13	19 25	3 2	20 14	2 25	8 8	1 14	15 8	1 20	17 26	0 53	12 56	1 23	18 31	0 36	12 51	1 46	6 16	13 56	13 45	13 40	6 12	11 15	0 47	
S 28	19 0	19 29	3 55	20 24	2 10	7 39	1 11	15 19	1 20	17 27	0 53	12 53	1 23	18 30	0 36	12 51	1 46	6 16	13 56	13 43	13 39	6 10	11 15	0 47	
S 29	18 46	18 18	4 34	20 32	1 55	7 10	1 9	15 29	1 21	17 27	0 53	12 51	1 23	18 29	0 36	12 51	1 46	6 16	13 57	13 40	13 38	6 8	11 15	0 47	
M30	18 31	15 52	4 57	20 39	1 40	6 40	1 6	15 39	1 22	17 28	0 53	12 48	1 23	18 28	0 36	12 51	1 46	6 16	13 57	13 37	13 37	6 6	11 15	0 47	
T 31	18n17	12n20	4s59	20n45	1s25	6n10	1n 4	15s50	1s23	17s29	0n52	12n46	1n23	18n27	0n36	12s51	1n46	6n16	13s57	13s33	13s36	6s 4	11n15	0n47	

Julian Day Number = 2497381.5, Delta T = 106.35 sec
Ecliptic obliquity = 23°25'15, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°29'38, Lahiri = 25°36'38

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ASTRODIENST EPHEMERIS for the year 2125
geocentric

AUGUST 2125 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 38 35	8♌51'46	27♌24	19♋39	17♍59	9♏37	22♏18	0♍ 6	9♌32	9♏ 7	28♉54	5°R57	6♏12	3♓14	27°R19	W 1
T 2	20 42 31	9°49'10	12♍30	20°58	19° 8	10° 8	22°20	0°13	9°35	9° 7	28°54	5♏48	6° 8	3°21	27♈19	T 2
F 3	20 46 28	10°46'35	27°22	22°21	20°18	10°39	22°23	0°21	9°39	9° 8	28°55	5°42	6° 5	3°28	27°19	F 3
S 4	20 50 24	11°44'00	11♎52	23°50	21°27	11°10	22°25	0°28	9°43	9° 8	28°55	5°38	6° 2	3°34	27°18	S 4
S 5	20 54 21	12°41'26	25°58	25°22	22°37	11°42	22°28	0°35	9°46	9° 9	28°56	5°37	5°59	3°41	27°18	S 5
M 6	20 58 17	13°38'53	9♏39	27° 0	23°46	12°14	22°31	0°43	9°50	9° 9	28°56	5°37	5°56	3°48	27°18	M 6
T 7	21 2 14	14°36'20	22°58	28°41	24°55	12°46	22°35	0°50	9°54	9°10	28°57	5°37	5°53	3°54	27°18	T 7
W 8	21 6 10	15°33'48	5♐56	0♌26	26° 4	13°18	22°38	0°58	9°57	9°10	28°57	5°35	5°49	4° 1	27°17	W 8
T 9	21 10 7	16°31'17	18°38	2°14	27°13	13°51	22°41	1° 5	10° 1	9°11	28°58	5°32	5°46	4° 8	27°17	T 9
F 10	21 14 4	17°28'46	1♑ 7	4° 5	28°22	14°24	22°45	1°12	10° 5	9°12	28°58	5°26	5°43	4°14	27°16	F 10
S 11	21 18 0	18°26'17	13°24	5°59	29°30	14°57	22°49	1°20	10° 8	9°12	28°58	5°17	5°40	4°21	27°16	S 11
S 12	21 21 57	19°23'48	25°34	7°55	0♎39	15°30	22°53	1°27	10°12	9°13	28°59	5° 6	5°37	4°28	27°15	S 12
M13	21 25 53	20°21'20	7♒36	9°53	1°47	16° 3	22°57	1°35	10°16	9°14	28°59	4°53	5°34	4°35	27°14	M13
T 14	21 29 50	21°18'53	19°34	11°53	2°56	16°37	23° 2	1°43	10°19	9°14	28°59	4°40	5°30	4°41	27°14	T 14
W15	21 33 46	22°16'28	1♓27	13°54	4° 4	17°11	23° 6	1°50	10°23	9°15	29° 0	4°27	5°27	4°48	27°13	W15
T 16	21 37 43	23°14'03	13°18	15°55	5°12	17°45	23°11	1°58	10°27	9°16	29° 0	4°17	5°24	4°55	27°12	T 16
F 17	21 41 39	24°11'40	25° 9	17°57	6°20	18°19	23°16	2° 5	10°30	9°17	29° 0	4° 8	5°21	5° 1	27°11	F 17
S 18	21 45 36	25° 9'18	7♈ 1	20° 0	7°28	18°54	23°21	2°13	10°34	9°18	29° 0	4° 2	5°18	5° 8	27°10	S 18
S 19	21 49 33	26° 6'58	18°58	22° 2	8°36	19°29	23°26	2°20	10°38	9°19	29° 1	3°59	5°14	5°15	27° 9	S 19
M20	21 53 29	27° 4'39	1♉ 4	24° 4	9°43	20° 4	23°31	2°28	10°41	9°20	29° 1	3°D58	5°11	5°21	27° 8	M20
T 21	21 57 26	28° 2'22	13°22	26° 6	10°51	20°39	23°37	2°36	10°45	9°21	29° 1	3°58	5° 8	5°28	27° 7	T 21
W22	22 1 22	29° 0'06	25°59	28° 6	11°58	21°14	23°42	2°43	10°48	9°22	29° 1	3°R59	5° 5	5°35	27° 6	W22
T 23	22 5 19	29°57'52	8♊57	0♍ 6	13° 6	21°50	23°48	2°51	10°52	9°23	29° 1	3°58	5° 2	5°42	27° 5	T 23
F 24	22 9 15	0♍55'40	22°22	2° 5	14°13	22°25	23°54	2°58	10°55	9°24	29° 1	3°56	4°59	5°48	27° 4	F 24
S 25	22 13 12	1°53'29	6♋17	4° 3	15°20	23° 1	24° 0	3° 6	10°59	9°25	29° 2	3°52	4°55	5°55	27° 2	S 25
S 26	22 17 8	2°51'21	20°40	6° 0	16°27	23°37	24° 6	3°14	11° 2	9°26	29° 2	3°46	4°52	6° 2	27° 1	S 26
M27	22 21 5	3°49'13	5♌28	7°56	17°34	24°14	24°13	3°21	11° 6	9°27	29° 2	3°38	4°49	6° 8	27° 0	M27
T 28	22 25 2	4°47'08	20°36	9°51	18°40	24°50	24°19	3°29	11° 9	9°28	29° 2	3°29	4°46	6°15	26°58	T 28
W29	22 28 58	5°45'04	5♍54	11°44	19°47	25°27	24°26	3°37	11°13	9°29	29°R 2	3°21	4°43	6°22	26°57	W29
T 30	22 32 55	6°43'01	21° 9	13°36	20°53	26° 4	24°33	3°44	11°16	9°30	29° 2	3°14	4°39	6°29	26°55	T 30
F 31	22 36 51	7♍41'00	6♎12	15♍26	21♎59	26♏41	24♏39	3♍52	11♌20	9♏32	29♉ 2	3♏ 9	4♏36	6♓35	26♈54	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n 2	7n59	4s40	20n49	1s10	5n41	1n 1	16s 0	1s23	17s29	0n52	12n43	1n23	18n26	0n36	12s51	1n46	6n16	13s57	13s30	13s35	6s 2	11n15	0n47
T 2	17 47	3 8	4 2	20 52	0 56	5 11	0 58	16 11	1 24	17 30	0 52	12 41	1 23	18 25	0 36	12 52	1 45	6 15	13 57	13 27	13 33	6 0	11 14	0 47
F 3	17 31	1s49	3 7	20 53	0 41	4 41	0 55	16 21	1 25	17 31	0 52	12 38	1 23	18 24	0 36	12 52	1 45	6 15	13 58	13 25	13 32	5 58	11 14	0 47
S 4	17 15	6 34	2 2	20 52	0 27	4 11	0 52	16 31	1 25	17 32	0 51	12 35	1 23	18 23	0 36	12 52	1 45	6 15	13 58	13 23	13 31	5 56	11 14	0 47
S 5	16 59	10 49	0 51	20 49	0 14	3 41	0 49	16 42	1 26	17 33	0 51	12 33	1 23	18 22	0 36	12 52	1 45	6 15	13 58	13 23	13 30	5 54	11 14	0 47
M 6	16 43	14 21	0n21	20 44	0 1	3 10	0 46	16 52	1 27	17 34	0 51	12 30	1 23	18 21	0 36	12 52	1 45	6 15	13 58	13 23	13 29	5 52	11 14	0 47
T 7	16 26	17 2	1 30	20 36	0n12	2 40	0 42	17 3	1 27	17 35	0 51	12 28	1 23	18 20	0 36	12 53	1 45	6 15	13 59	13 23	13 28	5 50	11 14	0 47
W 8	16 9	18 46	2 33	20 26	0 24	2 9	0 39	17 13	1 28	17 36	0 50	12 25	1 23	18 19	0 36	12 53	1 45	6 15	13 59	13 22	13 27	5 48	11 14	0 47
T 9	15 52	19 30	3 27	20 13	0 35	1 39	0 35	17 23	1 29	17 37	0 50	12 22	1 23	18 18	0 36	12 53	1 45	6 14	13 59	13 21	13 26	5 46	11 14	0 47
F 10	15 35	19 16	4 9	19 57	0 45	1 8	0 32	17 34	1 29	17 39	0 50	12 20	1 23	18 17	0 36	12 53	1 45	6 14	13 59	13 19	13 25	5 44	11 13	0 47
S 11	15 17	18 7	4 40	19 39	0 55	0 38	0 28	17 44	1 30	17 40	0 50	12 17	1 23	18 16	0 36	12 54	1 45	6 14	14 0	13 16	13 24	5 42	11 13	0 47
S 12	15 0	16 9	4 57	19 18	1 4	0 7	0 25	17 54	1 30	17 41	0 49	12 14	1 23	18 15	0 36	12 54	1 45	6 14	14 0	13 13	13 23	5 40	11 13	0 47
M13	14 41	13 31	5 0	18 55	1 12	0s23	0 21	18 5	1 31	17 42	0 49	12 12	1 23	18 14	0 36	12 54	1 45	6 14	14 0	13 8	13 22	5 38	11 13	0 47
T 14	14 23	10 20	4 51	18 29	1 19	0 54	0 17	18 15	1 31	17 44	0 49	12 9	1 23	18 13	0 36	12 54	1 45	6 13	14 0	13 4	13 21	5 36	11 12	0 47
W15	14 5	6 46	4 29	18 0	1 25	1 25	0 13	18 25	1 32	17 45	0 49	12 6	1 23	18 12	0 36	12 55	1 45	6 13	14 1	13 0	13 20	5 34	11 12	0 47
T 16	13 46	2 56	3 55	17 30	1 31	1 55	0 9	18 35	1 32	17 46	0 48	12 4	1 23	18 11	0 36	12 55	1 45	6 13	14 1	12 56	13 19	5 32	11 12	0 47
F 17	13 27	1n 0	3 11	16 57	1 35	2 26	0 5	18 45	1 33	17 48	0 48	12 1	1 23	18 10	0 36	12 55	1 45	6 13	14 1	12 53	13 18	5 30	11 11	0 47
S 18	13 8	4 54	2 18	16 22	1 39	2 57	0 1	18 56	1 33	17 49	0 48	11 58	1 23	18 9	0 36	12 56	1 45	6 13	14 2	12 51	13 17	5 28	11 11	0 47
S 19	12 48	8 38	1 19	15 45	1 42	3 27	0s 3	19 6	1 34	17 51	0 48	11 56	1 23	18 8	0 36	12 56	1 44	6 12	14 2	12 50	13 16	5 26	11 11	0 47
M20	12 29	12 5	0 16	15 7	1 44	3 57	0 7	19 15	1 34	17 52	0 48	11 53	1 23	18 7	0 36	12 56	1 44	6 12	14 2	12 50	13 14	5 24	11 10	0 46
T 21	12 9	15 3	0s50	14 28	1 45	4 28	0 11	19 25	1 35	17 54	0 47	11 50	1 23	18 6	0 36	12 57	1 44	6 12	14 2	12 50	13 13	5 22	11 10	0 46
W22	11 49	17 23	1 55	13 46	1 46	4 58	0 16	19 35	1 35	17 55	0 47	11 48	1 24	18 5	0 36	12 57	1 44	6 12	14 3	12 50	13 12	5 20	11 9	0 46
T 23	11 29	18 53	2 55	13 4	1 46	5 28	0 20	19 45	1 36	17 57	0 47	11 45	1 24	18 5	0 36	12 57	1 44	6 12	14 3	12 50	13 11	5 18	11 9	0 46
F 24	11 8	19 24	3 49	12 21	1 45	5 59	0 24	19 55	1 36	17 59	0 47	11 42	1 24	18 4	0 36	12 58	1 44	6 11	14 3	12 49	13 10	5 16	11 8	0 46
S 25	10 48	18 46	4 30	11 37	1 43	6 29	0 29	20 4	1 36	18 0	0 46	11 40	1 24	18 3	0 36	12 58	1 44	6 11	14 3	12 48	13 9	5 14	11 8	0 46
S 26	10 27	16 57	4 57	10 52	1 41	6 59	0 33	20 14	1 37	18 2	0 46	11 37	1 24	18 2	0 36	12 59	1 44	6 11	14 4	12 46	13 8	5 12	11 7	0 46
M27	10 6	13 58	5 4	10 7	1 39	7 28	0 38	20 23	1 37	18 4	0 46	11 34	1 24	18 1	0 36	12 59	1 44	6 11	14 4	12 43	13 7	5 10	11 7	0 46
T 28	9 45	10 0	4 51	9 21	1 36	7 58	0 43	20 32	1 38	18 6	0 46	11 32	1 24	18 0	0 36	12 59	1 44	6 10	14 4	12 40	13 6	5 8	11 6	0 46
W29	9 24	5 21	4 17	8 35	1 32	8 28	0 47	20 42	1 38	18 8	0 46	11 29	1 24	17 59	0 36	13 0	1 44	6 10	14 4	12 37	13 5	5 6	11 6	0 46
T 30	9 2	0 22	3 25	7 48	1 28	8 57	0 52	20 51	1 38	18 9	0 45	11 26	1 24	17 58	0 36	13 0	1 44	6 10	14 5	12 35	13 4	5 4	11 5	0 46
F 31	8n41	4s35	2s19	7n 2	1n24	9s26	0s57	21s 0	1s39	18s11	0n45	11n23	1n24	17n57	0n36	13s 1	1n44	6n10	14s 5	12s33	13s 3	5s 2	11n 4	0n46

Julian Day Number = 2497412.5, Delta T = 106.39 sec
Ecliptic obliquity = 23°25'15, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°29'42, Lahiri = 25°36'42

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2125
geocentric

SEPTEMBER 2125 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 48	8♍39'00	20♎55	17♍16	23♎ 5	27♏18	24♏47	3♍59	11♑23	9♏33	29°R 2	3°R 6	4♏33	6♓42	26°R52	S 1
S 2	22 44 44	9°37'02	5♏12	19° 4	24°11	27°56	24°54	4° 7	11°27	9°34	29♉ 1	3°D 5	4°30	6°49	26♈50	S 2
M 3	22 48 41	10°35'05	19° 2	20°51	25°17	28°33	25° 1	4°15	11°30	9°36	29° 1	3♏ 6	4°27	6°55	26°49	M 3
T 4	22 52 37	11°33'10	2♐25	22°36	26°22	29°11	25° 9	4°22	11°33	9°37	29° 1	3° 7	4°24	7° 2	26°47	T 4
W 5	22 56 34	12°31'16	15°25	24°21	27°27	29°49	25°16	4°30	11°37	9°38	29° 1	3°R 7	4°20	7° 9	26°45	W 5
T 6	23 0 31	13°29'23	28° 4	26° 4	28°32	0♑27	25°24	4°37	11°40	9°40	29° 1	3° 6	4°17	7°15	26°43	T 6
F 7	23 4 27	14°27'32	10♑27	27°46	29°37	1° 5	25°32	4°45	11°43	9°41	29° 1	3° 3	4°14	7°22	26°42	F 7
S 8	23 8 24	15°25'42	22°38	29°26	0♏42	1°43	25°40	4°52	11°46	9°43	29° 1	2°58	4°11	7°29	26°40	S 8
S 9	23 12 20	16°23'53	4♒40	1♎ 6	1°47	2°22	25°48	5° 0	11°50	9°44	29° 0	2°51	4° 8	7°36	26°38	S 9
M10	23 16 17	17°22'07	16°36	2°44	2°51	3° 1	25°56	5° 7	11°53	9°46	29° 0	2°43	4° 5	7°42	26°36	M10
T 11	23 20 13	18°20'21	28°29	4°21	3°55	3°39	26° 4	5°15	11°56	9°47	29° 0	2°34	4° 1	7°49	26°34	T 11
W12	23 24 10	19°18'38	10♓20	5°57	4°59	4°18	26°13	5°22	11°59	9°49	29° 0	2°26	3°58	7°56	26°32	W12
T 13	23 28 6	20°16'56	22°12	7°32	6° 2	4°58	26°22	5°30	12° 2	9°50	28°59	2°19	3°55	8° 2	26°30	T 13
F 14	23 32 3	21°15'16	4♈ 6	9° 6	7° 6	5°37	26°30	5°37	12° 5	9°52	28°59	2°14	3°52	8° 9	26°27	F 14
S 15	23 35 59	22°13'38	16° 3	10°38	8° 9	6°16	26°39	5°45	12° 8	9°54	28°59	2°10	3°49	8°16	26°25	S 15
S 16	23 39 56	23°12'02	28° 7	12°10	9°12	6°56	26°48	5°52	12°11	9°55	28°58	2°D 9	3°45	8°22	26°23	S 16
M17	23 43 53	24°10'27	10♉20	13°40	10°14	7°35	26°57	6° 0	12°14	9°57	28°58	2° 9	3°42	8°29	26°21	M17
T 18	23 47 49	25° 8'55	22°45	15° 9	11°17	8°15	27° 6	6° 7	12°17	9°59	28°58	2°11	3°39	8°36	26°19	T 18
W19	23 51 46	26° 7'26	5♊25	16°37	12°19	8°55	27°15	6°14	12°20	10° 0	28°57	2°12	3°36	8°42	26°16	W19
T 20	23 55 42	27° 5'58	18°24	18° 4	13°21	9°35	27°25	6°22	12°23	10° 2	28°57	2°13	3°33	8°49	26°14	T 20
F 21	23 59 39	28° 4'32	1♋45	19°30	14°22	10°16	27°34	6°29	12°26	10° 4	28°56	2°R14	3°30	8°56	26°12	F 21
S 22	0 3 35	29° 3'09	15°30	20°55	15°24	10°56	27°44	6°36	12°29	10° 6	28°56	2°13	3°26	9° 3	26° 9	S 22
S 23	0 7 32	0♎ 1'48	29°41	22°18	16°24	11°36	27°54	6°43	12°32	10° 7	28°55	2°10	3°23	9° 9	26° 7	S 23
M24	0 11 28	1° 0'29	14♑16	23°41	17°25	12°17	28° 3	6°51	12°34	10° 9	28°55	2° 6	3°20	9°16	26° 4	M24
T 25	0 15 25	1°59'13	29°10	25° 2	18°25	12°58	28°13	6°58	12°37	10°11	28°54	2° 2	3°17	9°23	26° 2	T 25
W26	0 19 22	2°57'58	14♍15	26°22	19°25	13°39	28°23	7° 5	12°40	10°13	28°54	1°58	3°14	9°29	25°59	W26
T 27	0 23 18	3°56'45	29°24	27°40	20°25	14°20	28°33	7°12	12°42	10°15	28°53	1°55	3°11	9°36	25°57	T 27
F 28	0 27 15	4°55'35	14♎26	28°57	21°24	15° 1	28°44	7°19	12°45	10°17	28°52	1°52	3° 7	9°43	25°54	F 28
S 29	0 31 11	5°54'26	29°12	0♏13	22°23	15°42	28°54	7°26	12°48	10°19	28°52	1°D51	3° 4	9°49	25°52	S 29
S 30	0 35 8	6♎53'19	13♏35	1♏27	23♏22	16♐23	29♏ 4	7♍33	12♑50	10♏21	28♉51	1♏52	3♏ 1	9♓56	25♈49	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n19	9s10	1s 5	6n15	1n19	9s55	1s 2	21s 9	1s39	18s13	0n45	11n21	1n24	17n56	0n36	13s 1	1n44	6n 9	14s 5	12s32	13s 2	5s 0	11n 4	0n46
S 2	7 57	13 4	0n11	5 28	1 14	10 24	1 6	21 18	1 39	18 15	0 45	11 18	1 24	17 55	0 36	13 2	1 44	6 9	14 5	12 32	13 1	4 58	11 3	0 46
M 3	7 36	16 6	1 25	4 41	1 9	10 53	1 11	21 26	1 39	18 17	0 45	11 15	1 24	17 54	0 37	13 2	1 44	6 9	14 6	12 32	13 0	4 56	11 3	0 46
T 4	7 14	18 10	2 31	3 54	1 3	11 21	1 16	21 35	1 40	18 19	0 44	11 13	1 24	17 53	0 37	13 3	1 44	6 8	14 6	12 33	12 59	4 53	11 2	0 46
W 5	6 51	19 11	3 28	3 7	0 57	11 49	1 21	21 43	1 40	18 21	0 44	11 10	1 25	17 52	0 37	13 3	1 44	6 8	14 6	12 33	12 57	4 51	11 1	0 46
T 6	6 29	19 12	4 12	2 21	0 51	12 17	1 26	21 52	1 40	18 23	0 44	11 7	1 25	17 52	0 37	13 4	1 44	6 8	14 6	12 32	12 56	4 49	11 1	0 46
F 7	6 7	18 17	4 44	1 34	0 45	12 45	1 31	22 0	1 40	18 25	0 44	11 5	1 25	17 51	0 37	13 4	1 44	6 8	14 7	12 31	12 55	4 47	11 0	0 46
S 8	5 44	16 33	5 3	0 48	0 38	13 12	1 36	22 8	1 41	18 27	0 44	11 2	1 25	17 50	0 37	13 5	1 43	6 7	14 7	12 29	12 54	4 45	10 59	0 46
S 9	5 22	14 6	5 8	0 2	0 31	13 40	1 41	22 16	1 41	18 29	0 43	10 59	1 25	17 49	0 37	13 5	1 43	6 7	14 7	12 27	12 53	4 43	10 58	0 46
M10	4 59	11 6	4 59	0s43	0 24	14 7	1 46	22 24	1 41	18 32	0 43	10 57	1 25	17 48	0 37	13 6	1 43	6 7	14 8	12 24	12 52	4 41	10 58	0 46
T 11	4 36	7 39	4 37	1 28	0 17	14 33	1 51	22 32	1 41	18 34	0 43	10 54	1 25	17 47	0 37	13 6	1 43	6 6	14 8	12 21	12 51	4 39	10 57	0 46
W12	4 14	3 55	4 4	2 13	0 9	15 0	1 56	22 39	1 42	18 36	0 43	10 51	1 25	17 46	0 37	13 7	1 43	6 6	14 8	12 19	12 50	4 37	10 56	0 46
T 13	3 51	0 2	3 20	2 57	0 2	15 26	2 1	22 46	1 42	18 38	0 43	10 49	1 25	17 46	0 37	13 7	1 43	6 6	14 8	12 16	12 49	4 35	10 55	0 45
F 14	3 28	3n52	2 26	3 41	0s 5	15 52	2 6	22 54	1 42	18 40	0 42	10 46	1 25	17 45	0 37	13 8	1 43	6 6	14 9	12 14	12 48	4 33	10 54	0 45
S 15	3 5	7 38	1 26	4 24	0 13	16 17	2 11	23 1	1 42	18 42	0 42	10 43	1 25	17 44	0 37	13 8	1 43	6 5	14 9	12 13	12 47	4 31	10 54	0 45
S 16	2 42	11 8	0 22	5 7	0 21	16 42	2 16	23 8	1 42	18 45	0 42	10 41	1 26	17 43	0 37	13 9	1 43	6 5	14 9	12 13	12 46	4 29	10 53	0 45
M17	2 19	14 12	0s45	5 50	0 28	17 7	2 22	23 15	1 42	18 47	0 42	10 38	1 26	17 42	0 37	13 9	1 43	6 5	14 9	12 13	12 45	4 27	10 52	0 45
T 18	1 56	16 40	1 50	6 31	0 36	17 32	2 27	23 21	1 42	18 49	0 42	10 35	1 26	17 41	0 37	13 10	1 43	6 4	14 9	12 13	12 43	4 25	10 51	0 45
W19	1 32	18 22	2 52	7 12	0 44	17 56	2 32	23 28	1 43	18 51	0 42	10 33	1 26	17 41	0 37	13 10	1 43	6 4	14 10	12 14	12 42	4 23	10 50	0 45
T 20	1 9	19 10	3 46	7 53	0 52	18 19	2 37	23 34	1 43	18 54	0 41	10 30	1 26	17 40	0 37	13 11	1 43	6 4	14 10	12 14	12 41	4 21	10 49	0 45
F 21	0 46	18 55	4 30	8 33	1 0	18 43	2 42	23 40	1 43	18 56	0 41	10 28	1 26	17 39	0 37	13 12	1 43	6 3	14 10	12 14	12 40	4 19	10 48	0 45
S 22	0 23	17 34	5 0	9 12	1 8	19 6	2 47	23 46	1 43	18 58	0 41	10 25	1 26	17 38	0 37	13 12	1 43	6 3	14 10	12 14	12 39	4 17	10 47	0 45
S 23	0s 1	15 6	5 12	9 51	1 15	19 28	2 52	23 51	1 43	19 1	0 41	10 22	1 26	17 38	0 37	13 13	1 43	6 3	14 11	12 13	12 38	4 15	10 46	0 45
M24	0 24	11 39	5 6	10 28	1 23	19 51	2 57	23 57	1 43	19 3	0 41	10 20	1 27	17 37	0 37	13 13	1 43	6 2	14 11	12 12	12 37	4 13	10 45	0 45
T 25	0 47	7 24	4 39	11 5	1 31	20 12	3 2	24 2	1 43	19 5	0 40	10 17	1 27	17 36	0 37	13 14	1 43	6 2	14 11	12 10	12 36	4 11	10 44	0 45
W26	1 11	2 37	3 52	11 42	1 38	20 34	3 7	24 8	1 43	19 8	0 40	10 15	1 27	17 35	0 37	13 15	1 43	6 2	14 11	12 9	12 35	4 9	10 43	0 45
T 27	1 34	2s21	2 49	12 17	1 46	20 55	3 12	24 12	1 43	19 10	0 40	10 12	1 27	17 35	0 37	13 15	1 43	6 1	14 12	12 8	12 34	4 7	10 43	0 45
F 28	1 57	7 8	1 34	12 51	1 53	21 15	3 16	24 17	1 43	19 13	0 40	10 10	1 27	17 34	0 37	13 16	1 43	6 1	14 12	12 7	12 33	4 5	10 42	0 45
S 29	2 21	11 24	0 15	13 25	2 1	21 36	3 21	24 22	1 43	19 15	0 40	10 7	1 27	17 33	0 37	13 17	1 43	6 1	14 12	12 7	12 32	4 3	10 41	0 45
S 30	2s44	14s53	1n 4	13s58	2s 8	21s55	3s26	24s26	1s43	19s17	0n40	10n 5	1n27	17n33	0n37	13s17	1n43	6n 0	14s12	12s 7	12s30	4s 1	10n40	0n44

Julian Day Number = 2497443.5, Delta T = 106.44 sec
Ecliptic obliquity = 23°25'15, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°29'46, Lahiri = 25°36'47

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ASTRODIENST EPHEMERIS for the year 2125
geocentric

OCTOBER 2125 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 39 4	7♎52'15	27♏33	2♏39	24♏20	17♐ 5	29♏15	7♍40	12♌53	10♏23	28°R51	1♏53	2♏58	10♓ 3	25°R46	M 1
T 2	0 43 1	8°51'12	11♐ 4	3°50	25°17	17°47	29°25	7°47	12°55	10°25	28♉50	1°54	2°55	10°10	25♈44	T 2
W 3	0 46 57	9°50'10	24°10	4°59	26°15	18°28	29°36	7°54	12°57	10°26	28°49	1°56	2°51	10°16	25°41	W 3
T 4	0 50 54	10°49'11	6♑52	6° 6	27°12	19°10	29°47	8° 1	13° 0	10°28	28°49	1°R57	2°48	10°23	25°38	T 4
F 5	0 54 51	11°48'13	19°16	7°11	28° 8	19°52	29°58	8° 7	13° 2	10°31	28°48	1°56	2°45	10°30	25°36	F 5
S 6	0 58 47	12°47'17	1♒26	8°14	29° 4	20°34	0♐ 9	8°14	13° 4	10°33	28°47	1°55	2°42	10°36	25°33	S 6
S 7	1 2 44	13°46'23	13°25	9°14	29°59	21°16	0°20	8°21	13° 7	10°35	28°46	1°53	2°39	10°43	25°30	S 7
M 8	1 6 40	14°45'30	25°19	10°12	0♐54	21°59	0°31	8°28	13° 9	10°37	28°46	1°51	2°36	10°50	25°28	M 8
T 9	1 10 37	15°44'39	7♓ 9	11° 6	1°48	22°41	0°42	8°34	13°11	10°39	28°45	1°48	2°32	10°56	25°25	T 9
W10	1 14 33	16°43'51	19° 1	11°58	2°42	23°23	0°53	8°41	13°13	10°41	28°44	1°46	2°29	11° 3	25°22	W10
T 11	1 18 30	17°43'04	0♈56	12°46	3°35	24° 6	1° 4	8°47	13°15	10°43	28°43	1°44	2°26	11°10	25°19	T 11
F 12	1 22 26	18°42'19	12°56	13°30	4°27	24°49	1°16	8°54	13°17	10°45	28°42	1°43	2°23	11°16	25°16	F 12
S 13	1 26 23	19°41'36	25° 4	14°11	5°19	25°31	1°27	9° 0	13°19	10°47	28°42	1°42	2°20	11°23	25°14	S 13
S 14	1 30 19	20°40'55	7♉21	14°46	6°10	26°14	1°39	9° 7	13°21	10°49	28°41	1°D42	2°16	11°30	25°11	S 14
M15	1 34 16	21°40'16	19°49	15°17	7° 1	26°57	1°50	9°13	13°23	10°51	28°40	1°42	2°13	11°37	25° 8	M15
T 16	1 38 13	22°39'39	2♊28	15°43	7°51	27°40	2° 2	9°19	13°25	10°53	28°39	1°43	2°10	11°43	25° 5	T 16
W17	1 42 9	23°39'05	15°22	16° 2	8°40	28°23	2°14	9°25	13°27	10°56	28°38	1°44	2° 7	11°50	25° 2	W17
T 18	1 46 6	24°38'33	28°30	16°16	9°28	29° 7	2°26	9°31	13°28	10°58	28°37	1°45	2° 4	11°57	25° 0	T 18
F 19	1 50 2	25°38'03	11♋55	16°R22	10°16	29°50	2°38	9°38	13°30	11° 0	28°36	1°45	2° 1	12° 3	24°57	F 19
S 20	1 53 59	26°37'36	25°37	16°21	11° 2	0♑33	2°50	9°44	13°32	11° 2	28°35	1°R45	1°57	12°10	24°54	S 20
S 21	1 57 55	27°37'11	9♌38	16°12	11°48	1°17	3° 2	9°50	13°33	11° 4	28°35	1°45	1°54	12°17	24°51	S 21
M22	2 1 52	28°36'48	23°55	15°55	12°33	2° 1	3°14	9°55	13°35	11° 7	28°34	1°45	1°51	12°23	24°48	M22
T 23	2 5 48	29°36'27	8♍27	15°29	13°17	2°44	3°26	10° 1	13°36	11° 9	28°33	1°45	1°48	12°30	24°46	T 23
W24	2 9 45	0♏36'09	23° 9	14°54	14° 0	3°28	3°38	10° 7	13°38	11°11	28°32	1°45	1°45	12°37	24°43	W24
T 25	2 13 42	1°35'53	7♎56	14°10	14°42	4°12	3°50	10°13	13°39	11°13	28°31	1°D44	1°42	12°43	24°40	T 25
F 26	2 17 38	2°35'39	22°40	13°18	15°23	4°56	4° 3	10°18	13°41	11°15	28°30	1°44	1°38	12°50	24°37	F 26
S 27	2 21 35	3°35'27	7♏14	12°18	16° 3	5°40	4°15	10°24	13°42	11°18	28°29	1°R44	1°35	12°57	24°34	S 27
S 28	2 25 31	4°35'17	21°33	11°11	16°42	6°24	4°27	10°29	13°43	11°20	28°28	1°44	1°32	13° 4	24°32	S 28
M29	2 29 28	5°35'09	5♐31	9°59	17°19	7° 8	4°40	10°35	13°44	11°22	28°27	1°44	1°29	13°10	24°29	M29
T 30	2 33 24	6°35'02	19° 5	8°44	17°55	7°53	4°52	10°40	13°46	11°24	28°26	1°44	1°26	13°17	24°26	T 30
W31	2 37 21	7♏34'58	2♑15	7♏27	18♐30	8♑37	5♐ 5	10♍46	13♌47	11♏27	28♉25	1♏43	1♏22	13♓24	24♈24	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s 7	17s23	2n17	14s30	2s15	22s15	3s31	24s30	1s43	19s20	0n39	10n 2	1n27	17n32	0n37	13s18	1n43	6n 0	14s12	12s 7	12s29	3s59	10n39	0n44
T 2	3 30	18 48	3 19	15 0	2 21	22 33	3 35	24 34	1 43	19 22	0 39	10 0	1 28	17 31	0 37	13 18	1 43	6 0	14 13	12 8	12 28	3 57	10 37	0 44
W 3	3 54	19 8	4 10	15 30	2 28	22 52	3 40	24 38	1 43	19 25	0 39	9 57	1 28	17 31	0 37	13 19	1 43	5 59	14 13	12 8	12 27	3 55	10 36	0 44
T 4	4 17	18 29	4 46	15 58	2 34	23 10	3 45	24 41	1 43	19 27	0 39	9 55	1 28	17 30	0 37	13 20	1 43	5 59	14 13	12 8	12 26	3 53	10 35	0 44
F 5	4 40	16 57	5 8	16 26	2 41	23 27	3 49	24 45	1 43	19 30	0 39	9 53	1 28	17 29	0 37	13 20	1 43	5 59	14 13	12 8	12 25	3 51	10 34	0 44
S 6	5 3	14 42	5 15	16 52	2 46	23 44	3 54	24 48	1 43	19 32	0 39	9 50	1 28	17 29	0 37	13 21	1 42	5 58	14 13	12 8	12 24	3 49	10 33	0 44
S 7	5 26	11 50	5 9	17 16	2 52	24 0	3 58	24 51	1 43	19 35	0 39	9 48	1 28	17 28	0 37	13 22	1 42	5 58	14 14	12 7	12 23	3 47	10 32	0 44
M 8	5 49	8 31	4 50	17 40	2 57	24 16	4 2	24 53	1 43	19 37	0 38	9 46	1 28	17 27	0 38	13 22	1 42	5 58	14 14	12 6	12 22	3 45	10 31	0 44
T 9	6 11	4 53	4 18	18 2	3 2	24 32	4 6	24 56	1 43	19 39	0 38	9 43	1 29	17 27	0 38	13 23	1 42	5 57	14 14	12 6	12 21	3 43	10 30	0 44
W10	6 34	1 3	3 35	18 22	3 6	24 46	4 10	24 58	1 43	19 42	0 38	9 41	1 29	17 26	0 38	13 24	1 42	5 57	14 14	12 5	12 20	3 41	10 29	0 44
T 11	6 57	2n51	2 42	18 40	3 10	25 1	4 14	25 0	1 42	19 44	0 38	9 39	1 29	17 26	0 38	13 24	1 42	5 57	14 14	12 4	12 19	3 39	10 28	0 44
F 12	7 19	6 40	1 42	18 57	3 13	25 15	4 18	25 1	1 42	19 47	0 38	9 36	1 29	17 25	0 38	13 25	1 42	5 56	14 14	12 4	12 17	3 37	10 27	0 44
S 13	7 42	10 16	0 37	19 12	3 16	25 28	4 22	25 3	1 42	19 49	0 38	9 34	1 29	17 25	0 38	13 26	1 42	5 56	14 15	12 3	12 16	3 35	10 26	0 44
S 14	8 4	13 28	0s31	19 24	3 18	25 41	4 26	25 4	1 42	19 52	0 38	9 32	1 29	17 24	0 38	13 26	1 42	5 56	14 15	12 3	12 15	3 33	10 25	0 44
M15	8 26	16 5	1 39	19 35	3 19	25 53	4 29	25 5	1 42	19 54	0 37	9 30	1 30	17 24	0 38	13 27	1 42	5 56	14 15	12 3	12 14	3 31	10 24	0 43
T 16	8 49	17 59	2 43	19 43	3 19	26 5	4 33	25 6	1 42	19 57	0 37	9 27	1 30	17 23	0 38	13 28	1 42	5 55	14 15	12 4	12 13	3 29	10 23	0 43
W17	9 11	18 59	3 39	19 48	3 19	26 17	4 36	25 6	1 42	19 59	0 37	9 25	1 30	17 23	0 38	13 28	1 42	5 55	14 15	12 4	12 12	3 27	10 21	0 43
T 18	9 32	18 59	4 26	19 50	3 17	26 27	4 39	25 7	1 41	20 2	0 37	9 23	1 30	17 22	0 38	13 29	1 42	5 55	14 15	12 4	12 11	3 25	10 20	0 43
F 19	9 54	17 56	4 59	19 49	3 14	26 38	4 42	25 7	1 41	20 4	0 37	9 21	1 30	17 22	0 38	13 30	1 42	5 54	14 15	12 4	12 10	3 23	10 19	0 43
S 20	10 16	15 50	5 16	19 45	3 10	26 47	4 45	25 6	1 41	20 7	0 37	9 19	1 30	17 21	0 38	13 30	1 42	5 54	14 16	12 4	12 9	3 21	10 18	0 43
S 21	10 37	12 46	5 15	19 37	3 5	26 56	4 48	25 6	1 41	20 9	0 37	9 17	1 31	17 21	0 38	13 31	1 42	5 54	14 16	12 4	12 8	3 19	10 17	0 43
M22	10 58	8 54	4 54	19 25	2 58	27 5	4 51	25 5	1 41	20 11	0 36	9 15	1 31	17 20	0 38	13 32	1 42	5 53	14 16	12 4	12 6	3 17	10 16	0 43
T 23	11 20	4 27	4 15	19 10	2 49	27 13	4 53	25 4	1 40	20 14	0 36	9 13	1 31	17 20	0 38	13 32	1 42	5 53	14 16	12 4	12 5	3 15	10 15	0 43
W24	11 40	0s19	3 18	18 49	2 39	27 21	4 55	25 3	1 40	20 16	0 36	9 11	1 31	17 20	0 38	13 33	1 42	5 53	14 16	12 4	12 4	3 13	10 14	0 43
T 25	12 1	5 7	2 8	18 25	2 27	27 28	4 57	25 1	1 40	20 19	0 36	9 9	1 31	17 19	0 38	13 34	1 42	5 52	14 16	12 4	12 3	3 11	10 13	0 43
F 26	12 22	9 35	0 50	17 56	2 13	27 34	4 59	24 59	1 40	20 21	0 36	9 7	1 32	17 19	0 38	13 35	1 42	5 52	14 16	12 4	12 2	3 9	10 12	0 43
S 27	12 42	13 26	0n31	17 23	1 58	27 40	5 1	24 57	1 39	20 24	0 36	9 5	1 32	17 19	0 38	13 35	1 42	5 52	14 16	12 4	12 1	3 7	10 10	0 42
S 28	13 2	16 24	1 48	16 46	1 40	27 46	5 2	24 55	1 39	20 26	0 36	9 3	1 32	17 18	0 38	13 36	1 42	5 51	14 16	12 4	12 0	3 5	10 9	0 42
M29	13 22	18 18	2 57	16 6	1 22	27 51	5 3	24 52	1 39	20 28	0 36	9 1	1 32	17 18	0 38	13 37	1 42	5 51	14 17	12 4	11 59	3 3	10 8	0 42
T 30	13 42	19 5	3 54	15 23	1 2	27 55	5 4	24 50	1 39	20 31	0 35	8 59	1 32	17 18	0 38	13 37	1 42	5 51	14 17	12 4	11 58	3 1	10 7	0 42
W31	14s 2	18s48	4n36	14s39	0s42	27s59	5s 5	24s47	1s38	20s33	0n35	8n57	1n33	17n17	0n38	13s38	1n42	5n51	14s17	12s 4	11s57	2s59	10n 6	0n42

Julian Day Number = 2497473.5, Delta T = 106.49 sec
Ecliptic obliquity = 23°25'15, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°29'50, Lahiri = 25°36'51

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ASTRODIENST EPHEMERIS for the year 2125
geocentric

NOVEMBER 2125 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 17	8♏34'55	15♑ 3	6°R11	19♐ 4	9♑21	5♐18	10♍51	13♌48	11♏29	28°R24	1°R42	1♏19	13♓30	24°R21	T 1
F 2	2 45 14	9°34'54	27°30	4♏58	19°36	10° 6	5°30	10°56	13°49	11°31	28♉22	1♏42	1°16	13°37	24♈18	F 2
S 3	2 49 11	10°34'54	9♒42	3°51	20° 7	10°50	5°43	11° 1	13°50	11°33	28°21	1°D41	1°13	13°44	24°15	S 3
S 4	2 53 7	11°34'56	21°41	2°52	20°36	11°35	5°56	11° 6	13°50	11°36	28°20	1°42	1°10	13°50	24°13	S 4
M 5	2 57 4	12°34'59	3♓34	2° 2	21° 4	12°20	6° 9	11°11	13°51	11°38	28°19	1°42	1° 7	13°57	24°10	M 5
T 6	3 1 0	13°35'04	15°25	1°23	21°30	13° 5	6°22	11°16	13°52	11°40	28°18	1°43	1° 3	14° 4	24° 8	T 6
W 7	3 4 57	14°35'11	27°17	0°54	21°54	13°49	6°34	11°21	13°53	11°42	28°17	1°45	1° 0	14°10	24° 5	W 7
T 8	3 8 53	15°35'19	9♈16	0°38	22°17	14°34	6°47	11°25	13°53	11°45	28°16	1°46	0°57	14°17	24° 2	T 8
F 9	3 12 50	16°35'29	21°23	0°D33	22°38	15°19	7° 0	11°30	13°54	11°47	28°15	1°47	0°54	14°24	24° 0	F 9
S 10	3 16 46	17°35'41	3♉43	0°39	22°56	16° 4	7°13	11°34	13°54	11°49	28°14	1°R47	0°51	14°30	23°57	S 10
S 11	3 20 43	18°35'54	16°16	0°56	23°13	16°49	7°26	11°39	13°55	11°51	28°13	1°46	0°47	14°37	23°55	S 11
M12	3 24 40	19°36'09	29° 3	1°22	23°28	17°35	7°39	11°43	13°55	11°54	28°12	1°45	0°44	14°44	23°52	M12
T 13	3 28 36	20°36'26	12♊ 5	1°58	23°41	18°20	7°53	11°47	13°56	11°56	28°11	1°43	0°41	14°50	23°50	T 13
W14	3 32 33	21°36'45	25°21	2°42	23°51	19° 5	8° 6	11°51	13°56	11°58	28° 9	1°40	0°38	14°57	23°47	W14
T 15	3 36 29	22°37'05	8♋50	3°33	23°59	19°50	8°19	11°56	13°56	12° 0	28° 8	1°37	0°35	15° 4	23°45	T 15
F 16	3 40 26	23°37'28	22°31	4°30	24° 5	20°36	8°32	12° 0	13°57	12° 2	28° 7	1°34	0°32	15°11	23°43	F 16
S 17	3 44 22	24°37'52	6♌22	5°33	24° 9	21°21	8°45	12° 3	13°57	12° 5	28° 6	1°32	0°28	15°17	23°40	S 17
S 18	3 48 19	25°38'18	20°22	6°41	24°R11	22° 7	8°58	12° 7	13°57	12° 7	28° 5	1°D31	0°25	15°24	23°38	S 18
M19	3 52 15	26°38'46	4♍29	7°53	24°10	22°52	9°12	12°11	13°R57	12° 9	28° 4	1°31	0°22	15°31	23°36	M19
T 20	3 56 12	27°39'16	18°43	9° 8	24° 6	23°38	9°25	12°15	13°57	12°11	28° 3	1°32	0°19	15°37	23°34	T 20
W21	4 0 9	28°39'48	3♎ 0	10°27	24° 0	24°23	9°38	12°18	13°57	12°13	28° 2	1°33	0°16	15°44	23°31	W21
T 22	4 4 5	29°40'21	17°19	11°48	23°52	25° 9	9°52	12°22	13°57	12°16	28° 0	1°35	0°13	15°51	23°29	T 22
F 23	4 8 2	0♐40'57	1♏35	13°11	23°41	25°55	10° 5	12°25	13°56	12°18	27°59	1°R35	0° 9	15°57	23°27	F 23
S 24	4 11 58	1°41'34	15°45	14°36	23°28	26°41	10°18	12°28	13°56	12°20	27°58	1°35	0° 6	16° 4	23°25	S 24
S 25	4 15 55	2°42'12	29°44	16° 3	23°13	27°27	10°32	12°31	13°56	12°22	27°57	1°32	0° 3	16°11	23°23	S 25
M26	4 19 51	3°42'52	13♐29	17°31	22°55	28°12	10°45	12°34	13°56	12°24	27°56	1°28	29♎59	16°17	23°21	M26
T 27	4 23 48	4°43'34	26°57	19° 0	22°35	28°58	10°59	12°37	13°55	12°26	27°55	1°23	29°57	16°24	23°19	T 27
W28	4 27 44	5°44'16	10♑ 4	20°29	22°12	29°44	11°12	12°40	13°55	12°28	27°54	1°17	29°53	16°31	23°17	W28
T 29	4 31 41	6°45'00	22°52	22° 0	21°48	0♒30	11°26	12°43	13°54	12°30	27°53	1°11	29°50	16°37	23°15	T 29
F 30	4 35 38	7♐45'45	5♒21	23♏31	21♐21	1♒16	11♐39	12♍46	13♌54	12♏33	27♉51	1♏ 6	29♎47	16♓44	23♈14	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s21	17s32	5n 4	13s54	0s21	28s 2	5s 5	24s43	1s38	20s35	0n35	8n55	1n33	17n17	0n38	13s39	1n42	5n50	14s17	12s 3	11s55	2s57	10n 5	0n42
F 2	14 40	15 28	5 16	13 11	0 1	28 5	5 5	24 40	1 38	20 38	0 35	8 54	1 33	17 17	0 38	13 39	1 42	5 50	14 17	12 3	11 54	2 55	10 4	0 42
S 3	14 59	12 45	5 14	12 29	0n20	28 8	5 5	24 36	1 37	20 40	0 35	8 52	1 33	17 17	0 39	13 40	1 42	5 50	14 17	12 3	11 53	2 53	10 3	0 42
S 4	15 18	9 33	4 58	11 51	0 39	28 9	5 5	24 32	1 37	20 42	0 35	8 50	1 33	17 17	0 39	13 41	1 42	5 49	14 17	12 3	11 52	2 51	10 2	0 42
M 5	15 36	6 0	4 30	11 17	0 56	28 11	5 4	24 27	1 37	20 45	0 35	8 49	1 34	17 16	0 39	13 41	1 42	5 49	14 17	12 3	11 51	2 49	10 1	0 42
T 6	15 54	2 13	3 50	10 49	1 13	28 11	5 3	24 23	1 36	20 47	0 35	8 47	1 34	17 16	0 39	13 42	1 42	5 49	14 17	12 4	11 50	2 47	10 0	0 42
W 7	16 12	1n40	3 0	10 25	1 27	28 11	5 2	24 18	1 36	20 49	0 34	8 45	1 34	17 16	0 39	13 43	1 42	5 49	14 17	12 4	11 49	2 45	9 59	0 42
T 8	16 30	5 32	2 2	10 8	1 40	28 11	5 0	24 13	1 36	20 52	0 34	8 44	1 34	17 16	0 39	13 44	1 42	5 48	14 17	12 5	11 48	2 43	9 58	0 41
F 9	16 47	9 13	0 57	9 56	1 50	28 10	4 58	24 7	1 35	20 54	0 34	8 42	1 34	17 16	0 39	13 44	1 42	5 48	14 17	12 5	11 47	2 41	9 57	0 41
S 10	17 4	12 35	0s11	9 50	1 59	28 9	4 55	24 2	1 35	20 56	0 34	8 41	1 35	17 16	0 39	13 45	1 42	5 48	14 17	12 5	11 46	2 39	9 56	0 41
S 11	17 21	15 25	1 19	9 49	2 6	28 7	4 52	23 56	1 35	20 58	0 34	8 39	1 35	17 15	0 39	13 46	1 42	5 48	14 17	12 5	11 44	2 37	9 55	0 41
M12	17 37	17 34	2 25	9 53	2 12	28 4	4 49	23 49	1 34	21 1	0 34	8 38	1 35	17 15	0 39	13 46	1 42	5 47	14 17	12 4	11 43	2 35	9 54	0 41
T 13	17 53	18 51	3 25	10 1	2 16	28 1	4 45	23 43	1 34	21 3	0 34	8 36	1 35	17 15	0 39	13 47	1 42	5 47	14 17	12 4	11 42	2 33	9 53	0 41
W14	18 9	19 6	4 14	10 14	2 18	27 57	4 41	23 36	1 33	21 5	0 34	8 35	1 36	17 15	0 39	13 48	1 42	5 47	14 17	12 3	11 41	2 31	9 52	0 41
T 15	18 25	18 18	4 50	10 30	2 19	27 53	4 36	23 29	1 33	21 7	0 34	8 33	1 36	17 15	0 39	13 48	1 42	5 47	14 17	12 1	11 40	2 29	9 51	0 41
F 16	18 40	16 26	5 11	10 49	2 19	27 48	4 31	23 22	1 33	21 9	0 34	8 32	1 36	17 15	0 39	13 49	1 42	5 46	14 17	12 0	11 39	2 27	9 50	0 41
S 17	18 55	13 36	5 14	11 11	2 18	27 42	4 25	23 15	1 32	21 12	0 33	8 31	1 36	17 15	0 39	13 50	1 42	5 46	14 17	12 0	11 38	2 25	9 49	0 41
S 18	19 9	9 58	4 58	11 35	2 17	27 36	4 19	23 7	1 32	21 14	0 33	8 30	1 36	17 15	0 39	13 50	1 42	5 46	14 17	11 59	11 37	2 23	9 48	0 40
M19	19 23	5 45	4 24	12 1	2 14	27 29	4 12	22 59	1 31	21 16	0 33	8 28	1 37	17 15	0 39	13 51	1 42	5 46	14 17	11 59	11 36	2 21	9 47	0 40
T 20	19 37	1 11	3 34	12 28	2 10	27 22	4 5	22 51	1 31	21 18	0 33	8 27	1 37	17 15	0 39	13 51	1 42	5 46	14 17	12 0	11 34	2 19	9 46	0 40
W21	19 51	3s30	2 31	12 57	2 6	27 14	3 57	22 42	1 30	21 20	0 33	8 26	1 37	17 15	0 39	13 52	1 42	5 45	14 17	12 0	11 33	2 17	9 45	0 40
T 22	20 4	7 59	1 18	13 26	2 2	27 5	3 48	22 34	1 30	21 22	0 33	8 25	1 37	17 15	0 39	13 53	1 42	5 45	14 17	12 1	11 32	2 15	9 44	0 40
F 23	20 17	12 1	0 0	13 56	1 57	26 55	3 39	22 25	1 29	21 24	0 33	8 24	1 38	17 16	0 39	13 53	1 42	5 45	14 17	12 1	11 31	2 13	9 43	0 40
S 24	20 29	15 19	1n17	14 26	1 51	26 45	3 30	22 15	1 29	21 26	0 33	8 23	1 38	17 16	0 39	13 54	1 42	5 45	14 17	12 1	11 30	2 11	9 42	0 40
S 25	20 41	17 40	2 28	14 57	1 45	26 34	3 19	22 6	1 28	21 28	0 33	8 22	1 38	17 16	0 39	13 55	1 42	5 45	14 17	12 0	11 29	2 9	9 42	0 40
M26	20 53	18 56	3 29	15 27	1 39	26 22	3 9	21 56	1 28	21 30	0 33	8 21	1 38	17 16	0 39	13 55	1 42	5 44	14 17	11 59	11 28	2 7	9 41	0 40
T 27	21 4	19 6	4 17	15 58	1 33	26 10	2 57	21 46	1 27	21 32	0 33	8 20	1 39	17 16	0 40	13 56	1 42	5 44	14 17	11 57	11 27	2 5	9 40	0 40
W28	21 15	18 13	4 50	16 28	1 26	25 56	2 45	21 36	1 27	21 34	0 32	8 19	1 39	17 16	0 40	13 57	1 42	5 44	14 17	11 55	11 26	2 3	9 39	0 39
T 29	21 25	16 25	5 8	16 58	1 20	25 43	2 33	21 26	1 26	21 36	0 32	8 18	1 39	17 16	0 40	13 57	1 42	5 44	14 17	11 53	11 24	2 1	9 38	0 39
F 30	21s35	13s54	5n10	17s28	1n13	25s28	2s20	21s15	1s26	21s38	0n32	8n18	1n39	17n17	0n40	13s58	1n42	5n44	14s17	11s51	11s23	1s59	9n38	0n39

Julian Day Number = 2497504.5, Delta T = 106.54 sec
Ecliptic obliquity = 23°25'15, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°29'55, Lahiri = 25°36'55

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ASTRODIENST EPHEMERIS for the year 2125
geocentric

DECEMBER 2125 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 34	8♐46'31	17♒34	25♏ 3	20°R53	2♒ 3	11♐53	12♍48	13°R53	12♏35	27°R50	1°R 2	29♎44	16♓51	23°R12	S 1
S 2	4 43 31	9°47'18	29°34	26°35	20♐22	2°49	12° 6	12°51	13♌52	12°37	27♉49	0♏59	29°41	16°57	23♈10	S 2
M 3	4 47 27	10°48'06	11♓27	28° 7	19°51	3°35	12°19	12°53	13°52	12°39	27°48	0°D59	29°38	17° 4	23° 8	M 3
T 4	4 51 24	11°48'54	23°17	29°39	19°17	4°21	12°33	12°55	13°51	12°41	27°47	0°59	29°34	17°11	23° 7	T 4
W 5	4 55 20	12°49'44	5♈ 9	1♐12	18°43	5° 7	12°46	12°57	13°50	12°43	27°46	1° 1	29°31	17°18	23° 5	W 5
T 6	4 59 17	13°50'34	17° 9	2°45	18° 8	5°54	13° 0	12°59	13°49	12°45	27°45	1° 2	29°28	17°24	23° 4	T 6
F 7	5 3 13	14°51'26	29°20	4°18	17°32	6°40	13°13	13° 1	13°48	12°47	27°44	1°R 3	29°25	17°31	23° 2	F 7
S 8	5 7 10	15°52'18	11♉48	5°51	16°56	7°26	13°27	13° 3	13°47	12°49	27°43	1° 3	29°22	17°38	23° 1	S 8
S 9	5 11 7	16°53'11	24°34	7°24	16°19	8°13	13°40	13° 5	13°46	12°51	27°42	1° 0	29°19	17°44	22°59	S 9
M10	5 15 3	17°54'06	7♊40	8°58	15°43	8°59	13°54	13° 6	13°45	12°53	27°41	0°55	29°15	17°51	22°58	M10
T 11	5 19 0	18°55'01	21° 6	10°31	15° 6	9°45	14° 7	13° 8	13°44	12°54	27°40	0°48	29°12	17°58	22°57	T 11
W12	5 22 56	19°55'57	4♋49	12° 4	14°31	10°32	14°21	13° 9	13°43	12°56	27°39	0°40	29° 9	18° 4	22°55	W12
T 13	5 26 53	20°56'54	18°47	13°38	13°56	11°18	14°34	13°10	13°42	12°58	27°38	0°31	29° 6	18°11	22°54	T 13
F 14	5 30 49	21°57'52	2♌54	15°11	13°22	12° 5	14°48	13°12	13°40	13° 0	27°36	0°23	29° 3	18°18	22°53	F 14
S 15	5 34 46	22°58'51	17° 6	16°45	12°50	12°51	15° 1	13°13	13°39	13° 2	27°35	0°16	28°59	18°24	22°52	S 15
S 16	5 38 42	23°59'51	1♍19	18°19	12°19	13°38	15°15	13°14	13°38	13° 4	27°34	0°12	28°56	18°31	22°51	S 16
M17	5 42 39	25° 0'52	15°31	19°52	11°50	14°24	15°28	13°14	13°36	13° 6	27°33	0°10	28°53	18°38	22°50	M17
T 18	5 46 36	26° 1'54	29°38	21°26	11°23	15°11	15°41	13°15	13°35	13° 7	27°33	0°D 9	28°50	18°44	22°49	T 18
W19	5 50 32	27° 2'57	13♎40	23° 0	10°58	15°57	15°55	13°16	13°33	13° 9	27°32	0°10	28°47	18°51	22°48	W19
T 20	5 54 29	28° 4'01	27°36	24°34	10°35	16°44	16° 8	13°16	13°32	13°11	27°31	0°R11	28°44	18°58	22°47	T 20
F 21	5 58 25	29° 5'06	11♏26	26° 9	10°14	17°30	16°22	13°17	13°30	13°13	27°30	0°10	28°40	19° 4	22°47	F 21
S 22	6 2 22	0♑ 6'12	25° 8	27°43	9°55	18°17	16°35	13°17	13°28	13°14	27°29	0° 7	28°37	19°11	22°46	S 22
S 23	6 6 18	1° 7'19	8♐41	29°18	9°39	19° 4	16°48	13°17	13°27	13°16	27°28	0° 2	28°34	19°18	22°45	S 23
M24	6 10 15	2° 8'26	22° 4	0♑52	9°25	19°50	17° 2	13°R17	13°25	13°18	27°27	29♎53	28°31	19°24	22°45	M24
T 25	6 14 12	3° 9'34	5♑14	2°27	9°14	20°37	17°15	13°17	13°23	13°19	27°26	29°43	28°28	19°31	22°44	T 25
W26	6 18 8	4°10'42	18° 9	4° 2	9° 5	21°24	17°28	13°17	13°21	13°21	27°25	29°31	28°25	19°38	22°44	W26
T 27	6 22 5	5°11'51	0♒49	5°38	8°59	22°10	17°41	13°16	13°19	13°22	27°24	29°18	28°21	19°44	22°43	T 27
F 28	6 26 1	6°12'59	13°13	7°13	8°55	22°57	17°54	13°16	13°18	13°24	27°23	29° 7	28°18	19°51	22°43	F 28
S 29	6 29 58	7°14'08	25°24	8°49	8°D54	23°44	18° 8	13°16	13°16	13°25	27°23	28°57	28°15	19°58	22°42	S 29
S 30	6 33 54	8°15'17	7♓23	10°25	8°55	24°31	18°21	13°15	13°14	13°27	27°22	28°50	28°12	20° 4	22°42	S 30
M31	6 37 51	9♑16'26	19♓15	12♑ 2	8♐58	25♒17	18♐34	13♍14	13♌12	13♏28	27♉21	28♎46	28♎ 9	20♓11	22♈42	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s45	10s49	4n58	17s57	1n 6	25s13	2s 6	21s 5	1s25	21s40	0n32	8n17	1n40	17n17	0n40	13s58	1n42	5n44	14s17	11s49	11s22	1s57	9n37	0n39
S 2	21 54	7 20	4 34	18 25	0 59	24 57	1 53	20 53	1 25	21 42	0 32	8 16	1 40	17 17	0 40	13 59	1 43	5 44	14 17	11 49	11 21	1 55	9 36	0 39
M 3	22 3	3 36	3 57	18 53	0 52	24 40	1 38	20 42	1 24	21 43	0 32	8 16	1 40	17 17	0 40	14 0	1 43	5 43	14 16	11 48	11 20	1 53	9 35	0 39
T 4	22 11	0n15	3 11	19 20	0 44	24 23	1 24	20 31	1 24	21 45	0 32	8 15	1 40	17 18	0 40	14 0	1 43	5 43	14 16	11 49	11 19	1 51	9 35	0 39
W 5	22 19	4 8	2 16	19 47	0 37	24 5	1 9	20 19	1 23	21 47	0 32	8 14	1 41	17 18	0 40	14 1	1 43	5 43	14 16	11 49	11 18	1 49	9 34	0 39
T 6	22 27	7 53	1 15	20 12	0 30	23 47	0 54	20 7	1 23	21 49	0 32	8 14	1 41	17 18	0 40	14 1	1 43	5 43	14 16	11 50	11 17	1 48	9 33	0 39
F 7	22 34	11 23	0 9	20 37	0 23	23 28	0 38	19 55	1 22	21 51	0 32	8 13	1 41	17 18	0 40	14 2	1 43	5 43	14 16	11 50	11 15	1 46	9 33	0 39
S 8	22 40	14 27	0s58	21 0	0 16	23 9	0 23	19 43	1 21	21 52	0 32	8 13	1 41	17 19	0 40	14 2	1 43	5 43	14 16	11 50	11 14	1 44	9 32	0 38
S 9	22 46	16 54	2 4	21 23	0 9	22 50	0 7	19 30	1 21	21 54	0 32	8 12	1 42	17 19	0 40	14 3	1 43	5 43	14 16	11 49	11 13	1 42	9 31	0 38
M10	22 52	18 32	3 5	21 45	0 2	22 31	0n 9	19 17	1 20	21 56	0 31	8 12	1 42	17 19	0 40	14 3	1 43	5 43	14 16	11 47	11 12	1 40	9 31	0 38
T 11	22 58	19 11	3 57	22 6	0s 5	22 11	0 24	19 4	1 20	21 57	0 31	8 12	1 42	17 20	0 40	14 4	1 43	5 43	14 16	11 45	11 11	1 38	9 30	0 38
W12	23 2	18 44	4 36	22 25	0 12	21 52	0 40	18 51	1 19	21 59	0 31	8 11	1 42	17 20	0 40	14 5	1 43	5 42	14 15	11 42	11 10	1 36	9 30	0 38
T 13	23 7	17 9	5 0	22 44	0 19	21 33	0 55	18 38	1 19	22 1	0 31	8 11	1 43	17 21	0 40	14 5	1 43	5 42	14 15	11 39	11 9	1 34	9 29	0 38
F 14	23 11	14 31	5 6	23 1	0 25	21 14	1 10	18 24	1 18	22 2	0 31	8 11	1 43	17 21	0 40	14 6	1 43	5 42	14 15	11 36	11 8	1 32	9 29	0 38
S 15	23 14	11 2	4 54	23 18	0 32	20 55	1 25	18 11	1 17	22 4	0 31	8 11	1 43	17 21	0 40	14 6	1 43	5 42	14 15	11 34	11 6	1 30	9 28	0 38
S 16	23 17	6 54	4 23	23 33	0 38	20 37	1 39	17 57	1 17	22 5	0 31	8 11	1 43	17 22	0 40	14 7	1 43	5 42	14 15	11 32	11 5	1 28	9 28	0 38
M17	23 20	2 23	3 36	23 47	0 45	20 19	1 53	17 43	1 16	22 7	0 31	8 11	1 44	17 22	0 40	14 7	1 43	5 42	14 15	11 31	11 4	1 26	9 27	0 37
T 18	23 22	2s15	2 36	23 59	0 51	20 2	2 6	17 28	1 15	22 8	0 31	8 11	1 44	17 23	0 40	14 8	1 43	5 42	14 14	11 31	11 3	1 24	9 27	0 37
W19	23 23	6 44	1 27	24 11	0 57	19 46	2 19	17 14	1 15	22 10	0 31	8 11	1 44	17 23	0 40	14 8	1 43	5 42	14 14	11 31	11 2	1 22	9 26	0 37
T 20	23 24	10 50	0 14	24 21	1 3	19 30	2 32	16 59	1 14	22 11	0 31	8 11	1 44	17 24	0 40	14 9	1 43	5 42	14 14	11 31	11 1	1 20	9 26	0 37
F 21	23 25	14 18	1n 0	24 30	1 8	19 16	2 44	16 44	1 14	22 13	0 31	8 11	1 45	17 24	0 40	14 9	1 43	5 42	14 14	11 31	11 0	1 18	9 25	0 37
S 22	23 25	16 56	2 9	24 38	1 14	19 2	2 56	16 29	1 13	22 14	0 31	8 11	1 45	17 25	0 40	14 10	1 43	5 42	14 14	11 30	10 59	1 16	9 25	0 37
S 23	23 25	18 36	3 10	24 44	1 19	18 48	3 6	16 14	1 12	22 16	0 31	8 11	1 45	17 25	0 40	14 10	1 43	5 42	14 14	11 28	10 57	1 14	9 25	0 37
M24	23 24	19 11	4 0	24 49	1 24	18 36	3 17	15 59	1 12	22 17	0 31	8 11	1 45	17 26	0 41	14 10	1 43	5 42	14 13	11 25	10 56	1 12	9 24	0 37
T 25	23 23	18 43	4 36	24 53	1 29	18 25	3 27	15 44	1 11	22 18	0 30	8 12	1 46	17 26	0 41	14 11	1 43	5 42	14 13	11 22	10 55	1 10	9 24	0 37
W26	23 21	17 17	4 57	24 55	1 34	18 14	3 36	15 28	1 10	22 20	0 30	8 12	1 46	17 27	0 41	14 11	1 43	5 42	14 13	11 18	10 54	1 8	9 24	0 36
T 27	23 19	15 2	5 3	24 56	1 38	18 5	3 44	15 12	1 10	22 21	0 30	8 12	1 46	17 27	0 41	14 12	1 43	5 42	14 13	11 13	10 53	1 6	9 24	0 36
F 28	23 16	12 8	4 54	24 55	1 42	17 56	3 53	14 56	1 9	22 22	0 30	8 13	1 46	17 28	0 41	14 12	1 43	5 42	14 12	11 9	10 52	1 4	9 23	0 36
S 29	23 13	8 47	4 32	24 53	1 46	17 49	4 0	14 40	1 8	22 23	0 30	8 13	1 47	17 29	0 41	14 13	1 44	5 42	14 12	11 6	10 51	1 2	9 23	0 36
S 30	23 10	5 7	3 58	24 50	1 50	17 42	4 7	14 24	1 8	22 24	0 30	8 13	1 47	17 29	0 41	14 13	1 44	5 42	14 12	11 3	10 50	1 0	9 23	0 36
M31	23s 6	1s17	3n14	24s45	1s53	17s36	4n14	14s 8	1s 7	22s26	0n30	8n14	1n47	17n30	0n41	14s13	1n44	5n42	14s12	11s 2	10s48	0s58	9n23	0n36

Julian Day Number = 2497534.5, Delta T = 106.59 sec
Ecliptic obliquity = 23°25'14, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°29'59, Lahiri = 25°36'59

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ASTRODIENST EPHEMERIS for the year 2126
geocentric

JANUARY 2126 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 47	10♑17'35	1♈ 3	13♑39	9♐ 4	26♒ 4	18♐47	13°R13	13°R10	13♏30	27°R20	28°R44	28♎ 5	20♓18	22°R42	T 1
W 2	6 45 44	11°18'44	12°53	15°16	9°12	26°51	19° 0	13♍12	13♌ 8	13°31	27♉19	28°D43	28° 2	20°25	22♈42	W 2
T 3	6 49 41	12°19'53	24°51	16°53	9°22	27°37	19°13	13°11	13° 5	13°32	27°19	28°R43	27°59	20°31	22°D42	T 3
F 4	6 53 37	13°21'01	7♉ 2	18°30	9°35	28°24	19°26	13°10	13° 3	13°34	27°18	28♎43	27°56	20°38	22°42	F 4
S 5	6 57 34	14°22'10	19°31	20° 8	9°49	29°11	19°39	13° 9	13° 1	13°35	27°17	28°41	27°53	20°45	22°42	S 5
S 6	7 1 30	15°23'18	2♊22	21°46	10° 6	29°58	19°52	13° 7	12°59	13°36	27°16	28°37	27°50	20°51	22°42	S 6
M 7	7 5 27	16°24'26	15°39	23°25	10°25	0♓44	20° 4	13° 6	12°57	13°38	27°16	28°30	27°46	20°58	22°42	M 7
T 8	7 9 23	17°25'34	29°20	25° 4	10°46	1°31	20°17	13° 4	12°54	13°39	27°15	28°21	27°43	21° 5	22°43	T 8
W 9	7 13 20	18°26'42	13♋26	26°43	11° 8	2°18	20°30	13° 3	12°52	13°40	27°14	28° 9	27°40	21°11	22°43	W 9
T 10	7 17 16	19°27'49	27°50	28°22	11°33	3° 4	20°43	13° 1	12°50	13°41	27°14	27°57	27°37	21°18	22°43	T 10
F 11	7 21 13	20°28'57	12♌26	0♒ 1	11°59	3°51	20°55	12°59	12°47	13°42	27°13	27°45	27°34	21°25	22°44	F 11
S 12	7 25 10	21°30'04	27° 7	1°40	12°27	4°38	21° 8	12°57	12°45	13°44	27°12	27°35	27°31	21°31	22°44	S 12
S 13	7 29 6	22°31'11	11♍44	3°20	12°57	5°25	21°20	12°55	12°43	13°45	27°12	27°28	27°27	21°38	22°45	S 13
M14	7 33 3	23°32'18	26°13	4°59	13°28	6°11	21°33	12°53	12°40	13°46	27°11	27°23	27°24	21°45	22°45	M14
T 15	7 36 59	24°33'25	10♎29	6°38	14° 1	6°58	21°45	12°50	12°38	13°47	27°11	27°21	27°21	21°51	22°46	T 15
W16	7 40 56	25°34'32	24°31	8°17	14°35	7°44	21°58	12°48	12°35	13°48	27°10	27°21	27°18	21°58	22°47	W16
T 17	7 44 52	26°35'39	8♏19	9°56	15°10	8°31	22°10	12°45	12°33	13°49	27°10	27°21	27°15	22° 5	22°47	T 17
F 18	7 48 49	27°36'46	21°52	11°34	15°47	9°18	22°22	12°43	12°30	13°50	27° 9	27°20	27°11	22°11	22°48	F 18
S 19	7 52 45	28°37'53	5♐14	13°11	16°26	10° 4	22°35	12°40	12°28	13°51	27° 9	27°16	27° 8	22°18	22°49	S 19
S 20	7 56 42	29°38'59	18°24	14°47	17° 5	10°51	22°47	12°37	12°25	13°51	27° 8	27° 9	27° 5	22°25	22°50	S 20
M21	8 0 39	0♒40'06	1♑23	16°21	17°46	11°38	22°59	12°34	12°23	13°52	27° 8	26°59	27° 2	22°31	22°51	M21
T 22	8 4 35	1°41'11	14°11	17°54	18°28	12°24	23°11	12°31	12°20	13°53	27° 7	26°47	26°59	22°38	22°52	T 22
W23	8 8 32	2°42'17	26°49	19°25	19°10	13°11	23°23	12°28	12°18	13°54	27° 7	26°33	26°56	22°45	22°53	W23
T 24	8 12 28	3°43'21	9♒14	20°53	19°54	13°57	23°35	12°25	12°15	13°55	27° 7	26°18	26°52	22°51	22°54	T 24
F 25	8 16 25	4°44'25	21°29	22°19	20°39	14°44	23°46	12°22	12°12	13°55	27° 6	26° 5	26°49	22°58	22°56	F 25
S 26	8 20 21	5°45'28	3♓33	23°40	21°25	15°30	23°58	12°19	12°10	13°56	27° 6	25°53	26°46	23° 5	22°57	S 26
S 27	8 24 18	6°46'30	15°29	24°57	22°12	16°17	24°10	12°15	12° 7	13°57	27° 6	25°44	26°43	23°11	22°58	S 27
M28	8 28 14	7°47'31	27°18	26°10	23° 0	17° 3	24°21	12°12	12° 5	13°57	27° 5	25°37	26°40	23°18	23° 0	M28
T 29	8 32 11	8°48'31	9♈ 5	27°16	23°49	17°50	24°33	12° 8	12° 2	13°58	27° 5	25°34	26°37	23°25	23° 1	T 29
W30	8 36 8	9°49'30	20°53	28°16	24°38	18°36	24°44	12° 5	11°59	13°58	27° 5	25°D33	26°33	23°31	23° 3	W30
T 31	8 40 4	10♒50'28	2♉49	29♒ 9	25♐28	19♓23	24♐56	12♍ 1	11♌57	13♏59	27♉ 5	25♎33	26♎30	23♓38	23♈ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 1	2n35	2n22	24s39	1s56	17s31	4n20	13s51	1s 6	22s27	0n30	8n15	1n47	17n30	0n41	14s14	1n44	5n42	14s12	11s 1	10s47	0s56	9n23	0n36
W 2	22 56	6 22	1 23	24 31	1 59	17 27	4 25	13 35	1 5	22 28	0 30	8 15	1 48	17 31	0 41	14 14	1 44	5 42	14 11	11 1	10 46	0 54	9 22	0 36
T 3	22 51	9 56	0 21	24 22	2 1	17 23	4 30	13 18	1 5	22 29	0 30	8 16	1 48	17 32	0 41	14 14	1 44	5 42	14 11	11 1	10 45	0 52	9 22	0 36
F 4	22 45	13 9	0s44	24 11	2 3	17 21	4 34	13 1	1 4	22 30	0 30	8 16	1 48	17 32	0 41	14 15	1 44	5 43	14 11	11 1	10 44	0 50	9 22	0 35
S 5	22 39	15 52	1 48	23 58	2 5	17 19	4 39	12 44	1 3	22 31	0 30	8 17	1 48	17 33	0 41	14 15	1 44	5 43	14 11	11 0	10 43	0 48	9 22	0 35
S 6	22 32	17 52	2 48	23 45	2 6	17 18	4 42	12 27	1 3	22 32	0 30	8 18	1 49	17 34	0 41	14 15	1 44	5 43	14 10	10 59	10 42	0 46	9 22	0 35
M 7	22 25	18 59	3 41	23 29	2 7	17 17	4 45	12 10	1 2	22 33	0 30	8 19	1 49	17 34	0 41	14 16	1 44	5 43	14 10	10 56	10 40	0 44	9 22	0 35
T 8	22 17	19 2	4 23	23 12	2 8	17 17	4 48	11 53	1 1	22 34	0 30	8 20	1 49	17 35	0 41	14 16	1 44	5 43	14 10	10 53	10 39	0 42	9 22	0 35
W 9	22 9	17 55	4 51	22 54	2 8	17 18	4 50	11 35	1 1	22 35	0 30	8 20	1 49	17 36	0 41	14 16	1 44	5 43	14 10	10 49	10 38	0 40	9 22	0 35
T 10	22 1	15 40	5 0	22 34	2 8	17 19	4 52	11 18	1 0	22 36	0 30	8 21	1 50	17 36	0 41	14 17	1 44	5 43	14 9	10 44	10 37	0 38	9 22	0 35
F 11	21 52	12 24	4 51	22 12	2 7	17 21	4 54	11 0	0 59	22 37	0 30	8 22	1 50	17 37	0 41	14 17	1 44	5 43	14 9	10 40	10 36	0 36	9 22	0 35
S 12	21 42	8 21	4 22	21 49	2 6	17 23	4 55	10 43	0 58	22 38	0 30	8 23	1 50	17 38	0 41	14 17	1 44	5 43	14 9	10 36	10 35	0 35	9 22	0 35
S 13	21 32	3 49	3 36	21 24	2 4	17 26	4 56	10 25	0 58	22 39	0 30	8 24	1 50	17 38	0 41	14 18	1 44	5 44	14 9	10 34	10 34	0 33	9 22	0 35
M14	21 22	0s54	2 37	20 58	2 2	17 29	4 57	10 7	0 57	22 40	0 29	8 25	1 51	17 39	0 41	14 18	1 44	5 44	14 8	10 32	10 32	0 31	9 23	0 34
T 15	21 12	5 30	1 28	20 31	1 59	17 32	4 57	9 49	0 56	22 40	0 29	8 27	1 51	17 40	0 41	14 18	1 44	5 44	14 8	10 31	10 31	0 29	9 23	0 34
W16	21 1	9 44	0 15	20 2	1 55	17 36	4 58	9 31	0 55	22 41	0 29	8 28	1 51	17 40	0 41	14 18	1 44	5 44	14 8	10 31	10 30	0 27	9 23	0 34
T 17	20 49	13 21	0n58	19 32	1 51	17 40	4 57	9 13	0 55	22 42	0 29	8 29	1 51	17 41	0 41	14 19	1 45	5 44	14 7	10 31	10 29	0 25	9 23	0 34
F 18	20 37	16 12	2 6	19 0	1 46	17 45	4 57	8 55	0 54	22 43	0 29	8 30	1 52	17 42	0 41	14 19	1 45	5 44	14 7	10 31	10 28	0 23	9 23	0 34
S 19	20 25	18 7	3 6	18 27	1 40	17 49	4 56	8 36	0 53	22 44	0 29	8 31	1 52	17 43	0 41	14 19	1 45	5 45	14 7	10 29	10 27	0 21	9 24	0 34
S 20	20 12	19 1	3 55	17 53	1 34	17 54	4 55	8 18	0 52	22 44	0 29	8 33	1 52	17 43	0 41	14 19	1 45	5 45	14 7	10 27	10 26	0 19	9 24	0 34
M21	19 59	18 54	4 31	17 18	1 27	17 59	4 54	8 0	0 52	22 45	0 29	8 34	1 52	17 44	0 41	14 19	1 45	5 45	14 6	10 24	10 24	0 17	9 24	0 34
T 22	19 46	17 49	4 53	16 43	1 19	18 4	4 53	7 41	0 51	22 46	0 29	8 35	1 52	17 45	0 41	14 20	1 45	5 45	14 6	10 19	10 23	0 15	9 24	0 34
W23	19 32	15 52	5 0	16 6	1 10	18 9	4 51	7 23	0 50	22 46	0 29	8 37	1 53	17 45	0 41	14 20	1 45	5 45	14 6	10 14	10 22	0 13	9 25	0 33
T 24	19 18	13 13	4 52	15 29	1 1	18 14	4 49	7 4	0 50	22 47	0 29	8 38	1 53	17 46	0 41	14 20	1 45	5 46	14 5	10 9	10 21	0 11	9 25	0 33
F 25	19 4	10 2	4 31	14 52	0 50	18 19	4 47	6 46	0 49	22 47	0 29	8 39	1 53	17 47	0 41	14 20	1 45	5 46	14 5	10 4	10 20	0 9	9 25	0 33
S 26	18 49	6 29	3 58	14 14	0 39	18 24	4 45	6 27	0 48	22 48	0 29	8 41	1 53	17 48	0 41	14 20	1 45	5 46	14 5	9 59	10 19	0 7	9 26	0 33
S 27	18 34	2 43	3 15	13 37	0 27	18 30	4 42	6 8	0 47	22 49	0 29	8 42	1 54	17 48	0 41	14 20	1 45	5 46	14 4	9 56	10 18	0 5	9 26	0 33
M28	18 18	1n 8	2 24	13 0	0 14	18 35	4 40	5 49	0 47	22 49	0 29	8 44	1 54	17 49	0 41	14 20	1 45	5 46	14 4	9 54	10 16	0 3	9 27	0 33
T 29	18 3	4 55	1 26	12 25	0n 0	18 40	4 37	5 31	0 46	22 50	0 29	8 45	1 54	17 50	0 41	14 21	1 45	5 47	14 4	9 53	10 15	0 1	9 27	0 33
W30	17 46	8 32	0 25	11 50	0 15	18 45	4 34	5 12	0 45	22 50	0 29	8 47	1 54	17 51	0 41	14 21	1 45	5 47	14 4	9 52	10 14	0n 1	9 27	0 33
T 31	17s30	11n50	0s39	11s17	0n30	18s50	4n31	4s53	0s44	22s51	0n29	8n49	1n54	17n51	0n41	14s21	1n45	5n47	14s 3	9s52	10s13	0n 3	9n28	0n33

Julian Day Number = 2497565.5, Delta T = 106.63 sec
Ecliptic obliquity = 23°25'14, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°30'03, Lahiri = 25°37'03

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ASTRODIENST EPHEMERIS for the year 2126
geocentric

FEBRUARY 2126 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 44 1	11♒51'25	14♉56	29♒53	26♐19	20♓ 9	25♐ 7	11°R57	11°R54	13♏59	27°R 4	25°R33	26♎27	23♓45	23♈ 6	F 1
S 2	8 47 57	12°52'20	27°22	0♓29	27°11	20°55	25°18	11♍53	11♌51	14° 0	27♉ 4	25♎32	26°24	23°51	23° 7	S 2
S 3	8 51 54	13°53'15	10♊10	0°54	28° 3	21°42	25°29	11°49	11°49	14° 0	27° 4	25°29	26°21	23°58	23° 9	S 3
M 4	8 55 50	14°54'08	23°26	1° 9	28°56	22°28	25°40	11°45	11°46	14° 0	27° 4	25°24	26°17	24° 5	23°11	M 4
T 5	8 59 47	15°54'59	7♋10	1°R14	29°50	23°14	25°51	11°41	11°44	14° 1	27° 4	25°16	26°14	24°11	23°13	T 5
W 6	9 3 43	16°55'50	21°23	1° 7	0♌44	24° 1	26° 2	11°37	11°41	14° 1	27° 4	25° 6	26°11	24°18	23°14	W 6
T 7	9 7 40	17°56'39	6♌ 1	0°49	1°39	24°47	26°13	11°33	11°38	14° 1	27° 4	24°55	26° 8	24°25	23°16	T 7
F 8	9 11 37	18°57'27	20°56	0°21	2°35	25°33	26°23	11°29	11°36	14° 2	27° 4	24°45	26° 5	24°31	23°18	F 8
S 9	9 15 33	19°58'13	6♍ 0	29♒42	3°31	26°19	26°34	11°25	11°33	14° 2	27° 4	24°36	26° 2	24°38	23°20	S 9
S 10	9 19 30	20°58'59	21° 3	28°54	4°28	27° 5	26°44	11°20	11°31	14° 2	27°D 4	24°29	25°58	24°45	23°22	S 10
M11	9 23 26	21°59'43	5♎56	27°57	5°25	27°51	26°55	11°16	11°28	14° 2	27° 4	24°25	25°55	24°51	23°24	M11
T 12	9 27 23	23° 0'27	20°32	26°55	6°23	28°37	27° 5	11°11	11°25	14° 2	27° 4	24°D24	25°52	24°58	23°26	T 12
W13	9 31 19	24° 1'09	4♏47	25°48	7°21	29°24	27°15	11° 7	11°23	14° 2	27° 4	24°24	25°49	25° 5	23°29	W13
T 14	9 35 16	25° 1'50	18°41	24°38	8°20	0♈10	27°25	11° 3	11°20	14°R 2	27° 4	24°R25	25°46	25°11	23°31	T 14
F 15	9 39 12	26° 2'31	2♐13	23°28	9°19	0°56	27°35	10°58	11°18	14° 2	27° 4	24°25	25°43	25°18	23°33	F 15
S 16	9 43 9	27° 3'10	15°27	22°18	10°18	1°41	27°45	10°53	11°15	14° 2	27° 4	24°23	25°39	25°25	23°35	S 16
S 17	9 47 6	28° 3'48	28°24	21°12	11°18	2°27	27°55	10°49	11°13	14° 2	27° 4	24°19	25°36	25°31	23°38	S 17
M18	9 51 2	29° 4'25	11♑ 7	20°10	12°18	3°13	28° 5	10°44	11°10	14° 2	27° 4	24°13	25°33	25°38	23°40	M18
T 19	9 54 59	0♓ 5'01	23°38	19°13	13°19	3°59	28°14	10°39	11° 8	14° 2	27° 5	24° 4	25°30	25°45	23°42	T 19
W20	9 58 55	1° 5'35	5♒58	18°22	14°20	4°45	28°24	10°35	11° 5	14° 2	27° 5	23°54	25°27	25°51	23°45	W20
T 21	10 2 52	2° 6'08	18° 9	17°39	15°22	5°31	28°33	10°30	11° 3	14° 1	27° 5	23°43	25°23	25°58	23°47	T 21
F 22	10 6 48	3° 6'40	0♓12	17° 3	16°24	6°17	28°42	10°25	11° 1	14° 1	27° 5	23°33	25°20	26° 5	23°50	F 22
S 23	10 10 45	4° 7'10	12° 8	16°34	17°26	7° 2	28°51	10°20	10°58	14° 1	27° 5	23°25	25°17	26°11	23°53	S 23
S 24	10 14 41	5° 7'38	23°59	16°13	18°28	7°48	29° 0	10°16	10°56	14° 1	27° 6	23°18	25°14	26°18	23°55	S 24
M25	10 18 38	6° 8'04	5♈47	16° 0	19°31	8°34	29° 9	10°11	10°54	14° 0	27° 6	23°14	25°11	26°25	23°58	M25
T 26	10 22 34	7° 8'29	17°34	15°D54	20°34	9°19	29°18	10° 6	10°51	14° 0	27° 6	23°D12	25° 8	26°31	24° 1	T 26
W27	10 26 31	8° 8'52	29°23	15°54	21°37	10° 5	29°26	10° 1	10°49	13°59	27° 7	23°12	25° 4	26°38	24° 3	W27
T 28	10 30 28	9♓ 9'13	11♉19	16♒ 1	22♑41	10♈50	29♐35	9♍56	10♌47	13♏59	27♉ 7	23♎14	25♎ 1	26♓45	24♈ 6	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s13	14n42	1s41	10s47	0n46	18s54	4n28	4s34	0s43	22s51	0n29	8n50	1n55	17n52	0n41	14s21	1n45	5n48	14s 3	9s52	10s12	0n 5	9n28	0n33
S 2	16 56	16 57	2 41	10 19	1 3	18 59	4 25	4 15	0 43	22 51	0 29	8 52	1 55	17 53	0 41	14 21	1 45	5 48	14 3	9 52	10 11	0 7	9 29	0 32
S 3	16 39	18 26	3 34	9 54	1 20	19 3	4 21	3 56	0 42	22 52	0 29	8 54	1 55	17 54	0 41	14 21	1 46	5 48	14 2	9 51	10 10	0 8	9 29	0 32
M 4	16 21	18 58	4 18	9 32	1 37	19 7	4 18	3 37	0 41	22 52	0 29	8 55	1 55	17 54	0 41	14 21	1 46	5 48	14 2	9 49	10 8	0 10	9 30	0 32
T 5	16 3	18 26	4 48	9 15	1 54	19 11	4 14	3 18	0 40	22 53	0 29	8 57	1 55	17 55	0 41	14 21	1 46	5 49	14 2	9 46	10 7	0 12	9 31	0 32
W 6	15 45	16 45	5 2	9 1	2 11	19 15	4 10	2 59	0 40	22 53	0 29	8 59	1 55	17 56	0 41	14 21	1 46	5 49	14 1	9 42	10 6	0 14	9 31	0 32
T 7	15 26	13 57	4 57	8 52	2 28	19 18	4 6	2 40	0 39	22 53	0 29	9 0	1 56	17 57	0 41	14 21	1 46	5 49	14 1	9 38	10 5	0 16	9 32	0 32
F 8	15 8	10 12	4 32	8 48	2 43	19 22	4 2	2 21	0 38	22 54	0 29	9 2	1 56	17 57	0 41	14 21	1 46	5 50	14 1	9 35	10 4	0 18	9 32	0 32
S 9	14 49	5 46	3 48	8 48	2 57	19 24	3 58	2 2	0 37	22 54	0 29	9 4	1 56	17 58	0 41	14 21	1 46	5 50	14 0	9 31	10 3	0 20	9 33	0 32
S 10	14 29	0 58	2 48	8 53	3 10	19 27	3 54	1 43	0 37	22 54	0 29	9 6	1 56	17 59	0 41	14 21	1 46	5 50	14 0	9 29	10 1	0 22	9 34	0 32
M11	14 10	3s50	1 37	9 2	3 21	19 29	3 50	1 24	0 36	22 55	0 29	9 8	1 56	17 59	0 41	14 21	1 46	5 50	14 0	9 28	10 0	0 24	9 34	0 32
T 12	13 50	8 20	0 21	9 15	3 30	19 31	3 45	1 5	0 35	22 55	0 28	9 9	1 56	18 0	0 41	14 21	1 46	5 51	13 59	9 27	9 59	0 26	9 35	0 31
W13	13 30	12 14	0n55	9 31	3 36	19 32	3 41	0 46	0 34	22 55	0 28	9 11	1 57	18 1	0 41	14 21	1 46	5 51	13 59	9 27	9 58	0 28	9 36	0 31
T 14	13 10	15 21	2 6	9 50	3 40	19 33	3 36	0 27	0 34	22 55	0 28	9 13	1 57	18 2	0 41	14 21	1 46	5 51	13 59	9 27	9 57	0 30	9 36	0 31
F 15	12 50	17 31	3 8	10 11	3 42	19 34	3 32	0 8	0 33	22 56	0 28	9 15	1 57	18 2	0 41	14 21	1 46	5 52	13 58	9 27	9 56	0 32	9 37	0 31
S 16	12 29	18 41	3 58	10 34	3 42	19 35	3 27	0n11	0 32	22 56	0 28	9 17	1 57	18 3	0 41	14 21	1 46	5 52	13 58	9 27	9 55	0 34	9 38	0 31
S 17	12 8	18 49	4 35	10 58	3 39	19 34	3 23	0 30	0 31	22 56	0 28	9 19	1 57	18 4	0 41	14 21	1 46	5 52	13 58	9 25	9 53	0 36	9 39	0 31
M18	11 47	18 1	4 58	11 22	3 34	19 34	3 18	0 49	0 31	22 56	0 28	9 21	1 57	18 4	0 41	14 21	1 46	5 53	13 57	9 23	9 52	0 38	9 40	0 31
T 19	11 26	16 20	5 6	11 46	3 27	19 33	3 13	1 8	0 30	22 56	0 28	9 22	1 57	18 5	0 41	14 21	1 46	5 53	13 57	9 20	9 51	0 40	9 40	0 31
W20	11 5	13 56	4 59	12 9	3 19	19 32	3 8	1 26	0 29	22 56	0 28	9 24	1 57	18 6	0 41	14 20	1 47	5 53	13 57	9 16	9 50	0 41	9 41	0 31
T 21	10 43	10 57	4 39	12 32	3 9	19 30	3 4	1 45	0 28	22 57	0 28	9 26	1 58	18 6	0 41	14 20	1 47	5 54	13 57	9 12	9 49	0 43	9 42	0 31
F 22	10 21	7 33	4 6	12 53	2 58	19 28	2 59	2 4	0 28	22 57	0 28	9 28	1 58	18 7	0 41	14 20	1 47	5 54	13 56	9 8	9 48	0 45	9 43	0 30
S 23	9 59	3 52	3 23	13 13	2 46	19 25	2 54	2 23	0 27	22 57	0 28	9 30	1 58	18 8	0 41	14 20	1 47	5 55	13 56	9 5	9 46	0 47	9 44	0 30
S 24	9 37	0 4	2 31	13 31	2 34	19 22	2 49	2 42	0 26	22 57	0 28	9 32	1 58	18 8	0 41	14 20	1 47	5 55	13 56	9 3	9 45	0 49	9 45	0 30
M25	9 15	3n43	1 33	13 47	2 21	19 18	2 44	3 0	0 25	22 57	0 28	9 34	1 58	18 9	0 41	14 20	1 47	5 55	13 55	9 1	9 44	0 51	9 46	0 30
T 26	8 53	7 22	0 31	14 1	2 8	19 14	2 39	3 19	0 25	22 57	0 28	9 36	1 58	18 9	0 41	14 20	1 47	5 56	13 55	9 1	9 43	0 53	9 46	0 30
W27	8 30	10 43	0s33	14 14	1 55	19 9	2 34	3 37	0 24	22 57	0 28	9 38	1 58	18 10	0 41	14 19	1 47	5 56	13 55	9 1	9 42	0 55	9 47	0 30
T 28	8s 8	13n41	1s37	14s24	1n42	19s 4	2n29	3n56	0s23	22s57	0n28	9n40	1n58	18n11	0n41	14s19	1n47	5n56	13s54	9s 1	9s41	0n57	9n48	0n30

Julian Day Number = 2497596.5, Delta T = 106.68 sec
Ecliptic obliquity = 23°25'14, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°30'07, Lahiri = 25°37'08

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ASTRODIENST EPHEMERIS for the year 2126
geocentric

MARCH 2126 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 34 24	10♓ 9'32	23♉26	16♒15	23♑45	11♈36	29♐43	9°R52	10°R45	13°R58	27♉ 8	23♎15	24♎58	26♓51	24♈ 9	F 1
S 2	10 38 21	11° 9'49	5♊49	16°34	24°49	12°21	29°51	9♍47	10♌43	13♏58	27° 8	23°R16	24°55	26°58	24°12	S 2
S 3	10 42 17	12°10'04	18°32	16°58	25°53	13° 7	29°59	9°42	10°40	13°57	27° 8	23°16	24°52	27° 5	24°15	S 3
M 4	10 46 14	13°10'18	1♋41	17°28	26°58	13°52	0♑ 7	9°37	10°38	13°57	27° 9	23°14	24°48	27°11	24°18	M 4
T 5	10 50 10	14°10'29	15°18	18° 2	28° 3	14°37	0°15	9°32	10°36	13°56	27° 9	23°11	24°45	27°18	24°20	T 5
W 6	10 54 7	15°10'38	29°24	18°40	29° 8	15°23	0°23	9°28	10°34	13°56	27°10	23° 6	24°42	27°25	24°23	W 6
T 7	10 58 3	16°10'45	13♌58	19°23	0♒13	16° 8	0°30	9°23	10°32	13°55	27°10	23° 1	24°39	27°31	24°26	T 7
F 8	11 2 0	17°10'50	28°55	20° 9	1°18	16°53	0°38	9°18	10°30	13°54	27°11	22°55	24°36	27°38	24°30	F 8
S 9	11 5 57	18°10'53	14♍ 6	20°59	2°24	17°38	0°45	9°13	10°28	13°54	27°12	22°50	24°33	27°45	24°33	S 9
S 10	11 9 53	19°10'54	29°22	21°52	3°30	18°23	0°52	9° 9	10°26	13°53	27°12	22°47	24°29	27°51	24°36	S 10
M11	11 13 50	20°10'53	14♎32	22°48	4°36	19° 8	0°59	9° 4	10°25	13°52	27°13	22°45	24°26	27°58	24°39	M11
T 12	11 17 46	21°10'50	29°27	23°47	5°42	19°53	1° 6	8°59	10°23	13°51	27°13	22°D45	24°23	28° 5	24°42	T 12
W13	11 21 43	22°10'46	14♏ 0	24°48	6°49	20°38	1°13	8°55	10°21	13°50	27°14	22°46	24°20	28°11	24°45	W13
T 14	11 25 39	23°10'40	28° 9	25°52	7°55	21°23	1°19	8°50	10°19	13°50	27°15	22°48	24°17	28°18	24°48	T 14
F 15	11 29 36	24°10'33	11♐51	26°59	9° 2	22° 8	1°26	8°45	10°18	13°49	27°15	22°49	24°14	28°24	24°52	F 15
S 16	11 33 32	25°10'24	25° 9	28° 8	10° 9	22°53	1°32	8°41	10°16	13°48	27°16	22°R50	24°10	28°31	24°55	S 16
S 17	11 37 29	26°10'13	8♑ 5	29°18	11°16	23°38	1°38	8°36	10°14	13°47	27°17	22°49	24° 7	28°38	24°58	S 17
M18	11 41 26	27°10'01	20°42	0♓31	12°24	24°23	1°44	8°32	10°13	13°46	27°17	22°47	24° 4	28°44	25° 1	M18
T 19	11 45 22	28° 9'47	3♒ 4	1°46	13°31	25° 7	1°50	8°27	10°11	13°45	27°18	22°44	24° 1	28°51	25° 5	T 19
W20	11 49 19	29° 9'31	15°13	3° 2	14°39	25°52	1°55	8°23	10°10	13°44	27°19	22°41	23°58	28°58	25° 8	W20
T 21	11 53 15	0♈ 9'13	27°14	4°21	15°47	26°37	2° 1	8°19	10° 8	13°43	27°20	22°37	23°54	29° 4	25°11	T 21
F 22	11 57 12	1° 8'54	9♓ 8	5°41	16°54	27°21	2° 6	8°15	10° 7	13°42	27°21	22°33	23°51	29°11	25°15	F 22
S 23	12 1 8	2° 8'32	20°58	7° 2	18° 2	28° 6	2°11	8°10	10° 6	13°41	27°21	22°30	23°48	29°18	25°18	S 23
S 24	12 5 5	3° 8'09	2♈46	8°25	19°11	28°50	2°16	8° 6	10° 4	13°39	27°22	22°28	23°45	29°24	25°22	S 24
M25	12 9 1	4° 7'43	14°34	9°50	20°19	29°35	2°21	8° 2	10° 3	13°38	27°23	22°26	23°42	29°31	25°25	M25
T 26	12 12 58	5° 7'16	26°24	11°17	21°27	0♉19	2°25	7°58	10° 2	13°37	27°24	22°D26	23°39	29°38	25°29	T 26
W27	12 16 54	6° 6'46	8♉19	12°44	22°36	1° 3	2°30	7°54	10° 1	13°36	27°25	22°27	23°35	29°44	25°32	W27
T 28	12 20 51	7° 6'14	20°21	14°14	23°44	1°48	2°34	7°50	10° 0	13°35	27°26	22°28	23°32	29°51	25°36	T 28
F 29	12 24 48	8° 5'40	2♊33	15°44	24°53	2°32	2°38	7°46	9°59	13°33	27°27	22°29	23°29	29°58	25°39	F 29
S 30	12 28 44	9° 5'04	15° 0	17°16	26° 2	3°16	2°42	7°43	9°58	13°32	27°28	22°31	23°26	0♈ 4	25°43	S 30
S 31	12 32 41	10♈ 4'26	27♊44	18♓50	27♒11	4♉ 0	2♑46	7♍39	9♌57	13♏31	27♉29	22♎31	23♎23	0♈11	25♈46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s45	16n 5	2s37	14s33	1n28	18s59	2n24	4n14	0s22	22s57	0n28	9n42	1n58	18n11	0n41	14s19	1n47	5n57	13s54	9s 2	9s40	0n59	9n49	0n30
S 2	7 22	17 48	3 31	14 40	1 15	18 53	2 19	4 33	0 22	22 57	0 28	9 43	1 58	18 12	0 41	14 19	1 47	5 57	13 54	9 2	9 38	1 1	9 50	0 30
S 3	6 59	18 40	4 16	14 45	1 2	18 46	2 13	4 51	0 21	22 57	0 28	9 45	1 58	18 12	0 41	14 19	1 47	5 58	13 53	9 2	9 37	1 3	9 51	0 30
M 4	6 36	18 35	4 50	14 48	0 50	18 39	2 8	5 10	0 20	22 57	0 28	9 47	1 58	18 13	0 41	14 18	1 47	5 58	13 53	9 1	9 36	1 5	9 52	0 30
T 5	6 13	17 26	5 8	14 49	0 37	18 31	2 3	5 28	0 19	22 57	0 28	9 49	1 59	18 13	0 41	14 18	1 47	5 58	13 53	9 0	9 35	1 7	9 53	0 29
W 6	5 50	15 13	5 9	14 49	0 25	18 23	1 58	5 46	0 19	22 57	0 28	9 51	1 59	18 14	0 41	14 18	1 47	5 59	13 52	8 58	9 34	1 8	9 54	0 29
T 7	5 27	11 59	4 51	14 47	0 14	18 15	1 53	6 4	0 18	22 57	0 28	9 53	1 59	18 15	0 41	14 18	1 47	5 59	13 52	8 56	9 33	1 10	9 55	0 29
F 8	5 4	7 54	4 12	14 43	0 2	18 6	1 48	6 22	0 17	22 57	0 28	9 55	1 59	18 15	0 41	14 17	1 47	6 0	13 52	8 54	9 31	1 12	9 56	0 29
S 9	4 40	3 14	3 16	14 38	0s 9	17 56	1 43	6 40	0 16	22 57	0 28	9 56	1 59	18 16	0 41	14 17	1 47	6 0	13 52	8 52	9 30	1 14	9 57	0 29
S 10	4 17	1s39	2 4	14 31	0 19	17 46	1 38	6 58	0 16	22 57	0 28	9 58	1 59	18 16	0 41	14 17	1 48	6 0	13 51	8 51	9 29	1 16	9 58	0 29
M11	3 53	6 25	0 45	14 22	0 29	17 35	1 33	7 16	0 15	22 57	0 28	10 0	1 59	18 17	0 41	14 17	1 48	6 1	13 51	8 51	9 28	1 18	9 59	0 29
T 12	3 30	10 42	0n37	14 12	0 39	17 24	1 28	7 33	0 14	22 57	0 28	10 2	1 59	18 17	0 41	14 16	1 48	6 1	13 51	8 51	9 27	1 20	10 1	0 29
W13	3 6	14 13	1 54	14 0	0 48	17 13	1 23	7 51	0 13	22 57	0 28	10 4	1 59	18 17	0 41	14 16	1 48	6 2	13 50	8 51	9 26	1 22	10 2	0 29
T 14	2 42	16 46	3 2	13 47	0 57	17 1	1 18	8 8	0 13	22 57	0 28	10 5	1 59	18 18	0 41	14 16	1 48	6 2	13 50	8 52	9 24	1 24	10 3	0 29
F 15	2 19	18 16	3 58	13 32	1 6	16 48	1 13	8 26	0 12	22 57	0 28	10 7	1 59	18 18	0 41	14 15	1 48	6 3	13 50	8 52	9 23	1 26	10 4	0 29
S 16	1 55	18 42	4 39	13 16	1 14	16 35	1 8	8 43	0 11	22 57	0 28	10 9	1 59	18 19	0 41	14 15	1 48	6 3	13 50	8 52	9 22	1 28	10 5	0 29
S 17	1 31	18 7	5 4	12 59	1 21	16 22	1 3	9 0	0 10	22 57	0 28	10 10	1 59	18 19	0 41	14 15	1 48	6 3	13 49	8 52	9 21	1 30	10 6	0 28
M18	1 8	16 39	5 14	12 40	1 29	16 8	0 59	9 17	0 10	22 57	0 28	10 12	1 59	18 20	0 41	14 14	1 48	6 4	13 49	8 51	9 20	1 31	10 7	0 28
T 19	0 44	14 26	5 9	12 19	1 35	15 53	0 54	9 34	0 9	22 57	0 28	10 14	1 59	18 20	0 41	14 14	1 48	6 4	13 49	8 50	9 19	1 33	10 8	0 28
W20	0 20	11 37	4 51	11 58	1 42	15 39	0 49	9 51	0 8	22 57	0 28	10 15	1 59	18 20	0 41	14 14	1 48	6 5	13 48	8 49	9 17	1 35	10 9	0 28
T 21	0n 4	8 22	4 19	11 35	1 48	15 23	0 44	10 8	0 8	22 57	0 28	10 17	1 59	18 21	0 41	14 13	1 48	6 5	13 48	8 47	9 16	1 37	10 11	0 28
F 22	0 27	4 47	3 37	11 11	1 53	15 7	0 40	10 25	0 7	22 57	0 28	10 19	1 59	18 21	0 41	14 13	1 48	6 6	13 48	8 46	9 15	1 39	10 12	0 28
S 23	0 51	1 3	2 45	10 45	1 58	14 51	0 35	10 42	0 6	22 56	0 28	10 20	1 59	18 21	0 41	14 13	1 48	6 6	13 48	8 45	9 14	1 41	10 13	0 28
S 24	1 15	2n44	1 47	10 18	2 3	14 35	0 31	10 58	0 5	22 56	0 28	10 22	1 59	18 22	0 41	14 12	1 48	6 6	13 47	8 44	9 13	1 43	10 14	0 28
M25	1 38	6 24	0 43	9 50	2 7	14 18	0 26	11 14	0 5	22 56	0 28	10 23	1 59	18 22	0 41	14 12	1 48	6 7	13 47	8 44	9 12	1 45	10 15	0 28
T 26	2 2	9 50	0s22	9 21	2 11	14 0	0 22	11 31	0 4	22 56	0 28	10 25	1 59	18 22	0 41	14 11	1 48	6 7	13 47	8 44	9 10	1 47	10 17	0 28
W27	2 26	12 54	1 27	8 50	2 14	13 42	0 17	11 47	0 3	22 56	0 28	10 26	1 59	18 23	0 41	14 11	1 48	6 8	13 47	8 44	9 9	1 49	10 18	0 28
T 28	2 49	15 26	2 29	8 18	2 17	13 24	0 13	12 3	0 3	22 56	0 28	10 28	1 59	18 23	0 41	14 11	1 48	6 8	13 46	8 44	9 8	1 50	10 19	0 28
F 29	3 12	17 19	3 25	7 45	2 19	13 5	0 8	12 19	0 2	22 56	0 28	10 29	1 59	18 23	0 41	14 10	1 48	6 9	13 46	8 45	9 7	1 52	10 20	0 27
S 30	3 36	18 24	4 12	7 11	2 21	12 46	0 4	12 34	0 1	22 56	0 28	10 30	1 59	18 23	0 41	14 10	1 48	6 9	13 46	8 45	9 6	1 54	10 21	0 27
S 31	3n59	18n36	4s48	6s36	2s22	12s26	0n 0	12n50	0s 1	22s56	0n28	10n32	1n59	18n24	0n41	14s 9	1n48	6n 9	13s46	8s46	9s 4	1n56	10n23	0n27

Julian Day Number = 2497624.5, Delta T = 106.73 sec
Ecliptic obliquity = 23°25'14, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°30'11, Lahiri = 25°37'12

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2126
geocentric

APRIL 2126 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 36 37	11♈ 3'45	10♋49	20♓25	28♒20	4♉44	2♊49	7°R35	9°R56	13°R30	27♉30	22°R32	23♎20	0♈18	25♈50	M 1
T 2	12 40 34	12° 3'02	24°18	22° 1	29°29	5°29	2°53	7♍32	9♌55	13♏28	27°31	22♎32	23°16	0°24	25°53	T 2
W 3	12 44 30	13° 2'16	8♌12	23°39	0♓38	6°13	2°56	7°28	9°54	13°27	27°32	22°31	23°13	0°31	25°57	W 3
T 4	12 48 27	14° 1'28	22°32	25°18	1°47	6°57	2°59	7°25	9°53	13°26	27°33	22°30	23°10	0°38	26° 1	T 4
F 5	12 52 23	15° 0'38	7♍14	26°59	2°56	7°40	3° 2	7°22	9°53	13°24	27°34	22°29	23° 7	0°44	26° 4	F 5
S 6	12 56 20	15°59'46	22°14	28°40	4° 6	8°24	3° 5	7°18	9°52	13°23	27°35	22°28	23° 4	0°51	26° 8	S 6
S 7	13 0 17	16°58'51	7♎24	0♈24	5°15	9° 8	3° 7	7°15	9°52	13°21	27°36	22°28	23° 0	0°58	26°11	S 7
M 8	13 4 13	17°57'55	22°34	2° 9	6°25	9°52	3°10	7°12	9°51	13°20	27°37	22°D28	22°57	1° 4	26°15	M 8
T 9	13 8 10	18°56'56	7♏36	3°55	7°35	10°36	3°12	7° 9	9°51	13°19	27°38	22°28	22°54	1°11	26°19	T 9
W10	13 12 6	19°55'55	22°20	5°43	8°44	11°19	3°14	7° 6	9°50	13°17	27°39	22°28	22°51	1°18	26°22	W10
T 11	13 16 3	20°54'53	6♐41	7°32	9°54	12° 3	3°16	7° 3	9°50	13°16	27°40	22°28	22°48	1°24	26°26	T 11
F 12	13 19 59	21°53'49	20°35	9°23	11° 4	12°46	3°17	7° 1	9°49	13°14	27°41	22°28	22°45	1°31	26°30	F 12
S 13	13 23 56	22°52'43	4♑ 3	11°15	12°14	13°30	3°19	6°58	9°49	13°13	27°42	22°R28	22°41	1°38	26°33	S 13
S 14	13 27 52	23°51'36	17° 5	13° 8	13°24	14°13	3°20	6°56	9°49	13°11	27°43	22°D28	22°38	1°44	26°37	S 14
M15	13 31 49	24°50'26	29°44	15° 4	14°34	14°57	3°21	6°53	9°49	13°10	27°45	22°28	22°35	1°51	26°40	M15
T 16	13 35 46	25°49'15	12♒ 4	17° 0	15°45	15°40	3°22	6°51	9°49	13° 8	27°46	22°28	22°32	1°57	26°44	T 16
W17	13 39 42	26°48'02	24°10	18°58	16°55	16°24	3°22	6°48	9°D49	13° 7	27°47	22°29	22°29	2° 4	26°48	W17
T 18	13 43 39	27°46'48	6♓ 6	20°58	18° 5	17° 7	3°23	6°46	9°49	13° 5	27°48	22°29	22°25	2°11	26°51	T 18
F 19	13 47 35	28°45'32	17°56	22°59	19°16	17°50	3°23	6°44	9°49	13° 3	27°49	22°30	22°22	2°17	26°55	F 19
S 20	13 51 32	29°44'13	29°43	25° 1	20°26	18°33	3°R23	6°42	9°49	13° 2	27°51	22°31	22°19	2°24	26°59	S 20
S 21	13 55 28	0♉42'53	11♈31	27° 5	21°37	19°16	3°23	6°40	9°49	13° 0	27°52	22°31	22°16	2°31	27° 2	S 21
M22	13 59 25	1°41'32	23°22	29° 9	22°47	20° 0	3°23	6°39	9°49	12°59	27°53	22°R31	22°13	2°37	27° 6	M22
T 23	14 3 21	2°40'08	5♉19	1♉15	23°58	20°43	3°22	6°37	9°50	12°57	27°54	22°31	22°10	2°44	27°10	T 23
W24	14 7 18	3°38'42	17°24	3°22	25° 8	21°26	3°22	6°35	9°50	12°55	27°55	22°30	22° 6	2°51	27°13	W24
T 25	14 11 15	4°37'15	29°38	5°29	26°19	22° 9	3°21	6°34	9°50	12°54	27°57	22°29	22° 3	2°57	27°17	T 25
F 26	14 15 11	5°35'46	12♊ 4	7°37	27°30	22°51	3°20	6°33	9°51	12°52	27°58	22°27	22° 0	3° 4	27°21	F 26
S 27	14 19 8	6°34'14	24°43	9°46	28°41	23°34	3°19	6°31	9°51	12°51	27°59	22°25	21°57	3°11	27°24	S 27
S 28	14 23 4	7°32'41	7♋36	11°54	29°51	24°17	3°17	6°30	9°52	12°49	28° 1	22°23	21°54	3°17	27°28	S 28
M29	14 27 1	8°31'05	20°46	14° 2	1♈ 2	25° 0	3°16	6°29	9°52	12°47	28° 2	22°22	21°51	3°24	27°32	M29
T 30	14 30 57	9♉29'27	4♌13	16♉10	2♈13	25♉43	3♊14	6♍28	9♌53	12♏46	28♉ 3	22°D21	21♎47	3♈31	27♈35	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n22	17n49	5s11	5s59	2s23	12s 7	0s 4	13n 6	0n 0	22s56	0n27	10n33	1n58	18n24	0n41	14s 9	1n49	6n10	13s45	8s46	9s 3	1n58	10n24	0n27
T 2	4 46	16 2	5 17	5 22	2 24	11 46	0 8	13 21	0 1	22 56	0 27	10 34	1 58	18 24	0 40	14 9	1 49	6 10	13 45	8 46	9 2	2 0	10 25	0 27
W 3	5 9	13 16	5 6	4 43	2 24	11 26	0 12	13 36	0 1	22 56	0 27	10 35	1 58	18 24	0 40	14 8	1 49	6 11	13 45	8 45	9 1	2 2	10 26	0 27
T 4	5 32	9 39	4 35	4 3	2 23	11 5	0 16	13 51	0 2	22 56	0 27	10 37	1 58	18 24	0 40	14 8	1 49	6 11	13 45	8 45	9 0	2 4	10 27	0 27
F 5	5 55	5 21	3 46	3 23	2 22	10 44	0 20	14 6	0 3	22 56	0 27	10 38	1 58	18 25	0 40	14 7	1 49	6 12	13 44	8 45	8 59	2 6	10 29	0 27
S 6	6 17	0 37	2 40	2 41	2 21	10 22	0 24	14 21	0 3	22 56	0 27	10 39	1 58	18 25	0 40	14 7	1 49	6 12	13 44	8 44	8 57	2 8	10 30	0 27
S 7	6 40	4s12	1 23	1 58	2 19	10 0	0 27	14 36	0 4	22 56	0 27	10 40	1 58	18 25	0 40	14 6	1 49	6 12	13 44	8 44	8 56	2 9	10 31	0 27
M 8	7 3	8 46	0n 1	1 14	2 16	9 38	0 31	14 50	0 5	22 56	0 27	10 41	1 58	18 25	0 40	14 6	1 49	6 13	13 44	8 44	8 55	2 11	10 32	0 27
T 9	7 25	12 43	1 23	0 29	2 13	9 15	0 35	15 5	0 5	22 56	0 27	10 42	1 58	18 25	0 40	14 6	1 49	6 13	13 44	8 44	8 54	2 13	10 34	0 27
W10	7 47	15 47	2 39	0n17	2 10	8 53	0 38	15 19	0 6	22 56	0 27	10 43	1 58	18 25	0 40	14 5	1 49	6 14	13 43	8 44	8 53	2 15	10 35	0 27
T 11	8 9	17 46	3 42	1 3	2 6	8 29	0 42	15 33	0 7	22 56	0 27	10 44	1 58	18 25	0 40	14 5	1 49	6 14	13 43	8 44	8 52	2 17	10 36	0 27
F 12	8 31	18 36	4 30	1 51	2 1	8 6	0 45	15 47	0 7	22 56	0 27	10 45	1 58	18 25	0 40	14 4	1 49	6 15	13 43	8 44	8 50	2 19	10 37	0 26
S 13	8 53	18 20	5 2	2 39	1 57	7 42	0 48	16 0	0 8	22 56	0 27	10 46	1 58	18 25	0 40	14 4	1 49	6 15	13 43	8 44	8 49	2 21	10 39	0 26
S 14	9 15	17 6	5 17	3 29	1 51	7 19	0 51	16 14	0 9	22 56	0 27	10 47	1 57	18 25	0 40	14 3	1 49	6 15	13 43	8 44	8 48	2 23	10 40	0 26
M15	9 37	15 3	5 16	4 19	1 45	6 54	0 55	16 27	0 9	22 56	0 27	10 48	1 57	18 25	0 40	14 3	1 49	6 16	13 42	8 44	8 47	2 25	10 41	0 26
T 16	9 58	12 21	5 0	5 9	1 39	6 30	0 58	16 41	0 10	22 56	0 27	10 48	1 57	18 25	0 40	14 2	1 49	6 16	13 42	8 44	8 46	2 26	10 42	0 26
W17	10 19	9 11	4 31	6 1	1 32	6 6	1 1	16 54	0 11	22 56	0 27	10 49	1 57	18 25	0 40	14 2	1 49	6 17	13 42	8 44	8 44	2 28	10 44	0 26
T 18	10 41	5 41	3 51	6 52	1 24	5 41	1 3	17 7	0 11	22 56	0 27	10 50	1 57	18 25	0 40	14 1	1 49	6 17	13 42	8 45	8 43	2 30	10 45	0 26
F 19	11 2	2 0	3 1	7 45	1 16	5 16	1 6	17 20	0 12	22 56	0 27	10 51	1 57	18 25	0 40	14 1	1 49	6 18	13 42	8 45	8 42	2 32	10 46	0 26
S 20	11 22	1n46	2 3	8 37	1 8	4 51	1 9	17 32	0 13	22 56	0 27	10 51	1 57	18 25	0 40	14 0	1 49	6 18	13 42	8 45	8 41	2 34	10 47	0 26
S 21	11 43	5 29	1 1	9 30	0 59	4 25	1 12	17 45	0 13	22 56	0 27	10 52	1 57	18 25	0 40	14 0	1 49	6 18	13 41	8 45	8 40	2 36	10 49	0 26
M22	12 3	9 0	0s 5	10 23	0 50	4 0	1 14	17 57	0 14	22 56	0 27	10 52	1 57	18 25	0 40	13 59	1 49	6 19	13 41	8 45	8 39	2 38	10 50	0 26
T 23	12 23	12 11	1 10	11 16	0 41	3 34	1 17	18 9	0 14	22 56	0 27	10 53	1 57	18 25	0 40	13 59	1 49	6 19	13 41	8 45	8 37	2 40	10 51	0 26
W24	12 43	14 52	2 14	12 9	0 31	3 8	1 19	18 21	0 15	22 56	0 27	10 53	1 56	18 25	0 40	13 58	1 49	6 20	13 41	8 45	8 36	2 42	10 52	0 26
T 25	13 3	16 56	3 12	13 1	0 21	2 42	1 21	18 33	0 16	22 56	0 27	10 54	1 56	18 25	0 40	13 58	1 49	6 20	13 41	8 45	8 35	2 43	10 54	0 26
F 26	13 23	18 14	4 1	13 53	0 10	2 16	1 23	18 44	0 16	22 56	0 27	10 54	1 56	18 24	0 40	13 57	1 49	6 20	13 41	8 44	8 34	2 45	10 55	0 25
S 27	13 42	18 39	4 40	14 44	0n 0	1 50	1 25	18 56	0 17	22 56	0 27	10 55	1 56	18 24	0 40	13 57	1 49	6 21	13 41	8 43	8 33	2 47	10 56	0 25
S 28	14 1	18 7	5 6	15 34	0 11	1 24	1 27	19 7	0 18	22 56	0 27	10 55	1 56	18 24	0 40	13 56	1 49	6 21	13 40	8 42	8 31	2 49	10 57	0 25
M29	14 20	16 36	5 16	16 23	0 22	0 57	1 29	19 18	0 18	22 56	0 27	10 55	1 56	18 24	0 40	13 56	1 49	6 22	13 40	8 42	8 30	2 51	10 59	0 25
T 30	14n39	14n10	5s10	17n11	0n32	0s31	1s31	19n29	0n19	22s56	0n27	10n55	1n56	18n24	0n40	13s55	1n49	6n22	13s40	8s42	8s29	2n53	11n 0	0n25

Julian Day Number = 2497655.5, Delta T = 106.78 sec
Ecliptic obliquity = 23°25'14, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°30'15, Lahiri = 25°37'16

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ASTRODIENST EPHEMERIS for the year 2126
geocentric

MAY 2126 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 34 54	10♉27'47	18♌ 0	18♉17	3♈24	26♉25	3°R12	6°R27	9♌54	12°R44	28♉ 4	22♎21	21♎44	3♈37	27♈39	W 1
T 2	14 38 50	11°26'05	2♍ 6	20°23	4°35	27° 8	3♊10	6♍27	9°54	12♏42	28° 6	22°22	21°41	3°44	27°42	T 2
F 3	14 42 47	12°24'21	16°30	22°28	5°46	27°50	3° 7	6°26	9°55	12°41	28° 7	22°23	21°38	3°51	27°46	F 3
S 4	14 46 44	13°22'35	1♎ 9	24°31	6°57	28°33	3° 5	6°25	9°56	12°39	28° 8	22°24	21°35	3°57	27°49	S 4
S 5	14 50 40	14°20'47	15°59	26°32	8° 8	29°15	3° 2	6°25	9°57	12°38	28°10	22°R25	21°31	4° 4	27°53	S 5
M 6	14 54 37	15°18'57	0♏53	28°31	9°20	29°58	2°59	6°25	9°58	12°36	28°11	22°25	21°28	4°11	27°57	M 6
T 7	14 58 33	16°17'05	15°43	0♊28	10°31	0♊40	2°56	6°24	9°59	12°34	28°12	22°24	21°25	4°17	28° 0	T 7
W 8	15 2 30	17°15'12	0♐23	2°21	11°42	1°22	2°53	6°D24	10° 0	12°33	28°14	22°22	21°22	4°24	28° 4	W 8
T 9	15 6 26	18°13'17	14°45	4°12	12°53	2° 5	2°50	6°24	10° 1	12°31	28°15	22°18	21°19	4°30	28° 7	T 9
F 10	15 10 23	19°11'20	28°44	6° 0	14° 4	2°47	2°46	6°24	10° 2	12°29	28°16	22°14	21°16	4°37	28°11	F 10
S 11	15 14 19	20° 9'22	12♑17	7°45	15°16	3°29	2°43	6°25	10° 4	12°28	28°18	22°11	21°12	4°44	28°14	S 11
S 12	15 18 16	21° 7'23	25°25	9°26	16°27	4°11	2°39	6°25	10° 5	12°26	28°19	22° 7	21° 9	4°50	28°17	S 12
M13	15 22 13	22° 5'22	8♒ 8	11° 4	17°39	4°53	2°35	6°25	10° 6	12°25	28°20	22° 5	21° 6	4°57	28°21	M13
T 14	15 26 9	23° 3'20	20°31	12°38	18°50	5°35	2°30	6°26	10° 8	12°23	28°22	22°D 4	21° 3	5° 4	28°24	T 14
W15	15 30 6	24° 1'17	2♓38	14° 9	20° 2	6°17	2°26	6°27	10° 9	12°21	28°23	22° 4	21° 0	5°10	28°28	W15
T 16	15 34 2	24°59'12	14°33	15°36	21°13	6°59	2°21	6°27	10°11	12°20	28°24	22° 6	20°57	5°17	28°31	T 16
F 17	15 37 59	25°57'06	26°22	16°59	22°25	7°41	2°17	6°28	10°12	12°18	28°26	22° 7	20°53	5°24	28°34	F 17
S 18	15 41 55	26°54'59	8♈ 9	18°18	23°36	8°23	2°12	6°29	10°14	12°17	28°27	22° 9	20°50	5°30	28°38	S 18
S 19	15 45 52	27°52'50	19°59	19°34	24°48	9° 5	2° 7	6°30	10°15	12°15	28°28	22°R10	20°47	5°37	28°41	S 19
M20	15 49 48	28°50'41	1♉56	20°46	25°59	9°47	2° 2	6°31	10°17	12°14	28°30	22° 9	20°44	5°44	28°44	M20
T 21	15 53 45	29°48'30	14° 2	21°53	27°11	10°28	1°56	6°33	10°19	12°12	28°31	22° 7	20°41	5°50	28°48	T 21
W22	15 57 41	0♊46'17	26°19	22°57	28°23	11°10	1°51	6°34	10°20	12°10	28°32	22° 3	20°37	5°57	28°51	W22
T 23	16 1 38	1°44'04	8♊50	23°57	29°34	11°52	1°45	6°35	10°22	12° 9	28°34	21°58	20°34	6° 4	28°54	T 23
F 24	16 5 35	2°41'49	21°35	24°52	0♋46	12°33	1°40	6°37	10°24	12° 7	28°35	21°51	20°31	6°10	28°57	F 24
S 25	16 9 31	3°39'33	4♋33	25°44	1°58	13°15	1°34	6°39	10°26	12° 6	28°37	21°44	20°28	6°17	29° 0	S 25
S 26	16 13 28	4°37'15	17°45	26°31	3°10	13°56	1°28	6°40	10°28	12° 4	28°38	21°37	20°25	6°24	29° 4	S 26
M27	16 17 24	5°34'55	1♌ 9	27°13	4°22	14°38	1°22	6°42	10°30	12° 3	28°39	21°32	20°22	6°30	29° 7	M27
T 28	16 21 21	6°32'35	14°46	27°51	5°33	15°19	1°16	6°44	10°32	12° 1	28°41	21°28	20°18	6°37	29°10	T 28
W29	16 25 17	7°30'12	28°35	28°25	6°45	16° 1	1° 9	6°46	10°34	12° 0	28°42	21°26	20°15	6°43	29°13	W29
T 30	16 29 14	8°27'48	12♍35	28°54	7°57	16°42	1° 3	6°48	10°36	11°59	28°43	21°D25	20°12	6°50	29°16	T 30
F 31	16 33 11	9♊25'23	26♍45	29♊19	9♉ 9	17♊23	0♑56	6♍51	10♌38	11♏57	28♉45	21♎26	20♎ 9	6♈57	29♈19	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n57	10n54	4s45	17n57	0n43	0s 4	1s33	19n39	0n19	22s56	0n27	10n56	1n56	18n23	0n40	13s55	1n49	6n22	13s40	8s42	8s28	2n55	11n 1	0n25
T 2	15 15	6 56	4 4	18 41	0 53	0n22	1 35	19 50	0 20	22 56	0 26	10 56	1 55	18 23	0 40	13 54	1 49	6 23	13 40	8 42	8 27	2 56	11 2	0 25
F 3	15 33	2 28	3 6	19 24	1 4	0 49	1 36	20 0	0 21	22 57	0 26	10 56	1 55	18 23	0 40	13 54	1 49	6 23	13 40	8 42	8 26	2 58	11 4	0 25
S 4	15 51	2s13	1 55	20 4	1 14	1 16	1 38	20 10	0 21	22 57	0 26	10 56	1 55	18 23	0 40	13 53	1 49	6 23	13 40	8 43	8 24	3 0	11 5	0 25
S 5	16 8	6 50	0 36	20 43	1 23	1 42	1 39	20 20	0 22	22 57	0 26	10 56	1 55	18 22	0 39	13 53	1 49	6 24	13 40	8 43	8 23	3 2	11 6	0 25
M 6	16 25	11 3	0n47	21 19	1 32	2 9	1 40	20 29	0 22	22 57	0 26	10 56	1 55	18 22	0 39	13 52	1 49	6 24	13 40	8 43	8 22	3 4	11 7	0 25
T 7	16 42	14 32	2 5	21 52	1 40	2 36	1 42	20 39	0 23	22 57	0 26	10 56	1 55	18 22	0 39	13 52	1 49	6 24	13 39	8 43	8 21	3 6	11 8	0 25
W 8	16 58	17 3	3 14	22 23	1 48	3 3	1 43	20 48	0 23	22 57	0 26	10 56	1 55	18 22	0 39	13 51	1 49	6 25	13 39	8 42	8 20	3 8	11 10	0 25
T 9	17 15	18 25	4 9	22 52	1 55	3 29	1 44	20 57	0 24	22 57	0 26	10 56	1 55	18 21	0 39	13 51	1 49	6 25	13 39	8 41	8 18	3 10	11 11	0 25
F 10	17 30	18 37	4 48	23 18	2 2	3 56	1 45	21 6	0 25	22 57	0 26	10 55	1 54	18 21	0 39	13 50	1 49	6 26	13 39	8 39	8 17	3 11	11 12	0 25
S 11	17 46	17 43	5 9	23 41	2 8	4 23	1 46	21 15	0 25	22 58	0 26	10 55	1 54	18 20	0 39	13 50	1 49	6 26	13 39	8 38	8 16	3 13	11 13	0 24
S 12	18 2	15 54	5 13	24 2	2 13	4 49	1 46	21 23	0 26	22 58	0 26	10 55	1 54	18 20	0 39	13 50	1 49	6 26	13 39	8 36	8 15	3 15	11 14	0 24
M13	18 17	13 21	5 2	24 20	2 17	5 16	1 47	21 32	0 26	22 58	0 26	10 55	1 54	18 20	0 39	13 49	1 49	6 27	13 39	8 36	8 14	3 17	11 16	0 24
T 14	18 31	10 16	4 36	24 37	2 20	5 43	1 48	21 40	0 27	22 58	0 26	10 54	1 54	18 19	0 39	13 49	1 49	6 27	13 39	8 35	8 12	3 19	11 17	0 24
W15	18 46	6 49	3 59	24 50	2 23	6 9	1 48	21 47	0 27	22 58	0 26	10 54	1 54	18 19	0 39	13 48	1 49	6 27	13 39	8 35	8 11	3 21	11 18	0 24
T 16	19 0	3 8	3 12	25 2	2 24	6 35	1 49	21 55	0 28	22 58	0 26	10 54	1 54	18 18	0 39	13 48	1 49	6 28	13 39	8 36	8 10	3 23	11 19	0 24
F 17	19 14	0n39	2 17	25 11	2 25	7 2	1 49	22 3	0 29	22 58	0 26	10 53	1 53	18 18	0 39	13 47	1 49	6 28	13 39	8 37	8 9	3 24	11 20	0 24
S 18	19 27	4 24	1 16	25 19	2 25	7 28	1 49	22 10	0 29	22 59	0 26	10 53	1 53	18 18	0 39	13 47	1 49	6 28	13 39	8 37	8 8	3 26	11 21	0 24
S 19	19 40	8 0	0 12	25 24	2 24	7 54	1 50	22 17	0 30	22 59	0 25	10 52	1 53	18 17	0 39	13 46	1 49	6 28	13 39	8 37	8 6	3 28	11 22	0 24
M20	19 53	11 18	0s53	25 27	2 22	8 20	1 50	22 24	0 30	22 59	0 25	10 52	1 53	18 17	0 39	13 46	1 49	6 29	13 39	8 37	8 5	3 30	11 23	0 24
T 21	20 6	14 11	1 56	25 29	2 19	8 45	1 50	22 30	0 31	22 59	0 25	10 51	1 53	18 16	0 39	13 45	1 49	6 29	13 39	8 36	8 4	3 32	11 25	0 24
W22	20 18	16 28	2 55	25 29	2 15	9 11	1 50	22 37	0 31	22 59	0 25	10 50	1 53	18 16	0 39	13 45	1 49	6 29	13 39	8 35	8 3	3 34	11 26	0 24
T 23	20 30	18 1	3 47	25 27	2 10	9 36	1 50	22 43	0 32	22 59	0 25	10 50	1 53	18 15	0 39	13 44	1 49	6 30	13 39	8 33	8 2	3 36	11 27	0 24
F 24	20 41	18 42	4 28	25 24	2 5	10 1	1 49	22 49	0 32	23 0	0 25	10 49	1 52	18 15	0 39	13 44	1 49	6 30	13 39	8 30	8 0	3 37	11 28	0 24
S 25	20 52	18 25	4 56	25 19	1 58	10 26	1 49	22 55	0 33	23 0	0 25	10 48	1 52	18 14	0 39	13 44	1 49	6 30	13 39	8 28	7 59	3 39	11 29	0 24
S 26	21 3	17 9	5 9	25 13	1 50	10 51	1 49	23 0	0 33	23 0	0 25	10 48	1 52	18 14	0 39	13 43	1 49	6 31	13 39	8 25	7 58	3 41	11 30	0 24
M27	21 13	14 55	5 5	25 5	1 42	11 16	1 48	23 6	0 34	23 0	0 25	10 47	1 52	18 13	0 39	13 43	1 49	6 31	13 39	8 23	7 57	3 43	11 31	0 24
T 28	21 23	11 51	4 44	24 57	1 32	11 40	1 48	23 11	0 34	23 0	0 25	10 46	1 52	18 12	0 39	13 42	1 49	6 31	13 39	8 22	7 56	3 45	11 32	0 23
W29	21 33	8 6	4 7	24 47	1 22	12 4	1 47	23 16	0 35	23 0	0 25	10 45	1 52	18 12	0 39	13 42	1 49	6 31	13 39	8 21	7 55	3 47	11 33	0 23
T 30	21 42	3 50	3 14	24 36	1 11	12 28	1 46	23 21	0 35	23 0	0 25	10 44	1 52	18 11	0 39	13 41	1 49	6 32	13 39	8 21	7 53	3 48	11 34	0 23
F 31	21n51	0s41	2s10	24n24	0n59	12n52	1s46	23n25	0n36	23s 1	0n24	10n43	1n52	18n11	0n39	13s41	1n49	6n32	13s39	8s21	7s52	3n50	11n35	0n23

Julian Day Number = 2497685.5, Delta T = 106.82 sec
Ecliptic obliquity = 23°25'14, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°30'20, Lahiri = 25°37'20

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ASTRODIENST EPHEMERIS for the year 2126
geocentric

JUNE 2126 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 7	10♊22'56	11♎ 4	29♊39	10♉21	18♊ 4	0°R50	6♍53	10♌41	11°R56	28♉46	21♎27	20♎ 6	7♈ 3	29♈22	S 1
S 2	16 41 4	11°20'28	25°31	29°54	11°33	18°46	0♏43	6°56	10°43	11♏54	28°47	21°R28	20° 2	7°10	29°25	S 2
M 3	16 45 0	12°17'58	10♏ 0	0♋ 5	12°45	19°27	0°36	6°58	10°45	11°53	28°49	21°26	19°59	7°17	29°28	M 3
T 4	16 48 57	13°15'28	24°29	0°11	13°57	20° 8	0°29	7° 1	10°48	11°52	28°50	21°23	19°56	7°23	29°31	T 4
W 5	16 52 53	14°12'56	8♐50	0°R12	15° 9	20°49	0°22	7° 3	10°50	11°50	28°51	21°17	19°53	7°30	29°33	W 5
T 6	16 56 50	15°10'23	22°58	0° 9	16°21	21°30	0°15	7° 6	10°52	11°49	28°53	21° 9	19°50	7°37	29°36	T 6
F 7	17 0 46	16° 7'49	6♑49	0° 1	17°33	22°11	0° 8	7° 9	10°55	11°48	28°54	21° 0	19°47	7°43	29°39	F 7
S 8	17 4 43	17° 5'15	20°18	29♊49	18°45	22°52	0° 1	7°12	10°57	11°47	28°55	20°51	19°43	7°50	29°42	S 8
S 9	17 8 40	18° 2'40	3♒25	29°33	19°57	23°33	29♐53	7°15	11° 0	11°45	28°56	20°43	19°40	7°57	29°44	S 9
M10	17 12 36	19° 0'04	16° 9	29°14	21° 9	24°14	29°46	7°19	11° 2	11°44	28°58	20°37	19°37	8° 3	29°47	M10
T 11	17 16 33	19°57'27	28°33	28°51	22°21	24°54	29°39	7°22	11° 5	11°43	28°59	20°32	19°34	8°10	29°50	T 11
W12	17 20 29	20°54'49	10♓41	28°25	23°34	25°35	29°31	7°25	11° 8	11°42	29° 0	20°30	19°31	8°17	29°52	W12
T 13	17 24 26	21°52'12	22°37	27°56	24°46	26°16	29°24	7°29	11°10	11°41	29° 2	20°D29	19°28	8°23	29°55	T 13
F 14	17 28 22	22°49'33	4♈27	27°25	25°58	26°57	29°16	7°32	11°13	11°39	29° 3	20°30	19°24	8°30	29°57	F 14
S 15	17 32 19	23°46'54	16°15	26°53	27°10	27°37	29° 8	7°36	11°16	11°38	29° 4	20°R30	19°21	8°36	29°59	S 15
S 16	17 36 15	24°44'15	28° 7	26°20	28°23	28°18	29° 1	7°40	11°19	11°37	29° 5	20°30	19°18	8°43	0♉ 2	S 16
M17	17 40 12	25°41'35	10♉ 9	25°46	29°35	28°58	28°53	7°44	11°21	11°36	29° 7	20°28	19°15	8°50	0° 5	M17
T 18	17 44 9	26°38'55	22°23	25°12	0♊47	29°39	28°46	7°48	11°24	11°35	29° 8	20°24	19°12	8°56	0° 7	T 18
W19	17 48 5	27°36'15	4♊53	24°39	2° 0	0♋19	28°38	7°52	11°27	11°34	29° 9	20°17	19° 8	9° 3	0° 9	W19
T 20	17 52 2	28°33'34	17°40	24° 7	3°12	1° 0	28°30	7°56	11°30	11°33	29°10	20° 8	19° 5	9°10	0°12	T 20
F 21	17 55 58	29°30'52	0♋45	23°37	4°24	1°40	28°23	8° 0	11°33	11°32	29°11	19°58	19° 2	9°16	0°14	F 21
S 22	17 59 55	0♋28'10	14° 6	23° 9	5°37	2°21	28°15	8° 4	11°36	11°31	29°13	19°46	18°59	9°23	0°16	S 22
S 23	18 3 51	1°25'27	27°42	22°44	6°49	3° 1	28° 7	8° 8	11°39	11°30	29°14	19°35	18°56	9°30	0°18	S 23
M24	18 7 48	2°22'44	11♌29	22°23	8° 2	3°41	28° 0	8°13	11°42	11°29	29°15	19°26	18°53	9°36	0°20	M24
T 25	18 11 44	3°20'00	25°25	22° 4	9°14	4°22	27°52	8°17	11°45	11°28	29°16	19°19	18°49	9°43	0°22	T 25
W26	18 15 41	4°17'16	9♍26	21°50	10°27	5° 2	27°44	8°22	11°48	11°28	29°17	19°15	18°46	9°50	0°24	W26
T 27	18 19 38	5°14'30	23°31	21°40	11°39	5°42	27°37	8°26	11°51	11°27	29°18	19°13	18°43	9°56	0°26	T 27
F 28	18 23 34	6°11'44	7♎38	21°34	12°52	6°22	27°29	8°31	11°55	11°26	29°19	19°D12	18°40	10° 3	0°28	F 28
S 29	18 27 31	7° 8'58	21°46	21°D33	14° 5	7° 2	27°22	8°36	11°58	11°25	29°21	19°R12	18°37	10°10	0°30	S 29
S 30	18 31 27	8♋ 6'11	5♏55	21♊36	15♊17	7♋42	27♐14	8♍41	12♌ 1	11♏24	29♉22	19♎12	18♎34	10♈16	0♉32	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n59	5s14	0s56	24n11	0n46	13n15	1s45	23n29	0n36	23s 1	0n24	10n42	1n51	18n10	0n39	13s41	1n49	6n32	13s39	8s22	7s51	3n52	11n36	0n23
S 2	22 7	9 31	0n22	23 57	0 32	13 38	1 44	23 33	0 37	23 1	0 24	10 41	1 51	18 9	0 39	13 40	1 49	6 32	13 39	8 22	7 50	3 54	11 37	0 23
M 3	22 15	13 15	1 38	23 43	0 18	14 1	1 43	23 37	0 37	23 1	0 24	10 40	1 51	18 9	0 39	13 40	1 49	6 33	13 39	8 21	7 49	3 56	11 38	0 23
T 4	22 22	16 9	2 48	23 28	0 3	14 23	1 42	23 41	0 38	23 1	0 24	10 39	1 51	18 8	0 39	13 39	1 49	6 33	13 39	8 20	7 47	3 58	11 39	0 23
W 5	22 29	18 1	3 47	23 12	0s13	14 45	1 41	23 44	0 38	23 1	0 24	10 38	1 51	18 7	0 39	13 39	1 49	6 33	13 39	8 18	7 46	3 59	11 40	0 23
T 6	22 36	18 44	4 30	22 56	0 29	15 7	1 40	23 48	0 39	23 1	0 24	10 37	1 51	18 7	0 39	13 39	1 49	6 33	13 39	8 15	7 45	4 1	11 41	0 23
F 7	22 42	18 18	4 57	22 39	0 46	15 29	1 39	23 51	0 39	23 1	0 24	10 35	1 51	18 6	0 39	13 38	1 49	6 33	13 39	8 11	7 44	4 3	11 42	0 23
S 8	22 48	16 51	5 6	22 22	1 3	15 50	1 37	23 53	0 40	23 2	0 24	10 34	1 50	18 5	0 39	13 38	1 48	6 34	13 39	8 8	7 43	4 5	11 43	0 23
S 9	22 53	14 32	4 59	22 5	1 20	16 10	1 36	23 56	0 40	23 2	0 24	10 33	1 50	18 4	0 39	13 38	1 48	6 34	13 39	8 5	7 41	4 7	11 44	0 23
M10	22 58	11 35	4 36	21 48	1 37	16 31	1 34	23 58	0 41	23 2	0 23	10 31	1 50	18 4	0 39	13 37	1 48	6 34	13 39	8 3	7 40	4 9	11 44	0 23
T 11	23 2	8 11	4 2	21 30	1 55	16 51	1 33	24 0	0 41	23 2	0 23	10 30	1 50	18 3	0 39	13 37	1 48	6 34	13 39	8 1	7 39	4 10	11 45	0 23
W12	23 7	4 31	3 17	21 13	2 12	17 10	1 31	24 2	0 42	23 2	0 23	10 29	1 50	18 2	0 38	13 37	1 48	6 34	13 39	8 0	7 38	4 12	11 46	0 23
T 13	23 10	0 44	2 24	20 56	2 28	17 29	1 30	24 4	0 42	23 2	0 23	10 27	1 50	18 2	0 38	13 36	1 48	6 35	13 39	8 0	7 37	4 14	11 47	0 23
F 14	23 14	3n 4	1 25	20 39	2 44	17 48	1 28	24 6	0 42	23 2	0 23	10 26	1 50	18 1	0 38	13 36	1 48	6 35	13 39	8 0	7 35	4 16	11 48	0 22
S 15	23 16	6 44	0 23	20 23	3 0	18 6	1 27	24 7	0 43	23 2	0 23	10 24	1 50	18 0	0 38	13 36	1 48	6 35	13 39	8 0	7 34	4 18	11 49	0 22
S 16	23 19	10 10	0s41	20 8	3 14	18 24	1 25	24 8	0 43	23 2	0 23	10 23	1 49	17 59	0 38	13 35	1 48	6 35	13 40	8 0	7 33	4 20	11 50	0 22
M17	23 21	13 13	1 43	19 53	3 28	18 42	1 23	24 9	0 44	23 2	0 23	10 21	1 49	17 58	0 38	13 35	1 48	6 35	13 40	7 59	7 32	4 21	11 50	0 22
T 18	23 23	15 45	2 41	19 39	3 41	18 59	1 21	24 9	0 44	23 2	0 22	10 20	1 49	17 58	0 38	13 35	1 48	6 35	13 40	7 58	7 31	4 23	11 51	0 22
W19	23 24	17 36	3 33	19 27	3 52	19 15	1 19	24 10	0 45	23 2	0 22	10 18	1 49	17 57	0 38	13 35	1 48	6 36	13 40	7 55	7 29	4 25	11 52	0 22
T 20	23 25	18 36	4 16	19 15	4 2	19 31	1 17	24 10	0 45	23 3	0 22	10 17	1 49	17 56	0 38	13 34	1 48	6 36	13 40	7 52	7 28	4 27	11 53	0 22
F 21	23 25	18 39	4 46	19 5	4 11	19 46	1 15	24 10	0 46	23 3	0 22	10 15	1 49	17 55	0 38	13 34	1 48	6 36	13 40	7 48	7 27	4 29	11 53	0 22
S 22	23 25	17 41	5 1	18 56	4 19	20 1	1 13	24 10	0 46	23 3	0 22	10 13	1 49	17 54	0 38	13 34	1 48	6 36	13 40	7 44	7 26	4 30	11 54	0 22
S 23	23 25	15 43	4 59	18 49	4 25	20 16	1 11	24 10	0 46	23 3	0 22	10 11	1 49	17 53	0 38	13 34	1 48	6 36	13 40	7 39	7 25	4 32	11 55	0 22
M24	23 24	12 50	4 40	18 43	4 29	20 30	1 9	24 9	0 47	23 3	0 22	10 10	1 49	17 53	0 38	13 33	1 48	6 36	13 40	7 36	7 23	4 34	11 55	0 22
T 25	23 23	9 12	4 5	18 39	4 32	20 43	1 7	24 8	0 47	23 3	0 21	10 8	1 48	17 52	0 38	13 33	1 48	6 36	13 41	7 33	7 22	4 36	11 56	0 22
W26	23 21	5 1	3 14	18 37	4 34	20 56	1 5	24 7	0 48	23 3	0 21	10 6	1 48	17 51	0 38	13 33	1 48	6 36	13 41	7 32	7 21	4 38	11 57	0 22
T 27	23 19	0 33	2 12	18 36	4 34	21 8	1 2	24 6	0 48	23 3	0 21	10 4	1 48	17 50	0 38	13 33	1 48	6 37	13 41	7 31	7 20	4 39	11 57	0 22
F 28	23 17	3s58	1 1	18 36	4 33	21 20	1 0	24 5	0 49	23 3	0 21	10 2	1 48	17 49	0 38	13 33	1 48	6 37	13 41	7 31	7 18	4 41	11 58	0 22
S 29	23 14	8 16	0n14	18 39	4 31	21 31	0 58	24 3	0 49	23 3	0 21	10 0	1 48	17 48	0 38	13 32	1 48	6 37	13 41	7 31	7 17	4 43	11 59	0 22
S 30	23n10	12s 6	1n27	18n42	4s27	21n41	0s56	24n 1	0n49	23s 3	0n21	9n59	1n48	17n47	0n38	13s32	1n48	6n37	13s41	7s31	7s16	4n45	11n59	0n22

Julian Day Number = 2497716.5, Delta T = 106.87 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°30'24, Lahiri = 25°37'24

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ASTRODIENST EPHEMERIS for the year 2126
geocentric

JULY 2126 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 35 24	9♋ 3'23	20♏ 1	21♊44	16♊30	8♋22	27°R 7	8♍46	12♌ 4	11°R24	29♉23	19°R 9	18♎30	10♈23	0♉34	M 1
T 2	18 39 20	10° 0'35	4♐ 5	21°57	17°42	9° 2	27♐ 0	8°51	12° 7	11♏23	29°24	19♎ 4	18°27	10°29	0°36	T 2
W 3	18 43 17	10°57'47	18° 1	22°15	18°55	9°42	26°52	8°56	12°11	11°22	29°25	18°56	18°24	10°36	0°37	W 3
T 4	18 47 13	11°54'59	1♑47	22°38	20° 8	10°22	26°45	9° 1	12°14	11°22	29°26	18°45	18°21	10°43	0°39	T 4
F 5	18 51 10	12°52'10	15°19	23° 5	21°21	11° 2	26°38	9° 6	12°17	11°21	29°27	18°33	18°18	10°49	0°41	F 5
S 6	18 55 7	13°49'21	28°34	23°38	22°33	11°42	26°31	9°12	12°21	11°21	29°28	18°21	18°14	10°56	0°42	S 6
S 7	18 59 3	14°46'32	11♒31	24°15	23°46	12°22	26°24	9°17	12°24	11°20	29°29	18°10	18°11	11° 3	0°44	S 7
M 8	19 3 0	15°43'44	24° 9	24°57	24°59	13° 2	26°17	9°22	12°27	11°20	29°30	18° 0	18° 8	11° 9	0°45	M 8
T 9	19 6 56	16°40'55	6♓30	25°44	26°12	13°41	26°10	9°28	12°31	11°19	29°31	17°53	18° 5	11°16	0°47	T 9
W10	19 10 53	17°38'07	18°36	26°35	27°25	14°21	26° 4	9°33	12°34	11°19	29°32	17°49	18° 2	11°23	0°48	W10
T 11	19 14 49	18°35'19	0♈31	27°31	28°37	15° 1	25°57	9°39	12°38	11°18	29°33	17°46	17°59	11°29	0°49	T 11
F 12	19 18 46	19°32'31	12°21	28°32	29°50	15°40	25°51	9°45	12°41	11°18	29°34	17°46	17°55	11°36	0°50	F 12
S 13	19 22 42	20°29'44	24° 9	29°37	1♋ 3	16°20	25°44	9°50	12°45	11°18	29°35	17°46	17°52	11°43	0°52	S 13
S 14	19 26 39	21°26'57	6♉ 3	0♋47	2°16	17° 0	25°38	9°56	12°48	11°17	29°36	17°45	17°49	11°49	0°53	S 14
M15	19 30 36	22°24'11	18° 7	2° 1	3°29	17°39	25°32	10° 2	12°52	11°17	29°37	17°43	17°46	11°56	0°54	M15
T 16	19 34 32	23°21'25	0♊25	3°19	4°42	18°19	25°26	10° 8	12°55	11°17	29°37	17°39	17°43	12° 3	0°55	T 16
W17	19 38 29	24°18'40	13° 3	4°41	5°55	18°58	25°20	10°14	12°59	11°17	29°38	17°32	17°40	12° 9	0°56	W17
T 18	19 42 25	25°15'55	26° 2	6° 8	7° 9	19°38	25°14	10°20	13° 2	11°16	29°39	17°23	17°36	12°16	0°57	T 18
F 19	19 46 22	26°13'11	9♋23	7°39	8°22	20°17	25° 8	10°26	13° 6	11°16	29°40	17°12	17°33	12°22	0°58	F 19
S 20	19 50 18	27°10'27	23° 5	9°14	9°35	20°57	25° 3	10°32	13°10	11°16	29°41	17° 0	17°30	12°29	0°59	S 20
S 21	19 54 15	28° 7'44	7♌ 5	10°52	10°48	21°36	24°57	10°38	13°13	11°16	29°42	16°49	17°27	12°36	1° 0	S 21
M22	19 58 11	29° 5'01	21°18	12°34	12° 1	22°15	24°52	10°45	13°17	11°16	29°42	16°39	17°24	12°42	1° 0	M22
T 23	20 2 8	0♌ 2'18	5♍38	14°20	13°14	22°55	24°47	10°51	13°20	11°16	29°43	16°32	17°20	12°49	1° 1	T 23
W24	20 6 5	0°59'36	20° 1	16° 9	14°28	23°34	24°42	10°57	13°24	11°D16	29°44	16°27	17°17	12°56	1° 2	W24
T 25	20 10 1	1°56'53	4♎21	18° 1	15°41	24°13	24°37	11° 4	13°28	11°16	29°45	16°25	17°14	13° 2	1° 2	T 25
F 26	20 13 58	2°54'11	18°36	19°55	16°54	24°52	24°33	11°10	13°31	11°16	29°45	16°D25	17°11	13° 9	1° 3	F 26
S 27	20 17 54	3°51'30	2♏45	21°53	18° 8	25°32	24°28	11°17	13°35	11°16	29°46	16°R25	17° 8	13°16	1° 3	S 27
S 28	20 21 51	4°48'49	16°45	23°52	19°21	26°11	24°24	11°23	13°39	11°16	29°47	16°24	17° 5	13°22	1° 4	S 28
M29	20 25 47	5°46'08	0♐36	25°54	20°34	26°50	24°20	11°30	13°42	11°16	29°47	16°22	17° 1	13°29	1° 4	M29
T 30	20 29 44	6°43'27	14°19	27°57	21°48	27°29	24°16	11°36	13°46	11°17	29°48	16°17	16°58	13°36	1° 4	T 30
W31	20 33 40	7♌40'47	27♐52	0♌ 1	23♋ 1	28♋ 8	24♐12	11♍43	13♌50	11♏17	29♉49	16♎10	16♎55	13♈42	1♉ 5	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 7	15s14	2n36	18n48	4s23	21n51	0s53	23n59	0n50	23s 3	0n21	9n57	1n48	17n46	0n38	13s32	1n47	6n37	13s41	7s30	7s15	4n47	12n 0	0n22
T 2	23 3	17 27	3 34	18 54	4 17	22 0	0 51	23 57	0 50	23 3	0 20	9 55	1 48	17 45	0 38	13 32	1 47	6 37	13 41	7 28	7 14	4 48	12 0	0 21
W 3	22 58	18 35	4 19	19 2	4 10	22 9	0 48	23 54	0 51	23 3	0 20	9 53	1 48	17 44	0 38	13 32	1 47	6 37	13 42	7 24	7 12	4 50	12 1	0 21
T 4	22 53	18 37	4 48	19 11	4 3	22 17	0 46	23 52	0 51	23 3	0 20	9 51	1 48	17 43	0 38	13 32	1 47	6 37	13 42	7 21	7 11	4 52	12 1	0 21
F 5	22 48	17 34	5 0	19 20	3 54	22 25	0 44	23 49	0 51	23 3	0 20	9 49	1 47	17 43	0 38	13 31	1 47	6 37	13 42	7 16	7 10	4 54	12 2	0 21
S 6	22 42	15 36	4 56	19 31	3 45	22 32	0 41	23 46	0 52	23 3	0 20	9 46	1 47	17 42	0 38	13 31	1 47	6 37	13 42	7 11	7 9	4 56	12 2	0 21
S 7	22 36	12 53	4 37	19 43	3 35	22 38	0 39	23 43	0 52	23 3	0 20	9 44	1 47	17 41	0 38	13 31	1 47	6 37	13 42	7 7	7 8	4 57	12 3	0 21
M 8	22 30	9 37	4 4	19 55	3 24	22 43	0 36	23 39	0 52	23 3	0 20	9 42	1 47	17 40	0 38	13 31	1 47	6 37	13 42	7 3	7 6	4 59	12 3	0 21
T 9	22 23	6 1	3 20	20 8	3 13	22 48	0 34	23 36	0 53	23 2	0 19	9 40	1 47	17 39	0 38	13 31	1 47	6 37	13 43	7 1	7 5	5 1	12 4	0 21
W10	22 16	2 14	2 28	20 21	3 2	22 53	0 31	23 32	0 53	23 2	0 19	9 38	1 47	17 38	0 38	13 31	1 47	6 37	13 43	6 59	7 4	5 3	12 4	0 21
T 11	22 8	1n35	1 30	20 34	2 49	22 56	0 29	23 28	0 54	23 2	0 19	9 36	1 47	17 37	0 38	13 31	1 47	6 37	13 43	6 58	7 3	5 5	12 5	0 21
F 12	22 0	5 19	0 29	20 48	2 37	22 59	0 26	23 24	0 54	23 2	0 19	9 34	1 47	17 36	0 38	13 31	1 47	6 37	13 43	6 58	7 2	5 6	12 5	0 21
S 13	21 51	8 50	0s34	21 1	2 24	23 2	0 23	23 19	0 54	23 2	0 19	9 31	1 47	17 35	0 38	13 31	1 47	6 37	13 43	6 58	7 0	5 8	12 5	0 21
S 14	21 43	12 2	1 35	21 14	2 11	23 3	0 21	23 15	0 55	23 2	0 19	9 29	1 47	17 34	0 38	13 31	1 47	6 37	13 44	6 58	6 59	5 10	12 6	0 21
M15	21 34	14 45	2 34	21 27	1 58	23 4	0 18	23 10	0 55	23 2	0 18	9 27	1 47	17 33	0 38	13 31	1 47	6 37	13 44	6 57	6 58	5 12	12 6	0 21
T 16	21 24	16 52	3 26	21 38	1 44	23 4	0 16	23 5	0 55	23 2	0 18	9 24	1 47	17 32	0 38	13 31	1 47	6 37	13 44	6 55	6 57	5 14	12 6	0 21
W17	21 14	18 14	4 9	21 50	1 31	23 4	0 13	23 0	0 56	23 2	0 18	9 22	1 46	17 31	0 38	13 31	1 47	6 37	13 44	6 53	6 56	5 15	12 7	0 21
T 18	21 4	18 41	4 41	22 0	1 17	23 3	0 11	22 55	0 56	23 2	0 18	9 20	1 46	17 30	0 38	13 31	1 47	6 37	13 44	6 49	6 54	5 17	12 7	0 21
F 19	20 53	18 8	4 58	22 8	1 4	23 1	0 8	22 49	0 56	23 2	0 18	9 17	1 46	17 29	0 38	13 31	1 46	6 37	13 45	6 45	6 53	5 19	12 7	0 21
S 20	20 42	16 31	5 0	22 16	0 50	22 59	0 5	22 44	0 57	23 2	0 18	9 15	1 46	17 28	0 38	13 31	1 46	6 37	13 45	6 41	6 52	5 21	12 8	0 20
S 21	20 31	13 55	4 43	22 22	0 37	22 56	0 3	22 38	0 57	23 2	0 17	9 13	1 46	17 27	0 38	13 31	1 46	6 37	13 45	6 36	6 51	5 22	12 8	0 20
M22	20 20	10 28	4 9	22 26	0 24	22 52	0 0	22 32	0 58	23 2	0 17	9 10	1 46	17 26	0 38	13 31	1 46	6 37	13 45	6 32	6 49	5 24	12 8	0 20
T 23	20 8	6 22	3 18	22 28	0 12	22 48	0n 2	22 26	0 58	23 2	0 17	9 8	1 46	17 25	0 38	13 31	1 46	6 37	13 45	6 30	6 48	5 26	12 8	0 20
W24	19 55	1 53	2 15	22 27	0n 1	22 43	0 5	22 19	0 58	23 2	0 17	9 5	1 46	17 24	0 38	13 31	1 46	6 37	13 46	6 28	6 47	5 28	12 8	0 20
T 25	19 43	2s42	1 4	22 25	0 13	22 37	0 7	22 13	0 59	23 2	0 17	9 3	1 46	17 22	0 38	13 31	1 46	6 37	13 46	6 27	6 46	5 30	12 8	0 20
F 26	19 30	7 6	0n12	22 20	0 24	22 31	0 10	22 6	0 59	23 2	0 17	9 0	1 46	17 21	0 38	13 31	1 46	6 37	13 46	6 27	6 45	5 31	12 9	0 20
S 27	19 16	11 4	1 26	22 13	0 35	22 24	0 12	21 59	0 59	23 2	0 16	8 58	1 46	17 20	0 38	13 31	1 46	6 37	13 46	6 27	6 43	5 33	12 9	0 20
S 28	19 3	14 22	2 34	22 3	0 45	22 16	0 15	21 52	0 59	23 2	0 16	8 55	1 46	17 19	0 38	13 31	1 46	6 36	13 47	6 27	6 42	5 35	12 9	0 20
M29	18 49	16 48	3 32	21 50	0 54	22 8	0 17	21 45	1 0	23 2	0 16	8 53	1 46	17 18	0 38	13 31	1 46	6 36	13 47	6 26	6 41	5 37	12 9	0 20
T 30	18 35	18 14	4 18	21 35	1 3	21 59	0 19	21 38	1 0	23 2	0 16	8 50	1 46	17 17	0 38	13 31	1 46	6 36	13 47	6 24	6 40	5 38	12 9	0 20
W31	18n20	18s36	4n48	21n17	1n11	21n49	0n22	21n30	1n 0	23s 2	0n16	8n48	1n46	17n16	0n38	13s31	1n46	6n36	13s47	6s21	6s39	5n40	12n 9	0n20

Julian Day Number = 2497746.5, Delta T = 106.92 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°30'28, Lahiri = 25°37'28

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ASTRODIENST EPHEMERIS for the year 2126
geocentric

AUGUST 2126 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 37	8♌38'08	11♉13	2♌ 6	24♋15	28♋47	24°R 8	11♍50	13♌54	11♏17	29♉49	16°R 1	16♎52	13♈49	1♉ 5	T 1
F 2	20 41 34	9°35'29	24°23	4°12	25°28	29°26	24♐ 5	11°56	13°57	11°17	29°50	15♎50	16°49	13°55	1° 5	F 2
S 3	20 45 30	10°32'51	7♒18	6°17	26°42	0♌ 5	24° 2	12° 3	14° 1	11°18	29°50	15°39	16°46	14° 2	1° 5	S 3
S 4	20 49 27	11°30'14	19°59	8°23	27°55	0°44	23°58	12°10	14° 5	11°18	29°51	15°29	16°42	14° 9	1°R 5	S 4
M 5	20 53 23	12°27'38	2♓26	10°29	29° 9	1°23	23°55	12°17	14° 8	11°18	29°51	15°20	16°39	14°15	1° 5	M 5
T 6	20 57 20	13°25'02	14°38	12°34	0♌23	2° 2	23°53	12°24	14°12	11°19	29°52	15°13	16°36	14°22	1° 5	T 6
W 7	21 1 16	14°22'28	26°40	14°39	1°36	2°41	23°50	12°31	14°16	11°19	29°52	15° 9	16°33	14°29	1° 5	W 7
T 8	21 5 13	15°19'54	8♈32	16°42	2°50	3°19	23°48	12°38	14°20	11°20	29°53	15° 7	16°30	14°35	1° 5	T 8
F 9	21 9 9	16°17'22	20°20	18°45	4° 4	3°58	23°45	12°45	14°23	11°20	29°53	15°D 7	16°26	14°42	1° 5	F 9
S 10	21 13 6	17°14'51	2♉ 8	20°46	5°17	4°37	23°43	12°52	14°27	11°21	29°54	15° 8	16°23	14°49	1° 4	S 10
S 11	21 17 3	18°12'22	14° 2	22°46	6°31	5°16	23°41	12°59	14°31	11°21	29°54	15°R 9	16°20	14°55	1° 4	S 11
M12	21 20 59	19° 9'54	26° 5	24°45	7°45	5°54	23°40	13° 6	14°34	11°22	29°55	15° 9	16°17	15° 2	1° 4	M12
T 13	21 24 56	20° 7'27	8♊24	26°43	8°59	6°33	23°38	13°13	14°38	11°23	29°55	15° 7	16°14	15° 9	1° 3	T 13
W14	21 28 52	21° 5'02	21° 4	28°39	10°12	7°12	23°37	13°20	14°42	11°23	29°55	15° 3	16°11	15°15	1° 3	W14
T 15	21 32 49	22° 2'38	4♋ 7	0♍34	11°26	7°51	23°36	13°27	14°45	11°24	29°56	14°57	16° 7	15°22	1° 2	T 15
F 16	21 36 45	23° 0'15	17°36	2°27	12°40	8°29	23°35	13°35	14°49	11°25	29°56	14°50	16° 4	15°29	1° 1	F 16
S 17	21 40 42	23°57'54	1♌30	4°19	13°54	9° 8	23°34	13°42	14°53	11°25	29°56	14°42	16° 1	15°35	1° 1	S 17
S 18	21 44 38	24°55'34	15°46	6° 9	15° 8	9°46	23°33	13°49	14°57	11°26	29°56	14°34	15°58	15°42	1° 0	S 18
M19	21 48 35	25°53'15	0♍20	7°58	16°22	10°25	23°33	13°56	15° 0	11°27	29°57	14°27	15°55	15°48	0°59	M19
T 20	21 52 32	26°50'58	15° 3	9°45	17°36	11° 4	23°33	14° 4	15° 4	11°28	29°57	14°22	15°52	15°55	0°58	T 20
W21	21 56 28	27°48'41	29°50	11°31	18°50	11°42	23°D33	14°11	15° 8	11°29	29°57	14°19	15°48	16° 2	0°58	W21
T 22	22 0 25	28°46'26	14♎33	13°16	20° 4	12°21	23°33	14°18	15°11	11°30	29°57	14°D18	15°45	16° 8	0°57	T 22
F 23	22 4 21	29°44'12	29° 5	14°59	21°18	12°59	23°33	14°26	15°15	11°31	29°57	14°19	15°42	16°15	0°56	F 23
S 24	22 8 18	0♍41'59	13♏24	16°41	22°32	13°37	23°34	14°33	15°18	11°32	29°58	14°20	15°39	16°22	0°55	S 24
S 25	22 12 14	1°39'48	27°28	18°21	23°47	14°16	23°34	14°41	15°22	11°33	29°58	14°R21	15°36	16°28	0°54	S 25
M26	22 16 11	2°37'37	11♐15	20° 0	25° 1	14°54	23°35	14°48	15°26	11°34	29°58	14°21	15°32	16°35	0°52	M26
T 27	22 20 7	3°35'28	24°46	21°37	26°15	15°33	23°36	14°55	15°29	11°35	29°58	14°19	15°29	16°42	0°51	T 27
W28	22 24 4	4°33'20	8♑ 2	23°14	27°29	16°11	23°38	15° 3	15°33	11°36	29°58	14°15	15°26	16°48	0°50	W28
T 29	22 28 1	5°31'13	21° 4	24°48	28°43	16°49	23°39	15°10	15°36	11°37	29°58	14°10	15°23	16°55	0°49	T 29
F 30	22 31 57	6°29'07	3♒53	26°22	29°58	17°28	23°41	15°18	15°40	11°38	29°R58	14° 4	15°20	17° 2	0°47	F 30
S 31	22 35 54	7♍27'03	16♒28	27♍54	1♍12	18♌ 6	23♐43	15♍25	15♌43	11♏39	29♉58	13♎58	15♎17	17♈ 8	0♉46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 5	17s56	5n 2	20n56	1n18	21n39	0n24	21n23	1n 1	23s 2	0n16	8n45	1n46	17n15	0n38	13s32	1n46	6n36	13s47	6s18	6s37	5n42	12n 9	0n20
F 2	17 50	16 18	5 0	20 33	1 24	21 28	0 27	21 15	1 1	23 2	0 16	8 42	1 46	17 14	0 38	13 32	1 46	6 36	13 48	6 14	6 36	5 44	12 9	0 20
S 3	17 35	13 53	4 42	20 8	1 30	21 16	0 29	21 7	1 1	23 2	0 15	8 40	1 46	17 13	0 38	13 32	1 46	6 36	13 48	6 9	6 35	5 45	12 9	0 20
S 4	17 19	10 50	4 11	19 40	1 34	21 4	0 31	20 59	1 2	23 2	0 15	8 37	1 46	17 12	0 38	13 32	1 46	6 36	13 48	6 5	6 34	5 47	12 9	0 20
M 5	17 3	7 22	3 28	19 10	1 38	20 51	0 33	20 51	1 2	23 2	0 15	8 34	1 45	17 11	0 38	13 32	1 45	6 36	13 48	6 2	6 32	5 49	12 9	0 20
T 6	16 47	3 39	2 36	18 38	1 41	20 38	0 36	20 42	1 2	23 2	0 15	8 32	1 45	17 10	0 38	13 32	1 45	6 35	13 49	5 59	6 31	5 51	12 9	0 20
W 7	16 30	0n10	1 37	18 5	1 43	20 24	0 38	20 34	1 3	23 2	0 15	8 29	1 45	17 9	0 38	13 33	1 45	6 35	13 49	5 58	6 30	5 52	12 9	0 19
T 8	16 14	3 55	0 35	17 29	1 45	20 10	0 40	20 25	1 3	23 2	0 15	8 26	1 45	17 8	0 38	13 33	1 45	6 35	13 49	5 57	6 29	5 54	12 9	0 19
F 9	15 57	7 31	0s28	16 52	1 46	19 55	0 42	20 16	1 3	23 2	0 14	8 24	1 45	17 6	0 38	13 33	1 45	6 35	13 49	5 57	6 28	5 56	12 8	0 19
S 10	15 39	10 48	1 30	16 14	1 46	19 39	0 44	20 7	1 3	23 2	0 14	8 21	1 45	17 5	0 38	13 33	1 45	6 35	13 50	5 57	6 26	5 58	12 8	0 19
S 11	15 22	13 40	2 29	15 34	1 45	19 23	0 46	19 58	1 4	23 2	0 14	8 18	1 45	17 4	0 38	13 34	1 45	6 35	13 50	5 58	6 25	6 0	12 8	0 19
M12	15 4	15 59	3 22	14 54	1 44	19 6	0 48	19 49	1 4	23 2	0 14	8 15	1 45	17 3	0 38	13 34	1 45	6 34	13 50	5 58	6 24	6 1	12 8	0 19
T 13	14 46	17 38	4 7	14 12	1 42	18 48	0 50	19 39	1 4	23 2	0 14	8 13	1 45	17 2	0 38	13 34	1 45	6 34	13 50	5 57	6 23	6 3	12 8	0 19
W14	14 28	18 27	4 41	13 30	1 40	18 31	0 52	19 30	1 5	23 2	0 14	8 10	1 45	17 1	0 38	13 34	1 45	6 34	13 51	5 55	6 21	6 5	12 8	0 19
T 15	14 9	18 20	5 2	12 47	1 37	18 12	0 54	19 20	1 5	23 3	0 13	8 7	1 45	17 0	0 38	13 35	1 45	6 34	13 51	5 53	6 20	6 6	12 7	0 19
F 16	13 50	17 12	5 7	12 3	1 34	17 53	0 56	19 10	1 5	23 3	0 13	8 4	1 45	16 59	0 38	13 35	1 45	6 34	13 51	5 50	6 19	6 8	12 7	0 19
S 17	13 31	15 1	4 54	11 19	1 30	17 34	0 58	19 1	1 5	23 3	0 13	8 2	1 45	16 58	0 38	13 35	1 45	6 34	13 51	5 47	6 18	6 10	12 7	0 19
S 18	13 12	11 54	4 23	10 35	1 26	17 14	0 59	18 51	1 6	23 3	0 13	7 59	1 45	16 57	0 38	13 35	1 45	6 33	13 52	5 44	6 17	6 12	12 6	0 19
M19	12 53	8 0	3 35	9 50	1 21	16 53	1 1	18 40	1 6	23 3	0 13	7 56	1 45	16 56	0 38	13 36	1 45	6 33	13 52	5 42	6 15	6 13	12 6	0 19
T 20	12 33	3 33	2 31	9 5	1 16	16 32	1 3	18 30	1 6	23 3	0 13	7 53	1 45	16 55	0 38	13 36	1 45	6 33	13 52	5 40	6 14	6 15	12 6	0 19
W21	12 13	1s 7	1 18	8 19	1 10	16 11	1 4	18 20	1 6	23 3	0 12	7 50	1 45	16 54	0 38	13 36	1 45	6 33	13 52	5 39	6 13	6 17	12 5	0 19
T 22	11 53	5 43	0n 1	7 34	1 5	15 49	1 6	18 9	1 7	23 4	0 12	7 47	1 45	16 53	0 38	13 37	1 45	6 32	13 53	5 38	6 12	6 19	12 5	0 19
F 23	11 33	9 54	1 19	6 49	0 59	15 27	1 7	17 58	1 7	23 4	0 12	7 45	1 45	16 52	0 38	13 37	1 44	6 32	13 53	5 38	6 10	6 20	12 5	0 19
S 24	11 13	13 27	2 31	6 3	0 52	15 4	1 9	17 48	1 7	23 4	0 12	7 42	1 45	16 50	0 38	13 37	1 44	6 32	13 53	5 39	6 9	6 22	12 4	0 18
S 25	10 52	16 7	3 33	5 18	0 46	14 41	1 10	17 37	1 7	23 4	0 12	7 39	1 45	16 49	0 38	13 38	1 44	6 32	13 53	5 39	6 8	6 24	12 4	0 18
M26	10 32	17 48	4 21	4 33	0 39	14 18	1 11	17 26	1 8	23 4	0 12	7 36	1 45	16 48	0 38	13 38	1 44	6 32	13 54	5 39	6 7	6 26	12 3	0 18
T 27	10 11	18 26	4 53	3 48	0 32	13 54	1 13	17 15	1 8	23 5	0 11	7 33	1 45	16 47	0 38	13 38	1 44	6 31	13 54	5 38	6 6	6 27	12 3	0 18
W28	9 50	18 2	5 9	3 3	0 24	13 30	1 14	17 4	1 8	23 5	0 11	7 30	1 45	16 46	0 38	13 39	1 44	6 31	13 54	5 37	6 4	6 29	12 2	0 18
T 29	9 29	16 41	5 8	2 19	0 17	13 5	1 15	16 52	1 8	23 5	0 11	7 27	1 45	16 45	0 38	13 39	1 44	6 31	13 55	5 35	6 3	6 31	12 2	0 18
F 30	9 7	14 32	4 52	1 35	0 9	12 40	1 16	16 41	1 9	23 5	0 11	7 25	1 45	16 44	0 38	13 40	1 44	6 31	13 55	5 33	6 2	6 33	12 1	0 18
S 31	8n46	11s43	4n22	0n51	0n 1	12n15	1n17	16n29	1n 9	23s 5	0n11	7n22	1n45	16n43	0n38	13s40	1n44	6n30	13s55	5s30	6s 1	6n34	12n 1	0n18

Julian Day Number = 2497777.5, Delta T = 106.97 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°30'32, Lahiri = 25°37'33

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ASTRODIENST EPHEMERIS for the year 2126
geocentric

SEPTEMBER 2126 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 39 50	8♍25'00	28♒52	29♍25	2♍26	18♌44	23♐45	15♍33	15♌47	11♏41	29°R58	13°R52	15♎13	17♈15	0°R45	S 1
M 2	22 43 47	9°22'59	11♓ 4	0♎54	3°40	19°22	23°47	15°40	15°50	11°42	29♉58	13♎47	15°10	17°21	0♉43	M 2
T 3	22 47 43	10°20'59	23° 7	2°23	4°55	20° 0	23°49	15°48	15°54	11°43	29°58	13°43	15° 7	17°28	0°42	T 3
W 4	22 51 40	11°19'01	5♈ 2	3°49	6° 9	20°39	23°52	15°55	15°57	11°44	29°58	13°41	15° 4	17°35	0°40	W 4
T 5	22 55 36	12°17'04	16°52	5°15	7°23	21°17	23°55	16° 3	16° 1	11°46	29°58	13°D41	15° 1	17°41	0°39	T 5
F 6	22 59 33	13°15'10	28°39	6°39	8°38	21°55	23°57	16°10	16° 4	11°47	29°57	13°42	14°57	17°48	0°37	F 6
S 7	23 3 29	14°13'17	10♉26	8° 1	9°52	22°33	24° 1	16°18	16° 8	11°48	29°57	13°43	14°54	17°55	0°35	S 7
S 8	23 7 26	15°11'27	22°20	9°22	11° 7	23°11	24° 4	16°26	16°11	11°50	29°57	13°45	14°51	18° 1	0°33	S 8
M 9	23 11 23	16° 9'38	4♊22	10°42	12°21	23°49	24° 7	16°33	16°14	11°51	29°57	13°47	14°48	18° 8	0°32	M 9
T 10	23 15 19	17° 7'51	16°40	12° 0	13°36	24°27	24°11	16°41	16°18	11°53	29°57	13°R47	14°45	18°15	0°30	T 10
W11	23 19 16	18° 6'07	29°17	13°17	14°50	25° 5	24°15	16°48	16°21	11°54	29°57	13°47	14°42	18°21	0°28	W11
T 12	23 23 12	19° 4'24	12♋17	14°31	16° 5	25°43	24°19	16°56	16°24	11°56	29°56	13°45	14°38	18°28	0°26	T 12
F 13	23 27 9	20° 2'44	25°43	15°44	17°19	26°21	24°23	17° 3	16°27	11°57	29°56	13°42	14°35	18°35	0°24	F 13
S 14	23 31 5	21° 1'05	9♌37	16°56	18°34	26°59	24°27	17°11	16°31	11°59	29°56	13°39	14°32	18°41	0°22	S 14
S 15	23 35 2	21°59'29	23°57	18° 5	19°48	27°37	24°32	17°18	16°34	12° 0	29°55	13°36	14°29	18°48	0°20	S 15
M16	23 38 58	22°57'54	8♍40	19°13	21° 3	28°15	24°36	17°26	16°37	12° 2	29°55	13°34	14°26	18°54	0°18	M16
T 17	23 42 55	23°56'22	23°38	20°18	22°18	28°53	24°41	17°33	16°40	12° 4	29°55	13°32	14°23	19° 1	0°16	T 17
W18	23 46 52	24°54'51	8♎43	21°21	23°32	29°31	24°46	17°41	16°43	12° 5	29°54	13°D31	14°19	19° 8	0°14	W18
T 19	23 50 48	25°53'22	23°46	22°22	24°47	0♍ 9	24°51	17°48	16°46	12° 7	29°54	13°31	14°16	19°14	0°12	T 19
F 20	23 54 45	26°51'55	8♏39	23°20	26° 2	0°47	24°57	17°56	16°49	12° 9	29°53	13°32	14°13	19°21	0° 9	F 20
S 21	23 58 41	27°50'29	23°16	24°16	27°16	1°24	25° 2	18° 3	16°52	12°10	29°53	13°33	14°10	19°28	0° 7	S 21
S 22	0 2 38	28°49'05	7♐32	25° 8	28°31	2° 2	25° 8	18°11	16°55	12°12	29°53	13°34	14° 7	19°34	0° 5	S 22
M23	0 6 34	29°47'43	21°25	25°58	29°46	2°40	25°13	18°18	16°58	12°14	29°52	13°35	14° 3	19°41	0° 2	M23
T 24	0 10 31	0♎46'23	4♑56	26°44	1♎ 0	3°18	25°19	18°26	17° 1	12°16	29°52	13°R35	14° 0	19°48	0° 0	T 24
W25	0 14 27	1°45'04	18° 5	27°26	2°15	3°56	25°25	18°33	17° 4	12°17	29°51	13°35	13°57	19°54	29♈58	W25
T 26	0 18 24	2°43'47	0♒55	28° 5	3°30	4°33	25°32	18°41	17° 7	12°19	29°51	13°34	13°54	20° 1	29°55	T 26
F 27	0 22 21	3°42'31	13°29	28°39	4°45	5°11	25°38	18°48	17°10	12°21	29°50	13°32	13°51	20° 8	29°53	F 27
S 28	0 26 17	4°41'18	25°49	29° 9	6° 0	5°49	25°45	18°55	17°13	12°23	29°49	13°31	13°48	20°14	29°50	S 28
S 29	0 30 14	5°40'06	7♓59	29°33	7°14	6°26	25°51	19° 3	17°16	12°25	29°49	13°30	13°44	20°21	29°48	S 29
M30	0 34 10	6♎38'56	19♓59	29♎52	8♎29	7♍ 4	25♐58	19♍10	17♌18	12♏27	29♉48	13♎29	13♎41	20♈27	29♈45	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n24	8s25	3n40	0n 8	0s 7	11n49	1n18	16n18	1n 9	23s 6	0n11	7n19	1n46	16n42	0n38	13s41	1n44	6n30	13s55	5s28	5s59	6n36	12n 0	0n18
M 2	8 3	4 48	2 49	0s35	0 15	11 23	1 19	16 6	1 9	23 6	0 11	7 16	1 46	16 41	0 38	13 41	1 44	6 30	13 56	5 26	5 58	6 38	12 0	0 18
T 3	7 41	1 2	1 50	1 18	0 23	10 56	1 20	15 54	1 10	23 6	0 10	7 13	1 46	16 40	0 38	13 41	1 44	6 30	13 56	5 25	5 57	6 39	11 59	0 18
W 4	7 19	2n43	0 47	2 0	0 31	10 30	1 21	15 42	1 10	23 6	0 10	7 10	1 46	16 39	0 38	13 42	1 44	6 29	13 56	5 24	5 56	6 41	11 58	0 18
T 5	6 57	6 21	0s17	2 41	0 40	10 3	1 21	15 30	1 10	23 7	0 10	7 7	1 46	16 38	0 38	13 42	1 44	6 29	13 56	5 24	5 55	6 43	11 58	0 18
F 6	6 35	9 43	1 21	3 22	0 48	9 36	1 22	15 18	1 10	23 7	0 10	7 4	1 46	16 37	0 38	13 43	1 44	6 29	13 57	5 24	5 53	6 45	11 57	0 18
S 7	6 12	12 42	2 22	4 3	0 57	9 8	1 23	15 6	1 11	23 7	0 10	7 2	1 46	16 36	0 38	13 43	1 44	6 28	13 57	5 25	5 52	6 46	11 57	0 18
S 8	5 50	15 10	3 17	4 43	1 5	8 40	1 23	14 54	1 11	23 8	0 10	6 59	1 46	16 35	0 38	13 44	1 44	6 28	13 57	5 25	5 51	6 48	11 56	0 18
M 9	5 27	17 0	4 4	5 22	1 14	8 12	1 24	14 41	1 11	23 8	0 10	6 56	1 46	16 34	0 38	13 44	1 44	6 28	13 57	5 26	5 50	6 50	11 55	0 17
T 10	5 5	18 6	4 41	6 0	1 22	7 44	1 24	14 29	1 11	23 8	0 9	6 53	1 46	16 33	0 38	13 45	1 44	6 28	13 58	5 26	5 48	6 51	11 55	0 17
W11	4 42	18 20	5 5	6 38	1 31	7 16	1 24	14 16	1 11	23 9	0 9	6 50	1 46	16 32	0 39	13 45	1 44	6 27	13 58	5 26	5 47	6 53	11 54	0 17
T 12	4 19	17 37	5 15	7 15	1 39	6 47	1 25	14 4	1 12	23 9	0 9	6 47	1 46	16 31	0 39	13 46	1 43	6 27	13 58	5 25	5 46	6 55	11 53	0 17
F 13	3 56	15 56	5 8	7 51	1 48	6 18	1 25	13 51	1 12	23 9	0 9	6 44	1 46	16 30	0 39	13 46	1 43	6 27	13 58	5 24	5 45	6 57	11 52	0 17
S 14	3 33	13 16	4 44	8 26	1 56	5 49	1 25	13 38	1 12	23 9	0 9	6 41	1 46	16 29	0 39	13 47	1 43	6 26	13 59	5 23	5 43	6 58	11 52	0 17
S 15	3 10	9 44	4 1	9 0	2 4	5 20	1 25	13 25	1 12	23 10	0 9	6 38	1 46	16 28	0 39	13 47	1 43	6 26	13 59	5 22	5 42	7 0	11 51	0 17
M16	2 47	5 31	3 1	9 34	2 13	4 51	1 25	13 12	1 12	23 10	0 9	6 36	1 46	16 27	0 39	13 48	1 43	6 26	13 59	5 21	5 41	7 2	11 50	0 17
T 17	2 24	0 53	1 48	10 6	2 21	4 21	1 25	12 59	1 13	23 10	0 8	6 33	1 46	16 27	0 39	13 48	1 43	6 26	13 59	5 20	5 40	7 3	11 49	0 17
W18	2 1	3s52	0 27	10 37	2 29	3 52	1 25	12 46	1 13	23 11	0 8	6 30	1 46	16 26	0 39	13 49	1 43	6 25	14 0	5 20	5 39	7 5	11 48	0 17
T 19	1 38	8 21	0n56	11 7	2 36	3 22	1 25	12 33	1 13	23 11	0 8	6 27	1 46	16 25	0 39	13 49	1 43	6 25	14 0	5 20	5 37	7 7	11 48	0 17
F 20	1 15	12 15	2 15	11 36	2 44	2 52	1 24	12 20	1 13	23 11	0 8	6 24	1 47	16 24	0 39	13 50	1 43	6 25	14 0	5 20	5 36	7 8	11 47	0 17
S 21	0 51	15 18	3 23	12 3	2 51	2 22	1 24	12 6	1 13	23 12	0 8	6 21	1 47	16 23	0 39	13 50	1 43	6 24	14 0	5 21	5 35	7 10	11 46	0 17
S 22	0 28	17 20	4 17	12 29	2 58	1 52	1 24	11 53	1 14	23 12	0 8	6 18	1 47	16 22	0 39	13 51	1 43	6 24	14 0	5 21	5 34	7 12	11 45	0 17
M23	0 5	18 15	4 54	12 53	3 5	1 22	1 23	11 40	1 14	23 12	0 8	6 16	1 47	16 21	0 39	13 52	1 43	6 24	14 1	5 21	5 32	7 14	11 44	0 16
T 24	0s18	18 6	5 14	13 16	3 11	0 52	1 23	11 26	1 14	23 13	0 7	6 13	1 47	16 20	0 39	13 52	1 43	6 23	14 1	5 21	5 31	7 15	11 43	0 16
W25	0 42	16 59	5 16	13 37	3 17	0 22	1 22	11 13	1 14	23 13	0 7	6 10	1 47	16 19	0 39	13 53	1 43	6 23	14 1	5 21	5 30	7 17	11 42	0 16
T 26	1 5	15 0	5 3	13 56	3 22	0s 9	1 22	10 59	1 14	23 14	0 7	6 7	1 47	16 19	0 39	13 53	1 43	6 23	14 1	5 21	5 29	7 19	11 41	0 16
F 27	1 28	12 22	4 35	14 13	3 27	0 39	1 21	10 45	1 14	23 14	0 7	6 4	1 47	16 18	0 39	13 54	1 43	6 22	14 2	5 20	5 27	7 20	11 40	0 16
S 28	1 52	9 13	3 55	14 27	3 32	1 9	1 20	10 32	1 15	23 14	0 7	6 2	1 47	16 17	0 39	13 54	1 43	6 22	14 2	5 20	5 26	7 22	11 39	0 16
S 29	2 15	5 43	3 5	14 40	3 35	1 39	1 19	10 18	1 15	23 15	0 7	5 59	1 47	16 16	0 39	13 55	1 43	6 22	14 2	5 19	5 25	7 24	11 39	0 16
M30	2s38	2s 1	2n 7	14s49	3s38	2s10	1n18	10n 4	1n15	23s15	0n 7	5n56	1n47	16n15	0n39	13s56	1n43	6n21	14s 2	5s19	5s24	7n25	11n38	0n16

Julian Day Number = 2497808.5, Delta T = 107.02 sec
Ecliptic obliquity = 23°25'14, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°30'36, Lahiri = 25°37'37

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ASTRODIENST EPHEMERIS for the year 2126
geocentric

OCTOBER 2126 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 7	7♎37'47	1♈53	0♏ 6	9♎44	7♍41	26♐ 5	19♍17	17♌21	12♏28	29°R48	13°R29	13♎38	20♈34	29°R43	T 1
W 2	0 42 3	8°36'41	13°43	0°13	10°59	8°19	26°12	19°25	17°24	12°30	29♉47	13°D28	13°35	20°41	29♈40	W 2
T 3	0 46 0	9°35'37	25°31	0°R13	12°14	8°57	26°20	19°32	17°26	12°32	29°46	13♎29	13°32	20°47	29°38	T 3
F 4	0 49 56	10°34'35	7♉18	0° 7	13°28	9°34	26°27	19°39	17°29	12°34	29°46	13°29	13°28	20°54	29°35	F 4
S 5	0 53 53	11°33'35	19° 9	29♎53	14°43	10°12	26°35	19°46	17°31	12°36	29°45	13°29	13°25	21° 1	29°32	S 5
S 6	0 57 49	12°32'38	1♊ 5	29°31	15°58	10°49	26°42	19°53	17°34	12°38	29°44	13°29	13°22	21° 7	29°30	S 6
M 7	1 1 46	13°31'42	13°11	29° 2	17°13	11°27	26°50	20° 1	17°36	12°40	29°44	13°R29	13°19	21°14	29°27	M 7
T 8	1 5 43	14°30'49	25°29	28°25	18°28	12° 4	26°58	20° 8	17°39	12°42	29°43	13°29	13°16	21°21	29°24	T 8
W 9	1 9 39	15°29'58	8♋ 4	27°40	19°43	12°42	27° 6	20°15	17°41	12°44	29°42	13°29	13°13	21°27	29°22	W 9
T 10	1 13 36	16°29'10	20°59	26°48	20°58	13°19	27°15	20°22	17°44	12°46	29°41	13°D29	13° 9	21°34	29°19	T 10
F 11	1 17 32	17°28'24	4♌17	25°49	22°12	13°56	27°23	20°29	17°46	12°48	29°41	13°29	13° 6	21°41	29°16	F 11
S 12	1 21 29	18°27'40	18° 2	24°45	23°27	14°34	27°32	20°36	17°48	12°50	29°40	13°30	13° 3	21°47	29°13	S 12
S 13	1 25 25	19°26'58	2♍13	23°36	24°42	15°11	27°40	20°43	17°50	12°53	29°39	13°30	13° 0	21°54	29°11	S 13
M14	1 29 22	20°26'19	16°48	22°25	25°57	15°49	27°49	20°50	17°52	12°55	29°38	13°31	12°57	22° 1	29° 8	M14
T 15	1 33 18	21°25'42	1♎44	21°13	27°12	16°26	27°58	20°57	17°55	12°57	29°37	13°31	12°54	22° 7	29° 5	T 15
W16	1 37 15	22°25'07	16°53	20° 2	28°27	17° 3	28° 7	21° 3	17°57	12°59	29°36	13°R31	12°50	22°14	29° 2	W16
T 17	1 41 12	23°24'34	2♏ 7	18°54	29°42	17°41	28°16	21°10	17°59	13° 1	29°36	13°31	12°47	22°20	28°59	T 17
F 18	1 45 8	24°24'03	17°14	17°52	0♏57	18°18	28°25	21°17	18° 1	13° 3	29°35	13°30	12°44	22°27	28°56	F 18
S 19	1 49 5	25°23'34	2♐ 7	16°57	2°12	18°55	28°35	21°24	18° 3	13° 5	29°34	13°29	12°41	22°34	28°54	S 19
S 20	1 53 1	26°23'07	16°38	16°10	3°27	19°32	28°44	21°30	18° 5	13° 8	29°33	13°27	12°38	22°40	28°51	S 20
M21	1 56 58	27°22'42	0♑44	15°33	4°42	20° 9	28°54	21°37	18° 6	13°10	29°32	13°26	12°34	22°47	28°48	M21
T 22	2 0 54	28°22'18	14°22	15° 7	5°57	20°47	29° 3	21°44	18° 8	13°12	29°31	13°25	12°31	22°54	28°45	T 22
W23	2 4 51	29°21'56	27°33	14°51	7°12	21°24	29°13	21°50	18°10	13°14	29°30	13°D24	12°28	23° 0	28°42	W23
T 24	2 8 47	0♏21'36	10♒21	14°D48	8°27	22° 1	29°23	21°57	18°12	13°16	29°29	13°24	12°25	23° 7	28°39	T 24
F 25	2 12 44	1°21'18	22°49	14°55	9°42	22°38	29°33	22° 3	18°13	13°18	29°28	13°25	12°22	23°14	28°37	F 25
S 26	2 16 41	2°21'01	5♓ 0	15°13	10°57	23°15	29°43	22° 9	18°15	13°21	29°27	13°27	12°19	23°20	28°34	S 26
S 27	2 20 37	3°20'46	17° 1	15°40	12°12	23°52	29°54	22°16	18°16	13°23	29°26	13°28	12°15	23°27	28°31	S 27
M28	2 24 34	4°20'33	28°54	16°18	13°27	24°29	0♑ 4	22°22	18°18	13°25	29°25	13°30	12°12	23°34	28°28	M28
T 29	2 28 30	5°20'21	10♈42	17° 3	14°42	25° 6	0°15	22°28	18°19	13°27	29°24	13°R31	12° 9	23°40	28°25	T 29
W30	2 32 27	6°20'12	22°29	17°57	15°57	25°43	0°25	22°34	18°21	13°30	29°23	13°30	12° 6	23°47	28°23	W30
T 31	2 36 23	7♏20'04	4♉18	18♎57	17♏12	26♍20	0♑36	22♍40	18♌22	13♏32	29♉22	13♎29	12♎ 3	23♈54	28♈20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3 s 2	1n44	1n 4	14s56	3s40	2s40	1n17	9n50	1n15	23s15	0n 7	5n53	1n48	16n15	0n39	13s56	1n43	6n21	14s 2	5s19	5s23	7n27	11n37	0n16
W 2	3 25	5 23	0s 1	14 59	3 41	3 10	1 16	9 36	1 15	23 16	0 6	5 50	1 48	16 14	0 39	13 57	1 43	6 21	14 3	5 19	5 21	7 29	11 36	0 16
T 3	3 48	8 49	1 6	14 59	3 41	3 40	1 15	9 23	1 15	23 16	0 6	5 48	1 48	16 13	0 39	13 57	1 43	6 20	14 3	5 19	5 20	7 30	11 35	0 16
F 4	4 11	11 55	2 9	14 56	3 40	4 10	1 14	9 9	1 16	23 16	0 6	5 45	1 48	16 12	0 39	13 58	1 43	6 20	14 3	5 19	5 19	7 32	11 34	0 16
S 5	4 34	14 31	3 6	14 49	3 37	4 40	1 13	8 54	1 16	23 17	0 6	5 42	1 48	16 11	0 39	13 59	1 43	6 20	14 3	5 19	5 18	7 34	11 33	0 16
S 6	4 57	16 31	3 55	14 37	3 33	5 10	1 12	8 40	1 16	23 17	0 6	5 40	1 48	16 11	0 39	13 59	1 43	6 20	14 3	5 19	5 16	7 35	11 32	0 16
M 7	5 20	17 49	4 35	14 21	3 28	5 40	1 11	8 26	1 16	23 17	0 6	5 37	1 48	16 10	0 39	14 0	1 43	6 19	14 4	5 19	5 15	7 37	11 31	0 15
T 8	5 43	18 18	5 3	14 1	3 20	6 10	1 9	8 12	1 16	23 18	0 6	5 34	1 48	16 9	0 39	14 1	1 43	6 19	14 4	5 19	5 14	7 39	11 30	0 15
W 9	6 6	17 54	5 17	13 36	3 11	6 39	1 8	7 58	1 16	23 18	0 6	5 31	1 49	16 9	0 39	14 1	1 43	6 19	14 4	5 19	5 13	7 40	11 29	0 15
T 10	6 29	16 35	5 15	13 7	3 0	7 9	1 6	7 44	1 16	23 18	0 5	5 29	1 49	16 8	0 39	14 2	1 42	6 18	14 4	5 19	5 11	7 42	11 28	0 15
F 11	6 51	14 21	4 57	12 34	2 47	7 38	1 5	7 29	1 17	23 18	0 5	5 26	1 49	16 7	0 39	14 3	1 42	6 18	14 4	5 19	5 10	7 44	11 26	0 15
S 12	7 14	11 15	4 22	11 57	2 33	8 7	1 3	7 15	1 17	23 19	0 5	5 24	1 49	16 7	0 39	14 3	1 42	6 18	14 4	5 19	5 9	7 45	11 25	0 15
S 13	7 36	7 24	3 30	11 16	2 16	8 36	1 2	7 1	1 17	23 19	0 5	5 21	1 49	16 6	0 39	14 4	1 42	6 17	14 5	5 20	5 8	7 47	11 24	0 15
M14	7 59	3 0	2 23	10 33	1 59	9 5	1 0	6 46	1 17	23 19	0 5	5 18	1 49	16 5	0 40	14 4	1 42	6 17	14 5	5 20	5 7	7 49	11 23	0 15
T 15	8 21	1s41	1 5	9 48	1 39	9 34	0 58	6 32	1 17	23 19	0 5	5 16	1 49	16 5	0 40	14 5	1 42	6 17	14 5	5 20	5 5	7 50	11 22	0 15
W16	8 43	6 21	0n19	9 3	1 19	10 2	0 57	6 18	1 17	23 20	0 5	5 13	1 49	16 4	0 40	14 6	1 42	6 16	14 5	5 20	5 4	7 52	11 21	0 15
T 17	9 5	10 36	1 41	8 19	0 59	10 30	0 55	6 3	1 17	23 20	0 5	5 11	1 50	16 4	0 40	14 6	1 42	6 16	14 5	5 20	5 3	7 54	11 20	0 15
F 18	9 27	14 8	2 57	7 36	0 38	10 58	0 53	5 49	1 18	23 20	0 4	5 8	1 50	16 3	0 40	14 7	1 42	6 16	14 5	5 19	5 2	7 55	11 19	0 15
S 19	9 49	16 40	3 58	6 56	0 18	11 26	0 51	5 34	1 18	23 20	0 4	5 6	1 50	16 2	0 40	14 8	1 42	6 15	14 6	5 19	5 0	7 57	11 18	0 15
S 20	10 10	18 3	4 43	6 19	0n 2	11 53	0 49	5 20	1 18	23 21	0 4	5 3	1 50	16 2	0 40	14 8	1 42	6 15	14 6	5 18	4 59	7 59	11 17	0 14
M21	10 32	18 16	5 9	5 48	0 21	12 20	0 47	5 5	1 18	23 21	0 4	5 1	1 50	16 1	0 40	14 9	1 42	6 15	14 6	5 18	4 58	8 0	11 16	0 14
T 22	10 53	17 24	5 17	5 22	0 38	12 47	0 45	4 51	1 18	23 21	0 4	4 58	1 50	16 1	0 40	14 10	1 42	6 14	14 6	5 17	4 57	8 2	11 15	0 14
W23	11 14	15 36	5 7	5 1	0 54	13 13	0 43	4 36	1 18	23 21	0 4	4 56	1 51	16 0	0 40	14 10	1 42	6 14	14 6	5 17	4 55	8 4	11 14	0 14
T 24	11 35	13 5	4 43	4 46	1 9	13 40	0 41	4 22	1 18	23 21	0 4	4 53	1 51	16 0	0 40	14 11	1 42	6 14	14 6	5 17	4 54	8 5	11 13	0 14
F 25	11 56	10 2	4 5	4 37	1 22	14 5	0 39	4 7	1 18	23 22	0 4	4 51	1 51	15 59	0 40	14 12	1 42	6 14	14 6	5 18	4 53	8 7	11 11	0 14
S 26	12 17	6 36	3 17	4 33	1 33	14 31	0 37	3 53	1 18	23 22	0 4	4 49	1 51	15 59	0 40	14 12	1 42	6 13	14 6	5 18	4 52	8 9	11 10	0 14
S 27	12 37	2 57	2 21	4 35	1 43	14 56	0 35	3 38	1 19	23 22	0 3	4 46	1 51	15 58	0 40	14 13	1 42	6 13	14 6	5 19	4 50	8 10	11 9	0 14
M28	12 57	0n47	1 20	4 42	1 51	15 21	0 33	3 24	1 19	23 22	0 3	4 44	1 51	15 58	0 40	14 14	1 42	6 13	14 7	5 19	4 49	8 12	11 8	0 14
T 29	13 17	4 28	0 16	4 54	1 57	15 45	0 30	3 9	1 19	23 22	0 3	4 42	1 52	15 58	0 40	14 14	1 42	6 12	14 7	5 20	4 48	8 13	11 7	0 14
W30	13 37	7 59	0s49	5 9	2 2	16 9	0 28	2 54	1 19	23 22	0 3	4 39	1 52	15 57	0 40	14 15	1 42	6 12	14 7	5 20	4 47	8 15	11 6	0 14
T 31	13s57	11n11	1s52	5s29	2n 6	16s33	0n26	2n40	1n19	23s22	0n 3	4n37	1n52	15n57	0n40	14s16	1n42	6n12	14s 7	5s19	4s45	8n17	11n 5	0n14

Julian Day Number = 2497838.5, Delta T = 107.07 sec
Ecliptic obliquity = 23°25'14, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°30'41, Lahiri = 25°37'41

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ASTRODIENST EPHEMERIS for the year 2126
geocentric

NOVEMBER 2126 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 40 20	8♏19'58	16♉11	20♎ 4	18♏27	26♍57	0♑46	22♍47	18♌23	13♏34	29°R21	13°R26	11♎59	24♈ 0	28°R17	F 1
S 2	2 44 16	9°19'54	28° 9	21°15	19°42	27°34	0°57	22°53	18°25	13°36	29♉20	13♎22	11°56	24° 7	28♈14	S 2
S 3	2 48 13	10°19'53	10♊14	22°31	20°57	28°11	1° 8	22°58	18°26	13°39	29°19	13°17	11°53	24°13	28°11	S 3
M 4	2 52 9	11°19'53	22°28	23°51	22°12	28°48	1°19	23° 4	18°27	13°41	29°18	13°13	11°50	24°20	28° 9	M 4
T 5	2 56 6	12°19'55	4♋54	25°14	23°27	29°25	1°30	23°10	18°28	13°43	29°17	13° 8	11°47	24°27	28° 6	T 5
W 6	3 0 3	13°20'00	17°32	26°40	24°42	0♎ 1	1°42	23°16	18°29	13°45	29°16	13° 4	11°44	24°33	28° 3	W 6
T 7	3 3 59	14°20'06	0♌27	28° 8	25°57	0°38	1°53	23°22	18°30	13°47	29°15	13° 2	11°40	24°40	28° 1	T 7
F 8	3 7 56	15°20'15	13°40	29°38	27°12	1°15	2° 4	23°27	18°31	13°50	29°14	13°D 1	11°37	24°47	27°58	F 8
S 9	3 11 52	16°20'25	27°14	1♏10	28°27	1°52	2°16	23°33	18°32	13°52	29°13	13° 2	11°34	24°53	27°55	S 9
S 10	3 15 49	17°20'38	11♍10	2°42	29°42	2°28	2°27	23°38	18°33	13°54	29°11	13° 3	11°31	25° 0	27°53	S 10
M11	3 19 45	18°20'53	25°29	4°16	0♐57	3° 5	2°39	23°44	18°34	13°56	29°10	13° 4	11°28	25° 7	27°50	M11
T 12	3 23 42	19°21'09	10♎ 9	5°51	2°12	3°42	2°51	23°49	18°34	13°59	29° 9	13°R 5	11°25	25°13	27°47	T 12
W13	3 27 38	20°21'28	25° 5	7°26	3°27	4°19	3° 3	23°54	18°35	14° 1	29° 8	13° 5	11°21	25°20	27°45	W13
T 14	3 31 35	21°21'49	10♏10	9° 1	4°42	4°55	3°14	23°59	18°35	14° 3	29° 7	13° 2	11°18	25°27	27°42	T 14
F 15	3 35 32	22°22'11	25°16	10°37	5°57	5°32	3°26	24° 5	18°36	14° 5	29° 6	12°58	11°15	25°33	27°40	F 15
S 16	3 39 28	23°22'35	10♐13	12°13	7°12	6° 8	3°38	24°10	18°37	14° 8	29° 5	12°52	11°12	25°40	27°37	S 16
S 17	3 43 25	24°23'01	24°52	13°49	8°27	6°45	3°51	24°15	18°37	14°10	29° 4	12°46	11° 9	25°47	27°35	S 17
M18	3 47 21	25°23'28	9♑ 7	15°25	9°43	7°21	4° 3	24°19	18°37	14°12	29° 3	12°39	11° 5	25°53	27°32	M18
T 19	3 51 18	26°23'57	22°54	17° 2	10°58	7°58	4°15	24°24	18°38	14°14	29° 1	12°33	11° 2	26° 0	27°30	T 19
W20	3 55 14	27°24'27	6♒13	18°38	12°13	8°34	4°27	24°29	18°38	14°17	29° 0	12°29	10°59	26° 6	27°27	W20
T 21	3 59 11	28°24'58	19° 4	20°14	13°28	9°11	4°40	24°34	18°38	14°19	28°59	12°27	10°56	26°13	27°25	T 21
F 22	4 3 8	29°25'30	1♓33	21°50	14°43	9°47	4°52	24°38	18°38	14°21	28°58	12°D26	10°53	26°20	27°23	F 22
S 23	4 7 4	0♐26'04	13°43	23°25	15°58	10°23	5° 5	24°43	18°38	14°23	28°57	12°27	10°50	26°26	27°21	S 23
S 24	4 11 1	1°26'38	25°41	25° 1	17°13	11° 0	5°17	24°47	18°R38	14°25	28°56	12°29	10°46	26°33	27°18	S 24
M25	4 14 57	2°27'14	7♈30	26°37	18°28	11°36	5°30	24°51	18°38	14°27	28°55	12°R30	10°43	26°40	27°16	M25
T 26	4 18 54	3°27'52	19°17	28°12	19°43	12°12	5°43	24°56	18°38	14°30	28°54	12°29	10°40	26°46	27°14	T 26
W27	4 22 50	4°28'30	1♉ 5	29°47	20°58	12°48	5°55	25° 0	18°38	14°32	28°52	12°27	10°37	26°53	27°12	W27
T 28	4 26 47	5°29'10	12°57	1♐22	22°13	13°25	6° 8	25° 4	18°38	14°34	28°51	12°23	10°34	27° 0	27°10	T 28
F 29	4 30 43	6°29'51	24°57	2°57	23°28	14° 1	6°21	25° 8	18°38	14°36	28°50	12°16	10°31	27° 6	27° 8	F 29
S 30	4 34 40	7♐30'33	7♊ 5	4♐32	24♐43	14♎37	6♑34	25♍12	18♌37	14♏38	28♉49	12♎ 7	10♎27	27♈13	27♈ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s16	13n57	2s50	5s52	2n 8	16s56	0n23	2n25	1n19	23s22	0n 3	4n35	1n52	15n56	0n40	14s16	1n42	6n11	14s 7	5s18	4s44	8n18	11n 4	0n13
S 2	14 35	16 8	3 41	6 17	2 9	17 18	0 21	2 11	1 19	23 22	0 3	4 33	1 52	15 56	0 40	14 17	1 42	6 11	14 7	5 16	4 43	8 20	11 3	0 13
S 3	14 54	17 38	4 23	6 45	2 9	17 41	0 19	1 56	1 19	23 22	0 3	4 31	1 53	15 56	0 40	14 18	1 42	6 11	14 7	5 15	4 42	8 22	11 2	0 13
M 4	15 13	18 20	4 53	7 15	2 9	18 2	0 16	1 41	1 19	23 22	0 3	4 28	1 53	15 55	0 40	14 18	1 42	6 11	14 7	5 13	4 41	8 23	11 1	0 13
T 5	15 32	18 10	5 10	7 47	2 7	18 24	0 14	1 27	1 19	23 22	0 2	4 26	1 53	15 55	0 40	14 19	1 42	6 10	14 7	5 11	4 39	8 25	11 0	0 13
W 6	15 50	17 7	5 12	8 20	2 5	18 45	0 12	1 12	1 19	23 22	0 2	4 24	1 53	15 55	0 40	14 20	1 42	6 10	14 7	5 9	4 38	8 27	10 59	0 13
T 7	16 8	15 10	4 59	8 54	2 2	19 5	0 9	0 58	1 20	23 22	0 2	4 22	1 53	15 55	0 40	14 20	1 42	6 10	14 7	5 9	4 37	8 28	10 58	0 13
F 8	16 25	12 24	4 30	9 29	1 58	19 25	0 7	0 43	1 20	23 22	0 2	4 20	1 53	15 54	0 41	14 21	1 42	6 10	14 7	5 8	4 36	8 30	10 57	0 13
S 9	16 43	8 54	3 45	10 5	1 54	19 44	0 4	0 29	1 20	23 22	0 2	4 18	1 54	15 54	0 41	14 22	1 42	6 9	14 7	5 8	4 34	8 31	10 56	0 13
S 10	17 0	4 49	2 46	10 41	1 50	20 3	0 2	0 14	1 20	23 22	0 2	4 16	1 54	15 54	0 41	14 22	1 42	6 9	14 7	5 9	4 33	8 33	10 55	0 13
M11	17 17	0 21	1 35	11 17	1 45	20 21	0s 1	0s 0	1 20	23 22	0 2	4 14	1 54	15 54	0 41	14 23	1 42	6 9	14 7	5 9	4 32	8 35	10 53	0 13
T 12	17 33	4s16	0 16	11 54	1 39	20 38	0 3	0 15	1 20	23 22	0 2	4 12	1 54	15 54	0 41	14 24	1 42	6 9	14 7	5 10	4 31	8 36	10 52	0 13
W13	17 49	8 41	1n 5	12 30	1 34	20 55	0 6	0 29	1 20	23 21	0 2	4 10	1 55	15 53	0 41	14 24	1 42	6 8	14 7	5 10	4 29	8 38	10 51	0 12
T 14	18 5	12 36	2 22	13 6	1 28	21 12	0 8	0 44	1 20	23 21	0 2	4 8	1 55	15 53	0 41	14 25	1 42	6 8	14 8	5 9	4 28	8 39	10 50	0 12
F 15	18 21	15 41	3 29	13 42	1 22	21 27	0 11	0 58	1 20	23 21	0 1	4 7	1 55	15 53	0 41	14 26	1 42	6 8	14 8	5 7	4 27	8 41	10 49	0 12
S 16	18 36	17 39	4 21	14 18	1 15	21 43	0 13	1 13	1 20	23 21	0 1	4 5	1 55	15 53	0 41	14 26	1 42	6 8	14 8	5 5	4 26	8 43	10 49	0 12
S 17	18 51	18 24	4 55	14 53	1 9	21 57	0 16	1 27	1 20	23 21	0 1	4 3	1 55	15 53	0 41	14 27	1 42	6 7	14 8	5 2	4 24	8 44	10 48	0 12
M18	19 6	17 58	5 9	15 27	1 2	22 11	0 18	1 41	1 20	23 20	0 1	4 1	1 56	15 53	0 41	14 28	1 42	6 7	14 8	5 0	4 23	8 46	10 47	0 12
T 19	19 20	16 28	5 5	16 1	0 56	22 24	0 21	1 56	1 20	23 20	0 1	4 0	1 56	15 53	0 41	14 28	1 42	6 7	14 7	4 57	4 22	8 48	10 46	0 12
W20	19 34	14 7	4 44	16 34	0 49	22 37	0 23	2 10	1 20	23 20	0 1	3 58	1 56	15 53	0 41	14 29	1 42	6 7	14 7	4 56	4 21	8 49	10 45	0 12
T 21	19 47	11 9	4 9	17 7	0 42	22 49	0 25	2 24	1 20	23 19	0 1	3 56	1 56	15 53	0 41	14 30	1 42	6 7	14 7	4 55	4 19	8 51	10 44	0 12
F 22	20 1	7 45	3 23	17 38	0 35	23 0	0 28	2 38	1 20	23 19	0 1	3 55	1 57	15 53	0 41	14 30	1 42	6 6	14 7	4 55	4 18	8 52	10 43	0 12
S 23	20 14	4 6	2 29	18 9	0 28	23 11	0 30	2 53	1 20	23 19	0 1	3 53	1 57	15 53	0 41	14 31	1 42	6 6	14 7	4 55	4 17	8 54	10 42	0 12
S 24	20 26	0 21	1 30	18 40	0 21	23 21	0 33	3 7	1 20	23 18	0 1	3 52	1 57	15 53	0 41	14 31	1 42	6 6	14 7	4 56	4 16	8 56	10 41	0 12
M25	20 38	3n23	0 27	19 9	0 15	23 30	0 35	3 21	1 20	23 18	0 0	3 50	1 57	15 53	0 41	14 32	1 42	6 6	14 7	4 56	4 14	8 57	10 40	0 11
T 26	20 50	6 59	0s37	19 37	0 8	23 39	0 38	3 35	1 21	23 17	0 0	3 49	1 57	15 53	0 41	14 33	1 42	6 6	14 7	4 56	4 13	8 59	10 39	0 11
W27	21 1	10 18	1 38	20 5	0 1	23 47	0 40	3 49	1 21	23 17	0 0	3 47	1 58	15 53	0 41	14 33	1 42	6 5	14 7	4 55	4 12	9 0	10 39	0 11
T 28	21 12	13 14	2 36	20 31	0s 6	23 54	0 42	4 3	1 21	23 17	0 0	3 46	1 58	15 53	0 41	14 34	1 42	6 5	14 7	4 53	4 11	9 2	10 38	0 11
F 29	21 23	15 38	3 28	20 56	0 13	24 0	0 45	4 17	1 21	23 16	0 0	3 45	1 58	15 53	0 41	14 34	1 42	6 5	14 7	4 51	4 9	9 4	10 37	0 11
S 30	21s33	17n22	4s10	21s21	0s19	24s 6	0s47	4s31	1n21	23s15	0s 0	3n43	1n58	15n53	0n41	14s35	1n42	6n 5	14s 7	4s47	4s 8	9n 5	10n36	0n11

Julian Day Number = 2497869.5, Delta T = 107.11 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°30'45, Lahiri = 25°37'45

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ASTRODIENST EPHEMERIS for the year 2126
geocentric

DECEMBER 2126 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 38 36	8♐31'17	19♊25	6♐ 6	25♐58	15♎13	6♑47	25♍15	18°R37	14♏40	28°R48	11°R56	10♎24	27♈20	27°R 4	S 1
M 2	4 42 33	9°32'02	1♋54	7°41	27°13	15°49	7° 0	25°19	18♌37	14°42	28♉47	11♎45	10°21	27°26	27♈ 2	M 2
T 3	4 46 30	10°32'48	14°36	9°15	28°28	16°25	7°13	25°23	18°36	14°44	28°46	11°34	10°18	27°33	27° 0	T 3
W 4	4 50 26	11°33'36	27°28	10°50	29°43	17° 1	7°26	25°26	18°36	14°46	28°45	11°25	10°15	27°40	26°58	W 4
T 5	4 54 23	12°34'25	10♌33	12°24	0♑58	17°37	7°39	25°30	18°35	14°48	28°44	11°18	10°11	27°46	26°56	T 5
F 6	4 58 19	13°35'15	23°51	13°58	2°13	18°13	7°52	25°33	18°35	14°51	28°42	11°14	10° 8	27°53	26°55	F 6
S 7	5 2 16	14°36'07	7♍22	15°32	3°28	18°49	8° 6	25°36	18°34	14°53	28°41	11°12	10° 5	28° 0	26°53	S 7
S 8	5 6 12	15°37'00	21° 9	17° 7	4°43	19°25	8°19	25°39	18°33	14°55	28°40	11°D12	10° 2	28° 6	26°51	S 8
M 9	5 10 9	16°37'54	5♎12	18°41	5°58	20° 1	8°32	25°42	18°32	14°57	28°39	11°R13	9°59	28°13	26°50	M 9
T 10	5 14 6	17°38'50	19°31	20°15	7°13	20°36	8°46	25°45	18°32	14°59	28°38	11°12	9°56	28°20	26°48	T 10
W11	5 18 2	18°39'47	4♏ 4	21°49	8°28	21°12	8°59	25°48	18°31	15° 0	28°37	11°11	9°52	28°26	26°47	W11
T 12	5 21 59	19°40'46	18°47	23°23	9°43	21°48	9°12	25°51	18°30	15° 2	28°36	11° 6	9°49	28°33	26°45	T 12
F 13	5 25 55	20°41'45	3♐34	24°58	10°58	22°23	9°26	25°54	18°29	15° 4	28°35	10°58	9°46	28°39	26°44	F 13
S 14	5 29 52	21°42'46	18°17	26°32	12°13	22°59	9°40	25°56	18°28	15° 6	28°34	10°48	9°43	28°46	26°42	S 14
S 15	5 33 48	22°43'47	2♑49	28° 6	13°28	23°35	9°53	25°59	18°27	15° 8	28°33	10°37	9°40	28°53	26°41	S 15
M16	5 37 45	23°44'49	17° 1	29°41	14°43	24°10	10° 7	26° 1	18°25	15°10	28°32	10°25	9°37	28°59	26°40	M16
T 17	5 41 41	24°45'52	0♒49	1♑16	15°57	24°46	10°20	26° 3	18°24	15°12	28°31	10°14	9°33	29° 6	26°39	T 17
W18	5 45 38	25°46'55	14°11	2°50	17°12	25°21	10°34	26° 5	18°23	15°14	28°30	10° 6	9°30	29°13	26°37	W18
T 19	5 49 35	26°47'59	27° 7	4°25	18°27	25°56	10°48	26° 7	18°22	15°15	28°29	10° 0	9°27	29°19	26°36	T 19
F 20	5 53 31	27°49'03	9♓39	6° 0	19°42	26°32	11° 1	26° 9	18°20	15°17	28°28	9°56	9°24	29°26	26°35	F 20
S 21	5 57 28	28°50'07	21°51	7°35	20°57	27° 7	11°15	26°11	18°19	15°19	28°27	9°55	9°21	29°33	26°34	S 21
S 22	6 1 24	29°51'12	3♈50	9°10	22°12	27°42	11°29	26°13	18°18	15°21	28°26	9°55	9°17	29°39	26°33	S 22
M23	6 5 21	0♑52'17	15°40	10°45	23°27	28°17	11°43	26°14	18°16	15°22	28°25	9°55	9°14	29°46	26°32	M23
T 24	6 9 17	1°53'23	27°27	12°20	24°42	28°52	11°56	26°16	18°15	15°24	28°24	9°53	9°11	29°53	26°32	T 24
W25	6 13 14	2°54'28	9♉16	13°55	25°57	29°28	12°10	26°17	18°13	15°26	28°23	9°50	9° 8	29°59	26°31	W25
T 26	6 17 10	3°55'34	21°12	15°30	27°11	0♏ 3	12°24	26°18	18°11	15°27	28°22	9°44	9° 5	0♉ 6	26°30	T 26
F 27	6 21 7	4°56'40	3♊19	17° 5	28°26	0°38	12°38	26°19	18°10	15°29	28°22	9°36	9° 2	0°13	26°30	F 27
S 28	6 25 4	5°57'47	15°39	18°40	29°41	1°12	12°52	26°21	18° 8	15°31	28°21	9°24	8°58	0°19	26°29	S 28
S 29	6 29 0	6°58'54	28°13	20°15	0♒56	1°47	13° 5	26°21	18° 6	15°32	28°20	9°11	8°55	0°26	26°28	S 29
M30	6 32 57	8° 0'01	11♋ 1	21°49	2°11	2°22	13°19	26°22	18° 4	15°34	28°19	8°57	8°52	0°33	26°28	M30
T 31	6 36 53	9♑ 1'08	24♋ 4	23♑23	3♒25	2♏57	13♑33	26♍23	18♌ 3	15♏35	28♉18	8♎43	8♎49	0♉39	26♈27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s42	18n19	4s42	21s44	0s26	24s11	0s49	4s45	1n21	23s15	0s 0	3n42	1n59	15n53	0n41	14s36	1n42	6n 5	14s 7	4s43	4s 7	9n 7	10n35	0n11
M 2	21 52	18 24	5 0	22 6	0 32	24 15	0 51	4 59	1 21	23 14	0 0	3 41	1 59	15 54	0 42	14 36	1 42	6 5	14 7	4 39	4 6	9 8	10 35	0 11
T 3	22 1	17 35	5 4	22 28	0 39	24 18	0 54	5 13	1 21	23 14	0 0	3 40	1 59	15 54	0 42	14 37	1 42	6 5	14 7	4 34	4 4	9 10	10 34	0 11
W 4	22 9	15 52	4 53	22 48	0 45	24 21	0 56	5 26	1 21	23 13	0 0	3 38	1 59	15 54	0 42	14 37	1 43	6 4	14 7	4 31	4 3	9 11	10 33	0 11
T 5	22 17	13 18	4 26	23 7	0 51	24 23	0 58	5 40	1 21	23 12	0 1	3 37	2 0	15 54	0 42	14 38	1 43	6 4	14 7	4 28	4 2	9 13	10 32	0 11
F 6	22 25	10 1	3 45	23 24	0 57	24 24	1 0	5 54	1 21	23 12	0 1	3 36	2 0	15 54	0 42	14 39	1 43	6 4	14 6	4 27	4 1	9 15	10 32	0 11
S 7	22 32	6 10	2 50	23 41	1 3	24 25	1 2	6 7	1 21	23 11	0 1	3 35	2 0	15 55	0 42	14 39	1 43	6 4	14 6	4 26	3 59	9 16	10 31	0 10
S 8	22 39	1 54	1 45	23 56	1 9	24 24	1 4	6 21	1 21	23 10	0 1	3 34	2 1	15 55	0 42	14 40	1 43	6 4	14 6	4 26	3 58	9 18	10 30	0 10
M 9	22 45	2s33	0 32	24 10	1 14	24 23	1 6	6 34	1 21	23 10	0 1	3 33	2 1	15 55	0 42	14 40	1 43	6 4	14 6	4 26	3 57	9 19	10 30	0 10
T 10	22 51	6 57	0n44	24 23	1 20	24 21	1 8	6 48	1 21	23 9	0 1	3 32	2 1	15 56	0 42	14 41	1 43	6 4	14 6	4 26	3 56	9 21	10 29	0 10
W11	22 56	11 0	1 59	24 35	1 25	24 19	1 10	7 1	1 21	23 8	0 1	3 31	2 1	15 56	0 42	14 41	1 43	6 4	14 6	4 25	3 54	9 22	10 28	0 10
T 12	23 1	14 25	3 6	24 45	1 30	24 16	1 12	7 14	1 21	23 7	0 1	3 31	2 2	15 56	0 42	14 42	1 43	6 4	14 6	4 23	3 53	9 24	10 28	0 10
F 13	23 6	16 54	4 1	24 54	1 35	24 12	1 14	7 28	1 20	23 6	0 1	3 30	2 2	15 57	0 42	14 42	1 43	6 4	14 6	4 20	3 52	9 26	10 27	0 10
S 14	23 10	18 16	4 39	25 2	1 39	24 7	1 16	7 41	1 20	23 5	0 1	3 29	2 2	15 57	0 42	14 43	1 43	6 3	14 5	4 16	3 51	9 27	10 27	0 10
S 15	23 13	18 24	4 59	25 8	1 43	24 1	1 17	7 54	1 20	23 5	0 1	3 28	2 2	15 57	0 42	14 43	1 43	6 3	14 5	4 12	3 49	9 29	10 26	0 10
M16	23 16	17 23	5 0	25 13	1 48	23 55	1 19	8 7	1 20	23 4	0 2	3 28	2 3	15 58	0 42	14 44	1 43	6 3	14 5	4 7	3 48	9 30	10 25	0 10
T 17	23 19	15 21	4 43	25 16	1 51	23 48	1 21	8 20	1 20	23 3	0 2	3 27	2 3	15 58	0 42	14 44	1 43	6 3	14 5	4 3	3 47	9 32	10 25	0 10
W18	23 21	12 33	4 11	25 18	1 55	23 40	1 22	8 33	1 20	23 2	0 2	3 26	2 3	15 58	0 42	14 45	1 43	6 3	14 5	4 0	3 46	9 33	10 24	0 9
T 19	23 23	9 14	3 26	25 19	1 58	23 32	1 24	8 46	1 20	23 1	0 2	3 26	2 3	15 59	0 42	14 45	1 43	6 3	14 5	3 57	3 45	9 35	10 24	0 9
F 20	23 24	5 35	2 33	25 18	2 1	23 23	1 25	8 59	1 20	23 0	0 2	3 25	2 4	15 59	0 42	14 46	1 43	6 3	14 4	3 56	3 43	9 37	10 24	0 9
S 21	23 25	1 47	1 34	25 16	2 4	23 13	1 27	9 11	1 20	22 59	0 2	3 25	2 4	16 0	0 42	14 46	1 43	6 3	14 4	3 55	3 42	9 38	10 23	0 9
S 22	23 25	2n 1	0 32	25 12	2 6	23 2	1 28	9 24	1 20	22 58	0 2	3 24	2 4	16 0	0 42	14 47	1 43	6 3	14 4	3 55	3 41	9 40	10 23	0 9
M23	23 25	5 42	0s31	25 7	2 8	22 51	1 29	9 37	1 20	22 56	0 2	3 24	2 5	16 1	0 42	14 47	1 43	6 3	14 4	3 55	3 40	9 41	10 22	0 9
T 24	23 24	9 8	1 32	25 0	2 10	22 39	1 30	9 49	1 20	22 55	0 2	3 24	2 5	16 1	0 42	14 48	1 43	6 3	14 4	3 55	3 38	9 43	10 22	0 9
W25	23 23	12 13	2 29	24 52	2 11	22 26	1 32	10 2	1 20	22 54	0 2	3 23	2 5	16 2	0 42	14 48	1 43	6 3	14 4	3 54	3 37	9 44	10 22	0 9
T 26	23 22	14 50	3 20	24 42	2 12	22 13	1 33	10 14	1 20	22 53	0 3	3 23	2 5	16 2	0 42	14 49	1 43	6 3	14 3	3 51	3 36	9 46	10 21	0 9
F 27	23 20	16 50	4 3	24 31	2 12	21 59	1 34	10 26	1 20	22 52	0 3	3 23	2 6	16 3	0 42	14 49	1 43	6 3	14 3	3 48	3 35	9 47	10 21	0 9
S 28	23 17	18 5	4 35	24 18	2 12	21 45	1 35	10 38	1 20	22 51	0 3	3 23	2 6	16 3	0 43	14 49	1 43	6 3	14 3	3 43	3 33	9 49	10 21	0 9
S 29	23 14	18 30	4 55	24 4	2 12	21 29	1 36	10 51	1 19	22 49	0 3	3 23	2 6	16 4	0 43	14 50	1 43	6 3	14 3	3 38	3 32	9 51	10 20	0 9
M30	23 11	17 59	5 0	23 48	2 10	21 14	1 37	11 3	1 19	22 48	0 3	3 23	2 7	16 5	0 43	14 50	1 43	6 3	14 2	3 33	3 31	9 52	10 20	0 8
T 31	23s 7	16n32	4s49	23s31	2s 9	20s57	1s37	11s15	1n19	22s47	0s 3	3n23	2n 7	16n 5	0n43	14s51	1n44	6n 3	14s 2	3s27	3s30	9n54	10n20	0n 8

Julian Day Number = 2497899.5, Delta T = 107.16 sec
Ecliptic obliquity = 23°25'12, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°30'49, Lahiri = 25°37'49

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ASTRODIENST EPHEMERIS for the year 2127
geocentric

JANUARY 2127 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 40 50	10♑ 2'15	7♌19	24♑56	4♒40	3♏32	13♑47	26♍24	18°R 1	15♏37	28°R17	8°R31	8♎46	0♉46	26°R27	W 1
T 2	6 44 46	11° 3'23	20°44	26°29	5°55	4° 6	14° 1	26°24	17♌59	15°38	28♉17	8♎22	8°43	0°53	26♈27	T 2
F 3	6 48 43	12° 4'31	4♍19	28° 1	7° 9	4°41	14°15	26°24	17°57	15°40	28°16	8°16	8°39	0°59	26°27	F 3
S 4	6 52 39	13° 5'40	18° 2	29°31	8°24	5°15	14°29	26°25	17°55	15°41	28°15	8°12	8°36	1° 6	26°26	S 4
S 5	6 56 36	14° 6'48	1♎53	1♒ 1	9°39	5°50	14°43	26°25	17°53	15°43	28°14	8°11	8°33	1°13	26°26	S 5
M 6	7 0 33	15° 7'58	15°52	2°28	10°53	6°24	14°57	26°R25	17°51	15°44	28°14	8°11	8°30	1°19	26°26	M 6
T 7	7 4 29	16° 9'07	29°58	3°54	12° 8	6°59	15°11	26°25	17°49	15°45	28°13	8°11	8°27	1°26	26°D26	T 7
W 8	7 8 26	17°10'17	14♏10	5°17	13°23	7°33	15°25	26°25	17°47	15°47	28°12	8° 9	8°23	1°32	26°26	W 8
T 9	7 12 22	18°11'27	28°28	6°38	14°37	8° 7	15°38	26°24	17°45	15°48	28°11	8° 4	8°20	1°39	26°26	T 9
F 10	7 16 19	19°12'37	12♐48	7°55	15°52	8°41	15°52	26°24	17°42	15°49	28°11	7°56	8°17	1°46	26°26	F 10
S 11	7 20 15	20°13'48	27° 5	9° 8	17° 6	9°15	16° 6	26°24	17°40	15°50	28°10	7°46	8°14	1°52	26°27	S 11
S 12	7 24 12	21°14'58	11♑13	10°17	18°21	9°49	16°20	26°23	17°38	15°51	28° 9	7°34	8°11	1°59	26°27	S 12
M13	7 28 8	22°16'08	25° 7	11°20	19°35	10°23	16°34	26°22	17°36	15°53	28° 9	7°21	8° 8	2° 6	26°27	M13
T 14	7 32 5	23°17'18	8♒44	12°17	20°50	10°57	16°48	26°21	17°33	15°54	28° 8	7° 9	8° 4	2°12	26°28	T 14
W15	7 36 2	24°18'27	21°58	13° 7	22° 4	11°31	17° 2	26°21	17°31	15°55	28° 8	7° 0	8° 1	2°19	26°28	W15
T 16	7 39 58	25°19'36	4♓51	13°49	23°19	12° 5	17°16	26°19	17°29	15°56	28° 7	6°53	7°58	2°26	26°29	T 16
F 17	7 43 55	26°20'44	17°23	14°22	24°33	12°38	17°30	26°18	17°26	15°57	28° 7	6°48	7°55	2°32	26°29	F 17
S 18	7 47 51	27°21'51	29°37	14°46	25°47	13°12	17°44	26°17	17°24	15°58	28° 6	6°47	7°52	2°39	26°30	S 18
S 19	7 51 48	28°22'58	11♈37	14°59	27° 2	13°45	17°57	26°16	17°21	15°59	28° 6	6°D46	7°49	2°46	26°30	S 19
M20	7 55 44	29°24'04	23°29	15°R 2	28°16	14°18	18°11	26°14	17°19	16° 0	28° 5	6°47	7°45	2°52	26°31	M20
T 21	7 59 41	0♒25'10	5♉17	14°52	29°30	14°52	18°25	26°13	17°16	16° 1	28° 5	6°R47	7°42	2°59	26°32	T 21
W22	8 3 37	1°26'14	17° 7	14°31	0♓44	15°25	18°39	26°11	17°14	16° 2	28° 4	6°45	7°39	3° 6	26°33	W22
T 23	8 7 34	2°27'18	29° 5	13°59	1°59	15°58	18°53	26° 9	17°11	16° 3	28° 4	6°42	7°36	3°12	26°34	T 23
F 24	8 11 31	3°28'21	11♊15	13°15	3°13	16°31	19° 6	26° 7	17° 9	16° 3	28° 3	6°36	7°33	3°19	26°35	F 24
S 25	8 15 27	4°29'23	23°41	12°22	4°27	17° 4	19°20	26° 5	17° 6	16° 4	28° 3	6°27	7°29	3°26	26°36	S 25
S 26	8 19 24	5°30'24	6♋25	11°20	5°41	17°37	19°34	26° 3	17° 4	16° 5	28° 3	6°17	7°26	3°32	26°37	S 26
M27	8 23 20	6°31'24	19°29	10°11	6°55	18°10	19°47	26° 1	17° 1	16° 6	28° 2	6° 6	7°23	3°39	26°38	M27
T 28	8 27 17	7°32'23	2♌51	8°58	8° 9	18°42	20° 1	25°59	16°59	16° 6	28° 2	5°55	7°20	3°46	26°39	T 28
W29	8 31 13	8°33'22	16°30	7°42	9°23	19°15	20°15	25°56	16°56	16° 7	28° 2	5°46	7°17	3°52	26°40	W29
T 30	8 35 10	9°34'19	0♍22	6°26	10°37	19°47	20°28	25°54	16°54	16° 8	28° 1	5°39	7°14	3°59	26°42	T 30
F 31	8 39 6	10♒35'16	14♍23	5♒12	11♓51	20♏20	20♑42	25♍51	16♌51	16♏ 8	28♉ 1	5♎34	7♎10	4♉ 6	26♈43	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 2	14n11	4s24	23s12	2s 7	20s40	1s38	11s26	1n19	22s45	0s 3	3n23	2n 7	16n 6	0n43	14s51	1n44	6n 3	14s 2	3s22	3s28	9n55	10n20	0n 8
T 2	22 58	11 3	3 43	22 52	2 4	20 22	1 39	11 38	1 19	22 44	0 3	3 23	2 7	16 6	0 43	14 51	1 44	6 3	14 2	3 19	3 27	9 57	10 19	0 8
F 3	22 52	7 18	2 49	22 30	2 0	20 4	1 39	11 50	1 19	22 43	0 3	3 23	2 8	16 7	0 43	14 52	1 44	6 4	14 2	3 16	3 26	9 58	10 19	0 8
S 4	22 47	3 7	1 44	22 7	1 56	19 45	1 40	12 2	1 19	22 41	0 3	3 23	2 8	16 8	0 43	14 52	1 44	6 4	14 1	3 15	3 25	10 0	10 19	0 8
S 5	22 40	1s16	0 33	21 43	1 51	19 26	1 40	12 13	1 19	22 40	0 3	3 23	2 8	16 8	0 43	14 52	1 44	6 4	14 1	3 15	3 23	10 1	10 19	0 8
M 6	22 34	5 37	0n41	21 18	1 45	19 6	1 41	12 24	1 19	22 39	0 4	3 23	2 8	16 9	0 43	14 53	1 44	6 4	14 1	3 15	3 22	10 3	10 19	0 8
T 7	22 27	9 42	1 53	20 52	1 39	18 45	1 41	12 36	1 18	22 37	0 4	3 24	2 9	16 10	0 43	14 53	1 44	6 4	14 1	3 15	3 21	10 4	10 19	0 8
W 8	22 19	13 15	2 58	20 25	1 31	18 24	1 41	12 47	1 18	22 36	0 4	3 24	2 9	16 10	0 43	14 53	1 44	6 4	14 0	3 14	3 20	10 6	10 19	0 8
T 9	22 11	16 1	3 53	19 57	1 23	18 3	1 41	12 58	1 18	22 34	0 4	3 24	2 9	16 11	0 43	14 54	1 44	6 4	14 0	3 12	3 18	10 7	10 19	0 8
F 10	22 3	17 48	4 33	19 28	1 14	17 41	1 41	13 9	1 18	22 33	0 4	3 25	2 10	16 12	0 43	14 54	1 44	6 4	14 0	3 9	3 17	10 9	10 19	0 8
S 11	21 54	18 27	4 56	18 59	1 4	17 18	1 41	13 20	1 18	22 31	0 4	3 25	2 10	16 12	0 43	14 54	1 44	6 4	14 0	3 5	3 16	10 10	10 19	0 7
S 12	21 45	17 57	5 0	18 30	0 53	16 55	1 41	13 31	1 18	22 29	0 4	3 26	2 10	16 13	0 43	14 55	1 44	6 4	13 59	3 0	3 15	10 12	10 19	0 7
M13	21 35	16 23	4 47	18 1	0 41	16 32	1 41	13 42	1 17	22 28	0 4	3 26	2 10	16 14	0 43	14 55	1 44	6 5	13 59	2 55	3 13	10 13	10 19	0 7
T 14	21 25	13 55	4 17	17 32	0 27	16 8	1 41	13 53	1 17	22 26	0 4	3 27	2 11	16 15	0 43	14 55	1 44	6 5	13 59	2 50	3 12	10 15	10 19	0 7
W15	21 14	10 48	3 34	17 5	0 13	15 43	1 40	14 3	1 17	22 25	0 4	3 27	2 11	16 15	0 43	14 55	1 44	6 5	13 59	2 46	3 11	10 17	10 19	0 7
T 16	21 3	7 13	2 41	16 38	0n 2	15 19	1 40	14 14	1 17	22 23	0 4	3 28	2 11	16 16	0 43	14 56	1 44	6 5	13 58	2 44	3 9	10 18	10 19	0 7
F 17	20 52	3 25	1 41	16 13	0 18	14 54	1 40	14 24	1 17	22 21	0 5	3 29	2 12	16 17	0 43	14 56	1 44	6 5	13 58	2 42	3 8	10 20	10 19	0 7
S 18	20 40	0n26	0 38	15 50	0 35	14 28	1 39	14 34	1 16	22 19	0 5	3 30	2 12	16 18	0 43	14 56	1 44	6 5	13 58	2 41	3 7	10 21	10 19	0 7
S 19	20 28	4 12	0s26	15 29	0 53	14 2	1 38	14 44	1 16	22 18	0 5	3 30	2 12	16 18	0 43	14 56	1 44	6 6	13 57	2 41	3 6	10 23	10 19	0 7
M20	20 16	7 45	1 28	15 11	1 11	13 36	1 38	14 55	1 16	22 16	0 5	3 31	2 12	16 19	0 43	14 57	1 45	6 6	13 57	2 41	3 4	10 24	10 20	0 7
T 21	20 3	10 59	2 26	14 56	1 29	13 9	1 37	15 5	1 16	22 14	0 5	3 32	2 13	16 20	0 43	14 57	1 45	6 6	13 57	2 41	3 3	10 26	10 20	0 7
W22	19 49	13 46	3 18	14 45	1 47	12 42	1 36	15 14	1 16	22 12	0 5	3 33	2 13	16 21	0 43	14 57	1 45	6 6	13 57	2 41	3 2	10 27	10 20	0 7
T 23	19 36	16 0	4 2	14 37	2 6	12 15	1 35	15 24	1 15	22 11	0 5	3 34	2 13	16 21	0 43	14 57	1 45	6 6	13 56	2 39	3 1	10 29	10 20	0 6
F 24	19 22	17 34	4 35	14 33	2 23	11 47	1 34	15 34	1 15	22 9	0 5	3 35	2 13	16 22	0 43	14 57	1 45	6 7	13 56	2 37	2 59	10 30	10 21	0 6
S 25	19 7	18 20	4 57	14 32	2 39	11 19	1 33	15 43	1 15	22 7	0 5	3 36	2 14	16 23	0 43	14 58	1 45	6 7	13 56	2 34	2 58	10 32	10 21	0 6
S 26	18 53	18 12	5 4	14 35	2 54	10 51	1 32	15 53	1 15	22 5	0 5	3 37	2 14	16 24	0 43	14 58	1 45	6 7	13 55	2 30	2 57	10 33	10 21	0 6
M27	18 38	17 7	4 56	14 41	3 7	10 22	1 31	16 2	1 14	22 3	0 6	3 38	2 14	16 25	0 43	14 58	1 45	6 7	13 55	2 25	2 56	10 35	10 22	0 6
T 28	18 22	15 6	4 32	14 50	3 17	9 53	1 29	16 11	1 14	22 1	0 6	3 39	2 14	16 25	0 43	14 58	1 45	6 7	13 55	2 21	2 54	10 36	10 22	0 6
W29	18 7	12 12	3 51	15 1	3 26	9 24	1 28	16 21	1 14	21 59	0 6	3 40	2 15	16 26	0 43	14 58	1 45	6 8	13 54	2 17	2 53	10 38	10 22	0 6
T 30	17 50	8 34	2 57	15 14	3 32	8 55	1 26	16 30	1 13	21 58	0 6	3 41	2 15	16 27	0 43	14 58	1 45	6 8	13 54	2 14	2 52	10 39	10 23	0 6
F 31	17s34	4n26	1s51	15s29	3n35	8s25	1s25	16s38	1n13	21s56	0s 6	3n43	2n15	16n28	0n43	14s58	1n45	6n 8	13s54	2s13	2s51	10n41	10n23	0n 6

Julian Day Number = 2497930.5, Delta T = 107.21 sec
Ecliptic obliquity = 23°25'12, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°30'53, Lahiri = 25°37'54

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ASTRODIENST EPHEMERIS for the year 2127
geocentric

FEBRUARY 2127 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 3	11♒36'12	28♍30	4°R 2	13♓ 4	20♏52	20♑55	25°R49	16°R48	16♏ 9	28°R 1	5°R32	7♎ 7	4♉12	26♈44	S 1
S 2	8 47 0	12°37'08	12♎40	2♒58	14°18	21°24	21° 9	25♍46	16♌46	16° 9	28♉ 1	5°D32	7° 4	4°19	26°46	S 2
M 3	8 50 56	13°38'02	26°49	2° 1	15°32	21°56	21°22	25°43	16°43	16°10	28° 1	5♎33	7° 1	4°26	26°47	M 3
T 4	8 54 53	14°38'56	10♏57	1°11	16°45	22°28	21°36	25°40	16°40	16°10	28° 0	5°R34	6°58	4°32	26°49	T 4
W 5	8 58 49	15°39'49	25° 3	0°30	17°59	23° 0	21°49	25°37	16°38	16°11	28° 0	5°34	6°55	4°39	26°50	W 5
T 6	9 2 46	16°40'42	9♐ 5	29♑57	19°12	23°32	22° 2	25°34	16°35	16°11	28° 0	5°31	6°51	4°46	26°52	T 6
F 7	9 6 42	17°41'34	23° 1	29°33	20°26	24° 3	22°16	25°31	16°33	16°11	28° 0	5°27	6°48	4°52	26°54	F 7
S 8	9 10 39	18°42'24	6♑50	29°17	21°39	24°35	22°29	25°28	16°30	16°12	28° 0	5°21	6°45	4°59	26°56	S 8
S 9	9 14 35	19°43'14	20°30	29°10	22°53	25° 6	22°42	25°24	16°27	16°12	28° 0	5°13	6°42	5° 6	26°57	S 9
M10	9 18 32	20°44'03	3♒58	29°D10	24° 6	25°37	22°55	25°21	16°25	16°12	28° 0	5° 5	6°39	5°12	26°59	M10
T 11	9 22 29	21°44'51	17°11	29°17	25°19	26° 8	23° 8	25°17	16°22	16°12	28°D 0	4°57	6°35	5°19	27° 1	T 11
W12	9 26 25	22°45'37	0♓ 9	29°31	26°33	26°39	23°22	25°14	16°19	16°12	28° 0	4°51	6°32	5°26	27° 3	W12
T 13	9 30 22	23°46'22	12°50	29°51	27°46	27°10	23°35	25°10	16°17	16°13	28° 0	4°46	6°29	5°32	27° 5	T 13
F 14	9 34 18	24°47'05	25°14	0♒17	28°59	27°41	23°48	25° 7	16°14	16°13	28° 0	4°44	6°26	5°39	27° 7	F 14
S 15	9 38 15	25°47'47	7♈25	0°48	0♈12	28°11	24° 0	25° 3	16°12	16°13	28° 0	4°D44	6°23	5°46	27° 9	S 15
S 16	9 42 11	26°48'28	19°24	1°24	1°25	28°42	24°13	24°59	16° 9	16°13	28° 0	4°45	6°20	5°52	27°11	S 16
M17	9 46 8	27°49'07	1♉16	2° 4	2°38	29°12	24°26	24°55	16° 7	16°R13	28° 0	4°46	6°16	5°59	27°14	M17
T 18	9 50 4	28°49'44	13° 5	2°49	3°51	29°42	24°39	24°51	16° 4	16°13	28° 0	4°48	6°13	6° 6	27°16	T 18
W19	9 54 1	29°50'19	24°55	3°37	5° 3	0♐12	24°52	24°47	16° 1	16°13	28° 1	4°R49	6°10	6°12	27°18	W19
T 20	9 57 58	0♓50'53	6♊52	4°29	6°16	0°42	25° 4	24°43	15°59	16°13	28° 1	4°49	6° 7	6°19	27°21	T 20
F 21	10 1 54	1°51'25	19° 2	5°24	7°29	1°12	25°17	24°39	15°56	16°12	28° 1	4°48	6° 4	6°26	27°23	F 21
S 22	10 5 51	2°51'55	1♋28	6°22	8°41	1°41	25°29	24°34	15°54	16°12	28° 1	4°45	6° 0	6°32	27°25	S 22
S 23	10 9 47	3°52'24	14°15	7°23	9°54	2°10	25°42	24°30	15°51	16°12	28° 1	4°40	5°57	6°39	27°28	S 23
M24	10 13 44	4°52'50	27°24	8°26	11° 6	2°40	25°54	24°26	15°49	16°12	28° 2	4°36	5°54	6°46	27°30	M24
T 25	10 17 40	5°53'15	10♌56	9°32	12°18	3° 9	26° 6	24°22	15°47	16°12	28° 2	4°31	5°51	6°52	27°33	T 25
W26	10 21 37	6°53'38	24°51	10°40	13°30	3°37	26°19	24°17	15°44	16°11	28° 2	4°27	5°48	6°59	27°35	W26
T 27	10 25 33	7°53'59	9♍ 5	11°50	14°42	4° 6	26°31	24°13	15°42	16°11	28° 3	4°24	5°45	7° 6	27°38	T 27
F 28	10 29 30	8♓54'19	23♍32	13♒ 2	15♈54	4♐35	26♑43	24♍ 8	15♌39	16♏11	28♉ 3	4♎22	5♎41	7♉12	27♈41	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s17	0n 1	0s38	15s44	3n36	7s56	1s23	16s47	1n13	21s54	0s 6	3n44	2n15	16n28	0n43	14s58	1n45	6n 8	13s54	2s12	2s49	10n42	10n23	0n 6
S 2	17 0	4s25	0n38	16 0	3 34	7 26	1 21	16 56	1 12	21 52	0 6	3 45	2 16	16 29	0 43	14 59	1 45	6 9	13 53	2 12	2 48	10 43	10 24	0 6
M 3	16 43	8 35	1 52	16 16	3 31	6 55	1 20	17 5	1 12	21 50	0 6	3 47	2 16	16 30	0 43	14 59	1 45	6 9	13 53	2 12	2 47	10 45	10 24	0 6
T 4	16 26	12 16	2 59	16 32	3 25	6 25	1 18	17 13	1 12	21 48	0 6	3 48	2 16	16 31	0 43	14 59	1 45	6 9	13 53	2 13	2 46	10 46	10 25	0 6
W 5	16 8	15 13	3 55	16 48	3 19	5 55	1 16	17 21	1 11	21 46	0 6	3 49	2 16	16 32	0 43	14 59	1 45	6 9	13 52	2 12	2 44	10 48	10 25	0 5
T 6	15 50	17 15	4 36	17 3	3 10	5 24	1 14	17 30	1 11	21 44	0 7	3 51	2 17	16 32	0 43	14 59	1 46	6 10	13 52	2 12	2 43	10 49	10 26	0 5
F 7	15 31	18 14	5 1	17 17	3 1	4 53	1 12	17 38	1 11	21 42	0 7	3 52	2 17	16 33	0 43	14 59	1 46	6 10	13 52	2 10	2 42	10 51	10 26	0 5
S 8	15 12	18 7	5 8	17 30	2 51	4 22	1 10	17 46	1 10	21 40	0 7	3 54	2 17	16 34	0 43	14 59	1 46	6 10	13 51	2 7	2 41	10 52	10 27	0 5
S 9	14 53	16 57	4 57	17 42	2 40	3 51	1 7	17 54	1 10	21 37	0 7	3 55	2 17	16 35	0 43	14 59	1 46	6 11	13 51	2 4	2 39	10 54	10 28	0 5
M10	14 34	14 52	4 30	17 53	2 28	3 20	1 5	18 1	1 9	21 35	0 7	3 57	2 17	16 36	0 43	14 59	1 46	6 11	13 51	2 1	2 38	10 55	10 28	0 5
T 11	14 15	12 2	3 49	18 3	2 17	2 49	1 3	18 9	1 9	21 33	0 7	3 58	2 18	16 36	0 43	14 59	1 46	6 11	13 50	1 58	2 37	10 57	10 29	0 5
W12	13 55	8 39	2 57	18 12	2 5	2 18	1 0	18 17	1 9	21 31	0 7	4 0	2 18	16 37	0 43	14 59	1 46	6 12	13 50	1 55	2 36	10 58	10 29	0 5
T 13	13 35	4 57	1 56	18 20	1 53	1 46	0 58	18 24	1 8	21 29	0 7	4 2	2 18	16 38	0 43	14 59	1 46	6 12	13 50	1 54	2 34	11 0	10 30	0 5
F 14	13 15	1 6	0 51	18 26	1 41	1 15	0 55	18 32	1 8	21 27	0 7	4 3	2 18	16 39	0 43	14 59	1 46	6 12	13 49	1 53	2 33	11 1	10 31	0 5
S 15	12 55	2n43	0s15	18 31	1 29	0 44	0 53	18 39	1 7	21 25	0 8	4 5	2 18	16 40	0 43	14 59	1 46	6 13	13 49	1 53	2 32	11 3	10 31	0 5
S 16	12 34	6 22	1 19	18 35	1 17	0 12	0 50	18 46	1 7	21 23	0 8	4 7	2 19	16 40	0 43	14 59	1 46	6 13	13 49	1 53	2 31	11 4	10 32	0 5
M17	12 13	9 43	2 20	18 37	1 6	0n19	0 47	18 53	1 6	21 21	0 8	4 8	2 19	16 41	0 43	14 59	1 46	6 13	13 48	1 54	2 29	11 6	10 33	0 4
T 18	11 52	12 40	3 14	18 38	0 54	0 51	0 44	19 0	1 6	21 18	0 8	4 10	2 19	16 42	0 43	14 59	1 46	6 14	13 48	1 54	2 28	11 7	10 34	0 4
W19	11 31	15 5	4 0	18 38	0 43	1 22	0 42	19 7	1 5	21 16	0 8	4 12	2 19	16 43	0 43	14 59	1 46	6 14	13 48	1 55	2 27	11 8	10 34	0 4
T 20	11 10	16 54	4 37	18 36	0 32	1 54	0 39	19 13	1 5	21 14	0 8	4 14	2 19	16 43	0 43	14 59	1 46	6 14	13 48	1 55	2 26	11 10	10 35	0 4
F 21	10 48	17 58	5 1	18 33	0 21	2 25	0 36	19 20	1 4	21 12	0 8	4 16	2 19	16 44	0 43	14 58	1 46	6 15	13 47	1 54	2 24	11 11	10 36	0 4
S 22	10 27	18 12	5 12	18 29	0 11	2 56	0 33	19 26	1 4	21 10	0 8	4 17	2 20	16 45	0 43	14 58	1 47	6 15	13 47	1 53	2 23	11 13	10 37	0 4
S 23	10 5	17 33	5 9	18 24	0 1	3 28	0 30	19 33	1 3	21 8	0 8	4 19	2 20	16 46	0 43	14 58	1 47	6 15	13 47	1 51	2 22	11 14	10 38	0 4
M24	9 43	15 57	4 49	18 17	0s 9	3 59	0 26	19 39	1 3	21 5	0 9	4 21	2 20	16 46	0 43	14 58	1 47	6 16	13 46	1 49	2 21	11 16	10 38	0 4
T 25	9 21	13 25	4 12	18 9	0 18	4 30	0 23	19 45	1 2	21 3	0 9	4 23	2 20	16 47	0 43	14 58	1 47	6 16	13 46	1 48	2 19	11 17	10 39	0 4
W26	8 58	10 5	3 20	17 59	0 28	5 1	0 20	19 51	1 1	21 1	0 9	4 25	2 20	16 48	0 43	14 58	1 47	6 16	13 46	1 46	2 18	11 19	10 40	0 4
T 27	8 36	6 5	2 15	17 49	0 36	5 32	0 17	19 57	1 1	20 59	0 9	4 27	2 20	16 48	0 43	14 58	1 47	6 17	13 45	1 45	2 17	11 20	10 41	0 4
F 28	8s13	1n39	0s59	17s36	0s45	6n 3	0s13	20s 3	1n 0	20s57	0s 9	4n29	2n20	16n49	0n43	14s57	1n47	6n17	13s45	1s44	2s16	11n21	10n42	0n 4

Julian Day Number = 2497961.5, Delta T = 107.26 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°30'58, Lahiri = 25°37'58

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ASTRODIENST EPHEMERIS for the year 2127
geocentric

MARCH 2127 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 33 27	9♓54'37	8♎ 7	14♒15	17♈ 6	5♐ 3	26♑55	24°R 4	15°R37	16°R10	28♉ 3	4°D22	5♎38	7♉19	27♈43	S 1
S 2	10 37 23	10°54'53	22°44	15°31	18°18	5°31	27° 7	23♍59	15♌35	16♏10	28° 4	4♎22	5°35	7°26	27°46	S 2
M 3	10 41 20	11°55'08	7♏17	16°48	19°30	5°59	27°19	23°55	15°32	16° 9	28° 4	4°24	5°32	7°32	27°49	M 3
T 4	10 45 16	12°55'21	21°42	18° 7	20°41	6°27	27°31	23°50	15°30	16° 9	28° 5	4°25	5°29	7°39	27°52	T 4
W 5	10 49 13	13°55'33	5♐55	19°27	21°53	6°54	27°42	23°45	15°28	16° 8	28° 5	4°26	5°26	7°46	27°55	W 5
T 6	10 53 9	14°55'44	19°55	20°48	23° 4	7°21	27°54	23°41	15°26	16° 8	28° 6	4°R26	5°22	7°52	27°57	T 6
F 7	10 57 6	15°55'53	3♑41	22°11	24°16	7°48	28° 5	23°36	15°24	16° 7	28° 6	4°25	5°19	7°59	28° 0	F 7
S 8	11 1 2	16°56'00	17°12	23°36	25°27	8°15	28°17	23°31	15°21	16° 7	28° 7	4°24	5°16	8° 6	28° 3	S 8
S 9	11 4 59	17°56'06	0♒28	25° 2	26°38	8°42	28°28	23°26	15°19	16° 6	28° 7	4°22	5°13	8°12	28° 6	S 9
M10	11 8 56	18°56'11	13°31	26°29	27°49	9° 8	28°40	23°22	15°17	16° 5	28° 8	4°19	5°10	8°19	28° 9	M10
T 11	11 12 52	19°56'13	26°20	27°57	29° 0	9°35	28°51	23°17	15°15	16° 5	28° 8	4°17	5° 6	8°26	28°12	T 11
W12	11 16 49	20°56'14	8♓56	29°26	0♉11	10° 0	29° 2	23°12	15°13	16° 4	28° 9	4°15	5° 3	8°32	28°15	W12
T 13	11 20 45	21°56'12	21°20	0♓57	1°22	10°26	29°13	23° 7	15°11	16° 3	28° 9	4°14	5° 0	8°39	28°19	T 13
F 14	11 24 42	22°56'09	3♈33	2°29	2°32	10°52	29°24	23° 3	15° 9	16° 2	28°10	4°D14	4°57	8°46	28°22	F 14
S 15	11 28 38	23°56'04	15°36	4° 2	3°43	11°17	29°35	22°58	15° 7	16° 1	28°11	4°14	4°54	8°52	28°25	S 15
S 16	11 32 35	24°55'57	27°31	5°37	4°53	11°42	29°46	22°53	15° 6	16° 1	28°11	4°15	4°51	8°59	28°28	S 16
M17	11 36 31	25°55'48	9♉22	7°12	6° 4	12° 6	29°56	22°48	15° 4	16° 0	28°12	4°16	4°47	9° 6	28°31	M17
T 18	11 40 28	26°55'37	21°10	8°49	7°14	12°31	0♒ 7	22°44	15° 2	15°59	28°13	4°17	4°44	9°12	28°34	T 18
W19	11 44 24	27°55'23	3♊ 1	10°27	8°24	12°55	0°17	22°39	15° 0	15°58	28°14	4°17	4°41	9°19	28°38	W19
T 20	11 48 21	28°55'08	14°58	12° 6	9°34	13°19	0°27	22°34	14°59	15°57	28°14	4°18	4°38	9°26	28°41	T 20
F 21	11 52 18	29°54'50	27° 5	13°46	10°43	13°42	0°38	22°29	14°57	15°56	28°15	4°R18	4°35	9°32	28°44	F 21
S 22	11 56 14	0♈54'30	9♋28	15°28	11°53	14° 5	0°48	22°25	14°55	15°55	28°16	4°18	4°32	9°39	28°48	S 22
S 23	12 0 11	1°54'07	22°11	17°11	13° 2	14°28	0°58	22°20	14°54	15°54	28°17	4°18	4°28	9°46	28°51	S 23
M24	12 4 7	2°53'42	5♌16	18°55	14°12	14°51	1° 8	22°15	14°52	15°53	28°18	4°18	4°25	9°52	28°55	M24
T 25	12 8 4	3°53'15	18°48	20°40	15°21	15°13	1°18	22°11	14°51	15°52	28°18	4°D17	4°22	9°59	28°58	T 25
W26	12 12 0	4°52'46	2♍45	22°27	16°30	15°35	1°27	22° 6	14°49	15°50	28°19	4°18	4°19	10° 6	29° 1	W26
T 27	12 15 57	5°52'15	17° 8	24°15	17°39	15°57	1°37	22° 2	14°48	15°49	28°20	4°18	4°16	10°12	29° 5	T 27
F 28	12 19 53	6°51'41	1♎50	26° 4	18°47	16°18	1°46	21°57	14°47	15°48	28°21	4°R18	4°12	10°19	29° 8	F 28
S 29	12 23 50	7°51'05	16°46	27°55	19°56	16°39	1°56	21°53	14°45	15°47	28°22	4°18	4° 9	10°26	29°12	S 29
S 30	12 27 47	8°50'28	1♏48	29°47	21° 4	16°59	2° 5	21°48	14°44	15°46	28°23	4°17	4° 6	10°32	29°15	S 30
M31	12 31 43	9♈49'48	16♏47	1♈40	22♉12	17♐20	2♒14	21♍44	14♌43	15♏45	28♉24	4♎17	4♎ 3	10♉39	29♈19	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s51	2s54	0n21	17s23	0s53	6n34	0s10	20s 9	1n 0	20s54	0s 9	4n31	2n21	16n50	0n43	14s57	1n47	6n18	13s45	1s44	2s14	11n23	10n43	0n 4
S 2	7 28	7 18	1 40	17 8	1 1	7 4	0 6	20 14	0 59	20 52	0 9	4 32	2 21	16 50	0 43	14 57	1 47	6 18	13 44	1 44	2 13	11 24	10 44	0 3
M 3	7 5	11 14	2 52	16 52	1 8	7 35	0 3	20 20	0 58	20 50	0 9	4 34	2 21	16 51	0 43	14 57	1 47	6 18	13 44	1 45	2 12	11 26	10 44	0 3
T 4	6 42	14 26	3 52	16 35	1 15	8 5	0n 1	20 25	0 57	20 48	0 9	4 36	2 21	16 52	0 43	14 57	1 47	6 19	13 44	1 45	2 10	11 27	10 45	0 3
W 5	6 19	16 43	4 38	16 16	1 22	8 35	0 4	20 31	0 57	20 46	0 10	4 38	2 21	16 52	0 43	14 57	1 47	6 19	13 43	1 46	2 9	11 29	10 46	0 3
T 6	5 56	17 57	5 6	15 56	1 28	9 5	0 8	20 36	0 56	20 43	0 10	4 40	2 21	16 53	0 43	14 56	1 47	6 19	13 43	1 46	2 8	11 30	10 47	0 3
F 7	5 33	18 6	5 16	15 35	1 34	9 35	0 11	20 41	0 55	20 41	0 10	4 42	2 21	16 54	0 43	14 56	1 47	6 20	13 43	1 45	2 7	11 31	10 48	0 3
S 8	5 9	17 13	5 8	15 13	1 40	10 4	0 15	20 46	0 54	20 39	0 10	4 44	2 21	16 54	0 43	14 56	1 47	6 20	13 43	1 45	2 5	11 33	10 49	0 3
S 9	4 46	15 25	4 44	14 49	1 45	10 33	0 19	20 51	0 54	20 37	0 10	4 46	2 21	16 55	0 43	14 56	1 47	6 21	13 42	1 44	2 4	11 34	10 50	0 3
M10	4 22	12 50	4 5	14 24	1 50	11 2	0 22	20 56	0 53	20 35	0 10	4 48	2 21	16 56	0 43	14 55	1 47	6 21	13 42	1 43	2 3	11 36	10 51	0 3
T 11	3 59	9 40	3 15	13 58	1 54	11 31	0 26	21 1	0 52	20 33	0 10	4 50	2 22	16 56	0 43	14 55	1 47	6 21	13 42	1 42	2 2	11 37	10 52	0 3
W12	3 35	6 7	2 16	13 30	1 58	12 0	0 30	21 5	0 51	20 30	0 10	4 52	2 22	16 57	0 43	14 55	1 48	6 22	13 41	1 41	2 0	11 39	10 53	0 3
T 13	3 12	2 21	1 11	13 2	2 2	12 28	0 34	21 10	0 50	20 28	0 11	4 54	2 22	16 57	0 43	14 55	1 48	6 22	13 41	1 41	1 59	11 40	10 54	0 3
F 14	2 48	1n28	0 4	12 32	2 5	12 56	0 37	21 14	0 49	20 26	0 11	4 56	2 22	16 58	0 43	14 54	1 48	6 23	13 41	1 41	1 58	11 41	10 55	0 3
S 15	2 24	5 10	1s 3	12 0	2 8	13 24	0 41	21 19	0 49	20 24	0 11	4 58	2 22	16 58	0 43	14 54	1 48	6 23	13 41	1 41	1 57	11 43	10 56	0 3
S 16	2 1	8 38	2 6	11 28	2 10	13 51	0 45	21 23	0 48	20 22	0 11	5 0	2 22	16 59	0 43	14 54	1 48	6 24	13 40	1 41	1 55	11 44	10 58	0 2
M17	1 37	11 42	3 3	10 54	2 12	14 18	0 49	21 27	0 47	20 20	0 11	5 2	2 22	16 59	0 43	14 53	1 48	6 24	13 40	1 42	1 54	11 46	10 59	0 2
T 18	1 13	14 18	3 52	10 20	2 14	14 45	0 53	21 31	0 46	20 18	0 11	5 3	2 22	17 0	0 43	14 53	1 48	6 24	13 40	1 42	1 53	11 47	11 0	0 2
W19	0 50	16 18	4 32	9 44	2 15	15 11	0 57	21 35	0 45	20 15	0 11	5 5	2 22	17 0	0 43	14 53	1 48	6 25	13 39	1 42	1 52	11 48	11 1	0 2
T 20	0 26	17 36	5 0	9 7	2 16	15 37	1 1	21 39	0 44	20 13	0 11	5 7	2 22	17 1	0 43	14 53	1 48	6 25	13 39	1 42	1 50	11 50	11 2	0 2
F 21	0 2	18 8	5 15	8 28	2 16	16 3	1 4	21 43	0 43	20 11	0 12	5 9	2 22	17 1	0 43	14 52	1 48	6 26	13 39	1 42	1 49	11 51	11 3	0 2
S 22	0n22	17 49	5 17	7 49	2 16	16 28	1 8	21 47	0 41	20 9	0 12	5 11	2 22	17 2	0 43	14 52	1 48	6 26	13 39	1 42	1 48	11 53	11 4	0 2
S 23	0 45	16 37	5 3	7 8	2 15	16 53	1 12	21 51	0 40	20 7	0 12	5 13	2 22	17 2	0 43	14 52	1 48	6 27	13 38	1 42	1 47	11 54	11 5	0 2
M24	1 9	14 31	4 33	6 26	2 14	17 18	1 16	21 55	0 39	20 5	0 12	5 15	2 22	17 3	0 43	14 51	1 48	6 27	13 38	1 42	1 45	11 55	11 6	0 2
T 25	1 33	11 35	3 47	5 43	2 13	17 42	1 20	21 58	0 38	20 3	0 12	5 17	2 22	17 3	0 43	14 51	1 48	6 27	13 38	1 42	1 44	11 57	11 8	0 2
W26	1 56	7 53	2 47	4 59	2 11	18 6	1 24	22 2	0 37	20 1	0 12	5 18	2 22	17 3	0 43	14 50	1 48	6 28	13 38	1 42	1 43	11 58	11 9	0 2
T 27	2 20	3 38	1 34	4 14	2 8	18 29	1 28	22 5	0 36	19 59	0 12	5 20	2 22	17 4	0 43	14 50	1 48	6 28	13 37	1 42	1 42	12 0	11 10	0 2
F 28	2 43	0s56	0 14	3 28	2 5	18 52	1 31	22 9	0 34	19 57	0 13	5 22	2 22	17 4	0 43	14 50	1 48	6 29	13 37	1 42	1 40	12 1	11 11	0 2
S 29	3 7	5 32	1n 9	2 41	2 1	19 14	1 35	22 12	0 33	19 55	0 13	5 24	2 22	17 4	0 43	14 49	1 48	6 29	13 37	1 42	1 39	12 2	11 12	0 1
S 30	3 30	9 47	2 27	1 53	1 57	19 36	1 39	22 15	0 32	19 53	0 13	5 25	2 22	17 5	0 43	14 49	1 48	6 29	13 37	1 42	1 38	12 4	11 13	0 1
M31	3n53	13s24	3n35	1s 4	1s53	19n58	1n43	22s19	0n31	19s51	0s13	5n27	2n22	17n 5	0n43	14s49	1n48	6n30	13s36	1s42	1s36	12n 5	11n15	0n 1

Julian Day Number = 2497989.5, Delta T = 107.31 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'01, Lahiri = 25°38'02

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ASTRODIENST EPHEMERIS for the year 2127
geocentric

APRIL 2127 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 35 40	10♈49'07	1♐35	3♈34	23♉20	17♐39	2♒23	21°R39	14°R42	15°R43	28♉25	4°R16	4♎ 0	10♉46	29♈22	T 1
W 2	12 39 36	11°48'24	16° 6	5°30	24°28	17°59	2°32	21♍35	14♌41	15♏42	28°26	4♎15	3°57	10°52	29°26	W 2
T 3	12 43 33	12°47'39	0♑16	7°27	25°36	18°18	2°41	21°31	14°40	15°41	28°27	4°15	3°53	10°59	29°29	T 3
F 4	12 47 29	13°46'52	14° 3	9°26	26°43	18°37	2°49	21°26	14°39	15°39	28°28	4°D15	3°50	11° 6	29°33	F 4
S 5	12 51 26	14°46'04	27°29	11°25	27°51	18°55	2°58	21°22	14°38	15°38	28°29	4°15	3°47	11°12	29°37	S 5
S 6	12 55 22	15°45'14	10♒34	13°26	28°58	19°13	3° 6	21°18	14°37	15°37	28°30	4°16	3°44	11°19	29°40	S 6
M 7	12 59 19	16°44'22	23°20	15°28	0♊ 5	19°30	3°14	21°14	14°36	15°35	28°31	4°17	3°41	11°26	29°44	M 7
T 8	13 3 15	17°43'28	5♓51	17°31	1°12	19°47	3°22	21°10	14°35	15°34	28°32	4°18	3°37	11°32	29°48	T 8
W 9	13 7 12	18°42'32	18°10	19°34	2°18	20° 3	3°30	21° 6	14°35	15°33	28°33	4°19	3°34	11°39	29°51	W 9
T 10	13 11 9	19°41'35	0♈18	21°39	3°24	20°19	3°38	21° 2	14°34	15°31	28°34	4°R20	3°31	11°46	29°55	T 10
F 11	13 15 5	20°40'35	12°19	23°44	4°31	20°35	3°46	20°58	14°33	15°30	28°35	4°19	3°28	11°52	29°58	F 11
S 12	13 19 2	21°39'34	24°14	25°49	5°36	20°50	3°53	20°55	14°33	15°28	28°36	4°18	3°25	11°59	0♉ 2	S 12
S 13	13 22 58	22°38'30	6♉ 5	27°55	6°42	21° 4	4° 1	20°51	14°32	15°27	28°37	4°16	3°22	12° 6	0° 6	S 13
M14	13 26 55	23°37'25	17°54	0♉ 0	7°48	21°18	4° 8	20°47	14°32	15°25	28°38	4°14	3°18	12°12	0°10	M14
T 15	13 30 51	24°36'17	29°43	2° 5	8°53	21°32	4°15	20°44	14°31	15°24	28°40	4°10	3°15	12°19	0°13	T 15
W16	13 34 48	25°35'07	11♊36	4° 9	9°58	21°45	4°22	20°40	14°31	15°22	28°41	4° 7	3°12	12°26	0°17	W16
T 17	13 38 44	26°33'56	23°35	6°13	11° 2	21°57	4°29	20°37	14°31	15°21	28°42	4° 4	3° 9	12°32	0°21	T 17
F 18	13 42 41	27°32'42	5♋43	8°15	12° 7	22° 9	4°35	20°33	14°30	15°19	28°43	4° 1	3° 6	12°39	0°24	F 18
S 19	13 46 38	28°31'25	18° 4	10°15	13°11	22°21	4°42	20°30	14°30	15°18	28°44	4° 0	3° 3	12°46	0°28	S 19
S 20	13 50 34	29°30'07	0♌42	12°13	14°15	22°31	4°48	20°27	14°30	15°16	28°45	3°D59	2°59	12°52	0°32	S 20
M21	13 54 31	0♉28'46	13°41	14° 9	15°19	22°42	4°54	20°24	14°30	15°15	28°47	4° 0	2°56	12°59	0°35	M21
T 22	13 58 27	1°27'23	27° 4	16° 2	16°22	22°51	5° 0	20°21	14°D30	15°13	28°48	4° 1	2°53	13° 6	0°39	T 22
W23	14 2 24	2°25'58	10♍54	17°53	17°25	23° 0	5° 6	20°18	14°30	15°12	28°49	4° 3	2°50	13°12	0°43	W23
T 24	14 6 20	3°24'30	25°11	19°40	18°28	23° 8	5°12	20°15	14°30	15°10	28°50	4° 4	2°47	13°19	0°47	T 24
F 25	14 10 17	4°23'01	9♎53	21°23	19°30	23°16	5°18	20°12	14°30	15° 8	28°52	4°R 4	2°43	13°26	0°50	F 25
S 26	14 14 13	5°21'29	24°55	23° 3	20°32	23°23	5°23	20°10	14°30	15° 7	28°53	4° 2	2°40	13°32	0°54	S 26
S 27	14 18 10	6°19'55	10♏ 8	24°39	21°34	23°30	5°28	20° 7	14°30	15° 5	28°54	4° 0	2°37	13°39	0°58	S 27
M28	14 22 7	7°18'20	25°24	26°10	22°36	23°36	5°33	20° 5	14°31	15° 4	28°55	3°56	2°34	13°46	1° 1	M28
T 29	14 26 3	8°16'43	10♐30	27°38	23°37	23°41	5°38	20° 2	14°31	15° 2	28°57	3°51	2°31	13°53	1° 5	T 29
W30	14 30 0	9♉15'05	25♐19	29♉ 1	24♊37	23♐45	5♒43	20♍ 0	14♌31	15♏ 0	28♉58	3♎46	2♎28	13♉59	1♉ 9	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n17	16s 6	4n27	0s14	1s48	20n19	1n47	22s22	0n29	19s50	0s13	5n29	2n22	17n 5	0n43	14s48	1n48	6n30	13s36	1s42	1s35	12n 6	11n16	0n 1
W 2	4 40	17 42	5 2	0n37	1 42	20 39	1 50	22 25	0 28	19 48	0 13	5 31	2 22	17 6	0 43	14 48	1 48	6 31	13 36	1 41	1 34	12 8	11 17	0 1
T 3	5 3	18 8	5 17	1 29	1 36	20 59	1 54	22 28	0 26	19 46	0 13	5 32	2 22	17 6	0 43	14 47	1 48	6 31	13 36	1 41	1 33	12 9	11 18	0 1
F 4	5 26	17 30	5 13	2 22	1 29	21 19	1 58	22 31	0 25	19 44	0 14	5 34	2 22	17 6	0 43	14 47	1 49	6 32	13 35	1 41	1 31	12 11	11 19	0 1
S 5	5 49	15 52	4 52	3 15	1 22	21 38	2 1	22 34	0 23	19 42	0 14	5 35	2 22	17 7	0 42	14 47	1 49	6 32	13 35	1 41	1 30	12 12	11 20	0 1
S 6	6 12	13 28	4 16	4 9	1 15	21 57	2 5	22 37	0 22	19 40	0 14	5 37	2 22	17 7	0 42	14 46	1 49	6 32	13 35	1 42	1 29	12 13	11 22	0 1
M 7	6 34	10 27	3 28	5 4	1 7	22 15	2 8	22 40	0 20	19 39	0 14	5 39	2 22	17 7	0 42	14 46	1 49	6 33	13 35	1 42	1 28	12 15	11 23	0 1
T 8	6 57	7 0	2 31	5 58	0 58	22 32	2 12	22 43	0 19	19 37	0 14	5 40	2 22	17 7	0 42	14 45	1 49	6 33	13 34	1 42	1 26	12 16	11 24	0 1
W 9	7 19	3 19	1 28	6 54	0 49	22 49	2 15	22 46	0 17	19 35	0 14	5 42	2 22	17 7	0 42	14 45	1 49	6 34	13 34	1 43	1 25	12 17	11 25	0 1
T 10	7 42	0n28	0 22	7 49	0 40	23 5	2 19	22 49	0 15	19 34	0 14	5 43	2 21	17 8	0 42	14 44	1 49	6 34	13 34	1 43	1 24	12 19	11 27	0 1
F 11	8 4	4 11	0s44	8 45	0 30	23 21	2 22	22 52	0 14	19 32	0 15	5 44	2 21	17 8	0 42	14 44	1 49	6 35	13 34	1 43	1 23	12 20	11 28	0 1
S 12	8 26	7 43	1 48	9 40	0 20	23 37	2 26	22 54	0 12	19 30	0 15	5 46	2 21	17 8	0 42	14 44	1 49	6 35	13 34	1 43	1 21	12 21	11 29	0 0
S 13	8 48	10 55	2 47	10 35	0 9	23 51	2 29	22 57	0 10	19 29	0 15	5 47	2 21	17 8	0 42	14 43	1 49	6 35	13 33	1 42	1 20	12 23	11 30	0 0
M14	9 10	13 40	3 38	11 29	0n 2	24 5	2 32	23 0	0 8	19 27	0 15	5 49	2 21	17 8	0 42	14 43	1 49	6 36	13 33	1 41	1 19	12 24	11 31	0 0
T 15	9 32	15 50	4 20	12 23	0 13	24 19	2 35	23 3	0 6	19 26	0 15	5 50	2 21	17 8	0 42	14 42	1 49	6 36	13 33	1 39	1 18	12 26	11 33	0 0
W16	9 53	17 21	4 51	13 16	0 24	24 32	2 38	23 5	0 4	19 24	0 15	5 51	2 21	17 8	0 42	14 42	1 49	6 37	13 33	1 38	1 16	12 27	11 34	0 0
T 17	10 14	18 7	5 10	14 8	0 35	24 44	2 41	23 8	0 2	19 23	0 15	5 52	2 21	17 8	0 42	14 41	1 49	6 37	13 33	1 37	1 15	12 28	11 35	0 0
F 18	10 35	18 4	5 15	14 58	0 46	24 56	2 44	23 11	0 0	19 21	0 16	5 54	2 21	17 8	0 42	14 41	1 49	6 38	13 33	1 36	1 14	12 30	11 36	0 0
S 19	10 56	17 9	5 5	15 47	0 57	25 7	2 47	23 14	0s 2	19 20	0 16	5 55	2 21	17 8	0 42	14 40	1 49	6 38	13 32	1 35	1 13	12 31	11 38	0s 0
S 20	11 17	15 24	4 41	16 34	1 8	25 18	2 50	23 16	0 4	19 18	0 16	5 56	2 20	17 8	0 42	14 40	1 49	6 38	13 32	1 35	1 11	12 32	11 39	0 0
M21	11 38	12 50	4 2	17 19	1 18	25 28	2 52	23 19	0 6	19 17	0 16	5 57	2 20	17 8	0 42	14 39	1 49	6 39	13 32	1 35	1 10	12 34	11 40	0 0
T 22	11 58	9 31	3 9	18 2	1 28	25 38	2 55	23 22	0 8	19 16	0 16	5 58	2 20	17 8	0 42	14 39	1 49	6 39	13 32	1 36	1 9	12 35	11 41	0 0
W23	12 18	5 34	2 4	18 43	1 38	25 46	2 58	23 24	0 10	19 15	0 16	5 59	2 20	17 8	0 42	14 39	1 49	6 40	13 32	1 36	1 7	12 36	11 42	0 0
T 24	12 38	1 10	0 49	19 21	1 47	25 55	3 0	23 27	0 12	19 13	0 17	6 0	2 20	17 8	0 42	14 38	1 49	6 40	13 32	1 37	1 6	12 38	11 44	0 0
F 25	12 58	3s25	0n32	19 57	1 56	26 2	3 2	23 30	0 15	19 12	0 17	6 1	2 20	17 8	0 42	14 38	1 49	6 40	13 31	1 37	1 5	12 39	11 45	0 0
S 26	13 18	7 54	1 52	20 31	2 4	26 9	3 5	23 32	0 17	19 11	0 17	6 2	2 20	17 8	0 42	14 37	1 49	6 41	13 31	1 36	1 4	12 40	11 46	0 1
S 27	13 37	11 55	3 5	21 2	2 11	26 16	3 7	23 35	0 20	19 10	0 17	6 3	2 20	17 8	0 42	14 37	1 49	6 41	13 31	1 35	1 2	12 42	11 47	0 1
M28	13 56	15 8	4 4	21 31	2 18	26 21	3 9	23 38	0 22	19 9	0 17	6 4	2 19	17 8	0 42	14 36	1 49	6 41	13 31	1 34	1 1	12 43	11 49	0 1
T 29	14 15	17 17	4 47	21 57	2 24	26 27	3 11	23 41	0 25	19 8	0 17	6 5	2 19	17 8	0 42	14 36	1 49	6 42	13 31	1 32	1 0	12 44	11 50	0 1
W30	14n34	18s12	5n 8	22n20	2n29	26n31	3n13	23s44	0s27	19s 7	0s18	6n 5	2n19	17n 8	0n42	14s35	1n49	6n42	13s31	1s30	0s59	12n46	11n51	0s 1

Julian Day Number = 2498020.5, Delta T = 107.35 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'06, Lahiri = 25°38'06

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ASTRODIENST EPHEMERIS for the year 2127
geocentric

MAY 2127 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 33 56	10♉13'24	9♑44	0♊20	25♊38	23♐49	5♒47	19°R58	14♌32	14°R59	28♉59	3°R42	2♎24	14♉ 6	1♉12	T 1
F 2	14 37 53	11°11'43	23°41	1°34	26°38	23°52	5°52	19♍56	14°32	14♏57	29° 0	3♎39	2°21	14°13	1°16	F 2
S 3	14 41 49	12° 9'59	7♒10	2°43	27°37	23°55	5°56	19°54	14°33	14°55	29° 2	3°D37	2°18	14°19	1°20	S 3
S 4	14 45 46	13° 8'14	20°14	3°48	28°36	23°56	6° 0	19°52	14°34	14°54	29° 3	3°37	2°15	14°26	1°23	S 4
M 5	14 49 42	14° 6'28	2♓54	4°48	29°35	23°57	6° 4	19°50	14°34	14°52	29° 4	3°39	2°12	14°33	1°27	M 5
T 6	14 53 39	15° 4'40	15°17	5°43	0♋33	23°R58	6° 8	19°48	14°35	14°51	29° 6	3°40	2° 8	14°39	1°31	T 6
W 7	14 57 36	16° 2'51	27°25	6°33	1°31	23°57	6°11	19°47	14°36	14°49	29° 7	3°41	2° 5	14°46	1°34	W 7
T 8	15 1 32	17° 1'00	9♈24	7°18	2°29	23°56	6°14	19°45	14°36	14°47	29° 8	3°R41	2° 2	14°53	1°38	T 8
F 9	15 5 29	17°59'08	21°16	7°58	3°26	23°54	6°18	19°44	14°37	14°46	29°10	3°40	1°59	14°59	1°41	F 9
S 10	15 9 25	18°57'14	3♉ 6	8°33	4°22	23°51	6°21	19°42	14°38	14°44	29°11	3°36	1°56	15° 6	1°45	S 10
S 11	15 13 22	19°55'18	14°54	9° 3	5°18	23°47	6°23	19°41	14°39	14°42	29°12	3°30	1°53	15°13	1°49	S 11
M12	15 17 18	20°53'21	26°45	9°27	6°14	23°43	6°26	19°40	14°40	14°41	29°14	3°22	1°49	15°19	1°52	M12
T 13	15 21 15	21°51'23	8♊38	9°47	7° 8	23°38	6°28	19°39	14°41	14°39	29°15	3°13	1°46	15°26	1°56	T 13
W14	15 25 11	22°49'23	20°36	10° 1	8° 3	23°32	6°31	19°38	14°42	14°38	29°16	3° 4	1°43	15°33	1°59	W14
T 15	15 29 8	23°47'21	2♋41	10°10	8°57	23°25	6°33	19°37	14°44	14°36	29°18	2°55	1°40	15°39	2° 3	T 15
F 16	15 33 5	24°45'17	14°54	10°R14	9°50	23°18	6°35	19°36	14°45	14°34	29°19	2°47	1°37	15°46	2° 6	F 16
S 17	15 37 1	25°43'12	27°19	10°14	10°42	23°10	6°36	19°36	14°46	14°33	29°20	2°41	1°34	15°53	2°10	S 17
S 18	15 40 58	26°41'04	9♌57	10° 8	11°34	23° 1	6°38	19°35	14°48	14°31	29°22	2°38	1°30	15°59	2°13	S 18
M19	15 44 54	27°38'56	22°53	9°58	12°25	22°51	6°39	19°35	14°49	14°30	29°23	2°D36	1°27	16° 6	2°17	M19
T 20	15 48 51	28°36'45	6♍10	9°43	13°16	22°41	6°40	19°35	14°50	14°28	29°24	2°36	1°24	16°13	2°20	T 20
W21	15 52 47	29°34'32	19°50	9°25	14° 6	22°30	6°41	19°34	14°52	14°26	29°26	2°37	1°21	16°20	2°23	W21
T 22	15 56 44	0♊32'18	3♎55	9° 3	14°55	22°18	6°42	19°D34	14°53	14°25	29°27	2°R38	1°18	16°26	2°27	T 22
F 23	16 0 40	1°30'02	18°26	8°37	15°43	22° 6	6°42	19°34	14°55	14°23	29°28	2°37	1°14	16°33	2°30	F 23
S 24	16 4 37	2°27'45	3♏18	8° 9	16°30	21°53	6°43	19°34	14°57	14°22	29°30	2°33	1°11	16°40	2°34	S 24
S 25	16 8 34	3°25'26	18°26	7°38	17°17	21°39	6°R43	19°35	14°58	14°20	29°31	2°28	1° 8	16°46	2°37	S 25
M26	16 12 30	4°23'06	3♐41	7° 6	18° 2	21°25	6°43	19°35	15° 0	14°19	29°33	2°20	1° 5	16°53	2°40	M26
T 27	16 16 27	5°20'45	18°52	6°33	18°47	21°10	6°43	19°35	15° 2	14°17	29°34	2°11	1° 2	17° 0	2°43	T 27
W28	16 20 23	6°18'22	3♑49	5°59	19°31	20°54	6°42	19°36	15° 4	14°16	29°35	2° 2	0°59	17° 6	2°47	W28
T 29	16 24 20	7°15'59	18°23	5°24	20°14	20°38	6°42	19°37	15° 5	14°14	29°37	1°53	0°55	17°13	2°50	T 29
F 30	16 28 16	8°13'34	2♒29	4°51	20°56	20°21	6°41	19°37	15° 7	14°13	29°38	1°47	0°52	17°20	2°53	F 30
S 31	16 32 13	9♊11'09	16♒ 5	4♊19	21♋37	20♐ 4	6♒40	19♍38	15♌ 9	14♏11	29♉39	1♎42	0♎49	17♉26	2♉56	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n52	17s55	5n10	22n41	2n33	26n35	3n14	23s46	0s30	19s 6	0s18	6n 6	2n19	17n 7	0n42	14s35	1n49	6n43	13s31	1s28	0s57	12n47	11n52	0s 1
F 2	15 11	16 32	4 53	23 0	2 36	26 39	3 16	23 49	0 32	19 5	0 18	6 7	2 19	17 7	0 42	14 34	1 49	6 43	13 30	1 27	0 56	12 48	11 53	0 1
S 3	15 29	14 16	4 20	23 16	2 38	26 41	3 18	23 52	0 35	19 4	0 18	6 7	2 19	17 7	0 42	14 34	1 49	6 43	13 30	1 26	0 55	12 50	11 55	0 1
S 4	15 46	11 20	3 35	23 30	2 39	26 44	3 19	23 55	0 38	19 3	0 18	6 8	2 19	17 7	0 42	14 33	1 49	6 44	13 30	1 26	0 54	12 51	11 56	0 1
M 5	16 4	7 57	2 40	23 41	2 39	26 45	3 20	23 58	0 41	19 2	0 18	6 9	2 18	17 7	0 42	14 33	1 49	6 44	13 30	1 27	0 52	12 52	11 57	0 1
T 6	16 21	4 17	1 38	23 51	2 39	26 46	3 21	24 1	0 44	19 2	0 19	6 9	2 18	17 6	0 41	14 32	1 49	6 44	13 30	1 27	0 51	12 53	11 58	0 1
W 7	16 38	0 30	0 34	23 57	2 37	26 47	3 22	24 3	0 47	19 1	0 19	6 10	2 18	17 6	0 41	14 32	1 49	6 45	13 30	1 28	0 50	12 55	11 59	0 1
T 8	16 54	3n15	0s31	24 2	2 34	26 47	3 23	24 6	0 50	19 0	0 19	6 10	2 18	17 6	0 41	14 31	1 49	6 45	13 30	1 28	0 49	12 56	12 1	0 1
F 9	17 11	6 50	1 34	24 5	2 30	26 46	3 24	24 9	0 53	19 0	0 19	6 11	2 18	17 6	0 41	14 31	1 49	6 46	13 30	1 27	0 47	12 57	12 2	0 1
S 10	17 27	10 9	2 32	24 5	2 24	26 45	3 24	24 12	0 56	18 59	0 19	6 11	2 18	17 5	0 41	14 30	1 49	6 46	13 30	1 26	0 46	12 59	12 3	0 2
S 11	17 42	13 3	3 24	24 4	2 18	26 43	3 25	24 15	0 59	18 59	0 20	6 11	2 17	17 5	0 41	14 30	1 49	6 46	13 30	1 23	0 45	13 0	12 4	0 2
M12	17 58	15 24	4 7	24 0	2 11	26 41	3 25	24 18	1 2	18 58	0 20	6 12	2 17	17 5	0 41	14 29	1 49	6 47	13 30	1 20	0 43	13 1	12 5	0 2
T 13	18 13	17 8	4 39	23 55	2 2	26 38	3 25	24 21	1 5	18 58	0 20	6 12	2 17	17 4	0 41	14 29	1 49	6 47	13 29	1 17	0 42	13 3	12 6	0 2
W14	18 28	18 6	4 59	23 47	1 53	26 35	3 25	24 24	1 8	18 57	0 20	6 12	2 17	17 4	0 41	14 29	1 49	6 47	13 29	1 13	0 41	13 4	12 8	0 2
T 15	18 42	18 17	5 7	23 38	1 42	26 31	3 25	24 27	1 12	18 57	0 20	6 12	2 17	17 4	0 41	14 28	1 49	6 48	13 29	1 9	0 40	13 5	12 9	0 2
F 16	18 57	17 37	5 0	23 27	1 30	26 27	3 24	24 30	1 15	18 57	0 20	6 12	2 16	17 3	0 41	14 28	1 49	6 48	13 29	1 6	0 38	13 6	12 10	0 2
S 17	19 10	16 7	4 39	23 14	1 17	26 22	3 24	24 33	1 18	18 56	0 21	6 12	2 16	17 3	0 41	14 27	1 49	6 48	13 29	1 4	0 37	13 8	12 11	0 2
S 18	19 24	13 49	4 4	23 0	1 4	26 17	3 23	24 36	1 22	18 56	0 21	6 12	2 16	17 2	0 41	14 27	1 49	6 48	13 29	1 3	0 36	13 9	12 12	0 2
M19	19 37	10 47	3 17	22 44	0 49	26 11	3 22	24 39	1 25	18 56	0 21	6 12	2 16	17 2	0 41	14 26	1 49	6 49	13 29	1 2	0 35	13 10	12 13	0 2
T 20	19 50	7 7	2 17	22 27	0 34	26 5	3 21	24 41	1 29	18 56	0 21	6 12	2 16	17 1	0 41	14 26	1 49	6 49	13 29	1 2	0 33	13 12	12 14	0 2
W21	20 3	2 59	1 8	22 8	0 18	25 59	3 19	24 44	1 32	18 56	0 21	6 12	2 16	17 1	0 41	14 25	1 49	6 49	13 29	1 2	0 32	13 13	12 15	0 2
T 22	20 15	1s27	0n 7	21 48	0 1	25 52	3 18	24 47	1 36	18 56	0 22	6 12	2 15	17 1	0 41	14 25	1 49	6 50	13 29	1 3	0 31	13 14	12 17	0 2
F 23	20 27	5 56	1 24	21 27	0s16	25 44	3 16	24 50	1 39	18 56	0 22	6 12	2 15	17 0	0 41	14 24	1 49	6 50	13 29	1 2	0 30	13 15	12 18	0 2
S 24	20 38	10 9	2 36	21 6	0 34	25 37	3 14	24 53	1 43	18 56	0 22	6 12	2 15	17 0	0 41	14 24	1 49	6 50	13 29	1 1	0 28	13 17	12 19	0 3
S 25	20 49	13 47	3 39	20 43	0 51	25 28	3 12	24 55	1 46	18 56	0 22	6 11	2 15	16 59	0 41	14 24	1 49	6 51	13 29	0 59	0 27	13 18	12 20	0 3
M26	21 0	16 30	4 27	20 21	1 9	25 20	3 9	24 58	1 50	18 56	0 22	6 11	2 15	16 58	0 41	14 23	1 49	6 51	13 29	0 56	0 26	13 19	12 21	0 3
T 27	21 11	18 2	4 56	19 58	1 26	25 11	3 7	25 1	1 53	18 57	0 23	6 11	2 14	16 58	0 41	14 23	1 49	6 51	13 29	0 52	0 25	13 21	12 22	0 3
W28	21 21	18 18	5 4	19 35	1 43	25 2	3 4	25 3	1 57	18 57	0 23	6 10	2 14	16 57	0 41	14 22	1 49	6 51	13 29	0 48	0 23	13 22	12 23	0 3
T 29	21 30	17 21	4 51	19 13	2 0	24 53	3 1	25 6	2 0	18 57	0 23	6 10	2 14	16 57	0 41	14 22	1 49	6 52	13 29	0 45	0 22	13 23	12 24	0 3
F 30	21 40	15 20	4 22	18 51	2 16	24 43	2 57	25 8	2 4	18 58	0 23	6 10	2 14	16 56	0 41	14 22	1 49	6 52	13 29	0 42	0 21	13 24	12 25	0 3
S 31	21n49	12s32	3n38	18n31	2s31	24n33	2n54	25s10	2s 8	18s58	0s23	6n 9	2n14	16n56	0n41	14s21	1n49	6n52	13s29	0s41	0s20	13n26	12n26	0s 3

Julian Day Number = 2498050.5, Delta T = 107.40 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'10, Lahiri = 25°38'10

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ASTRODIENST EPHEMERIS for the year 2127
geocentric

JUNE 2127 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 9	10♊ 8'42	29♒12	3°R48	22♋16	19°R47	6°R39	19♍39	15♌11	14°R10	29♉41	1°R40	0♎46	17♉33	2♉59	S 1
M 2	16 40 6	11° 6'15	11♓54	3♊20	22°55	19♐29	6♒38	19°40	15°13	14♏ 8	29°42	1°D40	0°43	17°40	3° 2	M 2
T 3	16 44 3	12° 3'46	24°15	2°54	23°32	19°10	6°36	19°41	15°15	14° 7	29°43	1♎40	0°40	17°46	3° 6	T 3
W 4	16 47 59	13° 1'17	6♈21	2°31	24° 9	18°51	6°34	19°42	15°18	14° 6	29°45	1°R40	0°36	17°53	3° 9	W 4
T 5	16 51 56	13°58'48	18°17	2°12	24°43	18°32	6°32	19°44	15°20	14° 4	29°46	1°39	0°33	18° 0	3°12	T 5
F 6	16 55 52	14°56'17	0♉ 6	1°56	25°17	18°13	6°30	19°45	15°22	14° 3	29°47	1°35	0°30	18° 6	3°15	F 6
S 7	16 59 49	15°53'46	11°54	1°45	25°49	17°53	6°28	19°47	15°24	14° 2	29°49	1°29	0°27	18°13	3°18	S 7
S 8	17 3 45	16°51'13	23°44	1°38	26°20	17°33	6°26	19°48	15°26	14° 0	29°50	1°21	0°24	18°20	3°20	S 8
M 9	17 7 42	17°48'40	5♊37	1°D35	26°50	17°13	6°23	19°50	15°29	13°59	29°51	1°10	0°20	18°27	3°23	M 9
T 10	17 11 38	18°46'07	17°37	1°36	27°18	16°53	6°20	19°52	15°31	13°58	29°52	0°57	0°17	18°33	3°26	T 10
W11	17 15 35	19°43'32	29°44	1°42	27°44	16°33	6°17	19°54	15°34	13°56	29°54	0°44	0°14	18°40	3°29	W11
T 12	17 19 32	20°40'57	12♋ 0	1°53	28° 9	16°13	6°14	19°56	15°36	13°55	29°55	0°31	0°11	18°47	3°32	T 12
F 13	17 23 28	21°38'20	24°25	2° 7	28°32	15°52	6°11	19°58	15°39	13°54	29°56	0°19	0° 8	18°53	3°35	F 13
S 14	17 27 25	22°35'43	7♌ 0	2°27	28°53	15°32	6° 7	20° 0	15°41	13°53	29°58	0°11	0° 5	19° 0	3°37	S 14
S 15	17 31 21	23°33'05	19°48	2°51	29°13	15°12	6° 3	20° 3	15°44	13°52	29°59	0° 4	0° 1	19° 7	3°40	S 15
M16	17 35 18	24°30'25	2♍49	3°19	29°30	14°53	5°59	20° 5	15°46	13°51	0♊ 0	0° 1	29♍58	19°13	3°43	M16
T 17	17 39 14	25°27'45	16° 6	3°52	29°46	14°33	5°55	20° 8	15°49	13°49	0° 1	29♍59	29°55	19°20	3°45	T 17
W18	17 43 11	26°25'04	29°41	4°28	29°59	14°14	5°51	20°10	15°52	13°48	0° 3	29°59	29°52	19°27	3°48	W18
T 19	17 47 7	27°22'22	13♎37	5°10	0♌11	13°55	5°47	20°13	15°54	13°47	0° 4	29°59	29°49	19°33	3°50	T 19
F 20	17 51 4	28°19'39	27°53	5°55	0°21	13°37	5°42	20°16	15°57	13°46	0° 5	29°58	29°46	19°40	3°53	F 20
S 21	17 55 1	29°16'55	12♏29	6°44	0°28	13°18	5°37	20°19	16° 0	13°45	0° 6	29°54	29°42	19°47	3°55	S 21
S 22	17 58 57	0♋14'10	27°19	7°37	0°33	13° 1	5°33	20°22	16° 3	13°44	0° 7	29°47	29°39	19°54	3°58	S 22
M23	18 2 54	1°11'25	12♐19	8°34	0°36	12°44	5°28	20°25	16° 6	13°43	0° 9	29°38	29°36	20° 0	4° 0	M23
T 24	18 6 50	2° 8'39	27°18	9°35	0°R36	12°27	5°22	20°28	16° 8	13°42	0°10	29°28	29°33	20° 7	4° 2	T 24
W25	18 10 47	3° 5'53	12♑ 7	10°40	0°34	12°11	5°17	20°31	16°11	13°41	0°11	29°17	29°30	20°14	4° 5	W25
T 26	18 14 43	4° 3'07	26°37	11°48	0°30	11°55	5°12	20°35	16°14	13°40	0°12	29° 6	29°26	20°20	4° 7	T 26
F 27	18 18 40	5° 0'20	10♒43	13° 0	0°23	11°40	5° 6	20°38	16°17	13°39	0°13	28°58	29°23	20°27	4° 9	F 27
S 28	18 22 36	5°57'33	24°22	14°16	0°14	11°26	5° 0	20°42	16°20	13°39	0°14	28°52	29°20	20°34	4°11	S 28
S 29	18 26 33	6°54'46	7♓32	15°35	0° 3	11°12	4°54	20°45	16°23	13°38	0°16	28°49	29°17	20°40	4°13	S 29
M30	18 30 30	7♋51'58	20♓17	16♊58	29♋49	10♐59	4♒48	20♍49	16♌27	13♏37	0♊17	28♍47	29♍14	20♉47	4♉15	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n57	9s11	2n44	18n11	2s46	24n22	2n50	25s12	2s11	18s59	0s23	6n 8	2n13	16n55	0n41	14s21	1n49	6n52	13s29	0s40	0s18	13n27	12n27	0s 3
M 2	22 5	5 30	1 43	17 52	2 59	24 12	2 46	25 15	2 15	18 59	0 24	6 8	2 13	16 54	0 41	14 20	1 49	6 53	13 29	0 40	0 17	13 28	12 28	0 3
T 3	22 13	1 41	0 39	17 35	3 11	24 1	2 41	25 17	2 18	19 0	0 24	6 7	2 13	16 54	0 41	14 20	1 49	6 53	13 29	0 40	0 16	13 29	12 29	0 3
W 4	22 21	2n 8	0s25	17 20	3 23	23 50	2 37	25 18	2 22	19 0	0 24	6 7	2 13	16 53	0 41	14 20	1 49	6 53	13 29	0 40	0 14	13 31	12 30	0 3
T 5	22 28	5 49	1 27	17 7	3 33	23 39	2 32	25 20	2 25	19 1	0 24	6 6	2 13	16 52	0 41	14 19	1 49	6 53	13 29	0 39	0 13	13 32	12 31	0 3
F 6	22 34	9 14	2 25	16 55	3 41	23 27	2 26	25 22	2 29	19 2	0 24	6 5	2 13	16 52	0 41	14 19	1 49	6 54	13 29	0 38	0 12	13 33	12 32	0 4
S 7	22 40	12 17	3 16	16 45	3 49	23 16	2 21	25 24	2 32	19 2	0 25	6 4	2 12	16 51	0 41	14 18	1 49	6 54	13 29	0 36	0 11	13 34	12 33	0 4
S 8	22 46	14 50	3 59	16 38	3 55	23 4	2 15	25 25	2 35	19 3	0 25	6 4	2 12	16 50	0 40	14 18	1 49	6 54	13 29	0 32	0 9	13 36	12 34	0 4
M 9	22 52	16 46	4 32	16 32	4 0	22 52	2 8	25 26	2 39	19 4	0 25	6 3	2 12	16 50	0 40	14 18	1 48	6 54	13 29	0 28	0 8	13 37	12 35	0 4
T 10	22 57	17 59	4 53	16 29	4 4	22 41	2 2	25 28	2 42	19 5	0 25	6 2	2 12	16 49	0 40	14 17	1 48	6 54	13 29	0 23	0 7	13 38	12 35	0 4
W11	23 1	18 25	5 0	16 27	4 7	22 29	1 55	25 29	2 45	19 6	0 25	6 1	2 12	16 48	0 40	14 17	1 48	6 55	13 29	0 17	0 6	13 39	12 36	0 4
T 12	23 6	17 59	4 55	16 28	4 8	22 17	1 48	25 30	2 48	19 7	0 26	6 0	2 11	16 47	0 40	14 17	1 48	6 55	13 30	0 12	0 4	13 41	12 37	0 4
F 13	23 9	16 42	4 35	16 31	4 8	22 4	1 40	25 31	2 51	19 8	0 26	5 59	2 11	16 47	0 40	14 16	1 48	6 55	13 30	0 8	0 3	13 42	12 38	0 4
S 14	23 13	14 37	4 1	16 35	4 8	21 52	1 32	25 32	2 54	19 9	0 26	5 58	2 11	16 46	0 40	14 16	1 48	6 55	13 30	0 4	0 2	13 43	12 39	0 4
S 15	23 16	11 46	3 15	16 41	4 6	21 40	1 24	25 32	2 57	19 10	0 26	5 57	2 11	16 45	0 40	14 16	1 48	6 55	13 30	0 2	0 1	13 44	12 40	0 4
M16	23 18	8 19	2 18	16 49	4 3	21 28	1 15	25 33	3 0	19 11	0 26	5 56	2 11	16 44	0 40	14 16	1 48	6 55	13 30	0 0	0n 1	13 46	12 41	0 4
T 17	23 21	4 22	1 13	16 59	4 0	21 16	1 6	25 33	3 3	19 12	0 27	5 54	2 10	16 43	0 40	14 15	1 48	6 56	13 30	0n 0	0 2	13 47	12 41	0 4
W18	23 22	0 6	0 2	17 10	3 55	21 4	0 57	25 34	3 6	19 14	0 27	5 53	2 10	16 43	0 40	14 15	1 48	6 56	13 30	0 0	0 3	13 48	12 42	0 4
T 19	23 24	4s16	1n11	17 22	3 50	20 52	0 47	25 34	3 8	19 15	0 27	5 52	2 10	16 42	0 40	14 15	1 48	6 56	13 30	0 0	0 4	13 49	12 43	0 5
F 20	23 25	8 30	2 22	17 36	3 44	20 40	0 37	25 34	3 11	19 16	0 27	5 51	2 10	16 41	0 40	14 14	1 48	6 56	13 30	0 1	0 6	13 50	12 44	0 5
S 21	23 25	12 19	3 24	17 51	3 37	20 28	0 27	25 34	3 13	19 18	0 27	5 49	2 10	16 40	0 40	14 14	1 48	6 56	13 30	0 2	0 7	13 52	12 44	0 5
S 22	23 25	15 25	4 14	18 7	3 30	20 17	0 16	25 34	3 16	19 19	0 28	5 48	2 10	16 39	0 40	14 14	1 48	6 56	13 30	0 5	0 8	13 53	12 45	0 5
M23	23 25	17 30	4 47	18 24	3 22	20 5	0 5	25 34	3 18	19 20	0 28	5 47	2 9	16 38	0 40	14 14	1 48	6 56	13 30	0 9	0 10	13 54	12 46	0 5
T 24	23 24	18 23	5 0	18 41	3 13	19 54	0s 7	25 34	3 20	19 22	0 28	5 45	2 9	16 37	0 40	14 13	1 48	6 57	13 31	0 13	0 11	13 55	12 47	0 5
W25	23 23	18 0	4 53	19 0	3 4	19 42	0 19	25 34	3 22	19 23	0 28	5 44	2 9	16 37	0 40	14 13	1 48	6 57	13 31	0 17	0 12	13 56	12 47	0 5
T 26	23 21	16 27	4 27	19 19	2 54	19 31	0 31	25 34	3 24	19 25	0 28	5 42	2 9	16 36	0 40	14 13	1 48	6 57	13 31	0 21	0 13	13 58	12 48	0 5
F 27	23 20	13 55	3 45	19 38	2 44	19 20	0 44	25 34	3 26	19 26	0 29	5 41	2 9	16 35	0 40	14 13	1 48	6 57	13 31	0 25	0 15	13 59	12 49	0 5
S 28	23 17	10 42	2 51	19 57	2 33	19 10	0 57	25 34	3 28	19 28	0 29	5 39	2 9	16 34	0 40	14 12	1 48	6 57	13 31	0 27	0 16	14 0	12 49	0 5
S 29	23 14	7 2	1 50	20 17	2 22	18 59	1 10	25 34	3 30	19 29	0 29	5 38	2 8	16 33	0 40	14 12	1 48	6 57	13 31	0 28	0 17	14 1	12 50	0 5
M30	23n11	3s 9	0n45	20n37	2s11	18n49	1s23	25s33	3s31	19s31	0s29	5n36	2n 8	16n32	0n40	14s12	1n48	6n57	13s31	0n29	0n18	14n 3	12n51	0s 5

Julian Day Number = 2498081.5, Delta T = 107.45 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'14, Lahiri = 25°38'15

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ASTRODIENST EPHEMERIS for the year 2127
geocentric

JULY 2127 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 34 26	8♋49'11	2♈41	18♊24	29°R33	10°R47	4°R42	20♍53	16♌30	13°R36	0♊18	28°R47	29♍11	20♉54	4♉17	T 1
W 2	18 38 23	9°46'24	14°48	19°54	29♋14	10♐35	4♒36	20°56	16°33	13♏35	0°19	28♍47	29° 7	21° 0	4°19	W 2
T 3	18 42 19	10°43'37	26°44	21°27	28°54	10°25	4°30	21° 0	16°36	13°35	0°20	28°46	29° 4	21° 7	4°21	T 3
F 4	18 46 16	11°40'50	8♉35	23° 4	28°31	10°14	4°23	21° 4	16°39	13°34	0°21	28°43	29° 1	21°14	4°23	F 4
S 5	18 50 12	12°38'03	20°24	24°44	28° 6	10° 5	4°17	21° 9	16°42	13°33	0°22	28°38	28°58	21°21	4°25	S 5
S 6	18 54 9	13°35'16	2♊17	26°27	27°39	9°57	4°10	21°13	16°46	13°33	0°23	28°30	28°55	21°27	4°27	S 6
M 7	18 58 5	14°32'30	14°16	28°13	27°10	9°49	4° 3	21°17	16°49	13°32	0°24	28°20	28°52	21°34	4°29	M 7
T 8	19 2 2	15°29'43	26°24	0♋ 2	26°39	9°42	3°56	21°21	16°52	13°32	0°25	28° 8	28°48	21°41	4°30	T 8
W 9	19 5 59	16°26'57	8♋42	1°55	26° 7	9°36	3°49	21°26	16°55	13°31	0°26	27°56	28°45	21°47	4°32	W 9
T 10	19 9 55	17°24'11	21°12	3°49	25°34	9°31	3°42	21°30	16°59	13°30	0°27	27°44	28°42	21°54	4°34	T 10
F 11	19 13 52	18°21'25	3♌53	5°47	24°59	9°27	3°35	21°35	17° 2	13°30	0°28	27°33	28°39	22° 1	4°35	F 11
S 12	19 17 48	19°18'39	16°46	7°47	24°23	9°23	3°28	21°40	17° 6	13°30	0°29	27°25	28°36	22° 7	4°37	S 12
S 13	19 21 45	20°15'52	29°50	9°49	23°47	9°21	3°20	21°44	17° 9	13°29	0°30	27°20	28°32	22°14	4°38	S 13
M14	19 25 41	21°13'06	13♍ 5	11°53	23°10	9°19	3°13	21°49	17°12	13°29	0°31	27°17	28°29	22°21	4°39	M14
T 15	19 29 38	22°10'20	26°33	13°58	22°32	9°18	3° 6	21°54	17°16	13°28	0°32	27°D16	28°26	22°28	4°41	T 15
W16	19 33 34	23° 7'34	10♎14	16° 5	21°55	9°D18	2°58	21°59	17°19	13°28	0°33	27°16	28°23	22°34	4°42	W16
T 17	19 37 31	24° 4'47	24° 8	18°12	21°17	9°19	2°51	22° 4	17°23	13°28	0°34	27°R17	28°20	22°41	4°43	T 17
F 18	19 41 28	25° 2'01	8♏15	20°21	20°40	9°20	2°43	22° 9	17°26	13°27	0°35	27°16	28°17	22°48	4°45	F 18
S 19	19 45 24	25°59'15	22°36	22°29	20° 4	9°23	2°35	22°14	17°30	13°27	0°35	27°13	28°13	22°54	4°46	S 19
S 20	19 49 21	26°56'29	7♐ 6	24°38	19°29	9°26	2°28	22°19	17°33	13°27	0°36	27° 8	28°10	23° 1	4°47	S 20
M21	19 53 17	27°53'43	21°42	26°47	18°54	9°30	2°20	22°25	17°37	13°27	0°37	27° 1	28° 7	23° 8	4°48	M21
T 22	19 57 14	28°50'57	6♑18	28°55	18°21	9°35	2°12	22°30	17°40	13°27	0°38	26°53	28° 4	23°14	4°49	T 22
W23	20 1 10	29°48'12	20°45	1♌ 2	17°49	9°41	2° 4	22°35	17°44	13°27	0°39	26°44	28° 1	23°21	4°50	W23
T 24	20 5 7	0♌45'27	4♒59	3° 9	17°19	9°47	1°57	22°41	17°48	13°26	0°39	26°36	27°58	23°28	4°51	T 24
F 25	20 9 3	1°42'42	18°53	5°15	16°51	9°55	1°49	22°47	17°51	13°26	0°40	26°29	27°54	23°34	4°51	F 25
S 26	20 13 0	2°39'59	2♓24	7°19	16°25	10° 3	1°41	22°52	17°55	13°D26	0°41	26°24	27°51	23°41	4°52	S 26
S 27	20 16 57	3°37'15	15°32	9°22	16° 1	10°11	1°33	22°58	17°58	13°26	0°42	26°22	27°48	23°48	4°53	S 27
M28	20 20 53	4°34'33	28°17	11°24	15°39	10°21	1°26	23° 4	18° 2	13°26	0°42	26°D21	27°45	23°55	4°54	M28
T 29	20 24 50	5°31'52	10♈41	13°24	15°19	10°31	1°18	23° 9	18° 6	13°27	0°43	26°22	27°42	24° 1	4°54	T 29
W30	20 28 46	6°29'11	22°51	15°23	15° 1	10°42	1°10	23°15	18° 9	13°27	0°44	26°23	27°38	24° 8	4°55	W30
T 31	20 32 43	7♌26'31	4♉49	17♌20	14♋46	10♐54	1♒ 3	23♍21	18♌13	13♏27	0♊44	26°R24	27♍35	24♉15	4♉55	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 8	0n45	0s21	20n56	1s59	18n39	1s37	25s33	3s33	19s33	0s29	5n35	2n 8	16n31	0n40	14s12	1n48	6n57	13s32	0n29	0n20	14n 4	12n51	0s 5
W 2	23 4	4 32	1 24	21 15	1 47	18 29	1 51	25 33	3 34	19 34	0 29	5 33	2 8	16 30	0 40	14 12	1 47	6 57	13 32	0 29	0 21	14 5	12 52	0 6
T 3	22 59	8 5	2 22	21 34	1 35	18 20	2 5	25 33	3 36	19 36	0 30	5 31	2 8	16 29	0 40	14 12	1 47	6 57	13 32	0 29	0 22	14 6	12 52	0 6
F 4	22 54	11 17	3 14	21 52	1 23	18 10	2 19	25 32	3 37	19 38	0 30	5 29	2 8	16 28	0 40	14 11	1 47	6 57	13 32	0 30	0 23	14 7	12 53	0 6
S 5	22 49	14 1	3 58	22 8	1 11	18 1	2 33	25 32	3 38	19 40	0 30	5 28	2 7	16 27	0 40	14 11	1 47	6 57	13 32	0 32	0 25	14 8	12 54	0 6
S 6	22 44	16 10	4 31	22 24	0 58	17 53	2 47	25 32	3 39	19 41	0 30	5 26	2 7	16 26	0 40	14 11	1 47	6 57	13 32	0 36	0 26	14 10	12 54	0 6
M 7	22 38	17 39	4 53	22 39	0 46	17 44	3 2	25 32	3 40	19 43	0 30	5 24	2 7	16 25	0 40	14 11	1 47	6 58	13 32	0 40	0 27	14 11	12 55	0 6
T 8	22 31	18 21	5 1	22 52	0 34	17 36	3 16	25 32	3 41	19 45	0 31	5 22	2 7	16 24	0 40	14 11	1 47	6 58	13 33	0 44	0 28	14 12	12 55	0 6
W 9	22 24	18 13	4 56	23 3	0 21	17 28	3 30	25 32	3 42	19 47	0 31	5 20	2 7	16 23	0 40	14 11	1 47	6 58	13 33	0 49	0 30	14 13	12 56	0 6
T 10	22 17	17 11	4 37	23 12	0 9	17 21	3 44	25 32	3 43	19 49	0 31	5 18	2 7	16 22	0 40	14 11	1 47	6 58	13 33	0 54	0 31	14 14	12 56	0 6
F 11	22 10	15 19	4 4	23 20	0n 2	17 14	3 57	25 32	3 43	19 50	0 31	5 16	2 7	16 21	0 40	14 11	1 47	6 58	13 33	0 58	0 32	14 16	12 56	0 6
S 12	22 2	12 39	3 18	23 25	0 13	17 7	4 10	25 32	3 44	19 52	0 31	5 14	2 6	16 20	0 40	14 10	1 47	6 58	13 33	1 2	0 34	14 17	12 57	0 6
S 13	21 54	9 20	2 21	23 28	0 24	17 0	4 23	25 32	3 45	19 54	0 31	5 12	2 6	16 19	0 40	14 10	1 47	6 58	13 33	1 4	0 35	14 18	12 57	0 6
M14	21 45	5 29	1 15	23 28	0 35	16 54	4 36	25 32	3 45	19 56	0 32	5 10	2 6	16 18	0 40	14 10	1 47	6 58	13 34	1 5	0 36	14 19	12 58	0 7
T 15	21 36	1 19	0 4	23 26	0 44	16 48	4 48	25 33	3 46	19 58	0 32	5 8	2 6	16 17	0 40	14 10	1 47	6 58	13 34	1 5	0 37	14 20	12 58	0 7
W16	21 26	3s 0	1n 9	23 20	0 54	16 43	4 59	25 33	3 46	20 0	0 32	5 6	2 6	16 16	0 40	14 10	1 47	6 58	13 34	1 5	0 39	14 21	12 58	0 7
T 17	21 17	7 12	2 18	23 13	1 2	16 38	5 10	25 33	3 46	20 2	0 32	5 4	2 6	16 15	0 40	14 10	1 47	6 58	13 34	1 5	0 40	14 23	12 59	0 7
F 18	21 7	11 5	3 21	23 2	1 10	16 33	5 21	25 34	3 46	20 4	0 32	5 2	2 6	16 14	0 40	14 10	1 47	6 58	13 34	1 5	0 41	14 24	12 59	0 7
S 19	20 56	14 21	4 11	22 49	1 17	16 29	5 30	25 34	3 47	20 5	0 32	5 0	2 5	16 13	0 40	14 10	1 47	6 58	13 35	1 6	0 42	14 25	12 59	0 7
S 20	20 45	16 46	4 46	22 33	1 24	16 25	5 39	25 35	3 47	20 7	0 32	4 58	2 5	16 11	0 40	14 10	1 46	6 58	13 35	1 8	0 44	14 26	13 0	0 7
M21	20 34	18 7	5 3	22 15	1 29	16 21	5 48	25 36	3 47	20 9	0 33	4 55	2 5	16 10	0 40	14 10	1 46	6 57	13 35	1 11	0 45	14 27	13 0	0 7
T 22	20 22	18 16	5 1	21 54	1 34	16 18	5 55	25 36	3 47	20 11	0 33	4 53	2 5	16 9	0 40	14 10	1 46	6 57	13 35	1 14	0 46	14 28	13 0	0 7
W23	20 11	17 14	4 39	21 31	1 38	16 15	6 2	25 37	3 47	20 13	0 33	4 51	2 5	16 8	0 40	14 10	1 46	6 57	13 35	1 18	0 47	14 30	13 0	0 7
T 24	19 58	15 8	4 0	21 5	1 42	16 12	6 8	25 38	3 47	20 15	0 33	4 49	2 5	16 7	0 40	14 10	1 46	6 57	13 36	1 21	0 49	14 31	13 1	0 7
F 25	19 46	12 11	3 7	20 38	1 44	16 10	6 14	25 39	3 47	20 17	0 33	4 46	2 5	16 6	0 40	14 10	1 46	6 57	13 36	1 24	0 50	14 32	13 1	0 7
S 26	19 33	8 40	2 5	20 8	1 46	16 9	6 19	25 40	3 47	20 19	0 33	4 44	2 5	16 5	0 40	14 10	1 46	6 57	13 36	1 26	0 51	14 33	13 1	0 7
S 27	19 20	4 49	0 58	19 37	1 47	16 7	6 23	25 41	3 46	20 20	0 33	4 42	2 4	16 4	0 40	14 10	1 46	6 57	13 36	1 27	0 52	14 34	13 1	0 8
M28	19 6	0 51	0s10	19 4	1 47	16 6	6 26	25 43	3 46	20 22	0 34	4 39	2 4	16 3	0 40	14 10	1 46	6 57	13 37	1 27	0 54	14 35	13 1	0 8
T 29	18 52	3n 3	1 16	18 30	1 47	16 6	6 29	25 44	3 46	20 24	0 34	4 37	2 4	16 1	0 40	14 11	1 46	6 57	13 37	1 27	0 55	14 36	13 1	0 8
W30	18 38	6 45	2 18	17 54	1 46	16 6	6 31	25 45	3 46	20 26	0 34	4 35	2 4	16 0	0 40	14 11	1 46	6 57	13 37	1 26	0 56	14 38	13 2	0 8
T 31	18n24	10n 6	3s12	17n17	1n45	16n 6	6s33	25s47	3s45	20s28	0s34	4n32	2n 4	15n59	0n40	14s11	1n46	6n57	13s37	1n26	0n58	14n39	13n 2	0s 8

Julian Day Number = 2498111.5, Delta T = 107.50 sec
Ecliptic obliquity = 23°25'12, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'18, Lahiri = 25°38'19

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ASTRODIENST EPHEMERIS for the year 2127
geocentric

AUGUST 2127 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 36 39	8♌23'53	16♉41	19♌15	14°R34	11♐ 6	0°R55	23♍27	18♌17	13♏27	0♊45	26°R24	27♍32	24♉21	4♉56	F 1
S 2	20 40 36	9°21'15	28°33	21° 9	14♋23	11°19	0♒47	23°33	18°20	13°27	0°45	26♍22	27°29	24°28	4°56	S 2
S 3	20 44 32	10°18'39	10♊28	23° 1	14°15	11°33	0°40	23°39	18°24	13°27	0°46	26°18	27°26	24°35	4°57	S 3
M 4	20 48 29	11°16'04	22°31	24°52	14°10	11°48	0°32	23°45	18°28	13°28	0°47	26°12	27°23	24°41	4°57	M 4
T 5	20 52 26	12°13'29	4♋46	26°41	14° 7	12° 3	0°25	23°51	18°31	13°28	0°47	26° 5	27°19	24°48	4°57	T 5
W 6	20 56 22	13°10'56	17°14	28°28	14°D 6	12°19	0°17	23°58	18°35	13°28	0°48	25°58	27°16	24°55	4°57	W 6
T 7	21 0 19	14° 8'24	29°58	0♍14	14° 7	12°35	0°10	24° 4	18°39	13°29	0°48	25°50	27°13	25° 2	4°57	T 7
F 8	21 4 15	15° 5'53	12♌56	1°58	14°11	12°52	0° 3	24°10	18°43	13°29	0°49	25°44	27°10	25° 8	4°57	F 8
S 9	21 8 12	16° 3'23	26°10	3°40	14°17	13°10	29♑55	24°17	18°46	13°30	0°49	25°39	27° 7	25°15	4°R57	S 9
S 10	21 12 8	17° 0'53	9♍36	5°21	14°25	13°28	29°48	24°23	18°50	13°30	0°50	25°36	27° 3	25°22	4°57	S 10
M11	21 16 5	17°58'25	23°15	7° 0	14°35	13°47	29°41	24°29	18°54	13°31	0°50	25°D35	27° 0	25°28	4°57	M11
T 12	21 20 1	18°55'57	7♎ 3	8°38	14°48	14° 6	29°34	24°36	18°58	13°31	0°50	25°35	26°57	25°35	4°57	T 12
W13	21 23 58	19°53'31	21° 0	10°14	15° 2	14°26	29°27	24°43	19° 1	13°32	0°51	25°37	26°54	25°42	4°57	W13
T 14	21 27 55	20°51'05	5♏ 3	11°49	15°18	14°47	29°21	24°49	19° 5	13°32	0°51	25°38	26°51	25°48	4°57	T 14
F 15	21 31 51	21°48'40	19°13	13°22	15°37	15° 8	29°14	24°56	19° 9	13°33	0°52	25°R39	26°48	25°55	4°56	F 15
S 16	21 35 48	22°46'16	3♐26	14°53	15°57	15°30	29° 8	25° 2	19°12	13°34	0°52	25°38	26°44	26° 2	4°56	S 16
S 17	21 39 44	23°43'53	17°40	16°23	16°18	15°52	29° 1	25° 9	19°16	13°34	0°52	25°37	26°41	26° 9	4°56	S 17
M18	21 43 41	24°41'31	1♑54	17°51	16°42	16°15	28°55	25°16	19°20	13°35	0°52	25°34	26°38	26°15	4°55	M18
T 19	21 47 37	25°39'09	16° 2	19°17	17° 7	16°38	28°49	25°23	19°24	13°36	0°53	25°30	26°35	26°22	4°54	T 19
W20	21 51 34	26°36'49	0♒ 3	20°42	17°34	17° 2	28°43	25°30	19°27	13°36	0°53	25°25	26°32	26°29	4°54	W20
T 21	21 55 30	27°34'30	13°51	22° 6	18° 2	17°26	28°37	25°36	19°31	13°37	0°53	25°21	26°29	26°35	4°53	T 21
F 22	21 59 27	28°32'12	27°23	23°27	18°32	17°51	28°31	25°43	19°35	13°38	0°53	25°18	26°25	26°42	4°53	F 22
S 23	22 3 24	29°29'56	10♓38	24°47	19° 3	18°16	28°25	25°50	19°38	13°39	0°54	25°16	26°22	26°49	4°52	S 23
S 24	22 7 20	0♍27'41	23°35	26° 5	19°36	18°42	28°20	25°57	19°42	13°40	0°54	25°D15	26°19	26°56	4°51	S 24
M25	22 11 17	1°25'27	6♈13	27°22	20°10	19° 8	28°14	26° 4	19°46	13°41	0°54	25°16	26°16	27° 2	4°50	M25
T 26	22 15 13	2°23'15	18°35	28°36	20°46	19°34	28° 9	26°11	19°49	13°42	0°54	25°17	26°13	27° 9	4°49	T 26
W27	22 19 10	3°21'05	0♉44	29°48	21°22	20° 1	28° 4	26°18	19°53	13°43	0°54	25°18	26° 9	27°16	4°48	W27
T 28	22 23 6	4°18'56	12°42	0♎59	22° 0	20°28	27°59	26°25	19°57	13°44	0°54	25°20	26° 6	27°22	4°47	T 28
F 29	22 27 3	5°16'49	24°35	2° 7	22°39	20°56	27°54	26°33	20° 0	13°45	0°54	25°21	26° 3	27°29	4°46	F 29
S 30	22 30 59	6°14'44	6♊28	3°14	23°19	21°24	27°50	26°40	20° 4	13°46	0°54	25°R21	26° 0	27°36	4°45	S 30
S 31	22 34 56	7♍12'41	18♊24	4♎18	24♋ 0	21♐53	27♑45	26♍47	20♌ 8	13♏47	0°R54	25♍21	25♍57	27♉42	4♉44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	18n 9	13n 0	3s58	16n39	1n42	16n 6	6s34	25s48	3s45	20s29	0s34	4n30	2n 4	15n58	0n40	14s11	1n46	6n57	13s37	1n26	0n59	14n40	13n 2	0s 8	F 1
S 2	17 54	15 23	4 33	16 1	1 40	16 7	6 34	25 49	3 44	20 31	0 34	4 27	2 4	15 57	0 40	14 11	1 46	6 56	13 38	1 27	1 0	14 41	13 2	0 8	S 2
S 3	17 39	17 6	4 57	15 21	1 36	16 8	6 34	25 51	3 44	20 33	0 34	4 25	2 4	15 56	0 40	14 11	1 46	6 56	13 38	1 28	1 1	14 42	13 2	0 8	S 3
M 4	17 23	18 5	5 8	14 41	1 33	16 9	6 33	25 52	3 43	20 35	0 34	4 22	2 4	15 55	0 40	14 11	1 46	6 56	13 38	1 31	1 3	14 43	13 2	0 8	M 4
T 5	17 7	18 15	5 5	14 0	1 28	16 10	6 32	25 54	3 43	20 36	0 34	4 20	2 3	15 53	0 40	14 11	1 46	6 56	13 38	1 33	1 4	14 44	13 2	0 8	T 5
W 6	16 51	17 33	4 48	13 18	1 24	16 12	6 31	25 55	3 42	20 38	0 35	4 17	2 3	15 52	0 40	14 12	1 45	6 56	13 39	1 36	1 5	14 45	13 2	0 8	W 6
T 7	16 34	15 58	4 16	12 36	1 19	16 14	6 29	25 57	3 42	20 40	0 35	4 15	2 3	15 51	0 40	14 12	1 45	6 56	13 39	1 39	1 6	14 47	13 2	0 9	T 7
F 8	16 18	13 33	3 31	11 54	1 13	16 16	6 26	25 59	3 41	20 41	0 35	4 12	2 3	15 50	0 40	14 12	1 45	6 56	13 39	1 42	1 8	14 48	13 2	0 9	F 8
S 9	16 1	10 23	2 33	11 12	1 7	16 18	6 24	26 0	3 40	20 43	0 35	4 9	2 3	15 49	0 40	14 12	1 45	6 56	13 39	1 44	1 9	14 49	13 2	0 9	S 9
S 10	15 43	6 38	1 26	10 29	1 1	16 20	6 21	26 2	3 40	20 45	0 35	4 7	2 3	15 48	0 40	14 12	1 45	6 55	13 40	1 45	1 10	14 50	13 2	0 9	S 10
M11	15 26	2 29	0 13	9 46	0 54	16 22	6 17	26 4	3 39	20 46	0 35	4 4	2 3	15 47	0 40	14 12	1 45	6 55	13 40	1 45	1 11	14 51	13 1	0 9	M11
T 12	15 8	1s51	1n 2	9 3	0 47	16 25	6 14	26 5	3 38	20 48	0 35	4 1	2 3	15 45	0 40	14 13	1 45	6 55	13 40	1 45	1 13	14 52	13 1	0 9	T 12
W13	14 50	6 7	2 14	8 21	0 40	16 27	6 10	26 7	3 38	20 49	0 35	3 59	2 3	15 44	0 40	14 13	1 45	6 55	13 40	1 45	1 14	14 53	13 1	0 9	W13
T 14	14 32	10 4	3 19	7 38	0 33	16 29	6 5	26 9	3 37	20 51	0 35	3 56	2 3	15 43	0 40	14 13	1 45	6 55	13 41	1 44	1 15	14 54	13 1	0 9	T 14
F 15	14 14	13 29	4 12	6 55	0 25	16 32	6 1	26 10	3 36	20 52	0 35	3 53	2 3	15 42	0 40	14 13	1 45	6 55	13 41	1 44	1 16	14 55	13 1	0 9	F 15
S 16	13 55	16 5	4 49	6 13	0 17	16 34	5 56	26 12	3 35	20 54	0 36	3 51	2 3	15 41	0 40	14 14	1 45	6 54	13 41	1 44	1 18	14 56	13 1	0 9	S 16
S 17	13 36	17 43	5 9	5 30	0 9	16 36	5 52	26 14	3 35	20 55	0 36	3 48	2 3	15 40	0 40	14 14	1 45	6 54	13 41	1 45	1 19	14 58	13 0	0 9	S 17
M18	13 17	18 14	5 10	4 48	0 0	16 39	5 46	26 15	3 34	20 57	0 36	3 45	2 2	15 38	0 40	14 14	1 45	6 54	13 42	1 46	1 20	14 59	13 0	0 9	M18
T 19	12 58	17 37	4 53	4 6	0s 8	16 41	5 41	26 17	3 33	20 58	0 36	3 42	2 2	15 37	0 40	14 14	1 45	6 54	13 42	1 47	1 21	15 0	13 0	0 10	T 19
W20	12 38	15 56	4 18	3 25	0 17	16 43	5 36	26 18	3 32	20 59	0 36	3 40	2 2	15 36	0 40	14 15	1 45	6 54	13 42	1 49	1 23	15 1	13 0	0 10	W20
T 21	12 18	13 20	3 28	2 44	0 26	16 45	5 30	26 20	3 31	21 0	0 36	3 37	2 2	15 35	0 40	14 15	1 45	6 53	13 42	1 51	1 24	15 2	12 59	0 10	T 21
F 22	11 58	10 4	2 27	2 4	0 35	16 46	5 25	26 21	3 30	21 2	0 36	3 34	2 2	15 34	0 40	14 15	1 45	6 53	13 43	1 52	1 25	15 3	12 59	0 10	F 22
S 23	11 38	6 21	1 19	1 24	0 44	16 48	5 19	26 23	3 29	21 3	0 36	3 31	2 2	15 33	0 40	14 16	1 45	6 53	13 43	1 53	1 27	15 4	12 59	0 10	S 23
S 24	11 18	2 24	0 9	0 44	0 54	16 49	5 13	26 24	3 28	21 4	0 36	3 29	2 2	15 32	0 40	14 16	1 44	6 53	13 43	1 53	1 28	15 5	12 58	0 10	S 24
M25	10 58	1n33	1s 0	0 5	1 3	16 50	5 7	26 25	3 27	21 5	0 36	3 26	2 2	15 30	0 40	14 16	1 44	6 53	13 43	1 53	1 29	15 6	12 58	0 10	M25
T 26	10 37	5 21	2 5	0s33	1 12	16 51	5 1	26 26	3 27	21 6	0 36	3 23	2 2	15 29	0 40	14 17	1 44	6 52	13 44	1 52	1 30	15 7	12 58	0 10	T 26
W27	10 16	8 51	3 3	1 11	1 22	16 52	4 55	26 28	3 26	21 7	0 36	3 20	2 2	15 28	0 40	14 17	1 44	6 52	13 44	1 52	1 32	15 8	12 57	0 10	W27
T 28	9 55	11 57	3 52	1 47	1 31	16 52	4 49	26 29	3 25	21 8	0 36	3 17	2 2	15 27	0 40	14 17	1 44	6 52	13 44	1 51	1 33	15 9	12 57	0 10	T 28
F 29	9 34	14 31	4 31	2 23	1 41	16 52	4 43	26 30	3 24	21 9	0 36	3 14	2 2	15 26	0 40	14 18	1 44	6 52	13 44	1 51	1 34	15 11	12 56	0 10	F 29
S 30	9 13	16 28	4 59	2 58	1 50	16 52	4 36	26 31	3 23	21 10	0 36	3 11	2 2	15 25	0 40	14 18	1 44	6 51	13 45	1 51	1 35	15 12	12 56	0 11	S 30
S 31	8n51	17n43	5s13	3s32	2s 0	16n52	4s30	26s31	3s22	21s11	0s36	3n 9	2n 2	15n24	0n40	14s18	1n44	6n51	13s45	1n51	1n37	15n13	12n55	0s11	S 31

Julian Day Number = 2498142.5, Delta T = 107.55 sec
Ecliptic obliquity = 23°25'12, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'22, Lahiri = 25°38'23

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ASTRODIENST EPHEMERIS for the year 2127
geocentric

SEPTEMBER 2127 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 38 53	8♍10'40	0♋29	5♎19	24♋43	22♐21	27°R41	26♍54	20♌11	13♏48	0°R54	25°R20	25♍54	27♉49	4°R43	M 1
T 2	22 42 49	9° 8'40	12°46	6°18	25°26	22°51	27♑37	27° 1	20°15	13°49	0♊54	25♍18	25°50	27°56	4♉41	T 2
W 3	22 46 46	10° 6'42	25°19	7°14	26°10	23°20	27°33	27° 9	20°18	13°51	0°54	25°16	25°47	28° 3	4°40	W 3
T 4	22 50 42	11° 4'46	8♌11	8° 8	26°55	23°50	27°29	27°16	20°22	13°52	0°54	25°14	25°44	28° 9	4°39	T 4
F 5	22 54 39	12° 2'52	21°23	8°58	27°41	24°21	27°26	27°23	20°25	13°53	0°54	25°12	25°41	28°16	4°37	F 5
S 6	22 58 35	13° 1'00	4♍55	9°46	28°28	24°51	27°22	27°30	20°29	13°54	0°54	25°11	25°38	28°23	4°36	S 6
S 7	23 2 32	13°59'09	18°44	10°29	29°16	25°23	27°19	27°38	20°32	13°56	0°54	25°D10	25°35	28°29	4°34	S 7
M 8	23 6 28	14°57'20	2♎49	11° 9	0♌ 4	25°54	27°16	27°45	20°36	13°57	0°54	25°10	25°31	28°36	4°33	M 8
T 9	23 10 25	15°55'32	17° 4	11°46	0°53	26°26	27°13	27°52	20°39	13°58	0°54	25°11	25°28	28°43	4°31	T 9
W10	23 14 21	16°53'46	1♏26	12°18	1°43	26°58	27°10	28° 0	20°43	14° 0	0°53	25°11	25°25	28°50	4°29	W10
T 11	23 18 18	17°52'02	15°50	12°45	2°34	27°30	27° 8	28° 7	20°46	14° 1	0°53	25°12	25°22	28°56	4°28	T 11
F 12	23 22 15	18°50'19	0♐12	13° 8	3°26	28° 3	27° 5	28°14	20°50	14° 3	0°53	25°13	25°19	29° 3	4°26	F 12
S 13	23 26 11	19°48'38	14°29	13°26	4°18	28°36	27° 3	28°22	20°53	14° 4	0°53	25°R13	25°15	29°10	4°24	S 13
S 14	23 30 8	20°46'58	28°37	13°38	5°10	29° 9	27° 1	28°29	20°56	14° 6	0°52	25°13	25°12	29°16	4°22	S 14
M15	23 34 4	21°45'20	12♑35	13°44	6° 4	29°43	27° 0	28°37	21° 0	14° 7	0°52	25°13	25° 9	29°23	4°20	M15
T 16	23 38 1	22°43'43	26°22	13°R45	6°58	0♑16	26°58	28°44	21° 3	14° 9	0°52	25°12	25° 6	29°30	4°19	T 16
W17	23 41 57	23°42'08	9♒57	13°39	7°52	0°51	26°57	28°52	21° 6	14°10	0°51	25°12	25° 3	29°36	4°17	W17
T 18	23 45 54	24°40'35	23°18	13°26	8°47	1°25	26°56	28°59	21°10	14°12	0°51	25°12	25° 0	29°43	4°15	T 18
F 19	23 49 50	25°39'03	6♓26	13° 7	9°43	2° 0	26°55	29° 7	21°13	14°13	0°51	25°D12	24°56	29°50	4°13	F 19
S 20	23 53 47	26°37'33	19°19	12°40	10°39	2°35	26°54	29°14	21°16	14°15	0°50	25°R12	24°53	29°57	4°10	S 20
S 21	23 57 44	27°36'04	1♈59	12° 7	11°36	3°10	26°53	29°21	21°19	14°17	0°50	25°12	24°50	0♊ 3	4° 8	S 21
M22	0 1 40	28°34'38	14°26	11°27	12°33	3°45	26°53	29°29	21°22	14°18	0°50	25°12	24°47	0°10	4° 6	M22
T 23	0 5 37	29°33'14	26°41	10°41	13°31	4°21	26°D53	29°36	21°26	14°20	0°49	25°12	24°44	0°17	4° 4	T 23
W24	0 9 33	0♎31'52	8♉46	9°48	14°29	4°57	26°53	29°44	21°29	14°22	0°49	25°11	24°40	0°23	4° 2	W24
T 25	0 13 30	1°30'31	20°43	8°51	15°27	5°33	26°53	29°51	21°32	14°23	0°48	25°10	24°37	0°30	3°59	T 25
F 26	0 17 26	2°29'14	2♊35	7°49	16°27	6° 9	26°53	29°59	21°35	14°25	0°48	25° 9	24°34	0°37	3°57	F 26
S 27	0 21 23	3°27'58	14°27	6°45	17°26	6°46	26°54	0♎ 6	21°38	14°27	0°47	25° 9	24°31	0°44	3°55	S 27
S 28	0 25 19	4°26'44	26°22	5°39	18°26	7°22	26°55	0°14	21°41	14°29	0°47	25° 8	24°28	0°50	3°52	S 28
M29	0 29 16	5°25'33	8♋25	4°33	19°26	7°59	26°56	0°21	21°44	14°31	0°46	25°D 8	24°25	0°57	3°50	M29
T 30	0 33 13	6♎24'24	20♋40	3♎28	20♌27	8♑36	26♑57	0♎29	21♌47	14♏32	0♊45	25♍ 8	24♍21	1♊ 4	3♉48	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n30	18n11	5s14	4s 6	2s 9	16n51	4s23	26s32	3s21	21s12	0s36	3n 6	2n 2	15n22	0n40	14s19	1n44	6n51	13s45	1n51	1n38	15n14	12n55	0s11
T 2	8 8	17 49	5 1	4 38	2 19	16 49	4 17	26 33	3 19	21 13	0 37	3 3	2 2	15 21	0 40	14 19	1 44	6 51	13 45	1 52	1 39	15 15	12 54	0 11
W 3	7 46	16 34	4 33	5 8	2 28	16 48	4 10	26 33	3 18	21 14	0 37	3 0	2 2	15 20	0 40	14 20	1 44	6 50	13 46	1 53	1 40	15 16	12 54	0 11
T 4	7 24	14 28	3 51	5 38	2 37	16 46	4 4	26 34	3 17	21 15	0 37	2 57	2 2	15 19	0 40	14 20	1 44	6 50	13 46	1 54	1 42	15 17	12 53	0 11
F 5	7 2	11 35	2 56	6 6	2 46	16 44	3 57	26 34	3 16	21 15	0 37	2 54	2 2	15 18	0 40	14 20	1 44	6 50	13 46	1 54	1 43	15 18	12 53	0 11
S 6	6 40	8 0	1 50	6 33	2 55	16 41	3 51	26 34	3 15	21 16	0 37	2 51	2 2	15 17	0 40	14 21	1 44	6 50	13 46	1 55	1 44	15 19	12 52	0 11
S 7	6 18	3 54	0 36	6 58	3 4	16 38	3 44	26 34	3 14	21 17	0 37	2 48	2 2	15 16	0 40	14 21	1 44	6 49	13 47	1 55	1 45	15 20	12 52	0 11
M 8	5 55	0s28	0n42	7 21	3 12	16 34	3 38	26 34	3 13	21 17	0 37	2 45	2 2	15 15	0 40	14 22	1 44	6 49	13 47	1 55	1 47	15 21	12 51	0 11
T 9	5 33	4 53	1 58	7 43	3 20	16 30	3 31	26 34	3 12	21 18	0 37	2 42	2 2	15 14	0 40	14 22	1 44	6 49	13 47	1 55	1 48	15 22	12 50	0 11
W10	5 10	9 2	3 8	8 2	3 28	16 26	3 25	26 34	3 11	21 19	0 37	2 40	2 2	15 13	0 40	14 23	1 44	6 48	13 47	1 55	1 49	15 23	12 50	0 11
T 11	4 48	12 39	4 5	8 20	3 35	16 21	3 18	26 33	3 10	21 19	0 37	2 37	2 2	15 12	0 40	14 23	1 44	6 48	13 48	1 54	1 50	15 24	12 49	0 12
F 12	4 25	15 29	4 48	8 35	3 41	16 16	3 11	26 33	3 9	21 20	0 37	2 34	2 2	15 10	0 40	14 24	1 43	6 48	13 48	1 54	1 52	15 25	12 48	0 12
S 13	4 2	17 21	5 12	8 47	3 47	16 11	3 5	26 32	3 7	21 20	0 37	2 31	2 2	15 9	0 40	14 24	1 43	6 48	13 48	1 54	1 53	15 26	12 48	0 12
S 14	3 39	18 8	5 17	8 57	3 53	16 4	2 58	26 31	3 6	21 20	0 37	2 28	2 2	15 8	0 40	14 25	1 43	6 47	13 48	1 54	1 54	15 27	12 47	0 12
M15	3 16	17 48	5 3	9 3	3 57	15 58	2 52	26 30	3 5	21 21	0 37	2 25	2 2	15 7	0 40	14 25	1 43	6 47	13 49	1 54	1 56	15 28	12 46	0 12
T 16	2 53	16 25	4 32	9 7	4 1	15 51	2 45	26 29	3 4	21 21	0 37	2 22	2 2	15 6	0 40	14 26	1 43	6 47	13 49	1 54	1 57	15 29	12 45	0 12
W17	2 30	14 7	3 46	9 7	4 3	15 44	2 39	26 28	3 3	21 21	0 37	2 19	2 2	15 5	0 40	14 26	1 43	6 46	13 49	1 54	1 58	15 30	12 45	0 12
T 18	2 7	11 6	2 48	9 3	4 5	15 36	2 32	26 26	3 2	21 22	0 37	2 16	2 2	15 4	0 40	14 27	1 43	6 46	13 49	1 54	1 59	15 31	12 44	0 12
F 19	1 44	7 34	1 42	8 56	4 5	15 27	2 26	26 25	3 0	21 22	0 37	2 13	2 2	15 3	0 40	14 27	1 43	6 46	13 50	1 54	2 1	15 32	12 43	0 12
S 20	1 20	3 43	0 33	8 44	4 3	15 19	2 20	26 23	2 59	21 22	0 37	2 10	2 2	15 2	0 40	14 28	1 43	6 46	13 50	1 54	2 2	15 33	12 42	0 12
S 21	0 57	0n13	0s38	8 29	4 0	15 9	2 13	26 21	2 58	21 22	0 37	2 7	2 2	15 1	0 40	14 28	1 43	6 45	13 50	1 54	2 3	15 34	12 42	0 12
M22	0 34	4 5	1 45	8 9	3 56	15 0	2 7	26 19	2 57	21 22	0 37	2 4	2 2	15 0	0 40	14 29	1 43	6 45	13 50	1 54	2 4	15 36	12 41	0 13
T 23	0 11	7 42	2 46	7 45	3 50	14 49	2 1	26 16	2 56	21 22	0 37	2 1	2 2	14 59	0 40	14 29	1 43	6 45	13 50	1 55	2 6	15 37	12 40	0 13
W24	0s13	10 57	3 39	7 16	3 41	14 39	1 55	26 14	2 54	21 22	0 37	1 58	2 2	14 58	0 40	14 30	1 43	6 44	13 51	1 55	2 7	15 38	12 39	0 13
T 25	0 36	13 43	4 21	6 44	3 31	14 28	1 48	26 11	2 53	21 22	0 37	1 56	2 2	14 57	0 40	14 30	1 43	6 44	13 51	1 55	2 8	15 39	12 38	0 13
F 26	0 59	15 52	4 53	6 9	3 19	14 16	1 42	26 8	2 52	21 22	0 37	1 53	2 2	14 56	0 40	14 31	1 43	6 44	13 51	1 55	2 9	15 40	12 37	0 13
S 27	1 23	17 22	5 11	5 31	3 5	14 4	1 36	26 5	2 51	21 22	0 37	1 50	2 2	14 55	0 40	14 31	1 43	6 43	13 51	1 56	2 11	15 41	12 37	0 13
S 28	1 46	18 6	5 17	4 50	2 50	13 52	1 30	26 2	2 49	21 22	0 37	1 47	2 2	14 54	0 40	14 32	1 43	6 43	13 52	1 56	2 12	15 42	12 36	0 13
M29	2 9	18 1	5 8	4 8	2 32	13 39	1 24	25 59	2 48	21 22	0 37	1 44	2 2	14 53	0 41	14 33	1 43	6 43	13 52	1 56	2 13	15 43	12 35	0 13
T 30	2s33	17n 7	4s46	3s26	2s14	13n25	1s18	25s55	2s47	21s21	0s37	1n41	2n 2	14n53	0n41	14s33	1n43	6n42	13s52	1n56	2n14	15n44	12n34	0s13

Julian Day Number = 2498173.5, Delta T = 107.60 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'27, Lahiri = 25°38'27

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2127
geocentric

OCTOBER 2127 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 37 9	7♎23'18	3♌12	2°R28	21♌28	9♑14	26♑58	0♎36	21♌50	14♏34	0°R45	25♍ 9	24♍18	1♊10	3°R45	W 1
T 2	0 41 6	8°22'13	16° 5	1♎32	22°30	9°51	27° 0	0°43	21°52	14°36	0♊44	25°10	24°15	1°17	3♉43	T 2
F 3	0 45 2	9°21'11	29°21	0°43	23°32	10°29	27° 2	0°51	21°55	14°38	0°44	25°11	24°12	1°24	3°40	F 3
S 4	0 48 59	10°20'11	13♍ 2	0° 2	24°34	11° 7	27° 4	0°58	21°58	14°40	0°43	25°12	24° 9	1°31	3°37	S 4
S 5	0 52 55	11°19'13	27° 7	29♍30	25°37	11°45	27° 6	1° 6	22° 1	14°42	0°42	25°R12	24° 6	1°37	3°35	S 5
M 6	0 56 52	12°18'17	11♎32	29° 8	26°39	12°24	27° 8	1°13	22° 3	14°44	0°42	25°12	24° 2	1°44	3°32	M 6
T 7	1 0 48	13°17'23	26°14	28°56	27°43	13° 2	27°11	1°20	22° 6	14°46	0°41	25°11	23°59	1°51	3°30	T 7
W 8	1 4 45	14°16'32	11♏ 3	28°D54	28°46	13°41	27°13	1°28	22° 9	14°48	0°40	25° 8	23°56	1°57	3°27	W 8
T 9	1 8 41	15°15'42	25°54	29° 3	29°50	14°20	27°16	1°35	22°11	14°50	0°39	25° 6	23°53	2° 4	3°24	T 9
F 10	1 12 38	16°14'54	10♐38	29°23	0♍54	14°59	27°19	1°42	22°14	14°52	0°39	25° 3	23°50	2°11	3°22	F 10
S 11	1 16 35	17°14'08	25° 8	29°52	1°59	15°38	27°23	1°50	22°16	14°54	0°38	25° 1	23°46	2°18	3°19	S 11
S 12	1 20 31	18°13'23	9♑22	0♎31	3° 3	16°18	27°26	1°57	22°19	14°56	0°37	25° 0	23°43	2°24	3°16	S 12
M13	1 24 28	19°12'41	23°17	1°19	4° 8	16°57	27°30	2° 4	22°21	14°58	0°36	25°D 0	23°40	2°31	3°13	M13
T 14	1 28 24	20°12'00	6♒52	2°14	5°13	17°37	27°34	2°11	22°24	15° 0	0°35	25° 0	23°37	2°38	3°11	T 14
W15	1 32 21	21°11'20	20° 9	3°16	6°19	18°17	27°38	2°19	22°26	15° 2	0°35	25° 2	23°34	2°44	3° 8	W15
T 16	1 36 17	22°10'43	3♓ 9	4°25	7°25	18°57	27°42	2°26	22°28	15° 4	0°34	25° 3	23°31	2°51	3° 5	T 16
F 17	1 40 14	23°10'07	15°55	5°40	8°31	19°37	27°46	2°33	22°31	15° 6	0°33	25° 5	23°27	2°58	3° 2	F 17
S 18	1 44 10	24° 9'33	28°28	6°59	9°37	20°17	27°51	2°40	22°33	15° 9	0°32	25°R 5	23°24	3° 5	2°59	S 18
S 19	1 48 7	25° 9'01	10♈51	8°23	10°43	20°58	27°55	2°47	22°35	15°11	0°31	25° 4	23°21	3°11	2°57	S 19
M20	1 52 4	26° 8'31	23° 4	9°50	11°50	21°38	28° 0	2°54	22°37	15°13	0°30	25° 1	23°18	3°18	2°54	M20
T 21	1 56 0	27° 8'03	5♉10	11°21	12°57	22°19	28° 5	3° 1	22°39	15°15	0°29	24°57	23°15	3°25	2°51	T 21
W22	1 59 57	28° 7'37	17° 9	12°54	14° 4	23° 0	28°11	3° 8	22°41	15°17	0°29	24°51	23°11	3°31	2°48	W22
T 23	2 3 53	29° 7'13	29° 3	14°28	15°11	23°41	28°16	3°15	22°43	15°19	0°28	24°45	23° 8	3°38	2°45	T 23
F 24	2 7 50	0♏ 6'52	10♊55	16° 5	16°19	24°22	28°22	3°22	22°45	15°21	0°27	24°38	23° 5	3°45	2°42	F 24
S 25	2 11 46	1° 6'32	22°46	17°43	17°27	25° 3	28°27	3°29	22°47	15°24	0°26	24°32	23° 2	3°52	2°40	S 25
S 26	2 15 43	2° 6'15	4♋41	19°21	18°35	25°44	28°33	3°36	22°49	15°26	0°25	24°28	22°59	3°58	2°37	S 26
M27	2 19 39	3° 6'00	16°41	21° 1	19°43	26°26	28°39	3°43	22°51	15°28	0°24	24°24	22°56	4° 5	2°34	M27
T 28	2 23 36	4° 5'47	28°53	22°41	20°51	27° 7	28°46	3°50	22°53	15°30	0°23	24°D23	22°52	4°12	2°31	T 28
W29	2 27 33	5° 5'37	11♌20	24°21	22° 0	27°49	28°52	3°57	22°54	15°32	0°22	24°23	22°49	4°18	2°28	W29
T 30	2 31 29	6° 5'28	24° 7	26° 2	23° 9	28°31	28°59	4° 3	22°56	15°35	0°21	24°24	22°46	4°25	2°25	T 30
F 31	2 35 26	7♏ 5'22	7♍18	27♎42	24♍18	29♑13	29♑ 5	4♎10	22♌58	15♏37	0♊20	24♍25	22♍43	4♊32	2♉22	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2s56	15n22	4s10	2s44	1s54	13n11	1s12	25s51	2s46	21s21	0s37	1n38	2n 2	14n52	0n41	14s34	1n43	6n42	13s52	1n56	2n16	15n45	12n33	0s13
T 2	3 19	12 49	3 20	2 3	1 34	12 57	1 7	25 47	2 44	21 21	0 37	1 35	2 2	14 51	0 41	14 34	1 43	6 42	13 52	1 55	2 17	15 46	12 32	0 13
F 3	3 42	9 32	2 18	1 25	1 14	12 42	1 1	25 43	2 43	21 20	0 37	1 32	2 3	14 50	0 41	14 35	1 43	6 41	13 53	1 55	2 18	15 46	12 31	0 13
S 4	4 5	5 38	1 7	0 50	0 54	12 27	0 55	25 39	2 42	21 20	0 37	1 29	2 3	14 49	0 41	14 35	1 43	6 41	13 53	1 54	2 19	15 47	12 30	0 14
S 5	4 28	1 18	0n11	0 19	0 34	12 12	0 50	25 34	2 41	21 20	0 37	1 26	2 3	14 48	0 41	14 36	1 43	6 41	13 53	1 54	2 21	15 48	12 29	0 14
M 6	4 52	3s12	1 29	0n 8	0 14	11 56	0 44	25 29	2 39	21 19	0 37	1 24	2 3	14 47	0 41	14 37	1 43	6 41	13 53	1 54	2 22	15 49	12 28	0 14
T 7	5 15	7 35	2 43	0 29	0n 4	11 39	0 39	25 24	2 38	21 19	0 37	1 21	2 3	14 46	0 41	14 37	1 43	6 40	13 53	1 55	2 23	15 50	12 27	0 14
W 8	5 37	11 32	3 47	0 46	0 21	11 22	0 33	25 19	2 37	21 18	0 37	1 18	2 3	14 46	0 41	14 38	1 42	6 40	13 54	1 56	2 24	15 51	12 26	0 14
T 9	6 0	14 45	4 35	0 57	0 37	11 5	0 28	25 14	2 35	21 18	0 37	1 15	2 3	14 45	0 41	14 38	1 42	6 40	13 54	1 57	2 26	15 52	12 25	0 14
F 10	6 23	16 59	5 5	1 2	0 52	10 47	0 23	25 8	2 34	21 17	0 37	1 12	2 3	14 44	0 41	14 39	1 42	6 39	13 54	1 58	2 27	15 53	12 24	0 14
S 11	6 46	18 5	5 15	1 3	1 5	10 29	0 18	25 2	2 33	21 16	0 37	1 9	2 3	14 43	0 41	14 40	1 42	6 39	13 54	1 59	2 28	15 54	12 23	0 14
S 12	7 8	18 1	5 5	0 58	1 17	10 11	0 13	24 56	2 32	21 16	0 37	1 7	2 3	14 42	0 41	14 40	1 42	6 39	13 54	1 59	2 29	15 55	12 22	0 14
M13	7 31	16 51	4 37	0 49	1 27	9 52	0 8	24 50	2 30	21 15	0 37	1 4	2 3	14 42	0 41	14 41	1 42	6 38	13 54	1 59	2 31	15 56	12 21	0 14
T 14	7 53	14 45	3 55	0 35	1 36	9 33	0 3	24 43	2 29	21 14	0 37	1 1	2 3	14 41	0 41	14 42	1 42	6 38	13 55	1 59	2 32	15 57	12 20	0 14
W15	8 16	11 54	3 0	0 16	1 43	9 13	0n 2	24 37	2 28	21 13	0 37	0 58	2 4	14 40	0 41	14 42	1 42	6 38	13 55	1 58	2 33	15 58	12 19	0 15
T 16	8 38	8 31	1 58	0s 5	1 49	8 53	0 7	24 30	2 26	21 12	0 37	0 55	2 4	14 40	0 41	14 43	1 42	6 37	13 55	1 58	2 35	15 59	12 18	0 15
F 17	9 0	4 47	0 50	0 31	1 54	8 33	0 12	24 23	2 25	21 12	0 37	0 53	2 4	14 39	0 41	14 43	1 42	6 37	13 55	1 57	2 36	16 0	12 17	0 15
S 18	9 22	0 53	0s19	0 59	1 57	8 12	0 16	24 15	2 24	21 11	0 37	0 50	2 4	14 38	0 41	14 44	1 42	6 37	13 55	1 57	2 37	16 1	12 16	0 15
S 19	9 44	2n59	1 25	1 29	2 0	7 52	0 21	24 8	2 22	21 10	0 37	0 47	2 4	14 37	0 41	14 45	1 42	6 36	13 55	1 58	2 38	16 2	12 15	0 15
M20	10 5	6 41	2 27	2 2	2 1	7 30	0 25	24 0	2 21	21 9	0 37	0 45	2 4	14 37	0 41	14 45	1 42	6 36	13 55	1 59	2 40	16 3	12 14	0 15
T 21	10 27	10 4	3 22	2 37	2 1	7 9	0 29	23 52	2 20	21 8	0 37	0 42	2 4	14 36	0 41	14 46	1 42	6 36	13 56	2 0	2 41	16 4	12 13	0 15
W22	10 48	13 0	4 6	3 14	2 1	6 47	0 34	23 44	2 19	21 7	0 37	0 39	2 4	14 36	0 41	14 47	1 42	6 36	13 56	2 3	2 42	16 5	12 12	0 15
T 23	11 9	15 22	4 40	3 52	2 0	6 25	0 38	23 36	2 17	21 6	0 37	0 37	2 4	14 35	0 41	14 47	1 42	6 35	13 56	2 5	2 43	16 6	12 11	0 15
F 24	11 30	17 5	5 2	4 30	1 58	6 2	0 42	23 27	2 16	21 4	0 37	0 34	2 5	14 34	0 41	14 48	1 42	6 35	13 56	2 8	2 45	16 7	12 10	0 15
S 25	11 51	18 3	5 10	5 10	1 55	5 39	0 46	23 19	2 15	21 3	0 37	0 31	2 5	14 34	0 41	14 49	1 42	6 35	13 56	2 10	2 46	16 8	12 9	0 15
S 26	12 12	18 15	5 6	5 50	1 52	5 16	0 49	23 10	2 13	21 2	0 37	0 29	2 5	14 33	0 41	14 49	1 42	6 34	13 56	2 12	2 47	16 9	12 8	0 15
M27	12 32	17 37	4 48	6 31	1 48	4 53	0 53	23 0	2 12	21 1	0 37	0 26	2 5	14 33	0 42	14 50	1 42	6 34	13 56	2 13	2 48	16 9	12 7	0 16
T 28	12 52	16 11	4 16	7 12	1 44	4 29	0 57	22 51	2 11	20 59	0 37	0 24	2 5	14 32	0 42	14 50	1 42	6 34	13 56	2 14	2 50	16 10	12 6	0 16
W29	13 13	13 58	3 32	7 53	1 40	4 6	1 0	22 41	2 9	20 58	0 37	0 21	2 5	14 32	0 42	14 51	1 42	6 33	13 57	2 14	2 51	16 11	12 4	0 16
T 30	13 32	11 0	2 37	8 34	1 35	3 42	1 4	22 32	2 8	20 57	0 37	0 18	2 5	14 31	0 42	14 52	1 42	6 33	13 57	2 13	2 52	16 12	12 3	0 16
F 31	13s52	7n24	1s32	9s15	1n30	3n18	1n 7	22s22	2s 7	20s55	0s37	0n16	2n 5	14n31	0n42	14s52	1n42	6n33	13s57	2n13	2n53	16n13	12n 2	0s16

Julian Day Number = 2498203.5, Delta T = 107.65 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'31, Lahiri = 25°38'31

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ASTRODIENST EPHEMERIS for the year 2127
geocentric

NOVEMBER 2127 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 39 22	8♏ 5'18	20♍56	29♎23	25♍27	29♑55	29♑12	4♎17	22♌59	15♏39	0°R19	24°R26	22♍40	4♊39	2°R19	S 1
S 2	2 43 19	9° 5'16	5♎ 3	1♏ 3	26°36	0♒37	29°19	4°23	23° 1	15°41	0♊18	24♍26	22°37	4°45	2♉17	S 2
M 3	2 47 15	10° 5'16	19°36	2°43	27°46	1°19	29°26	4°30	23° 2	15°44	0°17	24°23	22°33	4°52	2°14	M 3
T 4	2 51 12	11° 5'18	4♏32	4°23	28°55	2° 1	29°34	4°36	23° 3	15°46	0°16	24°19	22°30	4°59	2°11	T 4
W 5	2 55 8	12° 5'23	19°41	6° 3	0♎ 5	2°43	29°41	4°43	23° 5	15°48	0°15	24°12	22°27	5° 5	2° 8	W 5
T 6	2 59 5	13° 5'29	4♐55	7°42	1°15	3°26	29°49	4°49	23° 6	15°50	0°13	24° 5	22°24	5°12	2° 5	T 6
F 7	3 3 2	14° 5'37	20° 1	9°21	2°25	4° 8	29°57	4°56	23° 7	15°53	0°12	23°57	22°21	5°19	2° 3	F 7
S 8	3 6 58	15° 5'46	4♑52	11° 0	3°35	4°51	0♒ 5	5° 2	23° 9	15°55	0°11	23°50	22°17	5°26	2° 0	S 8
S 9	3 10 55	16° 5'57	19°20	12°38	4°46	5°34	0°13	5° 8	23°10	15°57	0°10	23°45	22°14	5°32	1°57	S 9
M10	3 14 51	17° 6'09	3♒22	14°16	5°56	6°16	0°21	5°14	23°11	15°59	0° 9	23°42	22°11	5°39	1°54	M10
T 11	3 18 48	18° 6'23	16°58	15°53	7° 7	6°59	0°29	5°21	23°12	16° 2	0° 8	23°D41	22° 8	5°46	1°51	T 11
W12	3 22 44	19° 6'39	0♓ 9	17°30	8°17	7°42	0°38	5°27	23°13	16° 4	0° 7	23°42	22° 5	5°52	1°49	W12
T 13	3 26 41	20° 6'55	12°59	19° 7	9°28	8°25	0°46	5°33	23°14	16° 6	0° 6	23°43	22° 2	5°59	1°46	T 13
F 14	3 30 37	21° 7'14	25°32	20°43	10°39	9° 8	0°55	5°39	23°15	16° 8	0° 5	23°R43	21°58	6° 6	1°43	F 14
S 15	3 34 34	22° 7'33	7♈51	22°19	11°50	9°51	1° 4	5°45	23°15	16°11	0° 4	23°42	21°55	6°13	1°41	S 15
S 16	3 38 31	23° 7'54	20° 0	23°55	13° 1	10°35	1°13	5°50	23°16	16°13	0° 2	23°39	21°52	6°19	1°38	S 16
M17	3 42 27	24° 8'17	2♉ 2	25°31	14°13	11°18	1°22	5°56	23°17	16°15	0° 1	23°32	21°49	6°26	1°35	M17
T 18	3 46 24	25° 8'41	13°59	27° 6	15°24	12° 1	1°32	6° 2	23°18	16°17	0° 0	23°24	21°46	6°33	1°33	T 18
W19	3 50 20	26° 9'07	25°53	28°41	16°36	12°45	1°41	6° 8	23°18	16°19	29♉59	23°13	21°43	6°39	1°30	W19
T 20	3 54 17	27° 9'35	7♊46	0♐15	17°47	13°28	1°51	6°13	23°19	16°22	29°58	23° 0	21°39	6°46	1°28	T 20
F 21	3 58 13	28°10'04	19°38	1°50	18°59	14°12	2° 0	6°19	23°19	16°24	29°57	22°47	21°36	6°53	1°25	F 21
S 22	4 2 10	29°10'34	1♋32	3°24	20°11	14°55	2°10	6°24	23°20	16°26	29°56	22°35	21°33	7° 0	1°23	S 22
S 23	4 6 6	0♐11'07	13°28	4°58	21°23	15°39	2°20	6°30	23°20	16°28	29°55	22°24	21°30	7° 6	1°20	S 23
M24	4 10 3	1°11'41	25°31	6°31	22°35	16°22	2°30	6°35	23°20	16°31	29°53	22°16	21°27	7°13	1°18	M24
T 25	4 14 0	2°12'17	7♌42	8° 5	23°47	17° 6	2°40	6°40	23°21	16°33	29°52	22°11	21°23	7°20	1°16	T 25
W26	4 17 56	3°12'54	20° 6	9°38	25° 0	17°50	2°50	6°46	23°21	16°35	29°51	22° 8	21°20	7°26	1°13	W26
T 27	4 21 53	4°13'33	2♍47	11°11	26°12	18°34	3° 1	6°51	23°21	16°37	29°50	22°D 7	21°17	7°33	1°11	T 27
F 28	4 25 49	5°14'14	15°50	12°45	27°24	19°17	3°11	6°56	23°21	16°39	29°49	22°R 7	21°14	7°40	1° 9	F 28
S 29	4 29 46	6°14'56	29°18	14°17	28°37	20° 1	3°22	7° 1	23°R21	16°41	29°48	22° 7	21°11	7°47	1° 6	S 29
S 30	4 33 42	7♐15'40	13♎15	15♐50	29♎50	20♒45	3♒32	7♎ 6	23♌21	16♏43	29♉47	22♍ 6	21♍ 8	7♊53	1♉ 4	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s12	3n18	0s19	9s56	1n24	2n53	1n10	22s12	2s 5	20s54	0s37	0n13	2n 6	14n30	0n42	14s53	1n42	6n33	13s57	2n12	2n55	16n14	12n 1	0s16
S 2	14 31	1s 8	0n57	10 36	1 18	2 29	1 14	22 1	2 4	20 53	0 37	0 11	2 6	14 30	0 42	14 54	1 42	6 32	13 57	2 13	2 56	16 15	12 0	0 16
M 3	14 50	5 38	2 12	11 16	1 12	2 4	1 17	21 51	2 3	20 51	0 37	0 8	2 6	14 29	0 42	14 54	1 42	6 32	13 57	2 14	2 57	16 16	11 59	0 16
T 4	15 9	9 54	3 19	11 56	1 6	1 39	1 20	21 40	2 1	20 49	0 37	0 6	2 6	14 29	0 42	14 55	1 42	6 32	13 57	2 15	2 58	16 17	11 58	0 16
W 5	15 27	13 34	4 13	12 35	1 0	1 14	1 22	21 29	2 0	20 48	0 37	0 4	2 6	14 28	0 42	14 56	1 42	6 32	13 57	2 18	3 0	16 18	11 57	0 16
T 6	15 45	16 20	4 50	13 13	0 54	0 48	1 25	21 18	1 58	20 46	0 37	0 1	2 6	14 28	0 42	14 56	1 42	6 31	13 57	2 21	3 1	16 19	11 56	0 16
F 7	16 3	17 57	5 6	13 51	0 47	0 23	1 28	21 6	1 57	20 45	0 37	0s 1	2 7	14 28	0 42	14 57	1 42	6 31	13 57	2 24	3 2	16 20	11 55	0 16
S 8	16 21	18 19	5 1	14 28	0 40	0s 3	1 30	20 55	1 56	20 43	0 37	0 3	2 7	14 27	0 42	14 58	1 42	6 31	13 57	2 27	3 3	16 20	11 54	0 16
S 9	16 39	17 27	4 37	15 5	0 34	0 28	1 33	20 43	1 54	20 41	0 37	0 6	2 7	14 27	0 42	14 58	1 42	6 30	13 57	2 29	3 5	16 21	11 53	0 17
M10	16 56	15 33	3 57	15 40	0 27	0 54	1 35	20 31	1 53	20 39	0 37	0 8	2 7	14 27	0 42	14 59	1 42	6 30	13 57	2 30	3 6	16 22	11 52	0 17
T 11	17 13	12 49	3 4	16 15	0 20	1 20	1 37	20 19	1 52	20 38	0 37	0 10	2 7	14 26	0 42	15 0	1 42	6 30	13 57	2 30	3 7	16 23	11 51	0 17
W12	17 29	9 29	2 3	16 50	0 14	1 46	1 39	20 6	1 50	20 36	0 37	0 13	2 7	14 26	0 42	15 0	1 42	6 30	13 57	2 30	3 8	16 24	11 50	0 17
T 13	17 45	5 48	0 57	17 23	0 7	2 12	1 41	19 54	1 49	20 34	0 37	0 15	2 8	14 26	0 42	15 1	1 42	6 30	13 57	2 30	3 10	16 25	11 49	0 17
F 14	18 1	1 55	0s10	17 55	0s 0	2 38	1 43	19 41	1 48	20 32	0 37	0 17	2 8	14 26	0 42	15 1	1 42	6 29	13 57	2 30	3 11	16 26	11 48	0 17
S 15	18 17	1n58	1 15	18 27	0 7	3 4	1 45	19 28	1 46	20 30	0 37	0 19	2 8	14 25	0 42	15 2	1 42	6 29	13 57	2 30	3 12	16 27	11 47	0 17
S 16	18 32	5 43	2 16	18 57	0 13	3 30	1 47	19 15	1 45	20 28	0 37	0 21	2 8	14 25	0 42	15 3	1 42	6 29	13 57	2 31	3 13	16 28	11 46	0 17
M17	18 47	9 12	3 10	19 27	0 20	3 56	1 49	19 2	1 44	20 26	0 37	0 23	2 8	14 25	0 42	15 3	1 42	6 29	13 57	2 34	3 15	16 28	11 45	0 17
T 18	19 2	12 17	3 55	19 56	0 27	4 22	1 50	18 49	1 43	20 24	0 37	0 26	2 9	14 25	0 42	15 4	1 42	6 28	13 57	2 37	3 16	16 29	11 44	0 17
W19	19 17	14 51	4 29	20 23	0 33	4 48	1 51	18 35	1 41	20 22	0 37	0 28	2 9	14 25	0 42	15 5	1 42	6 28	13 57	2 42	3 17	16 30	11 43	0 17
T 20	19 31	16 47	4 52	20 50	0 40	5 14	1 53	18 22	1 40	20 20	0 37	0 30	2 9	14 24	0 43	15 5	1 42	6 28	13 57	2 47	3 18	16 31	11 42	0 17
F 21	19 44	18 0	5 2	21 16	0 46	5 40	1 54	18 8	1 39	20 18	0 37	0 32	2 9	14 24	0 43	15 6	1 42	6 28	13 57	2 52	3 20	16 32	11 41	0 17
S 22	19 57	18 26	4 58	21 40	0 52	6 6	1 55	17 54	1 37	20 15	0 37	0 34	2 9	14 24	0 43	15 6	1 42	6 28	13 57	2 57	3 21	16 33	11 40	0 18
S 23	20 10	18 3	4 42	22 4	0 58	6 32	1 56	17 40	1 36	20 13	0 37	0 36	2 10	14 24	0 43	15 7	1 42	6 27	13 57	3 1	3 22	16 34	11 39	0 18
M24	20 23	16 52	4 13	22 26	1 4	6 58	1 57	17 25	1 35	20 11	0 37	0 38	2 10	14 24	0 43	15 8	1 42	6 27	13 57	3 4	3 23	16 35	11 38	0 18
T 25	20 35	14 54	3 33	22 47	1 10	7 24	1 58	17 11	1 33	20 9	0 37	0 39	2 10	14 24	0 43	15 8	1 42	6 27	13 57	3 6	3 25	16 35	11 38	0 18
W26	20 47	12 13	2 41	23 8	1 16	7 50	1 58	16 56	1 32	20 6	0 37	0 41	2 10	14 24	0 43	15 9	1 42	6 27	13 57	3 7	3 26	16 36	11 37	0 18
T 27	20 58	8 54	1 41	23 27	1 21	8 15	1 59	16 41	1 31	20 4	0 37	0 43	2 10	14 24	0 43	15 9	1 42	6 27	13 57	3 8	3 27	16 37	11 36	0 18
F 28	21 9	5 4	0 33	23 44	1 27	8 41	1 59	16 26	1 29	20 1	0 37	0 45	2 11	14 24	0 43	15 10	1 42	6 26	13 57	3 7	3 28	16 38	11 35	0 18
S 29	21 20	0 51	0n38	24 1	1 32	9 6	2 0	16 11	1 28	19 59	0 37	0 47	2 11	14 24	0 43	15 11	1 42	6 26	13 57	3 7	3 30	16 39	11 34	0 18
S 30	21s30	3s33	1n49	24s16	1s37	9s32	2n 0	15s56	1s27	19s56	0s37	0s48	2n11	14n24	0n43	15s11	1n42	6n26	13s57	3n 8	3n31	16n40	11n33	0s18

Julian Day Number = 2498234.5, Delta T = 107.70 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'35, Lahiri = 25°38'36

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ASTRODIENST EPHEMERIS for the year 2127
geocentric

DECEMBER 2127 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 37 39	8♐16'26	27♎40	17♐23	1♏ 2	21♒29	3♒43	7♎11	23°R21	16♏46	29°R46	22°R 2	21♍ 4	8♊ 0	1°R 2	M 1
T 2	4 41 35	9°17'13	12♏32	18°56	2°15	22°13	3°54	7°15	23♌21	16°48	29♉44	21♍55	21° 1	8° 7	1♉ 0	T 2
W 3	4 45 32	10°18'01	27°43	20°28	3°28	22°57	4° 5	7°20	23°21	16°50	29°43	21°45	20°58	8°14	0°58	W 3
T 4	4 49 29	11°18'51	13♐ 4	22° 0	4°41	23°41	4°16	7°25	23°20	16°52	29°42	21°34	20°55	8°20	0°56	T 4
F 5	4 53 25	12°19'42	28°24	23°33	5°54	24°25	4°27	7°29	23°20	16°54	29°41	21°23	20°52	8°27	0°54	F 5
S 6	4 57 22	13°20'35	13♑30	25° 5	7° 7	25°10	4°39	7°33	23°20	16°56	29°40	21°12	20°49	8°34	0°52	S 6
S 7	5 1 18	14°21'28	28°13	26°37	8°20	25°54	4°50	7°38	23°19	16°58	29°39	21° 4	20°45	8°40	0°50	S 7
M 8	5 5 15	15°22'22	12♒28	28° 8	9°33	26°38	5° 2	7°42	23°19	17° 0	29°38	20°58	20°42	8°47	0°48	M 8
T 9	5 9 11	16°23'16	26°13	29°40	10°47	27°22	5°13	7°46	23°18	17° 2	29°37	20°55	20°39	8°54	0°46	T 9
W10	5 13 8	17°24'12	9♓28	1♑11	12° 0	28° 6	5°25	7°50	23°18	17° 4	29°36	20°54	20°36	9° 1	0°45	W10
T 11	5 17 4	18°25'08	22°19	2°42	13°13	28°51	5°37	7°54	23°17	17° 6	29°35	20°53	20°33	9° 7	0°43	T 11
F 12	5 21 1	19°26'04	4♈48	4°13	14°27	29°35	5°49	7°58	23°17	17° 8	29°34	20°53	20°29	9°14	0°41	F 12
S 13	5 24 58	20°27'02	17° 2	5°43	15°40	0♓19	6° 0	8° 2	23°16	17°10	29°33	20°51	20°26	9°21	0°40	S 13
S 14	5 28 54	21°28'00	29° 5	7°13	16°54	1° 4	6°12	8° 6	23°15	17°12	29°32	20°47	20°23	9°27	0°38	S 14
M15	5 32 51	22°28'58	11♉ 0	8°42	18° 7	1°48	6°25	8° 9	23°14	17°14	29°31	20°40	20°20	9°34	0°37	M15
T 16	5 36 47	23°29'58	22°52	10°10	19°21	2°32	6°37	8°13	23°13	17°16	29°30	20°29	20°17	9°41	0°35	T 16
W17	5 40 44	24°30'58	4♊44	11°38	20°35	3°17	6°49	8°16	23°12	17°18	29°28	20°16	20°14	9°48	0°34	W17
T 18	5 44 40	25°31'58	16°37	13° 5	21°48	4° 1	7° 1	8°20	23°11	17°20	29°27	20° 2	20°10	9°54	0°32	T 18
F 19	5 48 37	26°33'00	28°32	14°30	23° 2	4°46	7°14	8°23	23°10	17°22	29°26	19°47	20° 7	10° 1	0°31	F 19
S 20	5 52 33	27°34'02	10♋31	15°54	24°16	5°30	7°26	8°26	23° 9	17°23	29°26	19°32	20° 4	10° 8	0°30	S 20
S 21	5 56 30	28°35'05	22°35	17°17	25°30	6°15	7°39	8°29	23° 8	17°25	29°25	19°20	20° 1	10°15	0°28	S 21
M22	6 0 27	29°36'08	4♌46	18°37	26°44	6°59	7°51	8°32	23° 7	17°27	29°24	19°10	19°58	10°21	0°27	M22
T 23	6 4 23	0♑37'13	17° 4	19°55	27°58	7°43	8° 4	8°35	23° 6	17°29	29°23	19° 3	19°55	10°28	0°26	T 23
W24	6 8 20	1°38'17	29°33	21°10	29°12	8°28	8°17	8°38	23° 4	17°31	29°22	18°59	19°51	10°35	0°25	W24
T 25	6 12 16	2°39'23	12♍16	22°23	0♐26	9°12	8°30	8°41	23° 3	17°32	29°21	18°58	19°48	10°41	0°24	T 25
F 26	6 16 13	3°40'29	25°17	23°31	1°40	9°57	8°43	8°43	23° 2	17°34	29°20	18°D58	19°45	10°48	0°23	F 26
S 27	6 20 9	4°41'37	8♎37	24°35	2°54	10°41	8°56	8°46	23° 0	17°36	29°19	18°R58	19°42	10°55	0°22	S 27
S 28	6 24 6	5°42'44	22°22	25°34	4° 8	11°26	9° 9	8°48	22°59	17°37	29°18	18°57	19°39	11° 2	0°22	S 28
M29	6 28 2	6°43'53	6♏32	26°28	5°22	12°10	9°22	8°50	22°57	17°39	29°17	18°53	19°35	11° 8	0°21	M29
T 30	6 31 59	7°45'02	21° 7	27°15	6°36	12°55	9°35	8°53	22°56	17°41	29°16	18°48	19°32	11°15	0°20	T 30
W31	6 35 56	8♑46'12	6♐ 2	27♑54	7♐51	13♓39	9♒48	8♎55	22♌54	17♏42	29♉15	18♍39	19♍29	11♊22	0♉19	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s40	7s54	2n56	24s30	1s42	9s57	2n 0	15s41	1s25	19s54	0s37	0s50	2n11	14n24	0n43	15s12	1n42	6n26	13s57	3n10	3n32	16n40	11n32	0s18
T 2	21 50	11 53	3 53	24 43	1 46	10 22	2 1	15 25	1 24	19 51	0 37	0 52	2 12	14 24	0 43	15 12	1 42	6 26	13 57	3 12	3 33	16 41	11 32	0 18
W 3	21 59	15 10	4 35	24 55	1 50	10 46	2 1	15 10	1 23	19 49	0 37	0 53	2 12	14 24	0 43	15 13	1 42	6 26	13 57	3 16	3 35	16 42	11 31	0 18
T 4	22 7	17 26	4 57	25 5	1 55	11 11	2 0	14 54	1 22	19 46	0 37	0 55	2 12	14 24	0 43	15 14	1 42	6 26	13 57	3 20	3 36	16 43	11 30	0 18
F 5	22 15	18 26	4 58	25 14	1 58	11 35	2 0	14 38	1 20	19 43	0 37	0 56	2 12	14 25	0 43	15 14	1 42	6 25	13 57	3 25	3 37	16 44	11 29	0 18
S 6	22 23	18 7	4 38	25 22	2 2	11 59	2 0	14 22	1 19	19 41	0 37	0 58	2 13	14 25	0 43	15 15	1 42	6 25	13 57	3 29	3 38	16 45	11 29	0 19
S 7	22 30	16 35	4 0	25 28	2 5	12 23	2 0	14 6	1 18	19 38	0 37	1 0	2 13	14 25	0 43	15 15	1 42	6 25	13 56	3 32	3 40	16 46	11 28	0 19
M 8	22 37	14 2	3 8	25 32	2 8	12 47	1 59	13 50	1 16	19 35	0 37	1 1	2 13	14 25	0 43	15 16	1 42	6 25	13 56	3 35	3 41	16 46	11 27	0 19
T 9	22 43	10 47	2 7	25 36	2 11	13 10	1 59	13 33	1 15	19 32	0 37	1 2	2 13	14 25	0 43	15 16	1 42	6 25	13 56	3 36	3 42	16 47	11 26	0 19
W10	22 49	7 5	1 0	25 38	2 13	13 33	1 58	13 17	1 14	19 30	0 37	1 4	2 14	14 26	0 43	15 17	1 42	6 25	13 56	3 36	3 43	16 48	11 26	0 19
T 11	22 55	3 10	0s 8	25 38	2 15	13 56	1 57	13 0	1 13	19 27	0 37	1 5	2 14	14 26	0 43	15 17	1 43	6 25	13 56	3 36	3 45	16 49	11 25	0 19
F 12	23 0	0n48	1 13	25 37	2 16	14 18	1 57	12 43	1 11	19 24	0 37	1 6	2 14	14 26	0 43	15 18	1 43	6 25	13 56	3 37	3 46	16 50	11 24	0 19
S 13	23 5	4 38	2 13	25 35	2 17	14 40	1 56	12 27	1 10	19 21	0 37	1 8	2 14	14 26	0 44	15 18	1 43	6 25	13 56	3 37	3 47	16 50	11 24	0 19
S 14	23 9	8 13	3 7	25 31	2 18	15 2	1 55	12 10	1 9	19 18	0 37	1 9	2 15	14 27	0 44	15 19	1 43	6 25	13 56	3 39	3 48	16 51	11 23	0 19
M15	23 12	11 27	3 52	25 26	2 18	15 23	1 54	11 53	1 8	19 15	0 37	1 10	2 15	14 27	0 44	15 19	1 43	6 25	13 55	3 42	3 50	16 52	11 23	0 19
T 16	23 16	14 11	4 26	25 19	2 18	15 44	1 53	11 36	1 6	19 12	0 37	1 11	2 15	14 27	0 44	15 20	1 43	6 25	13 55	3 46	3 51	16 53	11 22	0 19
W17	23 18	16 20	4 49	25 11	2 17	16 5	1 52	11 18	1 5	19 9	0 37	1 12	2 15	14 28	0 44	15 20	1 43	6 24	13 55	3 51	3 52	16 54	11 22	0 19
T 18	23 21	17 48	4 59	25 1	2 15	16 25	1 50	11 1	1 4	19 6	0 37	1 13	2 16	14 28	0 44	15 21	1 43	6 24	13 55	3 57	3 53	16 54	11 21	0 19
F 19	23 23	18 29	4 56	24 50	2 13	16 45	1 49	10 44	1 3	19 3	0 37	1 15	2 16	14 28	0 44	15 21	1 43	6 24	13 55	4 3	3 55	16 55	11 20	0 19
S 20	23 24	18 21	4 40	24 38	2 10	17 5	1 48	10 26	1 2	18 59	0 37	1 16	2 16	14 29	0 44	15 22	1 43	6 24	13 55	4 8	3 56	16 56	11 20	0 19
S 21	23 25	17 24	4 11	24 24	2 7	17 24	1 46	10 9	1 0	18 56	0 37	1 16	2 16	14 29	0 44	15 22	1 43	6 24	13 54	4 13	3 57	16 57	11 19	0 19
M22	23 25	15 39	3 31	24 9	2 3	17 43	1 45	9 51	0 59	18 53	0 37	1 17	2 17	14 30	0 44	15 23	1 43	6 24	13 54	4 17	3 58	16 58	11 19	0 20
T 23	23 25	13 10	2 40	23 53	1 58	18 1	1 43	9 34	0 58	18 50	0 37	1 18	2 17	14 30	0 44	15 23	1 43	6 24	13 54	4 20	4 0	16 58	11 19	0 20
W24	23 25	10 3	1 41	23 36	1 52	18 19	1 41	9 16	0 57	18 47	0 37	1 19	2 17	14 30	0 44	15 24	1 43	6 24	13 54	4 21	4 1	16 59	11 18	0 20
T 25	23 24	6 24	0 35	23 17	1 45	18 36	1 40	8 58	0 56	18 43	0 37	1 20	2 17	14 31	0 44	15 24	1 43	6 24	13 54	4 22	4 2	17 0	11 18	0 20
F 26	23 22	2 23	0n33	22 58	1 37	18 53	1 38	8 40	0 54	18 40	0 37	1 21	2 18	14 31	0 44	15 25	1 43	6 24	13 54	4 22	4 3	17 1	11 17	0 20
S 27	23 20	1s51	1 42	22 38	1 28	19 9	1 36	8 22	0 53	18 36	0 37	1 21	2 18	14 32	0 44	15 25	1 43	6 24	13 53	4 22	4 5	17 2	11 17	0 20
S 28	23 18	6 7	2 47	22 18	1 19	19 25	1 34	8 4	0 52	18 33	0 37	1 22	2 18	14 32	0 44	15 25	1 43	6 24	13 53	4 22	4 6	17 2	11 17	0 20
M29	23 15	10 10	3 44	21 57	1 8	19 40	1 32	7 46	0 51	18 30	0 37	1 23	2 19	14 33	0 44	15 26	1 43	6 24	13 53	4 24	4 7	17 3	11 16	0 20
T 30	23 12	13 43	4 28	21 36	0 56	19 55	1 30	7 28	0 50	18 26	0 37	1 23	2 19	14 34	0 44	15 26	1 43	6 24	13 53	4 26	4 8	17 4	11 16	0 20
W31	23s 8	16s27	4n55	21s15	0s42	20s 9	1n28	7s10	0s48	18s23	0s37	1s24	2n19	14n34	0n44	15s27	1n43	6n24	13s52	4n29	4n10	17n 5	11n16	0s20

Julian Day Number = 2498264.5, Delta T = 107.74 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'39, Lahiri = 25°38'40

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ASTRODIENST EPHEMERIS for the year 2128
geocentric

JANUARY 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 39 52	9♑47'22	21♐11	28♑26	9♐ 5	14♓24	10♒ 1	8♎57	22°R52	17♏44	29°R15	18°R29	19♍26	11♊28	0°R19	T 1
F 2	6 43 49	10°48'32	6♑23	28°48	10°19	15° 8	10°15	8°59	22♌51	17°45	29♉14	18♍18	19°23	11°35	0♉18	F 2
S 3	6 47 45	11°49'43	21°27	29° 0	11°34	15°53	10°28	9° 0	22°49	17°47	29°13	18° 8	19°20	11°42	0°18	S 3
S 4	6 51 42	12°50'54	6♒14	29°R 1	12°48	16°37	10°42	9° 2	22°47	17°48	29°12	18° 0	19°16	11°49	0°17	S 4
M 5	6 55 38	13°52'04	20°36	28°50	14° 2	17°22	10°55	9° 4	22°45	17°50	29°12	17°54	19°13	11°55	0°17	M 5
T 6	6 59 35	14°53'15	4♓29	28°28	15°17	18° 6	11° 9	9° 5	22°43	17°51	29°11	17°51	19°10	12° 2	0°17	T 6
W 7	7 3 31	15°54'25	17°53	27°54	16°31	18°50	11°22	9° 6	22°41	17°53	29°10	17°D50	19° 7	12° 9	0°16	W 7
T 8	7 7 28	16°55'35	0♈51	27° 8	17°46	19°35	11°36	9° 7	22°39	17°54	29° 9	17°51	19° 4	12°16	0°16	T 8
F 9	7 11 25	17°56'44	13°25	26°12	19° 0	20°19	11°49	9° 9	22°37	17°55	29° 9	17°R52	19° 1	12°22	0°16	F 9
S 10	7 15 21	18°57'53	25°41	25° 7	20°15	21° 4	12° 3	9°10	22°35	17°57	29° 8	17°51	18°57	12°29	0°16	S 10
S 11	7 19 18	19°59'02	7♉43	23°55	21°29	21°48	12°17	9°11	22°33	17°58	29° 7	17°49	18°54	12°36	0°D16	S 11
M12	7 23 14	21° 0'10	19°38	22°37	22°44	22°33	12°31	9°11	22°31	17°59	29° 7	17°45	18°51	12°42	0°16	M12
T 13	7 27 11	22° 1'18	1♊29	21°17	23°58	23°17	12°44	9°12	22°29	18° 0	29° 6	17°39	18°48	12°49	0°16	T 13
W14	7 31 7	23° 2'26	13°20	19°57	25°13	24° 1	12°58	9°13	22°27	18° 2	29° 5	17°30	18°45	12°56	0°16	W14
T 15	7 35 4	24° 3'33	25°15	18°40	26°27	24°46	13°12	9°13	22°25	18° 3	29° 5	17°20	18°41	13° 3	0°17	T 15
F 16	7 39 0	25° 4'39	7♋15	17°28	27°42	25°30	13°26	9°13	22°23	18° 4	29° 4	17° 9	18°38	13° 9	0°17	F 16
S 17	7 42 57	26° 5'45	19°22	16°22	28°56	26°14	13°40	9°14	22°20	18° 5	29° 4	16°59	18°35	13°16	0°17	S 17
S 18	7 46 54	27° 6'51	1♌38	15°24	0♑11	26°59	13°54	9°14	22°18	18° 6	29° 3	16°50	18°32	13°23	0°18	S 18
M19	7 50 50	28° 7'56	14° 2	14°35	1°26	27°43	14° 8	9°R14	22°16	18° 7	29° 3	16°43	18°29	13°29	0°18	M19
T 20	7 54 47	29° 9'01	26°36	13°55	2°40	28°27	14°22	9°14	22°13	18° 8	29° 2	16°38	18°26	13°36	0°19	T 20
W21	7 58 43	0♒10'05	9♍20	13°25	3°55	29°11	14°36	9°14	22°11	18° 9	29° 2	16°36	18°22	13°43	0°19	W21
T 22	8 2 40	1°11'09	22°17	13° 5	5°10	29°56	14°50	9°13	22° 9	18°10	29° 1	16°D36	18°19	13°50	0°20	T 22
F 23	8 6 36	2°12'13	5♎26	12°53	6°24	0♈40	15° 4	9°13	22° 6	18°11	29° 1	16°37	18°16	13°56	0°20	F 23
S 24	8 10 33	3°13'16	18°52	12°D50	7°39	1°24	15°19	9°12	22° 4	18°12	29° 0	16°39	18°13	14° 3	0°21	S 24
S 25	8 14 29	4°14'19	2♏33	12°56	8°54	2° 8	15°33	9°12	22° 1	18°13	29° 0	16°R39	18°10	14°10	0°22	S 25
M26	8 18 26	5°15'21	16°33	13° 8	10° 8	2°52	15°47	9°11	21°59	18°14	28°59	16°39	18° 6	14°17	0°23	M26
T 27	8 22 23	6°16'23	0♐50	13°28	11°23	3°36	16° 1	9°10	21°56	18°14	28°59	16°36	18° 3	14°23	0°24	T 27
W28	8 26 19	7°17'25	15°23	13°54	12°38	4°21	16°15	9° 9	21°54	18°15	28°59	16°32	18° 0	14°30	0°25	W28
T 29	8 30 16	8°18'26	0♑ 6	14°26	13°52	5° 5	16°30	9° 8	21°51	18°16	28°58	16°27	17°57	14°37	0°26	T 29
F 30	8 34 12	9°19'27	14°53	15° 3	15° 7	5°49	16°44	9° 7	21°49	18°17	28°58	16°21	17°54	14°43	0°27	F 30
S 31	8 38 9	10♒20'27	29♑37	15♑45	16♑22	6♈33	16♒58	9♎ 6	21♌46	18♏17	28♉58	16♍15	17♍51	14♊50	0♉28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23s 4	18s 7	5n 2	20s55	0s28	20s23	1n26	6s52	0s47	18s19	0s37	1s24	2n19	14n35	0n44	15s27	1n43	6n25	13s52	4n33	4n11	17n 5	11n15	0s20	T 1
F 2	22 59	18 29	4 47	20 35	0 12	20 36	1 24	6 34	0 46	18 16	0 37	1 25	2 20	14 35	0 44	15 27	1 43	6 25	13 52	4 37	4 12	17 6	11 15	0 20	F 2
S 3	22 54	17 33	4 13	20 16	0n 4	20 48	1 22	6 15	0 45	18 12	0 37	1 25	2 20	14 36	0 44	15 28	1 43	6 25	13 52	4 41	4 13	17 7	11 15	0 20	S 3
S 4	22 48	15 26	3 22	19 59	0 22	21 0	1 19	5 57	0 44	18 8	0 37	1 26	2 20	14 37	0 44	15 28	1 43	6 25	13 52	4 44	4 15	17 8	11 15	0 20	S 4
M 5	22 42	12 24	2 20	19 43	0 40	21 11	1 17	5 39	0 43	18 5	0 37	1 26	2 21	14 37	0 44	15 29	1 43	6 25	13 51	4 47	4 16	17 8	11 15	0 20	M 5
T 6	22 35	8 46	1 11	19 29	0 59	21 22	1 15	5 20	0 42	18 1	0 37	1 26	2 21	14 38	0 44	15 29	1 44	6 25	13 51	4 48	4 17	17 9	11 14	0 20	T 6
W 7	22 28	4 47	0s 0	19 17	1 19	21 32	1 12	5 2	0 40	17 57	0 37	1 27	2 21	14 38	0 44	15 29	1 44	6 25	13 51	4 48	4 18	17 10	11 14	0 21	W 7
T 8	22 21	0 43	1 9	19 7	1 38	21 42	1 10	4 43	0 39	17 54	0 37	1 27	2 21	14 39	0 44	15 30	1 44	6 25	13 51	4 48	4 20	17 11	11 14	0 21	T 8
F 9	22 13	3n16	2 12	18 59	1 57	21 51	1 8	4 25	0 38	17 50	0 38	1 27	2 22	14 40	0 44	15 30	1 44	6 25	13 50	4 48	4 21	17 11	11 14	0 21	F 9
S 10	22 5	7 0	3 8	18 53	2 15	21 59	1 5	4 7	0 37	17 46	0 38	1 27	2 22	14 40	0 45	15 30	1 44	6 25	13 50	4 48	4 22	17 12	11 14	0 21	S 10
S 11	21 56	10 23	3 54	18 50	2 31	22 6	1 2	3 48	0 36	17 42	0 38	1 27	2 22	14 41	0 45	15 30	1 44	6 25	13 50	4 49	4 23	17 13	11 14	0 21	S 11
M12	21 47	13 18	4 30	18 48	2 46	22 13	1 0	3 30	0 35	17 38	0 38	1 27	2 23	14 42	0 45	15 31	1 44	6 26	13 50	4 50	4 25	17 14	11 14	0 21	M12
T 13	21 37	15 39	4 53	18 48	2 58	22 20	0 57	3 11	0 34	17 35	0 38	1 27	2 23	14 43	0 45	15 31	1 44	6 26	13 49	4 53	4 26	17 14	11 14	0 21	T 13
W14	21 27	17 21	5 4	18 50	3 9	22 25	0 55	2 52	0 33	17 31	0 38	1 27	2 23	14 43	0 45	15 31	1 44	6 26	13 49	4 56	4 27	17 15	11 14	0 21	W14
T 15	21 17	18 18	5 2	18 53	3 16	22 30	0 52	2 34	0 32	17 27	0 38	1 27	2 23	14 44	0 45	15 32	1 44	6 26	13 49	5 0	4 28	17 16	11 14	0 21	T 15
F 16	21 6	18 27	4 47	18 57	3 21	22 35	0 49	2 15	0 31	17 23	0 38	1 27	2 24	14 45	0 45	15 32	1 44	6 26	13 49	5 4	4 29	17 17	11 14	0 21	F 16
S 17	20 55	17 45	4 18	19 2	3 24	22 38	0 47	1 57	0 30	17 19	0 38	1 27	2 24	14 46	0 45	15 32	1 44	6 26	13 48	5 8	4 31	17 17	11 14	0 21	S 17
S 18	20 43	16 14	3 38	19 9	3 24	22 41	0 44	1 38	0 29	17 15	0 38	1 27	2 24	14 46	0 45	15 32	1 44	6 26	13 48	5 12	4 32	17 18	11 14	0 21	S 18
M19	20 31	13 57	2 46	19 16	3 23	22 43	0 41	1 20	0 27	17 11	0 38	1 26	2 25	14 47	0 45	15 33	1 44	6 27	13 48	5 14	4 33	17 19	11 14	0 21	M19
T 20	20 19	10 59	1 46	19 23	3 19	22 45	0 39	1 1	0 26	17 7	0 38	1 26	2 25	14 48	0 45	15 33	1 44	6 27	13 47	5 16	4 34	17 19	11 14	0 21	T 20
W21	20 6	7 27	0 39	19 32	3 14	22 46	0 36	0 43	0 25	17 3	0 38	1 26	2 25	14 49	0 45	15 33	1 44	6 27	13 47	5 17	4 36	17 20	11 14	0 21	W21
T 22	19 53	3 32	0n31	19 40	3 7	22 46	0 33	0 24	0 24	16 59	0 38	1 25	2 25	14 49	0 45	15 33	1 44	6 27	13 47	5 17	4 37	17 21	11 15	0 21	T 22
F 23	19 39	0s38	1 40	19 49	3 0	22 45	0 30	0 6	0 23	16 55	0 38	1 25	2 26	14 50	0 45	15 33	1 44	6 27	13 47	5 17	4 38	17 22	11 15	0 21	F 23
S 24	19 25	4 50	2 46	19 57	2 51	22 44	0 28	0n13	0 22	16 51	0 38	1 25	2 26	14 51	0 45	15 34	1 44	6 27	13 46	5 16	4 39	17 22	11 15	0 22	S 24
S 25	19 11	8 51	3 43	20 6	2 42	22 42	0 25	0 31	0 21	16 46	0 38	1 24	2 26	14 52	0 45	15 34	1 45	6 28	13 46	5 16	4 41	17 23	11 15	0 22	S 25
M26	18 56	12 29	4 29	20 15	2 32	22 40	0 22	0 50	0 20	16 42	0 38	1 23	2 27	14 53	0 45	15 34	1 45	6 28	13 46	5 16	4 42	17 24	11 16	0 22	M26
T 27	18 41	15 26	4 59	20 23	2 22	22 37	0 19	1 8	0 19	16 38	0 38	1 23	2 27	14 54	0 45	15 34	1 45	6 28	13 45	5 17	4 43	17 24	11 16	0 22	T 27
W28	18 26	17 29	5 10	20 30	2 12	22 33	0 17	1 27	0 18	16 34	0 39	1 22	2 27	14 54	0 45	15 34	1 45	6 28	13 45	5 19	4 44	17 25	11 16	0 22	W28
T 29	18 10	18 24	5 1	20 38	2 1	22 28	0 14	1 45	0 17	16 30	0 39	1 22	2 27	14 55	0 45	15 34	1 45	6 29	13 45	5 21	4 46	17 26	11 16	0 22	T 29
F 30	17 54	18 4	4 33	20 44	1 51	22 23	0 11	2 3	0 16	16 25	0 39	1 21	2 28	14 56	0 45	15 35	1 45	6 29	13 45	5 23	4 47	17 26	11 17	0 22	F 30
S 31	17s38	16s32	3n46	20s50	1n40	22s17	0n 8	2n22	0s15	16s21	0s39	1s20	2n28	14n57	0n45	15s35	1n45	6n29	13s44	5n25	4n48	17n27	11n17	0s22	S 31

Julian Day Number = 2498295.5, Delta T = 107.79 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'44, Lahiri = 25°38'44

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ASTRODIENST EPHEMERIS for the year 2128
geocentric

FEBRUARY 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 42 5	11♒21'26	14♒ 9	16♑31	17♑37	7♈17	17♒12	9°R 4	21°R44	18♏18	28°R58	16°R11	17♍47	14♊57	0♉29	S 1
M 2	8 46 2	12°22'23	28°23	17°22	18°52	8° 1	17°27	9♎ 3	21♌41	18°18	28♉57	16♍ 8	17°44	15° 4	0°30	M 2
T 3	8 49 58	13°23'20	12♓14	18°15	20° 6	8°45	17°41	9° 1	21°39	18°19	28°57	16°D 6	17°41	15°10	0°32	T 3
W 4	8 53 55	14°24'16	25°41	19°12	21°21	9°29	17°55	9° 0	21°36	18°19	28°57	16° 7	17°38	15°17	0°33	W 4
T 5	8 57 52	15°25'10	8♈43	20°12	22°36	10°13	18°10	8°58	21°33	18°20	28°57	16° 8	17°35	15°24	0°35	T 5
F 6	9 1 48	16°26'03	21°23	21°15	23°51	10°56	18°24	8°56	21°31	18°20	28°57	16°10	17°32	15°31	0°36	F 6
S 7	9 5 45	17°26'55	3♉43	22°20	25° 5	11°40	18°38	8°54	21°28	18°21	28°57	16°11	17°28	15°37	0°38	S 7
S 8	9 9 41	18°27'45	15°50	23°27	26°20	12°24	18°53	8°52	21°25	18°21	28°56	16°R12	17°25	15°44	0°39	S 8
M 9	9 13 38	19°28'34	27°47	24°36	27°35	13° 8	19° 7	8°50	21°23	18°22	28°56	16°12	17°22	15°51	0°41	M 9
T 10	9 17 34	20°29'22	9♊39	25°48	28°50	13°52	19°21	8°48	21°20	18°22	28°56	16°10	17°19	15°57	0°42	T 10
W11	9 21 31	21°30'08	21°32	27° 1	0♒ 4	14°35	19°36	8°45	21°18	18°22	28°56	16° 7	17°16	16° 4	0°44	W11
T 12	9 25 27	22°30'52	3♋28	28°16	1°19	15°19	19°50	8°43	21°15	18°22	28°D56	16° 4	17°12	16°11	0°46	T 12
F 13	9 29 24	23°31'35	15°32	29°32	2°34	16° 3	20° 4	8°40	21°12	18°23	28°56	16° 0	17° 9	16°18	0°48	F 13
S 14	9 33 21	24°32'17	27°46	0♒50	3°49	16°46	20°19	8°38	21°10	18°23	28°56	15°56	17° 6	16°24	0°50	S 14
S 15	9 37 17	25°32'57	10♌13	2° 9	5° 4	17°30	20°33	8°35	21° 7	18°23	28°56	15°53	17° 3	16°31	0°52	S 15
M16	9 41 14	26°33'36	22°52	3°30	6°18	18°13	20°47	8°32	21° 4	18°23	28°56	15°51	17° 0	16°38	0°54	M16
T 17	9 45 10	27°34'13	5♍46	4°52	7°33	18°57	21° 2	8°29	21° 2	18°23	28°57	15°49	16°57	16°44	0°56	T 17
W18	9 49 7	28°34'48	18°53	6°15	8°48	19°40	21°16	8°26	20°59	18°23	28°57	15°D49	16°53	16°51	0°58	W18
T 19	9 53 3	29°35'23	2♎13	7°39	10° 3	20°24	21°30	8°23	20°57	18°R23	28°57	15°50	16°50	16°58	1° 0	T 19
F 20	9 57 0	0♓35'56	15°45	9° 4	11°17	21° 7	21°44	8°20	20°54	18°23	28°57	15°51	16°47	17° 5	1° 2	F 20
S 21	10 0 56	1°36'27	29°28	10°31	12°32	21°51	21°59	8°17	20°51	18°23	28°57	15°52	16°44	17°11	1° 4	S 21
S 22	10 4 53	2°36'58	13♏21	11°58	13°47	22°34	22°13	8°13	20°49	18°23	28°57	15°53	16°41	17°18	1° 7	S 22
M23	10 8 50	3°37'27	27°24	13°27	15° 2	23°17	22°27	8°10	20°46	18°23	28°58	15°R54	16°38	17°25	1° 9	M23
T 24	10 12 46	4°37'55	11♐34	14°56	16°16	24° 1	22°41	8° 7	20°44	18°23	28°58	15°54	16°34	17°32	1°11	T 24
W25	10 16 43	5°38'22	25°50	16°27	17°31	24°44	22°56	8° 3	20°41	18°23	28°58	15°53	16°31	17°38	1°14	W25
T 26	10 20 39	6°38'48	10♑ 8	17°59	18°46	25°27	23°10	7°59	20°39	18°22	28°58	15°52	16°28	17°45	1°16	T 26
F 27	10 24 36	7°39'12	24°27	19°31	20° 1	26°10	23°24	7°56	20°36	18°22	28°59	15°51	16°25	17°52	1°19	F 27
S 28	10 28 32	8°39'34	8♒40	21° 5	21°16	26°53	23°38	7°52	20°34	18°22	28°59	15°50	16°22	17°58	1°21	S 28
S 29	10 32 29	9♓39'55	22♒45	22♒40	22♒30	27♈37	23♒52	7♎48	20♌31	18♏22	28♉59	15♍50	16♍18	18♊ 5	1♉24	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s21	13s56	2n45	20s55	1n29	22s10	0n 6	2n40	0s14	16s17	0s39	1s19	2n28	14n58	0n45	15s35	1n45	6n29	13s44	5n27	4n49	17n28	11n17	0s22
M 2	17 5	10 32	1 35	21 0	1 19	22 3	0 3	2 58	0 13	16 13	0 39	1 19	2 28	14 59	0 45	15 35	1 45	6 30	13 44	5 28	4 51	17 28	11 18	0 22
T 3	16 47	6 38	0 21	21 3	1 8	21 55	0 0	3 16	0 12	16 8	0 39	1 18	2 29	14 59	0 45	15 35	1 45	6 30	13 43	5 29	4 52	17 29	11 18	0 22
W 4	16 30	2 31	0s52	21 6	0 58	21 46	0s 2	3 35	0 12	16 4	0 39	1 17	2 29	15 0	0 45	15 35	1 45	6 30	13 43	5 29	4 53	17 30	11 19	0 22
T 5	16 12	1n36	2 1	21 7	0 48	21 37	0 5	3 53	0 11	16 0	0 39	1 16	2 29	15 1	0 45	15 35	1 45	6 30	13 43	5 28	4 54	17 31	11 19	0 22
F 6	15 54	5 32	3 1	21 8	0 38	21 27	0 8	4 11	0 10	15 55	0 39	1 15	2 29	15 2	0 45	15 35	1 45	6 31	13 42	5 27	4 56	17 31	11 20	0 22
S 7	15 36	9 7	3 52	21 7	0 28	21 16	0 10	4 29	0 9	15 51	0 39	1 14	2 30	15 3	0 45	15 35	1 45	6 31	13 42	5 27	4 57	17 32	11 20	0 22
S 8	15 17	12 14	4 31	21 5	0 18	21 5	0 13	4 47	0 8	15 47	0 39	1 13	2 30	15 4	0 45	15 35	1 45	6 31	13 42	5 26	4 58	17 33	11 21	0 22
M 9	14 58	14 49	4 58	21 2	0 9	20 53	0 16	5 4	0 7	15 42	0 39	1 12	2 30	15 5	0 45	15 35	1 45	6 31	13 41	5 27	4 59	17 33	11 21	0 22
T 10	14 39	16 44	5 12	20 58	0s 0	20 40	0 18	5 22	0 6	15 38	0 39	1 11	2 31	15 5	0 45	15 35	1 45	6 32	13 41	5 27	5 0	17 34	11 22	0 22
W11	14 20	17 57	5 12	20 53	0 9	20 27	0 21	5 40	0 5	15 33	0 40	1 9	2 31	15 6	0 45	15 36	1 46	6 32	13 41	5 28	5 2	17 34	11 22	0 23
T 12	14 0	18 23	5 0	20 47	0 18	20 14	0 23	5 58	0 4	15 29	0 40	1 8	2 31	15 7	0 45	15 36	1 46	6 32	13 40	5 30	5 3	17 35	11 23	0 23
F 13	13 40	17 59	4 33	20 39	0 26	19 59	0 26	6 15	0 3	15 24	0 40	1 7	2 31	15 8	0 45	15 36	1 46	6 33	13 40	5 31	5 4	17 36	11 23	0 23
S 14	13 20	16 46	3 54	20 31	0 34	19 44	0 28	6 33	0 2	15 20	0 40	1 6	2 31	15 9	0 45	15 36	1 46	6 33	13 40	5 33	5 5	17 36	11 24	0 23
S 15	13 0	14 43	3 4	20 21	0 42	19 29	0 31	6 50	0 2	15 16	0 40	1 5	2 32	15 10	0 45	15 36	1 46	6 33	13 40	5 34	5 7	17 37	11 25	0 23
M16	12 39	11 56	2 3	20 10	0 50	19 13	0 33	7 8	0 1	15 11	0 40	1 3	2 32	15 10	0 45	15 35	1 46	6 34	13 39	5 35	5 8	17 38	11 25	0 23
T 17	12 18	8 32	0 55	19 57	0 57	18 56	0 35	7 25	0n 0	15 7	0 40	1 2	2 32	15 11	0 45	15 35	1 46	6 34	13 39	5 35	5 9	17 38	11 26	0 23
W18	11 58	4 39	0n17	19 43	1 4	18 39	0 38	7 42	0 1	15 2	0 40	1 0	2 32	15 12	0 45	15 35	1 46	6 34	13 39	5 35	5 10	17 39	11 27	0 23
T 19	11 36	0 29	1 29	19 28	1 10	18 21	0 40	8 0	0 2	14 58	0 40	0 59	2 33	15 13	0 45	15 35	1 46	6 35	13 38	5 35	5 12	17 40	11 27	0 23
F 20	11 15	3s46	2 38	19 12	1 17	18 3	0 42	8 17	0 3	14 53	0 40	0 58	2 33	15 14	0 45	15 35	1 46	6 35	13 38	5 35	5 13	17 40	11 28	0 23
S 21	10 54	7 52	3 39	18 55	1 23	17 44	0 44	8 34	0 4	14 49	0 40	0 56	2 33	15 15	0 45	15 35	1 46	6 35	13 38	5 34	5 14	17 41	11 29	0 23
S 22	10 32	11 35	4 27	18 36	1 28	17 25	0 47	8 50	0 4	14 44	0 41	0 55	2 33	15 15	0 45	15 35	1 46	6 36	13 37	5 34	5 15	17 42	11 29	0 23
M23	10 10	14 41	5 0	18 16	1 34	17 5	0 49	9 7	0 5	14 39	0 41	0 53	2 33	15 16	0 45	15 35	1 46	6 36	13 37	5 34	5 17	17 42	11 30	0 23
T 24	9 48	16 56	5 16	17 55	1 39	16 45	0 51	9 24	0 6	14 35	0 41	0 52	2 34	15 17	0 45	15 35	1 46	6 36	13 37	5 34	5 18	17 43	11 31	0 23
W25	9 26	18 10	5 12	17 32	1 43	16 24	0 53	9 41	0 7	14 30	0 41	0 50	2 34	15 18	0 45	15 35	1 46	6 37	13 36	5 34	5 19	17 43	11 32	0 23
T 26	9 4	18 14	4 49	17 8	1 48	16 3	0 55	9 57	0 8	14 26	0 41	0 48	2 34	15 19	0 45	15 35	1 46	6 37	13 36	5 34	5 20	17 44	11 32	0 23
F 27	8 42	17 9	4 8	16 43	1 52	15 42	0 57	10 14	0 8	14 21	0 41	0 47	2 34	15 19	0 45	15 35	1 46	6 37	13 36	5 34	5 21	17 45	11 33	0 23
S 28	8 19	15 0	3 12	16 17	1 55	15 20	0 59	10 30	0 9	14 17	0 41	0 45	2 34	15 20	0 45	15 34	1 47	6 38	13 35	5 35	5 23	17 45	11 34	0 23
S 29	7s56	11s58	2n 5	15s49	1s59	14s57	1s 0	10n46	0n10	14s12	0s41	0s43	2n35	15n21	0n45	15s34	1n47	6n38	13s35	5n35	5n24	17n46	11n35	0s24

Julian Day Number = 2498326.5, Delta T = 107.84 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'48, Lahiri = 25°38'48

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ASTRODIENST EPHEMERIS for the year 2128
geocentric

MARCH 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 36 25	10♓40'15	6♓36	24♒15	23♒45	28♈20	24♒ 6	7°R44	20°R29	18°R21	29♉ 0	15°R49	16♍15	18♊12	1♉26	M 1
T 2	10 40 22	11°40'33	20°12	25°52	25° 0	29° 3	24°20	7♎40	20♌26	18♏21	29° 0	15°D49	16°12	18°19	1°29	T 2
W 3	10 44 19	12°40'48	3♈29	27°30	26°14	29°46	24°34	7°36	20°24	18°20	29° 0	15♍49	16° 9	18°25	1°32	W 3
T 4	10 48 15	13°41'02	16°27	29° 9	27°29	0♉29	24°48	7°32	20°22	18°20	29° 1	15°50	16° 6	18°32	1°34	T 4
F 5	10 52 12	14°41'14	29° 6	0♓48	28°44	1°12	25° 2	7°28	20°19	18°20	29° 1	15°50	16° 3	18°39	1°37	F 5
S 6	10 56 8	15°41'24	11♉29	2°29	29°59	1°54	25°16	7°24	20°17	18°19	29° 2	15°R50	15°59	18°45	1°40	S 6
S 7	11 0 5	16°41'32	23°38	4°11	1♓13	2°37	25°30	7°20	20°15	18°18	29° 2	15°50	15°56	18°52	1°43	S 7
M 8	11 4 1	17°41'38	5♊37	5°54	2°28	3°20	25°44	7°16	20°13	18°18	29° 3	15°50	15°53	18°59	1°46	M 8
T 9	11 7 58	18°41'42	17°31	7°38	3°43	4° 3	25°58	7°11	20°10	18°17	29° 3	15°D50	15°50	19° 6	1°49	T 9
W10	11 11 54	19°41'44	29°24	9°23	4°57	4°46	26°11	7° 7	20° 8	18°17	29° 4	15°50	15°47	19°12	1°52	W10
T 11	11 15 51	20°41'44	11♋20	11°10	6°12	5°28	26°25	7° 3	20° 6	18°16	29° 5	15°50	15°44	19°19	1°55	T 11
F 12	11 19 47	21°41'41	23°25	12°57	7°27	6°11	26°39	6°58	20° 4	18°15	29° 5	15°51	15°40	19°26	1°58	F 12
S 13	11 23 44	22°41'36	5♌43	14°46	8°41	6°54	26°52	6°54	20° 2	18°15	29° 6	15°51	15°37	19°33	2° 1	S 13
S 14	11 27 41	23°41'29	18°16	16°35	9°56	7°36	27° 6	6°49	20° 0	18°14	29° 6	15°52	15°34	19°39	2° 4	S 14
M15	11 31 37	24°41'20	1♍ 7	18°26	11°11	8°19	27°20	6°45	19°58	18°13	29° 7	15°53	15°31	19°46	2° 7	M15
T 16	11 35 34	25°41'09	14°17	20°18	12°25	9° 1	27°33	6°40	19°56	18°12	29° 8	15°R53	15°28	19°53	2°10	T 16
W17	11 39 30	26°40'56	27°47	22°11	13°40	9°44	27°46	6°35	19°54	18°11	29° 8	15°53	15°24	19°59	2°13	W17
T 18	11 43 27	27°40'41	11♎33	24° 5	14°54	10°26	28° 0	6°31	19°52	18°11	29° 9	15°52	15°21	20° 6	2°17	T 18
F 19	11 47 23	28°40'24	25°34	26° 1	16° 9	11° 8	28°13	6°26	19°50	18°10	29°10	15°51	15°18	20°13	2°20	F 19
S 20	11 51 20	29°40'05	9♏45	27°57	17°24	11°51	28°27	6°22	19°48	18° 9	29°11	15°49	15°15	20°20	2°23	S 20
S 21	11 55 16	0♈39'45	24° 2	29°55	18°38	12°33	28°40	6°17	19°46	18° 8	29°11	15°47	15°12	20°26	2°26	S 21
M22	11 59 13	1°39'23	8♐21	1♈53	19°53	13°15	28°53	6°12	19°44	18° 7	29°12	15°45	15° 9	20°33	2°30	M22
T 23	12 3 10	2°38'59	22°38	3°52	21° 7	13°58	29° 6	6° 7	19°43	18° 6	29°13	15°44	15° 5	20°40	2°33	T 23
W24	12 7 6	3°38'33	6♑50	5°53	22°22	14°40	29°19	6° 3	19°41	18° 5	29°14	15°D44	15° 2	20°46	2°36	W24
T 25	12 11 3	4°38'06	20°56	7°53	23°36	15°22	29°32	5°58	19°39	18° 4	29°15	15°45	14°59	20°53	2°40	T 25
F 26	12 14 59	5°37'37	4♒52	9°55	24°51	16° 4	29°45	5°53	19°38	18° 3	29°15	15°46	14°56	21° 0	2°43	F 26
S 27	12 18 56	6°37'06	18°39	11°56	26° 5	16°46	29°58	5°49	19°36	18° 2	29°16	15°47	14°53	21° 7	2°47	S 27
S 28	12 22 52	7°36'33	2♓15	13°58	27°20	17°28	0♓11	5°44	19°35	18° 0	29°17	15°49	14°49	21°13	2°50	S 28
M29	12 26 49	8°35'59	15°39	16° 0	28°34	18°10	0°24	5°39	19°33	17°59	29°18	15°R49	14°46	21°20	2°54	M29
T 30	12 30 45	9°35'22	28°51	18° 1	29°49	18°52	0°37	5°35	19°32	17°58	29°19	15°49	14°43	21°27	2°57	T 30
W31	12 34 42	10♈34'43	11♈50	20♈ 2	1♈ 3	19♉34	0♓49	5♎30	19♌30	17♏57	29♉20	15♍47	14♍40	21♊34	3♉ 1	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s34	8s18	0n51	15s20	2s 1	14s34	1s 2	11n 2	0n11	14s 8	0s41	0s42	2n35	15n22	0n45	15s34	1n47	6n39	13s35	5n35	5n25	17n46	11n36	0s24
T 2	7 11	4 15	0s24	14 50	2 4	14 11	1 4	11 18	0 11	14 3	0 41	0 40	2 35	15 22	0 45	15 34	1 47	6 39	13 35	5 35	5 26	17 47	11 37	0 24
W 3	6 48	0 6	1 36	14 18	2 6	13 47	1 6	11 34	0 12	13 58	0 42	0 38	2 35	15 23	0 45	15 34	1 47	6 39	13 34	5 35	5 28	17 48	11 38	0 24
T 4	6 25	3n58	2 42	13 46	2 8	13 23	1 7	11 50	0 13	13 54	0 42	0 37	2 35	15 24	0 45	15 34	1 47	6 40	13 34	5 35	5 29	17 48	11 38	0 24
F 5	6 2	7 45	3 38	13 12	2 9	12 59	1 9	12 6	0 14	13 49	0 42	0 35	2 35	15 25	0 45	15 33	1 47	6 40	13 34	5 35	5 30	17 49	11 39	0 24
S 6	5 38	11 6	4 22	12 36	2 10	12 34	1 10	12 21	0 14	13 45	0 42	0 33	2 36	15 25	0 45	15 33	1 47	6 41	13 33	5 35	5 31	17 49	11 40	0 24
S 7	5 15	13 55	4 54	12 0	2 11	12 9	1 12	12 37	0 15	13 40	0 42	0 31	2 36	15 26	0 45	15 33	1 47	6 41	13 33	5 35	5 33	17 50	11 41	0 24
M 8	4 52	16 6	5 12	11 22	2 11	11 43	1 13	12 52	0 16	13 36	0 42	0 29	2 36	15 27	0 45	15 33	1 47	6 41	13 33	5 35	5 34	17 51	11 42	0 24
T 9	4 28	17 34	5 17	10 43	2 10	11 18	1 14	13 7	0 17	13 31	0 42	0 28	2 36	15 28	0 45	15 33	1 47	6 42	13 32	5 35	5 35	17 51	11 43	0 24
W10	4 5	18 17	5 8	10 3	2 10	10 52	1 16	13 22	0 17	13 27	0 42	0 26	2 36	15 28	0 45	15 32	1 47	6 42	13 32	5 35	5 36	17 52	11 44	0 24
T 11	3 41	18 11	4 46	9 21	2 8	10 25	1 17	13 37	0 18	13 22	0 42	0 24	2 36	15 29	0 45	15 32	1 47	6 43	13 32	5 35	5 37	17 52	11 45	0 24
F 12	3 17	17 15	4 12	8 38	2 7	9 59	1 18	13 52	0 19	13 17	0 43	0 22	2 36	15 30	0 45	15 32	1 47	6 43	13 32	5 35	5 39	17 53	11 46	0 24
S 13	2 54	15 31	3 25	7 55	2 4	9 32	1 19	14 7	0 19	13 13	0 43	0 20	2 37	15 30	0 45	15 32	1 47	6 43	13 31	5 34	5 40	17 53	11 47	0 24
S 14	2 30	13 0	2 27	7 9	2 2	9 4	1 20	14 21	0 20	13 8	0 43	0 18	2 37	15 31	0 45	15 31	1 47	6 44	13 31	5 34	5 41	17 54	11 48	0 24
M15	2 7	9 48	1 21	6 23	1 58	8 37	1 21	14 36	0 21	13 4	0 43	0 17	2 37	15 31	0 45	15 31	1 47	6 44	13 31	5 34	5 42	17 55	11 49	0 24
T 16	1 43	6 3	0 9	5 36	1 55	8 9	1 22	14 50	0 22	12 59	0 43	0 15	2 37	15 32	0 45	15 31	1 47	6 45	13 30	5 34	5 44	17 55	11 50	0 24
W17	1 19	1 53	1n 5	4 47	1 50	7 41	1 23	15 4	0 22	12 55	0 43	0 13	2 37	15 33	0 45	15 31	1 48	6 45	13 30	5 34	5 45	17 56	11 51	0 25
T 18	0 55	2s27	2 17	3 58	1 46	7 13	1 23	15 18	0 23	12 50	0 43	0 11	2 37	15 33	0 45	15 30	1 48	6 45	13 30	5 34	5 46	17 56	11 52	0 25
F 19	0 32	6 44	3 22	3 7	1 40	6 45	1 24	15 32	0 24	12 46	0 44	0 9	2 37	15 34	0 45	15 30	1 48	6 46	13 30	5 35	5 47	17 57	11 53	0 25
S 20	0 8	10 41	4 16	2 16	1 35	6 17	1 25	15 46	0 24	12 41	0 44	0 7	2 37	15 34	0 45	15 30	1 48	6 46	13 29	5 35	5 49	17 57	11 54	0 25
S 21	0n16	14 1	4 53	1 23	1 28	5 48	1 25	15 59	0 25	12 37	0 44	0 5	2 37	15 35	0 45	15 29	1 48	6 47	13 29	5 36	5 50	17 58	11 55	0 25
M22	0 40	16 31	5 13	0 30	1 21	5 19	1 26	16 13	0 25	12 32	0 44	0 3	2 37	15 35	0 45	15 29	1 48	6 47	13 29	5 37	5 51	17 58	11 56	0 25
T 23	1 3	18 0	5 13	0n25	1 14	4 50	1 26	16 26	0 26	12 28	0 44	0 1	2 37	15 36	0 45	15 29	1 48	6 47	13 28	5 37	5 52	17 59	11 57	0 25
W24	1 27	18 20	4 55	1 19	1 6	4 21	1 27	16 39	0 27	12 23	0 44	0n 1	2 37	15 36	0 45	15 29	1 48	6 48	13 28	5 37	5 53	18 0	11 59	0 25
T 25	1 50	17 32	4 18	2 15	0 57	3 52	1 27	16 52	0 27	12 19	0 44	0 3	2 37	15 37	0 45	15 28	1 48	6 48	13 28	5 37	5 55	18 0	12 0	0 25
F 26	2 14	15 41	3 27	3 11	0 48	3 23	1 27	17 5	0 28	12 15	0 44	0 4	2 37	15 37	0 45	15 28	1 48	6 49	13 28	5 37	5 56	18 1	12 1	0 25
S 27	2 38	12 56	2 24	4 7	0 39	2 53	1 27	17 17	0 29	12 10	0 45	0 6	2 38	15 38	0 45	15 27	1 48	6 49	13 27	5 36	5 57	18 1	12 2	0 25
S 28	3 1	9 31	1 14	5 4	0 29	2 24	1 28	17 30	0 29	12 6	0 45	0 8	2 38	15 38	0 45	15 27	1 48	6 50	13 27	5 35	5 58	18 2	12 3	0 25
M29	3 24	5 38	0 1	6 0	0 19	1 54	1 28	17 42	0 30	12 1	0 45	0 10	2 38	15 39	0 44	15 27	1 48	6 50	13 27	5 35	6 0	18 2	12 4	0 25
T 30	3 48	1 33	1s11	6 56	0 8	1 25	1 28	17 54	0 30	11 57	0 45	0 12	2 38	15 39	0 44	15 26	1 48	6 50	13 27	5 36	6 1	18 3	12 5	0 25
W31	4n11	2n33	2s18	7n52	0n 3	0s55	1s28	18n 6	0n31	11s53	0s45	0n14	2n38	15n40	0n44	15s26	1n48	6n51	13s26	5n36	6n 2	18n 3	12n 6	0s25

Julian Day Number = 2498355.5, Delta T = 107.89 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'52, Lahiri = 25°38'52

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ASTRODIENST EPHEMERIS for the year 2128
geocentric

APRIL 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 39	11♈34'03	24♈34	22♈ 1	2♈18	20♉16	1♓ 2	5°R25	19°R29	17°R56	29♉21	15°R44	14♍37	21♊40	3♉ 4	T 1
F 2	12 42 35	12°33'20	7♉ 6	24° 0	3°32	20°58	1°14	5♎21	19♌28	17♏54	29°22	15♍39	14°34	21°47	3° 8	F 2
S 3	12 46 32	13°32'35	19°24	25°56	4°47	21°39	1°27	5°16	19°27	17°53	29°23	15°35	14°30	21°54	3°11	S 3
S 4	12 50 28	14°31'48	1♊31	27°50	6° 1	22°21	1°39	5°11	19°25	17°52	29°24	15°30	14°27	22° 0	3°15	S 4
M 5	12 54 25	15°30'59	13°30	29°42	7°16	23° 3	1°52	5° 7	19°24	17°51	29°25	15°25	14°24	22° 7	3°18	M 5
T 6	12 58 21	16°30'08	25°24	1♋31	8°30	23°45	2° 4	5° 2	19°23	17°49	29°26	15°22	14°21	22°14	3°22	T 6
W 7	13 2 18	17°29'14	7♌16	3°17	9°44	24°26	2°16	4°57	19°22	17°48	29°27	15°20	14°18	22°21	3°26	W 7
T 8	13 6 14	18°28'18	19°11	4°59	10°59	25° 8	2°28	4°53	19°21	17°47	29°28	15°D19	14°15	22°27	3°29	T 8
F 9	13 10 11	19°27'20	1♍15	6°37	12°13	25°49	2°40	4°48	19°20	17°45	29°29	15°20	14°11	22°34	3°33	F 9
S 10	13 14 8	20°26'19	13°31	8°11	13°28	26°31	2°52	4°44	19°19	17°44	29°30	15°22	14° 8	22°41	3°37	S 10
S 11	13 18 4	21°25'16	26° 5	9°40	14°42	27°12	3° 4	4°40	19°18	17°42	29°31	15°23	14° 5	22°47	3°40	S 11
M12	13 22 1	22°24'11	9♎ 0	11° 4	15°56	27°54	3°16	4°35	19°18	17°41	29°32	15°R24	14° 2	22°54	3°44	M12
T 13	13 25 57	23°23'03	22°19	12°24	17°10	28°35	3°27	4°31	19°17	17°39	29°33	15°24	13°59	23° 1	3°48	T 13
W14	13 29 54	24°21'54	6♏ 2	13°38	18°25	29°17	3°39	4°27	19°16	17°38	29°35	15°23	13°55	23° 8	3°52	W14
T 15	13 33 50	25°20'42	20° 9	14°46	19°39	29°58	3°50	4°22	19°16	17°37	29°36	15°19	13°52	23°14	3°55	T 15
F 16	13 37 47	26°19'28	4♐36	15°49	20°53	0♊39	4° 2	4°18	19°15	17°35	29°37	15°14	13°49	23°21	3°59	F 16
S 17	13 41 43	27°18'13	19°15	16°46	22° 7	1°20	4°13	4°14	19°15	17°34	29°38	15° 8	13°46	23°28	4° 3	S 17
S 18	13 45 40	28°16'55	4♑ 1	17°37	23°22	2° 2	4°24	4°10	19°14	17°32	29°39	15° 1	13°43	23°35	4° 6	S 18
M19	13 49 36	29°15'36	18°45	18°23	24°36	2°43	4°35	4° 6	19°14	17°31	29°40	14°55	13°40	23°41	4°10	M19
T 20	13 53 33	0♒14'15	3♒20	19° 2	25°50	3°24	4°46	4° 2	19°13	17°29	29°42	14°51	13°36	23°48	4°14	T 20
W21	13 57 30	1°12'53	17°41	19°35	27° 4	4° 5	4°57	3°58	19°13	17°27	29°43	14°48	13°33	23°55	4°18	W21
T 22	14 1 26	2°11'29	1♓46	20° 3	28°19	4°46	5° 8	3°54	19°13	17°26	29°44	14°D47	13°30	24° 1	4°22	T 22
F 23	14 5 23	3°10'03	15°34	20°24	29°33	5°27	5°19	3°50	19°13	17°24	29°45	14°48	13°27	24° 8	4°25	F 23
S 24	14 9 19	4° 8'35	29° 5	20°39	0♉47	6° 8	5°29	3°47	19°12	17°23	29°46	14°49	13°24	24°15	4°29	S 24
S 25	14 13 16	5° 7'06	12♓20	20°48	2° 1	6°49	5°40	3°43	19°12	17°21	29°48	14°R50	13°20	24°22	4°33	S 25
M26	14 17 12	6° 5'36	25°22	20°R52	3°15	7°30	5°50	3°39	19°D12	17°20	29°49	14°49	13°17	24°28	4°37	M26
T 27	14 21 9	7° 4'03	8♈12	20°49	4°29	8°11	6° 1	3°36	19°12	17°18	29°50	14°47	13°14	24°35	4°40	T 27
W28	14 25 5	8° 2'29	20°50	20°41	5°43	8°52	6°11	3°32	19°12	17°16	29°51	14°42	13°11	24°42	4°44	W28
T 29	14 29 2	9° 0'53	3♉18	20°29	6°58	9°32	6°21	3°29	19°12	17°15	29°53	14°34	13° 8	24°48	4°48	T 29
F 30	14 32 59	9♉59'15	15♉37	20♉11	8♉12	10♊13	6♓31	3♎25	19♌13	17♏13	29♉54	14♍25	13♍ 5	24♊55	4♉52	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n34	6n28	3s17	8n48	0n14	0s25	1s27	18n18	0n32	11s48	0s45	0n16	2n38	15n40	0n44	15s26	1n48	6n51	13s26	5n37	6n 3	18n 4	12n 8	0s25
F 2	4 57	10 0	4 5	9 42	0 26	0n 4	1 27	18 30	0 32	11 44	0 46	0 18	2 38	15 40	0 44	15 25	1 48	6 52	13 26	5 39	6 4	18 4	12 9	0 26
S 3	5 20	13 3	4 41	10 36	0 38	0 34	1 27	18 41	0 33	11 40	0 46	0 19	2 38	15 41	0 44	15 25	1 48	6 52	13 26	5 41	6 6	18 5	12 10	0 26
S 4	5 43	15 30	5 3	11 28	0 49	1 4	1 27	18 53	0 33	11 36	0 46	0 21	2 38	15 41	0 44	15 25	1 48	6 53	13 26	5 43	6 7	18 5	12 11	0 26
M 5	6 6	17 14	5 12	12 19	1 1	1 34	1 26	19 4	0 34	11 31	0 46	0 23	2 38	15 41	0 44	15 24	1 48	6 53	13 25	5 44	6 8	18 6	12 12	0 26
T 6	6 29	18 13	5 8	13 8	1 13	2 3	1 26	19 15	0 34	11 27	0 46	0 25	2 38	15 42	0 44	15 24	1 48	6 53	13 25	5 46	6 9	18 6	12 13	0 26
W 7	6 52	18 24	4 50	13 55	1 24	2 33	1 25	19 26	0 35	11 23	0 46	0 27	2 38	15 42	0 44	15 23	1 48	6 54	13 25	5 47	6 11	18 7	12 15	0 26
T 8	7 14	17 46	4 20	14 40	1 35	3 3	1 25	19 36	0 35	11 19	0 47	0 28	2 37	15 42	0 44	15 23	1 48	6 54	13 25	5 47	6 12	18 7	12 16	0 26
F 9	7 36	16 19	3 38	15 23	1 46	3 32	1 24	19 47	0 36	11 15	0 47	0 30	2 37	15 43	0 44	15 23	1 48	6 55	13 24	5 46	6 13	18 8	12 17	0 26
S 10	7 59	14 7	2 45	16 3	1 56	4 2	1 23	19 57	0 37	11 10	0 47	0 32	2 37	15 43	0 44	15 22	1 48	6 55	13 24	5 46	6 14	18 8	12 18	0 26
S 11	8 21	11 12	1 43	16 41	2 5	4 31	1 22	20 7	0 37	11 6	0 47	0 33	2 37	15 43	0 44	15 22	1 48	6 55	13 24	5 45	6 15	18 9	12 19	0 26
M12	8 43	7 39	0 35	17 16	2 14	5 1	1 22	20 17	0 38	11 2	0 47	0 35	2 37	15 43	0 44	15 21	1 49	6 56	13 24	5 45	6 17	18 9	12 20	0 26
T 13	9 5	3 37	0n37	17 49	2 23	5 30	1 21	20 27	0 38	10 58	0 47	0 37	2 37	15 43	0 44	15 21	1 49	6 56	13 24	5 45	6 18	18 10	12 22	0 26
W14	9 26	0s43	1 50	18 18	2 30	5 59	1 20	20 36	0 39	10 54	0 48	0 38	2 37	15 44	0 44	15 20	1 49	6 57	13 23	5 46	6 19	18 10	12 23	0 26
T 15	9 48	5 8	2 57	18 45	2 37	6 28	1 19	20 46	0 39	10 50	0 48	0 40	2 37	15 44	0 44	15 20	1 49	6 57	13 23	5 47	6 20	18 11	12 24	0 26
F 16	10 9	9 21	3 55	19 9	2 43	6 57	1 18	20 55	0 40	10 46	0 48	0 42	2 37	15 44	0 44	15 20	1 49	6 57	13 23	5 49	6 22	18 11	12 25	0 26
S 17	10 30	13 4	4 38	19 31	2 48	7 25	1 17	21 4	0 40	10 42	0 48	0 43	2 37	15 44	0 44	15 19	1 49	6 58	13 23	5 51	6 23	18 12	12 26	0 27
S 18	10 51	15 58	5 3	19 49	2 51	7 54	1 15	21 13	0 41	10 38	0 48	0 45	2 37	15 44	0 44	15 19	1 49	6 58	13 23	5 54	6 24	18 12	12 28	0 27
M19	11 12	17 50	5 8	20 4	2 54	8 22	1 14	21 21	0 41	10 34	0 49	0 46	2 37	15 44	0 44	15 18	1 49	6 59	13 23	5 56	6 25	18 12	12 29	0 27
T 20	11 33	18 30	4 53	20 17	2 56	8 51	1 13	21 30	0 42	10 31	0 49	0 48	2 37	15 44	0 44	15 18	1 49	6 59	13 22	5 58	6 26	18 13	12 30	0 27
W21	11 53	17 58	4 20	20 26	2 56	9 19	1 12	21 38	0 42	10 27	0 49	0 49	2 37	15 44	0 44	15 17	1 49	6 59	13 22	5 59	6 28	18 13	12 31	0 27
T 22	12 14	16 19	3 31	20 33	2 55	9 46	1 10	21 46	0 43	10 23	0 49	0 51	2 36	15 44	0 44	15 17	1 49	7 0	13 22	5 59	6 29	18 14	12 32	0 27
F 23	12 34	13 45	2 31	20 37	2 53	10 14	1 9	21 54	0 43	10 19	0 49	0 52	2 36	15 45	0 44	15 16	1 49	7 0	13 22	5 59	6 30	18 14	12 34	0 27
S 24	12 53	10 28	1 24	20 38	2 50	10 41	1 7	22 2	0 43	10 15	0 49	0 53	2 36	15 45	0 44	15 16	1 49	7 1	13 22	5 59	6 31	18 15	12 35	0 27
S 25	13 13	6 43	0 13	20 36	2 45	11 8	1 6	22 9	0 44	10 12	0 50	0 55	2 36	15 45	0 44	15 16	1 49	7 1	13 22	5 58	6 33	18 15	12 36	0 27
M26	13 32	2 42	0s56	20 31	2 39	11 35	1 4	22 16	0 44	10 8	0 50	0 56	2 36	15 45	0 44	15 15	1 49	7 1	13 21	5 58	6 34	18 16	12 37	0 27
T 27	13 52	1n23	2 2	20 23	2 32	12 2	1 2	22 23	0 45	10 5	0 50	0 57	2 36	15 44	0 44	15 15	1 49	7 2	13 21	5 59	6 35	18 16	12 38	0 27
W28	14 11	5 20	3 1	20 12	2 23	12 28	1 1	22 30	0 45	10 1	0 50	0 59	2 36	15 44	0 43	15 14	1 49	7 2	13 21	6 1	6 36	18 17	12 40	0 27
T 29	14 29	9 0	3 50	19 59	2 13	12 54	0 59	22 37	0 46	9 57	0 50	1 0	2 36	15 44	0 43	15 14	1 49	7 3	13 21	6 4	6 37	18 17	12 41	0 27
F 30	14n48	12n14	4s27	19n44	2n 2	13n19	0s57	22n43	0n46	9s54	0s51	1n 1	2n35	15n44	0n43	15s13	1n49	7n 3	13s21	6n 8	6n39	18n17	12n42	0s28

Julian Day Number = 2498386.5, Delta T = 107.94 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'56, Lahiri = 25°38'57

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ASTRODIENST EPHEMERIS for the year 2128
geocentric

MAY 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 55	10♉57'36	27♉47	19°R49	9♉26	10♊54	6♓41	3°R22	19♘13	17°R12	29♉55	14°R14	13♍ 1	25♊ 2	4♉55	S 1
S 2	14 40 52	11°55'54	9♊49	19♉22	10°40	11°35	6°51	3♎19	19°13	17♏10	29°57	14♍ 3	12°58	25° 9	4°59	S 2
M 3	14 44 48	12°54'11	21°45	18°53	11°54	12°15	7° 0	3°16	19°13	17° 8	29°58	13°53	12°55	25°15	5° 3	M 3
T 4	14 48 45	13°52'26	3♋36	18°20	13° 8	12°56	7°10	3°13	19°14	17° 7	29°59	13°45	12°52	25°22	5° 7	T 4
W 5	14 52 41	14°50'39	15°27	17°45	14°22	13°37	7°19	3°10	19°14	17° 5	0♊ 0	13°38	12°49	25°29	5°10	W 5
T 6	14 56 38	15°48'50	27°21	17° 9	15°36	14°17	7°28	3° 7	19°15	17° 3	0° 2	13°34	12°46	25°36	5°14	T 6
F 7	15 0 34	16°46'59	9♌22	16°31	16°50	14°58	7°38	3° 4	19°15	17° 2	0° 3	13°32	12°42	25°42	5°18	F 7
S 8	15 4 31	17°45'06	21°35	15°53	18° 4	15°38	7°47	3° 2	19°16	17° 0	0° 4	13°D32	12°39	25°49	5°21	S 8
S 9	15 8 28	18°43'11	4♍ 6	15°16	19°18	16°19	7°55	2°59	19°17	16°59	0° 6	13°32	12°36	25°56	5°25	S 9
M10	15 12 24	19°41'14	16°58	14°40	20°32	16°59	8° 4	2°57	19°17	16°57	0° 7	13°R33	12°33	26° 2	5°29	M10
T 11	15 16 21	20°39'15	0♎17	14° 5	21°46	17°39	8°13	2°54	19°18	16°55	0° 8	13°31	12°30	26° 9	5°33	T 11
W12	15 20 17	21°37'14	14° 4	13°32	23° 0	18°20	8°21	2°52	19°19	16°54	0°10	13°28	12°26	26°16	5°36	W12
T 13	15 24 14	22°35'12	28°20	13° 3	24°14	19° 0	8°30	2°50	19°20	16°52	0°11	13°22	12°23	26°23	5°40	T 13
F 14	15 28 10	23°33'07	13♏ 1	12°36	25°28	19°40	8°38	2°48	19°21	16°50	0°12	13°14	12°20	26°29	5°43	F 14
S 15	15 32 7	24°31'02	28° 0	12°13	26°41	20°20	8°46	2°46	19°22	16°49	0°14	13° 5	12°17	26°36	5°47	S 15
S 16	15 36 3	25°28'55	13♐ 8	11°54	27°55	21° 1	8°54	2°44	19°23	16°47	0°15	12°54	12°14	26°43	5°51	S 16
M17	15 40 0	26°26'46	28°15	11°39	29° 9	21°41	9° 2	2°42	19°24	16°46	0°17	12°45	12°11	26°49	5°54	M17
T 18	15 43 57	27°24'36	13♑11	11°28	0♊23	22°21	9°10	2°40	19°25	16°44	0°18	12°37	12° 7	26°56	5°58	T 18
W19	15 47 53	28°22'25	27°48	11°22	1°37	23° 1	9°17	2°38	19°26	16°42	0°19	12°32	12° 4	27° 3	6° 1	W19
T 20	15 51 50	29°20'13	12♒ 3	11°D20	2°51	23°41	9°25	2°37	19°27	16°41	0°21	12°29	12° 1	27°10	6° 5	T 20
F 21	15 55 46	0♊17'59	25°53	11°22	4° 5	24°21	9°32	2°35	19°29	16°39	0°22	12°D28	11°58	27°16	6° 8	F 21
S 22	15 59 43	1°15'45	9♓20	11°30	5°18	25° 1	9°39	2°34	19°30	16°38	0°23	12°R28	11°55	27°23	6°12	S 22
S 23	16 3 39	2°13'29	22°27	11°42	6°32	25°41	9°46	2°33	19°31	16°36	0°25	12°28	11°52	27°30	6°15	S 23
M24	16 7 36	3°11'13	5♈16	11°58	7°46	26°21	9°53	2°32	19°33	16°35	0°26	12°26	11°48	27°36	6°19	M24
T 25	16 11 32	4° 8'55	17°51	12°19	9° 0	27° 1	9°59	2°30	19°34	16°33	0°27	12°22	11°45	27°43	6°22	T 25
W26	16 15 29	5° 6'36	0♉14	12°44	10°14	27°41	10° 6	2°29	19°36	16°31	0°29	12°15	11°42	27°50	6°26	W26
T 27	16 19 26	6° 4'16	12°28	13°13	11°27	28°21	10°12	2°29	19°37	16°30	0°30	12° 5	11°39	27°57	6°29	T 27
F 28	16 23 22	7° 1'55	24°35	13°47	12°41	29° 1	10°18	2°28	19°39	16°28	0°31	11°53	11°36	28° 3	6°33	F 28
S 29	16 27 19	7°59'33	6♊36	14°24	13°55	29°40	10°24	2°27	19°41	16°27	0°33	11°40	11°32	28°10	6°36	S 29
S 30	16 31 15	8°57'09	18°32	15° 5	15° 9	0♋20	10°30	2°27	19°42	16°25	0°34	11°26	11°29	28°17	6°39	S 30
M31	16 35 12	9♊54'45	0♋24	15♉51	16♊23	1♋ 0	10♓36	2♎26	19♘44	16♏24	0♊35	11♍12	11♍26	28♊23	6♉43	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 6	14n54	4s52	19n26	1n49	13n45	0s55	22n50	0n47	9s50	0s51	1n 2	2n35	15n44	0n43	15s13	1n49	7n 3	13s21	6n12	6n40	18n18	12n43	0s28
S 2	15 24	16 54	5 3	19 6	1 36	14 10	0 54	22 56	0 47	9 47	0 51	1 3	2 35	15 44	0 43	15 12	1 49	7 4	13 21	6 16	6 41	18 18	12 44	0 28
M 3	15 42	18 9	5 1	18 44	1 21	14 34	0 52	23 2	0 47	9 44	0 51	1 4	2 35	15 44	0 43	15 12	1 49	7 4	13 21	6 20	6 42	18 19	12 45	0 28
T 4	15 59	18 36	4 46	18 20	1 6	14 59	0 50	23 7	0 48	9 40	0 52	1 5	2 35	15 44	0 43	15 11	1 49	7 4	13 20	6 23	6 44	18 19	12 47	0 28
W 5	16 17	18 14	4 19	17 55	0 50	15 22	0 48	23 13	0 48	9 37	0 52	1 6	2 35	15 44	0 43	15 11	1 49	7 5	13 20	6 26	6 45	18 19	12 48	0 28
T 6	16 34	17 4	3 40	17 28	0 33	15 46	0 46	23 18	0 49	9 34	0 52	1 7	2 35	15 43	0 43	15 10	1 49	7 5	13 20	6 27	6 46	18 20	12 49	0 28
F 7	16 50	15 8	2 52	17 1	0 16	16 9	0 44	23 23	0 49	9 31	0 52	1 8	2 34	15 43	0 43	15 10	1 49	7 5	13 20	6 28	6 47	18 20	12 50	0 28
S 8	17 7	12 30	1 54	16 34	0s 1	16 32	0 42	23 28	0 49	9 27	0 52	1 9	2 34	15 43	0 43	15 10	1 49	7 6	13 20	6 28	6 48	18 21	12 51	0 28
S 9	17 23	9 13	0 50	16 6	0 19	16 54	0 40	23 32	0 50	9 24	0 53	1 10	2 34	15 43	0 43	15 9	1 49	7 6	13 20	6 28	6 50	18 21	12 52	0 28
M10	17 39	5 25	0n18	15 39	0 36	17 16	0 37	23 37	0 50	9 21	0 53	1 11	2 34	15 42	0 43	15 9	1 49	7 7	13 20	6 28	6 51	18 22	12 54	0 28
T 11	17 54	1 14	1 28	15 12	0 53	17 37	0 35	23 41	0 50	9 18	0 53	1 12	2 34	15 42	0 43	15 8	1 49	7 7	13 20	6 28	6 52	18 22	12 55	0 28
W12	18 9	3s10	2 35	14 47	1 10	17 58	0 33	23 45	0 51	9 15	0 53	1 13	2 33	15 42	0 43	15 8	1 49	7 7	13 20	6 30	6 53	18 22	12 56	0 28
T 13	18 24	7 32	3 34	14 22	1 26	18 19	0 31	23 49	0 51	9 12	0 54	1 13	2 33	15 42	0 43	15 7	1 49	7 8	13 20	6 32	6 54	18 23	12 57	0 29
F 14	18 39	11 35	4 21	14 0	1 42	18 39	0 29	23 53	0 52	9 9	0 54	1 14	2 33	15 41	0 43	15 7	1 49	7 8	13 20	6 35	6 56	18 23	12 58	0 29
S 15	18 53	14 58	4 51	13 38	1 56	18 58	0 26	23 56	0 52	9 7	0 54	1 15	2 33	15 41	0 43	15 6	1 49	7 8	13 20	6 39	6 57	18 23	12 59	0 29
S 16	19 7	17 22	5 2	13 19	2 10	19 17	0 24	23 59	0 52	9 4	0 54	1 15	2 33	15 41	0 43	15 6	1 49	7 8	13 19	6 43	6 58	18 24	13 0	0 29
M17	19 21	18 34	4 51	13 2	2 23	19 36	0 22	24 2	0 53	9 1	0 55	1 16	2 33	15 40	0 43	15 5	1 49	7 9	13 19	6 46	6 59	18 24	13 2	0 29
T 18	19 34	18 27	4 20	12 48	2 35	19 54	0 20	24 5	0 53	8 58	0 55	1 16	2 32	15 40	0 43	15 5	1 49	7 9	13 19	6 49	7 0	18 25	13 3	0 29
W19	19 47	17 6	3 33	12 35	2 47	20 11	0 17	24 7	0 53	8 56	0 55	1 17	2 32	15 39	0 43	15 5	1 49	7 9	13 19	6 51	7 2	18 25	13 4	0 29
T 20	20 0	14 42	2 34	12 25	2 57	20 28	0 15	24 10	0 54	8 53	0 55	1 17	2 32	15 39	0 43	15 4	1 49	7 10	13 19	6 52	7 3	18 25	13 5	0 29
F 21	20 12	11 31	1 27	12 17	3 6	20 44	0 13	24 12	0 54	8 51	0 55	1 18	2 32	15 39	0 43	15 4	1 49	7 10	13 19	6 53	7 4	18 26	13 6	0 29
S 22	20 24	7 48	0 17	12 12	3 13	21 0	0 10	24 14	0 54	8 48	0 56	1 18	2 32	15 38	0 43	15 3	1 49	7 10	13 19	6 53	7 5	18 26	13 7	0 29
S 23	20 35	3 48	0s53	12 9	3 20	21 15	0 8	24 16	0 55	8 46	0 56	1 18	2 31	15 38	0 43	15 3	1 49	7 11	13 19	6 53	7 7	18 26	13 8	0 29
M24	20 47	0n18	1 58	12 8	3 26	21 30	0 5	24 17	0 55	8 44	0 56	1 18	2 31	15 37	0 43	15 2	1 49	7 11	13 19	6 53	7 8	18 27	13 9	0 29
T 25	20 58	4 18	2 55	12 10	3 31	21 44	0 3	24 18	0 55	8 41	0 57	1 19	2 31	15 37	0 43	15 2	1 49	7 11	13 19	6 55	7 9	18 27	13 10	0 30
W26	21 8	8 3	3 44	12 14	3 35	21 57	0 1	24 20	0 56	8 39	0 57	1 19	2 31	15 36	0 43	15 2	1 49	7 11	13 19	6 58	7 10	18 28	13 11	0 30
T 27	21 18	11 25	4 21	12 20	3 38	22 10	0n 2	24 20	0 56	8 37	0 57	1 19	2 30	15 36	0 42	15 1	1 49	7 12	13 19	7 1	7 11	18 28	13 12	0 30
F 28	21 28	14 16	4 46	12 28	3 40	22 22	0 4	24 21	0 56	8 35	0 57	1 19	2 30	15 35	0 42	15 1	1 49	7 12	13 19	7 6	7 13	18 28	13 13	0 30
S 29	21 37	16 29	4 58	12 38	3 41	22 34	0 7	24 22	0 57	8 33	0 58	1 19	2 30	15 35	0 42	15 0	1 49	7 12	13 19	7 11	7 14	18 29	13 14	0 30
S 30	21 46	17 59	4 57	12 49	3 41	22 45	0 9	24 22	0 57	8 31	0 58	1 19	2 30	15 34	0 42	15 0	1 49	7 12	13 19	7 16	7 15	18 29	13 15	0 30
M31	21n55	18n42	4s43	13n 3	3s40	22n55	0n11	24n22	0n57	8s29	0s58	1n19	2n30	15n33	0n42	15s 0	1n49	7n13	13s19	7n21	7n16	18n29	13n16	0s30

Julian Day Number = 2498416.5, Delta T = 107.98 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'00, Lahiri = 25°39'01

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ASTRODIENST EPHEMERIS for the year 2128
geocentric

JUNE 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 39 8	10♊52'19	12♋15	16♉39	17♊36	1♋40	10♓42	2°R26	19♌46	16°R23	0♊37	11°R 1	11♍23	28♊30	6♉46	T 1
W 2	16 43 5	11°49'52	24° 6	17°32	18°50	2°19	10°47	2♎25	19°48	16♏21	0°38	10♍52	11°20	28°37	6°49	W 2
T 3	16 47 1	12°47'24	6♌ 0	18°27	20° 4	2°59	10°52	2°25	19°50	16°20	0°39	10°46	11°17	28°44	6°52	T 3
F 4	16 50 58	13°44'54	18° 1	19°27	21°17	3°39	10°57	2°D25	19°52	16°18	0°41	10°42	11°13	28°50	6°55	F 4
S 5	16 54 55	14°42'24	0♍13	20°29	22°31	4°18	11° 2	2°25	19°54	16°17	0°42	10°41	11°10	28°57	6°59	S 5
S 6	16 58 51	15°39'52	12°41	21°35	23°45	4°58	11° 7	2°25	19°56	16°15	0°43	10°41	11° 7	29° 4	7° 2	S 6
M 7	17 2 48	16°37'18	25°29	22°44	24°59	5°37	11°11	2°26	19°58	16°14	0°45	10°40	11° 4	29°10	7° 5	M 7
T 8	17 6 44	17°34'44	8♎43	23°56	26°12	6°17	11°16	2°26	20° 0	16°13	0°46	10°39	11° 1	29°17	7° 8	T 8
W 9	17 10 41	18°32'08	22°26	25°11	27°26	6°56	11°20	2°26	20° 2	16°11	0°47	10°36	10°58	29°24	7°11	W 9
T 10	17 14 37	19°29'31	6♏39	26°29	28°40	7°36	11°24	2°27	20° 4	16°10	0°49	10°30	10°54	29°31	7°14	T 10
F 11	17 18 34	20°26'53	21°19	27°50	29°53	8°15	11°28	2°28	20° 7	16° 9	0°50	10°22	10°51	29°37	7°17	F 11
S 12	17 22 30	21°24'15	6♐22	29°14	1♋ 7	8°55	11°31	2°28	20° 9	16° 8	0°51	10°12	10°48	29°44	7°20	S 12
S 13	17 26 27	22°21'35	21°39	0♊41	2°20	9°34	11°35	2°29	20°11	16° 6	0°53	10° 2	10°45	29°51	7°23	S 13
M14	17 30 24	23°18'55	6♑58	2°11	3°34	10°13	11°38	2°30	20°14	16° 5	0°54	9°52	10°42	29°58	7°26	M14
T 15	17 34 20	24°16'14	22° 8	3°43	4°48	10°53	11°41	2°31	20°16	16° 4	0°55	9°44	10°38	0♋ 4	7°29	T 15
W16	17 38 17	25°13'32	7♒ 0	5°19	6° 1	11°32	11°44	2°32	20°18	16° 3	0°56	9°38	10°35	0°11	7°31	W16
T 17	17 42 13	26°10'50	21°27	6°57	7°15	12°11	11°47	2°34	20°21	16° 2	0°58	9°35	10°32	0°18	7°34	T 17
F 18	17 46 10	27° 8'08	5♓26	8°38	8°28	12°50	11°50	2°35	20°24	16° 0	0°59	9°D34	10°29	0°24	7°37	F 18
S 19	17 50 6	28° 5'25	18°59	10°22	9°42	13°30	11°52	2°37	20°26	15°59	1° 0	9°34	10°26	0°31	7°40	S 19
S 20	17 54 3	29° 2'42	2♈ 6	12° 9	10°56	14° 9	11°54	2°38	20°29	15°58	1° 1	9°R34	10°23	0°38	7°42	S 20
M21	17 57 59	29°59'58	14°52	13°58	12° 9	14°48	11°56	2°40	20°31	15°57	1° 2	9°33	10°19	0°45	7°45	M21
T 22	18 1 56	0♋57'15	27°21	15°50	13°23	15°27	11°58	2°42	20°34	15°56	1° 4	9°30	10°16	0°51	7°48	T 22
W23	18 5 53	1°54'31	9♉36	17°45	14°36	16° 6	12° 0	2°43	20°37	15°55	1° 5	9°25	10°13	0°58	7°50	W23
T 24	18 9 49	2°51'47	21°42	19°42	15°50	16°45	12° 1	2°45	20°40	15°54	1° 6	9°17	10°10	1° 5	7°53	T 24
F 25	18 13 46	3°49'03	3♊41	21°41	17° 3	17°24	12° 2	2°47	20°42	15°53	1° 7	9° 7	10° 7	1°11	7°55	F 25
S 26	18 17 42	4°46'19	15°35	23°43	18°17	18° 3	12° 3	2°49	20°45	15°52	1° 8	8°55	10° 4	1°18	7°57	S 26
S 27	18 21 39	5°43'34	27°27	25°47	19°31	18°43	12° 4	2°52	20°48	15°51	1°10	8°43	10° 0	1°25	8° 0	S 27
M28	18 25 35	6°40'49	9♋18	27°52	20°44	19°22	12° 5	2°54	20°51	15°50	1°11	8°32	9°57	1°32	8° 2	M28
T 29	18 29 32	7°38'04	21°10	29°59	21°58	20° 1	12° 5	2°56	20°54	15°49	1°12	8°22	9°54	1°38	8° 4	T 29
W30	18 33 28	8♋35'18	3♌ 4	2♋ 7	23♋11	20♋40	12♓ 5	2♎59	20♌57	15♏49	1♊13	8♍15	9♍51	1♋45	8♉ 7	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 3	18n35	4s17	13n18	3s39	23n 4	0n14	24n22	0n57	8s27	0s58	1n19	2n29	15n33	0n42	14s59	1n49	7n13	13s19	7n26	7n17	18n30	13n17	0s30
W 2	22 11	17 40	3 40	13 35	3 37	23 13	0 16	24 22	0 58	8 25	0 59	1 19	2 29	15 32	0 42	14 59	1 49	7 13	13 19	7 29	7 19	18 30	13 18	0 30
T 3	22 19	15 58	2 52	13 53	3 34	23 21	0 19	24 21	0 58	8 24	0 59	1 19	2 29	15 32	0 42	14 58	1 48	7 13	13 19	7 32	7 20	18 30	13 19	0 30
F 4	22 26	13 34	1 57	14 12	3 30	23 29	0 21	24 20	0 58	8 22	0 59	1 19	2 29	15 31	0 42	14 58	1 48	7 14	13 19	7 33	7 21	18 31	13 20	0 30
S 5	22 33	10 32	0 55	14 33	3 26	23 36	0 23	24 19	0 58	8 20	0 59	1 19	2 28	15 30	0 42	14 58	1 48	7 14	13 19	7 33	7 22	18 31	13 21	0 31
S 6	22 39	6 58	0n11	14 55	3 21	23 42	0 26	24 18	0 59	8 19	1 0	1 18	2 28	15 30	0 42	14 57	1 48	7 14	13 19	7 33	7 23	18 31	13 22	0 31
M 7	22 45	2 59	1 18	15 18	3 15	23 47	0 28	24 17	0 59	8 17	1 0	1 18	2 28	15 29	0 42	14 57	1 48	7 14	13 19	7 34	7 25	18 32	13 23	0 31
T 8	22 50	1s16	2 23	15 41	3 9	23 52	0 30	24 15	0 59	8 16	1 0	1 18	2 28	15 28	0 42	14 57	1 48	7 14	13 19	7 34	7 26	18 32	13 24	0 31
W 9	22 56	5 36	3 22	16 6	3 2	23 56	0 33	24 14	1 0	8 15	1 1	1 17	2 28	15 27	0 42	14 56	1 48	7 15	13 19	7 35	7 27	18 32	13 25	0 31
T 10	23 0	9 46	4 11	16 31	2 54	24 0	0 35	24 12	1 0	8 13	1 1	1 17	2 27	15 27	0 42	14 56	1 48	7 15	13 20	7 37	7 28	18 32	13 26	0 31
F 11	23 5	13 29	4 45	16 57	2 46	24 2	0 37	24 10	1 0	8 12	1 1	1 16	2 27	15 26	0 42	14 56	1 48	7 15	13 20	7 40	7 29	18 33	13 27	0 31
S 12	23 9	16 25	5 0	17 24	2 38	24 4	0 39	24 7	1 0	8 11	1 1	1 16	2 27	15 25	0 42	14 55	1 48	7 15	13 20	7 44	7 31	18 33	13 27	0 31
S 13	23 12	18 15	4 55	17 51	2 29	24 5	0 41	24 5	1 1	8 10	1 2	1 15	2 27	15 24	0 42	14 55	1 48	7 15	13 20	7 48	7 32	18 33	13 28	0 31
M14	23 15	18 46	4 28	18 18	2 20	24 6	0 44	24 2	1 1	8 9	1 2	1 15	2 26	15 24	0 42	14 55	1 48	7 16	13 20	7 52	7 33	18 34	13 29	0 31
T 15	23 18	17 56	3 43	18 45	2 10	24 6	0 46	23 59	1 1	8 8	1 2	1 14	2 26	15 23	0 42	14 54	1 48	7 16	13 20	7 55	7 34	18 34	13 30	0 31
W16	23 20	15 52	2 43	19 12	2 0	24 5	0 48	23 56	1 1	8 7	1 2	1 13	2 26	15 22	0 42	14 54	1 48	7 16	13 20	7 57	7 35	18 34	13 31	0 32
T 17	23 22	12 51	1 35	19 39	1 49	24 3	0 50	23 53	1 1	8 6	1 3	1 13	2 26	15 21	0 42	14 54	1 48	7 16	13 20	7 58	7 37	18 35	13 32	0 32
F 18	23 23	9 10	0 22	20 6	1 39	24 1	0 52	23 49	1 2	8 6	1 3	1 12	2 26	15 20	0 42	14 53	1 48	7 16	13 20	7 59	7 38	18 35	13 32	0 32
S 19	23 24	5 7	0s50	20 32	1 28	23 58	0 54	23 46	1 2	8 5	1 3	1 11	2 25	15 20	0 42	14 53	1 48	7 16	13 20	7 59	7 39	18 35	13 33	0 32
S 20	23 25	0 57	1 57	20 58	1 17	23 54	0 56	23 42	1 2	8 4	1 4	1 10	2 25	15 19	0 42	14 53	1 48	7 17	13 20	7 58	7 40	18 35	13 34	0 32
M21	23 25	3n 9	2 56	21 23	1 5	23 50	0 58	23 38	1 2	8 4	1 4	1 9	2 25	15 18	0 42	14 53	1 48	7 17	13 20	7 59	7 41	18 36	13 35	0 32
T 22	23 25	7 1	3 45	21 47	0 54	23 44	1 0	23 34	1 2	8 3	1 4	1 9	2 25	15 17	0 42	14 52	1 48	7 17	13 20	8 0	7 43	18 36	13 35	0 32
W23	23 24	10 31	4 23	22 9	0 42	23 39	1 2	23 29	1 3	8 3	1 4	1 8	2 24	15 16	0 42	14 52	1 48	7 17	13 21	8 2	7 44	18 36	13 36	0 32
T 24	23 23	13 31	4 49	22 31	0 31	23 32	1 4	23 25	1 3	8 3	1 5	1 7	2 24	15 15	0 42	14 52	1 48	7 17	13 21	8 5	7 45	18 36	13 37	0 32
F 25	23 22	15 56	5 1	22 51	0 19	23 25	1 5	23 20	1 3	8 3	1 5	1 6	2 24	15 14	0 42	14 52	1 48	7 17	13 21	8 9	7 46	18 37	13 38	0 32
S 26	23 20	17 40	5 1	23 9	0 8	23 17	1 7	23 15	1 3	8 3	1 5	1 5	2 24	15 13	0 42	14 51	1 48	7 17	13 21	8 13	7 47	18 37	13 38	0 33
S 27	23 18	18 37	4 47	23 25	0n 3	23 8	1 9	23 10	1 3	8 2	1 6	1 3	2 23	15 12	0 42	14 51	1 48	7 17	13 21	8 18	7 49	18 37	13 39	0 33
M28	23 15	18 45	4 21	23 38	0 14	22 59	1 10	23 4	1 4	8 2	1 6	1 2	2 23	15 11	0 42	14 51	1 48	7 17	13 21	8 22	7 50	18 37	13 40	0 33
T 29	23 12	18 5	3 43	23 50	0 25	22 49	1 12	22 59	1 4	8 3	1 6	1 1	2 23	15 10	0 42	14 51	1 47	7 17	13 21	8 25	7 51	18 38	13 40	0 33
W30	23n 9	16n36	2s56	23n59	0n35	22n38	1n14	22n53	1n 4	8s 3	1s 7	1n 0	2n23	15n10	0n42	14s51	1n47	7n18	13s21	8n28	7n52	18n38	13n41	0s33

Julian Day Number = 2498447.5, Delta T = 108.03 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'04, Lahiri = 25°39'05

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ASTRODIENST EPHEMERIS for the year 2128
geocentric

JULY 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 25	9♋32'32	15♌ 3	4♋16	24♋25	21♋19	12°R 6	3♎ 2	21♌ 0	15°R48	1♊14	8°R10	9♍48	1♋52	8♉ 9	T 1
F 2	18 41 22	10°29'46	27° 9	6°26	25°38	21°57	12♓ 5	3° 4	21° 3	15♏47	1°15	8♍ 7	9°44	1°58	8°11	F 2
S 3	18 45 18	11°26'59	9♍26	8°37	26°52	22°36	12° 5	3° 7	21° 6	15°46	1°16	8°D 7	9°41	2° 5	8°13	S 3
S 4	18 49 15	12°24'12	21°56	10°48	28° 5	23°15	12° 5	3°10	21° 9	15°45	1°17	8° 7	9°38	2°12	8°15	S 4
M 5	18 53 11	13°21'25	4♎45	12°59	29°19	23°54	12° 4	3°13	21°12	15°45	1°18	8° 8	9°35	2°19	8°17	M 5
T 6	18 57 8	14°18'37	17°56	15° 9	0♌32	24°33	12° 3	3°16	21°15	15°44	1°19	8°R 8	9°32	2°25	8°19	T 6
W 7	19 1 4	15°15'49	1♏32	17°19	1°45	25°12	12° 2	3°19	21°18	15°43	1°20	8° 7	9°29	2°32	8°21	W 7
T 8	19 5 1	16°13'01	15°35	19°28	2°59	25°51	12° 1	3°22	21°22	15°43	1°21	8° 4	9°25	2°39	8°23	T 8
F 9	19 8 57	17°10'13	0♐ 5	21°36	4°12	26°29	11°59	3°26	21°25	15°42	1°22	7°59	9°22	2°45	8°25	F 9
S 10	19 12 54	18° 7'24	14°58	23°42	5°26	27° 8	11°57	3°29	21°28	15°42	1°23	7°52	9°19	2°52	8°27	S 10
S 11	19 16 51	19° 4'35	0♑ 7	25°48	6°39	27°47	11°56	3°33	21°31	15°41	1°24	7°45	9°16	2°59	8°29	S 11
M12	19 20 47	20° 1'47	15°22	27°52	7°53	28°26	11°54	3°36	21°35	15°41	1°25	7°38	9°13	3° 5	8°30	M12
T 13	19 24 44	20°58'58	0♒32	29°54	9° 6	29° 4	11°51	3°40	21°38	15°40	1°26	7°33	9°10	3°12	8°32	T 13
W14	19 28 40	21°56'10	15°28	1♌55	10°19	29°43	11°49	3°44	21°41	15°40	1°27	7°29	9° 6	3°19	8°34	W14
T 15	19 32 37	22°53'22	0♓ 2	3°54	11°33	0♌22	11°46	3°48	21°45	15°39	1°28	7°27	9° 3	3°26	8°35	T 15
F 16	19 36 33	23°50'35	14°10	5°51	12°46	1° 0	11°43	3°52	21°48	15°39	1°29	7°D27	9° 0	3°32	8°37	F 16
S 17	19 40 30	24°47'48	27°50	7°46	13°59	1°39	11°40	3°56	21°51	15°39	1°30	7°28	8°57	3°39	8°38	S 17
S 18	19 44 26	25°45'01	11♈ 3	9°40	15°13	2°18	11°37	4° 0	21°55	15°38	1°31	7°29	8°54	3°46	8°39	S 18
M19	19 48 23	26°42'15	23°52	11°32	16°26	2°56	11°34	4° 4	21°58	15°38	1°32	7°R30	8°50	3°52	8°41	M19
T 20	19 52 20	27°39'30	6♉22	13°21	17°39	3°35	11°30	4° 8	22° 2	15°38	1°33	7°30	8°47	3°59	8°42	T 20
W21	19 56 16	28°36'46	18°36	15°10	18°53	4°14	11°27	4°12	22° 5	15°38	1°33	7°28	8°44	4° 6	8°43	W21
T 22	20 0 13	29°34'02	0♊39	16°56	20° 6	4°52	11°23	4°17	22° 9	15°37	1°34	7°24	8°41	4°13	8°45	T 22
F 23	20 4 9	0♌31'19	12°35	18°40	21°19	5°31	11°19	4°21	22°12	15°37	1°35	7°19	8°38	4°19	8°46	F 23
S 24	20 8 6	1°28'37	24°26	20°23	22°32	6° 9	11°14	4°26	22°16	15°37	1°36	7°13	8°35	4°26	8°47	S 24
S 25	20 12 2	2°25'56	6♋17	22° 4	23°46	6°48	11°10	4°30	22°19	15°37	1°36	7° 7	8°31	4°33	8°48	S 25
M26	20 15 59	3°23'15	18°10	23°43	24°59	7°26	11° 5	4°35	22°23	15°37	1°37	7° 1	8°28	4°39	8°49	M26
T 27	20 19 55	4°20'35	0♌ 6	25°20	26°12	8° 5	11° 1	4°40	22°27	15°D37	1°38	6°56	8°25	4°46	8°50	T 27
W28	20 23 52	5°17'55	12° 7	26°55	27°25	8°43	10°56	4°45	22°30	15°37	1°39	6°52	8°22	4°53	8°51	W28
T 29	20 27 49	6°15'16	24°16	28°29	28°39	9°22	10°51	4°50	22°34	15°37	1°39	6°50	8°19	5° 0	8°51	T 29
F 30	20 31 45	7°12'38	6♍33	0♍ 0	29°52	10° 0	10°46	4°55	22°37	15°37	1°40	6°D49	8°15	5° 6	8°52	F 30
S 31	20 35 42	8♌10'00	19♍ 1	1♍30	1♍ 5	10♌39	10♓40	5♎ 0	22♌41	15♏37	1♊41	6♍50	8♍12	5♋13	8♉53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 5	14n23	2s 0	24n 6	0n45	22n27	1n15	22n47	1n 4	8s 3	1s 7	0n59	2n23	15n 9	0n42	14s50	1n47	7n18	13s22	8n30	7n53	18n38	13n41	0s33
F 2	23 0	11 32	0 58	24 10	0 54	22 15	1 17	22 41	1 4	8 3	1 7	0 57	2 22	15 8	0 42	14 50	1 47	7 18	13 22	8 31	7 55	18 38	13 42	0 33
S 3	22 56	8 8	0n 7	24 11	1 2	22 3	1 18	22 35	1 5	8 4	1 7	0 56	2 22	15 7	0 41	14 50	1 47	7 18	13 22	8 31	7 56	18 39	13 43	0 33
S 4	22 51	4 19	1 14	24 9	1 10	21 49	1 19	22 29	1 5	8 4	1 8	0 55	2 22	15 6	0 41	14 50	1 47	7 18	13 22	8 31	7 57	18 39	13 43	0 33
M 5	22 45	0 14	2 18	24 5	1 18	21 36	1 21	22 22	1 5	8 5	1 8	0 53	2 22	15 5	0 41	14 50	1 47	7 18	13 22	8 31	7 58	18 39	13 44	0 33
T 6	22 39	3s59	3 17	23 57	1 24	21 21	1 22	22 16	1 5	8 5	1 8	0 52	2 22	15 4	0 41	14 50	1 47	7 18	13 22	8 31	7 59	18 39	13 44	0 34
W 7	22 33	8 8	4 7	23 47	1 30	21 6	1 23	22 9	1 5	8 6	1 9	0 51	2 21	15 2	0 41	14 49	1 47	7 18	13 22	8 31	8 1	18 40	13 45	0 34
T 8	22 26	11 58	4 44	23 35	1 35	20 50	1 24	22 2	1 5	8 7	1 9	0 49	2 21	15 1	0 41	14 49	1 47	7 18	13 23	8 32	8 2	18 40	13 45	0 34
F 9	22 19	15 12	5 4	23 20	1 40	20 34	1 25	21 55	1 5	8 8	1 9	0 48	2 21	15 0	0 41	14 49	1 47	7 18	13 23	8 34	8 3	18 40	13 46	0 34
S 10	22 12	17 31	5 5	23 2	1 43	20 17	1 26	21 47	1 6	8 8	1 9	0 46	2 21	14 59	0 41	14 49	1 47	7 18	13 23	8 37	8 4	18 40	13 46	0 34
S 11	22 4	18 41	4 44	22 42	1 46	20 0	1 27	21 40	1 6	8 9	1 10	0 44	2 21	14 58	0 41	14 49	1 47	7 18	13 23	8 39	8 5	18 40	13 47	0 34
M12	21 56	18 30	4 4	22 20	1 48	19 42	1 28	21 32	1 6	8 11	1 10	0 43	2 20	14 57	0 41	14 49	1 47	7 18	13 23	8 42	8 7	18 41	13 47	0 34
T 13	21 47	17 0	3 6	21 56	1 49	19 24	1 29	21 24	1 6	8 12	1 10	0 41	2 20	14 56	0 41	14 49	1 47	7 18	13 23	8 44	8 8	18 41	13 48	0 34
W14	21 38	14 20	1 56	21 30	1 50	19 5	1 29	21 16	1 6	8 13	1 11	0 40	2 20	14 55	0 41	14 49	1 47	7 18	13 24	8 45	8 9	18 41	13 48	0 34
T 15	21 29	10 49	0 40	21 3	1 50	18 45	1 30	21 8	1 6	8 14	1 11	0 38	2 20	14 54	0 41	14 49	1 47	7 18	13 24	8 46	8 10	18 41	13 48	0 35
F 16	21 19	6 47	0s36	20 34	1 49	18 25	1 31	21 0	1 6	8 15	1 11	0 36	2 20	14 53	0 41	14 49	1 47	7 18	13 24	8 46	8 11	18 41	13 49	0 35
S 17	21 9	2 31	1 48	20 3	1 48	18 4	1 31	20 51	1 7	8 17	1 11	0 34	2 19	14 52	0 41	14 49	1 47	7 18	13 24	8 46	8 13	18 42	13 49	0 35
S 18	20 59	1n44	2 52	19 31	1 46	17 43	1 32	20 43	1 7	8 18	1 12	0 33	2 19	14 51	0 41	14 49	1 46	7 18	13 24	8 45	8 14	18 42	13 50	0 35
M19	20 48	5 46	3 45	18 58	1 43	17 22	1 32	20 34	1 7	8 20	1 12	0 31	2 19	14 49	0 41	14 49	1 46	7 18	13 25	8 45	8 15	18 42	13 50	0 35
T 20	20 37	9 26	4 26	18 24	1 40	17 0	1 32	20 25	1 7	8 21	1 12	0 29	2 19	14 48	0 41	14 49	1 46	7 18	13 25	8 45	8 16	18 42	13 50	0 35
W21	20 25	12 38	4 54	17 49	1 36	16 37	1 33	20 16	1 7	8 23	1 13	0 27	2 19	14 47	0 41	14 49	1 46	7 18	13 25	8 46	8 17	18 42	13 50	0 35
T 22	20 14	15 14	5 8	17 13	1 32	16 14	1 33	20 7	1 7	8 25	1 13	0 25	2 18	14 46	0 41	14 49	1 46	7 18	13 25	8 47	8 18	18 43	13 51	0 35
F 23	20 1	17 10	5 9	16 36	1 27	15 51	1 33	19 58	1 7	8 27	1 13	0 23	2 18	14 45	0 41	14 49	1 46	7 18	13 25	8 49	8 20	18 43	13 51	0 35
S 24	19 49	18 22	4 57	15 59	1 22	15 27	1 33	19 48	1 7	8 28	1 13	0 21	2 18	14 44	0 41	14 49	1 46	7 18	13 26	8 51	8 21	18 43	13 51	0 36
S 25	19 36	18 45	4 32	15 21	1 17	15 3	1 33	19 39	1 7	8 30	1 14	0 19	2 18	14 43	0 41	14 49	1 46	7 18	13 26	8 53	8 22	18 43	13 51	0 36
M26	19 23	18 19	3 55	14 43	1 10	14 39	1 33	19 29	1 8	8 32	1 14	0 17	2 18	14 41	0 41	14 49	1 46	7 18	13 26	8 56	8 23	18 43	13 52	0 36
T 27	19 10	17 4	3 7	14 4	1 4	14 14	1 33	19 19	1 8	8 34	1 14	0 15	2 17	14 40	0 41	14 49	1 46	7 17	13 26	8 58	8 24	18 43	13 52	0 36
W28	18 56	15 3	2 11	13 25	0 57	13 48	1 33	19 9	1 8	8 36	1 14	0 13	2 17	14 39	0 41	14 49	1 46	7 17	13 26	8 59	8 26	18 44	13 52	0 36
T 29	18 42	12 21	1 8	12 46	0 50	13 23	1 32	18 59	1 8	8 39	1 15	0 11	2 17	14 38	0 41	14 49	1 46	7 17	13 27	9 0	8 27	18 44	13 52	0 36
F 30	18 27	9 5	0 1	12 7	0 42	12 57	1 32	18 49	1 8	8 41	1 15	0 9	2 17	14 37	0 41	14 49	1 46	7 17	13 27	9 0	8 28	18 44	13 52	0 36
S 31	18n13	5n22	1n 6	11n28	0n34	12n30	1n32	18n39	1n 8	8s43	1s15	0n 7	2n17	14n35	0n41	14s49	1n46	7n17	13s27	9n 0	8n29	18n44	13n52	0s36

Julian Day Number = 2498477.5, Delta T = 108.08 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'09, Lahiri = 25°39'09

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2128
geocentric

AUGUST 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 38	9♌ 7'23	1♎42	2♍58	2♍18	11♌17	10°R35	5♎ 5	22♌45	15♏37	1♊41	6♍51	8♍ 9	5♋20	8♉54	S 1
M 2	20 43 35	10° 4'47	14°39	4°24	3°31	11°56	10♓29	5°10	22°48	15°37	1°42	6°53	8° 6	5°26	8°54	M 2
T 3	20 47 31	11° 2'11	27°54	5°49	4°44	12°34	10°23	5°15	22°52	15°38	1°42	6°54	8° 3	5°33	8°55	T 3
W 4	20 51 28	11°59'35	11♏28	7°11	5°57	13°12	10°17	5°21	22°56	15°38	1°43	6°R54	8° 0	5°40	8°55	W 4
T 5	20 55 24	12°57'01	25°24	8°31	7°11	13°51	10°11	5°26	22°59	15°38	1°44	6°54	7°56	5°46	8°56	T 5
F 6	20 59 21	13°54'27	9♐41	9°50	8°24	14°29	10° 5	5°31	23° 3	15°38	1°44	6°52	7°53	5°53	8°56	F 6
S 7	21 3 18	14°51'53	24°16	11° 6	9°37	15° 8	9°59	5°37	23° 7	15°39	1°45	6°50	7°50	6° 0	8°56	S 7
S 8	21 7 14	15°49'20	9♑ 5	12°20	10°50	15°46	9°52	5°42	23°10	15°39	1°45	6°47	7°47	6° 7	8°57	S 8
M 9	21 11 11	16°46'49	24° 2	13°32	12° 3	16°24	9°45	5°48	23°14	15°39	1°46	6°45	7°44	6°13	8°57	M 9
T 10	21 15 7	17°44'17	8♒57	14°42	13°16	17° 3	9°39	5°54	23°18	15°40	1°46	6°43	7°41	6°20	8°57	T 10
W11	21 19 4	18°41'47	23°43	15°49	14°29	17°41	9°32	6° 0	23°22	15°40	1°46	6°42	7°37	6°27	8°57	W11
T 12	21 23 0	19°39'18	8♓13	16°54	15°42	18°19	9°25	6° 5	23°25	15°41	1°47	6°D41	7°34	6°33	8°R57	T 12
F 13	21 26 57	20°36'51	22°20	17°57	16°54	18°57	9°18	6°11	23°29	15°41	1°47	6°42	7°31	6°40	8°57	F 13
S 14	21 30 53	21°34'24	6♈ 3	18°57	18° 7	19°36	9°11	6°17	23°33	15°42	1°48	6°43	7°28	6°47	8°57	S 14
S 15	21 34 50	22°31'59	19°21	19°54	19°20	20°14	9° 4	6°23	23°37	15°42	1°48	6°44	7°25	6°54	8°57	S 15
M16	21 38 47	23°29'35	2♉15	20°48	20°33	20°52	8°56	6°29	23°40	15°43	1°48	6°45	7°21	7° 0	8°57	M16
T 17	21 42 43	24°27'13	14°49	21°39	21°46	21°31	8°49	6°35	23°44	15°44	1°49	6°46	7°18	7° 7	8°57	T 17
W18	21 46 40	25°24'52	27° 5	22°27	22°59	22° 9	8°42	6°41	23°48	15°44	1°49	6°R46	7°15	7°14	8°56	W18
T 19	21 50 36	26°22'33	9♊ 8	23°12	24°12	22°47	8°34	6°47	23°51	15°45	1°49	6°45	7°12	7°20	8°56	T 19
F 20	21 54 33	27°20'15	21° 4	23°53	25°24	23°25	8°27	6°54	23°55	15°46	1°49	6°45	7° 9	7°27	8°56	F 20
S 21	21 58 29	28°17'59	2♋55	24°30	26°37	24° 4	8°19	7° 0	23°59	15°47	1°50	6°44	7° 6	7°34	8°55	S 21
S 22	22 2 26	29°15'45	14°47	25° 4	27°50	24°42	8°11	7° 6	24° 3	15°47	1°50	6°43	7° 2	7°40	8°55	S 22
M23	22 6 22	0♍13'32	26°43	25°33	29° 3	25°20	8° 3	7°13	24° 6	15°48	1°50	6°42	6°59	7°47	8°54	M23
T 24	22 10 19	1°11'21	8♌45	25°58	0♎15	25°58	7°56	7°19	24°10	15°49	1°50	6°41	6°56	7°54	8°53	T 24
W25	22 14 16	2° 9'11	20°55	26°18	1°28	26°37	7°48	7°25	24°14	15°50	1°50	6°41	6°53	8° 1	8°53	W25
T 26	22 18 12	3° 7'02	3♍17	26°33	2°41	27°15	7°40	7°32	24°18	15°51	1°51	6°D40	6°50	8° 7	8°52	T 26
F 27	22 22 9	4° 4'55	15°51	26°43	3°53	27°53	7°32	7°39	24°21	15°52	1°51	6°40	6°47	8°14	8°51	F 27
S 28	22 26 5	5° 2'50	28°38	26°R47	5° 6	28°31	7°24	7°45	24°25	15°53	1°51	6°41	6°43	8°21	8°50	S 28
S 29	22 30 2	6° 0'46	11♎38	26°46	6°18	29° 9	7°16	7°52	24°29	15°54	1°51	6°41	6°40	8°27	8°49	S 29
M30	22 33 58	6°58'43	24°53	26°39	7°31	29°48	7° 8	7°58	24°32	15°55	1°51	6°R41	6°37	8°34	8°48	M30
T 31	22 37 55	7♍56'41	8♏21	26♍26	8♎44	0♍26	7♓ 0	8♎ 5	24♌36	15♏56	1♊51	6♍41	6♍34	8♋41	8♉47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n58	1n21	2n12	10n48	0n26	12n 4	1n31	18n28	1n 8	8s45	1s15	0n 4	2n17	14n34	0n41	14s49	1n46	7n17	13s27	8n59	8n30	18n44	13n53	0s36
M 2	17 42	2s48	3 13	10 9	0 17	11 37	1 30	18 17	1 8	8 48	1 16	0 2	2 16	14 33	0 41	14 49	1 46	7 17	13 28	8 59	8 32	18 44	13 53	0 37
T 3	17 27	6 54	4 5	9 30	0 8	11 9	1 30	18 7	1 8	8 50	1 16	0 0	2 16	14 32	0 41	14 49	1 46	7 17	13 28	8 58	8 33	18 44	13 53	0 37
W 4	17 11	10 45	4 44	8 51	0s 1	10 42	1 29	17 56	1 8	8 53	1 16	0s 2	2 16	14 31	0 41	14 49	1 45	7 17	13 28	8 58	8 34	18 45	13 53	0 37
T 5	16 55	14 6	5 8	8 13	0 10	10 14	1 28	17 45	1 8	8 55	1 16	0 4	2 16	14 29	0 41	14 50	1 45	7 17	13 28	8 58	8 35	18 45	13 53	0 37
F 6	16 38	16 42	5 14	7 34	0 20	9 46	1 27	17 34	1 8	8 58	1 16	0 7	2 16	14 28	0 41	14 50	1 45	7 16	13 29	8 59	8 36	18 45	13 53	0 37
S 7	16 22	18 18	5 0	6 56	0 30	9 18	1 26	17 23	1 8	9 0	1 17	0 9	2 16	14 27	0 41	14 50	1 45	7 16	13 29	9 0	8 37	18 45	13 53	0 37
S 8	16 5	18 41	4 26	6 19	0 40	8 49	1 25	17 11	1 9	9 3	1 17	0 11	2 16	14 26	0 41	14 50	1 45	7 16	13 29	9 1	8 39	18 45	13 53	0 37
M 9	15 48	17 46	3 34	5 42	0 50	8 20	1 24	17 0	1 9	9 6	1 17	0 14	2 15	14 25	0 41	14 50	1 45	7 16	13 29	9 2	8 40	18 45	13 53	0 37
T 10	15 30	15 38	2 27	5 6	1 0	7 51	1 23	16 48	1 9	9 8	1 17	0 16	2 15	14 23	0 41	14 50	1 45	7 16	13 29	9 2	8 41	18 45	13 53	0 37
W11	15 13	12 29	1 11	4 30	1 11	7 22	1 22	16 37	1 9	9 11	1 17	0 19	2 15	14 22	0 41	14 51	1 45	7 16	13 30	9 3	8 42	18 45	13 53	0 38
T 12	14 55	8 37	0s 8	3 55	1 21	6 52	1 21	16 25	1 9	9 14	1 18	0 21	2 15	14 21	0 41	14 51	1 45	7 16	13 30	9 3	8 43	18 46	13 52	0 38
F 13	14 37	4 21	1 25	3 21	1 32	6 23	1 19	16 13	1 9	9 17	1 18	0 23	2 15	14 20	0 41	14 51	1 45	7 15	13 30	9 3	8 45	18 46	13 52	0 38
S 14	14 18	0n 2	2 35	2 48	1 43	5 53	1 18	16 1	1 9	9 20	1 18	0 26	2 15	14 18	0 41	14 51	1 45	7 15	13 30	9 2	8 46	18 46	13 52	0 38
S 15	14 0	4 15	3 35	2 15	1 54	5 23	1 16	15 49	1 9	9 22	1 18	0 28	2 15	14 17	0 41	14 51	1 45	7 15	13 31	9 2	8 47	18 46	13 52	0 38
M16	13 41	8 9	4 21	1 44	2 5	4 53	1 15	15 37	1 9	9 25	1 18	0 31	2 14	14 16	0 41	14 52	1 45	7 15	13 31	9 2	8 48	18 46	13 52	0 38
T 17	13 22	11 35	4 54	1 14	2 15	4 23	1 13	15 25	1 9	9 28	1 19	0 33	2 14	14 15	0 41	14 52	1 45	7 15	13 31	9 1	8 49	18 46	13 52	0 38
W18	13 2	14 25	5 12	0 45	2 26	3 52	1 11	15 12	1 9	9 31	1 19	0 36	2 14	14 14	0 41	14 52	1 45	7 14	13 31	9 1	8 50	18 46	13 52	0 38
T 19	12 43	16 35	5 16	0 18	2 37	3 22	1 9	15 0	1 9	9 34	1 19	0 38	2 14	14 12	0 41	14 52	1 45	7 14	13 32	9 1	8 52	18 46	13 51	0 39
F 20	12 23	18 1	5 7	0s 8	2 48	2 51	1 8	14 47	1 9	9 37	1 19	0 41	2 14	14 11	0 41	14 53	1 45	7 14	13 32	9 2	8 53	18 46	13 51	0 39
S 21	12 3	18 39	4 44	0 33	2 58	2 21	1 6	14 35	1 9	9 40	1 19	0 44	2 14	14 10	0 41	14 53	1 44	7 14	13 32	9 2	8 54	18 46	13 51	0 39
S 22	11 43	18 28	4 10	0 55	3 8	1 50	1 4	14 22	1 9	9 43	1 19	0 46	2 14	14 9	0 41	14 53	1 44	7 14	13 32	9 2	8 55	18 46	13 51	0 39
M23	11 23	17 28	3 24	1 16	3 18	1 19	1 2	14 9	1 9	9 46	1 19	0 49	2 14	14 7	0 41	14 53	1 44	7 13	13 33	9 3	8 56	18 47	13 50	0 39
T 24	11 3	15 40	2 29	1 35	3 28	0 48	0 59	13 56	1 9	9 49	1 19	0 51	2 14	14 6	0 41	14 54	1 44	7 13	13 33	9 3	8 58	18 47	13 50	0 39
W25	10 42	13 9	1 26	1 51	3 37	0 18	0 57	13 43	1 9	9 52	1 20	0 54	2 13	14 5	0 41	14 54	1 44	7 13	13 33	9 3	8 59	18 47	13 50	0 39
T 26	10 21	10 0	0 19	2 5	3 46	0s13	0 55	13 30	1 9	9 55	1 20	0 57	2 13	14 4	0 41	14 54	1 44	7 13	13 33	9 3	9 0	18 47	13 49	0 39
F 27	10 0	6 21	0n51	2 17	3 54	0 44	0 53	13 17	1 9	9 58	1 20	0 59	2 13	14 2	0 41	14 55	1 44	7 13	13 34	9 3	9 1	18 47	13 49	0 39
S 28	9 39	2 22	1 59	2 26	4 2	1 15	0 50	13 4	1 9	10 1	1 20	1 2	2 13	14 1	0 41	14 55	1 44	7 12	13 34	9 3	9 2	18 47	13 49	0 40
S 29	9 18	1s48	3 2	2 31	4 9	1 46	0 48	12 50	1 9	10 4	1 20	1 5	2 13	14 0	0 41	14 55	1 44	7 12	13 34	9 3	9 3	18 47	13 48	0 40
M30	8 57	5 57	3 57	2 34	4 15	2 17	0 45	12 37	1 9	10 7	1 20	1 7	2 13	13 59	0 41	14 56	1 44	7 12	13 34	9 3	9 5	18 47	13 48	0 40
T 31	8n35	9s52	4n39	2s33	4s20	2s48	0n43	12n23	1n 9	10s10	1s20	1s10	2n13	13n58	0n41	14s56	1n44	7n12	13s35	9n 3	9n 6	18n47	13n47	0s40

Julian Day Number = 2498508.5, Delta T = 108.13 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'13, Lahiri = 25°39'13

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ASTRODIENST EPHEMERIS for the year 2128
geocentric

SEPTEMBER 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 41 51	8♍54'41	22♏ 4	26°R 7	9♎56	1♍ 4	6°R53	8♎12	24♌40	15♏57	1°R51	6°R40	6♍31	8♋47	8°R46	W 1
T 2	22 45 48	9°52'43	5♐59	25♍41	11° 9	1°42	6♓45	8°19	24°43	15°58	1♊51	6°D40	6°27	8°54	8♉45	T 2
F 3	22 49 45	10°50'45	20° 8	25°10	12°21	2°20	6°37	8°25	24°47	15°59	1°51	6♍40	6°24	9° 1	8°44	F 3
S 4	22 53 41	11°48'49	4♑27	24°33	13°33	2°59	6°29	8°32	24°51	16° 0	1°51	6°41	6°21	9° 8	8°43	S 4
S 5	22 57 38	12°46'55	18°53	23°50	14°46	3°37	6°21	8°39	24°54	16° 2	1°51	6°41	6°18	9°14	8°42	S 5
M 6	23 1 34	13°45'01	3♒24	23° 3	15°58	4°15	6°13	8°46	24°58	16° 3	1°51	6°42	6°15	9°21	8°40	M 6
T 7	23 5 31	14°43'09	17°54	22°11	17°10	4°53	6° 6	8°53	25° 1	16° 4	1°50	6°42	6°12	9°28	8°39	T 7
W 8	23 9 27	15°41'19	2♓17	21°15	18°23	5°31	5°58	9° 0	25° 5	16° 5	1°50	6°R43	6° 8	9°34	8°38	W 8
T 9	23 13 24	16°39'30	16°29	20°17	19°35	6° 9	5°50	9° 7	25° 8	16° 7	1°50	6°43	6° 5	9°41	8°36	T 9
F 10	23 17 20	17°37'43	0♈26	19°17	20°47	6°47	5°43	9°14	25°12	16° 8	1°50	6°42	6° 2	9°48	8°35	F 10
S 11	23 21 17	18°35'58	14° 3	18°18	21°59	7°26	5°35	9°21	25°15	16°10	1°50	6°41	5°59	9°54	8°33	S 11
S 12	23 25 13	19°34'15	27°19	17°19	23°11	8° 4	5°28	9°28	25°19	16°11	1°50	6°39	5°56	10° 1	8°31	S 12
M13	23 29 10	20°32'34	10♉14	16°23	24°24	8°42	5°20	9°35	25°22	16°12	1°49	6°37	5°52	10° 8	8°30	M13
T 14	23 33 7	21°30'54	22°49	15°32	25°36	9°20	5°13	9°42	25°26	16°14	1°49	6°35	5°49	10°15	8°28	T 14
W15	23 37 3	22°29'17	5♊ 7	14°45	26°48	9°58	5° 6	9°50	25°29	16°15	1°49	6°34	5°46	10°21	8°26	W15
T 16	23 41 0	23°27'42	17°12	14° 5	28° 0	10°36	4°58	9°57	25°33	16°17	1°48	6°33	5°43	10°28	8°24	T 16
F 17	23 44 56	24°26'10	29° 8	13°32	29°12	11°14	4°51	10° 4	25°36	16°18	1°48	6°D33	5°40	10°35	8°23	F 17
S 18	23 48 53	25°24'39	11♋ 0	13° 7	0♏24	11°52	4°45	10°11	25°40	16°20	1°48	6°34	5°37	10°41	8°21	S 18
S 19	23 52 49	26°23'10	22°52	12°52	1°35	12°31	4°38	10°18	25°43	16°21	1°47	6°35	5°33	10°48	8°19	S 19
M20	23 56 46	27°21'44	4♌50	12°D45	2°47	13° 9	4°31	10°26	25°46	16°23	1°47	6°37	5°30	10°55	8°17	M20
T 21	0 0 42	28°20'19	16°56	12°49	3°59	13°47	4°24	10°33	25°50	16°25	1°47	6°38	5°27	11° 1	8°15	T 21
W22	0 4 39	29°18'57	29°16	13° 2	5°11	14°25	4°18	10°40	25°53	16°26	1°46	6°39	5°24	11° 8	8°13	W22
T 23	0 8 36	0♎17'37	11♍51	13°24	6°23	15° 3	4°11	10°47	25°56	16°28	1°46	6°R39	5°21	11°15	8°11	T 23
F 24	0 12 32	1°16'19	24°42	13°56	7°35	15°41	4° 5	10°55	25°59	16°30	1°45	6°38	5°18	11°22	8° 8	F 24
S 25	0 16 29	2°15'02	7♎51	14°37	8°46	16°19	3°59	11° 2	26° 3	16°31	1°45	6°36	5°14	11°28	8° 6	S 25
S 26	0 20 25	3°13'48	21°17	15°26	9°58	16°58	3°53	11° 9	26° 6	16°33	1°44	6°32	5°11	11°35	8° 4	S 26
M27	0 24 22	4°12'36	4♏57	16°23	11°10	17°36	3°47	11°17	26° 9	16°35	1°44	6°28	5° 8	11°42	8° 2	M27
T 28	0 28 18	5°11'25	18°49	17°27	12°21	18°14	3°42	11°24	26°12	16°37	1°43	6°24	5° 5	11°48	7°59	T 28
W29	0 32 15	6°10'16	2♐50	18°38	13°33	18°52	3°36	11°31	26°15	16°38	1°43	6°20	5° 2	11°55	7°57	W29
T 30	0 36 11	7♎ 9'09	16♐57	19♍55	14♏44	19♍30	3♓31	11♎39	26♌18	16♏40	1♊42	6♍17	4♍58	12♋ 2	7♉55	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n13	13s19	5n 7	2s29	4s24	3s19	0n40	12n10	1n 9	10s13	1s20	1s13	2n13	13n56	0n41	14s56	1n44	7n11	13s35	9n 3	9n 7	18n47	13n47	0s40
T 2	7 52	16 5	5 17	2 22	4 26	3 50	0 38	11 56	1 9	10 16	1 20	1 16	2 13	13 55	0 41	14 57	1 44	7 11	13 35	9 3	9 8	18 47	13 46	0 40
F 3	7 30	17 55	5 9	2 10	4 27	4 20	0 35	11 42	1 9	10 19	1 20	1 18	2 13	13 54	0 41	14 57	1 44	7 11	13 35	9 3	9 9	18 47	13 46	0 40
S 4	7 8	18 40	4 41	1 55	4 27	4 51	0 32	11 29	1 9	10 22	1 20	1 21	2 13	13 53	0 41	14 58	1 44	7 11	13 36	9 3	9 10	18 47	13 45	0 40
S 5	6 45	18 12	3 55	1 37	4 25	5 22	0 30	11 15	1 9	10 25	1 21	1 24	2 13	13 52	0 41	14 58	1 44	7 10	13 36	9 3	9 12	18 47	13 45	0 40
M 6	6 23	16 33	2 54	1 14	4 21	5 52	0 27	11 1	1 9	10 28	1 21	1 27	2 12	13 50	0 41	14 58	1 44	7 10	13 36	9 3	9 13	18 47	13 44	0 41
T 7	6 1	13 50	1 42	0 49	4 15	6 22	0 24	10 47	1 9	10 31	1 21	1 29	2 12	13 49	0 41	14 59	1 44	7 10	13 36	9 3	9 14	18 47	13 44	0 41
W 8	5 38	10 16	0 25	0 20	4 8	6 53	0 21	10 33	1 9	10 34	1 21	1 32	2 12	13 48	0 41	14 59	1 44	7 10	13 37	9 3	9 15	18 47	13 43	0 41
T 9	5 16	6 9	0s54	0n12	3 58	7 23	0 18	10 19	1 9	10 37	1 21	1 35	2 12	13 47	0 41	15 0	1 43	7 9	13 37	9 3	9 16	18 47	13 43	0 41
F 10	4 53	1 47	2 8	0 46	3 46	7 53	0 15	10 5	1 9	10 40	1 21	1 38	2 12	13 46	0 41	15 0	1 43	7 9	13 37	9 3	9 17	18 47	13 42	0 41
S 11	4 30	2n35	3 12	1 21	3 33	8 22	0 12	9 50	1 9	10 42	1 21	1 41	2 12	13 45	0 41	15 1	1 43	7 9	13 37	9 3	9 19	18 47	13 41	0 41
S 12	4 8	6 42	4 5	1 58	3 18	8 52	0 9	9 36	1 9	10 45	1 21	1 43	2 12	13 43	0 41	15 1	1 43	7 8	13 38	9 4	9 20	18 47	13 41	0 41
M13	3 45	10 23	4 43	2 35	3 2	9 22	0 6	9 22	1 9	10 48	1 21	1 46	2 12	13 42	0 41	15 1	1 43	7 8	13 38	9 5	9 21	18 47	13 40	0 41
T 14	3 22	13 31	5 7	3 11	2 44	9 51	0 3	9 8	1 9	10 51	1 21	1 49	2 12	13 41	0 41	15 2	1 43	7 8	13 38	9 5	9 22	18 47	13 40	0 42
W15	2 59	15 57	5 16	3 46	2 25	10 20	0s 1	8 53	1 9	10 53	1 21	1 52	2 12	13 40	0 41	15 2	1 43	7 8	13 38	9 6	9 23	18 47	13 39	0 42
T 16	2 36	17 39	5 11	4 19	2 6	10 49	0 4	8 39	1 9	10 56	1 21	1 55	2 12	13 39	0 42	15 3	1 43	7 7	13 39	9 6	9 24	18 47	13 38	0 42
F 17	2 13	18 33	4 52	4 50	1 46	11 17	0 7	8 24	1 9	10 58	1 21	1 58	2 12	13 38	0 42	15 3	1 43	7 7	13 39	9 6	9 26	18 47	13 38	0 42
S 18	1 49	18 38	4 21	5 18	1 27	11 46	0 10	8 10	1 8	11 1	1 21	2 0	2 12	13 37	0 42	15 4	1 43	7 7	13 39	9 6	9 27	18 47	13 37	0 42
S 19	1 26	17 53	3 39	5 42	1 7	12 14	0 14	7 55	1 8	11 3	1 21	2 3	2 12	13 35	0 42	15 4	1 43	7 6	13 39	9 5	9 28	18 47	13 36	0 42
M20	1 3	16 21	2 47	6 2	0 48	12 42	0 17	7 40	1 8	11 6	1 21	2 6	2 12	13 34	0 42	15 5	1 43	7 6	13 40	9 5	9 29	18 47	13 35	0 42
T 21	0 40	14 3	1 47	6 18	0 29	13 9	0 20	7 25	1 8	11 8	1 20	2 9	2 12	13 33	0 42	15 5	1 43	7 6	13 40	9 4	9 30	18 47	13 35	0 42
W22	0 16	11 5	0 41	6 29	0 11	13 37	0 24	7 11	1 8	11 10	1 20	2 12	2 12	13 32	0 42	15 6	1 43	7 6	13 40	9 4	9 31	18 47	13 34	0 42
T 23	0s 7	7 33	0n29	6 36	0n 6	14 4	0 27	6 56	1 8	11 13	1 20	2 15	2 12	13 31	0 42	15 6	1 43	7 5	13 40	9 4	9 33	18 47	13 33	0 43
F 24	0 30	3 36	1 38	6 39	0 21	14 30	0 30	6 41	1 8	11 15	1 20	2 18	2 12	13 30	0 42	15 7	1 43	7 5	13 40	9 4	9 34	18 47	13 32	0 43
S 25	0 54	0s37	2 43	6 37	0 36	14 57	0 34	6 26	1 8	11 17	1 20	2 21	2 12	13 29	0 42	15 7	1 43	7 5	13 41	9 5	9 35	18 47	13 31	0 43
S 26	1 17	4 53	3 41	6 30	0 49	15 23	0 37	6 11	1 8	11 19	1 20	2 23	2 12	13 28	0 42	15 8	1 43	7 4	13 41	9 6	9 36	18 47	13 31	0 43
M27	1 40	8 58	4 27	6 19	1 1	15 49	0 41	5 56	1 8	11 21	1 20	2 26	2 12	13 27	0 42	15 8	1 43	7 4	13 41	9 8	9 37	18 47	13 30	0 43
T 28	2 4	12 37	4 58	6 4	1 12	16 14	0 44	5 41	1 8	11 23	1 20	2 29	2 12	13 26	0 42	15 9	1 43	7 4	13 41	9 9	9 38	18 47	13 29	0 43
W29	2 27	15 36	5 12	5 45	1 22	16 39	0 47	5 26	1 8	11 25	1 20	2 32	2 12	13 25	0 42	15 9	1 43	7 3	13 42	9 11	9 40	18 47	13 28	0 43
T 30	2s50	17s41	5n 7	5n22	1n30	17s 3	0s51	5n11	1n 8	11s27	1s20	2s35	2n12	13n24	0n42	15s10	1n43	7n 3	13s42	9n12	9n41	18n47	13n27	0s43

Julian Day Number = 2498539.5, Delta T = 108.18 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'17, Lahiri = 25°39'18

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ASTRODIENST EPHEMERIS for the year 2128
geocentric

OCTOBER 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 40 8	8♎ 8'04	1♉ 7	21♍18	15♏56	20♍ 8	3°R26	11♎46	26♌21	16♏42	1°R41	6°R16	4♍55	12♋ 8	7°R52	F 1
S 2	0 44 5	9° 7'01	15°18	22°44	17° 7	20°46	3♓20	11°54	26°24	16°44	1♊41	6°D16	4°52	12°15	7♉50	S 2
S 3	0 48 1	10° 5'59	29°28	24°15	18°18	21°24	3°16	12° 1	26°27	16°46	1°40	6♍17	4°49	12°22	7°47	S 3
M 4	0 51 58	11° 4'59	13♒35	25°49	19°30	22° 3	3°11	12° 8	26°30	16°48	1°40	6°19	4°46	12°28	7°45	M 4
T 5	0 55 54	12° 4'00	27°38	27°26	20°41	22°41	3° 6	12°16	26°33	16°50	1°39	6°20	4°43	12°35	7°42	T 5
W 6	0 59 51	13° 3'03	11♓34	29° 6	21°52	23°19	3° 2	12°23	26°36	16°52	1°38	6°R20	4°39	12°42	7°40	W 6
T 7	1 3 47	14° 2'08	25°21	0♎47	23° 3	23°57	2°58	12°31	26°39	16°53	1°38	6°18	4°36	12°49	7°37	T 7
F 8	1 7 44	15° 1'16	8♈56	2°29	24°14	24°35	2°54	12°38	26°41	16°55	1°37	6°15	4°33	12°55	7°35	F 8
S 9	1 11 40	16° 0'25	22°17	4°13	25°25	25°13	2°50	12°45	26°44	16°57	1°36	6°10	4°30	13° 2	7°32	S 9
S 10	1 15 37	16°59'36	5♉23	5°58	26°36	25°51	2°46	12°53	26°47	16°59	1°35	6° 3	4°27	13° 9	7°29	S 10
M11	1 19 33	17°58'49	18°11	7°43	27°47	26°29	2°43	13° 0	26°50	17° 1	1°35	5°56	4°23	13°15	7°27	M11
T 12	1 23 30	18°58'05	0♊43	9°28	28°58	27° 8	2°39	13° 7	26°52	17° 3	1°34	5°48	4°20	13°22	7°24	T 12
W13	1 27 27	19°57'22	13° 0	11°14	0♐ 9	27°46	2°36	13°15	26°55	17° 5	1°33	5°42	4°17	13°29	7°21	W13
T 14	1 31 23	20°56'42	25° 5	12°59	1°20	28°24	2°33	13°22	26°57	17° 8	1°32	5°36	4°14	13°35	7°19	T 14
F 15	1 35 20	21°56'05	7♋ 0	14°44	2°30	29° 2	2°31	13°29	27° 0	17°10	1°31	5°33	4°11	13°42	7°16	F 15
S 16	1 39 16	22°55'29	18°51	16°29	3°41	29°40	2°28	13°37	27° 2	17°12	1°31	5°D32	4° 8	13°49	7°13	S 16
S 17	1 43 13	23°54'56	0♌42	18°14	4°52	0♎18	2°26	13°44	27° 5	17°14	1°30	5°32	4° 4	13°55	7°10	S 17
M18	1 47 9	24°54'25	12°39	19°58	6° 2	0°56	2°24	13°51	27° 7	17°16	1°29	5°33	4° 1	14° 2	7° 7	M18
T 19	1 51 6	25°53'57	24°47	21°42	7°12	1°35	2°22	13°59	27°10	17°18	1°28	5°34	3°58	14° 9	7° 5	T 19
W20	1 55 2	26°53'30	7♍10	23°25	8°23	2°13	2°20	14° 6	27°12	17°20	1°27	5°R35	3°55	14°16	7° 2	W20
T 21	1 58 59	27°53'06	19°52	25° 7	9°33	2°51	2°19	14°13	27°14	17°22	1°26	5°33	3°52	14°22	6°59	T 21
F 22	2 2 56	28°52'44	2♎57	26°50	10°43	3°29	2°17	14°20	27°16	17°24	1°25	5°30	3°49	14°29	6°56	F 22
S 23	2 6 52	29°52'24	16°24	28°31	11°54	4° 7	2°16	14°28	27°19	17°27	1°24	5°25	3°45	14°36	6°53	S 23
S 24	2 10 49	0♏52'07	0♏13	0♏12	13° 4	4°45	2°15	14°35	27°21	17°29	1°23	5°17	3°42	14°42	6°50	S 24
M25	2 14 45	1°51'51	14°21	1°52	14°14	5°24	2°14	14°42	27°23	17°31	1°22	5° 8	3°39	14°49	6°47	M25
T 26	2 18 42	2°51'37	28°42	3°32	15°24	6° 2	2°14	14°49	27°25	17°33	1°21	4°58	3°36	14°56	6°44	T 26
W27	2 22 38	3°51'25	13♐10	5°11	16°33	6°40	2°14	14°56	27°27	17°35	1°20	4°49	3°33	15° 2	6°42	W27
T 28	2 26 35	4°51'15	27°39	6°50	17°43	7°18	2°D13	15° 3	27°29	17°37	1°19	4°42	3°29	15° 9	6°39	T 28
F 29	2 30 31	5°51'07	12♑ 3	8°28	18°53	7°56	2°13	15°11	27°31	17°40	1°18	4°37	3°26	15°16	6°36	F 29
S 30	2 34 28	6°51'00	26°19	10° 6	20° 3	8°35	2°14	15°18	27°33	17°42	1°17	4°35	3°23	15°22	6°33	S 30
S 31	2 38 25	7♏50'55	10♒24	11♏43	21♐12	9♎13	2♓14	15♎25	27♌34	17♏44	1♊16	4°D35	3♍20	15♋29	6♉30	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s13	18s41	4n44	4n56	1n37	17s28	0s54	4n56	1n 8	11s29	1s20	2s38	2n12	13n23	0n42	15s11	1n43	7n 3	13s42	9n12	9n42	18n47	13n26	0s43
S 2	3 37	18 31	4 3	4 27	1 43	17 51	0 58	4 41	1 7	11 31	1 20	2 41	2 12	13 22	0 42	15 11	1 42	7 2	13 42	9 12	9 43	18 47	13 25	0 43
S 3	4 0	17 11	3 8	3 55	1 47	18 15	1 1	4 26	1 7	11 32	1 20	2 43	2 12	13 21	0 42	15 12	1 42	7 2	13 42	9 12	9 44	18 47	13 25	0 44
M 4	4 23	14 48	2 1	3 21	1 51	18 38	1 5	4 11	1 7	11 34	1 19	2 46	2 12	13 20	0 42	15 12	1 42	7 2	13 43	9 11	9 45	18 47	13 24	0 44
T 5	4 46	11 33	0 47	2 45	1 53	19 0	1 8	3 56	1 7	11 35	1 19	2 49	2 12	13 19	0 42	15 13	1 42	7 2	13 43	9 11	9 47	18 47	13 23	0 44
W 6	5 9	7 40	0s28	2 7	1 55	19 22	1 11	3 41	1 7	11 37	1 19	2 52	2 12	13 18	0 42	15 13	1 42	7 1	13 43	9 11	9 48	18 47	13 22	0 44
T 7	5 32	3 24	1 42	1 27	1 55	19 44	1 15	3 26	1 7	11 38	1 19	2 55	2 12	13 17	0 42	15 14	1 42	7 1	13 43	9 11	9 49	18 46	13 21	0 44
F 8	5 55	0n58	2 48	0 46	1 55	20 5	1 18	3 10	1 7	11 40	1 19	2 58	2 12	13 16	0 42	15 15	1 42	7 1	13 43	9 13	9 50	18 46	13 20	0 44
S 9	6 18	5 13	3 43	0 4	1 54	20 25	1 22	2 55	1 7	11 41	1 19	3 1	2 12	13 15	0 42	15 15	1 42	7 0	13 43	9 15	9 51	18 46	13 19	0 44
S 10	6 40	9 7	4 26	0s39	1 53	20 45	1 25	2 40	1 7	11 42	1 19	3 3	2 12	13 14	0 42	15 16	1 42	7 0	13 44	9 17	9 52	18 46	13 18	0 44
M11	7 3	12 31	4 54	1 22	1 50	21 5	1 28	2 25	1 6	11 43	1 19	3 6	2 12	13 13	0 42	15 16	1 42	7 0	13 44	9 20	9 54	18 46	13 17	0 44
T 12	7 25	15 16	5 8	2 6	1 48	21 24	1 31	2 9	1 6	11 44	1 18	3 9	2 12	13 12	0 42	15 17	1 42	6 59	13 44	9 23	9 55	18 46	13 16	0 44
W13	7 48	17 17	5 6	2 50	1 44	21 43	1 35	1 54	1 6	11 45	1 18	3 12	2 12	13 12	0 42	15 18	1 42	6 59	13 44	9 25	9 56	18 46	13 15	0 45
T 14	8 10	18 29	4 51	3 35	1 40	22 0	1 38	1 39	1 6	11 46	1 18	3 15	2 12	13 11	0 42	15 18	1 42	6 59	13 44	9 27	9 57	18 46	13 14	0 45
F 15	8 32	18 51	4 24	4 19	1 36	22 18	1 41	1 24	1 6	11 47	1 18	3 17	2 12	13 10	0 42	15 19	1 42	6 58	13 44	9 28	9 58	18 46	13 13	0 45
S 16	8 54	18 23	3 45	5 4	1 32	22 35	1 44	1 8	1 6	11 48	1 18	3 20	2 12	13 9	0 42	15 19	1 42	6 58	13 45	9 29	9 59	18 46	13 12	0 45
S 17	9 16	17 6	2 57	5 48	1 27	22 51	1 47	0 53	1 6	11 49	1 18	3 23	2 12	13 8	0 42	15 20	1 42	6 58	13 45	9 29	10 0	18 46	13 11	0 45
M18	9 38	15 4	2 0	6 32	1 22	23 7	1 50	0 38	1 6	11 49	1 18	3 26	2 12	13 8	0 42	15 21	1 42	6 58	13 45	9 28	10 2	18 45	13 10	0 45
T 19	10 0	12 21	0 58	7 16	1 16	23 22	1 54	0 22	1 5	11 50	1 17	3 29	2 12	13 7	0 42	15 21	1 42	6 57	13 45	9 28	10 3	18 45	13 9	0 45
W20	10 21	9 0	0n 9	8 0	1 10	23 36	1 56	0 7	1 5	11 50	1 17	3 31	2 12	13 6	0 43	15 22	1 42	6 57	13 45	9 28	10 4	18 45	13 8	0 45
T 21	10 43	5 11	1 16	8 43	1 5	23 50	1 59	0s 8	1 5	11 51	1 17	3 34	2 12	13 5	0 43	15 22	1 42	6 57	13 45	9 28	10 5	18 45	13 7	0 45
F 22	11 4	1 0	2 22	9 25	0 58	24 3	2 2	0 23	1 5	11 51	1 17	3 37	2 13	13 5	0 43	15 23	1 42	6 56	13 45	9 29	10 6	18 45	13 6	0 45
S 23	11 25	3s21	3 21	10 8	0 52	24 16	2 5	0 39	1 5	11 51	1 17	3 39	2 13	13 4	0 43	15 24	1 42	6 56	13 46	9 31	10 7	18 45	13 5	0 46
S 24	11 46	7 38	4 10	10 49	0 46	24 28	2 8	0 54	1 5	11 51	1 17	3 42	2 13	13 3	0 43	15 24	1 42	6 56	13 46	9 34	10 9	18 45	13 4	0 46
M25	12 7	11 35	4 45	11 30	0 39	24 39	2 11	1 9	1 4	11 51	1 16	3 45	2 13	13 2	0 43	15 25	1 42	6 55	13 46	9 37	10 10	18 45	13 3	0 46
T 26	12 27	14 56	5 3	12 10	0 33	24 50	2 13	1 25	1 4	11 52	1 16	3 48	2 13	13 2	0 43	15 25	1 42	6 55	13 46	9 41	10 11	18 44	13 2	0 46
W27	12 48	17 23	5 1	12 50	0 26	25 0	2 16	1 40	1 4	11 51	1 16	3 50	2 13	13 1	0 43	15 26	1 42	6 55	13 46	9 44	10 12	18 44	13 1	0 46
T 28	13 8	18 43	4 41	13 29	0 19	25 9	2 18	1 55	1 4	11 51	1 16	3 53	2 13	13 0	0 43	15 27	1 42	6 55	13 46	9 47	10 13	18 44	13 0	0 46
F 29	13 28	18 51	4 2	14 7	0 13	25 18	2 21	2 10	1 4	11 51	1 16	3 55	2 13	13 0	0 43	15 27	1 42	6 54	13 46	9 48	10 14	18 44	12 59	0 46
S 30	13 47	17 46	3 9	14 44	0 6	25 26	2 23	2 25	1 4	11 51	1 16	3 58	2 13	12 59	0 43	15 28	1 42	6 54	13 46	9 49	10 15	18 44	12 58	0 46
S 31	14s 7	15s37	2n 5	15s21	0s 1	25s33	2s26	2s41	1n 3	11s51	1s15	4s 1	2n13	12n59	0n43	15s29	1n42	6n54	13s46	9n49	10n17	18n44	12n57	0s46

Julian Day Number = 2498569.5, Delta T = 108.23 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'21, Lahiri = 25°39'22

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ASTRODIENST EPHEMERIS for the year 2128
geocentric

NOVEMBER 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 42 21	8♏50'51	24♒18	13♏19	22♐21	9♎51	2♓15	15♎32	27♌36	17♏46	1°R15	4♍35	3♍17	15♋36	6°R27	M 1
T 2	2 46 18	9°50'49	8♓ 1	14°55	23°31	10°29	2°16	15°39	27°38	17°49	1♊14	4°R35	3°14	15°43	6♉24	T 2
W 3	2 50 14	10°50'48	21°33	16°31	24°40	11° 7	2°17	15°46	27°40	17°51	1°13	4°34	3°10	15°49	6°21	W 3
T 4	2 54 11	11°50'49	4♈54	18° 6	25°49	11°45	2°18	15°52	27°41	17°53	1°12	4°31	3° 7	15°56	6°18	T 4
F 5	2 58 7	12°50'52	18° 6	19°40	26°58	12°24	2°20	15°59	27°43	17°55	1°11	4°24	3° 4	16° 3	6°15	F 5
S 6	3 2 4	13°50'57	1♉ 6	21°15	28° 7	13° 2	2°22	16° 6	27°44	17°58	1°10	4°15	3° 1	16° 9	6°13	S 6
S 7	3 6 0	14°51'03	13°54	22°48	29°16	13°40	2°23	16°13	27°46	18° 0	1° 9	4° 3	2°58	16°16	6°10	S 7
M 8	3 9 57	15°51'11	26°30	24°22	0♊24	14°18	2°26	16°20	27°47	18° 2	1° 8	3°50	2°55	16°23	6° 7	M 8
T 9	3 13 54	16°51'21	8♊53	25°55	1°33	14°56	2°28	16°26	27°48	18° 4	1° 7	3°37	2°51	16°29	6° 4	T 9
W10	3 17 50	17°51'33	21° 4	27°27	2°41	15°35	2°30	16°33	27°50	18° 6	1° 6	3°25	2°48	16°36	6° 1	W10
T 11	3 21 47	18°51'47	3♋ 5	29° 0	3°49	16°13	2°33	16°40	27°51	18° 9	1° 5	3°15	2°45	16°43	5°58	T 11
F 12	3 25 43	19°52'03	14°58	0♐32	4°57	16°51	2°36	16°46	27°52	18°11	1° 4	3° 7	2°42	16°49	5°55	F 12
S 13	3 29 40	20°52'20	26°47	2° 3	6° 5	17°29	2°39	16°53	27°53	18°13	1° 3	3° 2	2°39	16°56	5°53	S 13
S 14	3 33 36	21°52'40	8♌36	3°35	7°13	18° 8	2°42	16°59	27°54	18°15	1° 1	3° 0	2°35	17° 3	5°50	S 14
M15	3 37 33	22°53'02	20°31	5° 6	8°21	18°46	2°46	17° 6	27°56	18°18	1° 0	2°D59	2°32	17° 9	5°47	M15
T 16	3 41 29	23°53'25	2♍35	6°36	9°28	19°24	2°50	17°12	27°57	18°20	0°59	2°R59	2°29	17°16	5°44	T 16
W17	3 45 26	24°53'50	14°57	8° 7	10°36	20° 2	2°53	17°19	27°57	18°22	0°58	2°58	2°26	17°23	5°42	W17
T 18	3 49 23	25°54'18	27°39	9°37	11°43	20°41	2°57	17°25	27°58	18°24	0°57	2°57	2°23	17°29	5°39	T 18
F 19	3 53 19	26°54'47	10♎46	11° 6	12°50	21°19	3° 2	17°31	27°59	18°27	0°56	2°52	2°20	17°36	5°36	F 19
S 20	3 57 16	27°55'17	24°22	12°35	13°57	21°57	3° 6	17°38	28° 0	18°29	0°55	2°45	2°16	17°43	5°34	S 20
S 21	4 1 12	28°55'50	8♏25	14° 4	15° 3	22°35	3°11	17°44	28° 1	18°31	0°54	2°35	2°13	17°50	5°31	S 21
M22	4 5 9	29°56'24	22°52	15°33	16°10	23°14	3°16	17°50	28° 1	18°33	0°52	2°24	2°10	17°56	5°28	M22
T 23	4 9 5	0♐57'00	7♐37	17° 1	17°16	23°52	3°21	17°56	28° 2	18°36	0°51	2°11	2° 7	18° 3	5°26	T 23
W24	4 13 2	1°57'37	22°32	18°28	18°22	24°30	3°26	18° 2	28° 2	18°38	0°50	2° 0	2° 4	18°10	5°23	W24
T 25	4 16 58	2°58'16	7♑27	19°55	19°28	25° 8	3°31	18° 8	28° 3	18°40	0°49	1°50	2° 1	18°16	5°21	T 25
F 26	4 20 55	3°58'56	22°14	21°21	20°34	25°47	3°37	18°14	28° 3	18°42	0°48	1°44	1°57	18°23	5°18	F 26
S 27	4 24 52	4°59'37	6♒46	22°47	21°39	26°25	3°42	18°20	28° 4	18°44	0°47	1°40	1°54	18°30	5°16	S 27
S 28	4 28 48	6° 0'19	21° 0	24°12	22°45	27° 3	3°48	18°26	28° 4	18°47	0°46	1°38	1°51	18°36	5°13	S 28
M29	4 32 45	7° 1'02	4♓55	25°36	23°50	27°41	3°54	18°31	28° 4	18°49	0°45	1°38	1°48	18°43	5°11	M29
T 30	4 36 41	8♐ 1'46	18♓31	26♐59	24♑54	28♎20	4♓ 0	18♎37	28♌ 5	18♏51	0♊43	1♍38	1♍45	18♋50	5♉ 9	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s26	12s33	0n55	15s57	0s 8	25s40	2s28	2s56	1n 3	11s50	1s15	4s 3	2n13	12n58	0n43	15s29	1n42	6n53	13s46	9n49	10n18	18n44	12n56	0s46
T 2	14 45	8 50	0s18	16 32	0 14	25 46	2 30	3 11	1 3	11 50	1 15	4 6	2 14	12 58	0 43	15 30	1 42	6 53	13 47	9 49	10 19	18 43	12 55	0 46
W 3	15 4	4 43	1 29	17 6	0 21	25 51	2 32	3 26	1 3	11 49	1 15	4 8	2 14	12 57	0 43	15 30	1 42	6 53	13 47	9 50	10 20	18 43	12 54	0 46
T 4	15 23	0 24	2 34	17 39	0 28	25 55	2 34	3 41	1 3	11 48	1 15	4 11	2 14	12 56	0 43	15 31	1 42	6 53	13 47	9 51	10 21	18 43	12 53	0 47
F 5	15 41	3n52	3 29	18 11	0 34	25 59	2 36	3 56	1 2	11 48	1 15	4 13	2 14	12 56	0 43	15 32	1 42	6 52	13 47	9 53	10 22	18 43	12 52	0 47
S 6	15 59	7 53	4 13	18 43	0 41	26 2	2 38	4 11	1 2	11 47	1 14	4 16	2 14	12 56	0 43	15 32	1 42	6 52	13 47	9 57	10 23	18 43	12 51	0 47
S 7	16 17	11 29	4 43	19 13	0 47	26 5	2 40	4 26	1 2	11 46	1 14	4 18	2 14	12 55	0 43	15 33	1 42	6 52	13 47	10 1	10 25	18 42	12 50	0 47
M 8	16 34	14 31	4 59	19 43	0 54	26 6	2 41	4 41	1 2	11 45	1 14	4 21	2 14	12 55	0 43	15 34	1 42	6 52	13 47	10 6	10 26	18 42	12 49	0 47
T 9	16 52	16 49	5 0	20 11	1 0	26 7	2 43	4 56	1 2	11 44	1 14	4 23	2 14	12 54	0 43	15 34	1 42	6 51	13 47	10 10	10 27	18 42	12 48	0 47
W10	17 8	18 21	4 47	20 39	1 6	26 8	2 44	5 11	1 1	11 43	1 14	4 26	2 14	12 54	0 43	15 35	1 42	6 51	13 47	10 15	10 28	18 42	12 47	0 47
T 11	17 25	19 1	4 22	21 6	1 12	26 7	2 46	5 26	1 1	11 42	1 13	4 28	2 15	12 53	0 43	15 35	1 42	6 51	13 47	10 18	10 29	18 42	12 46	0 47
F 12	17 41	18 51	3 45	21 31	1 18	26 6	2 47	5 41	1 1	11 41	1 13	4 31	2 15	12 53	0 43	15 36	1 42	6 51	13 47	10 21	10 30	18 42	12 45	0 47
S 13	17 58	17 51	2 59	21 56	1 24	26 5	2 48	5 55	1 1	11 39	1 13	4 33	2 15	12 53	0 43	15 37	1 42	6 50	13 47	10 23	10 31	18 41	12 44	0 47
S 14	18 13	16 5	2 5	22 19	1 30	26 2	2 49	6 10	1 1	11 38	1 13	4 35	2 15	12 52	0 44	15 37	1 42	6 50	13 47	10 24	10 33	18 41	12 43	0 47
M15	18 29	13 36	1 6	22 41	1 35	25 59	2 50	6 25	1 0	11 37	1 13	4 38	2 15	12 52	0 44	15 38	1 42	6 50	13 47	10 24	10 34	18 41	12 42	0 47
T 16	18 44	10 31	0 2	23 3	1 40	25 55	2 51	6 40	1 0	11 35	1 13	4 40	2 15	12 52	0 44	15 39	1 42	6 50	13 47	10 24	10 35	18 41	12 41	0 47
W17	18 59	6 54	1n 3	23 23	1 45	25 51	2 51	6 54	1 0	11 34	1 12	4 42	2 15	12 51	0 44	15 39	1 42	6 50	13 47	10 24	10 36	18 40	12 40	0 47
T 18	19 13	2 52	2 7	23 41	1 50	25 45	2 52	7 9	1 0	11 32	1 12	4 45	2 16	12 51	0 44	15 40	1 42	6 49	13 47	10 25	10 37	18 40	12 39	0 48
F 19	19 27	1s25	3 6	23 59	1 55	25 40	2 52	7 23	0 59	11 30	1 12	4 47	2 16	12 51	0 44	15 40	1 42	6 49	13 47	10 27	10 38	18 40	12 38	0 48
S 20	19 41	5 46	3 56	24 16	1 59	25 33	2 53	7 38	0 59	11 29	1 12	4 49	2 16	12 51	0 44	15 41	1 42	6 49	13 47	10 29	10 39	18 40	12 37	0 48
S 21	19 54	9 58	4 34	24 31	2 3	25 26	2 53	7 52	0 59	11 27	1 12	4 51	2 16	12 50	0 44	15 42	1 42	6 49	13 47	10 33	10 41	18 40	12 36	0 48
M22	20 7	13 42	4 56	24 45	2 7	25 18	2 53	8 7	0 59	11 25	1 11	4 53	2 16	12 50	0 44	15 42	1 42	6 49	13 47	10 37	10 42	18 39	12 35	0 48
T 23	20 20	16 39	4 59	24 57	2 11	25 10	2 53	8 21	0 58	11 23	1 11	4 56	2 16	12 50	0 44	15 43	1 42	6 48	13 47	10 41	10 43	18 39	12 34	0 48
W24	20 32	18 32	4 41	25 9	2 14	25 1	2 53	8 35	0 58	11 21	1 11	4 58	2 17	12 50	0 44	15 43	1 42	6 48	13 47	10 45	10 44	18 39	12 33	0 48
T 25	20 44	19 8	4 5	25 19	2 17	24 51	2 52	8 49	0 58	11 19	1 11	5 0	2 17	12 50	0 44	15 44	1 42	6 48	13 47	10 49	10 45	18 39	12 32	0 48
F 26	20 56	18 26	3 12	25 28	2 20	24 41	2 52	9 4	0 58	11 17	1 11	5 2	2 17	12 50	0 44	15 44	1 42	6 48	13 47	10 51	10 46	18 38	12 32	0 48
S 27	21 7	16 31	2 7	25 35	2 22	24 30	2 51	9 18	0 57	11 14	1 11	5 4	2 17	12 50	0 44	15 45	1 42	6 48	13 47	10 52	10 47	18 38	12 31	0 48
S 28	21 18	13 36	0 56	25 41	2 24	24 18	2 50	9 32	0 57	11 12	1 10	5 6	2 17	12 50	0 44	15 46	1 42	6 48	13 47	10 53	10 48	18 38	12 30	0 48
M29	21 28	9 58	0s17	25 46	2 25	24 6	2 49	9 46	0 57	11 10	1 10	5 8	2 18	12 50	0 44	15 46	1 42	6 47	13 47	10 53	10 50	18 38	12 29	0 48
T 30	21s38	5s53	1s28	25s49	2s26	23s53	2s48	10s 0	0n56	11s 7	1s10	5s10	2n18	12n50	0n44	15s47	1n42	6n47	13s47	10n53	10n51	18n37	12n28	0s48

Julian Day Number = 2498600.5, Delta T = 108.28 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'26, Lahiri = 25°39'26

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ASTRODIENST EPHEMERIS for the year 2128
geocentric

DECEMBER 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 40 38	9♐ 2'31	1♈51	28♐21	25♑59	28♎58	4♓ 7	18♎43	28♌ 5	18♏53	0°R42	1°R36	1♍41	18♋56	5°R 6	W 1
T 2	4 44 34	10° 3'17	14°55	29°41	27° 3	29°36	4°13	18°48	28° 5	18°55	0♊41	1♍32	1°38	19° 3	5♉ 4	T 2
F 3	4 48 31	11° 4'04	27°46	1♑ 0	28° 7	0♏15	4°20	18°54	28°R 5	18°57	0°40	1°25	1°35	19°10	5° 2	F 3
S 4	4 52 27	12° 4'52	10♉27	2°17	29°10	0°53	4°27	18°59	28° 5	18°59	0°39	1°15	1°32	19°16	5° 0	S 4
S 5	4 56 24	13° 5'41	22°57	3°32	0♒14	1°31	4°34	19° 4	28° 5	19° 1	0°38	1° 3	1°29	19°23	4°58	S 5
M 6	5 0 21	14° 6'31	5♊17	4°45	1°17	2° 9	4°41	19° 9	28° 5	19° 4	0°37	0°49	1°26	19°30	4°55	M 6
T 7	5 4 17	15° 7'22	17°28	5°55	2°19	2°48	4°49	19°15	28° 4	19° 6	0°36	0°35	1°22	19°36	4°53	T 7
W 8	5 8 14	16° 8'14	29°32	7° 2	3°22	3°26	4°56	19°20	28° 4	19° 8	0°35	0°22	1°19	19°43	4°51	W 8
T 9	5 12 10	17° 9'07	11♋27	8° 6	4°24	4° 4	5° 4	19°25	28° 4	19°10	0°34	0°10	1°16	19°50	4°49	T 9
F 10	5 16 7	18°10'02	23°18	9° 5	5°25	4°42	5°12	19°30	28° 4	19°12	0°32	0° 2	1°13	19°56	4°47	F 10
S 11	5 20 3	19°10'57	5♌ 5	10° 0	6°27	5°21	5°19	19°35	28° 3	19°14	0°31	29♌56	1°10	20° 3	4°46	S 11
S 12	5 24 0	20°11'54	16°54	10°49	7°27	5°59	5°28	19°40	28° 3	19°16	0°30	29°53	1° 7	20°10	4°44	S 12
M13	5 27 56	21°12'51	28°46	11°32	8°28	6°37	5°36	19°44	28° 2	19°18	0°29	29°D52	1° 3	20°17	4°42	M13
T 14	5 31 53	22°13'50	10♍49	12° 8	9°28	7°16	5°44	19°49	28° 2	19°20	0°28	29°53	1° 0	20°23	4°40	T 14
W15	5 35 50	23°14'50	23° 6	12°37	10°27	7°54	5°53	19°54	28° 1	19°22	0°27	29°R53	0°57	20°30	4°39	W15
T 16	5 39 46	24°15'51	5♎43	12°56	11°27	8°32	6° 2	19°58	28° 0	19°24	0°26	29°52	0°54	20°37	4°37	T 16
F 17	5 43 43	25°16'53	18°46	13°R 7	12°25	9°10	6°10	20° 2	28° 0	19°26	0°25	29°50	0°51	20°43	4°35	F 17
S 18	5 47 39	26°17'56	2♏17	13° 7	13°23	9°49	6°19	20° 7	27°59	19°27	0°24	29°45	0°47	20°50	4°34	S 18
S 19	5 51 36	27°19'00	16°18	12°56	14°21	10°27	6°28	20°11	27°58	19°29	0°23	29°37	0°44	20°57	4°32	S 19
M20	5 55 32	28°20'05	0♐48	12°33	15°18	11° 5	6°38	20°15	27°57	19°31	0°22	29°28	0°41	21° 3	4°31	M20
T 21	5 59 29	29°21'10	15°42	11°59	16°15	11°44	6°47	20°19	27°56	19°33	0°21	29°18	0°38	21°10	4°29	T 21
W22	6 3 25	0♑22'17	0♑51	11°13	17°11	12°22	6°57	20°23	27°55	19°35	0°20	29° 9	0°35	21°17	4°28	W22
T 23	6 7 22	1°23'24	16° 6	10°17	18° 7	13° 0	7° 6	20°27	27°54	19°37	0°19	29° 1	0°32	21°23	4°27	T 23
F 24	6 11 19	2°24'31	1♒14	9°11	19° 2	13°39	7°16	20°31	27°53	19°38	0°18	28°56	0°28	21°30	4°25	F 24
S 25	6 15 15	3°25'39	16° 7	7°57	19°56	14°17	7°26	20°35	27°52	19°40	0°17	28°53	0°25	21°37	4°24	S 25
S 26	6 19 12	4°26'46	0♓40	6°38	20°50	14°55	7°36	20°39	27°51	19°42	0°17	28°D52	0°22	21°43	4°23	S 26
M27	6 23 8	5°27'54	14°47	5°16	21°43	15°33	7°46	20°42	27°49	19°44	0°16	28°53	0°19	21°50	4°22	M27
T 28	6 27 5	6°29'02	28°30	3°53	22°35	16°12	7°56	20°46	27°48	19°45	0°15	28°54	0°16	21°57	4°21	T 28
W29	6 31 1	7°30'10	11♈50	2°34	23°26	16°50	8° 7	20°49	27°47	19°47	0°14	28°R54	0°13	22° 3	4°20	W29
T 30	6 34 58	8°31'18	24°49	1°19	24°17	17°28	8°17	20°52	27°45	19°49	0°13	28°52	0° 9	22°10	4°19	T 30
F 31	6 38 54	9♑32'26	7♉31	0♑12	25♒ 7	18♏ 7	8♓28	20♎55	27♌44	19♏50	0♊12	28♌49	0♍ 6	22♋17	4♉18	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s47	1s36	2s32	25s51	2s26	23s40	2s47	10s13	0n56	11s 5	1s10	5s12	2n18	12n49	0n44	15s47	1n42	6n47	13s47	10n54	10n52	18n37	12n27	0s48
T 2	21 56	2n41	3 27	25 51	2 26	23 26	2 46	10 27	0 56	11 2	1 10	5 14	2 18	12 50	0 44	15 48	1 42	6 47	13 47	10 55	10 53	18 37	12 26	0 48
F 3	22 5	6 46	4 11	25 50	2 25	23 12	2 44	10 41	0 55	11 0	1 10	5 16	2 18	12 50	0 44	15 48	1 42	6 47	13 46	10 58	10 54	18 37	12 26	0 48
S 4	22 13	10 29	4 41	25 48	2 24	22 57	2 43	10 55	0 55	10 57	1 9	5 17	2 18	12 50	0 44	15 49	1 42	6 47	13 46	11 1	10 55	18 36	12 25	0 48
S 5	22 21	13 42	4 57	25 44	2 22	22 42	2 41	11 8	0 55	10 54	1 9	5 19	2 19	12 50	0 44	15 50	1 42	6 47	13 46	11 6	10 56	18 36	12 24	0 49
M 6	22 29	16 15	4 59	25 39	2 19	22 26	2 39	11 22	0 55	10 51	1 9	5 21	2 19	12 50	0 45	15 50	1 42	6 46	13 46	11 10	10 58	18 36	12 23	0 49
T 7	22 35	18 3	4 48	25 33	2 16	22 10	2 36	11 35	0 54	10 49	1 9	5 23	2 19	12 50	0 45	15 51	1 42	6 46	13 46	11 15	10 59	18 35	12 23	0 49
W 8	22 42	19 2	4 23	25 25	2 11	21 53	2 34	11 48	0 54	10 46	1 9	5 25	2 19	12 50	0 45	15 51	1 42	6 46	13 46	11 20	11 0	18 35	12 22	0 49
T 9	22 48	19 9	3 47	25 16	2 6	21 36	2 32	12 1	0 54	10 43	1 9	5 26	2 20	12 50	0 45	15 52	1 42	6 46	13 46	11 24	11 1	18 35	12 21	0 49
F 10	22 54	18 26	3 1	25 6	2 0	21 18	2 29	12 15	0 53	10 40	1 8	5 28	2 20	12 50	0 45	15 52	1 42	6 46	13 46	11 27	11 2	18 35	12 21	0 49
S 11	22 59	16 55	2 8	24 55	1 53	21 0	2 26	12 28	0 53	10 37	1 8	5 30	2 20	12 50	0 45	15 53	1 42	6 46	13 46	11 29	11 3	18 34	12 20	0 49
S 12	23 4	14 40	1 9	24 43	1 44	20 42	2 23	12 41	0 53	10 33	1 8	5 31	2 20	12 51	0 45	15 53	1 42	6 46	13 46	11 30	11 4	18 34	12 19	0 49
M13	23 8	11 48	0 6	24 30	1 35	20 23	2 20	12 54	0 52	10 30	1 8	5 33	2 20	12 51	0 45	15 54	1 42	6 46	13 45	11 30	11 5	18 34	12 19	0 49
T 14	23 12	8 24	0n58	24 16	1 24	20 3	2 16	13 6	0 52	10 27	1 8	5 34	2 21	12 51	0 45	15 54	1 42	6 46	13 45	11 30	11 7	18 33	12 18	0 49
W15	23 15	4 35	2 1	24 1	1 12	19 44	2 13	13 19	0 51	10 24	1 8	5 36	2 21	12 51	0 45	15 55	1 42	6 46	13 45	11 30	11 8	18 33	12 17	0 49
T 16	23 18	0 28	2 59	23 46	0 59	19 24	2 9	13 32	0 51	10 20	1 8	5 37	2 21	12 52	0 45	15 55	1 42	6 46	13 45	11 30	11 9	18 33	12 17	0 49
F 17	23 20	3s48	3 50	23 31	0 44	19 3	2 5	13 44	0 51	10 17	1 7	5 39	2 21	12 52	0 45	15 56	1 42	6 46	13 45	11 31	11 10	18 32	12 16	0 49
S 18	23 22	8 1	4 30	23 15	0 28	18 43	2 0	13 57	0 50	10 14	1 7	5 40	2 22	12 52	0 45	15 56	1 42	6 46	13 45	11 33	11 11	18 32	12 16	0 49
S 19	23 24	11 58	4 56	22 59	0 11	18 22	1 56	14 9	0 50	10 10	1 7	5 42	2 22	12 53	0 45	15 57	1 42	6 46	13 45	11 36	11 12	18 32	12 15	0 49
M20	23 25	15 20	5 4	22 43	0n 7	18 0	1 51	14 21	0 50	10 7	1 7	5 43	2 22	12 53	0 45	15 57	1 42	6 45	13 44	11 39	11 13	18 31	12 15	0 49
T 21	23 25	17 49	4 52	22 27	0 26	17 39	1 47	14 34	0 49	10 3	1 7	5 44	2 22	12 53	0 45	15 58	1 43	6 45	13 44	11 42	11 14	18 31	12 14	0 49
W22	23 25	19 6	4 20	22 11	0 46	17 17	1 42	14 46	0 49	9 59	1 7	5 46	2 22	12 54	0 45	15 58	1 43	6 45	13 44	11 46	11 16	18 31	12 14	0 49
T 23	23 25	19 0	3 28	21 56	1 6	16 55	1 36	14 58	0 48	9 56	1 7	5 47	2 23	12 54	0 45	15 59	1 43	6 45	13 44	11 48	11 17	18 30	12 13	0 49
F 24	23 24	17 33	2 23	21 41	1 25	16 33	1 31	15 9	0 48	9 52	1 6	5 48	2 23	12 54	0 45	15 59	1 43	6 45	13 44	11 50	11 18	18 30	12 13	0 49
S 25	23 23	14 55	1 8	21 27	1 45	16 10	1 25	15 21	0 48	9 48	1 6	5 49	2 23	12 55	0 45	15 59	1 43	6 45	13 43	11 51	11 19	18 30	12 12	0 49
S 26	23 21	11 23	0s10	21 13	2 3	15 48	1 19	15 33	0 47	9 44	1 6	5 50	2 23	12 55	0 45	16 0	1 43	6 45	13 43	11 52	11 20	18 29	12 12	0 49
M27	23 18	7 17	1 25	21 0	2 19	15 25	1 13	15 44	0 47	9 40	1 6	5 51	2 24	12 56	0 45	16 0	1 43	6 45	13 43	11 51	11 21	18 29	12 11	0 50
T 28	23 16	2 56	2 32	20 48	2 33	15 2	1 7	15 56	0 46	9 36	1 6	5 52	2 24	12 56	0 45	16 1	1 43	6 46	13 43	11 51	11 22	18 29	12 11	0 50
W29	23 12	1n27	3 30	20 38	2 46	14 39	1 0	16 7	0 46	9 32	1 6	5 53	2 24	12 57	0 45	16 1	1 43	6 46	13 43	11 51	11 23	18 28	12 11	0 50
T 30	23 9	5 38	4 15	20 30	2 55	14 16	0 54	16 18	0 45	9 28	1 6	5 54	2 24	12 57	0 45	16 1	1 43	6 46	13 42	11 51	11 25	18 28	12 10	0 50
F 31	23s 5	9n29	4s47	20s23	3n 3	13s52	0s47	16s29	0n45	9s24	1s 6	5s55	2n25	12n58	0n46	16s 2	1n43	6n46	13s42	11n53	11n26	18n28	12n10	0s50

Julian Day Number = 2498630.5, Delta T = 108.32 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'30, Lahiri = 25°39'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2129
geocentric

JANUARY 2129 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 51	10♑33'34	19♉59	29°R13	25♒56	18♏45	8♓39	20♎58	27°R42	19♏52	0°R11	28°R43	0♍ 3	22♋23	4°R18	S 1
S 2	6 46 48	11°34'42	2♊15	28♐24	26°44	19°23	8°49	21° 1	27♌41	19°53	0♊11	28♌35	29♌59	22°30	4♉17	S 2
M 3	6 50 44	12°35'49	14°22	27°45	27°32	20° 1	9° 0	21° 4	27°39	19°55	0°10	28°26	29°57	22°37	4°16	M 3
T 4	6 54 41	13°36'57	26°23	27°17	28°18	20°40	9°11	21° 7	27°38	19°56	0° 9	28°17	29°53	22°43	4°16	T 4
W 5	6 58 37	14°38'05	8♋18	26°59	29° 3	21°18	9°23	21°10	27°36	19°58	0° 8	28° 8	29°50	22°50	4°15	W 5
T 6	7 2 34	15°39'13	20° 9	26°D51	29°47	21°56	9°34	21°12	27°34	19°59	0° 7	28° 1	29°47	22°57	4°15	T 6
F 7	7 6 30	16°40'21	1♌58	26°52	0♓31	22°34	9°45	21°15	27°32	20° 1	0° 7	27°56	29°44	23° 3	4°14	F 7
S 8	7 10 27	17°41'29	13°47	27° 1	1°13	23°13	9°57	21°17	27°31	20° 2	0° 6	27°52	29°41	23°10	4°14	S 8
S 9	7 14 24	18°42'36	25°38	27°19	1°54	23°51	10° 8	21°20	27°29	20° 4	0° 5	27°D51	29°38	23°17	4°13	S 9
M10	7 18 20	19°43'44	7♍34	27°44	2°34	24°29	10°20	21°22	27°27	20° 5	0° 5	27°52	29°34	23°23	4°13	M10
T 11	7 22 17	20°44'52	19°39	28°15	3°12	25° 7	10°32	21°24	27°25	20° 6	0° 4	27°53	29°31	23°30	4°13	T 11
W12	7 26 13	21°46'00	1♎57	28°52	3°49	25°45	10°43	21°26	27°23	20° 8	0° 3	27°55	29°28	23°37	4°13	W12
T 13	7 30 10	22°47'08	14°32	29°35	4°25	26°24	10°55	21°28	27°21	20° 9	0° 3	27°56	29°25	23°43	4°13	T 13
F 14	7 34 6	23°48'15	27°29	0♑22	5° 0	27° 2	11° 7	21°30	27°19	20°10	0° 2	27°R56	29°22	23°50	4°D13	F 14
S 15	7 38 3	24°49'23	10♏51	1°13	5°33	27°40	11°19	21°31	27°17	20°11	0° 1	27°55	29°18	23°57	4°13	S 15
S 16	7 41 59	25°50'31	24°41	2° 9	6° 4	28°18	11°32	21°33	27°15	20°13	0° 1	27°53	29°15	24° 3	4°13	S 16
M17	7 45 56	26°51'39	8♐59	3° 7	6°34	28°57	11°44	21°34	27°13	20°14	0° 0	27°49	29°12	24°10	4°13	M17
T 18	7 49 53	27°52'46	23°43	4° 9	7° 2	29°35	11°56	21°36	27°11	20°15	29♉59	27°44	29° 9	24°17	4°13	T 18
W19	7 53 49	28°53'54	8♑47	5°14	7°29	0♐13	12° 9	21°37	27° 8	20°16	29°59	27°40	29° 6	24°23	4°14	W19
T 20	7 57 46	29°55'01	24° 1	6°21	7°54	0°51	12°21	21°38	27° 6	20°17	29°59	27°36	29° 3	24°30	4°14	T 20
F 21	8 1 42	0♒56'07	9♒17	7°30	8°17	1°29	12°34	21°39	27° 4	20°18	29°58	27°34	28°59	24°37	4°14	F 21
S 22	8 5 39	1°57'13	24°23	8°41	8°38	2° 7	12°47	21°40	27° 2	20°19	29°58	27°D33	28°56	24°44	4°15	S 22
S 23	8 9 35	2°58'18	9♓10	9°54	8°57	2°46	12°59	21°41	26°59	20°20	29°57	27°33	28°53	24°50	4°15	S 23
M24	8 13 32	3°59'22	23°34	11° 9	9°14	3°24	13°12	21°42	26°57	20°21	29°57	27°34	28°50	24°57	4°16	M24
T 25	8 17 28	5° 0'25	7♈31	12°25	9°29	4° 2	13°25	21°42	26°55	20°22	29°56	27°36	28°47	25° 4	4°17	T 25
W26	8 21 25	6° 1'27	21° 0	13°43	9°42	4°40	13°38	21°43	26°52	20°23	29°56	27°37	28°44	25°10	4°17	W26
T 27	8 25 22	7° 2'28	4♉ 5	15° 2	9°53	5°18	13°51	21°43	26°50	20°24	29°56	27°R38	28°40	25°17	4°18	T 27
F 28	8 29 18	8° 3'28	16°47	16°22	10° 1	5°56	14° 4	21°44	26°47	20°24	29°55	27°38	28°37	25°24	4°19	F 28
S 29	8 33 15	9° 4'27	29°12	17°44	10° 7	6°34	14°17	21°44	26°45	20°25	29°55	27°37	28°34	25°30	4°20	S 29
S 30	8 37 11	10° 5'25	11♊22	19° 6	10°11	7°12	14°30	21°R44	26°42	20°26	29°55	27°35	28°31	25°37	4°21	S 30
M31	8 41 8	11♒ 6'22	23♊22	20♑30	10°R12	7♐50	14♓44	21♎44	26♌40	20♏27	29♉54	27♌32	28♌28	25♋44	4♉22	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23s 0	12n50	5s 4	20s18	3n 7	13s29	0s39	16s40	0n45	9s20	1s 5	5s56	2n25	12n58	0n46	16s 2	1n43	6n46	13s42	11n55	11n27	18n27	12n10	0s50	S 1
S 2	22 55	15 35	5 7	20 15	3 10	13 6	0 32	16 51	0 44	9 16	1 5	5 57	2 25	12 59	0 46	16 3	1 43	6 46	13 42	11 57	11 28	18 27	12 9	0 50	S 2
M 3	22 49	17 36	4 56	20 14	3 10	12 42	0 24	17 2	0 44	9 12	1 5	5 58	2 26	13 0	0 46	16 3	1 43	6 46	13 42	12 1	11 29	18 26	12 9	0 50	M 3
T 4	22 43	18 50	4 32	20 15	3 9	12 19	0 16	17 13	0 43	9 7	1 5	5 59	2 26	13 0	0 46	16 3	1 43	6 46	13 41	12 4	11 30	18 26	12 9	0 50	T 4
W 5	22 37	19 14	3 56	20 17	3 6	11 55	0 8	17 23	0 43	9 3	1 5	6 0	2 26	13 1	0 46	16 4	1 43	6 46	13 41	12 7	11 31	18 26	12 9	0 50	W 5
T 6	22 30	18 46	3 10	20 22	3 1	11 32	0n 0	17 33	0 42	8 59	1 5	6 0	2 26	13 1	0 46	16 4	1 43	6 46	13 41	12 9	11 32	18 25	12 8	0 50	T 6
F 7	22 23	17 30	2 16	20 27	2 56	11 8	0 9	17 44	0 42	8 54	1 5	6 1	2 27	13 2	0 46	16 4	1 43	6 46	13 41	12 11	11 33	18 25	12 8	0 50	F 7
S 8	22 15	15 28	1 16	20 34	2 49	10 45	0 18	17 54	0 41	8 50	1 5	6 2	2 27	13 3	0 46	16 5	1 43	6 46	13 40	12 12	11 35	18 25	12 8	0 50	S 8
S 9	22 7	12 47	0 12	20 42	2 42	10 22	0 27	18 4	0 41	8 45	1 5	6 2	2 27	13 3	0 46	16 5	1 43	6 46	13 40	12 13	11 36	18 24	12 8	0 50	S 9
M10	21 58	9 32	0n53	20 50	2 34	9 59	0 37	18 14	0 40	8 41	1 4	6 3	2 27	13 4	0 46	16 5	1 43	6 46	13 40	12 12	11 37	18 24	12 8	0 50	M10
T 11	21 49	5 53	1 56	20 59	2 25	9 36	0 47	18 23	0 40	8 36	1 4	6 3	2 28	13 5	0 46	16 6	1 43	6 47	13 40	12 12	11 38	18 23	12 8	0 50	T 11
W12	21 40	1 55	2 55	21 9	2 16	9 13	0 57	18 33	0 39	8 32	1 4	6 4	2 28	13 5	0 46	16 6	1 43	6 47	13 39	12 11	11 39	18 23	12 8	0 50	W12
T 13	21 30	2s13	3 48	21 18	2 7	8 51	1 7	18 42	0 39	8 27	1 4	6 4	2 28	13 6	0 46	16 6	1 44	6 47	13 39	12 11	11 40	18 23	12 8	0 50	T 13
F 14	21 20	6 22	4 30	21 27	1 58	8 28	1 17	18 52	0 38	8 23	1 4	6 5	2 29	13 7	0 46	16 7	1 44	6 47	13 39	12 11	11 41	18 22	12 8	0 50	F 14
S 15	21 9	10 19	4 59	21 36	1 48	8 6	1 28	19 1	0 38	8 18	1 4	6 5	2 29	13 8	0 46	16 7	1 44	6 47	13 39	12 11	11 42	18 22	12 8	0 50	S 15
S 16	20 58	13 52	5 13	21 45	1 39	7 44	1 39	19 10	0 37	8 13	1 4	6 5	2 29	13 8	0 46	16 7	1 44	6 47	13 38	12 12	11 43	18 21	12 8	0 50	S 16
M17	20 46	16 43	5 7	21 54	1 29	7 23	1 51	19 19	0 36	8 8	1 4	6 6	2 29	13 9	0 46	16 7	1 44	6 47	13 38	12 13	11 45	18 21	12 8	0 50	M17
T 18	20 34	18 35	4 42	22 2	1 20	7 2	2 2	19 28	0 36	8 4	1 4	6 6	2 30	13 10	0 46	16 8	1 44	6 48	13 38	12 15	11 46	18 20	12 8	0 50	T 18
W19	20 22	19 12	3 56	22 9	1 10	6 41	2 14	19 36	0 35	7 59	1 4	6 6	2 30	13 11	0 46	16 8	1 44	6 48	13 38	12 16	11 47	18 20	12 8	0 50	W19
T 20	20 9	18 26	2 54	22 15	1 1	6 21	2 26	19 45	0 35	7 54	1 4	6 6	2 30	13 11	0 46	16 8	1 44	6 48	13 37	12 18	11 48	18 20	12 8	0 50	T 20
F 21	19 56	16 20	1 39	22 21	0 52	6 1	2 38	19 53	0 34	7 49	1 3	6 6	2 30	13 12	0 46	16 8	1 44	6 48	13 37	12 19	11 49	18 19	12 8	0 50	F 21
S 22	19 43	13 7	0 17	22 26	0 42	5 41	2 51	20 1	0 34	7 44	1 3	6 6	2 31	13 13	0 46	16 8	1 44	6 48	13 37	12 19	11 50	18 19	12 8	0 50	S 22
S 23	19 29	9 6	1s 4	22 30	0 33	5 22	3 4	20 9	0 33	7 39	1 3	6 7	2 31	13 14	0 46	16 9	1 44	6 48	13 36	12 19	11 51	18 18	12 8	0 50	S 23
M24	19 15	4 40	2 19	22 33	0 24	5 4	3 16	20 17	0 32	7 34	1 3	6 7	2 31	13 15	0 46	16 9	1 44	6 49	13 36	12 18	11 52	18 18	12 8	0 50	M24
T 25	19 0	0 8	3 23	22 35	0 16	4 46	3 30	20 25	0 32	7 29	1 3	6 7	2 32	13 15	0 46	16 9	1 44	6 49	13 36	12 18	11 53	18 17	12 9	0 50	T 25
W26	18 45	4n16	4 14	22 36	0 7	4 29	3 43	20 33	0 31	7 24	1 3	6 6	2 32	13 16	0 46	16 9	1 44	6 49	13 36	12 17	11 54	18 17	12 9	0 50	W26
T 27	18 30	8 19	4 50	22 36	0s 1	4 12	3 56	20 40	0 30	7 19	1 3	6 6	2 32	13 17	0 46	16 9	1 44	6 49	13 35	12 17	11 56	18 16	12 9	0 51	T 27
F 28	18 14	11 53	5 10	22 34	0 10	3 57	4 10	20 47	0 30	7 14	1 3	6 6	2 32	13 18	0 46	16 10	1 44	6 50	13 35	12 17	11 57	18 16	12 9	0 51	F 28
S 29	17 58	14 49	5 16	22 32	0 17	3 42	4 24	20 55	0 29	7 9	1 3	6 6	2 33	13 19	0 46	16 10	1 44	6 50	13 35	12 18	11 58	18 15	12 10	0 51	S 29
S 30	17 42	17 4	5 7	22 29	0 25	3 27	4 38	21 2	0 29	7 4	1 3	6 6	2 33	13 20	0 46	16 10	1 44	6 50	13 34	12 18	11 59	18 15	12 10	0 51	S 30
M31	17s26	18n31	4s45	22s24	0s33	3s14	4n52	21s 8	0n28	6s58	1s 3	6s 5	2n33	13n21	0n46	16s10	1n45	6n50	13s34	12n19	12n 0	18n14	12n10	0s51	M31

Julian Day Number = 2498661.5, Delta T = 108.37 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'34, Lahiri = 25°39'34

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ASTRODIENST EPHEMERIS for the year 2129
geocentric

FEBRUARY 2129 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 45 4	12♒ 7'17	5♋16	21♉55	10°R11	8♐28	14♓57	21°R44	26°R37	20♏27	29°R54	27°R29	28♌24	25♋50	4♉23	T 1
W 2	8 49 1	13° 8'12	17° 6	23°20	10♓ 7	9° 6	15°10	21♎44	26♌35	20°28	29♉54	27♌27	28°21	25°57	4°24	W 2
T 3	8 52 57	14° 9'05	28°55	24°47	10° 0	9°44	15°24	21°43	26°32	20°29	29°54	27°25	28°18	26° 4	4°25	T 3
F 4	8 56 54	15° 9'57	10♌45	26°14	9°51	10°22	15°37	21°43	26°30	20°29	29°54	27°24	28°15	26°10	4°26	F 4
S 5	9 0 51	16°10'49	22°38	27°42	9°40	11° 0	15°51	21°42	26°27	20°30	29°53	27°D23	28°12	26°17	4°27	S 5
S 6	9 4 47	17°11'39	4♍37	29°11	9°26	11°38	16° 5	21°42	26°25	20°30	29°53	27°23	28° 9	26°24	4°29	S 6
M 7	9 8 44	18°12'28	16°43	0♒41	9°10	12°16	16°18	21°41	26°22	20°31	29°53	27°24	28° 5	26°30	4°30	M 7
T 8	9 12 40	19°13'16	28°58	2°11	8°51	12°54	16°32	21°40	26°19	20°31	29°53	27°25	28° 2	26°37	4°32	T 8
W 9	9 16 37	20°14'03	11♎25	3°43	8°30	13°32	16°46	21°39	26°17	20°31	29°53	27°25	27°59	26°44	4°33	W 9
T 10	9 20 33	21°14'48	24° 7	5°15	8° 6	14°10	16°59	21°38	26°14	20°32	29°53	27°26	27°56	26°50	4°35	T 10
F 11	9 24 30	22°15'33	7♏ 6	6°48	7°41	14°48	17°13	21°37	26°12	20°32	29°53	27°27	27°53	26°57	4°36	F 11
S 12	9 28 26	23°16'17	20°24	8°22	7°13	15°26	17°27	21°35	26° 9	20°32	29°D53	27°R27	27°50	27° 4	4°38	S 12
S 13	9 32 23	24°17'00	4♐ 5	9°57	6°43	16° 4	17°41	21°34	26° 6	20°33	29°53	27°27	27°46	27°10	4°40	S 13
M14	9 36 20	25°17'43	18° 8	11°32	6°12	16°42	17°55	21°32	26° 4	20°33	29°53	27°27	27°43	27°17	4°41	M14
T 15	9 40 16	26°18'24	2♑32	13° 8	5°39	17°20	18° 9	21°31	26° 1	20°33	29°53	27°26	27°40	27°24	4°43	T 15
W16	9 44 13	27°19'03	17°16	14°45	5° 5	17°58	18°23	21°29	25°58	20°33	29°53	27°D26	27°37	27°30	4°45	W16
T 17	9 48 9	28°19'42	2♒12	16°23	4°30	18°35	18°37	21°27	25°56	20°34	29°53	27°26	27°34	27°37	4°47	T 17
F 18	9 52 6	29°20'20	17°14	18° 2	3°54	19°13	18°51	21°26	25°53	20°34	29°53	27°26	27°30	27°44	4°49	F 18
S 19	9 56 2	0♓20'55	2♓14	19°42	3°17	19°51	19° 6	21°24	25°51	20°34	29°53	27°R26	27°27	27°50	4°51	S 19
S 20	9 59 59	1°21'30	17° 2	21°23	2°40	20°29	19°20	21°21	25°48	20°R34	29°53	27°26	27°24	27°57	4°53	S 20
M21	10 3 55	2°22'03	1♈32	23° 4	2° 2	21° 6	19°34	21°19	25°45	20°34	29°54	27°26	27°21	28° 3	4°55	M21
T 22	10 7 52	3°22'34	15°38	24°47	1°25	21°44	19°48	21°17	25°43	20°34	29°54	27°25	27°18	28°10	4°57	T 22
W23	10 11 48	4°23'03	29°18	26°30	0°48	22°22	20° 2	21°15	25°40	20°34	29°54	27°24	27°15	28°17	5° 0	W23
T 24	10 15 45	5°23'30	12♉31	28°14	0°12	22°59	20°17	21°12	25°38	20°33	29°54	27°24	27°11	28°23	5° 2	T 24
F 25	10 19 42	6°23'56	25°20	29°59	29♒36	23°37	20°31	21°10	25°35	20°33	29°54	27°23	27° 8	28°30	5° 4	F 25
S 26	10 23 38	7°24'20	7♊48	1♓46	29° 2	24°15	20°45	21° 7	25°32	20°33	29°55	27°D23	27° 5	28°37	5° 7	S 26
S 27	10 27 35	8°24'41	19°59	3°33	28°29	24°52	21° 0	21° 4	25°30	20°33	29°55	27°23	27° 2	28°43	5° 9	S 27
M28	10 31 31	9♓25'01	1♋58	5♓21	27♒57	25♐30	21♓14	21♎ 1	25♌27	20♏33	29♉55	27♌24	26♌59	28♋50	5♉11	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s 9	19n 9	4s10	22s18	0s40	3s 2	5n 6	21s15	0n27	6s53	1s 3	6s 5	2n34	13n21	0n46	16s10	1n45	6n50	13s34	12n20	12n 1	18n14	12n10	0s51	T 1
W 2	16 52	18 56	3 25	22 11	0 47	2 50	5 20	21 22	0 26	6 48	1 3	6 5	2 34	13 22	0 46	16 10	1 45	6 51	13 33	12 21	12 2	18 14	12 11	0 51	W 2
T 3	16 34	17 53	2 31	22 2	0 54	2 39	5 34	21 28	0 26	6 43	1 3	6 4	2 34	13 23	0 46	16 10	1 45	6 51	13 33	12 22	12 3	18 13	12 11	0 51	T 3
F 4	16 16	16 4	1 31	21 53	1 0	2 30	5 47	21 34	0 25	6 37	1 3	6 4	2 34	13 24	0 46	16 10	1 45	6 51	13 33	12 22	12 4	18 13	12 12	0 51	F 4
S 5	15 58	13 33	0 26	21 42	1 7	2 21	6 1	21 40	0 24	6 32	1 2	6 4	2 35	13 25	0 46	16 10	1 45	6 52	13 33	12 22	12 5	18 12	12 12	0 51	S 5
S 6	15 40	10 26	0n40	21 29	1 13	2 14	6 15	21 46	0 24	6 27	1 2	6 3	2 35	13 26	0 46	16 11	1 45	6 52	13 32	12 22	12 7	18 12	12 12	0 51	S 6
M 7	15 22	6 52	1 45	21 16	1 18	2 8	6 28	21 52	0 23	6 22	1 2	6 3	2 35	13 27	0 46	16 11	1 45	6 52	13 32	12 22	12 8	18 11	12 13	0 51	M 7
T 8	15 3	2 58	2 47	21 1	1 24	2 2	6 41	21 58	0 22	6 16	1 2	6 2	2 35	13 28	0 46	16 11	1 45	6 52	13 32	12 22	12 9	18 11	12 13	0 51	T 8
W 9	14 44	1s 7	3 41	20 45	1 29	1 59	6 54	22 3	0 21	6 11	1 2	6 1	2 36	13 29	0 46	16 11	1 45	6 53	13 31	12 21	12 10	18 10	12 14	0 51	W 9
T 10	14 24	5 13	4 26	20 28	1 34	1 56	7 6	22 8	0 21	6 5	1 2	6 1	2 36	13 29	0 46	16 11	1 45	6 53	13 31	12 21	12 11	18 10	12 14	0 51	T 10
F 11	14 5	9 10	4 58	20 9	1 39	1 54	7 18	22 14	0 20	6 0	1 2	6 0	2 36	13 30	0 47	16 11	1 45	6 53	13 31	12 21	12 12	18 9	12 15	0 51	F 11
S 12	13 45	12 46	5 16	19 49	1 43	1 54	7 29	22 18	0 19	5 54	1 2	5 59	2 37	13 31	0 47	16 11	1 45	6 54	13 30	12 21	12 13	18 9	12 15	0 51	S 12
S 13	13 25	15 46	5 16	19 28	1 47	1 55	7 40	22 23	0 18	5 49	1 2	5 59	2 37	13 32	0 47	16 11	1 45	6 54	13 30	12 21	12 14	18 8	12 16	0 51	S 13
M14	13 5	17 57	4 58	19 5	1 51	1 57	7 50	22 28	0 18	5 44	1 2	5 58	2 37	13 33	0 47	16 11	1 45	6 54	13 30	12 21	12 15	18 7	12 16	0 51	M14
T 15	12 44	19 3	4 20	18 41	1 54	2 0	7 59	22 32	0 17	5 38	1 2	5 57	2 37	13 34	0 47	16 11	1 45	6 54	13 29	12 21	12 16	18 7	12 17	0 51	T 15
W16	12 24	18 55	3 25	18 15	1 57	2 4	8 8	22 37	0 16	5 32	1 2	5 56	2 38	13 35	0 47	16 11	1 45	6 55	13 29	12 21	12 18	18 6	12 18	0 51	W16
T 17	12 3	17 27	2 16	17 49	1 59	2 9	8 15	22 41	0 15	5 27	1 2	5 55	2 38	13 36	0 47	16 11	1 46	6 55	13 29	12 21	12 19	18 6	12 18	0 51	T 17
F 18	11 42	14 46	0 56	17 21	2 2	2 16	8 22	22 45	0 14	5 21	1 2	5 54	2 38	13 37	0 47	16 11	1 46	6 55	13 28	12 21	12 20	18 5	12 19	0 51	F 18
S 19	11 20	11 5	0s27	16 51	2 4	2 23	8 28	22 49	0 13	5 16	1 2	5 53	2 38	13 38	0 47	16 11	1 46	6 56	13 28	12 21	12 21	18 5	12 19	0 51	S 19
S 20	10 59	6 45	1 47	16 20	2 5	2 32	8 33	22 52	0 13	5 10	1 2	5 52	2 39	13 38	0 47	16 11	1 46	6 56	13 28	12 21	12 22	18 4	12 20	0 51	S 20
M21	10 37	2 7	2 58	15 48	2 6	2 41	8 37	22 56	0 12	5 5	1 2	5 51	2 39	13 39	0 47	16 11	1 46	6 56	13 28	12 21	12 23	18 4	12 21	0 51	M21
T 22	10 16	2n30	3 57	15 15	2 7	2 51	8 40	22 59	0 11	4 59	1 2	5 50	2 39	13 40	0 47	16 11	1 46	6 57	13 27	12 21	12 24	18 3	12 21	0 51	T 22
W23	9 54	6 50	4 40	14 40	2 7	3 2	8 42	23 2	0 10	4 53	1 2	5 49	2 39	13 41	0 47	16 10	1 46	6 57	13 27	12 22	12 25	18 3	12 22	0 51	W23
T 24	9 32	10 42	5 7	14 4	2 7	3 13	8 43	23 5	0 9	4 48	1 2	5 48	2 40	13 42	0 47	16 10	1 46	6 57	13 27	12 22	12 26	18 2	12 23	0 51	T 24
F 25	9 9	13 56	5 17	13 26	2 7	3 25	8 43	23 8	0 8	4 42	1 2	5 47	2 40	13 43	0 47	16 10	1 46	6 58	13 26	12 22	12 27	18 1	12 24	0 51	F 25
S 26	8 47	16 27	5 12	12 48	2 6	3 38	8 42	23 11	0 7	4 37	1 2	5 46	2 40	13 44	0 47	16 10	1 46	6 58	13 26	12 22	12 28	18 1	12 24	0 51	S 26
S 27	8 25	18 10	4 53	12 7	2 4	3 51	8 41	23 13	0 6	4 31	1 2	5 44	2 40	13 44	0 47	16 10	1 46	6 59	13 26	12 22	12 30	18 0	12 25	0 51	S 27
M28	8s 2	19n 3	4s22	11s26	2s 2	4s 4	8n38	23s15	0n 5	4s25	1s 2	5s43	2n40	13n45	0n47	16s10	1n46	6n59	13s25	12n22	12n31	18n 0	12n26	0s52	M28

Julian Day Number = 2498692.5, Delta T = 108.42 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'38, Lahiri = 25°39'39

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ASTRODIENST EPHEMERIS for the year 2129
geocentric

MARCH 2129 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 28	10♓25'19	13♋49	7♓10	27°R27	26♐ 7	21♓29	20°R59	25°R25	20°R32	29♉56	27♌25	26♌56	28♋57	5♉14	T 1
W 2	10 39 24	11°25'35	25°37	9° 1	26♒59	26°45	21°43	20♎56	25♌22	20♏32	29°56	27°26	26°52	29° 3	5°16	W 2
T 3	10 43 21	12°25'49	7♌26	10°52	26°33	27°22	21°57	20°53	25°20	20°32	29°57	27°28	26°49	29°10	5°19	T 3
F 4	10 47 17	13°26'01	19°19	12°44	26° 9	28° 0	22°12	20°49	25°17	20°31	29°57	27°29	26°46	29°17	5°22	F 4
S 5	10 51 14	14°26'11	1♍19	14°37	25°47	28°37	22°26	20°46	25°15	20°31	29°57	27°R29	26°43	29°23	5°24	S 5
S 6	10 55 11	15°26'20	13°29	16°31	25°27	29°14	22°41	20°43	25°12	20°31	29°58	27°28	26°40	29°30	5°27	S 6
M 7	10 59 7	16°26'26	25°49	18°25	25°10	29°52	22°55	20°39	25°10	20°30	29°58	27°26	26°36	29°37	5°30	M 7
T 8	11 3 4	17°26'31	8♎21	20°21	24°56	0♑29	23°10	20°36	25° 8	20°30	29°59	27°24	26°33	29°43	5°33	T 8
W 9	11 7 0	18°26'34	21° 7	22°17	24°43	1° 6	23°24	20°33	25° 5	20°29	29°59	27°20	26°30	29°50	5°35	W 9
T 10	11 10 57	19°26'35	4♏ 6	24°13	24°34	1°43	23°39	20°29	25° 3	20°29	29°59	27°17	26°27	29°57	5°38	T 10
F 11	11 14 53	20°26'35	17°18	26°10	24°27	2°21	23°53	20°25	25° 1	20°28	0♊ 0	27°14	26°24	0♌ 3	5°41	F 11
S 12	11 18 50	21°26'33	0♐45	28° 8	24°22	2°58	24° 8	20°22	24°58	20°27	0° 1	27°11	26°21	0°10	5°44	S 12
S 13	11 22 46	22°26'29	14°26	0♈ 5	24°D20	3°35	24°23	20°18	24°56	20°27	0° 2	27°10	26°17	0°17	5°47	S 13
M14	11 26 43	23°26'24	28°21	2° 2	24°20	4°12	24°37	20°14	24°54	20°26	0° 2	27°D10	26°14	0°23	5°50	M14
T 15	11 30 40	24°26'17	12♑30	3°59	24°22	4°49	24°52	20°10	24°52	20°25	0° 3	27°11	26°11	0°30	5°53	T 15
W16	11 34 36	25°26'09	26°52	5°55	24°27	5°26	25° 6	20° 6	24°49	20°25	0° 3	27°12	26° 8	0°37	5°56	W16
T 17	11 38 33	26°25'59	11♒23	7°50	24°34	6° 3	25°21	20° 2	24°47	20°24	0° 4	27°14	26° 5	0°43	5°59	T 17
F 18	11 42 29	27°25'47	26° 0	9°44	24°44	6°40	25°35	19°58	24°45	20°23	0° 5	27°R14	26° 1	0°50	6° 2	F 18
S 19	11 46 26	28°25'33	10♓37	11°36	24°56	7°17	25°50	19°54	24°43	20°22	0° 6	27°14	25°58	0°57	6° 6	S 19
S 20	11 50 22	29°25'18	25° 8	13°25	25° 9	7°54	26° 4	19°50	24°41	20°21	0° 6	27°12	25°55	1° 3	6° 9	S 20
M21	11 54 19	0♈25'00	9♈28	15°12	25°25	8°31	26°19	19°45	24°39	20°20	0° 7	27° 8	25°52	1°10	6°12	M21
T 22	11 58 15	1°24'41	23°29	16°56	25°43	9° 8	26°33	19°41	24°37	20°19	0° 8	27° 3	25°49	1°17	6°15	T 22
W23	12 2 12	2°24'19	7♉10	18°36	26° 2	9°44	26°48	19°37	24°35	20°19	0° 9	26°57	25°46	1°23	6°19	W23
T 24	12 6 8	3°23'55	20°26	20°13	26°24	10°21	27° 2	19°33	24°33	20°18	0° 9	26°51	25°42	1°30	6°22	T 24
F 25	12 10 5	4°23'29	3♊19	21°44	26°47	10°57	27°17	19°28	24°32	20°17	0°10	26°46	25°39	1°37	6°25	F 25
S 26	12 14 2	5°23'01	15°51	23°11	27°12	11°34	27°31	19°24	24°30	20°16	0°11	26°42	25°36	1°43	6°29	S 26
S 27	12 17 58	6°22'30	28° 4	24°32	27°39	12°11	27°46	19°19	24°28	20°15	0°12	26°40	25°33	1°50	6°32	S 27
M28	12 21 55	7°21'58	10♋ 5	25°48	28° 7	12°47	28° 0	19°15	24°26	20°13	0°13	26°D40	25°30	1°57	6°35	M28
T 29	12 25 51	8°21'23	21°56	26°58	28°37	13°23	28°15	19°10	24°25	20°12	0°14	26°41	25°27	2° 3	6°39	T 29
W30	12 29 48	9°20'45	3♌44	28° 1	29° 8	14° 0	28°29	19° 6	24°23	20°11	0°15	26°42	25°23	2°10	6°42	W30
T 31	12 33 44	10♈20'05	15♌34	28♈57	29♒41	14♑36	28♓44	19♎ 1	24♌21	20♏10	0♊15	26♌44	25♌20	2♌17	6♉46	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s39	19n 4	3s39	10s43	2s 0	4s17	8n34	23s18	0n 4	4s19	1s 2	5s42	2n41	13n46	0n47	16s10	1n46	6n59	13s25	12n22	12n32	17n59	12n27	0s52
W 2	7 16	18 15	2 48	9 59	1 57	4 30	8 30	23 20	0 3	4 14	1 2	5 41	2 41	13 47	0 46	16 10	1 46	7 0	13 25	12 21	12 33	17 59	12 28	0 52
T 3	6 53	16 39	1 49	9 14	1 53	4 44	8 25	23 21	0 2	4 8	1 2	5 39	2 41	13 48	0 46	16 10	1 46	7 0	13 24	12 21	12 34	17 58	12 28	0 52
F 4	6 30	14 18	0 45	8 28	1 49	4 57	8 19	23 23	0 1	4 2	1 2	5 38	2 41	13 49	0 46	16 9	1 46	7 0	13 24	12 20	12 35	17 57	12 29	0 52
S 5	6 7	11 20	0n21	7 40	1 45	5 11	8 13	23 25	0 0	3 57	1 2	5 36	2 41	13 49	0 46	16 9	1 46	7 1	13 24	12 20	12 36	17 57	12 30	0 52
S 6	5 44	7 50	1 27	6 51	1 40	5 24	8 5	23 26	0s 1	3 51	1 2	5 35	2 42	13 50	0 46	16 9	1 46	7 1	13 24	12 21	12 37	17 56	12 31	0 52
M 7	5 21	3 58	2 30	6 1	1 34	5 36	7 58	23 27	0 2	3 45	1 2	5 34	2 42	13 51	0 46	16 9	1 47	7 2	13 23	12 21	12 38	17 56	12 32	0 52
T 8	4 57	0s 8	3 27	5 10	1 28	5 49	7 49	23 28	0 3	3 40	1 2	5 32	2 42	13 52	0 46	16 9	1 47	7 2	13 23	12 22	12 39	17 55	12 33	0 52
W 9	4 34	4 18	4 14	4 18	1 21	6 1	7 41	23 29	0 4	3 34	1 2	5 31	2 42	13 53	0 46	16 9	1 47	7 2	13 23	12 23	12 40	17 54	12 34	0 52
T 10	4 11	8 20	4 50	3 25	1 14	6 13	7 32	23 30	0 5	3 28	1 2	5 29	2 42	13 53	0 46	16 8	1 47	7 3	13 22	12 24	12 41	17 54	12 34	0 52
F 11	3 47	12 1	5 10	2 32	1 6	6 24	7 22	23 30	0 6	3 22	1 2	5 28	2 43	13 54	0 46	16 8	1 47	7 3	13 22	12 25	12 42	17 53	12 35	0 52
S 12	3 23	15 10	5 14	1 37	0 57	6 35	7 13	23 31	0 7	3 17	1 2	5 26	2 43	13 55	0 46	16 8	1 47	7 4	13 22	12 26	12 44	17 53	12 36	0 52
S 13	3 0	17 32	5 1	0 42	0 48	6 45	7 3	23 31	0 8	3 11	1 2	5 25	2 43	13 56	0 46	16 8	1 47	7 4	13 21	12 27	12 45	17 52	12 37	0 52
M14	2 36	18 55	4 29	0n13	0 39	6 55	6 52	23 31	0 10	3 5	1 2	5 23	2 43	13 56	0 46	16 7	1 47	7 4	13 21	12 27	12 46	17 51	12 38	0 52
T 15	2 12	19 9	3 42	1 9	0 29	7 4	6 42	23 31	0 11	2 59	1 2	5 21	2 43	13 57	0 46	16 7	1 47	7 5	13 21	12 26	12 47	17 51	12 39	0 52
W16	1 49	18 10	2 39	2 5	0 18	7 12	6 31	23 30	0 12	2 54	1 2	5 20	2 43	13 58	0 46	16 7	1 47	7 5	13 21	12 26	12 48	17 50	12 40	0 52
T 17	1 25	15 58	1 26	3 0	0 7	7 20	6 20	23 30	0 13	2 48	1 2	5 18	2 43	13 59	0 46	16 7	1 47	7 6	13 20	12 25	12 49	17 49	12 41	0 52
F 18	1 1	12 44	0 7	3 55	0n 5	7 27	6 10	23 29	0 14	2 42	1 2	5 16	2 44	13 59	0 46	16 6	1 47	7 6	13 20	12 25	12 50	17 49	12 42	0 52
S 19	0 38	8 42	1s13	4 50	0 17	7 34	5 59	23 29	0 16	2 36	1 2	5 15	2 44	14 0	0 46	16 6	1 47	7 6	13 20	12 25	12 51	17 48	12 43	0 52
S 20	0 14	4 11	2 27	5 44	0 29	7 40	5 48	23 28	0 17	2 31	1 2	5 13	2 44	14 1	0 46	16 6	1 47	7 7	13 20	12 26	12 52	17 47	12 44	0 52
M21	0n10	0n31	3 31	6 37	0 41	7 45	5 37	23 27	0 18	2 25	1 2	5 11	2 44	14 1	0 46	16 6	1 47	7 7	13 19	12 28	12 53	17 47	12 45	0 52
T 22	0 34	5 5	4 20	7 28	0 54	7 49	5 26	23 26	0 19	2 19	1 2	5 10	2 44	14 2	0 46	16 5	1 47	7 8	13 19	12 29	12 54	17 46	12 46	0 52
W23	0 57	9 16	4 53	8 18	1 6	7 53	5 15	23 24	0 21	2 13	1 2	5 8	2 44	14 2	0 46	16 5	1 47	7 8	13 19	12 31	12 55	17 45	12 47	0 52
T 24	1 21	12 52	5 10	9 6	1 19	7 56	5 4	23 23	0 22	2 8	1 2	5 6	2 44	14 3	0 46	16 5	1 47	7 8	13 18	12 33	12 56	17 45	12 48	0 53
F 25	1 45	15 44	5 9	9 52	1 31	7 59	4 53	23 21	0 23	2 2	1 2	5 4	2 44	14 4	0 46	16 4	1 47	7 9	13 18	12 35	12 58	17 44	12 49	0 53
S 26	2 8	17 47	4 54	10 36	1 43	8 0	4 42	23 19	0 25	1 56	1 2	5 3	2 45	14 4	0 46	16 4	1 47	7 9	13 18	12 36	12 59	17 44	12 50	0 53
S 27	2 32	18 58	4 26	11 17	1 55	8 2	4 32	23 18	0 26	1 51	1 2	5 1	2 45	14 5	0 46	16 4	1 48	7 10	13 18	12 37	13 0	17 43	12 51	0 53
M28	2 55	19 16	3 47	11 55	2 6	8 2	4 21	23 16	0 27	1 45	1 3	4 59	2 45	14 5	0 46	16 4	1 48	7 10	13 17	12 37	13 1	17 42	12 53	0 53
T 29	3 19	18 42	2 58	12 31	2 17	8 2	4 10	23 13	0 29	1 39	1 3	4 57	2 45	14 6	0 46	16 3	1 48	7 10	13 17	12 37	13 2	17 41	12 54	0 53
W30	3 42	17 20	2 2	13 3	2 27	8 1	4 0	23 11	0 30	1 34	1 3	4 56	2 45	14 6	0 46	16 3	1 48	7 11	13 17	12 36	13 3	17 41	12 55	0 53
T 31	4n 5	15n12	1s 0	13n32	2n37	7s59	3n50	23s 9	0s31	1s28	1s 3	4s54	2n45	14n 7	0n46	16s 3	1n48	7n11	13s17	12n36	13n 4	17n40	12n56	0s53

Julian Day Number = 2498720.5, Delta T = 108.47 sec
Ecliptic obliquity = 23°25'14, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'42, Lahiri = 25°39'43

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ASTRODIENST EPHEMERIS for the year 2129
geocentric

APRIL 2129 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 37 41	11♈19'23	27♌31	29♈47	0♓15	15♉12	28♓58	18°R57	24°R20	20°R 9	0♊16	26°R45	25♌17	2♌23	6♉49	F 1
S 2	12 41 37	12°18'39	9♍38	0♉30	0°51	15°48	29°12	18♎52	24♌18	20♏ 8	0°17	26♌44	25°14	2°30	6°53	S 2
S 3	12 45 34	13°17'53	21°58	1° 6	1°27	16°24	29°27	18°47	24°17	20° 7	0°18	26°41	25°11	2°37	6°56	S 3
M 4	12 49 31	14°17'04	4♎33	1°34	2° 5	17° 0	29°41	18°43	24°15	20° 5	0°19	26°35	25° 7	2°43	7° 0	M 4
T 5	12 53 27	15°16'14	17°25	1°56	2°44	17°36	29°55	18°38	24°14	20° 4	0°20	26°28	25° 4	2°50	7° 4	T 5
W 6	12 57 24	16°15'21	0♏34	2°10	3°25	18°12	0♈ 9	18°33	24°13	20° 3	0°21	26°20	25° 1	2°56	7° 7	W 6
T 7	13 1 20	17°14'26	13°57	2°17	4° 6	18°48	0°24	18°29	24°11	20° 2	0°22	26°11	24°58	3° 3	7°11	T 7
F 8	13 5 17	18°13'30	27°32	2°R17	4°48	19°24	0°38	18°24	24°10	20° 0	0°23	26° 3	24°55	3°10	7°15	F 8
S 9	13 9 13	19°12'32	11♐18	2°10	5°32	20° 0	0°52	18°20	24° 9	19°59	0°24	25°56	24°52	3°16	7°18	S 9
S 10	13 13 10	20°11'32	25°13	1°57	6°16	20°35	1° 6	18°15	24° 8	19°58	0°25	25°51	24°48	3°23	7°22	S 10
M11	13 17 6	21°10'30	9♑13	1°38	7° 1	21°11	1°20	18°10	24° 7	19°56	0°26	25°49	24°45	3°30	7°26	M11
T 12	13 21 3	22° 9'26	23°18	1°13	7°47	21°46	1°34	18° 6	24° 6	19°55	0°28	25°D48	24°42	3°36	7°29	T 12
W13	13 25 0	23° 8'21	7♒27	0°44	8°35	22°22	1°48	18° 1	24° 5	19°53	0°29	25°48	24°39	3°43	7°33	W13
T 14	13 28 56	24° 7'14	21°38	0°10	9°22	22°57	2° 2	17°56	24° 4	19°52	0°30	25°R49	24°36	3°50	7°37	T 14
F 15	13 32 53	25° 6'06	5♓50	29♈32	10°11	23°32	2°16	17°52	24° 3	19°51	0°31	25°49	24°32	3°56	7°41	F 15
S 16	13 36 49	26° 4'55	20° 0	28°52	11° 0	24° 7	2°30	17°47	24° 2	19°49	0°32	25°46	24°29	4° 3	7°44	S 16
S 17	13 40 46	27° 3'43	4♈ 6	28°10	11°50	24°42	2°44	17°43	24° 1	19°48	0°33	25°42	24°26	4°10	7°48	S 17
M18	13 44 42	28° 2'29	18° 3	27°26	12°41	25°17	2°58	17°38	24° 1	19°46	0°34	25°34	24°23	4°16	7°52	M18
T 19	13 48 39	29° 1'13	1♉47	26°42	13°33	25°52	3°12	17°34	24° 0	19°45	0°36	25°24	24°20	4°23	7°56	T 19
W20	13 52 35	29°59'55	15°14	25°59	14°25	26°27	3°26	17°29	23°59	19°43	0°37	25°13	24°17	4°30	7°59	W20
T 21	13 56 32	0♉58'35	28°23	25°17	15°18	27° 1	3°39	17°25	23°59	19°42	0°38	25° 2	24°13	4°36	8° 3	T 21
F 22	14 0 29	1°57'13	11♊12	24°36	16°11	27°36	3°53	17°20	23°58	19°40	0°39	24°52	24°10	4°43	8° 7	F 22
S 23	14 4 25	2°55'49	23°43	23°59	17° 5	28°10	4° 7	17°16	23°58	19°39	0°40	24°44	24° 7	4°50	8°11	S 23
S 24	14 8 22	3°54'23	5♋56	23°24	17°59	28°45	4°20	17°11	23°57	19°37	0°42	24°38	24° 4	4°56	8°15	S 24
M25	14 12 18	4°52'55	17°56	22°53	18°54	29°19	4°34	17° 7	23°57	19°35	0°43	24°34	24° 1	5° 3	8°19	M25
T 26	14 16 15	5°51'25	29°48	22°26	19°49	29°53	4°47	17° 3	23°57	19°34	0°44	24°33	23°58	5°10	8°22	T 26
W27	14 20 11	6°49'52	11♌37	22° 4	20°45	0♒27	5° 1	16°58	23°56	19°32	0°45	24°D33	23°54	5°16	8°26	W27
T 28	14 24 8	7°48'17	23°27	21°46	21°42	1° 1	5°14	16°54	23°56	19°31	0°47	24°R33	23°51	5°23	8°30	T 28
F 29	14 28 4	8°46'40	5♍26	21°33	22°39	1°35	5°27	16°50	23°56	19°29	0°48	24°33	23°48	5°29	8°34	F 29
S 30	14 32 1	9♉45'01	17♍36	21♈25	23♓36	2♒ 8	5♈41	16♎46	23♌56	19♏28	0♊49	24♌31	23♌45	5♌36	8♉38	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n29	12n24	0n 4	13n58	2n45	7s57	3n39	23s 6	0s33	1s22	1s 3	4s52	2n45	14n 7	0n46	16s 2	1n48	7n12	13s16	12n35	13n 5	17n39	12n57	0s53
S 2	4 52	9 1	1 9	14 20	2 53	7 54	3 29	23 3	0 34	1 17	1 3	4 50	2 45	14 8	0 46	16 2	1 48	7 12	13 16	12 36	13 6	17 39	12 58	0 53
S 3	5 15	5 13	2 12	14 39	2 59	7 51	3 19	23 0	0 36	1 11	1 3	4 49	2 45	14 8	0 46	16 1	1 48	7 13	13 16	12 37	13 7	17 38	12 59	0 53
M 4	5 38	1 6	3 10	14 54	3 5	7 46	3 9	22 57	0 37	1 5	1 3	4 47	2 45	14 9	0 46	16 1	1 48	7 13	13 16	12 39	13 8	17 37	13 0	0 53
T 5	6 1	3s 9	3 59	15 5	3 9	7 42	3 0	22 54	0 39	1 0	1 3	4 45	2 45	14 9	0 46	16 1	1 48	7 13	13 16	12 41	13 9	17 37	13 1	0 53
W 6	6 23	7 20	4 37	15 13	3 12	7 36	2 50	22 51	0 40	0 54	1 3	4 43	2 45	14 10	0 46	16 0	1 48	7 14	13 15	12 44	13 10	17 36	13 2	0 53
T 7	6 46	11 14	5 0	15 17	3 13	7 30	2 41	22 48	0 42	0 49	1 3	4 41	2 45	14 10	0 46	16 0	1 48	7 14	13 15	12 47	13 11	17 35	13 4	0 53
F 8	7 8	14 37	5 6	15 17	3 13	7 24	2 31	22 44	0 43	0 43	1 3	4 40	2 45	14 10	0 46	16 0	1 48	7 15	13 15	12 50	13 12	17 34	13 5	0 53
S 9	7 31	17 14	4 56	15 13	3 12	7 16	2 22	22 41	0 45	0 37	1 3	4 38	2 45	14 11	0 46	15 59	1 48	7 15	13 15	12 52	13 14	17 34	13 6	0 53
S 10	7 53	18 53	4 28	15 6	3 9	7 9	2 13	22 37	0 47	0 32	1 3	4 36	2 45	14 11	0 46	15 59	1 48	7 15	13 14	12 54	13 15	17 33	13 7	0 53
M11	8 15	19 23	3 43	14 55	3 4	7 0	2 4	22 33	0 48	0 26	1 3	4 34	2 45	14 11	0 46	15 58	1 48	7 16	13 14	12 54	13 16	17 32	13 8	0 54
T 12	8 37	18 42	2 45	14 40	2 58	6 51	1 55	22 29	0 50	0 21	1 4	4 33	2 45	14 12	0 46	15 58	1 48	7 16	13 14	12 55	13 17	17 32	13 9	0 54
W13	8 59	16 50	1 37	14 23	2 51	6 42	1 47	22 25	0 52	0 15	1 4	4 31	2 45	14 12	0 46	15 58	1 48	7 17	13 14	12 54	13 18	17 31	13 10	0 54
T 14	9 21	13 56	0 22	14 2	2 41	6 32	1 39	22 21	0 53	0 10	1 4	4 29	2 45	14 12	0 46	15 57	1 48	7 17	13 14	12 54	13 19	17 30	13 12	0 54
F 15	9 42	10 12	0s53	13 39	2 31	6 21	1 30	22 17	0 55	0 4	1 4	4 27	2 45	14 13	0 45	15 57	1 48	7 17	13 13	12 54	13 20	17 29	13 13	0 54
S 16	10 4	5 53	2 6	13 14	2 19	6 10	1 22	22 12	0 57	0n 1	1 4	4 26	2 45	14 13	0 45	15 56	1 48	7 18	13 13	12 55	13 21	17 29	13 14	0 54
S 17	10 25	1 16	3 10	12 46	2 6	5 58	1 14	22 8	0 59	0 7	1 4	4 24	2 45	14 13	0 45	15 56	1 48	7 18	13 13	12 57	13 22	17 28	13 15	0 54
M18	10 46	3n21	4 1	12 17	1 52	5 46	1 6	22 3	1 0	0 12	1 4	4 22	2 45	14 13	0 45	15 56	1 48	7 19	13 13	12 59	13 23	17 27	13 16	0 54
T 19	11 7	7 44	4 38	11 47	1 36	5 34	0 59	21 58	1 2	0 17	1 4	4 21	2 45	14 13	0 45	15 55	1 48	7 19	13 13	13 3	13 24	17 26	13 17	0 54
W20	11 28	11 38	4 59	11 17	1 21	5 21	0 51	21 54	1 4	0 23	1 4	4 19	2 45	14 14	0 45	15 55	1 48	7 19	13 13	13 6	13 25	17 26	13 19	0 54
T 21	11 48	14 52	5 3	10 46	1 4	5 7	0 44	21 49	1 6	0 28	1 4	4 17	2 45	14 14	0 45	15 54	1 48	7 20	13 12	13 10	13 26	17 25	13 20	0 54
F 22	12 9	17 18	4 51	10 16	0 47	4 53	0 37	21 44	1 8	0 33	1 4	4 16	2 45	14 14	0 45	15 54	1 48	7 20	13 12	13 13	13 27	17 24	13 21	0 54
S 23	12 29	18 51	4 26	9 46	0 30	4 39	0 30	21 39	1 10	0 39	1 5	4 14	2 45	14 14	0 45	15 53	1 48	7 21	13 12	13 16	13 28	17 23	13 22	0 54
S 24	12 49	19 29	3 49	9 18	0 14	4 24	0 23	21 34	1 12	0 44	1 5	4 12	2 45	14 14	0 45	15 53	1 48	7 21	13 12	13 18	13 29	17 23	13 23	0 54
M25	13 8	19 13	3 2	8 51	0s 3	4 8	0 16	21 29	1 13	0 49	1 5	4 11	2 45	14 14	0 45	15 53	1 48	7 21	13 12	13 19	13 30	17 22	13 24	0 54
T 26	13 28	18 6	2 8	8 25	0 20	3 53	0 10	21 23	1 15	0 55	1 5	4 9	2 45	14 14	0 45	15 52	1 48	7 22	13 12	13 20	13 31	17 21	13 25	0 55
W27	13 47	16 12	1 8	8 2	0 36	3 37	0 3	21 18	1 17	1 0	1 5	4 8	2 45	14 14	0 45	15 52	1 48	7 22	13 11	13 20	13 33	17 20	13 27	0 55
T 28	14 6	13 36	0 6	7 41	0 51	3 20	0s 3	21 13	1 19	1 5	1 5	4 6	2 44	14 14	0 45	15 51	1 48	7 23	13 11	13 20	13 34	17 19	13 28	0 55
F 29	14 25	10 24	0n58	7 22	1 6	3 4	0 9	21 7	1 21	1 10	1 5	4 5	2 44	14 14	0 45	15 51	1 48	7 23	13 11	13 20	13 35	17 19	13 29	0 55
S 30	14n43	6n44	1n59	7n 6	1s21	2s46	0s15	21s 2	1s24	1n15	1s 5	4s 3	2n44	14n14	0n45	15s50	1n48	7n23	13s11	13n20	13n36	17n18	13n30	0s55

Julian Day Number = 2498751.5, Delta T = 108.52 sec
Ecliptic obliquity = 23°25'14, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'46, Lahiri = 25°39'47

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ASTRODIENST EPHEMERIS for the year 2129
geocentric

MAY 2129 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 57	10♉43'20	0♎ 3	21°D21	24♓34	2♒42	5♈54	16°R42	23°D56	19°R26	0♊50	24°R26	23♌42	5♌43	8♉42	S 1
M 2	14 39 54	11°41'38	12°50	21♈23	25°32	3°15	6° 7	16♎38	23♌56	19♏24	0°52	24♌19	23°38	5°49	8°45	M 2
T 3	14 43 51	12°39'53	25°59	21°29	26°30	3°48	6°20	16°34	23°56	19°23	0°53	24° 9	23°35	5°56	8°49	T 3
W 4	14 47 47	13°38'06	9♏28	21°41	27°29	4°21	6°33	16°30	23°56	19°21	0°54	23°58	23°32	6° 3	8°53	W 4
T 5	14 51 44	14°36'18	23°15	21°57	28°29	4°54	6°46	16°26	23°56	19°19	0°55	23°46	23°29	6° 9	8°57	T 5
F 6	14 55 40	15°34'27	7♐17	22°17	29°28	5°27	6°59	16°23	23°56	19°18	0°57	23°35	23°26	6°16	9° 1	F 6
S 7	14 59 37	16°32'36	21°29	22°42	0♈28	6° 0	7°12	16°19	23°57	19°16	0°58	23°25	23°23	6°23	9° 5	S 7
S 8	15 3 33	17°30'43	5♑46	23°11	1°29	6°32	7°25	16°15	23°57	19°15	0°59	23°18	23°19	6°29	9° 8	S 8
M 9	15 7 30	18°28'48	20° 3	23°44	2°29	7° 4	7°37	16°12	23°57	19°13	1° 1	23°13	23°16	6°36	9°12	M 9
T 10	15 11 27	19°26'52	4♒17	24°21	3°30	7°37	7°50	16° 8	23°58	19°11	1° 2	23°11	23°13	6°43	9°16	T 10
W11	15 15 23	20°24'55	18°26	25° 2	4°32	8° 9	8° 3	16° 5	23°58	19°10	1° 3	23°11	23°10	6°49	9°20	W11
T 12	15 19 20	21°22'56	2♓29	25°47	5°33	8°41	8°15	16° 1	23°59	19° 8	1° 5	23°11	23° 7	6°56	9°24	T 12
F 13	15 23 16	22°20'56	16°25	26°35	6°35	9°12	8°27	15°58	23°59	19° 6	1° 6	23°10	23° 4	7° 3	9°27	F 13
S 14	15 27 13	23°18'55	0♈14	27°27	7°37	9°44	8°40	15°55	24° 0	19° 5	1° 7	23° 7	23° 0	7° 9	9°31	S 14
S 15	15 31 9	24°16'52	13°55	28°22	8°40	10°15	8°52	15°52	24° 1	19° 3	1° 9	23° 1	22°57	7°16	9°35	S 15
M16	15 35 6	25°14'48	27°27	29°20	9°42	10°46	9° 4	15°49	24° 2	19° 2	1°10	22°52	22°54	7°23	9°39	M16
T 17	15 39 2	26°12'43	10♉47	0♉21	10°45	11°17	9°16	15°46	24° 2	19° 0	1°11	22°41	22°51	7°29	9°42	T 17
W18	15 42 59	27°10'36	23°54	1°25	11°49	11°48	9°28	15°43	24° 3	18°58	1°13	22°28	22°48	7°36	9°46	W18
T 19	15 46 55	28° 8'28	6♊47	2°32	12°52	12°18	9°40	15°40	24° 4	18°57	1°14	22°15	22°44	7°43	9°50	T 19
F 20	15 50 52	29° 6'19	19°25	3°42	13°56	12°48	9°52	15°37	24° 5	18°55	1°16	22° 3	22°41	7°49	9°53	F 20
S 21	15 54 49	0♊ 4'08	1♋47	4°54	14°59	13°18	10° 4	15°34	24° 6	18°53	1°17	21°53	22°38	7°56	9°57	S 21
S 22	15 58 45	1° 1'55	13°55	6° 9	16° 4	13°48	10°16	15°32	24° 7	18°52	1°18	21°45	22°35	8° 2	10° 1	S 22
M23	16 2 42	1°59'41	25°53	7°27	17° 8	14°18	10°27	15°29	24° 8	18°50	1°20	21°41	22°32	8° 9	10° 4	M23
T 24	16 6 38	2°57'25	7♌44	8°47	18°12	14°47	10°39	15°27	24°10	18°49	1°21	21°38	22°29	8°16	10° 8	T 24
W25	16 10 35	3°55'08	19°31	10°10	19°17	15°16	10°50	15°25	24°11	18°47	1°22	21°D37	22°25	8°22	10°12	W25
T 26	16 14 31	4°52'49	1♍21	11°35	20°22	15°45	11° 2	15°22	24°12	18°46	1°24	21°R37	22°22	8°29	10°15	T 26
F 27	16 18 28	5°50'29	13°19	13° 3	21°27	16°14	11°13	15°20	24°13	18°44	1°25	21°37	22°19	8°36	10°19	F 27
S 28	16 22 24	6°48'07	25°30	14°33	22°32	16°42	11°24	15°18	24°15	18°43	1°26	21°36	22°16	8°42	10°22	S 28
S 29	16 26 21	7°45'43	8♎ 0	16° 6	23°37	17°10	11°35	15°16	24°16	18°41	1°28	21°32	22°13	8°49	10°26	S 29
M30	16 30 18	8°43'18	20°52	17°41	24°43	17°38	11°46	15°14	24°18	18°39	1°29	21°27	22°10	8°56	10°29	M30
T 31	16 34 14	9♊40'52	4♏ 8	19♉18	25♈48	18♒ 5	11♈57	15♎13	24♌19	18♏38	1♊30	21♌18	22♌ 6	9♌ 2	10♉33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 2	2n41	2n57	6n52	1s34	2s29	0s21	20s56	1s26	1n20	1s 5	4s 2	2n44	14n14	0n45	15s50	1n48	7n24	13s11	13n22	13n37	17n17	13n31	0s55
M 2	15 20	1s35	3 47	6 41	1 47	2 11	0 27	20 50	1 28	1 25	1 6	4 0	2 44	14 14	0 45	15 50	1 48	7 24	13 11	13 24	13 38	17 16	13 32	0 55
T 3	15 38	5 54	4 26	6 32	1 59	1 53	0 32	20 45	1 30	1 31	1 6	3 59	2 44	14 14	0 45	15 49	1 48	7 24	13 11	13 28	13 39	17 15	13 34	0 55
W 4	15 55	10 1	4 51	6 26	2 10	1 34	0 38	20 39	1 32	1 36	1 6	3 58	2 44	14 14	0 45	15 49	1 49	7 25	13 11	13 31	13 40	17 15	13 35	0 55
T 5	16 12	13 43	5 1	6 23	2 20	1 16	0 43	20 33	1 34	1 41	1 6	3 56	2 44	14 14	0 45	15 48	1 49	7 25	13 10	13 35	13 41	17 14	13 36	0 55
F 6	16 29	16 42	4 52	6 22	2 29	0 56	0 48	20 27	1 36	1 46	1 6	3 55	2 43	14 14	0 45	15 48	1 49	7 25	13 10	13 39	13 42	17 13	13 37	0 55
S 7	16 46	18 43	4 26	6 23	2 38	0 37	0 53	20 21	1 39	1 50	1 6	3 54	2 43	14 14	0 45	15 47	1 49	7 26	13 10	13 42	13 43	17 12	13 38	0 55
S 8	17 3	19 35	3 43	6 27	2 45	0 18	0 58	20 15	1 41	1 55	1 6	3 52	2 43	14 14	0 45	15 47	1 49	7 26	13 10	13 45	13 44	17 11	13 39	0 55
M 9	17 19	19 12	2 46	6 33	2 52	0n 2	1 2	20 9	1 43	2 0	1 6	3 51	2 43	14 14	0 45	15 46	1 49	7 26	13 10	13 46	13 45	17 11	13 40	0 56
T 10	17 35	17 35	1 38	6 41	2 58	0 22	1 7	20 3	1 46	2 5	1 7	3 50	2 43	14 13	0 45	15 46	1 49	7 27	13 10	13 47	13 46	17 10	13 41	0 56
W11	17 50	14 53	0 25	6 51	3 3	0 43	1 11	19 57	1 48	2 10	1 7	3 49	2 43	14 13	0 45	15 46	1 49	7 27	13 10	13 47	13 47	17 9	13 43	0 56
T 12	18 6	11 21	0s49	7 3	3 7	1 3	1 15	19 51	1 50	2 15	1 7	3 48	2 43	14 13	0 44	15 45	1 49	7 27	13 10	13 47	13 48	17 8	13 44	0 56
F 13	18 21	7 11	2 0	7 17	3 10	1 24	1 19	19 45	1 53	2 19	1 7	3 47	2 42	14 13	0 44	15 45	1 49	7 28	13 10	13 47	13 49	17 7	13 45	0 56
S 14	18 35	2 42	3 2	7 33	3 13	1 45	1 23	19 39	1 55	2 24	1 7	3 46	2 42	14 13	0 44	15 44	1 49	7 28	13 10	13 48	13 50	17 6	13 46	0 56
S 15	18 50	1n53	3 54	7 51	3 15	2 6	1 27	19 33	1 58	2 29	1 7	3 45	2 42	14 12	0 44	15 44	1 49	7 28	13 10	13 50	13 51	17 5	13 47	0 56
M16	19 4	6 19	4 32	8 10	3 16	2 27	1 31	19 27	2 0	2 34	1 7	3 44	2 42	14 12	0 44	15 43	1 48	7 29	13 10	13 53	13 52	17 5	13 48	0 56
T 17	19 17	10 23	4 54	8 31	3 17	2 49	1 34	19 21	2 3	2 38	1 8	3 43	2 42	14 12	0 44	15 43	1 48	7 29	13 9	13 57	13 53	17 4	13 49	0 56
W18	19 31	13 53	5 0	8 53	3 16	3 10	1 37	19 15	2 5	2 43	1 8	3 42	2 42	14 11	0 44	15 43	1 48	7 29	13 9	14 1	13 54	17 3	13 50	0 56
T 19	19 44	16 39	4 51	9 17	3 16	3 32	1 41	19 9	2 8	2 47	1 8	3 41	2 41	14 11	0 44	15 42	1 48	7 30	13 9	14 5	13 55	17 2	13 51	0 56
F 20	19 57	18 33	4 27	9 42	3 14	3 54	1 44	19 3	2 11	2 52	1 8	3 40	2 41	14 11	0 44	15 42	1 48	7 30	13 9	14 9	13 56	17 1	13 52	0 57
S 21	20 9	19 33	3 52	10 8	3 12	4 16	1 47	18 57	2 13	2 56	1 8	3 39	2 41	14 10	0 44	15 41	1 48	7 30	13 9	14 12	13 58	17 0	13 54	0 57
S 22	20 21	19 37	3 6	10 35	3 9	4 38	1 49	18 50	2 16	3 1	1 8	3 38	2 41	14 10	0 44	15 41	1 48	7 31	13 9	14 15	13 59	16 59	13 55	0 57
M23	20 33	18 47	2 12	11 4	3 5	5 0	1 52	18 44	2 19	3 5	1 9	3 37	2 41	14 9	0 44	15 40	1 48	7 31	13 9	14 16	14 0	16 59	13 56	0 57
T 24	20 44	17 9	1 13	11 33	3 1	5 22	1 55	18 38	2 22	3 9	1 9	3 37	2 40	14 9	0 44	15 40	1 48	7 31	13 9	14 17	14 1	16 58	13 57	0 57
W25	20 55	14 47	0 11	12 4	2 57	5 44	1 57	18 33	2 24	3 14	1 9	3 36	2 40	14 9	0 44	15 40	1 48	7 31	13 9	14 17	14 2	16 57	13 58	0 57
T 26	21 6	11 47	0n52	12 35	2 51	6 6	1 59	18 27	2 27	3 18	1 9	3 35	2 40	14 8	0 44	15 39	1 48	7 32	13 9	14 17	14 3	16 56	13 59	0 57
F 27	21 16	8 17	1 53	13 7	2 46	6 29	2 2	18 21	2 30	3 22	1 9	3 35	2 40	14 8	0 44	15 39	1 48	7 32	13 9	14 17	14 4	16 55	14 0	0 57
S 28	21 26	4 23	2 50	13 39	2 39	6 51	2 4	18 15	2 33	3 26	1 9	3 34	2 39	14 7	0 44	15 38	1 48	7 32	13 9	14 18	14 5	16 54	14 1	0 57
S 29	21 35	0 12	3 40	14 12	2 32	7 13	2 5	18 9	2 36	3 31	1 10	3 34	2 39	14 7	0 44	15 38	1 48	7 32	13 9	14 19	14 6	16 53	14 2	0 57
M30	21 44	4s 6	4 21	14 46	2 25	7 35	2 7	18 3	2 39	3 35	1 10	3 33	2 39	14 6	0 44	15 38	1 48	7 33	13 9	14 21	14 7	16 52	14 3	0 57
T 31	21n53	8s21	4n49	15n20	2s17	7n58	2s 9	17s58	2s42	3n39	1s10	3s33	2n39	14n 6	0n44	15s37	1n48	7n33	13s 9	14n23	14n 8	16n51	14n 4	0s58

Julian Day Number = 2498781.5, Delta T = 108.56 sec
Ecliptic obliquity = 23°25'14, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'50, Lahiri = 25°39'51

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ASTRODIENST EPHEMERIS for the year 2129
geocentric

JUNE 2129 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 38 11	10♊38'24	17♏50	20♉58	26♈54	18♒32	12♈ 7	15°R11	24♌21	18°R37	1♊32	21°R 8	22♌ 3	9♌ 9	10♉36	W 1
T 2	16 42 7	11°35'56	1♐56	22°40	28° 0	18°59	12°18	15♎ 9	24°22	18♏35	1°33	20♌58	22° 0	9°16	10°40	T 2
F 3	16 46 4	12°33'26	16°20	24°24	29° 6	19°26	12°29	15° 8	24°24	18°34	1°34	20°48	21°57	9°22	10°43	F 3
S 4	16 50 0	13°30'55	0♑56	26°11	0♉13	19°52	12°39	15° 7	24°26	18°32	1°36	20°39	21°54	9°29	10°46	S 4
S 5	16 53 57	14°28'24	15°38	28° 0	1°19	20°18	12°49	15° 5	24°28	18°31	1°37	20°33	21°50	9°36	10°50	S 5
M 6	16 57 54	15°25'51	0♒18	29°52	2°26	20°44	13° 0	15° 4	24°29	18°29	1°38	20°29	21°47	9°42	10°53	M 6
T 7	17 1 50	16°23'18	14°50	1♊46	3°32	21° 9	13°10	15° 3	24°31	18°28	1°40	20°D27	21°44	9°49	10°56	T 7
W 8	17 5 47	17°20'44	29°11	3°42	4°39	21°34	13°20	15° 2	24°33	18°26	1°41	20°27	21°41	9°55	11° 0	W 8
T 9	17 9 43	18°18'09	13♓18	5°40	5°46	21°59	13°30	15° 1	24°35	18°25	1°42	20°R28	21°38	10° 2	11° 3	T 9
F 10	17 13 40	19°15'34	27°10	7°40	6°53	22°23	13°39	15° 0	24°37	18°24	1°44	20°28	21°35	10° 9	11° 6	F 10
S 11	17 17 36	20°12'58	10♈48	9°43	8° 1	22°47	13°49	15° 0	24°39	18°22	1°45	20°26	21°31	10°15	11° 9	S 11
S 12	17 21 33	21°10'21	24°12	11°47	9° 8	23°11	13°59	14°59	24°41	18°21	1°46	20°22	21°28	10°22	11°12	S 12
M13	17 25 29	22° 7'44	7♉24	13°53	10°15	23°34	14° 8	14°59	24°43	18°20	1°48	20°15	21°25	10°29	11°16	M13
T 14	17 29 26	23° 5'07	20°23	16° 0	11°23	23°56	14°17	14°58	24°46	18°19	1°49	20° 7	21°22	10°35	11°19	T 14
W15	17 33 23	24° 2'29	3♊ 9	18° 9	12°31	24°19	14°26	14°58	24°48	18°17	1°50	19°57	21°19	10°42	11°22	W15
T 16	17 37 19	24°59'50	15°43	20°19	13°39	24°40	14°35	14°58	24°50	18°16	1°51	19°47	21°16	10°49	11°25	T 16
F 17	17 41 16	25°57'11	28° 5	22°30	14°46	25° 2	14°44	14°D58	24°52	18°15	1°53	19°38	21°12	10°55	11°28	F 17
S 18	17 45 12	26°54'31	10♋15	24°42	15°54	25°23	14°53	14°58	24°55	18°14	1°54	19°30	21° 9	11° 2	11°31	S 18
S 19	17 49 9	27°51'51	22°16	26°54	17° 3	25°43	15° 2	14°58	24°57	18°12	1°55	19°25	21° 6	11° 9	11°34	S 19
M20	17 53 5	28°49'10	4♌ 9	29° 6	18°11	26° 3	15°10	14°58	25° 0	18°11	1°56	19°21	21° 3	11°15	11°37	M20
T 21	17 57 2	29°46'28	15°57	1♋17	19°19	26°23	15°19	14°58	25° 2	18°10	1°58	19°D20	21° 0	11°22	11°39	T 21
W22	18 0 58	0♋43'45	27°43	3°28	20°28	26°42	15°27	14°59	25° 4	18° 9	1°59	19°20	20°56	11°29	11°42	W22
T 23	18 4 55	1°41'01	9♍33	5°39	21°36	27° 0	15°35	14°59	25° 7	18° 8	2° 0	19°21	20°53	11°35	11°45	T 23
F 24	18 8 52	2°38'17	21°30	7°48	22°45	27°18	15°43	15° 0	25°10	18° 7	2° 1	19°23	20°50	11°42	11°48	F 24
S 25	18 12 48	3°35'32	3♎41	9°57	23°53	27°35	15°51	15° 0	25°12	18° 6	2° 2	19°R23	20°47	11°48	11°50	S 25
S 26	18 16 45	4°32'47	16° 9	12° 4	25° 2	27°52	15°58	15° 1	25°15	18° 5	2° 4	19°22	20°44	11°55	11°53	S 26
M27	18 20 41	5°30'01	28°59	14° 9	26°11	28° 9	16° 6	15° 2	25°18	18° 4	2° 5	19°20	20°41	12° 2	11°56	M27
T 28	18 24 38	6°27'14	12♏16	16°13	27°20	28°24	16°13	15° 3	25°20	18° 3	2° 6	19°16	20°37	12° 8	11°58	T 28
W29	18 28 34	7°24'27	26° 1	18°15	28°29	28°40	16°21	15° 4	25°23	18° 2	2° 7	19°10	20°34	12°15	12° 1	W29
T 30	18 32 31	8♋21'39	10♐12	20♋15	29♉38	28♒54	16♈28	15♎ 5	25♌26	18♏ 1	2♊ 8	19♌ 4	20♌31	12♌22	12♉ 3	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 1	12s18	5n 2	15n54	2s 9	8n20	2s10	17s52	2s45	3n43	1s10	3s32	2n39	14n 5	0n44	15s37	1n48	7n33	13s 9	14n26	14n 9	16n51	14n 5	0s58
T 2	22 9	15 40	4 57	16 29	2 0	8 42	2 12	17 47	2 48	3 47	1 10	3 32	2 38	14 4	0 44	15 36	1 48	7 33	13 9	14 30	14 10	16 50	14 6	0 58
F 3	22 17	18 11	4 34	17 4	1 51	9 4	2 13	17 41	2 51	3 51	1 11	3 31	2 38	14 4	0 44	15 36	1 48	7 34	13 9	14 33	14 11	16 49	14 7	0 58
S 4	22 24	19 33	3 52	17 38	1 42	9 26	2 14	17 36	2 54	3 54	1 11	3 31	2 38	14 3	0 44	15 36	1 48	7 34	13 9	14 36	14 12	16 48	14 8	0 58
S 5	22 31	19 37	2 54	18 12	1 32	9 48	2 15	17 30	2 57	3 58	1 11	3 31	2 38	14 3	0 44	15 35	1 48	7 34	13 9	14 38	14 13	16 47	14 9	0 58
M 6	22 37	18 21	1 45	18 46	1 22	10 10	2 16	17 25	3 0	4 2	1 11	3 31	2 37	14 2	0 44	15 35	1 48	7 34	13 9	14 39	14 14	16 46	14 9	0 58
T 7	22 44	15 54	0 30	19 20	1 11	10 32	2 17	17 20	3 4	4 6	1 11	3 30	2 37	14 1	0 44	15 35	1 48	7 35	13 9	14 40	14 15	16 45	14 10	0 58
W 8	22 49	12 29	0s46	19 53	1 1	10 54	2 18	17 15	3 7	4 9	1 12	3 30	2 37	14 1	0 44	15 34	1 48	7 35	13 9	14 39	14 16	16 44	14 11	0 58
T 9	22 54	8 23	1 59	20 25	0 50	11 16	2 18	17 10	3 10	4 13	1 12	3 30	2 37	14 0	0 43	15 34	1 48	7 35	13 9	14 39	14 17	16 43	14 12	0 59
F 10	22 59	3 56	3 3	20 56	0 39	11 37	2 19	17 5	3 14	4 17	1 12	3 30	2 36	13 59	0 43	15 34	1 48	7 35	13 9	14 39	14 18	16 42	14 13	0 59
S 11	23 4	0n39	3 56	21 26	0 28	11 58	2 19	17 1	3 17	4 20	1 12	3 30	2 36	13 59	0 43	15 33	1 48	7 35	13 9	14 40	14 19	16 41	14 14	0 59
S 12	23 8	5 8	4 34	21 54	0 17	12 19	2 19	16 56	3 20	4 24	1 12	3 30	2 36	13 58	0 43	15 33	1 48	7 36	13 9	14 41	14 20	16 40	14 15	0 59
M13	23 11	9 16	4 58	22 21	0 6	12 40	2 20	16 52	3 24	4 27	1 13	3 30	2 36	13 57	0 43	15 33	1 48	7 36	13 10	14 43	14 21	16 39	14 16	0 59
T 14	23 14	12 55	5 5	22 46	0n 5	13 1	2 20	16 47	3 27	4 31	1 13	3 30	2 35	13 56	0 43	15 32	1 48	7 36	13 10	14 46	14 22	16 38	14 17	0 59
W15	23 17	15 54	4 57	23 9	0 15	13 22	2 20	16 43	3 31	4 34	1 13	3 30	2 35	13 56	0 43	15 32	1 48	7 36	13 10	14 49	14 23	16 37	14 17	0 59
T 16	23 20	18 6	4 35	23 30	0 26	13 42	2 19	16 39	3 34	4 37	1 13	3 30	2 35	13 55	0 43	15 32	1 48	7 36	13 10	14 52	14 24	16 36	14 18	0 59
F 17	23 21	19 24	4 0	23 48	0 36	14 2	2 19	16 35	3 38	4 40	1 14	3 31	2 35	13 54	0 43	15 31	1 48	7 36	13 10	14 55	14 25	16 35	14 19	0 59
S 18	23 23	19 48	3 14	24 4	0 45	14 22	2 19	16 32	3 42	4 44	1 14	3 31	2 34	13 53	0 43	15 31	1 48	7 37	13 10	14 57	14 26	16 35	14 20	1 0
S 19	23 24	19 16	2 21	24 18	0 55	14 42	2 18	16 28	3 45	4 47	1 14	3 31	2 34	13 52	0 43	15 31	1 48	7 37	13 10	14 59	14 27	16 34	14 21	1 0
M20	23 25	17 53	1 21	24 28	1 3	15 1	2 18	16 25	3 49	4 50	1 14	3 31	2 34	13 52	0 43	15 31	1 48	7 37	13 10	15 0	14 28	16 33	14 21	1 0
T 21	23 25	15 45	0 18	24 36	1 11	15 21	2 17	16 21	3 53	4 53	1 14	3 32	2 34	13 51	0 43	15 30	1 48	7 37	13 10	15 1	14 29	16 32	14 22	1 0
W22	23 25	12 58	0n45	24 41	1 19	15 39	2 16	16 18	3 56	4 56	1 15	3 32	2 33	13 50	0 43	15 30	1 48	7 37	13 10	15 1	14 30	16 31	14 23	1 0
T 23	23 25	9 38	1 47	24 44	1 26	15 58	2 16	16 16	4 0	4 59	1 15	3 33	2 33	13 49	0 43	15 30	1 48	7 37	13 10	15 0	14 31	16 30	14 24	1 0
F 24	23 24	5 54	2 45	24 43	1 32	16 16	2 15	16 13	4 4	5 2	1 15	3 33	2 33	13 48	0 43	15 29	1 47	7 37	13 10	15 0	14 32	16 29	14 24	1 0
S 25	23 22	1 52	3 37	24 40	1 37	16 34	2 14	16 10	4 8	5 4	1 15	3 34	2 33	13 47	0 43	15 29	1 47	7 37	13 11	15 0	14 33	16 28	14 25	1 0
S 26	23 21	2s21	4 20	24 34	1 42	16 52	2 12	16 8	4 11	5 7	1 16	3 34	2 32	13 46	0 43	15 29	1 47	7 38	13 11	15 0	14 34	16 27	14 26	1 0
M27	23 18	6 34	4 51	24 25	1 46	17 9	2 11	16 6	4 15	5 10	1 16	3 35	2 32	13 45	0 43	15 29	1 47	7 38	13 11	15 1	14 35	16 26	14 26	1 1
T 28	23 16	10 37	5 8	24 14	1 49	17 26	2 10	16 4	4 19	5 12	1 16	3 35	2 32	13 44	0 43	15 29	1 47	7 38	13 11	15 2	14 36	16 25	14 27	1 1
W29	23 13	14 15	5 8	24 1	1 51	17 43	2 9	16 2	4 23	5 15	1 16	3 36	2 32	13 43	0 43	15 28	1 47	7 38	13 11	15 4	14 37	16 24	14 28	1 1
T 30	23n 9	17s11	4n49	23n45	1n53	17n59	2s 7	16s 1	4s27	5n17	1s17	3s37	2n31	13n42	0n43	15s28	1n47	7n38	13s11	15n 6	14n38	16n23	14n28	1s 1

Julian Day Number = 2498812.5, Delta T = 108.61 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'55, Lahiri = 25°39'55

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ASTRODIENST EPHEMERIS for the year 2129
geocentric

JULY 2129 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 36 27	9♋18'51	24♐46	22♋14	0♊47	29♒ 8	16♈35	15♎ 7	25♌29	18°R 0	2♊ 9	18°R58	20♌28	12♌28	12♉ 6	F 1
S 2	18 40 24	10°16'03	9♑38	24°10	1°57	29°22	16°41	15° 8	25°32	17♏59	2°10	18♌53	20°25	12°35	12° 8	S 2
S 3	18 44 21	11°13'15	24°39	26° 4	3° 6	29°35	16°48	15°10	25°34	17°59	2°12	18°50	20°22	12°42	12°11	S 3
M 4	18 48 17	12°10'26	9♒40	27°57	4°15	29°47	16°55	15°11	25°37	17°58	2°13	18°48	20°18	12°48	12°13	M 4
T 5	18 52 14	13° 7'38	24°33	29°47	5°25	29°58	17° 1	15°13	25°40	17°57	2°14	18°D48	20°15	12°55	12°15	T 5
W 6	18 56 10	14° 4'50	9♓12	1♌35	6°35	0♓ 9	17° 7	15°15	25°43	17°56	2°15	18°49	20°12	13° 2	12°17	W 6
T 7	19 0 7	15° 2'01	23°31	3°21	7°44	0°19	17°13	15°17	25°46	17°55	2°16	18°50	20° 9	13° 8	12°20	T 7
F 8	19 4 3	15°59'13	7♈30	5° 5	8°54	0°29	17°19	15°19	25°49	17°55	2°17	18°51	20° 6	13°15	12°22	F 8
S 9	19 8 0	16°56'26	21° 8	6°47	10° 4	0°38	17°25	15°21	25°53	17°54	2°18	18°R52	20° 2	13°22	12°24	S 9
S 10	19 11 56	17°53'39	4♉26	8°27	11°14	0°46	17°30	15°23	25°56	17°53	2°19	18°50	19°59	13°28	12°26	S 10
M11	19 15 53	18°50'52	17°26	10° 5	12°24	0°53	17°35	15°25	25°59	17°53	2°20	18°48	19°56	13°35	12°28	M11
T 12	19 19 50	19°48'05	0♊ 9	11°40	13°34	1° 0	17°41	15°27	26° 2	17°52	2°21	18°44	19°53	13°41	12°30	T 12
W13	19 23 46	20°45'19	12°39	13°14	14°44	1° 6	17°46	15°30	26° 5	17°52	2°22	18°40	19°50	13°48	12°32	W13
T 14	19 27 43	21°42'34	24°57	14°45	15°54	1°11	17°51	15°32	26° 8	17°51	2°23	18°35	19°47	13°55	12°34	T 14
F 15	19 31 39	22°39'48	7♋ 5	16°15	17° 4	1°15	17°55	15°35	26°12	17°51	2°24	18°31	19°43	14° 1	12°36	F 15
S 16	19 35 36	23°37'03	19° 4	17°42	18°15	1°19	18° 0	15°38	26°15	17°50	2°25	18°28	19°40	14° 8	12°37	S 16
S 17	19 39 32	24°34'19	0♌57	19° 7	19°25	1°22	18° 4	15°41	26°18	17°50	2°26	18°26	19°37	14°15	12°39	S 17
M18	19 43 29	25°31'34	12°46	20°30	20°36	1°24	18° 8	15°44	26°22	17°49	2°26	18°D25	19°34	14°21	12°41	M18
T 19	19 47 25	26°28'50	24°32	21°51	21°46	1°25	18°12	15°47	26°25	17°49	2°27	18°25	19°31	14°28	12°42	T 19
W20	19 51 22	27°26'06	6♍20	23° 9	22°57	1°R26	18°16	15°50	26°28	17°49	2°28	18°25	19°27	14°35	12°44	W20
T 21	19 55 19	28°23'22	18°11	24°25	24° 8	1°25	18°19	15°53	26°32	17°48	2°29	18°27	19°24	14°41	12°46	T 21
F 22	19 59 15	29°20'39	0♎10	25°39	25°18	1°24	18°23	15°56	26°35	17°48	2°30	18°28	19°21	14°48	12°47	F 22
S 23	20 3 12	0♌17'55	12°21	26°50	26°29	1°23	18°26	15°59	26°38	17°48	2°31	18°30	19°18	14°55	12°48	S 23
S 24	20 7 8	1°15'12	24°48	27°59	27°40	1°20	18°29	16° 3	26°42	17°48	2°31	18°30	19°15	15° 1	12°50	S 24
M25	20 11 5	2°12'30	7♏36	29° 5	28°51	1°17	18°32	16° 6	26°45	17°48	2°32	18°R30	19°12	15° 8	12°51	M25
T 26	20 15 1	3° 9'47	20°48	0♍ 9	0♋ 2	1°13	18°35	16°10	26°49	17°47	2°33	18°30	19° 8	15°15	12°52	T 26
W27	20 18 58	4° 7'05	4♐26	1° 9	1°13	1° 8	18°37	16°14	26°52	17°47	2°34	18°29	19° 5	15°21	12°54	W27
T 28	20 22 54	5° 4'23	18°32	2° 7	2°24	1° 2	18°39	16°17	26°56	17°47	2°34	18°27	19° 2	15°28	12°55	T 28
F 29	20 26 51	6° 1'42	3♑ 4	3° 2	3°35	0°56	18°41	16°21	26°59	17°47	2°35	18°25	18°59	15°34	12°56	F 29
S 30	20 30 48	6°59'01	17°57	3°54	4°46	0°49	18°43	16°25	27° 3	17°D47	2°36	18°24	18°56	15°41	12°57	S 30
S 31	20 34 44	7♌56'21	3♒ 3	4♍42	5♋58	0♓41	18♈45	16♎29	27♌ 7	17♏47	2♊36	18♌23	18♌53	15♌48	12♉58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n 6	19s 7	4n12	23n28	1n54	18n15	2s 6	16s 0	4s31	5n20	1s17	3s37	2n31	13n41	0n43	15s28	1n47	7n38	13s11	15n 7	14n39	16n22	14n29	1s 1	F 1
S 2	23 1	19 48	3 17	23 8	1 54	18 30	2 4	15 59	4 35	5 22	1 17	3 38	2 31	13 40	0 43	15 28	1 47	7 38	13 11	15 9	14 40	16 21	14 30	1 1	S 2
S 3	22 57	19 5	2 8	22 47	1 54	18 45	2 3	15 58	4 39	5 24	1 17	3 39	2 31	13 39	0 43	15 28	1 47	7 38	13 12	15 10	14 41	16 20	14 30	1 1	S 3
M 4	22 52	17 1	0 50	22 24	1 53	19 0	2 1	15 57	4 43	5 27	1 18	3 40	2 30	13 38	0 43	15 27	1 47	7 38	13 12	15 11	14 42	16 19	14 31	1 2	M 4
T 5	22 46	13 49	0s31	21 59	1 51	19 14	1 59	15 57	4 47	5 29	1 18	3 41	2 30	13 37	0 43	15 27	1 47	7 38	13 12	15 11	14 43	16 17	14 31	1 2	T 5
W 6	22 41	9 48	1 49	21 33	1 48	19 28	1 57	15 57	4 51	5 31	1 18	3 42	2 30	13 36	0 43	15 27	1 47	7 38	13 12	15 10	14 44	16 16	14 32	1 2	W 6
T 7	22 34	5 18	2 59	21 6	1 45	19 41	1 55	15 57	4 55	5 33	1 18	3 43	2 30	13 35	0 43	15 27	1 47	7 38	13 12	15 10	14 45	16 15	14 33	1 2	T 7
F 8	22 28	0 38	3 55	20 38	1 42	19 54	1 53	15 57	4 59	5 35	1 19	3 44	2 29	13 34	0 43	15 27	1 47	7 38	13 12	15 10	14 46	16 14	14 33	1 2	F 8
S 9	22 21	3n57	4 37	20 8	1 37	20 6	1 51	15 58	5 3	5 37	1 19	3 45	2 29	13 33	0 43	15 27	1 47	7 38	13 12	15 10	14 47	16 13	14 34	1 2	S 9
S 10	22 13	8 13	5 3	19 38	1 33	20 18	1 49	15 59	5 7	5 39	1 19	3 46	2 29	13 32	0 43	15 27	1 47	7 38	13 13	15 10	14 48	16 12	14 34	1 2	S 10
M11	22 6	12 0	5 13	19 6	1 27	20 30	1 47	16 0	5 11	5 41	1 19	3 47	2 29	13 31	0 43	15 26	1 47	7 38	13 13	15 11	14 49	16 11	14 35	1 2	M11
T 12	21 58	15 10	5 7	18 34	1 21	20 41	1 45	16 1	5 15	5 42	1 20	3 48	2 28	13 30	0 43	15 26	1 47	7 38	13 13	15 12	14 50	16 10	14 35	1 3	T 12
W13	21 49	17 34	4 46	18 2	1 15	20 51	1 43	16 3	5 19	5 44	1 20	3 49	2 28	13 29	0 43	15 26	1 47	7 38	13 13	15 13	14 51	16 9	14 35	1 3	W13
T 14	21 40	19 7	4 13	17 29	1 8	21 1	1 40	16 5	5 23	5 46	1 20	3 50	2 28	13 28	0 43	15 26	1 46	7 38	13 13	15 15	14 52	16 8	14 36	1 3	T 14
F 15	21 31	19 46	3 28	16 55	1 1	21 10	1 38	16 7	5 27	5 47	1 20	3 51	2 28	13 27	0 43	15 26	1 46	7 38	13 13	15 16	14 53	16 7	14 36	1 3	F 15
S 16	21 21	19 31	2 35	16 21	0 53	21 19	1 35	16 9	5 31	5 49	1 21	3 53	2 27	13 25	0 43	15 26	1 46	7 38	13 14	15 17	14 54	16 6	14 37	1 3	S 16
S 17	21 11	18 23	1 35	15 47	0 45	21 27	1 33	16 12	5 35	5 50	1 21	3 54	2 27	13 24	0 43	15 26	1 46	7 38	13 14	15 18	14 55	16 5	14 37	1 3	S 17
M18	21 1	16 28	0 31	15 13	0 36	21 35	1 30	16 15	5 39	5 51	1 21	3 55	2 27	13 23	0 43	15 26	1 46	7 38	13 14	15 18	14 56	16 4	14 37	1 3	M18
T 19	20 50	13 52	0n34	14 38	0 27	21 42	1 28	16 18	5 43	5 52	1 22	3 57	2 27	13 22	0 42	15 26	1 46	7 38	13 14	15 18	14 57	16 3	14 38	1 4	T 19
W20	20 39	10 42	1 37	14 4	0 18	21 49	1 25	16 21	5 47	5 54	1 22	3 58	2 27	13 21	0 42	15 26	1 46	7 38	13 14	15 18	14 58	16 2	14 38	1 4	W20
T 21	20 28	7 5	2 37	13 30	0 8	21 55	1 23	16 25	5 50	5 55	1 22	4 0	2 26	13 20	0 42	15 26	1 46	7 38	13 15	15 17	14 59	16 1	14 39	1 4	T 21
F 22	20 16	3 10	3 31	12 56	0s 2	22 0	1 20	16 28	5 54	5 56	1 22	4 1	2 26	13 19	0 42	15 26	1 46	7 38	13 15	15 17	15 0	15 59	14 39	1 4	F 22
S 23	20 4	0s57	4 16	12 22	0 13	22 5	1 17	16 32	5 58	5 57	1 23	4 2	2 26	13 17	0 42	15 26	1 46	7 38	13 15	15 16	15 1	15 58	14 39	1 4	S 23
S 24	19 52	5 6	4 50	11 48	0 23	22 9	1 15	16 37	6 1	5 58	1 23	4 4	2 26	13 16	0 42	15 26	1 46	7 38	13 15	15 16	15 2	15 57	14 39	1 4	S 24
M25	19 39	9 7	5 11	11 15	0 34	22 13	1 12	16 41	6 5	5 58	1 23	4 6	2 25	13 15	0 42	15 26	1 46	7 38	13 15	15 16	15 3	15 56	14 40	1 4	M25
T 26	19 26	12 51	5 17	10 42	0 46	22 16	1 9	16 46	6 8	5 59	1 23	4 7	2 25	13 14	0 42	15 26	1 46	7 38	13 16	15 16	15 4	15 55	14 40	1 4	T 26
W27	19 13	16 1	5 5	10 10	0 57	22 19	1 6	16 51	6 12	6 0	1 24	4 9	2 25	13 13	0 42	15 26	1 46	7 38	13 16	15 17	15 5	15 54	14 40	1 5	W27
T 28	18 59	18 22	4 34	9 38	1 9	22 21	1 3	16 56	6 15	6 1	1 24	4 10	2 25	13 11	0 42	15 26	1 46	7 38	13 16	15 17	15 6	15 53	14 40	1 5	T 28
F 29	18 45	19 37	3 46	9 8	1 21	22 22	1 1	17 1	6 18	6 1	1 24	4 12	2 24	13 10	0 42	15 26	1 46	7 38	13 16	15 18	15 7	15 52	14 41	1 5	F 29
S 30	18 31	19 33	2 41	8 38	1 33	22 22	0 58	17 6	6 21	6 2	1 25	4 14	2 24	13 9	0 42	15 26	1 46	7 38	13 16	15 18	15 8	15 51	14 41	1 5	S 30
S 31	18n16	18s 6	1n24	8n 9	1s45	22n22	0s55	17s12	6s24	6n 2	1s25	4s16	2n24	13n 8	0n42	15s26	1n45	7n38	13s17	15n18	15n 9	15n49	14n41	1s 5	S 31

Julian Day Number = 2498842.5, Delta T = 108.66 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'59, Lahiri = 25°39'59

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ASTRODIENST EPHEMERIS for the year 2129
geocentric

AUGUST 2129 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 38 41	8♌53'42	18♒15	5♍27	7♋ 9	0°R33	18♈47	16♎33	27♌10	17♏47	2♊37	18°D23	18♌49	15♌54	12♉59	M 1
T 2	20 42 37	9°51'03	3♓23	6° 9	8°20	0♓24	18°48	16°37	27°14	17°47	2°38	18♌23	18°46	16° 1	13° 0	T 2
W 3	20 46 34	10°48'26	18°18	6°46	9°32	0°14	18°49	16°42	27°17	17°47	2°38	18°24	18°43	16° 8	13° 0	W 3
T 4	20 50 30	11°45'49	2♈53	7°20	10°44	0° 4	18°50	16°46	27°21	17°48	2°39	18°24	18°40	16°14	13° 1	T 4
F 5	20 54 27	12°43'13	17° 3	7°50	11°55	29♒53	18°51	16°50	27°25	17°48	2°40	18°25	18°37	16°21	13° 2	F 5
S 6	20 58 23	13°40'39	0♉49	8°15	13° 7	29°41	18°51	16°55	27°28	17°48	2°40	18°25	18°33	16°28	13° 3	S 6
S 7	21 2 20	14°38'05	14° 9	8°36	14°19	29°29	18°52	16°59	27°32	17°48	2°41	18°R25	18°30	16°34	13° 3	S 7
M 8	21 6 17	15°35'34	27° 6	8°52	15°30	29°16	18°R52	17° 4	27°36	17°49	2°41	18°25	18°27	16°41	13° 4	M 8
T 9	21 10 13	16°33'03	9♊43	9° 4	16°42	29° 3	18°52	17° 9	27°39	17°49	2°42	18°25	18°24	16°48	13° 4	T 9
W10	21 14 10	17°30'34	22° 3	9°10	17°54	28°49	18°51	17°14	27°43	17°49	2°42	18°25	18°21	16°54	13° 5	W10
T 11	21 18 6	18°28'06	4♋11	9°R11	19° 6	28°35	18°51	17°18	27°47	17°50	2°43	18°D25	18°18	17° 1	13° 5	T 11
F 12	21 22 3	19°25'39	16° 9	9° 7	20°18	28°21	18°50	17°23	27°51	17°50	2°43	18°25	18°14	17° 7	13° 5	F 12
S 13	21 25 59	20°23'13	28° 0	8°57	21°30	28° 6	18°49	17°28	27°54	17°50	2°43	18°25	18°11	17°14	13° 6	S 13
S 14	21 29 56	21°20'49	9♌48	8°42	22°42	27°51	18°48	17°33	27°58	17°51	2°44	18°25	18° 8	17°21	13° 6	S 14
M15	21 33 52	22°18'26	21°35	8°22	23°55	27°36	18°47	17°38	28° 2	17°51	2°44	18°R25	18° 5	17°27	13° 6	M15
T 16	21 37 49	23°16'04	3♍23	7°56	25° 7	27°20	18°46	17°44	28° 5	17°52	2°45	18°25	18° 2	17°34	13° 6	T 16
W17	21 41 46	24°13'43	15°15	7°25	26°19	27° 4	18°44	17°49	28° 9	17°52	2°45	18°25	17°59	17°41	13°R 6	W17
T 18	21 45 42	25°11'23	27°12	6°50	27°32	26°48	18°42	17°54	28°13	17°53	2°45	18°24	17°55	17°47	13° 6	T 18
F 19	21 49 39	26° 9'04	9♎18	6° 9	28°44	26°33	18°40	17°59	28°17	17°54	2°46	18°23	17°52	17°54	13° 6	F 19
S 20	21 53 35	27° 6'47	21°35	5°25	29°57	26°17	18°38	18° 5	28°20	17°54	2°46	18°22	17°49	18° 1	13° 6	S 20
S 21	21 57 32	28° 4'30	4♏ 6	4°37	1♌ 9	26° 1	18°35	18°10	28°24	17°55	2°46	18°21	17°46	18° 7	13° 6	S 21
M22	22 1 28	29° 2'15	16°54	3°47	2°22	25°45	18°33	18°16	28°28	17°56	2°46	18°20	17°43	18°14	13° 5	M22
T 23	22 5 25	0♐ 0'00	0♐ 2	2°55	3°34	25°29	18°30	18°22	28°32	17°56	2°47	18°D20	17°39	18°21	13° 5	T 23
W24	22 9 21	0°57'47	13°32	2° 2	4°47	25°14	18°27	18°27	28°35	17°57	2°47	18°20	17°36	18°27	13° 5	W24
T 25	22 13 18	1°55'35	27°27	1°10	6° 0	24°59	18°24	18°33	28°39	17°58	2°47	18°21	17°33	18°34	13° 4	T 25
F 26	22 17 15	2°53'25	11♑46	0°18	7°13	24°44	18°20	18°39	28°43	17°59	2°47	18°22	17°30	18°40	13° 4	F 26
S 27	22 21 11	3°51'15	26°26	29♌30	8°25	24°29	18°17	18°45	28°47	18° 0	2°47	18°23	17°27	18°47	13° 3	S 27
S 28	22 25 8	4°49'07	11♒24	28°44	9°38	24°15	18°13	18°50	28°50	18° 1	2°47	18°R24	17°24	18°54	13° 3	S 28
M29	22 29 4	5°47'00	26°31	28° 4	10°51	24° 1	18° 9	18°56	28°54	18° 2	2°47	18°24	17°20	19° 0	13° 2	M29
T 30	22 33 1	6°44'54	11♓40	27°28	12° 4	23°47	18° 5	19° 2	28°58	18° 3	2°47	18°23	17°17	19° 7	13° 1	T 30
W31	22 36 57	7♍42'50	26♓41	26♌59	13♌17	23♒34	18♈ 1	19♎ 8	29♌ 2	18♏ 4	2♊48	18♌21	17♌14	19♌14	13♉ 0	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	18n 1	15s20	0n 1	7n41	1s57	22n22	0s52	17s17	6s27	6n 2	1s25	4s17	2n24	13n 6	0n42	15s26	1n45	7n38	13s17	15n18	15n10	15n48	14n41	1s 5	M 1
T 2	17 46	11 32	1s22	7 14	2 10	22 21	0 49	17 23	6 29	6 2	1 25	4 19	2 24	13 5	0 42	15 26	1 45	7 37	13 17	15 18	15 11	15 47	14 41	1 5	T 2
W 3	17 31	7 4	2 39	6 49	2 22	22 19	0 46	17 29	6 32	6 3	1 26	4 21	2 23	13 4	0 42	15 26	1 45	7 37	13 17	15 18	15 12	15 46	14 41	1 6	W 3
T 4	17 15	2 16	3 43	6 25	2 35	22 16	0 43	17 35	6 34	6 3	1 26	4 23	2 23	13 3	0 42	15 26	1 45	7 37	13 18	15 18	15 13	15 45	14 41	1 6	T 4
F 5	16 59	2n31	4 32	6 3	2 47	22 13	0 40	17 41	6 37	6 3	1 26	4 25	2 23	13 1	0 42	15 26	1 45	7 37	13 18	15 18	15 14	15 44	14 41	1 6	F 5
S 6	16 42	7 0	5 3	5 42	2 59	22 10	0 37	17 47	6 39	6 3	1 27	4 26	2 23	13 0	0 42	15 27	1 45	7 37	13 18	15 18	15 15	15 43	14 41	1 6	S 6
S 7	16 26	11 1	5 17	5 23	3 11	22 5	0 34	17 53	6 41	6 3	1 27	4 28	2 23	12 59	0 42	15 27	1 45	7 37	13 18	15 18	15 16	15 41	14 42	1 6	S 7
M 8	16 9	14 23	5 14	5 6	3 23	22 0	0 31	18 0	6 43	6 2	1 27	4 30	2 22	12 58	0 42	15 27	1 45	7 37	13 18	15 18	15 17	15 40	14 42	1 6	M 8
T 9	15 52	17 0	4 56	4 51	3 34	21 55	0 28	18 6	6 44	6 2	1 27	4 32	2 22	12 56	0 42	15 27	1 45	7 37	13 19	15 18	15 18	15 39	14 42	1 6	T 9
W10	15 34	18 46	4 25	4 39	3 45	21 48	0 25	18 12	6 46	6 2	1 28	4 34	2 22	12 55	0 42	15 27	1 45	7 36	13 19	15 18	15 19	15 38	14 42	1 7	W10
T 11	15 17	19 39	3 42	4 28	3 56	21 42	0 22	18 18	6 47	6 1	1 28	4 36	2 22	12 54	0 42	15 27	1 45	7 36	13 19	15 18	15 20	15 37	14 42	1 7	T 11
F 12	14 59	19 38	2 50	4 21	4 6	21 34	0 19	18 24	6 48	6 1	1 28	4 38	2 22	12 53	0 42	15 27	1 45	7 36	13 19	15 18	15 21	15 36	14 41	1 7	F 12
S 13	14 41	18 44	1 51	4 16	4 15	21 26	0 16	18 30	6 49	6 0	1 29	4 40	2 21	12 51	0 42	15 28	1 45	7 36	13 20	15 18	15 22	15 35	14 41	1 7	S 13
S 14	14 22	17 1	0 48	4 14	4 23	21 17	0 13	18 36	6 50	6 0	1 29	4 43	2 21	12 50	0 42	15 28	1 45	7 36	13 20	15 18	15 23	15 33	14 41	1 7	S 14
M15	14 4	14 35	0n18	4 15	4 30	21 8	0 11	18 42	6 50	5 59	1 29	4 45	2 21	12 49	0 42	15 28	1 45	7 36	13 20	15 18	15 24	15 32	14 41	1 7	M15
T 16	13 45	11 32	1 22	4 19	4 36	20 58	0 8	18 48	6 50	5 58	1 29	4 47	2 21	12 47	0 42	15 28	1 45	7 35	13 20	15 18	15 25	15 31	14 41	1 8	T 16
W17	13 26	8 1	2 24	4 26	4 41	20 48	0 5	18 54	6 50	5 57	1 30	4 49	2 21	12 46	0 42	15 28	1 44	7 35	13 21	15 18	15 26	15 30	14 41	1 8	W17
T 18	13 7	4 10	3 19	4 36	4 44	20 37	0 2	18 59	6 50	5 56	1 30	4 51	2 21	12 45	0 42	15 29	1 44	7 35	13 21	15 18	15 27	15 29	14 41	1 8	T 18
F 19	12 47	0 6	4 7	4 49	4 46	20 25	0n 1	19 4	6 50	5 55	1 30	4 53	2 20	12 43	0 42	15 29	1 44	7 35	13 21	15 18	15 28	15 27	14 41	1 8	F 19
S 20	12 28	4s 1	4 43	5 5	4 46	20 13	0 4	19 9	6 50	5 54	1 30	4 56	2 20	12 42	0 42	15 29	1 44	7 35	13 21	15 19	15 29	15 26	14 40	1 8	S 20
S 21	12 8	8 3	5 8	5 24	4 44	20 0	0 7	19 14	6 49	5 53	1 31	4 58	2 20	12 41	0 42	15 29	1 44	7 35	13 22	15 19	15 30	15 25	14 40	1 8	S 21
M22	11 48	11 48	5 17	5 45	4 41	19 46	0 9	19 19	6 48	5 52	1 31	5 0	2 20	12 40	0 42	15 30	1 44	7 34	13 22	15 19	15 31	15 24	14 40	1 8	M22
T 23	11 28	15 5	5 11	6 9	4 35	19 32	0 12	19 23	6 47	5 50	1 31	5 2	2 20	12 38	0 42	15 30	1 44	7 34	13 22	15 19	15 32	15 23	14 40	1 9	T 23
W24	11 7	17 39	4 47	6 34	4 28	19 18	0 15	19 27	6 46	5 49	1 31	5 5	2 20	12 37	0 42	15 30	1 44	7 34	13 22	15 19	15 33	15 21	14 40	1 9	W24
T 25	10 47	19 17	4 6	7 1	4 18	19 3	0 18	19 31	6 44	5 48	1 32	5 7	2 19	12 36	0 42	15 30	1 44	7 34	13 23	15 19	15 34	15 20	14 39	1 9	T 25
F 26	10 26	19 45	3 9	7 30	4 7	18 47	0 20	19 35	6 42	5 46	1 32	5 9	2 19	12 34	0 42	15 31	1 44	7 33	13 23	15 19	15 35	15 19	14 39	1 9	F 26
S 27	10 5	18 54	1 59	7 58	3 55	18 31	0 23	19 38	6 41	5 44	1 32	5 12	2 19	12 33	0 42	15 31	1 44	7 33	13 23	15 18	15 36	15 18	14 39	1 9	S 27
S 28	9 44	16 44	0 39	8 27	3 40	18 14	0 26	19 41	6 39	5 43	1 32	5 14	2 19	12 32	0 42	15 31	1 44	7 33	13 23	15 18	15 37	15 17	14 38	1 9	S 28
M29	9 23	13 22	0s45	8 56	3 25	17 57	0 28	19 44	6 36	5 41	1 33	5 16	2 19	12 31	0 42	15 32	1 44	7 33	13 24	15 18	15 38	15 15	14 38	1 9	M29
T 30	9 2	9 7	2 5	9 23	3 8	17 39	0 31	19 46	6 34	5 39	1 33	5 19	2 19	12 29	0 42	15 32	1 44	7 33	13 24	15 18	15 39	15 14	14 38	1 10	T 30
W31	8n40	4s19	3s16	9n50	2s51	17n21	0n33	19s48	6s31	5n38	1s33	5s21	2n18	12n28	0n42	15s32	1n44	7n32	13s24	15n19	15n39	15n13	14n37	1s10	W31

Julian Day Number = 2498873.5, Delta T = 108.71 sec
Ecliptic obliquity = 23°25'14, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°33'03, Lahiri = 25°40'04

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ASTRODIENST EPHEMERIS for the year 2129
geocentric

SEPTEMBER 2129 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 54	8♍40'47	11♈25	26°R37	14♌30	23°R22	17°R56	19♎15	29♌ 5	18♏ 5	2♊48	18°R18	17♌11	19♌20	13°R 0	T 1
F 2	22 44 50	9°38'47	25°46	26♌22	15°44	23♒ 9	17♈52	19°21	29° 9	18° 6	2°R48	18♌16	17° 8	19°27	12♉59	F 2
S 3	22 48 47	10°36'48	9♉41	26°D16	16°57	22°58	17°47	19°27	29°13	18° 7	2°48	18°13	17° 5	19°34	12°58	S 3
S 4	22 52 43	11°34'51	23° 7	26°17	18°10	22°47	17°42	19°33	29°16	18° 8	2°48	18°11	17° 1	19°40	12°57	S 4
M 5	22 56 40	12°32'56	6♊ 7	26°28	19°23	22°37	17°37	19°39	29°20	18° 9	2°47	18°10	16°58	19°47	12°56	M 5
T 6	23 0 37	13°31'03	18°44	26°46	20°37	22°27	17°31	19°46	29°24	18°10	2°47	18°D10	16°55	19°54	12°55	T 6
W 7	23 4 33	14°29'12	1♋ 2	27°14	21°50	22°18	17°26	19°52	29°27	18°11	2°47	18°11	16°52	20° 0	12°54	W 7
T 8	23 8 30	15°27'23	13° 5	27°49	23° 4	22°10	17°20	19°59	29°31	18°13	2°47	18°12	16°49	20° 7	12°52	T 8
F 9	23 12 26	16°25'36	24°58	28°33	24°17	22° 2	17°14	20° 5	29°35	18°14	2°47	18°14	16°45	20°14	12°51	F 9
S 10	23 16 23	17°23'51	6♌46	29°25	25°31	21°55	17° 9	20°12	29°38	18°15	2°47	18°15	16°42	20°20	12°50	S 10
S 11	23 20 19	18°22'08	18°33	0♍24	26°44	21°49	17° 2	20°18	29°42	18°16	2°47	18°R16	16°39	20°27	12°49	S 11
M12	23 24 16	19°20'26	0♍21	1°30	27°58	21°44	16°56	20°25	29°45	18°18	2°46	18°15	16°36	20°33	12°47	M12
T 13	23 28 12	20°18'47	12°14	2°43	29°12	21°39	16°50	20°31	29°49	18°19	2°46	18°13	16°33	20°40	12°46	T 13
W14	23 32 9	21°17'09	24°14	4° 2	0♍26	21°35	16°43	20°38	29°53	18°21	2°46	18° 9	16°30	20°47	12°44	W14
T 15	23 36 6	22°15'33	6♎22	5°26	1°39	21°32	16°37	20°45	29°56	18°22	2°46	18° 4	16°26	20°53	12°43	T 15
F 16	23 40 2	23°13'59	18°41	6°56	2°53	21°30	16°30	20°51	29°59	18°23	2°45	17°58	16°23	21° 0	12°41	F 16
S 17	23 43 59	24°12'27	1♏11	8°29	4° 7	21°28	16°23	20°58	0♍ 3	18°25	2°45	17°52	16°20	21° 7	12°39	S 17
S 18	23 47 55	25°10'56	13°53	10° 6	5°21	21°D28	16°16	21° 5	0° 7	18°26	2°45	17°46	16°17	21°13	12°38	S 18
M19	23 51 52	26° 9'27	26°49	11°47	6°35	21°28	16° 9	21°12	0°10	18°28	2°44	17°41	16°14	21°20	12°36	M19
T 20	23 55 48	27° 8'00	10♐ 0	13°30	7°49	21°29	16° 2	21°19	0°14	18°29	2°44	17°38	16°10	21°27	12°34	T 20
W21	23 59 45	28° 6'34	23°28	15°15	9° 3	21°31	15°55	21°26	0°17	18°31	2°44	17°D37	16° 7	21°33	12°32	W21
T 22	0 3 41	29° 5'10	7♑13	17° 2	10°17	21°34	15°47	21°33	0°20	18°33	2°43	17°37	16° 4	21°40	12°30	T 22
F 23	0 7 38	0♎ 3'48	21°18	18°51	11°31	21°37	15°40	21°40	0°24	18°34	2°43	17°38	16° 1	21°47	12°28	F 23
S 24	0 11 35	1° 2'27	5♒40	20°40	12°45	21°41	15°32	21°47	0°27	18°36	2°42	17°39	15°58	21°53	12°26	S 24
S 25	0 15 31	2° 1'08	20°18	22°30	14° 0	21°47	15°25	21°54	0°31	18°38	2°42	17°R39	15°55	22° 0	12°24	S 25
M26	0 19 28	2°59'51	5♓ 7	24°20	15°14	21°52	15°17	22° 1	0°34	18°39	2°42	17°38	15°51	22° 6	12°22	M26
T 27	0 23 24	3°58'35	20° 1	26°11	16°28	21°59	15° 9	22° 8	0°37	18°41	2°41	17°35	15°48	22°13	12°20	T 27
W28	0 27 21	4°57'21	4♈53	28° 1	17°42	22° 6	15° 2	22°15	0°40	18°43	2°41	17°30	15°45	22°20	12°18	W28
T 29	0 31 17	5°56'09	19°33	29°52	18°57	22°15	14°54	22°22	0°44	18°44	2°40	17°22	15°42	22°26	12°16	T 29
F 30	0 35 14	6♎55'00	3♉55	1♎42	20♍11	22♒23	14♈46	22♎29	0♍47	18♏46	2♊39	17♌15	15♌39	22♌33	12♉14	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n19	0n38	4s13	10n14	2s33	17n 2	0n36	19s50	6s29	5n36	1s33	5s24	2n18	12n27	0n42	15s33	1n44	7n32	13s24	15n20	15n40	15n12	14n37	1s10
F 2	7 57	5 25	4 52	10 37	2 14	16 43	0 38	19 51	6 26	5 34	1 33	5 26	2 18	12 25	0 42	15 33	1 44	7 32	13 25	15 21	15 41	15 10	14 37	1 10
S 3	7 35	9 46	5 12	10 57	1 55	16 23	0 41	19 52	6 23	5 32	1 34	5 28	2 18	12 24	0 42	15 33	1 44	7 32	13 25	15 21	15 42	15 9	14 36	1 10
S 4	7 13	13 28	5 14	11 14	1 36	16 3	0 43	19 53	6 20	5 30	1 34	5 31	2 18	12 23	0 42	15 34	1 43	7 31	13 25	15 22	15 43	15 8	14 36	1 10
M 5	6 51	16 23	5 0	11 28	1 18	15 43	0 45	19 53	6 16	5 27	1 34	5 33	2 18	12 22	0 42	15 34	1 43	7 31	13 25	15 22	15 44	15 7	14 35	1 10
T 6	6 29	18 26	4 32	11 39	0 59	15 21	0 47	19 53	6 13	5 25	1 34	5 36	2 18	12 20	0 42	15 34	1 43	7 31	13 26	15 22	15 45	15 5	14 35	1 11
W 7	6 6	19 34	3 51	11 46	0 42	15 0	0 50	19 53	6 10	5 23	1 35	5 38	2 18	12 19	0 42	15 35	1 43	7 31	13 26	15 22	15 46	15 4	14 34	1 11
T 8	5 44	19 46	3 2	11 50	0 25	14 38	0 52	19 52	6 6	5 21	1 35	5 41	2 17	12 18	0 42	15 35	1 43	7 30	13 26	15 22	15 47	15 3	14 34	1 11
F 9	5 21	19 5	2 5	11 50	0 8	14 16	0 54	19 51	6 2	5 18	1 35	5 43	2 17	12 16	0 42	15 36	1 43	7 30	13 26	15 21	15 48	15 2	14 33	1 11
S 10	4 59	17 33	1 3	11 47	0n 7	13 53	0 56	19 50	5 58	5 16	1 35	5 46	2 17	12 15	0 42	15 36	1 43	7 30	13 27	15 21	15 49	15 0	14 33	1 11
S 11	4 36	15 17	0n 2	11 39	0 21	13 30	0 58	19 48	5 54	5 13	1 35	5 49	2 17	12 14	0 42	15 36	1 43	7 30	13 27	15 21	15 50	14 59	14 32	1 11
M12	4 13	12 22	1 6	11 28	0 35	13 6	1 0	19 46	5 50	5 11	1 35	5 51	2 17	12 13	0 42	15 37	1 43	7 29	13 27	15 21	15 51	14 58	14 32	1 11
T 13	3 50	8 56	2 8	11 14	0 47	12 42	1 2	19 44	5 46	5 8	1 36	5 54	2 17	12 11	0 42	15 37	1 43	7 29	13 27	15 21	15 52	14 57	14 31	1 12
W14	3 27	5 6	3 4	10 56	0 58	12 18	1 3	19 41	5 42	5 6	1 36	5 56	2 17	12 10	0 43	15 38	1 43	7 29	13 27	15 23	15 53	14 55	14 31	1 12
T 15	3 4	1 2	3 53	10 34	1 8	11 54	1 5	19 38	5 38	5 3	1 36	5 59	2 17	12 9	0 43	15 38	1 43	7 28	13 28	15 24	15 54	14 54	14 30	1 12
F 16	2 41	3s 7	4 32	10 10	1 17	11 29	1 7	19 35	5 34	5 0	1 36	6 1	2 17	12 8	0 43	15 38	1 43	7 28	13 28	15 26	15 55	14 53	14 29	1 12
S 17	2 18	7 13	4 58	9 42	1 25	11 3	1 9	19 31	5 29	4 58	1 36	6 4	2 17	12 7	0 43	15 39	1 43	7 28	13 28	15 28	15 56	14 51	14 29	1 12
S 18	1 55	11 3	5 10	9 11	1 32	10 38	1 10	19 27	5 25	4 55	1 36	6 7	2 16	12 5	0 43	15 39	1 43	7 28	13 28	15 30	15 57	14 50	14 28	1 12
M19	1 32	14 27	5 7	8 38	1 37	10 12	1 12	19 23	5 20	4 52	1 36	6 9	2 16	12 4	0 43	15 40	1 43	7 27	13 29	15 31	15 58	14 49	14 27	1 12
T 20	1 8	17 11	4 48	8 3	1 42	9 46	1 13	19 19	5 16	4 49	1 37	6 12	2 16	12 3	0 43	15 40	1 43	7 27	13 29	15 32	15 59	14 48	14 27	1 13
W21	0 45	19 4	4 12	7 26	1 46	9 19	1 15	19 14	5 11	4 46	1 37	6 15	2 16	12 2	0 43	15 41	1 43	7 27	13 29	15 33	16 0	14 46	14 26	1 13
T 22	0 22	19 52	3 22	6 46	1 48	8 53	1 16	19 9	5 7	4 43	1 37	6 17	2 16	12 1	0 43	15 41	1 43	7 26	13 29	15 33	16 0	14 45	14 25	1 13
F 23	0s 2	19 28	2 18	6 6	1 50	8 26	1 17	19 3	5 2	4 40	1 37	6 20	2 16	11 59	0 43	15 42	1 43	7 26	13 30	15 32	16 1	14 44	14 25	1 13
S 24	0 25	17 48	1 5	5 24	1 51	7 58	1 18	18 58	4 58	4 37	1 37	6 23	2 16	11 58	0 43	15 42	1 42	7 26	13 30	15 32	16 2	14 42	14 24	1 13
S 25	0 48	14 56	0s14	4 40	1 51	7 31	1 20	18 52	4 53	4 34	1 37	6 25	2 16	11 57	0 43	15 43	1 42	7 26	13 30	15 32	16 3	14 41	14 23	1 13
M26	1 11	11 4	1 33	3 56	1 50	7 3	1 21	18 45	4 49	4 31	1 37	6 28	2 16	11 56	0 43	15 43	1 42	7 25	13 30	15 32	16 4	14 40	14 22	1 13
T 27	1 35	6 30	2 46	3 11	1 49	6 35	1 22	18 39	4 44	4 28	1 37	6 31	2 16	11 55	0 43	15 44	1 42	7 25	13 30	15 33	16 5	14 38	14 22	1 14
W28	1 58	1 32	3 47	2 25	1 47	6 7	1 23	18 32	4 40	4 25	1 37	6 33	2 16	11 54	0 43	15 44	1 42	7 25	13 31	15 35	16 6	14 37	14 21	1 14
T 29	2 21	3n26	4 32	1 39	1 44	5 39	1 23	18 25	4 35	4 22	1 37	6 36	2 16	11 52	0 43	15 45	1 42	7 24	13 31	15 37	16 7	14 36	14 20	1 14
F 30	2s45	8n 7	4s59	0n53	1n41	5n11	1n24	18s18	4s31	4n19	1s37	6s39	2n16	11n51	0n43	15s45	1n42	7n24	13s31	15n39	16n 8	14n34	14n19	1s14

Julian Day Number = 2498904.5, Delta T = 108.76 sec
Ecliptic obliquity = 23°25'14, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°33'07, Lahiri = 25°40'08

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ASTRODIENST EPHEMERIS for the year 2129
geocentric

OCTOBER 2129 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 10	7♎53'52	17♉53	3♎31	21♍25	22♒33	14°R38	22♎36	0♍50	18♏48	2°R39	17°R 7	15♌36	22♌40	12°R11	S 1
S 2	0 43 7	8°52'47	1♊24	5°20	22°40	22°43	14♈30	22°43	0°53	18°50	2♊38	17♌ 0	15°32	22°46	12♉ 9	S 2
M 3	0 47 3	9°51'44	14°28	7° 8	23°54	22°54	14°22	22°50	0°56	18°52	2°38	16°55	15°29	22°53	12° 7	M 3
T 4	0 51 0	10°50'43	27° 7	8°56	25° 9	23° 6	14°14	22°58	0°59	18°53	2°37	16°52	15°26	23° 0	12° 4	T 4
W 5	0 54 57	11°49'45	9♋26	10°42	26°23	23°18	14° 6	23° 5	1° 2	18°55	2°36	16°D51	15°23	23° 6	12° 2	W 5
T 6	0 58 53	12°48'49	21°29	12°28	27°38	23°32	13°58	23°12	1° 6	18°57	2°36	16°51	15°20	23°13	11°59	T 6
F 7	1 2 50	13°47'55	3♌22	14°14	28°53	23°45	13°50	23°19	1° 9	18°59	2°35	16°52	15°16	23°20	11°57	F 7
S 8	1 6 46	14°47'03	15° 9	15°58	0♏ 7	24° 0	13°42	23°26	1°11	19° 1	2°34	16°R52	15°13	23°26	11°54	S 8
S 9	1 10 43	15°46'14	26°57	17°42	1°22	24°15	13°34	23°34	1°14	19° 3	2°34	16°52	15°10	23°33	11°52	S 9
M10	1 14 39	16°45'27	8♍48	19°25	2°37	24°30	13°25	23°41	1°17	19° 5	2°33	16°49	15° 7	23°39	11°49	M10
T 11	1 18 36	17°44'42	20°47	21° 7	3°51	24°47	13°17	23°48	1°20	19° 7	2°32	16°44	15° 4	23°46	11°47	T 11
W12	1 22 32	18°43'59	2♎58	22°49	5° 6	25° 4	13° 9	23°56	1°23	19° 9	2°31	16°37	15° 1	23°53	11°44	W12
T 13	1 26 29	19°43'18	15°20	24°29	6°21	25°21	13° 1	24° 3	1°26	19°11	2°31	16°27	14°57	23°59	11°41	T 13
F 14	1 30 26	20°42'39	27°56	26° 9	7°36	25°39	12°53	24°10	1°29	19°13	2°30	16°15	14°54	24° 6	11°39	F 14
S 15	1 34 22	21°42'03	10♏45	27°48	8°51	25°58	12°46	24°17	1°31	19°15	2°29	16° 3	14°51	24°13	11°36	S 15
S 16	1 38 19	22°41'28	23°47	29°27	10° 6	26°17	12°38	24°25	1°34	19°17	2°28	15°52	14°48	24°19	11°33	S 16
M17	1 42 15	23°40'55	7♐ 0	1♏ 4	11°20	26°37	12°30	24°32	1°37	19°19	2°27	15°43	14°45	24°26	11°30	M17
T 18	1 46 12	24°40'24	20°25	2°41	12°35	26°57	12°22	24°39	1°39	19°21	2°27	15°36	14°41	24°33	11°28	T 18
W19	1 50 8	25°39'55	4♑ 0	4°18	13°50	27°18	12°15	24°47	1°42	19°23	2°26	15°31	14°38	24°39	11°25	W19
T 20	1 54 5	26°39'28	17°46	5°53	15° 5	27°40	12° 7	24°54	1°44	19°25	2°25	15°30	14°35	24°46	11°22	T 20
F 21	1 58 1	27°39'02	1♒43	7°28	16°20	28° 2	11°59	25° 1	1°47	19°27	2°24	15°D29	14°32	24°53	11°19	F 21
S 22	2 1 58	28°38'38	15°50	9° 3	17°35	28°24	11°52	25° 9	1°49	19°29	2°23	15°R30	14°29	24°59	11°16	S 22
S 23	2 5 55	29°38'16	0♓ 8	10°37	18°50	28°47	11°45	25°16	1°52	19°32	2°22	15°29	14°26	25° 6	11°13	S 23
M24	2 9 51	0♏37'55	14°33	12°10	20° 5	29°10	11°38	25°23	1°54	19°34	2°21	15°26	14°22	25°13	11°11	M24
T 25	2 13 48	1°37'36	29° 3	13°43	21°20	29°34	11°30	25°31	1°56	19°36	2°20	15°21	14°19	25°19	11° 8	T 25
W26	2 17 44	2°37'19	13♈32	15°15	22°35	29°58	11°23	25°38	1°59	19°38	2°19	15°13	14°16	25°26	11° 5	W26
T 27	2 21 41	3°37'03	27°54	16°46	23°50	0♓23	11°17	25°45	2° 1	19°40	2°18	15° 2	14°13	25°32	11° 2	T 27
F 28	2 25 37	4°36'50	12♉ 2	18°17	25° 6	0°48	11°10	25°52	2° 3	19°42	2°17	14°50	14°10	25°39	10°59	F 28
S 29	2 29 34	5°36'39	25°52	19°48	26°21	1°13	11° 3	26° 0	2° 5	19°45	2°16	14°38	14° 7	25°46	10°56	S 29
S 30	2 33 30	6°36'29	9♊19	21°17	27°36	1°39	10°57	26° 7	2° 7	19°47	2°15	14°27	14° 3	25°52	10°53	S 30
M31	2 37 27	7♏36'22	22♊22	22♏47	28♎51	2♓ 5	10♈50	26♎14	2♍ 9	19♏49	2♊14	14♌18	14♌ 0	25♌59	10♉50	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 8	12n13	5s 7	0n 6	1n38	4n42	1n25	18s11	4s26	4n16	1s37	6s41	2n16	11n50	0n43	15s46	1n42	7n24	13s31	15n42	16n 9	14n33	14n18	1s14
S 2	3 31	15 34	4 58	0s41	1 34	4 13	1 26	18 3	4 22	4 13	1 37	6 44	2 15	11 49	0 43	15 46	1 42	7 23	13 31	15 44	16 10	14 32	14 18	1 14
M 3	3 54	18 0	4 33	1 27	1 30	3 44	1 26	17 55	4 17	4 10	1 37	6 47	2 15	11 48	0 43	15 47	1 42	7 23	13 32	15 45	16 11	14 30	14 17	1 14
T 4	4 17	19 28	3 55	2 14	1 25	3 15	1 27	17 47	4 13	4 7	1 37	6 49	2 15	11 47	0 43	15 47	1 42	7 23	13 32	15 46	16 12	14 29	14 16	1 14
W 5	4 40	19 58	3 7	3 0	1 20	2 46	1 27	17 39	4 8	4 4	1 37	6 52	2 15	11 46	0 43	15 48	1 42	7 23	13 32	15 47	16 13	14 28	14 15	1 15
T 6	5 3	19 32	2 12	3 47	1 15	2 17	1 28	17 30	4 4	4 0	1 37	6 55	2 15	11 45	0 43	15 48	1 42	7 22	13 32	15 46	16 14	14 26	14 14	1 15
F 7	5 26	18 13	1 12	4 33	1 9	1 48	1 28	17 22	4 0	3 57	1 37	6 57	2 15	11 44	0 43	15 49	1 42	7 22	13 32	15 46	16 15	14 25	14 13	1 15
S 8	5 49	16 8	0 9	5 18	1 3	1 18	1 28	17 13	3 55	3 54	1 37	7 0	2 15	11 43	0 43	15 50	1 42	7 22	13 33	15 46	16 16	14 24	14 12	1 15
S 9	6 12	13 22	0n54	6 3	0 57	0 49	1 29	17 4	3 51	3 51	1 37	7 3	2 15	11 42	0 43	15 50	1 42	7 21	13 33	15 46	16 16	14 22	14 12	1 15
M10	6 35	10 2	1 55	6 48	0 51	0 19	1 29	16 54	3 47	3 48	1 37	7 5	2 15	11 41	0 43	15 51	1 42	7 21	13 33	15 47	16 17	14 21	14 11	1 15
T 11	6 57	6 16	2 51	7 32	0 45	0s10	1 29	16 45	3 43	3 45	1 37	7 8	2 15	11 40	0 43	15 51	1 42	7 21	13 33	15 48	16 18	14 19	14 10	1 15
W12	7 20	2 12	3 40	8 16	0 39	0 40	1 29	16 35	3 38	3 42	1 37	7 11	2 15	11 39	0 43	15 52	1 42	7 20	13 33	15 51	16 19	14 18	14 9	1 15
T 13	7 42	2s 2	4 20	8 59	0 32	1 10	1 29	16 25	3 34	3 39	1 37	7 14	2 15	11 38	0 43	15 52	1 42	7 20	13 33	15 54	16 20	14 17	14 8	1 16
F 14	8 5	6 15	4 48	9 42	0 25	1 39	1 29	16 15	3 30	3 36	1 37	7 16	2 15	11 37	0 43	15 53	1 42	7 20	13 34	15 57	16 21	14 15	14 7	1 16
S 15	8 27	10 15	5 1	10 24	0 19	2 9	1 28	16 5	3 26	3 33	1 37	7 19	2 15	11 36	0 43	15 53	1 42	7 19	13 34	16 1	16 22	14 14	14 6	1 16
S 16	8 49	13 51	5 0	11 5	0 12	2 39	1 28	15 54	3 22	3 30	1 37	7 22	2 15	11 35	0 43	15 54	1 42	7 19	13 34	16 4	16 23	14 13	14 5	1 16
M17	9 11	16 49	4 42	11 45	0 5	3 8	1 28	15 44	3 18	3 27	1 37	7 24	2 15	11 34	0 43	15 55	1 42	7 19	13 34	16 7	16 24	14 11	14 4	1 16
T 18	9 33	18 56	4 9	12 25	0s 2	3 38	1 27	15 33	3 14	3 24	1 37	7 27	2 15	11 33	0 43	15 55	1 42	7 19	13 34	16 9	16 25	14 10	14 3	1 16
W19	9 55	20 0	3 22	13 5	0 9	4 7	1 27	15 22	3 10	3 21	1 37	7 30	2 15	11 32	0 43	15 56	1 42	7 18	13 34	16 10	16 26	14 8	14 2	1 16
T 20	10 16	19 54	2 22	13 43	0 15	4 37	1 26	15 11	3 6	3 18	1 37	7 32	2 15	11 31	0 43	15 56	1 42	7 18	13 35	16 11	16 27	14 7	14 1	1 16
F 21	10 38	18 35	1 13	14 21	0 22	5 6	1 26	15 0	3 2	3 15	1 36	7 35	2 15	11 31	0 43	15 57	1 42	7 18	13 35	16 11	16 28	14 6	14 0	1 16
S 22	10 59	16 6	0s 2	14 58	0 29	5 35	1 25	14 49	2 58	3 13	1 36	7 37	2 15	11 30	0 44	15 58	1 42	7 17	13 35	16 11	16 29	14 4	13 59	1 16
S 23	11 20	12 37	1 17	15 34	0 36	6 4	1 24	14 37	2 55	3 10	1 36	7 40	2 15	11 29	0 44	15 58	1 42	7 17	13 35	16 11	16 29	14 3	13 58	1 17
M24	11 41	8 21	2 28	16 9	0 43	6 33	1 24	14 25	2 51	3 7	1 36	7 43	2 15	11 28	0 44	15 59	1 42	7 17	13 35	16 12	16 30	14 1	13 57	1 17
T 25	12 2	3 34	3 29	16 44	0 49	7 2	1 23	14 14	2 47	3 5	1 36	7 45	2 15	11 27	0 44	15 59	1 42	7 17	13 35	16 13	16 31	14 0	13 56	1 17
W26	12 22	1n24	4 17	17 17	0 56	7 31	1 22	14 2	2 44	3 2	1 36	7 48	2 15	11 27	0 44	16 0	1 42	7 16	13 35	16 16	16 32	13 58	13 55	1 17
T 27	12 43	6 14	4 48	17 50	1 3	8 0	1 21	13 50	2 40	2 59	1 36	7 51	2 15	11 26	0 44	16 1	1 42	7 16	13 35	16 19	16 33	13 57	13 54	1 17
F 28	13 3	10 40	5 1	18 22	1 9	8 28	1 20	13 37	2 37	2 57	1 36	7 53	2 15	11 25	0 44	16 1	1 41	7 16	13 35	16 22	16 34	13 56	13 53	1 17
S 29	13 23	14 25	4 55	18 53	1 15	8 56	1 19	13 25	2 33	2 54	1 35	7 56	2 15	11 24	0 44	16 2	1 41	7 15	13 36	16 26	16 35	13 54	13 52	1 17
S 30	13 43	17 19	4 33	19 23	1 22	9 24	1 17	13 12	2 30	2 52	1 35	7 58	2 15	11 24	0 44	16 2	1 41	7 15	13 36	16 29	16 36	13 53	13 51	1 17
M31	14s 2	19n15	3s58	19s52	1s28	9s52	1n16	13s 0	2s26	2n50	1s35	8s 1	2n15	11n23	0n44	16s 3	1n41	7n15	13s36	16n32	16n37	13n51	13n50	1s17

Julian Day Number = 2498934.5, Delta T = 108.81 sec
Ecliptic obliquity = 23°25'15, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°33'12, Lahiri = 25°40'12

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ASTRODIENST EPHEMERIS for the year 2129
geocentric

NOVEMBER 2129 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 24	8♏36'17	5♋ 3	24♏16	0♏ 6	2♓32	10°R44	26♎21	2♍11	19♏51	2°R13	14°R11	13♌57	26♌ 6	10°R47	T 1
W 2	2 45 20	9°36'14	17°23	25°44	1°21	2°59	10♈38	26°28	2°13	19°53	2♊12	14♌ 8	13°54	26°12	10♉44	W 2
T 3	2 49 17	10°36'14	29°27	27°11	2°37	3°26	10°32	26°36	2°15	19°56	2°11	14° 6	13°51	26°19	10°41	T 3
F 4	2 53 13	11°36'15	11♌20	28°38	3°52	3°54	10°26	26°43	2°17	19°58	2°10	14° 6	13°47	26°26	10°38	F 4
S 5	2 57 10	12°36'18	23° 8	0♐ 5	5° 7	4°22	10°20	26°50	2°19	20° 0	2° 9	14° 6	13°44	26°32	10°35	S 5
S 6	3 1 6	13°36'24	4♍57	1°31	6°22	4°50	10°15	26°57	2°21	20° 2	2° 8	14° 5	13°41	26°39	10°32	S 6
M 7	3 5 3	14°36'32	16°51	2°56	7°38	5°19	10° 9	27° 4	2°23	20° 5	2° 7	14° 2	13°38	26°46	10°29	M 7
T 8	3 8 59	15°36'41	28°55	4°20	8°53	5°48	10° 4	27°11	2°24	20° 7	2° 6	13°56	13°35	26°52	10°26	T 8
W 9	3 12 56	16°36'53	11♎13	5°44	10° 8	6°17	9°59	27°18	2°26	20° 9	2° 5	13°47	13°32	26°59	10°23	W 9
T 10	3 16 53	17°37'06	23°48	7° 7	11°23	6°47	9°54	27°25	2°27	20°11	2° 4	13°36	13°28	27° 6	10°21	T 10
F 11	3 20 49	18°37'22	6♏40	8°29	12°39	7°17	9°50	27°32	2°29	20°14	2° 3	13°23	13°25	27°12	10°18	F 11
S 12	3 24 46	19°37'39	19°50	9°50	13°54	7°47	9°45	27°39	2°30	20°16	2° 2	13°10	13°22	27°19	10°15	S 12
S 13	3 28 42	20°37'58	3♐15	11° 9	15° 9	8°17	9°41	27°46	2°32	20°18	2° 1	12°57	13°19	27°25	10°12	S 13
M14	3 32 39	21°38'19	16°53	12°28	16°25	8°48	9°37	27°53	2°33	20°20	1°59	12°46	13°16	27°32	10° 9	M14
T 15	3 36 35	22°38'41	0♑42	13°45	17°40	9°19	9°33	28° 0	2°35	20°23	1°58	12°38	13°13	27°39	10° 6	T 15
W16	3 40 32	23°39'05	14°37	15° 1	18°56	9°50	9°29	28° 7	2°36	20°25	1°57	12°32	13° 9	27°45	10° 3	W16
T 17	3 44 28	24°39'30	28°36	16°15	20°11	10°22	9°25	28°14	2°37	20°27	1°56	12°30	13° 6	27°52	10° 0	T 17
F 18	3 48 25	25°39'56	12♒39	17°27	21°26	10°54	9°22	28°20	2°38	20°29	1°55	12°D29	13° 3	27°59	9°57	F 18
S 19	3 52 22	26°40'24	26°43	18°37	22°42	11°26	9°19	28°27	2°39	20°32	1°54	12°R29	13° 0	28° 5	9°55	S 19
S 20	3 56 18	27°40'53	10♓49	19°45	23°57	11°58	9°16	28°34	2°40	20°34	1°53	12°29	12°57	28°12	9°52	S 20
M21	4 0 15	28°41'23	24°55	20°50	25°12	12°30	9°13	28°41	2°41	20°36	1°52	12°26	12°53	28°19	9°49	M21
T 22	4 4 11	29°41'54	9♈ 1	21°51	26°28	13° 3	9°10	28°47	2°42	20°38	1°50	12°21	12°50	28°25	9°46	T 22
W23	4 8 8	0♐42'27	23° 2	22°49	27°43	13°36	9° 8	28°54	2°43	20°41	1°49	12°13	12°47	28°32	9°44	W23
T 24	4 12 4	1°43'01	6♉57	23°44	28°59	14° 9	9° 6	29° 0	2°44	20°43	1°48	12° 3	12°44	28°39	9°41	T 24
F 25	4 16 1	2°43'36	20°41	24°33	0♐14	14°42	9° 4	29° 7	2°45	20°45	1°47	11°52	12°41	28°45	9°38	F 25
S 26	4 19 57	3°44'13	4♊11	25°18	1°29	15°16	9° 2	29°13	2°45	20°47	1°46	11°40	12°38	28°52	9°36	S 26
S 27	4 23 54	4°44'51	17°23	25°56	2°45	15°49	9° 1	29°20	2°46	20°49	1°45	11°29	12°34	28°59	9°33	S 27
M28	4 27 51	5°45'31	0♋17	26°29	4° 0	16°23	8°59	29°26	2°47	20°52	1°44	11°20	12°31	29° 5	9°30	M28
T 29	4 31 47	6°46'12	12°52	26°53	5°16	16°57	8°58	29°33	2°47	20°54	1°43	11°13	12°28	29°12	9°28	T 29
W30	4 35 44	7♐46'54	25♋10	27♐10	6♐31	17♓32	8♈57	29♎39	2♍48	20♏56	1♊41	11♌10	12♌25	29♌19	9♉25	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s22	20n 8	3s11	20s20	1s34	10s20	1n15	12s47	2s23	2n47	1s35	8s 3	2n16	11n22	0n44	16s 4	1n41	7n15	13s36	16n34	16n38	13n50	13n49	1s17
W 2	14 41	20 2	2 17	20 47	1 40	10 47	1 14	12 34	2 19	2 45	1 35	8 6	2 16	11 22	0 44	16 4	1 41	7 14	13 36	16 35	16 39	13 48	13 48	1 18
T 3	15 0	19 0	1 17	21 13	1 45	11 14	1 12	12 21	2 16	2 43	1 34	8 8	2 16	11 21	0 44	16 5	1 41	7 14	13 36	16 35	16 40	13 47	13 47	1 18
F 4	15 18	17 8	0 15	21 38	1 51	11 41	1 11	12 8	2 13	2 41	1 34	8 11	2 16	11 20	0 44	16 5	1 41	7 14	13 36	16 35	16 40	13 46	13 46	1 18
S 5	15 37	14 33	0n48	22 2	1 56	12 8	1 9	11 55	2 10	2 39	1 34	8 13	2 16	11 20	0 44	16 6	1 41	7 14	13 36	16 35	16 41	13 44	13 45	1 18
S 6	15 55	11 22	1 48	22 25	2 1	12 34	1 8	11 42	2 7	2 37	1 34	8 16	2 16	11 19	0 44	16 7	1 41	7 13	13 36	16 36	16 42	13 43	13 44	1 18
M 7	16 13	7 43	2 44	22 47	2 6	13 0	1 6	11 28	2 3	2 35	1 34	8 18	2 16	11 18	0 44	16 7	1 41	7 13	13 36	16 36	16 43	13 41	13 43	1 18
T 8	16 30	3 42	3 34	23 8	2 10	13 26	1 5	11 15	2 0	2 33	1 33	8 21	2 16	11 18	0 44	16 8	1 41	7 13	13 36	16 38	16 44	13 40	13 42	1 18
W 9	16 47	0s32	4 14	23 27	2 15	13 51	1 3	11 1	1 57	2 31	1 33	8 23	2 16	11 17	0 44	16 8	1 41	7 13	13 36	16 41	16 45	13 38	13 41	1 18
T 10	17 4	4 51	4 43	23 45	2 19	14 16	1 1	10 47	1 54	2 30	1 33	8 26	2 16	11 17	0 44	16 9	1 41	7 12	13 36	16 44	16 46	13 37	13 40	1 18
F 11	17 21	9 2	4 58	24 3	2 22	14 41	1 0	10 33	1 51	2 28	1 33	8 28	2 16	11 16	0 44	16 10	1 41	7 12	13 36	16 47	16 47	13 35	13 39	1 18
S 12	17 38	12 53	4 58	24 18	2 26	15 5	0 58	10 19	1 48	2 27	1 32	8 31	2 16	11 16	0 44	16 10	1 41	7 12	13 37	16 51	16 48	13 34	13 38	1 18
S 13	17 54	16 10	4 42	24 33	2 29	15 29	0 56	10 5	1 45	2 25	1 32	8 33	2 16	11 15	0 44	16 11	1 41	7 12	13 37	16 55	16 49	13 32	13 37	1 18
M14	18 10	18 38	4 9	24 46	2 31	15 52	0 54	9 51	1 43	2 24	1 32	8 35	2 16	11 15	0 44	16 11	1 41	7 11	13 37	16 58	16 50	13 31	13 36	1 18
T 15	18 25	20 3	3 22	24 58	2 33	16 15	0 52	9 37	1 40	2 22	1 32	8 38	2 16	11 14	0 44	16 12	1 41	7 11	13 37	17 0	16 50	13 29	13 35	1 19
W16	18 40	20 16	2 22	25 9	2 35	16 38	0 50	9 22	1 37	2 21	1 31	8 40	2 17	11 14	0 45	16 13	1 41	7 11	13 37	17 2	16 51	13 28	13 35	1 19
T 17	18 55	19 14	1 13	25 18	2 36	17 0	0 48	9 8	1 34	2 20	1 31	8 42	2 17	11 14	0 45	16 13	1 41	7 11	13 37	17 2	16 52	13 26	13 34	1 19
F 18	19 10	17 1	0s 1	25 26	2 37	17 22	0 46	8 53	1 32	2 19	1 31	8 45	2 17	11 13	0 45	16 14	1 41	7 11	13 37	17 3	16 53	13 25	13 33	1 19
S 19	19 24	13 46	1 15	25 32	2 37	17 43	0 44	8 39	1 29	2 18	1 31	8 47	2 17	11 13	0 45	16 14	1 41	7 10	13 37	17 3	16 54	13 23	13 32	1 19
S 20	19 38	9 44	2 24	25 38	2 36	18 4	0 42	8 24	1 26	2 17	1 30	8 49	2 17	11 13	0 45	16 15	1 41	7 10	13 37	17 3	16 55	13 22	13 31	1 19
M21	19 51	5 9	3 25	25 41	2 35	18 24	0 40	8 9	1 24	2 16	1 30	8 52	2 17	11 12	0 45	16 15	1 41	7 10	13 37	17 3	16 56	13 20	13 30	1 19
T 22	20 4	0 18	4 13	25 43	2 33	18 44	0 38	7 54	1 21	2 15	1 30	8 54	2 17	11 12	0 45	16 16	1 41	7 10	13 37	17 5	16 57	13 19	13 29	1 19
W23	20 17	4n31	4 46	25 44	2 31	19 4	0 35	7 39	1 19	2 15	1 30	8 56	2 17	11 12	0 45	16 17	1 41	7 10	13 37	17 7	16 58	13 17	13 28	1 19
T 24	20 29	9 5	5 1	25 43	2 27	19 22	0 33	7 24	1 16	2 14	1 29	8 58	2 17	11 11	0 45	16 17	1 41	7 9	13 37	17 10	16 59	13 16	13 27	1 19
F 25	20 41	13 6	4 59	25 41	2 22	19 41	0 31	7 9	1 14	2 14	1 29	9 0	2 18	11 11	0 45	16 18	1 41	7 9	13 36	17 13	16 59	13 14	13 26	1 19
S 26	20 53	16 23	4 39	25 37	2 17	19 58	0 29	6 54	1 11	2 13	1 29	9 3	2 18	11 11	0 45	16 18	1 41	7 9	13 36	17 16	17 0	13 13	13 25	1 19
S 27	21 4	18 45	4 6	25 31	2 10	20 16	0 26	6 39	1 9	2 13	1 28	9 5	2 18	11 11	0 45	16 19	1 41	7 9	13 36	17 19	17 1	13 11	13 24	1 19
M28	21 15	20 5	3 20	25 24	2 2	20 32	0 24	6 23	1 7	2 13	1 28	9 7	2 18	11 11	0 45	16 19	1 41	7 9	13 36	17 22	17 2	13 10	13 24	1 19
T 29	21 25	20 24	2 25	25 16	1 53	20 48	0 22	6 8	1 4	2 12	1 28	9 9	2 18	11 10	0 45	16 20	1 41	7 9	13 36	17 24	17 3	13 8	13 23	1 19
W30	21s35	19n42	1s24	25s 6	1s42	21s 4	0n20	5s53	1s 2	2n12	1s28	9s11	2n18	11n10	0n45	16s21	1n42	7n 8	13s36	17n25	17n 4	13n 7	13n22	1s19

Julian Day Number = 2498965.5, Delta T = 108.86 sec
Ecliptic obliquity = 23°25'14, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°33'16, Lahiri = 25°40'16

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ASTRODIENST EPHEMERIS for the year 2129
geocentric

DECEMBER 2129 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 40	8♐47'38	7♌13	27°R18	7♐47	18♓ 6	8°R56	29♎45	2♍48	20♏58	1°R40	11°D 8	12♌22	29♌25	9°R23	T 1
F 2	4 43 37	9°48'23	19° 7	27♐17	9° 2	18°40	8♈56	29°51	2°49	21° 0	1♊39	11♌ 8	12°19	29°32	9♉20	F 2
S 3	4 47 33	10°49'10	0♍55	27° 5	10°18	19°15	8°56	29°57	2°49	21° 2	1°38	11° 9	12°15	29°38	9°18	S 3
S 4	4 51 30	11°49'59	12°44	26°42	11°33	19°50	8°D55	0♏ 3	2°49	21° 5	1°37	11°R10	12°12	29°45	9°15	S 4
M 5	4 55 26	12°50'48	24°38	26° 8	12°48	20°25	8°56	0°10	2°49	21° 7	1°36	11° 9	12° 9	29°52	9°13	M 5
T 6	4 59 23	13°51'39	6♎43	25°23	14° 4	21° 0	8°56	0°15	2°49	21° 9	1°35	11° 6	12° 6	29°58	9°11	T 6
W 7	5 3 20	14°52'32	19° 4	24°27	15°19	21°35	8°56	0°21	2°50	21°11	1°34	11° 1	12° 3	0♍ 5	9° 9	W 7
T 8	5 7 16	15°53'25	1♏44	23°22	16°35	22°11	8°57	0°27	2°R50	21°13	1°33	10°53	11°59	0°12	9° 6	T 8
F 9	5 11 13	16°54'20	14°46	22° 9	17°50	22°46	8°58	0°33	2°50	21°15	1°32	10°44	11°56	0°18	9° 4	F 9
S 10	5 15 9	17°55'17	28°10	20°50	19° 6	23°22	8°59	0°39	2°50	21°17	1°30	10°35	11°53	0°25	9° 2	S 10
S 11	5 19 6	18°56'14	11♐55	19°28	20°21	23°58	9° 1	0°44	2°49	21°19	1°29	10°26	11°50	0°32	9° 0	S 11
M12	5 23 2	19°57'12	25°58	18° 5	21°37	24°34	9° 2	0°50	2°49	21°21	1°28	10°18	11°47	0°38	8°58	M12
T 13	5 26 59	20°58'12	10♑13	16°44	22°52	25°10	9° 4	0°56	2°49	21°23	1°27	10°12	11°44	0°45	8°56	T 13
W14	5 30 55	21°59'12	24°35	15°28	24° 8	25°46	9° 6	1° 1	2°49	21°25	1°26	10° 8	11°40	0°52	8°54	W14
T 15	5 34 52	23° 0'12	9♒ 0	14°20	25°23	26°22	9° 8	1° 7	2°48	21°27	1°25	10°D 7	11°37	0°58	8°52	T 15
F 16	5 38 49	24° 1'14	23°22	13°20	26°39	26°59	9°10	1°12	2°48	21°29	1°24	10° 8	11°34	1° 5	8°50	F 16
S 17	5 42 45	25° 2'15	7♓38	12°30	27°54	27°35	9°13	1°17	2°47	21°31	1°23	10° 9	11°31	1°12	8°48	S 17
S 18	5 46 42	26° 3'17	21°47	11°52	29°10	28°12	9°16	1°22	2°47	21°33	1°22	10°R10	11°28	1°18	8°46	S 18
M19	5 50 38	27° 4'20	5♈47	11°24	0♑25	28°49	9°19	1°28	2°46	21°35	1°21	10°10	11°25	1°25	8°45	M19
T 20	5 54 35	28° 5'22	19°37	11° 8	1°41	29°26	9°22	1°33	2°46	21°37	1°20	10° 8	11°21	1°32	8°43	T 20
W21	5 58 31	29° 6'25	3♉18	11°D 2	2°56	0♈ 2	9°25	1°38	2°45	21°39	1°19	10° 4	11°18	1°38	8°41	W21
T 22	6 2 28	0♑ 7'29	16°47	11° 5	4°12	0°40	9°29	1°43	2°44	21°41	1°18	9°58	11°15	1°45	8°40	T 22
F 23	6 6 24	1° 8'33	0♊ 4	11°19	5°27	1°17	9°33	1°48	2°43	21°43	1°17	9°51	11°12	1°52	8°38	F 23
S 24	6 10 21	2° 9'37	13° 8	11°40	6°43	1°54	9°37	1°52	2°43	21°44	1°16	9°44	11° 9	1°58	8°37	S 24
S 25	6 14 18	3°10'41	25°59	12° 9	7°58	2°31	9°41	1°57	2°42	21°46	1°15	9°38	11° 5	2° 5	8°35	S 25
M26	6 18 14	4°11'47	8♋36	12°45	9°13	3° 8	9°45	2° 2	2°41	21°48	1°14	9°33	11° 2	2°12	8°34	M26
T 27	6 22 11	5°12'52	20°59	13°27	10°29	3°46	9°50	2° 6	2°40	21°50	1°13	9°29	10°59	2°18	8°33	T 27
W28	6 26 7	6°13'58	3♌10	14°14	11°44	4°23	9°54	2°11	2°39	21°52	1°12	9°28	10°56	2°25	8°31	W28
T 29	6 30 4	7°15'04	15°10	15° 7	13° 0	5° 1	9°59	2°15	2°38	21°53	1°12	9°D28	10°53	2°32	8°30	T 29
F 30	6 34 0	8°16'11	27° 2	16° 3	14°15	5°39	10° 4	2°19	2°37	21°55	1°11	9°29	10°50	2°38	8°29	F 30
S 31	6 37 57	9♑17'18	8♍50	17♐ 3	15♑31	6♈16	10♈10	2♏24	2♍35	21♏57	1♊10	9♌31	10♌46	2♍45	8♉28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	21s45	18n 7	0s21	24s54	1s30	21s18	0n17	5s37	1s 0	2n12	1s27	9s13	2n18	11n10	0n45	16s21	1n42	7n 8	13s36	17n25	17n 5	13n 5	13n21	1s19	
F 2	21 54	15 45	0n43	24 41	1 17	21 33	0 15	5 22	0 58	2 12	1 27	9 15	2 18	11 10	0 45	16 22	1 42	7 8	13 36	17 25	17 6	13 3	13 20	1 19	
S 3	22 3	12 46	1 44	24 26	1 2	21 46	0 12	5 6	0 55	2 12	1 27	9 17	2 19	11 10	0 45	16 22	1 42	7 8	13 36	17 25	17 7	13 2	13 19	1 20	
S 4	22 11	9 15	2 41	24 9	0 46	21 59	0 10	4 50	0 53	2 13	1 26	9 19	2 19	11 10	0 45	16 23	1 42	7 8	13 36	17 25	17 7	13 0	13 19	1 20	
M 5	22 19	5 22	3 31	23 50	0 28	22 11	0 8	4 35	0 51	2 13	1 26	9 21	2 19	11 10	0 45	16 23	1 42	7 8	13 36	17 25	17 8	12 59	13 18	1 20	
T 6	22 27	1 13	4 13	23 30	0 10	22 23	0 5	4 19	0 49	2 13	1 26	9 23	2 19	11 10	0 45	16 24	1 42	7 8	13 36	17 26	17 9	12 57	13 17	1 20	
W 7	22 34	3s 4	4 44	23 8	0n10	22 34	0 3	4 3	0 47	2 14	1 25	9 25	2 19	11 10	0 45	16 24	1 42	7 7	13 36	17 27	17 10	12 56	13 16	1 20	
T 8	22 40	7 20	5 2	22 45	0 30	22 44	0 0	3 47	0 45	2 14	1 25	9 27	2 19	11 10	0 46	16 25	1 42	7 7	13 36	17 29	17 11	12 54	13 16	1 20	
F 9	22 47	11 23	5 5	22 21	0 50	22 54	0s 2	3 31	0 43	2 15	1 25	9 29	2 20	11 10	0 46	16 25	1 42	7 7	13 35	17 32	17 12	12 53	13 15	1 20	
S 10	22 52	14 59	4 52	21 56	1 10	23 3	0 4	3 15	0 41	2 16	1 25	9 30	2 20	11 10	0 46	16 26	1 42	7 7	13 35	17 34	17 13	12 51	13 14	1 20	
S 11	22 58	17 53	4 22	21 31	1 30	23 11	0 7	2 59	0 39	2 17	1 24	9 32	2 20	11 10	0 46	16 26	1 42	7 7	13 35	17 37	17 14	12 49	13 13	1 20	
M12	23 2	19 47	3 35	21 6	1 47	23 18	0 9	2 43	0 37	2 17	1 24	9 34	2 20	11 10	0 46	16 27	1 42	7 7	13 35	17 39	17 15	12 48	13 13	1 20	
T 13	23 7	20 28	2 34	20 43	2 4	23 25	0 11	2 27	0 35	2 18	1 24	9 36	2 20	11 10	0 46	16 27	1 42	7 7	13 35	17 40	17 15	12 46	13 12	1 20	
W14	23 11	19 50	1 23	20 21	2 18	23 31	0 14	2 11	0 33	2 20	1 23	9 37	2 20	11 11	0 46	16 28	1 42	7 7	13 35	17 41	17 16	12 45	13 11	1 20	
T 15	23 14	17 54	0 6	20 2	2 30	23 37	0 16	1 55	0 31	2 21	1 23	9 39	2 21	11 11	0 46	16 28	1 42	7 7	13 35	17 42	17 17	12 43	13 11	1 20	
F 16	23 17	14 50	1s11	19 45	2 39	23 41	0 19	1 39	0 30	2 22	1 23	9 41	2 21	11 11	0 46	16 29	1 42	7 7	13 35	17 41	17 18	12 41	13 10	1 20	
S 17	23 20	10 55	2 23	19 32	2 46	23 45	0 21	1 23	0 28	2 23	1 22	9 42	2 21	11 11	0 46	16 29	1 42	7 7	13 34	17 41	17 19	12 40	13 10	1 20	
S 18	23 22	6 25	3 26	19 22	2 51	23 48	0 23	1 7	0 26	2 24	1 22	9 44	2 21	11 11	0 46	16 30	1 42	7 7	13 34	17 41	17 20	12 38	13 9	1 20	
M19	23 23	1 38	4 16	19 16	2 54	23 51	0 26	0 51	0 24	2 26	1 22	9 46	2 21	11 12	0 46	16 30	1 42	7 7	13 34	17 41	17 21	12 37	13 8	1 20	
T 20	23 24	3n11	4 51	19 12	2 55	23 52	0 28	0 34	0 23	2 27	1 22	9 47	2 22	11 12	0 46	16 31	1 42	7 7	13 34	17 42	17 22	12 35	13 8	1 20	
W21	23 25	7 46	5 8	19 12	2 54	23 53	0 30	0 18	0 21	2 29	1 21	9 49	2 22	11 12	0 46	16 31	1 42	7 7	13 34	17 43	17 22	12 33	13 7	1 20	
T 22	23 25	11 55	5 8	19 15	2 52	23 54	0 32	0 2	0 19	2 31	1 21	9 50	2 22	11 12	0 46	16 32	1 42	7 7	13 34	17 44	17 23	12 32	13 7	1 20	
F 23	23 25	15 24	4 51	19 20	2 49	23 53	0 35	0n14	0 18	2 32	1 21	9 52	2 22	11 13	0 46	16 32	1 42	7 7	13 33	17 46	17 24	12 30	13 6	1 20	
S 24	23 24	18 4	4 19	19 27	2 44	23 52	0 37	0 31	0 16	2 34	1 20	9 53	2 22	11 13	0 46	16 32	1 42	7 7	13 33	17 48	17 25	12 29	13 6	1 20	
S 25	23 23	19 47	3 35	19 37	2 39	23 50	0 39	0 47	0 14	2 36	1 20	9 55	2 23	11 13	0 46	16 33	1 42	7 7	13 33	17 49	17 26	12 27	13 5	1 20	
M26	23 21	20 28	2 41	19 47	2 33	23 47	0 41	1 3	0 13	2 38	1 20	9 56	2 23	11 14	0 46	16 33	1 42	7 7	13 33	17 51	17 27	12 25	13 5	1 20	
T 27	23 19	20 9	1 39	19 59	2 26	23 44	0 43	1 19	0 11	2 40	1 20	9 57	2 23	11 14	0 46	16 34	1 42	7 7	13 33	17 52	17 28	12 24	13 4	1 20	
W28	23 16	18 53	0 34	20 12	2 19	23 39	0 45	1 36	0 10	2 42	1 19	9 59	2 23	11 15	0 46	16 34	1 42	7 7	13 33	17 52	17 28	12 22	13 4	1 20	
T 29	23 13	16 46	0n31	20 25	2 11	23 34	0 47	1 52	0 8	2 44	1 19	10 0	2 23	11 15	0 46	16 35	1 42	7 7	13 32	17 52	17 29	12 21	13 4	1 20	
F 30	23 10	13 59	1 35	20 39	2 3	23 29	0 50	2 8	0 7	2 47	1 19	10 1	2 24	11 16	0 46	16 35	1 42	7 7	13 32	17 52	17 30	12 19	13 3	1 20	
S 31	23s 6	10n38	2n34	20s53	1n55	23s22	0s52	2n24	0s 5	2n49	1s18	10s 3	2n24	11n16	0n47	16s35	1n42	7n 7	13s32	17n51	17n31	12n17	13n 3	1s20	

Julian Day Number = 2498995.5, Delta T = 108.91 sec
Ecliptic obliquity = 23°25'14, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°33'20, Lahiri = 25°40'20

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ASTRODIENST EPHEMERIS for the year 2130
geocentric

JANUARY 2130 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 53	10♑18'26	20♍38	18♐ 7	16♑46	6♈54	10♈15	2♏28	2°R34	21♏58	1°R 9	9♌33	10♌43	2♍51	8°R27	S 1
M 2	6 45 50	11°19'34	2♎31	19°13	18° 2	7°32	10°21	2°32	2♍33	22° 0	1♊ 8	9°34	10°40	2°58	8♉26	M 2
T 3	6 49 47	12°20'42	14°35	20°22	19°17	8°10	10°26	2°36	2°31	22° 2	1° 7	9°R34	10°37	3° 5	8°25	T 3
W 4	6 53 43	13°21'51	26°53	21°34	20°32	8°48	10°32	2°40	2°30	22° 3	1° 7	9°33	10°34	3°11	8°24	W 4
T 5	6 57 40	14°23'00	9♏31	22°47	21°48	9°26	10°39	2°44	2°29	22° 5	1° 6	9°31	10°31	3°18	8°23	T 5
F 6	7 1 36	15°24'10	22°32	24° 3	23° 3	10° 4	10°45	2°47	2°27	22° 6	1° 5	9°28	10°27	3°25	8°22	F 6
S 7	7 5 33	16°25'20	5♐59	25°19	24°19	10°42	10°51	2°51	2°26	22° 8	1° 4	9°25	10°24	3°31	8°22	S 7
S 8	7 9 29	17°26'30	19°51	26°38	25°34	11°20	10°58	2°54	2°24	22° 9	1° 3	9°21	10°21	3°38	8°21	S 8
M 9	7 13 26	18°27'40	4♑ 7	27°58	26°49	11°58	11° 5	2°58	2°22	22°11	1° 3	9°18	10°18	3°45	8°21	M 9
T 10	7 17 23	19°28'50	18°42	29°18	28° 5	12°37	11°12	3° 1	2°21	22°12	1° 2	9°16	10°15	3°51	8°20	T 10
W11	7 21 19	20°30'00	3♒29	0♑40	29°20	13°15	11°19	3° 5	2°19	22°13	1° 1	9°D15	10°11	3°58	8°20	W11
T 12	7 25 16	21°31'10	18°21	2° 3	0♒36	13°53	11°26	3° 8	2°17	22°15	1° 1	9°16	10° 8	4° 5	8°19	T 12
F 13	7 29 12	22°32'19	3♓10	3°27	1°51	14°32	11°34	3°11	2°15	22°16	1° 0	9°16	10° 5	4°11	8°19	F 13
S 14	7 33 9	23°33'27	17°50	4°52	3° 6	15°10	11°41	3°14	2°14	22°17	0°59	9°18	10° 2	4°18	8°19	S 14
S 15	7 37 5	24°34'35	2♈15	6°18	4°22	15°49	11°49	3°17	2°12	22°19	0°59	9°19	9°59	4°25	8°18	S 15
M16	7 41 2	25°35'43	16°24	7°44	5°37	16°27	11°57	3°19	2°10	22°20	0°58	9°20	9°56	4°31	8°18	M16
T 17	7 44 58	26°36'50	0♉13	9°11	6°53	17° 6	12° 5	3°22	2° 8	22°21	0°58	9°R20	9°52	4°38	8°18	T 17
W18	7 48 55	27°37'56	13°44	10°39	8° 8	17°45	12°13	3°25	2° 6	22°22	0°57	9°19	9°49	4°45	8°D18	W18
T 19	7 52 52	28°39'01	26°58	12° 7	9°23	18°23	12°22	3°27	2° 4	22°24	0°56	9°18	9°46	4°51	8°18	T 19
F 20	7 56 48	29°40'05	9♊55	13°36	10°39	19° 2	12°30	3°30	2° 2	22°25	0°56	9°17	9°43	4°58	8°18	F 20
S 21	8 0 45	0♒41'09	22°38	15° 6	11°54	19°41	12°39	3°32	2° 0	22°26	0°55	9°16	9°40	5° 5	8°18	S 21
S 22	8 4 41	1°42'12	5♋ 8	16°36	13° 9	20°19	12°48	3°34	1°57	22°27	0°55	9°15	9°36	5°11	8°19	S 22
M23	8 8 38	2°43'15	17°26	18° 7	14°24	20°58	12°57	3°36	1°55	22°28	0°54	9°14	9°33	5°18	8°19	M23
T 24	8 12 34	3°44'17	29°35	19°38	15°40	21°37	13° 6	3°38	1°53	22°29	0°54	9°13	9°30	5°25	8°19	T 24
W25	8 16 31	4°45'17	11♌36	21°10	16°55	22°16	13°15	3°40	1°51	22°30	0°54	9°D13	9°27	5°31	8°20	W25
T 26	8 20 27	5°46'18	23°30	22°43	18°10	22°55	13°24	3°42	1°49	22°31	0°53	9°13	9°24	5°38	8°20	T 26
F 27	8 24 24	6°47'17	5♍20	24°16	19°25	23°34	13°34	3°44	1°46	22°32	0°53	9°14	9°21	5°45	8°21	F 27
S 28	8 28 21	7°48'16	17° 8	25°50	20°40	24°12	13°43	3°45	1°44	22°33	0°52	9°14	9°17	5°51	8°21	S 28
S 29	8 32 17	8°49'14	28°58	27°25	21°56	24°51	13°53	3°47	1°42	22°34	0°52	9°R14	9°14	5°58	8°22	S 29
M30	8 36 14	9°50'12	10♎52	29° 0	23°11	25°30	14° 3	3°48	1°39	22°34	0°52	9°14	9°11	6° 5	8°23	M30
T 31	8 40 10	10♒51'09	22♎55	0♒36	24♒26	26♈ 9	14♈13	3♏49	1♍37	22♏35	0♊51	9♌14	9♌ 8	6♍11	8♉23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23s 1	6n53	3n27	21s 7	1n47	23s15	0s53	2n41	0s 4	2n51	1s18	10s 4	2n24	11n17	0n47	16s36	1n42	7n 7	13s32	17n51	17n32	12n16	13n 3	1s20	
M 2	22 56	2 51	4 12	21 21	1 38	23 7	0 55	2 57	0 2	2 54	1 18	10 5	2 24	11 17	0 47	16 36	1 42	7 7	13 32	17 51	17 33	12 14	13 2	1 20	
T 3	22 51	1s21	4 46	21 35	1 30	22 59	0 57	3 13	0 1	2 56	1 18	10 6	2 24	11 18	0 47	16 36	1 43	7 7	13 31	17 50	17 34	12 12	13 2	1 20	
W 4	22 45	5 35	5 7	21 48	1 21	22 50	0 59	3 29	0n 0	2 59	1 17	10 7	2 25	11 18	0 47	16 37	1 43	7 7	13 31	17 51	17 35	12 11	13 2	1 20	
T 5	22 39	9 40	5 15	22 1	1 12	22 40	1 1	3 46	0 2	3 2	1 17	10 8	2 25	11 19	0 47	16 37	1 43	7 7	13 31	17 51	17 35	12 9	13 1	1 20	
F 6	22 32	13 27	5 7	22 14	1 4	22 29	1 3	4 2	0 3	3 4	1 17	10 9	2 25	11 19	0 47	16 38	1 43	7 7	13 31	17 52	17 36	12 7	13 1	1 20	
S 7	22 25	16 40	4 42	22 25	0 55	22 18	1 4	4 18	0 4	3 7	1 17	10 10	2 25	11 20	0 47	16 38	1 43	7 7	13 30	17 53	17 37	12 6	13 1	1 20	
S 8	22 17	19 3	4 0	22 36	0 47	22 6	1 6	4 34	0 6	3 10	1 16	10 11	2 26	11 20	0 47	16 38	1 43	7 7	13 30	17 54	17 38	12 4	13 1	1 20	
M 9	22 9	20 19	3 2	22 46	0 38	21 53	1 8	4 50	0 7	3 13	1 16	10 12	2 26	11 21	0 47	16 39	1 43	7 7	13 30	17 55	17 39	12 2	13 0	1 20	
T 10	22 0	20 17	1 51	22 55	0 30	21 40	1 9	5 6	0 8	3 16	1 16	10 13	2 26	11 22	0 47	16 39	1 43	7 7	13 30	17 55	17 40	12 1	13 0	1 20	
W11	21 51	18 51	0 32	23 3	0 22	21 26	1 11	5 22	0 9	3 19	1 15	10 14	2 26	11 22	0 47	16 39	1 43	7 8	13 29	17 55	17 41	11 59	13 0	1 20	
T 12	21 42	16 7	0s50	23 11	0 14	21 11	1 12	5 38	0 11	3 22	1 15	10 15	2 27	11 23	0 47	16 39	1 43	7 8	13 29	17 55	17 41	11 57	13 0	1 20	
F 13	21 32	12 20	2 9	23 17	0 6	20 56	1 14	5 54	0 12	3 25	1 15	10 16	2 27	11 24	0 47	16 40	1 43	7 8	13 29	17 55	17 42	11 56	13 0	1 20	
S 14	21 22	7 51	3 18	23 22	0s 2	20 40	1 15	6 10	0 13	3 28	1 15	10 16	2 27	11 24	0 47	16 40	1 43	7 8	13 29	17 55	17 43	11 54	13 0	1 20	
S 15	21 11	2 59	4 13	23 26	0 10	20 23	1 16	6 26	0 14	3 32	1 14	10 17	2 27	11 25	0 47	16 40	1 43	7 8	13 28	17 55	17 44	11 52	13 0	1 20	
M16	21 0	1n56	4 52	23 29	0 17	20 6	1 18	6 42	0 15	3 35	1 14	10 18	2 28	11 26	0 47	16 41	1 43	7 8	13 28	17 54	17 45	11 51	13 0	1 20	
T 17	20 49	6 39	5 13	23 31	0 25	19 49	1 19	6 58	0 16	3 38	1 14	10 19	2 28	11 26	0 47	16 41	1 43	7 8	13 28	17 54	17 46	11 49	13 0	1 20	
W18	20 37	10 55	5 16	23 31	0 32	19 31	1 20	7 14	0 17	3 42	1 14	10 19	2 28	11 27	0 47	16 41	1 43	7 9	13 28	17 55	17 47	11 47	13 0	1 20	
T 19	20 25	14 33	5 2	23 31	0 39	19 12	1 21	7 29	0 19	3 45	1 13	10 20	2 28	11 28	0 47	16 41	1 43	7 9	13 27	17 55	17 47	11 45	13 0	1 20	
F 20	20 12	17 25	4 33	23 29	0 45	18 52	1 22	7 45	0 20	3 49	1 13	10 20	2 29	11 29	0 47	16 42	1 43	7 9	13 27	17 55	17 48	11 44	13 0	1 20	
S 21	19 59	19 22	3 51	23 26	0 52	18 32	1 23	8 1	0 21	3 52	1 13	10 21	2 29	11 30	0 47	16 42	1 43	7 9	13 27	17 55	17 49	11 42	13 0	1 20	
S 22	19 46	20 21	2 58	23 21	0 58	18 12	1 24	8 16	0 22	3 56	1 13	10 21	2 29	11 30	0 47	16 42	1 43	7 9	13 27	17 56	17 50	11 40	13 0	1 20	
M23	19 32	20 20	1 58	23 15	1 4	17 51	1 25	8 32	0 23	4 0	1 13	10 22	2 29	11 31	0 47	16 42	1 43	7 9	13 26	17 56	17 51	11 39	13 0	1 20	
T 24	19 18	19 21	0 53	23 8	1 10	17 30	1 26	8 47	0 24	4 3	1 12	10 22	2 30	11 32	0 47	16 42	1 44	7 10	13 26	17 56	17 52	11 37	13 0	1 20	
W25	19 4	17 30	0n13	23 0	1 16	17 8	1 27	9 3	0 25	4 7	1 12	10 23	2 30	11 33	0 47	16 43	1 44	7 10	13 26	17 56	17 52	11 35	13 0	1 20	
T 26	18 49	14 55	1 19	22 50	1 21	16 45	1 27	9 18	0 26	4 11	1 12	10 23	2 30	11 34	0 47	16 43	1 44	7 10	13 25	17 56	17 53	11 34	13 0	1 20	
F 27	18 34	11 43	2 20	22 39	1 26	16 22	1 28	9 33	0 27	4 15	1 12	10 23	2 30	11 34	0 47	16 43	1 44	7 10	13 25	17 56	17 54	11 32	13 0	1 20	
S 28	18 18	8 5	3 16	22 27	1 31	15 59	1 28	9 49	0 28	4 19	1 11	10 24	2 31	11 35	0 47	16 43	1 44	7 10	13 25	17 56	17 55	11 30	13 1	1 20	
S 29	18 2	4 8	4 3	22 13	1 35	15 35	1 29	10 4	0 29	4 23	1 11	10 24	2 31	11 36	0 47	16 43	1 44	7 11	13 25	17 56	17 56	11 28	13 1	1 20	
M30	17 46	0s 0	4 40	21 58	1 40	15 11	1 29	10 19	0 30	4 27	1 11	10 24	2 31	11 37	0 47	16 44	1 44	7 11	13 24	17 56	17 57	11 27	13 1	1 20	
T 31	17s30	4s10	5n 5	21s42	1s44	14s47	1s30	10n34	0n30	4n31	1s11	10s24	2n31	11n38	0n47	16s44	1n44	7n11	13s24	17n56	17n57	11n25	13n 1	1s20	

Julian Day Number = 2499026.5, Delta T = 108.96 sec
Ecliptic obliquity = 23°25'14, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°33'24, Lahiri = 25°40'25

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ASTRODIENST EPHEMERIS for the year 2130
geocentric

FEBRUARY 2130 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 44 7	11♒52'05	5♏10	2♒12	25♒41	26♈48	14♈23	3♏51	1°R35	22♏36	0°R51	9°R14	9♌ 5	6♍18	8♉24	W 1
T 2	8 48 3	12°53'01	17°43	3°49	26°56	27°27	14°33	3°52	1♍32	22°37	0♊51	9°D14	9° 2	6°25	8°25	T 2
F 3	8 52 0	13°53'56	0♐37	5°27	28°11	28° 6	14°44	3°53	1°30	22°37	0°51	9♌14	8°58	6°31	8°26	F 3
S 4	8 55 56	14°54'50	13°57	7° 5	29°27	28°45	14°54	3°53	1°27	22°38	0°50	9°14	8°55	6°38	8°27	S 4
S 5	8 59 53	15°55'43	27°43	8°45	0♓42	29°24	15° 5	3°54	1°25	22°39	0°50	9°15	8°52	6°45	8°28	S 5
M 6	9 3 50	16°56'36	11♑56	10°25	1°57	0♉ 3	15°15	3°55	1°22	22°39	0°50	9°16	8°49	6°51	8°29	M 6
T 7	9 7 46	17°57'28	26°33	12° 5	3°12	0°42	15°26	3°55	1°20	22°40	0°50	9°16	8°46	6°58	8°30	T 7
W 8	9 11 43	18°58'19	11♒30	13°47	4°27	1°21	15°37	3°56	1°17	22°40	0°50	9°R16	8°42	7° 5	8°32	W 8
T 9	9 15 39	19°59'08	26°39	15°29	5°42	2° 1	15°48	3°56	1°15	22°41	0°50	9°16	8°39	7°11	8°33	T 9
F 10	9 19 36	20°59'57	11♓50	17°12	6°57	2°40	15°59	3°56	1°12	22°41	0°50	9°15	8°36	7°18	8°34	F 10
S 11	9 23 32	22° 0'43	26°53	18°56	8°12	3°19	16°10	3°56	1° 9	22°42	0°50	9°14	8°33	7°25	8°36	S 11
S 12	9 27 29	23° 1'29	11♈41	20°40	9°27	3°58	16°22	3°R56	1° 7	22°42	0°49	9°12	8°30	7°31	8°37	S 12
M13	9 31 25	24° 2'13	26° 7	22°25	10°42	4°37	16°33	3°56	1° 4	22°42	0°49	9°10	8°27	7°38	8°39	M13
T 14	9 35 22	25° 2'55	10♉ 7	24°12	11°57	5°16	16°45	3°56	1° 2	22°43	0°D49	9° 9	8°23	7°44	8°40	T 14
W15	9 39 19	26° 3'36	23°42	25°59	13°11	5°55	16°56	3°56	0°59	22°43	0°49	9°D 8	8°20	7°51	8°42	W15
T 16	9 43 15	27° 4'15	6♊52	27°46	14°26	6°34	17° 8	3°55	0°56	22°43	0°50	9° 9	8°17	7°58	8°44	T 16
F 17	9 47 12	28° 4'52	19°41	29°35	15°41	7°14	17°20	3°55	0°54	22°43	0°50	9°10	8°14	8° 4	8°45	F 17
S 18	9 51 8	29° 5'28	2♋11	1♓24	16°56	7°53	17°32	3°54	0°51	22°44	0°50	9°11	8°11	8°11	8°47	S 18
S 19	9 55 5	0♓ 6'02	14°27	3°14	18°11	8°32	17°44	3°54	0°48	22°44	0°50	9°13	8° 8	8°18	8°49	S 19
M20	9 59 1	1° 6'34	26°32	5° 5	19°25	9°11	17°56	3°53	0°46	22°44	0°50	9°14	8° 4	8°24	8°51	M20
T 21	10 2 58	2° 7'05	8♌30	6°56	20°40	9°50	18° 8	3°52	0°43	22°44	0°50	9°R15	8° 1	8°31	8°53	T 21
W22	10 6 54	3° 7'34	20°22	8°47	21°55	10°29	18°20	3°51	0°41	22°44	0°50	9°14	7°58	8°38	8°55	W22
T 23	10 10 51	4° 8'01	2♍11	10°39	23°10	11° 9	18°32	3°50	0°38	22°R44	0°50	9°12	7°55	8°44	8°57	T 23
F 24	10 14 47	5° 8'27	14° 0	12°32	24°24	11°48	18°45	3°48	0°35	22°44	0°51	9° 9	7°52	8°51	8°59	F 24
S 25	10 18 44	6° 8'51	25°51	14°24	25°39	12°27	18°57	3°47	0°33	22°44	0°51	9° 5	7°48	8°58	9° 1	S 25
S 26	10 22 41	7° 9'13	7♎44	16°17	26°53	13° 6	19°10	3°46	0°30	22°44	0°51	9° 0	7°45	9° 4	9° 3	S 26
M27	10 26 37	8° 9'34	19°44	18° 9	28° 8	13°45	19°22	3°44	0°27	22°44	0°51	8°55	7°42	9°11	9° 6	M27
T 28	10 30 34	9♓ 9'54	1♏51	20♓ 1	29♓22	14♉24	19♈35	3♏42	0♍25	22♏44	0♊52	8♌50	7♌39	9♍18	9♉ 8	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s13	8s15	5n17	21s24	1s47	14s22	1s30	10n49	0n31	4n35	1s11	10s25	2n32	11n39	0n47	16s44	1n44	7n11	13s24	17n56	17n58	11n23	13n 2	1s20
T 2	16 56	12 4	5 15	21 5	1 51	13 56	1 30	11 4	0 32	4 39	1 10	10 25	2 32	11 40	0 47	16 44	1 44	7 12	13 23	17 56	17 59	11 21	13 2	1 20
F 3	16 39	15 26	4 56	20 44	1 54	13 30	1 30	11 18	0 33	4 43	1 10	10 25	2 32	11 40	0 47	16 44	1 44	7 12	13 23	17 56	18 0	11 20	13 2	1 20
S 4	16 21	18 8	4 22	20 22	1 57	13 4	1 30	11 33	0 34	4 48	1 10	10 25	2 32	11 41	0 48	16 44	1 44	7 12	13 23	17 56	18 1	11 18	13 2	1 20
S 5	16 3	19 53	3 31	19 58	1 59	12 38	1 30	11 48	0 35	4 52	1 10	10 25	2 33	11 42	0 48	16 44	1 44	7 12	13 22	17 56	18 2	11 16	13 3	1 20
M 6	15 45	20 27	2 26	19 33	2 1	12 11	1 30	12 2	0 36	4 56	1 9	10 25	2 33	11 43	0 48	16 44	1 44	7 13	13 22	17 55	18 3	11 14	13 3	1 20
T 7	15 26	19 41	1 10	19 7	2 3	11 44	1 30	12 17	0 36	5 0	1 9	10 25	2 33	11 44	0 48	16 44	1 44	7 13	13 22	17 55	18 3	11 13	13 4	1 20
W 8	15 7	17 31	0s12	18 39	2 4	11 16	1 30	12 31	0 37	5 5	1 9	10 25	2 34	11 45	0 48	16 45	1 44	7 13	13 22	17 55	18 4	11 11	13 4	1 20
T 9	14 48	14 7	1 35	18 10	2 5	10 48	1 30	12 45	0 38	5 9	1 9	10 24	2 34	11 46	0 48	16 45	1 44	7 13	13 21	17 55	18 5	11 9	13 4	1 20
F 10	14 29	9 45	2 51	17 40	2 5	10 20	1 30	13 0	0 39	5 14	1 9	10 24	2 34	11 47	0 48	16 45	1 45	7 14	13 21	17 56	18 6	11 7	13 5	1 20
S 11	14 10	4 50	3 55	17 8	2 5	9 52	1 29	13 14	0 39	5 18	1 8	10 24	2 34	11 48	0 48	16 45	1 45	7 14	13 21	17 56	18 7	11 6	13 5	1 20
S 12	13 50	0n18	4 41	16 34	2 5	9 24	1 29	13 28	0 40	5 23	1 8	10 24	2 35	11 49	0 48	16 45	1 45	7 14	13 20	17 56	18 7	11 4	13 6	1 20
M13	13 30	5 17	5 9	15 59	2 4	8 55	1 28	13 42	0 41	5 27	1 8	10 24	2 35	11 50	0 48	16 45	1 45	7 15	13 20	17 57	18 8	11 2	13 6	1 20
T 14	13 10	9 49	5 17	15 23	2 3	8 26	1 28	13 55	0 42	5 32	1 8	10 23	2 35	11 51	0 48	16 45	1 45	7 15	13 20	17 57	18 9	11 0	13 7	1 20
W15	12 49	13 44	5 7	14 45	2 1	7 56	1 27	14 9	0 42	5 36	1 8	10 23	2 35	11 52	0 48	16 45	1 45	7 15	13 19	17 57	18 10	10 58	13 7	1 20
T 16	12 29	16 50	4 41	14 6	1 59	7 27	1 26	14 23	0 43	5 41	1 8	10 22	2 36	11 52	0 48	16 45	1 45	7 16	13 19	17 57	18 11	10 57	13 8	1 20
F 17	12 8	19 1	4 1	13 26	1 56	6 57	1 25	14 36	0 44	5 46	1 7	10 22	2 36	11 53	0 48	16 45	1 45	7 16	13 19	17 57	18 12	10 55	13 8	1 20
S 18	11 47	20 13	3 11	12 44	1 53	6 27	1 25	14 50	0 44	5 50	1 7	10 22	2 36	11 54	0 48	16 45	1 45	7 16	13 18	17 57	18 12	10 53	13 9	1 20
S 19	11 26	20 26	2 13	12 1	1 49	5 57	1 24	15 3	0 45	5 55	1 7	10 21	2 36	11 55	0 48	16 45	1 45	7 17	13 18	17 56	18 13	10 51	13 9	1 20
M20	11 4	19 41	1 10	11 16	1 45	5 27	1 23	15 16	0 46	6 0	1 7	10 21	2 37	11 56	0 48	16 45	1 45	7 17	13 18	17 56	18 14	10 49	13 10	1 20
T 21	10 43	18 4	0 4	10 31	1 40	4 57	1 22	15 29	0 46	6 5	1 7	10 20	2 37	11 57	0 48	16 45	1 45	7 17	13 17	17 56	18 15	10 48	13 11	1 20
W22	10 21	15 39	1n 1	9 44	1 35	4 26	1 21	15 42	0 47	6 9	1 7	10 20	2 37	11 58	0 48	16 45	1 45	7 18	13 17	17 56	18 16	10 46	13 11	1 20
T 23	9 59	12 36	2 3	8 56	1 29	3 56	1 19	15 55	0 48	6 14	1 6	10 19	2 37	11 59	0 48	16 45	1 45	7 18	13 17	17 56	18 17	10 44	13 12	1 20
F 24	9 37	9 3	3 0	8 7	1 22	3 25	1 18	16 8	0 48	6 19	1 6	10 18	2 38	12 0	0 48	16 45	1 45	7 18	13 17	17 57	18 17	10 42	13 13	1 20
S 25	9 15	5 9	3 49	7 17	1 14	2 54	1 17	16 20	0 49	6 24	1 6	10 18	2 38	12 1	0 48	16 44	1 45	7 19	13 16	17 58	18 18	10 40	13 13	1 20
S 26	8 53	1 2	4 28	6 26	1 7	2 23	1 15	16 33	0 50	6 29	1 6	10 17	2 38	12 2	0 48	16 44	1 45	7 19	13 16	18 0	18 19	10 39	13 14	1 20
M27	8 30	3s 9	4 56	5 34	0 58	1 52	1 14	16 45	0 50	6 34	1 6	10 16	2 38	12 3	0 48	16 44	1 45	7 19	13 16	18 1	18 20	10 37	13 15	1 20
T 28	8s 8	7s15	5n10	4s42	0s49	1s21	1s12	16n57	0n51	6n39	1s 6	10s15	2n39	12n 4	0n48	16s44	1n46	7n20	13s15	18n 2	18n21	10n35	13n15	1s20

Julian Day Number = 2499057.5, Delta T = 109.01 sec
Ecliptic obliquity = 23°25'15, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°33'29, Lahiri = 25°40'29

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ASTRODIENST EPHEMERIS for the year 2130
geocentric

MARCH 2130 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 34 30	10♓10'12	14♏ 9	21♓52	0♈37	15♉ 3	19♈48	3°R41	0°R22	22°R43	0♊52	8°R46	7♌36	9♍24	9♉10	W 1
T 2	10 38 27	11°10'29	26°40	23°41	1°51	15°43	20° 0	3♏39	0♍20	22♏43	0°52	8♌43	7°33	9°31	9°13	T 2
F 3	10 42 23	12°10'44	9♐30	25°30	3° 6	16°22	20°13	3°37	0°17	22°43	0°53	8°D42	7°29	9°38	9°15	F 3
S 4	10 46 20	13°10'58	22°40	27°16	4°20	17° 1	20°26	3°35	0°15	22°43	0°53	8°43	7°26	9°44	9°18	S 4
S 5	10 50 16	14°11'11	6♑14	29° 0	5°34	17°40	20°39	3°33	0°12	22°42	0°54	8°44	7°23	9°51	9°20	S 5
M 6	10 54 13	15°11'22	20°15	0♈41	6°49	18°19	20°52	3°31	0°10	22°42	0°54	8°45	7°20	9°58	9°23	M 6
T 7	10 58 10	16°11'31	4♒41	2°19	8° 3	18°58	21° 5	3°28	0° 7	22°42	0°54	8°R46	7°17	10° 4	9°25	T 7
W 8	11 2 6	17°11'39	19°30	3°53	9°17	19°37	21°19	3°26	0° 5	22°41	0°55	8°46	7°14	10°11	9°28	W 8
T 9	11 6 3	18°11'45	4♓36	5°22	10°32	20°17	21°32	3°23	0° 2	22°41	0°55	8°44	7°10	10°18	9°31	T 9
F 10	11 9 59	19°11'49	19°51	6°46	11°46	20°56	21°45	3°21	29♌59	22°40	0°56	8°40	7° 7	10°24	9°33	F 10
S 11	11 13 56	20°11'51	5♈ 5	8° 5	13° 0	21°35	21°59	3°18	29°57	22°40	0°56	8°34	7° 4	10°31	9°36	S 11
S 12	11 17 52	21°11'52	20° 7	9°18	14°14	22°14	22°12	3°15	29°55	22°39	0°57	8°27	7° 1	10°38	9°39	S 12
M13	11 21 49	22°11'50	4♉48	10°24	15°28	22°53	22°26	3°13	29°52	22°38	0°58	8°21	6°58	10°44	9°42	M13
T 14	11 25 45	23°11'46	19° 2	11°23	16°42	23°32	22°39	3°10	29°50	22°38	0°58	8°15	6°54	10°51	9°45	T 14
W15	11 29 42	24°11'40	2♊47	12°14	17°56	24°11	22°53	3° 7	29°48	22°37	0°59	8°11	6°51	10°58	9°48	W15
T 16	11 33 39	25°11'32	16° 3	12°58	19°10	24°50	23° 6	3° 4	29°45	22°37	0°59	8° 9	6°48	11° 4	9°51	T 16
F 17	11 37 35	26°11'22	28°53	13°33	20°24	25°29	23°20	3° 1	29°43	22°36	1° 0	8°D 8	6°45	11°11	9°54	F 17
S 18	11 41 32	27°11'10	11♋21	14° 0	21°38	26° 8	23°34	2°57	29°41	22°35	1° 1	8° 9	6°42	11°18	9°57	S 18
S 19	11 45 28	28°10'55	23°32	14°19	22°52	26°47	23°47	2°54	29°39	22°34	1° 1	8°10	6°39	11°24	10° 0	S 19
M20	11 49 25	29°10'38	5♌31	14°29	24° 5	27°26	24° 1	2°51	29°36	22°34	1° 2	8°R11	6°35	11°31	10° 3	M20
T 21	11 53 21	0♈10'19	17°22	14°R31	25°19	28° 5	24°15	2°47	29°34	22°33	1° 3	8°11	6°32	11°38	10° 6	T 21
W22	11 57 18	1° 9'57	29°10	14°25	26°33	28°44	24°29	2°44	29°32	22°32	1° 4	8° 8	6°29	11°44	10° 9	W22
T 23	12 1 14	2° 9'34	10♍58	14°10	27°46	29°23	24°43	2°40	29°30	22°31	1° 4	8° 3	6°26	11°51	10°13	T 23
F 24	12 5 11	3° 9'08	22°48	13°49	29° 0	0♊ 2	24°57	2°36	29°28	22°30	1° 5	7°56	6°23	11°58	10°16	F 24
S 25	12 9 8	4° 8'40	4♎44	13°21	0♉14	0°41	25°11	2°33	29°26	22°29	1° 6	7°47	6°19	12° 4	10°19	S 25
S 26	12 13 4	5° 8'11	16°45	12°46	1°27	1°20	25°25	2°29	29°24	22°28	1° 7	7°36	6°16	12°11	10°23	S 26
M27	12 17 1	6° 7'39	28°54	12° 6	2°41	1°59	25°39	2°25	29°22	22°27	1° 8	7°25	6°13	12°18	10°26	M27
T 28	12 20 57	7° 7'05	11♏12	11°22	3°54	2°38	25°53	2°21	29°20	22°26	1° 8	7°14	6°10	12°25	10°29	T 28
W29	12 24 54	8° 6'30	23°39	10°34	5° 7	3°17	26° 7	2°17	29°18	22°25	1° 9	7° 5	6° 7	12°31	10°33	W29
T 30	12 28 50	9° 5'53	6♐18	9°44	6°21	3°56	26°21	2°13	29°16	22°24	1°10	6°58	6° 4	12°38	10°36	T 30
F 31	12 32 47	10♈ 5'14	19♐11	8♈53	7♉34	4♊35	26♈35	2♏ 9	29♌14	22♏23	1♊11	6♌53	6♌ 0	12♍45	10♉40	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s45	11s 7	5n11	3s49	0s39	0s50	1s11	17n 9	0n51	6n43	1s 5	10s15	2n39	12n 5	0n48	16s44	1n46	7n20	13s15	18n 3	18n21	10n33	13n16	1s20
T 2	7 22	14 34	4 58	2 56	0 28	0 19	1 9	17 21	0 52	6 48	1 5	10 14	2 39	12 5	0 48	16 44	1 46	7 20	13 15	18 4	18 22	10 31	13 17	1 21
F 3	6 59	17 25	4 29	2 3	0 17	0n12	1 8	17 33	0 52	6 53	1 5	10 13	2 39	12 6	0 48	16 44	1 46	7 21	13 14	18 4	18 23	10 30	13 18	1 21
S 4	6 36	19 28	3 45	1 10	0 6	0 43	1 6	17 45	0 53	6 58	1 5	10 12	2 39	12 7	0 48	16 44	1 46	7 21	13 14	18 4	18 24	10 28	13 18	1 21
S 5	6 13	20 28	2 48	0 18	0n 6	1 14	1 4	17 57	0 53	7 3	1 5	10 11	2 40	12 8	0 48	16 44	1 46	7 21	13 14	18 4	18 25	10 26	13 19	1 21
M 6	5 50	20 15	1 39	0n34	0 19	1 45	1 2	18 8	0 54	7 8	1 5	10 10	2 40	12 9	0 48	16 43	1 46	7 22	13 14	18 3	18 25	10 24	13 20	1 21
T 7	5 27	18 43	0 22	1 25	0 32	2 16	1 0	18 19	0 54	7 13	1 5	10 9	2 40	12 10	0 48	16 43	1 46	7 22	13 13	18 3	18 26	10 22	13 21	1 21
W 8	5 3	15 53	0s58	2 14	0 45	2 47	0 58	18 30	0 55	7 19	1 5	10 8	2 40	12 11	0 48	16 43	1 46	7 23	13 13	18 3	18 27	10 20	13 22	1 21
T 9	4 40	11 55	2 16	3 2	0 59	3 18	0 56	18 41	0 55	7 24	1 4	10 7	2 41	12 12	0 48	16 43	1 46	7 23	13 13	18 4	18 28	10 19	13 22	1 21
F 10	4 16	7 9	3 25	3 48	1 12	3 49	0 54	18 52	0 56	7 29	1 4	10 6	2 41	12 12	0 48	16 43	1 46	7 23	13 12	18 5	18 29	10 17	13 23	1 21
S 11	3 53	1 56	4 19	4 31	1 26	4 20	0 52	19 3	0 56	7 34	1 4	10 5	2 41	12 13	0 48	16 43	1 46	7 24	13 12	18 6	18 30	10 15	13 24	1 21
S 12	3 29	3n19	4 54	5 13	1 40	4 50	0 50	19 14	0 57	7 39	1 4	10 4	2 41	12 14	0 48	16 42	1 46	7 24	13 12	18 8	18 30	10 13	13 25	1 21
M13	3 6	8 15	5 9	5 51	1 53	5 21	0 48	19 24	0 57	7 44	1 4	10 3	2 41	12 15	0 48	16 42	1 46	7 25	13 11	18 10	18 31	10 11	13 26	1 21
T 14	2 42	12 35	5 4	6 26	2 6	5 52	0 45	19 34	0 58	7 49	1 4	10 2	2 42	12 16	0 48	16 42	1 46	7 25	13 11	18 11	18 32	10 9	13 27	1 21
W15	2 18	16 6	4 42	6 58	2 19	6 22	0 43	19 45	0 58	7 54	1 4	10 0	2 42	12 17	0 48	16 42	1 46	7 25	13 11	18 12	18 33	10 7	13 28	1 21
T 16	1 55	18 38	4 5	7 26	2 31	6 52	0 41	19 55	0 59	7 59	1 4	9 59	2 42	12 17	0 47	16 42	1 46	7 26	13 11	18 13	18 34	10 6	13 29	1 21
F 17	1 31	20 9	3 16	7 50	2 42	7 22	0 38	20 4	0 59	8 5	1 3	9 58	2 42	12 18	0 47	16 41	1 46	7 26	13 10	18 13	18 34	10 4	13 30	1 21
S 18	1 7	20 37	2 20	8 10	2 52	7 52	0 36	20 14	0 59	8 10	1 3	9 57	2 42	12 19	0 47	16 41	1 47	7 27	13 10	18 13	18 35	10 2	13 30	1 21
S 19	0 43	20 5	1 18	8 26	3 2	8 22	0 33	20 24	1 0	8 15	1 3	9 55	2 42	12 20	0 47	16 41	1 47	7 27	13 10	18 13	18 36	10 0	13 31	1 21
M20	0 20	18 39	0 14	8 37	3 10	8 51	0 31	20 33	1 0	8 20	1 3	9 54	2 43	12 20	0 47	16 41	1 47	7 27	13 9	18 12	18 37	9 58	13 32	1 21
T 21	0n 4	16 24	0n49	8 45	3 17	9 21	0 28	20 42	1 1	8 25	1 3	9 53	2 43	12 21	0 47	16 40	1 47	7 28	13 9	18 12	18 37	9 56	13 33	1 21
W22	0 28	13 29	1 51	8 47	3 22	9 50	0 26	20 51	1 1	8 30	1 3	9 51	2 43	12 22	0 47	16 40	1 47	7 28	13 9	18 13	18 38	9 54	13 34	1 21
T 23	0 51	10 1	2 47	8 45	3 26	10 19	0 23	21 0	1 1	8 36	1 3	9 50	2 43	12 23	0 47	16 40	1 47	7 29	13 9	18 14	18 39	9 52	13 35	1 21
F 24	1 15	6 9	3 36	8 39	3 28	10 48	0 20	21 9	1 2	8 41	1 3	9 49	2 43	12 23	0 47	16 40	1 47	7 29	13 8	18 16	18 40	9 50	13 36	1 21
S 25	1 39	2 2	4 16	8 28	3 29	11 16	0 18	21 17	1 2	8 46	1 3	9 47	2 43	12 24	0 47	16 39	1 47	7 29	13 8	18 19	18 41	9 49	13 37	1 21
S 26	2 2	2s12	4 45	8 13	3 28	11 44	0 15	21 26	1 2	8 51	1 3	9 46	2 43	12 25	0 47	16 39	1 47	7 30	13 8	18 21	18 41	9 47	13 38	1 21
M27	2 26	6 23	5 1	7 55	3 24	12 12	0 12	21 34	1 3	8 56	1 2	9 44	2 44	12 25	0 47	16 39	1 47	7 30	13 8	18 24	18 42	9 45	13 39	1 21
T 28	2 49	10 22	5 3	7 33	3 19	12 40	0 9	21 42	1 3	9 1	1 2	9 43	2 44	12 26	0 47	16 38	1 47	7 31	13 7	18 27	18 43	9 43	13 40	1 21
W29	3 13	13 58	4 52	7 8	3 13	13 7	0 7	21 50	1 3	9 7	1 2	9 42	2 44	12 27	0 47	16 38	1 47	7 31	13 7	18 29	18 44	9 41	13 41	1 21
T 30	3 36	16 59	4 26	6 41	3 4	13 34	0 4	21 58	1 4	9 12	1 2	9 40	2 44	12 27	0 47	16 38	1 47	7 31	13 7	18 31	18 45	9 39	13 42	1 21
F 31	4n 0	19s14	3n46	6n11	2n54	14n 0	0s 1	22n 5	1n 4	9n17	1s 2	9s39	2n44	12n28	0n47	16s38	1n47	7n32	13s 7	18n32	18n45	9n37	13n43	1s21

Julian Day Number = 2499085.5, Delta T = 109.05 sec
Ecliptic obliquity = 23°25'15, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°33'32, Lahiri = 25°40'33

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2130
geocentric

APRIL 2130 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 43	11♈ 4'33	2♑20	8°R 2	8♉47	5♊14	26♈49	2°R 5	29°R13	22°R22	1♊12	6°R51	5♌57	12♍51	10♉43	S 1
S 2	12 40 40	12° 3'51	15°47	7♈11	10° 0	5°53	27° 4	2♏ 1	29♌11	22♏21	1°13	6°D51	5°54	12°58	10°47	S 2
M 3	12 44 36	13° 3'07	29°36	6°22	11°13	6°31	27°18	1°57	29° 9	22°20	1°14	6°R51	5°51	13° 5	10°50	M 3
T 4	12 48 33	14° 2'21	13♒46	5°36	12°26	7°10	27°32	1°53	29° 8	22°19	1°15	6♌51	5°48	13°11	10°54	T 4
W 5	12 52 30	15° 1'33	28°18	4°53	13°39	7°49	27°46	1°48	29° 6	22°17	1°16	6°50	5°45	13°18	10°57	W 5
T 6	12 56 26	16° 0'44	13♓ 7	4°14	14°52	8°28	28° 1	1°44	29° 5	22°16	1°17	6°45	5°41	13°25	11° 1	T 6
F 7	13 0 23	16°59'52	28° 9	3°40	16° 5	9° 7	28°15	1°40	29° 3	22°15	1°18	6°39	5°38	13°31	11° 5	F 7
S 8	13 4 19	17°58'59	13♈14	3°10	17°18	9°46	28°29	1°35	29° 2	22°14	1°19	6°29	5°35	13°38	11° 8	S 8
S 9	13 8 16	18°58'03	28°13	2°46	18°31	10°24	28°44	1°31	29° 0	22°12	1°20	6°19	5°32	13°45	11°12	S 9
M10	13 12 12	19°57'06	12♉55	2°27	19°44	11° 3	28°58	1°26	28°59	22°11	1°21	6° 8	5°29	13°51	11°16	M10
T 11	13 16 9	20°56'07	27°14	2°13	20°56	11°42	29°13	1°22	28°57	22°10	1°22	5°58	5°25	13°58	11°19	T 11
W12	13 20 5	21°55'05	11♊ 6	2° 5	22° 9	12°21	29°27	1°17	28°56	22° 8	1°23	5°50	5°22	14° 5	11°23	W12
T 13	13 24 2	22°54'01	24°28	2°D 2	23°21	12°59	29°41	1°13	28°55	22° 7	1°24	5°45	5°19	14°11	11°27	T 13
F 14	13 27 59	23°52'55	7♋22	2° 5	24°34	13°38	29°56	1° 8	28°54	22° 6	1°25	5°42	5°16	14°18	11°31	F 14
S 15	13 31 55	24°51'47	19°53	2°13	25°46	14°17	0♉10	1° 4	28°53	22° 4	1°26	5°41	5°13	14°25	11°34	S 15
S 16	13 35 52	25°50'36	2♌ 5	2°26	26°59	14°55	0°25	0°59	28°51	22° 3	1°27	5°41	5°10	14°31	11°38	S 16
M17	13 39 48	26°49'23	14° 4	2°44	28°11	15°34	0°39	0°55	28°50	22° 1	1°29	5°41	5° 6	14°38	11°42	M17
T 18	13 43 45	27°48'08	25°55	3° 6	29°23	16°13	0°54	0°50	28°49	22° 0	1°30	5°39	5° 3	14°45	11°46	T 18
W19	13 47 41	28°46'51	7♍43	3°33	0♊36	16°51	1° 8	0°46	28°49	21°59	1°31	5°36	5° 0	14°51	11°50	W19
T 20	13 51 38	29°45'31	19°32	4° 4	1°48	17°30	1°22	0°41	28°48	21°57	1°32	5°30	4°57	14°58	11°53	T 20
F 21	13 55 34	0♉44'09	1♎26	4°40	3° 0	18° 9	1°37	0°36	28°47	21°56	1°33	5°20	4°54	15° 5	11°57	F 21
S 22	13 59 31	1°42'46	13°28	5°19	4°12	18°47	1°51	0°32	28°46	21°54	1°34	5° 9	4°50	15°11	12° 1	S 22
S 23	14 3 28	2°41'20	25°39	6° 2	5°24	19°26	2° 6	0°27	28°45	21°53	1°36	4°56	4°47	15°18	12° 5	S 23
M24	14 7 24	3°39'52	8♏ 1	6°48	6°35	20° 4	2°20	0°23	28°45	21°51	1°37	4°42	4°44	15°25	12° 9	M24
T 25	14 11 21	4°38'23	20°34	7°38	7°47	20°43	2°35	0°18	28°44	21°50	1°38	4°29	4°41	15°31	12°13	T 25
W26	14 15 17	5°36'51	3♐18	8°32	8°59	21°22	2°49	0°13	28°43	21°48	1°39	4°17	4°38	15°38	12°17	W26
T 27	14 19 14	6°35'18	16°13	9°28	10°11	22° 0	3° 3	0° 9	28°43	21°46	1°40	4° 8	4°35	15°45	12°21	T 27
F 28	14 23 10	7°33'44	29°19	10°27	11°22	22°39	3°18	0° 4	28°42	21°45	1°42	4° 2	4°31	15°51	12°24	F 28
S 29	14 27 7	8°32'07	12♑37	11°29	12°34	23°17	3°32	29♎59	28°42	21°43	1°43	3°59	4°28	15°58	12°28	S 29
S 30	14 31 3	9♉30'30	26♑ 9	12♈34	13♊45	23♊56	3♉47	29♎55	28♌42	21♏42	1♊44	3♌58	4♌25	16♍ 5	12♉32	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n23	20s31	2n53	5n40	2n43	14n27	0n 2	22n13	1n 4	9n22	1s 2	9s37	2n44	12n29	0n47	16s37	1n47	7n32	13s 6	18n33	18n46	9n35	13n44	1s21
S 2	4 46	20 40	1 50	5 9	2 30	14 53	0 5	22 20	1 5	9 27	1 2	9 36	2 44	12 29	0 47	16 37	1 47	7 33	13 6	18 33	18 47	9 33	13 46	1 21
M 3	5 9	19 35	0 39	4 37	2 16	15 18	0 8	22 27	1 5	9 33	1 2	9 34	2 44	12 30	0 47	16 37	1 47	7 33	13 6	18 33	18 48	9 31	13 47	1 21
T 4	5 32	17 16	0s37	4 5	2 2	15 44	0 11	22 34	1 5	9 38	1 2	9 33	2 45	12 30	0 47	16 36	1 47	7 33	13 6	18 33	18 49	9 29	13 48	1 21
W 5	5 55	13 48	1 51	3 34	1 46	16 8	0 14	22 41	1 6	9 43	1 2	9 31	2 45	12 31	0 47	16 36	1 47	7 34	13 5	18 33	18 49	9 28	13 49	1 21
T 6	6 18	9 24	3 0	3 4	1 31	16 33	0 17	22 47	1 6	9 48	1 2	9 29	2 45	12 31	0 47	16 36	1 47	7 34	13 5	18 34	18 50	9 26	13 50	1 21
F 7	6 40	4 22	3 57	2 36	1 14	16 57	0 19	22 53	1 6	9 53	1 2	9 28	2 45	12 32	0 47	16 35	1 47	7 35	13 5	18 36	18 51	9 24	13 51	1 21
S 8	7 3	0n57	4 38	2 9	0 58	17 21	0 22	22 59	1 6	9 58	1 1	9 26	2 45	12 32	0 47	16 35	1 47	7 35	13 5	18 38	18 52	9 22	13 52	1 22
S 9	7 25	6 10	4 59	1 44	0 42	17 44	0 25	23 5	1 7	10 3	1 1	9 25	2 45	12 33	0 47	16 35	1 47	7 35	13 5	18 41	18 52	9 20	13 53	1 22
M10	7 48	10 56	5 0	1 22	0 26	18 7	0 28	23 11	1 7	10 9	1 1	9 23	2 45	12 33	0 47	16 34	1 47	7 36	13 4	18 44	18 53	9 18	13 54	1 22
T 11	8 10	14 57	4 42	1 3	0 10	18 29	0 31	23 17	1 7	10 14	1 1	9 22	2 45	12 34	0 47	16 34	1 48	7 36	13 4	18 46	18 54	9 16	13 55	1 22
W12	8 32	18 0	4 7	0 45	0s 5	18 51	0 34	23 22	1 7	10 19	1 1	9 20	2 45	12 34	0 47	16 33	1 48	7 37	13 4	18 48	18 55	9 14	13 56	1 22
T 13	8 54	19 58	3 20	0 31	0 20	19 12	0 37	23 28	1 8	10 24	1 1	9 18	2 45	12 34	0 47	16 33	1 48	7 37	13 4	18 49	18 55	9 12	13 57	1 22
F 14	9 16	20 49	2 24	0 19	0 34	19 33	0 40	23 33	1 8	10 29	1 1	9 17	2 45	12 35	0 47	16 33	1 48	7 37	13 4	18 50	18 56	9 10	13 59	1 22
S 15	9 37	20 35	1 23	0 9	0 47	19 53	0 43	23 37	1 8	10 34	1 1	9 15	2 45	12 35	0 47	16 32	1 48	7 38	13 3	18 50	18 57	9 8	14 0	1 22
S 16	9 59	19 22	0 19	0 2	1 0	20 13	0 46	23 42	1 8	10 39	1 1	9 14	2 45	12 36	0 47	16 32	1 48	7 38	13 3	18 50	18 58	9 6	14 1	1 22
M17	10 20	17 18	0n44	0s 2	1 13	20 32	0 49	23 47	1 9	10 44	1 1	9 12	2 45	12 36	0 47	16 31	1 48	7 39	13 3	18 50	18 59	9 4	14 2	1 22
T 18	10 41	14 31	1 45	0 4	1 24	20 51	0 52	23 51	1 9	10 49	1 1	9 10	2 45	12 36	0 47	16 31	1 48	7 39	13 3	18 51	18 59	9 2	14 3	1 22
W19	11 2	11 9	2 41	0 3	1 35	21 9	0 55	23 55	1 9	10 54	1 1	9 9	2 45	12 36	0 47	16 31	1 48	7 39	13 3	18 51	19 0	9 0	14 4	1 22
T 20	11 23	7 21	3 30	0n 0	1 46	21 27	0 58	23 59	1 9	10 59	1 1	9 7	2 45	12 37	0 47	16 30	1 48	7 40	13 2	18 53	19 1	8 58	14 5	1 22
F 21	11 43	3 15	4 10	0 5	1 55	21 44	1 1	24 3	1 9	11 5	1 1	9 6	2 45	12 37	0 47	16 30	1 48	7 40	13 2	18 55	19 2	8 56	14 6	1 22
S 22	12 4	1s 1	4 39	0 13	2 4	22 1	1 4	24 6	1 10	11 10	1 1	9 4	2 45	12 37	0 46	16 30	1 48	7 41	13 2	18 58	19 2	8 54	14 7	1 22
S 23	12 24	5 19	4 56	0 22	2 12	22 17	1 6	24 10	1 10	11 15	1 1	9 2	2 45	12 37	0 46	16 29	1 48	7 41	13 2	19 1	19 3	8 52	14 9	1 22
M24	12 44	9 27	4 59	0 34	2 19	22 32	1 9	24 13	1 10	11 20	1 1	9 1	2 45	12 38	0 46	16 29	1 48	7 41	13 2	19 4	19 4	8 50	14 10	1 22
T 25	13 3	13 14	4 48	0 47	2 26	22 47	1 12	24 16	1 10	11 24	1 1	8 59	2 45	12 38	0 46	16 28	1 48	7 42	13 2	19 8	19 5	8 49	14 11	1 22
W26	13 23	16 30	4 23	1 3	2 32	23 1	1 15	24 19	1 10	11 29	1 1	8 58	2 45	12 38	0 46	16 28	1 48	7 42	13 1	19 10	19 5	8 47	14 12	1 23
T 27	13 42	19 0	3 44	1 20	2 38	23 14	1 18	24 21	1 10	11 34	1 1	8 56	2 45	12 38	0 46	16 27	1 48	7 43	13 1	19 12	19 6	8 45	14 13	1 23
F 28	14 1	20 33	2 52	1 39	2 42	23 27	1 20	24 24	1 11	11 39	1 1	8 55	2 45	12 38	0 46	16 27	1 48	7 43	13 1	19 14	19 7	8 43	14 14	1 23
S 29	14 20	21 0	1 50	1 59	2 46	23 39	1 23	24 26	1 11	11 44	1 1	8 53	2 45	12 38	0 46	16 27	1 48	7 43	13 1	19 15	19 8	8 41	14 15	1 23
S 30	14n39	20s14	0n41	2n22	2s49	23n51	1n25	24n28	1n11	11n49	1s 1	8s52	2n45	12n38	0n46	16s26	1n48	7n44	13s 1	19n15	19n 8	8n39	14n16	1s23

Julian Day Number = 2499116.5, Delta T = 109.10 sec
Ecliptic obliquity = 23°25'15, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°33'37, Lahiri = 25°40'37

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ASTRODIENST EPHEMERIS for the year 2130
geocentric

MAY 2130 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 35 0	10♉28'50	9♒55	13♈42	14♊56	24♊34	4♉ 1	29°R51	28°R41	21°R40	1♊46	3°R58	4♌22	16♍11	12♉36	M 1
T 2	14 38 57	11°27'09	23°56	14°52	16° 8	25°13	4°15	29♎46	28♌41	21♏39	1°47	3♌58	4°19	16°18	12°40	T 2
W 3	14 42 53	12°25'27	8♓12	16° 4	17°19	25°51	4°30	29°42	28°41	21°37	1°48	3°56	4°16	16°25	12°44	W 3
T 4	14 46 50	13°23'43	22°42	17°19	18°30	26°29	4°44	29°38	28°41	21°35	1°49	3°52	4°12	16°32	12°48	T 4
F 5	14 50 46	14°21'58	7♈21	18°37	19°41	27° 8	4°58	29°33	28°41	21°34	1°51	3°45	4° 9	16°38	12°52	F 5
S 6	14 54 43	15°20'11	22° 4	19°56	20°52	27°46	5°13	29°29	28°D41	21°32	1°52	3°35	4° 6	16°45	12°56	S 6
S 7	14 58 39	16°18'22	6♉43	21°18	22° 3	28°25	5°27	29°24	28°41	21°30	1°53	3°25	4° 3	16°52	13° 0	S 7
M 8	15 2 36	17°16'32	21°10	22°42	23°14	29° 3	5°41	29°20	28°41	21°29	1°55	3°13	4° 0	16°58	13° 4	M 8
T 9	15 6 32	18°14'40	5♊20	24° 8	24°24	29°42	5°56	29°16	28°41	21°27	1°56	3° 3	3°56	17° 5	13° 8	T 9
W10	15 10 29	19°12'47	19° 6	25°36	25°35	0♋20	6°10	29°12	28°41	21°26	1°57	2°54	3°53	17°12	13°11	W10
T 11	15 14 26	20°10'51	2♋27	27° 6	26°46	0°58	6°24	29° 8	28°41	21°24	1°59	2°49	3°50	17°18	13°15	T 11
F 12	15 18 22	21° 8'54	15°22	28°39	27°56	1°37	6°38	29° 4	28°41	21°22	2° 0	2°45	3°47	17°25	13°19	F 12
S 13	15 22 19	22° 6'55	27°56	0♌13	29° 6	2°15	6°52	28°59	28°42	21°21	2° 1	2°D44	3°44	17°32	13°23	S 13
S 14	15 26 15	23° 4'55	10♌10	1°50	0♋17	2°53	7° 7	28°55	28°42	21°19	2° 3	2°44	3°41	17°38	13°27	S 14
M15	15 30 12	24° 2'52	22°11	3°28	1°27	3°32	7°21	28°52	28°43	21°17	2° 4	2°R44	3°37	17°45	13°31	M15
T 16	15 34 8	25° 0'48	4♍ 4	5° 8	2°37	4°10	7°35	28°48	28°43	21°16	2° 5	2°44	3°34	17°52	13°35	T 16
W17	15 38 5	25°58'41	15°54	6°51	3°47	4°48	7°49	28°44	28°44	21°14	2° 7	2°42	3°31	17°58	13°39	W17
T 18	15 42 1	26°56'33	27°45	8°35	4°57	5°26	8° 3	28°40	28°44	21°13	2° 8	2°38	3°28	18° 5	13°43	T 18
F 19	15 45 58	27°54'23	9♎43	10°22	6° 7	6° 5	8°17	28°36	28°45	21°11	2° 9	2°31	3°25	18°12	13°46	F 19
S 20	15 49 55	28°52'12	21°51	12°11	7°16	6°43	8°31	28°33	28°46	21° 9	2°11	2°22	3°22	18°18	13°50	S 20
S 21	15 53 51	29°49'59	4♏12	14° 1	8°26	7°21	8°45	28°29	28°46	21° 8	2°12	2°12	3°18	18°25	13°54	S 21
M22	15 57 48	0♊47'45	16°47	15°54	9°35	7°59	8°59	28°26	28°47	21° 6	2°13	2° 1	3°15	18°32	13°58	M22
T 23	16 1 44	1°45'29	29°36	17°49	10°45	8°38	9°12	28°22	28°48	21° 5	2°15	1°50	3°12	18°38	14° 2	T 23
W24	16 5 41	2°43'12	12♐39	19°45	11°54	9°16	9°26	28°19	28°49	21° 3	2°16	1°41	3° 9	18°45	14° 5	W24
T 25	16 9 37	3°40'53	25°56	21°44	13° 3	9°54	9°40	28°15	28°50	21° 1	2°17	1°34	3° 6	18°52	14° 9	T 25
F 26	16 13 34	4°38'34	9♑23	23°45	14°12	10°32	9°54	28°12	28°51	21° 0	2°19	1°30	3° 2	18°59	14°13	F 26
S 27	16 17 30	5°36'13	23° 1	25°47	15°21	11°10	10° 7	28° 9	28°52	20°58	2°20	1°28	2°59	19° 5	14°17	S 27
S 28	16 21 27	6°33'51	6♒49	27°51	16°30	11°48	10°21	28° 6	28°53	20°57	2°22	1°D28	2°56	19°12	14°20	S 28
M29	16 25 24	7°31'28	20°44	29°57	17°38	12°27	10°35	28° 3	28°54	20°55	2°23	1°29	2°53	19°19	14°24	M29
T 30	16 29 20	8°29'05	4♓47	2♊ 4	18°47	13° 5	10°48	28° 0	28°55	20°54	2°24	1°R29	2°50	19°25	14°28	T 30
W31	16 33 17	9♊26'40	18♓57	4♊13	19♋55	13♋43	11♉ 2	27♎57	28♌57	20♏52	2♊26	1♌29	2♌47	19♍32	14♉31	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n57	18s15	0s31	2n45	2s52	24n 2	1n28	24n30	1n11	11n54	1s 0	8s50	2n45	12n39	0n46	16s26	1n48	7n44	13s 1	19n15	19n 9	8n37	14n17	1s23
T 2	15 15	15 10	1 44	3 10	2 54	24 12	1 31	24 31	1 11	11 59	1 0	8 49	2 45	12 39	0 46	16 25	1 48	7 44	13 1	19 15	19 10	8 35	14 19	1 23
W 3	15 33	11 7	2 50	3 37	2 56	24 22	1 33	24 33	1 11	12 4	1 0	8 47	2 45	12 39	0 46	16 25	1 48	7 45	13 1	19 15	19 11	8 33	14 20	1 23
T 4	15 51	6 23	3 47	4 5	2 56	24 31	1 35	24 34	1 11	12 8	1 0	8 46	2 45	12 39	0 46	16 25	1 48	7 45	13 0	19 16	19 11	8 31	14 21	1 23
F 5	16 8	1 13	4 30	4 34	2 57	24 39	1 38	24 35	1 12	12 13	1 0	8 44	2 45	12 39	0 46	16 24	1 48	7 45	13 0	19 18	19 12	8 29	14 22	1 23
S 6	16 25	4n 1	4 55	5 4	2 56	24 46	1 40	24 36	1 12	12 18	1 0	8 43	2 45	12 39	0 46	16 24	1 48	7 46	13 0	19 20	19 13	8 27	14 23	1 23
S 7	16 42	9 1	5 1	5 35	2 55	24 53	1 43	24 37	1 12	12 23	1 0	8 41	2 44	12 39	0 46	16 23	1 48	7 46	13 0	19 23	19 14	8 25	14 24	1 23
M 8	16 59	13 25	4 47	6 8	2 54	24 59	1 45	24 37	1 12	12 28	1 0	8 40	2 44	12 39	0 46	16 23	1 48	7 46	13 0	19 25	19 14	8 23	14 25	1 23
T 9	17 15	16 59	4 15	6 42	2 52	25 5	1 47	24 37	1 12	12 32	1 0	8 39	2 44	12 38	0 46	16 22	1 48	7 47	13 0	19 28	19 15	8 21	14 26	1 24
W10	17 31	19 30	3 30	7 16	2 49	25 10	1 49	24 37	1 12	12 37	1 0	8 37	2 44	12 38	0 46	16 22	1 48	7 47	13 0	19 30	19 16	8 19	14 27	1 24
T 11	17 47	20 50	2 33	7 52	2 46	25 14	1 51	24 37	1 12	12 42	1 0	8 36	2 44	12 38	0 46	16 22	1 48	7 47	13 0	19 31	19 17	8 16	14 29	1 24
F 12	18 2	21 2	1 31	8 28	2 42	25 17	1 53	24 37	1 12	12 46	1 0	8 35	2 44	12 38	0 46	16 21	1 48	7 48	13 0	19 32	19 17	8 14	14 30	1 24
S 13	18 17	20 9	0 26	9 5	2 37	25 20	1 55	24 37	1 12	12 51	1 0	8 33	2 44	12 38	0 46	16 21	1 48	7 48	13 0	19 32	19 18	8 12	14 31	1 24
S 14	18 32	18 19	0n40	9 43	2 32	25 22	1 57	24 36	1 13	12 55	1 0	8 32	2 44	12 38	0 46	16 20	1 48	7 48	12 59	19 32	19 19	8 10	14 32	1 24
M15	18 46	15 42	1 42	10 21	2 27	25 24	1 59	24 35	1 13	13 0	1 0	8 31	2 44	12 38	0 46	16 20	1 48	7 49	12 59	19 32	19 20	8 8	14 33	1 24
T 16	19 0	12 28	2 39	11 0	2 21	25 24	2 0	24 34	1 13	13 5	1 0	8 29	2 43	12 37	0 46	16 19	1 48	7 49	12 59	19 32	19 20	8 6	14 34	1 24
W17	19 14	8 46	3 29	11 40	2 15	25 24	2 2	24 33	1 13	13 9	1 0	8 28	2 43	12 37	0 45	16 19	1 48	7 49	12 59	19 33	19 21	8 4	14 35	1 24
T 18	19 28	4 43	4 10	12 20	2 8	25 23	2 4	24 31	1 13	13 14	1 0	8 27	2 43	12 37	0 45	16 19	1 48	7 50	12 59	19 33	19 22	8 2	14 36	1 24
F 19	19 41	0 27	4 40	13 1	2 0	25 22	2 5	24 30	1 13	13 18	1 0	8 26	2 43	12 37	0 45	16 18	1 48	7 50	12 59	19 35	19 23	8 0	14 37	1 24
S 20	19 54	3s53	4 58	13 42	1 52	25 20	2 7	24 28	1 13	13 23	1 0	8 25	2 43	12 36	0 45	16 18	1 48	7 50	12 59	19 37	19 23	7 58	14 38	1 25
S 21	20 6	8 9	5 3	14 23	1 44	25 17	2 8	24 26	1 13	13 27	1 0	8 24	2 43	12 36	0 45	16 17	1 48	7 51	12 59	19 39	19 24	7 56	14 39	1 25
M22	20 18	12 8	4 54	15 4	1 36	25 13	2 9	24 24	1 13	13 31	1 0	8 22	2 42	12 36	0 45	16 17	1 48	7 51	12 59	19 42	19 25	7 54	14 40	1 25
T 23	20 30	15 40	4 29	15 45	1 26	25 9	2 10	24 21	1 13	13 36	1 0	8 21	2 42	12 35	0 45	16 17	1 48	7 51	12 59	19 44	19 26	7 52	14 41	1 25
W24	20 41	18 29	3 50	16 25	1 17	25 4	2 12	24 19	1 13	13 40	1 0	8 20	2 42	12 35	0 45	16 16	1 48	7 51	12 59	19 46	19 26	7 50	14 42	1 25
T 25	20 52	20 23	2 58	17 6	1 7	24 59	2 13	24 16	1 13	13 44	1 0	8 19	2 42	12 35	0 45	16 16	1 48	7 52	12 59	19 48	19 27	7 48	14 43	1 25
F 26	21 3	21 10	1 55	17 46	0 57	24 53	2 14	24 13	1 13	13 49	1 1	8 18	2 42	12 34	0 45	16 15	1 48	7 52	12 59	19 49	19 28	7 46	14 44	1 25
S 27	21 13	20 43	0 45	18 26	0 47	24 46	2 14	24 10	1 13	13 53	1 1	8 17	2 42	12 34	0 45	16 15	1 48	7 52	12 59	19 49	19 29	7 44	14 45	1 25
S 28	21 23	19 1	0s29	19 4	0 37	24 38	2 15	24 7	1 13	13 57	1 1	8 17	2 41	12 33	0 45	16 15	1 48	7 52	12 59	19 49	19 29	7 42	14 46	1 25
M29	21 33	16 11	1 42	19 42	0 26	24 30	2 16	24 3	1 13	14 1	1 1	8 16	2 41	12 33	0 45	16 14	1 48	7 53	12 59	19 49	19 30	7 40	14 47	1 25
T 30	21 42	12 22	2 49	20 18	0 15	24 21	2 16	24 0	1 13	14 6	1 1	8 15	2 41	12 33	0 45	16 14	1 48	7 53	12 59	19 49	19 31	7 38	14 48	1 26
W31	21n51	7s51	3s47	20n54	0s 5	24n12	2n17	23n56	1n13	14n10	1s 1	8s14	2n41	12n32	0n45	16s13	1n48	7n53	12s59	19n49	19n31	7n36	14n49	1s26

Julian Day Number = 2499146.5, Delta T = 109.15 sec
Ecliptic obliquity = 23°25'15, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°33'41, Lahiri = 25°40'41

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ASTRODIENST EPHEMERIS for the year 2130
geocentric

JUNE 2130 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 13	10♊24'15	3♈13	6♊23	21♋ 4	14♋21	11♉15	27°R54	28♎58	20°R51	2♊27	1°R27	2♎43	19♍39	14♉35	T 1
F 2	16 41 10	11°21'48	17°31	8°33	22°12	14°59	11°29	27♎51	28°59	20♏49	2°28	1♎23	2°40	19°45	14°39	F 2
S 3	16 45 6	12°19'21	1♉48	10°45	23°20	15°37	11°42	27°49	29° 1	20°47	2°30	1°17	2°37	19°52	14°42	S 3
S 4	16 49 3	13°16'53	16° 1	12°57	24°28	16°15	11°55	27°46	29° 2	20°46	2°31	1° 9	2°34	19°59	14°46	S 4
M 5	16 52 59	14°14'25	0♊ 3	15° 9	25°35	16°53	12° 9	27°44	29° 4	20°45	2°32	1° 2	2°31	20° 5	14°49	M 5
T 6	16 56 56	15°11'55	13°50	17°21	26°43	17°31	12°22	27°41	29° 5	20°43	2°34	0°55	2°28	20°12	14°53	T 6
W 7	17 0 53	16° 9'24	27°20	19°33	27°50	18°10	12°35	27°39	29° 7	20°42	2°35	0°49	2°24	20°19	14°56	W 7
T 8	17 4 49	17° 6'53	10♋29	21°44	28°58	18°48	12°48	27°37	29° 9	20°40	2°36	0°45	2°21	20°25	15° 0	T 8
F 9	17 8 46	18° 4'20	23°19	23°54	0♎ 5	19°26	13° 1	27°35	29°10	20°39	2°38	0°43	2°18	20°32	15° 3	F 9
S 10	17 12 42	19° 1'46	5♎49	26° 3	1°12	20° 4	13°14	27°33	29°12	20°37	2°39	0°D43	2°15	20°39	15° 7	S 10
S 11	17 16 39	19°59'12	18° 3	28°11	2°19	20°42	13°27	27°31	29°14	20°36	2°40	0°44	2°12	20°46	15°10	S 11
M12	17 20 35	20°56'36	0♍ 5	0♋17	3°25	21°20	13°40	27°29	29°16	20°35	2°42	0°46	2° 8	20°52	15°14	M12
T 13	17 24 32	21°53'59	11°59	2°21	4°32	21°58	13°53	27°27	29°18	20°33	2°43	0°47	2° 5	20°59	15°17	T 13
W14	17 28 28	22°51'21	23°50	4°24	5°38	22°36	14° 5	27°26	29°20	20°32	2°44	0°R48	2° 2	21° 6	15°20	W14
T 15	17 32 25	23°48'42	5♎43	6°25	6°44	23°14	14°18	27°24	29°22	20°31	2°45	0°47	1°59	21°12	15°23	T 15
F 16	17 36 22	24°46'02	17°43	8°23	7°50	23°52	14°31	27°23	29°24	20°29	2°47	0°44	1°56	21°19	15°27	F 16
S 17	17 40 18	25°43'21	29°55	10°20	8°56	24°30	14°43	27°21	29°26	20°28	2°48	0°41	1°53	21°26	15°30	S 17
S 18	17 44 15	26°40'39	12♏21	12°14	10° 2	25° 8	14°56	27°20	29°28	20°27	2°49	0°36	1°49	21°32	15°33	S 18
M19	17 48 11	27°37'56	25° 5	14° 6	11° 7	25°46	15° 8	27°19	29°30	20°26	2°50	0°31	1°46	21°39	15°36	M19
T 20	17 52 8	28°35'13	8♐ 7	15°55	12°12	26°24	15°20	27°18	29°32	20°24	2°52	0°25	1°43	21°46	15°39	T 20
W21	17 56 4	29°32'29	21°28	17°42	13°17	27° 2	15°33	27°17	29°35	20°23	2°53	0°21	1°40	21°52	15°42	W21
T 22	18 0 1	0♋29'45	5♑ 5	19°27	14°22	27°40	15°45	27°16	29°37	20°22	2°54	0°18	1°37	21°59	15°46	T 22
F 23	18 3 57	1°27'00	18°58	21°10	15°27	28°18	15°57	27°15	29°39	20°21	2°55	0°16	1°34	22° 6	15°49	F 23
S 24	18 7 54	2°24'14	3♒ 1	22°50	16°31	28°56	16° 9	27°14	29°42	20°20	2°57	0°D16	1°30	22°13	15°52	S 24
S 25	18 11 51	3°21'29	17°13	24°28	17°35	29°34	16°21	27°14	29°44	20°19	2°58	0°16	1°27	22°19	15°55	S 25
M26	18 15 47	4°18'43	1♓29	26° 3	18°39	0♎11	16°33	27°13	29°47	20°18	2°59	0°18	1°24	22°26	15°57	M26
T 27	18 19 44	5°15'57	15°45	27°36	19°42	0°49	16°45	27°13	29°49	20°17	3° 0	0°19	1°21	22°33	16° 0	T 27
W28	18 23 40	6°13'11	0♈ 1	29° 6	20°46	1°27	16°56	27°13	29°52	20°16	3° 1	0°R20	1°18	22°39	16° 3	W28
T 29	18 27 37	7°10'25	14°12	0♎34	21°49	2° 5	17° 8	27°12	29°54	20°15	3° 3	0°20	1°14	22°46	16° 6	T 29
F 30	18 31 33	8♋ 7'39	28♈17	2♎ 0	22♎52	2♎43	17♉19	27♎12	29♎57	20♏14	3♊ 4	0♎19	1♎11	22♍53	16♉ 9	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n59	2s52	4s31	21n27	0n 6	24n 2	2n17	23n52	1n13	14n14	1s 1	8s13	2n41	12n32	0n45	16s13	1n48	7n53	12s59	19n49	19n32	7n33	14n50	1s26
F 2	22 8	2n16	4 58	21 59	0 16	23 51	2 17	23 48	1 13	14 18	1 1	8 12	2 40	12 31	0 45	16 13	1 48	7 54	12 59	19 50	19 33	7 31	14 51	1 26
S 3	22 15	7 17	5 7	22 29	0 27	23 40	2 18	23 43	1 13	14 22	1 1	8 12	2 40	12 31	0 45	16 12	1 48	7 54	12 59	19 52	19 34	7 29	14 52	1 26
S 4	22 23	11 52	4 57	22 57	0 37	23 28	2 18	23 39	1 14	14 26	1 1	8 11	2 40	12 30	0 45	16 12	1 48	7 54	12 59	19 53	19 34	7 27	14 53	1 26
M 5	22 29	15 45	4 29	23 22	0 47	23 16	2 18	23 34	1 14	14 30	1 1	8 10	2 40	12 29	0 45	16 12	1 48	7 54	12 59	19 55	19 35	7 25	14 54	1 26
T 6	22 36	18 42	3 46	23 45	0 56	23 3	2 17	23 29	1 14	14 34	1 1	8 10	2 39	12 29	0 45	16 11	1 48	7 55	12 59	19 56	19 36	7 23	14 55	1 26
W 7	22 42	20 33	2 51	24 5	1 5	22 49	2 17	23 24	1 14	14 38	1 1	8 9	2 39	12 28	0 45	16 11	1 48	7 55	12 59	19 58	19 36	7 21	14 56	1 26
T 8	22 48	21 13	1 47	24 23	1 13	22 35	2 17	23 19	1 14	14 42	1 1	8 8	2 39	12 28	0 45	16 11	1 48	7 55	12 59	19 58	19 37	7 19	14 57	1 27
F 9	22 53	20 45	0 40	24 38	1 21	22 20	2 16	23 14	1 14	14 46	1 1	8 8	2 39	12 27	0 45	16 10	1 48	7 55	12 59	19 59	19 38	7 17	14 57	1 27
S 10	22 58	19 15	0n28	24 50	1 28	22 5	2 16	23 8	1 13	14 50	1 1	8 7	2 39	12 26	0 45	16 10	1 48	7 55	12 59	19 59	19 39	7 15	14 58	1 27
S 11	23 3	16 53	1 33	24 59	1 35	21 49	2 15	23 2	1 13	14 54	1 1	8 7	2 38	12 26	0 45	16 10	1 48	7 56	12 59	19 59	19 39	7 13	14 59	1 27
M12	23 7	13 49	2 33	25 6	1 40	21 33	2 14	22 56	1 13	14 57	1 1	8 7	2 38	12 25	0 45	16 9	1 47	7 56	12 59	19 58	19 40	7 10	15 0	1 27
T 13	23 10	10 14	3 25	25 9	1 45	21 16	2 13	22 50	1 13	15 1	1 1	8 6	2 38	12 24	0 44	16 9	1 47	7 56	12 59	19 58	19 41	7 8	15 1	1 27
W14	23 14	6 16	4 9	25 11	1 50	20 59	2 12	22 44	1 13	15 5	1 1	8 6	2 38	12 24	0 44	16 9	1 47	7 56	12 59	19 58	19 41	7 6	15 2	1 27
T 15	23 17	2 3	4 42	25 9	1 53	20 41	2 11	22 38	1 13	15 8	1 1	8 5	2 37	12 23	0 44	16 8	1 47	7 56	12 59	19 58	19 42	7 4	15 3	1 27
F 16	23 19	2s16	5 3	25 5	1 56	20 23	2 10	22 31	1 13	15 12	1 1	8 5	2 37	12 22	0 44	16 8	1 47	7 56	12 59	19 59	19 43	7 2	15 3	1 28
S 17	23 21	6 34	5 11	24 59	1 58	20 4	2 8	22 24	1 13	15 16	1 1	8 5	2 37	12 21	0 44	16 8	1 47	7 57	12 59	19 59	19 44	7 0	15 4	1 28
S 18	23 23	10 41	5 5	24 51	2 0	19 45	2 7	22 18	1 13	15 19	1 2	8 5	2 37	12 21	0 44	16 7	1 47	7 57	13 0	20 0	19 44	6 58	15 5	1 28
M19	23 24	14 26	4 44	24 40	2 0	19 26	2 5	22 11	1 13	15 23	1 2	8 5	2 36	12 20	0 44	16 7	1 47	7 57	13 0	20 2	19 45	6 56	15 6	1 28
T 20	23 25	17 35	4 7	24 27	2 0	19 6	2 3	22 3	1 13	15 26	1 2	8 4	2 36	12 19	0 44	16 7	1 47	7 57	13 0	20 3	19 46	6 54	15 6	1 28
W21	23 25	19 53	3 16	24 13	1 59	18 45	2 1	21 56	1 13	15 30	1 2	8 4	2 36	12 18	0 44	16 7	1 47	7 57	13 0	20 4	19 46	6 51	15 7	1 28
T 22	23 25	21 6	2 13	23 57	1 57	18 24	1 59	21 48	1 13	15 33	1 2	8 4	2 36	12 17	0 44	16 6	1 47	7 57	13 0	20 4	19 47	6 49	15 8	1 28
F 23	23 25	21 4	1 2	23 39	1 55	18 3	1 57	21 41	1 13	15 37	1 2	8 4	2 35	12 16	0 44	16 6	1 47	7 57	13 0	20 5	19 48	6 47	15 9	1 29
S 24	23 24	19 43	0s15	23 20	1 52	17 42	1 55	21 33	1 13	15 40	1 2	8 4	2 35	12 16	0 44	16 6	1 47	7 58	13 0	20 5	19 49	6 45	15 9	1 29
S 25	23 23	17 7	1 32	22 59	1 49	17 20	1 52	21 25	1 13	15 43	1 2	8 4	2 35	12 15	0 44	16 5	1 47	7 58	13 0	20 5	19 49	6 43	15 10	1 29
M26	23 21	13 29	2 43	22 38	1 44	16 58	1 50	21 17	1 13	15 47	1 2	8 4	2 35	12 14	0 44	16 5	1 47	7 58	13 0	20 4	19 50	6 41	15 11	1 29
T 27	23 19	9 4	3 44	22 15	1 39	16 35	1 47	21 9	1 13	15 50	1 2	8 4	2 34	12 13	0 44	16 5	1 47	7 58	13 0	20 4	19 51	6 39	15 12	1 29
W28	23 16	4 9	4 32	21 51	1 34	16 12	1 44	21 0	1 13	15 53	1 2	8 4	2 34	12 12	0 44	16 5	1 47	7 58	13 0	20 4	19 51	6 36	15 12	1 29
T 29	23 14	0n57	5 2	21 26	1 27	15 49	1 41	20 52	1 13	15 56	1 2	8 5	2 34	12 11	0 44	16 5	1 47	7 58	13 1	20 4	19 52	6 34	15 13	1 29
F 30	23n10	5n57	5s14	21n 1	1n21	15n26	1n38	20n43	1n13	16n 0	1s 2	8s 5	2n34	12n10	0n44	16s 4	1n47	7n58	13s 1	20n 4	19n53	6n32	15n14	1s30

Julian Day Number = 2499177.5, Delta T = 109.20 sec
Ecliptic obliquity = 23°25'15, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°33'45, Lahiri = 25°40'46

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ASTRODIENST EPHEMERIS for the year 2130
geocentric

JULY 2130 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 30	9♋ 4'53	12♉14	3♌23	23♌54	3♌21	17♉31	27°D12	29♌59	20°R13	3♊ 5	0°R17	1♌ 8	22♍59	16♉11	S 1
S 2	18 39 26	10° 2'07	26° 1	4°43	24°57	3°59	17°42	27♎12	0♍ 2	20♏12	3° 6	0♌14	1° 5	23° 6	16°14	S 2
M 3	18 43 23	10°59'21	9♊37	6° 1	25°59	4°37	17°53	27°13	0° 5	20°11	3° 7	0°11	1° 2	23°13	16°17	M 3
T 4	18 47 20	11°56'35	22°58	7°17	27° 0	5°15	18° 5	27°13	0° 8	20°10	3° 8	0° 9	0°59	23°19	16°19	T 4
W 5	18 51 16	12°53'50	6♋ 5	8°29	28° 2	5°53	18°16	27°13	0°10	20° 9	3° 9	0° 7	0°55	23°26	16°22	W 5
T 6	18 55 13	13°51'04	18°56	9°39	29° 3	6°31	18°27	27°14	0°13	20° 8	3°10	0° 6	0°52	23°33	16°24	T 6
F 7	18 59 9	14°48'18	1♌32	10°46	0♍ 4	7° 9	18°38	27°14	0°16	20° 8	3°11	0°D 6	0°49	23°40	16°27	F 7
S 8	19 3 6	15°45'32	13°54	11°50	1° 4	7°47	18°48	27°15	0°19	20° 7	3°12	0° 6	0°46	23°46	16°29	S 8
S 9	19 7 2	16°42'46	26° 3	12°52	2° 4	8°24	18°59	27°16	0°22	20° 6	3°13	0° 7	0°43	23°53	16°32	S 9
M10	19 10 59	17°39'59	8♍ 3	13°50	3° 4	9° 2	19°10	27°17	0°25	20° 5	3°15	0° 8	0°40	24° 0	16°34	M10
T 11	19 14 55	18°37'13	19°57	14°45	4° 4	9°40	19°20	27°18	0°28	20° 5	3°16	0° 9	0°36	24° 6	16°36	T 11
W12	19 18 52	19°34'26	1♎48	15°36	5° 3	10°18	19°30	27°19	0°31	20° 4	3°17	0°10	0°33	24°13	16°39	W12
T 13	19 22 49	20°31'39	13°41	16°24	6° 1	10°56	19°41	27°20	0°34	20° 3	3°17	0°11	0°30	24°20	16°41	T 13
F 14	19 26 45	21°28'52	25°41	17° 9	7° 0	11°34	19°51	27°21	0°37	20° 3	3°18	0°R11	0°27	24°26	16°43	F 14
S 15	19 30 42	22°26'05	7♏52	17°50	7°58	12°12	20° 1	27°23	0°40	20° 2	3°19	0°10	0°24	24°33	16°45	S 15
S 16	19 34 38	23°23'19	20°19	18°27	8°55	12°50	20°11	27°24	0°43	20° 2	3°20	0°10	0°20	24°40	16°47	S 16
M17	19 38 35	24°20'32	3♐ 5	19° 0	9°52	13°28	20°21	27°26	0°47	20° 1	3°21	0° 9	0°17	24°47	16°49	M17
T 18	19 42 31	25°17'45	16°13	19°29	10°49	14° 6	20°30	27°27	0°50	20° 1	3°22	0° 8	0°14	24°53	16°51	T 18
W19	19 46 28	26°14'59	29°44	19°54	11°45	14°44	20°40	27°29	0°53	20° 0	3°23	0° 8	0°11	25° 0	16°53	W19
T 20	19 50 24	27°12'12	13♑37	20°14	12°40	15°21	20°49	27°31	0°56	20° 0	3°24	0° 8	0° 8	25° 7	16°55	T 20
F 21	19 54 21	28° 9'26	27°50	20°30	13°35	15°59	20°59	27°33	1° 0	20° 0	3°25	0°D 8	0° 5	25°13	16°57	F 21
S 22	19 58 18	29° 6'41	12♒18	20°41	14°30	16°37	21° 8	27°35	1° 3	19°59	3°26	0° 8	0° 1	25°20	16°58	S 22
S 23	20 2 14	0♌ 3'56	26°56	20°47	15°24	17°15	21°17	27°37	1° 6	19°59	3°27	0°R 8	29♋58	25°27	17° 0	S 23
M24	20 6 11	1° 1'11	11♓38	20°R49	16°17	17°53	21°26	27°39	1°10	19°59	3°27	0° 8	29°55	25°33	17° 2	M24
T 25	20 10 7	1°58'27	26°17	20°45	17°10	18°31	21°35	27°42	1°13	19°58	3°28	0° 7	29°52	25°40	17° 3	T 25
W26	20 14 4	2°55'44	10♈47	20°37	18° 2	19° 9	21°44	27°44	1°16	19°58	3°29	0° 7	29°49	25°47	17° 5	W26
T 27	20 18 0	3°53'02	25° 5	20°24	18°54	19°47	21°52	27°47	1°20	19°58	3°30	0° 7	29°46	25°54	17° 6	T 27
F 28	20 21 57	4°50'21	9♉ 7	20° 5	19°45	20°25	22° 1	27°49	1°23	19°58	3°30	0°D 7	29°42	26° 0	17° 8	F 28
S 29	20 25 53	5°47'41	22°53	19°42	20°36	21° 3	22° 9	27°52	1°27	19°58	3°31	0° 7	29°39	26° 7	17° 9	S 29
S 30	20 29 50	6°45'02	6♊23	19°15	21°25	21°41	22°17	27°55	1°30	19°58	3°32	0° 8	29°36	26°14	17°11	S 30
M31	20 33 47	7♌42'23	19♊37	18♌43	22♍14	22♌19	22♉25	27♎58	1♍34	19♏58	3♊33	0♌ 8	29♋33	26♍20	17♉12	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 7	10n36	5s 8	20n34	1n13	15n 2	1n35	20n34	1n13	16n 3	1s 2	8s 5	2n33	12n 9	0n44	16s 4	1n47	7n58	13s 1	20n 5	19n53	6n30	15n14	1s30
S 2	23 2	14 39	4 43	20 8	1 5	14 38	1 31	20 25	1 12	16 6	1 3	8 5	2 33	12 8	0 44	16 4	1 47	7 58	13 1	20 5	19 54	6 28	15 15	1 30
M 3	22 58	17 52	4 3	19 40	0 57	14 14	1 28	20 16	1 12	16 9	1 3	8 6	2 33	12 7	0 44	16 4	1 47	7 58	13 1	20 6	19 55	6 26	15 15	1 30
T 4	22 53	20 4	3 11	19 13	0 48	13 49	1 24	20 7	1 12	16 12	1 3	8 6	2 32	12 6	0 44	16 4	1 47	7 58	13 1	20 6	19 56	6 24	15 16	1 30
W 5	22 48	21 8	2 9	18 45	0 39	13 24	1 20	19 57	1 12	16 15	1 3	8 6	2 32	12 5	0 44	16 3	1 47	7 59	13 1	20 7	19 56	6 21	15 17	1 30
T 6	22 42	21 4	1 1	18 17	0 29	12 59	1 16	19 48	1 12	16 18	1 3	8 7	2 32	12 4	0 44	16 3	1 46	7 59	13 1	20 7	19 57	6 19	15 17	1 30
F 7	22 36	19 56	0n 8	17 49	0 18	12 34	1 12	19 38	1 12	16 21	1 3	8 7	2 32	12 3	0 44	16 3	1 46	7 59	13 2	20 7	19 58	6 17	15 18	1 31
S 8	22 29	17 51	1 16	17 21	0 7	12 9	1 8	19 28	1 12	16 23	1 3	8 8	2 31	12 2	0 44	16 3	1 46	7 59	13 2	20 7	19 58	6 15	15 18	1 31
S 9	22 23	15 0	2 19	16 53	0s 4	11 43	1 4	19 18	1 12	16 26	1 3	8 8	2 31	12 1	0 44	16 3	1 46	7 59	13 2	20 7	19 59	6 13	15 19	1 31
M10	22 15	11 33	3 15	16 25	0 16	11 17	0 59	19 8	1 12	16 29	1 3	8 9	2 31	12 0	0 44	16 3	1 46	7 59	13 2	20 6	20 0	6 11	15 19	1 31
T 11	22 8	7 42	4 2	15 57	0 28	10 51	0 54	18 58	1 12	16 32	1 3	8 10	2 31	11 59	0 44	16 3	1 46	7 59	13 2	20 6	20 0	6 8	15 20	1 31
W12	22 0	3 33	4 39	15 30	0 40	10 25	0 50	18 48	1 12	16 34	1 4	8 10	2 30	11 58	0 44	16 2	1 46	7 59	13 2	20 6	20 1	6 6	15 20	1 31
T 13	21 51	0s43	5 4	15 4	0 53	9 59	0 45	18 37	1 11	16 37	1 4	8 11	2 30	11 57	0 44	16 2	1 46	7 59	13 3	20 6	20 2	6 4	15 21	1 32
F 14	21 42	5 1	5 16	14 38	1 6	9 33	0 39	18 27	1 11	16 40	1 4	8 12	2 30	11 55	0 44	16 2	1 46	7 59	13 3	20 6	20 2	6 2	15 21	1 32
S 15	21 33	9 10	5 14	14 13	1 20	9 6	0 34	18 16	1 11	16 42	1 4	8 12	2 30	11 54	0 44	16 2	1 46	7 59	13 3	20 6	20 3	6 0	15 22	1 32
S 16	21 24	13 2	4 58	13 48	1 33	8 40	0 29	18 5	1 11	16 45	1 4	8 13	2 29	11 53	0 44	16 2	1 46	7 59	13 3	20 6	20 4	5 58	15 22	1 32
M17	21 14	16 24	4 26	13 25	1 47	8 13	0 23	17 54	1 11	16 47	1 4	8 14	2 29	11 52	0 44	16 2	1 46	7 59	13 3	20 6	20 4	5 55	15 22	1 32
T 18	21 4	19 3	3 40	13 3	2 1	7 47	0 17	17 43	1 11	16 50	1 4	8 15	2 29	11 51	0 44	16 2	1 46	7 59	13 3	20 6	20 5	5 53	15 23	1 32
W19	20 53	20 44	2 41	12 42	2 15	7 20	0 12	17 32	1 11	16 52	1 4	8 16	2 28	11 50	0 43	16 2	1 46	7 59	13 4	20 6	20 6	5 51	15 23	1 33
T 20	20 42	21 14	1 30	12 22	2 29	6 53	0 6	17 21	1 11	16 55	1 4	8 16	2 28	11 49	0 43	16 2	1 46	7 59	13 4	20 6	20 6	5 49	15 24	1 33
F 21	20 31	20 22	0 13	12 4	2 43	6 26	0s 1	17 9	1 11	16 57	1 5	8 17	2 28	11 47	0 43	16 2	1 46	7 59	13 4	20 6	20 7	5 47	15 24	1 33
S 22	20 19	18 10	1s 7	11 47	2 57	5 59	0 7	16 58	1 10	16 59	1 5	8 18	2 28	11 46	0 43	16 2	1 46	7 59	13 4	20 6	20 8	5 44	15 24	1 33
S 23	20 7	14 46	2 23	11 32	3 11	5 33	0 13	16 46	1 10	17 2	1 5	8 19	2 27	11 45	0 43	16 2	1 46	7 59	13 4	20 6	20 8	5 42	15 25	1 33
M24	19 55	10 26	3 31	11 19	3 24	5 6	0 20	16 34	1 10	17 4	1 5	8 20	2 27	11 44	0 43	16 2	1 46	7 59	13 5	20 6	20 9	5 40	15 25	1 33
T 25	19 42	5 31	4 24	11 8	3 37	4 39	0 27	16 22	1 10	17 6	1 5	8 21	2 27	11 43	0 43	16 2	1 45	7 59	13 5	20 7	20 10	5 38	15 25	1 34
W26	19 29	0 20	4 59	10 58	3 50	4 12	0 34	16 11	1 10	17 8	1 5	8 23	2 27	11 41	0 43	16 2	1 45	7 58	13 5	20 7	20 10	5 36	15 25	1 34
T 27	19 16	4n48	5 16	10 51	4 2	3 46	0 41	15 58	1 10	17 10	1 5	8 24	2 26	11 40	0 43	16 2	1 45	7 58	13 5	20 7	20 11	5 33	15 26	1 34
F 28	19 2	9 34	5 13	10 46	4 13	3 19	0 48	15 46	1 10	17 12	1 5	8 25	2 26	11 39	0 43	16 2	1 45	7 58	13 5	20 7	20 12	5 31	15 26	1 34
S 29	18 49	13 46	4 53	10 44	4 23	2 52	0 56	15 34	1 9	17 14	1 6	8 26	2 26	11 38	0 43	16 2	1 45	7 58	13 6	20 7	20 12	5 29	15 26	1 34
S 30	18 34	17 9	4 16	10 43	4 32	2 26	1 3	15 22	1 9	17 16	1 6	8 27	2 26	11 36	0 43	16 2	1 45	7 58	13 6	20 6	20 13	5 27	15 26	1 34
M31	18n20	19n35	3s26	10n46	4s40	1n59	1s11	15n 9	1n 9	17n18	1s 6	8s29	2n25	11n35	0n43	16s 2	1n45	7n58	13s 6	20n 6	20n14	5n24	15n27	1s35

Julian Day Number = 2499207.5, Delta T = 109.25 sec
Ecliptic obliquity = 23°25'15, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°33'49, Lahiri = 25°40'50

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ASTRODIENST EPHEMERIS for the year 2130
geocentric

AUGUST 2130 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 43	8♌39'46	2♋35	18°R 8	23♍ 3	22♌57	22♉33	28♎ 0	1♍37	19°D57	3♊33	0♌ 9	29♋30	26♍27	17♉13	T 1
W 2	20 41 40	9°37'10	15°20	17♌29	23°50	23°34	22°41	28° 4	1°41	19♏57	3°34	0°10	29°26	26°34	17°14	W 2
T 3	20 45 36	10°34'35	27°51	16°47	24°37	24°12	22°48	28° 7	1°44	19°58	3°34	0°R10	29°23	26°40	17°15	T 3
F 4	20 49 33	11°32'00	10♌12	16° 4	25°23	24°50	22°56	28°10	1°48	19°58	3°35	0°10	29°20	26°47	17°17	F 4
S 5	20 53 29	12°29'26	22°23	15°18	26° 8	25°28	23° 3	28°13	1°51	19°58	3°36	0° 9	29°17	26°54	17°18	S 5
S 6	20 57 26	13°26'54	4♍25	14°32	26°52	26° 6	23°11	28°17	1°55	19°58	3°36	0° 8	29°14	27° 1	17°18	S 6
M 7	21 1 22	14°24'21	16°20	13°47	27°35	26°44	23°18	28°20	1°59	19°58	3°37	0° 6	29°11	27° 7	17°19	M 7
T 8	21 5 19	15°21'50	28°12	13° 2	28°18	27°22	23°24	28°24	2° 2	19°58	3°37	0° 4	29° 7	27°14	17°20	T 8
W 9	21 9 16	16°19'20	10♎ 3	12°19	28°59	28° 0	23°31	28°27	2° 6	19°58	3°38	0° 1	29° 4	27°21	17°21	W 9
T 10	21 13 12	17°16'50	21°55	11°39	29°39	28°38	23°38	28°31	2° 9	19°59	3°38	29♋59	29° 1	27°27	17°22	T 10
F 11	21 17 9	18°14'21	3♏54	11° 3	0♎18	29°16	23°44	28°35	2°13	19°59	3°39	29°58	28°58	27°34	17°22	F 11
S 12	21 21 5	19°11'53	16° 3	10°30	0°57	29°54	23°50	28°39	2°17	19°59	3°39	29°D57	28°55	27°41	17°23	S 12
S 13	21 25 2	20° 9'26	28°27	10° 3	1°33	0♍32	23°57	28°43	2°20	20° 0	3°40	29°57	28°51	27°47	17°24	S 13
M14	21 28 58	21° 6'59	11♐10	9°41	2° 9	1°10	24° 3	28°47	2°24	20° 0	3°40	29°58	28°48	27°54	17°24	M14
T 15	21 32 55	22° 4'34	24°15	9°25	2°44	1°48	24° 8	28°51	2°28	20° 0	3°41	29°59	28°45	28° 1	17°24	T 15
W16	21 36 51	23° 2'09	7♑46	9°16	3°17	2°27	24°14	28°55	2°32	20° 1	3°41	0♌ 1	28°42	28° 8	17°25	W16
T 17	21 40 48	23°59'46	21°44	9°D13	3°49	3° 5	24°19	28°59	2°35	20° 1	3°41	0° 2	28°39	28°14	17°25	T 17
F 18	21 44 45	24°57'23	6♒ 7	9°18	4°19	3°43	24°25	29° 4	2°39	20° 2	3°42	0°R 2	28°36	28°21	17°25	F 18
S 19	21 48 41	25°55'02	20°51	9°30	4°48	4°21	24°30	29° 8	2°43	20° 2	3°42	0° 1	28°32	28°28	17°26	S 19
S 20	21 52 38	26°52'42	5♓50	9°49	5°15	4°59	24°35	29°13	2°47	20° 3	3°42	29♋59	28°29	28°34	17°26	S 20
M21	21 56 34	27°50'23	20°55	10°16	5°41	5°37	24°40	29°17	2°50	20° 4	3°43	29°55	28°26	28°41	17°26	M21
T 22	22 0 31	28°48'05	5♈58	10°50	6° 5	6°15	24°44	29°22	2°54	20° 4	3°43	29°51	28°23	28°48	17°R26	T 22
W23	22 4 27	29°45'49	20°48	11°31	6°28	6°53	24°49	29°27	2°58	20° 5	3°43	29°48	28°20	28°54	17°26	W23
T 24	22 8 24	0♍43'35	5♉20	12°19	6°48	7°31	24°53	29°31	3° 1	20° 6	3°43	29°44	28°17	29° 1	17°26	T 24
F 25	22 12 20	1°41'23	19°29	13°15	7° 7	8° 9	24°57	29°36	3° 5	20° 6	3°44	29°43	28°13	29° 8	17°26	F 25
S 26	22 16 17	2°39'12	3♊15	14°17	7°24	8°47	25° 1	29°41	3° 9	20° 7	3°44	29°D42	28°10	29°15	17°25	S 26
S 27	22 20 14	3°37'03	16°37	15°26	7°39	9°26	25° 4	29°46	3°13	20° 8	3°44	29°43	28° 7	29°21	17°25	S 27
M28	22 24 10	4°34'56	29°38	16°41	7°53	10° 4	25° 8	29°51	3°17	20° 9	3°44	29°44	28° 4	29°28	17°25	M28
T 29	22 28 7	5°32'50	12♋21	18° 1	8° 4	10°42	25°11	29°56	3°20	20°10	3°44	29°46	28° 1	29°35	17°25	T 29
W30	22 32 3	6°30'46	24°49	19°27	8°13	11°20	25°14	0♏ 1	3°24	20°11	3°44	29°R47	27°57	29°41	17°24	W30
T 31	22 36 0	7♍28'44	7♌ 5	20♌58	8♎20	11♍58	25♉17	0♏ 7	3♍28	20♏11	3♊44	29♋46	27♋54	29♍48	17♉24	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 5	20n57	2s27	10n50	4s47	1n33	1s19	14n57	1n 9	17n20	1s 6	8s30	2n25	11n34	0n43	16s 2	1n45	7n58	13s 6	20n 6	20n14	5n22	15n27	1s35
W 2	17 50	21 12	1 21	10 57	4 52	1 7	1 27	14 44	1 9	17 22	1 6	8 31	2 25	11 33	0 43	16 2	1 45	7 58	13 6	20 6	20 15	5 20	15 27	1 35
T 3	17 34	20 22	0 13	11 6	4 55	0 41	1 35	14 31	1 9	17 24	1 6	8 32	2 25	11 31	0 43	16 2	1 45	7 58	13 7	20 6	20 16	5 18	15 27	1 35
F 4	17 19	18 34	0n55	11 17	4 57	0 15	1 43	14 18	1 8	17 25	1 6	8 34	2 24	11 30	0 43	16 2	1 45	7 58	13 7	20 6	20 16	5 16	15 27	1 35
S 5	17 3	15 56	2 0	11 30	4 57	0s10	1 52	14 6	1 8	17 27	1 6	8 35	2 24	11 29	0 43	16 2	1 45	7 58	13 7	20 6	20 17	5 13	15 27	1 35
S 6	16 46	12 39	2 58	11 44	4 56	0 36	2 0	13 52	1 8	17 29	1 7	8 37	2 24	11 27	0 43	16 2	1 45	7 57	13 7	20 6	20 18	5 11	15 27	1 36
M 7	16 30	8 53	3 48	12 1	4 52	1 1	2 9	13 39	1 8	17 30	1 7	8 38	2 24	11 26	0 43	16 2	1 45	7 57	13 8	20 7	20 18	5 9	15 28	1 36
T 8	16 13	4 49	4 28	12 18	4 47	1 26	2 18	13 26	1 8	17 32	1 7	8 40	2 23	11 25	0 43	16 2	1 45	7 57	13 8	20 7	20 19	5 7	15 28	1 36
W 9	15 56	0 34	4 57	12 37	4 40	1 51	2 27	13 13	1 8	17 33	1 7	8 41	2 23	11 24	0 43	16 2	1 45	7 57	13 8	20 8	20 20	5 4	15 28	1 36
T 10	15 39	3s42	5 12	12 56	4 31	2 15	2 36	13 0	1 7	17 35	1 7	8 43	2 23	11 22	0 43	16 3	1 45	7 57	13 8	20 8	20 20	5 2	15 28	1 36
F 11	15 21	7 52	5 15	13 16	4 20	2 39	2 46	12 46	1 7	17 36	1 7	8 44	2 23	11 21	0 43	16 3	1 44	7 57	13 8	20 9	20 21	5 0	15 28	1 37
S 12	15 3	11 47	5 3	13 36	4 8	3 3	2 55	12 33	1 7	17 38	1 7	8 46	2 23	11 20	0 43	16 3	1 44	7 57	13 9	20 9	20 22	4 58	15 28	1 37
S 13	14 45	15 17	4 37	13 56	3 55	3 27	3 5	12 19	1 7	17 39	1 8	8 47	2 22	11 18	0 43	16 3	1 44	7 56	13 9	20 9	20 22	4 55	15 28	1 37
M14	14 27	18 11	3 58	14 16	3 41	3 50	3 15	12 5	1 7	17 40	1 8	8 49	2 22	11 17	0 43	16 3	1 44	7 56	13 9	20 8	20 23	4 53	15 28	1 37
T 15	14 8	20 14	3 4	14 34	3 26	4 13	3 25	11 52	1 7	17 42	1 8	8 51	2 22	11 16	0 43	16 3	1 44	7 56	13 9	20 8	20 24	4 51	15 28	1 37
W16	13 50	21 12	2 0	14 52	3 10	4 35	3 35	11 38	1 6	17 43	1 8	8 52	2 22	11 14	0 43	16 4	1 44	7 56	13 10	20 8	20 24	4 49	15 27	1 37
T 17	13 31	20 55	0 46	15 9	2 53	4 57	3 45	11 24	1 6	17 44	1 8	8 54	2 21	11 13	0 43	16 4	1 44	7 56	13 10	20 8	20 25	4 46	15 27	1 38
F 18	13 12	19 16	0s33	15 24	2 36	5 19	3 55	11 10	1 6	17 45	1 8	8 56	2 21	11 12	0 43	16 4	1 44	7 56	13 10	20 8	20 26	4 44	15 27	1 38
S 19	12 52	16 18	1 52	15 38	2 19	5 40	4 6	10 56	1 6	17 46	1 9	8 58	2 21	11 10	0 43	16 4	1 44	7 55	13 10	20 8	20 26	4 42	15 27	1 38
S 20	12 33	12 13	3 4	15 50	2 1	6 0	4 16	10 42	1 6	17 47	1 9	8 59	2 21	11 9	0 43	16 4	1 44	7 55	13 11	20 8	20 27	4 40	15 27	1 38
M21	12 13	7 20	4 4	16 0	1 44	6 20	4 27	10 27	1 5	17 48	1 9	9 1	2 21	11 8	0 43	16 5	1 44	7 55	13 11	20 9	20 28	4 37	15 27	1 38
T 22	11 53	2 1	4 46	16 7	1 26	6 40	4 38	10 13	1 5	17 49	1 9	9 3	2 20	11 6	0 43	16 5	1 44	7 55	13 11	20 10	20 28	4 35	15 27	1 39
W23	11 33	3n20	5 9	16 12	1 9	6 59	4 48	9 59	1 5	17 50	1 9	9 5	2 20	11 5	0 43	16 5	1 44	7 55	13 11	20 11	20 29	4 33	15 27	1 39
T 24	11 12	8 24	5 11	16 15	0 53	7 17	4 59	9 45	1 5	17 51	1 9	9 7	2 20	11 3	0 43	16 5	1 44	7 55	13 12	20 11	20 29	4 31	15 26	1 39
F 25	10 52	12 52	4 54	16 15	0 36	7 34	5 10	9 30	1 4	17 52	1 9	9 9	2 20	11 2	0 43	16 5	1 44	7 54	13 12	20 12	20 30	4 28	15 26	1 39
S 26	10 31	16 31	4 21	16 12	0 21	7 51	5 21	9 16	1 4	17 53	1 10	9 11	2 20	11 1	0 43	16 6	1 44	7 54	13 12	20 12	20 31	4 26	15 26	1 39
S 27	10 10	19 12	3 34	16 6	0 6	8 7	5 32	9 1	1 4	17 53	1 10	9 12	2 19	10 59	0 43	16 6	1 44	7 54	13 12	20 12	20 31	4 24	15 26	1 39
M28	9 49	20 48	2 37	15 57	0n 8	8 22	5 43	8 46	1 4	17 54	1 10	9 14	2 19	10 58	0 43	16 6	1 43	7 54	13 13	20 11	20 32	4 22	15 25	1 40
T 29	9 28	21 18	1 34	15 46	0 22	8 37	5 54	8 32	1 4	17 55	1 10	9 16	2 19	10 57	0 43	16 7	1 43	7 53	13 13	20 11	20 33	4 19	15 25	1 40
W30	9 7	20 42	0 27	15 31	0 34	8 50	6 5	8 17	1 3	17 55	1 10	9 18	2 19	10 55	0 43	16 7	1 43	7 53	13 13	20 11	20 33	4 17	15 25	1 40
T 31	8n45	19n 8	0n40	15n13	0n45	9s 3	6s15	8n 2	1n 3	17n56	1s10	9s20	2n19	10n54	0n43	16s 7	1n43	7n53	13s13	20n11	20n34	4n15	15n25	1s40

Julian Day Number = 2499238.5, Delta T = 109.30 sec
Ecliptic obliquity = 23°25'16, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°33'53, Lahiri = 25°40'54

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ASTRODIENST EPHEMERIS for the year 2130
geocentric

SEPTEMBER 2130 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 39 56	8♍26'44	19♌12	22♌34	8♎24	12♍37	25♉20	0♏12	3♍32	20♏12	3♊44	29°R45	27♋51	29♍55	17°R23	F 1
S 2	22 43 53	9°24'45	1♍13	24°13	8°27	13°15	25°23	0°17	3°35	20°13	3°44	29♋41	27°48	0♎ 2	17♉22	S 2
S 3	22 47 49	10°22'48	13° 8	25°56	8°R27	13°53	25°25	0°23	3°39	20°14	3°R44	29°35	27°45	0° 8	17°22	S 3
M 4	22 51 46	11°20'52	25° 0	27°42	8°25	14°31	25°27	0°28	3°43	20°15	3°44	29°28	27°42	0°15	17°21	M 4
T 5	22 55 43	12°18'58	6♎51	29°31	8°21	15°10	25°29	0°34	3°46	20°17	3°44	29°20	27°38	0°22	17°20	T 5
W 6	22 59 39	13°17'06	18°42	1♍21	8°14	15°48	25°31	0°40	3°50	20°18	3°44	29°12	27°35	0°28	17°19	W 6
T 7	23 3 36	14°15'15	0♏36	3°14	8° 5	16°26	25°33	0°45	3°54	20°19	3°44	29° 4	27°32	0°35	17°18	T 7
F 8	23 7 32	15°13'25	12°35	5° 7	7°53	17° 4	25°34	0°51	3°58	20°20	3°44	28°58	27°29	0°42	17°18	F 8
S 9	23 11 29	16°11'38	24°44	7° 2	7°39	17°43	25°35	0°57	4° 1	20°21	3°44	28°54	27°26	0°48	17°17	S 9
S 10	23 15 25	17° 9'51	7♐ 5	8°57	7°23	18°21	25°36	1° 3	4° 5	20°22	3°44	28°51	27°23	0°55	17°15	S 10
M11	23 19 22	18° 8'06	19°42	10°52	7° 4	18°59	25°37	1° 8	4° 9	20°24	3°44	28°D51	27°19	1° 2	17°14	M11
T 12	23 23 18	19° 6'23	2♑41	12°48	6°43	19°38	25°38	1°14	4°12	20°25	3°44	28°51	27°16	1° 9	17°13	T 12
W13	23 27 15	20° 4'41	16° 5	14°43	6°20	20°16	25°38	1°20	4°16	20°26	3°43	28°52	27°13	1°15	17°12	W13
T 14	23 31 12	21° 3'01	29°57	16°38	5°55	20°55	25°38	1°27	4°20	20°27	3°43	28°R53	27°10	1°22	17°11	T 14
F 15	23 35 8	22° 1'22	14♒17	18°32	5°27	21°33	25°R38	1°33	4°23	20°29	3°43	28°52	27° 7	1°29	17° 9	F 15
S 16	23 39 5	22°59'45	29° 2	20°26	4°58	22°11	25°38	1°39	4°27	20°30	3°43	28°49	27° 3	1°35	17° 8	S 16
S 17	23 43 1	23°58'10	14♓ 8	22°19	4°28	22°50	25°38	1°45	4°31	20°32	3°42	28°43	27° 0	1°42	17° 6	S 17
M18	23 46 58	24°56'36	29°26	24°12	3°55	23°28	25°37	1°51	4°34	20°33	3°42	28°36	26°57	1°49	17° 5	M18
T 19	23 50 54	25°55'04	14♈44	26° 3	3°22	24° 7	25°37	1°57	4°38	20°34	3°42	28°27	26°54	1°56	17° 3	T 19
W20	23 54 51	26°53'34	29°51	27°53	2°47	24°45	25°36	2° 4	4°41	20°36	3°41	28°19	26°51	2° 2	17° 2	W20
T 21	23 58 47	27°52'07	14♉39	29°43	2°11	25°24	25°34	2°10	4°45	20°37	3°41	28°11	26°48	2° 9	17° 0	T 21
F 22	0 2 44	28°50'41	29° 0	1♎31	1°35	26° 2	25°33	2°17	4°48	20°39	3°41	28° 6	26°44	2°16	16°58	F 22
S 23	0 6 40	29°49'18	12♊53	3°19	0°58	26°41	25°31	2°23	4°52	20°41	3°40	28° 2	26°41	2°22	16°57	S 23
S 24	0 10 37	0♎47'57	26°17	5° 6	0°21	27°19	25°30	2°30	4°55	20°42	3°40	28°D 1	26°38	2°29	16°55	S 24
M25	0 14 34	1°46'38	9♋15	6°51	29♍44	27°58	25°28	2°36	4°59	20°44	3°39	28° 1	26°35	2°36	16°53	M25
T 26	0 18 30	2°45'22	21°52	8°36	29° 7	28°37	25°25	2°43	5° 2	20°45	3°39	28°R 2	26°32	2°43	16°51	T 26
W27	0 22 27	3°44'07	4♌12	10°19	28°31	29°15	25°23	2°49	5° 6	20°47	3°39	28° 2	26°28	2°49	16°49	W27
T 28	0 26 23	4°42'55	16°19	12° 2	27°56	29°54	25°20	2°56	5° 9	20°49	3°38	28° 0	26°25	2°56	16°47	T 28
F 29	0 30 20	5°41'45	28°17	13°44	27°21	0♎32	25°18	3° 3	5°12	20°50	3°37	27°56	26°22	3° 3	16°45	F 29
S 30	0 34 16	6♎40'37	10♍11	15♎25	26♍48	1♎11	25♉15	3♏ 9	5♍16	20♏52	3♊37	27♋49	26♋19	3♎ 9	16♉43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
F 1	8n24	16n42	1n44	14n52	0n56	9s14	6s26	7n48	1n 3	17n56	1s11	9s22	2n18	10n53	0n43	16s 7	1n43	7n53	13s13	20n11	20n35	4n12	15n24	1s40
S 2	8 2	13 34	2 42	14 28	1 6	9 25	6 37	7 33	1 3	17 57	1 11	9 24	2 18	10 51	0 43	16 8	1 43	7 53	13 14	20 12	20 35	4 10	15 24	1 41
S 3	7 40	9 54	3 33	14 2	1 14	9 35	6 47	7 18	1 2	17 57	1 11	9 27	2 18	10 50	0 43	16 8	1 43	7 52	13 14	20 13	20 36	4 8	15 23	1 41
M 4	7 18	5 53	4 15	13 32	1 22	9 43	6 57	7 3	1 2	17 58	1 11	9 29	2 18	10 49	0 43	16 8	1 43	7 52	13 14	20 15	20 36	4 6	15 23	1 41
T 5	6 56	1 39	4 45	13 1	1 28	9 51	7 7	6 48	1 2	17 58	1 11	9 31	2 18	10 47	0 43	16 9	1 43	7 52	13 14	20 17	20 37	4 3	15 23	1 41
W 6	6 34	2s39	5 3	12 27	1 34	9 57	7 17	6 33	1 2	17 58	1 11	9 33	2 17	10 46	0 43	16 9	1 43	7 52	13 15	20 18	20 38	4 1	15 22	1 41
T 7	6 12	6 52	5 8	11 50	1 38	10 2	7 26	6 18	1 1	17 59	1 11	9 35	2 17	10 45	0 43	16 9	1 43	7 51	13 15	20 20	20 38	3 59	15 22	1 41
F 8	5 49	10 51	4 59	11 12	1 42	10 5	7 35	6 2	1 1	17 59	1 12	9 37	2 17	10 43	0 43	16 10	1 43	7 51	13 15	20 21	20 39	3 56	15 21	1 42
S 9	5 27	14 27	4 37	10 33	1 45	10 8	7 44	5 47	1 1	17 59	1 12	9 39	2 17	10 42	0 43	16 10	1 43	7 51	13 15	20 22	20 40	3 54	15 21	1 42
S 10	5 4	17 29	4 2	9 51	1 46	10 9	7 52	5 32	1 1	17 59	1 12	9 41	2 17	10 41	0 43	16 11	1 43	7 51	13 16	20 22	20 40	3 52	15 21	1 42
M11	4 41	19 47	3 15	9 9	1 48	10 8	8 0	5 17	1 0	17 59	1 12	9 44	2 17	10 39	0 43	16 11	1 43	7 50	13 16	20 23	20 41	3 50	15 20	1 42
T 12	4 18	21 7	2 16	8 25	1 48	10 7	8 7	5 2	1 0	17 59	1 12	9 46	2 16	10 38	0 43	16 11	1 43	7 50	13 16	20 22	20 41	3 47	15 20	1 42
W13	3 56	21 19	1 8	7 40	1 47	10 4	8 14	4 46	1 0	17 59	1 12	9 48	2 16	10 37	0 43	16 12	1 43	7 50	13 16	20 22	20 42	3 45	15 19	1 42
T 14	3 33	20 14	0s 6	6 54	1 46	9 59	8 19	4 31	1 0	17 59	1 13	9 50	2 16	10 35	0 43	16 12	1 43	7 49	13 17	20 22	20 43	3 43	15 19	1 43
F 15	3 10	17 50	1 22	6 8	1 45	9 53	8 25	4 16	0 59	17 59	1 13	9 52	2 16	10 34	0 43	16 13	1 42	7 49	13 17	20 22	20 43	3 40	15 18	1 43
S 16	2 47	14 13	2 34	5 21	1 42	9 45	8 29	4 0	0 59	17 59	1 13	9 55	2 16	10 33	0 43	16 13	1 42	7 49	13 17	20 23	20 44	3 38	15 17	1 43
S 17	2 24	9 35	3 38	4 34	1 40	9 37	8 33	3 45	0 59	17 58	1 13	9 57	2 16	10 31	0 43	16 13	1 42	7 49	13 17	20 24	20 44	3 36	15 17	1 43
M18	2 0	4 18	4 27	3 47	1 36	9 26	8 36	3 29	0 59	17 58	1 13	9 59	2 16	10 30	0 43	16 14	1 42	7 48	13 18	20 26	20 45	3 33	15 16	1 43
T 19	1 37	1n15	4 56	2 59	1 33	9 15	8 38	3 14	0 58	17 58	1 13	10 1	2 15	10 29	0 43	16 14	1 42	7 48	13 18	20 27	20 46	3 31	15 16	1 44
W20	1 14	6 39	5 5	2 12	1 29	9 2	8 39	2 58	0 58	17 57	1 13	10 4	2 15	10 27	0 43	16 15	1 42	7 48	13 18	20 29	20 46	3 29	15 15	1 44
T 21	0 51	11 34	4 52	1 24	1 24	8 48	8 39	2 43	0 58	17 57	1 14	10 6	2 15	10 26	0 43	16 15	1 42	7 48	13 18	20 30	20 47	3 26	15 14	1 44
F 22	0 28	15 40	4 22	0 36	1 19	8 33	8 38	2 27	0 57	17 56	1 14	10 8	2 15	10 25	0 43	16 16	1 42	7 47	13 18	20 32	20 48	3 24	15 14	1 44
S 23	0 4	18 45	3 37	0s11	1 14	8 16	8 36	2 12	0 57	17 56	1 14	10 11	2 15	10 24	0 43	16 16	1 42	7 47	13 19	20 32	20 48	3 22	15 13	1 44
S 24	0s19	20 41	2 41	0 58	1 9	7 59	8 34	1 56	0 57	17 55	1 14	10 13	2 15	10 22	0 43	16 16	1 42	7 47	13 19	20 33	20 49	3 19	15 12	1 44
M25	0 42	21 28	1 38	1 45	1 3	7 41	8 30	1 40	0 57	17 55	1 14	10 15	2 15	10 21	0 43	16 17	1 42	7 46	13 19	20 33	20 49	3 17	15 12	1 45
T 26	1 6	21 6	0 33	2 32	0 57	7 23	8 25	1 25	0 56	17 54	1 14	10 18	2 15	10 20	0 43	16 17	1 42	7 46	13 19	20 32	20 50	3 15	15 11	1 45
W27	1 29	19 44	0n33	3 18	0 51	7 3	8 20	1 9	0 56	17 53	1 14	10 20	2 14	10 19	0 44	16 18	1 42	7 46	13 20	20 32	20 51	3 12	15 10	1 45
T 28	1 52	17 27	1 36	4 4	0 45	6 43	8 14	0 54	0 56	17 53	1 14	10 22	2 14	10 17	0 44	16 18	1 42	7 45	13 20	20 33	20 51	3 10	15 10	1 45
F 29	2 16	14 28	2 34	4 49	0 38	6 23	8 7	0 38	0 55	17 52	1 15	10 25	2 14	10 16	0 44	16 19	1 42	7 45	13 20	20 34	20 52	3 8	15 9	1 45
S 30	2s39	10n54	3n24	5s34	0n32	6s 3	7s59	0n22	0n55	17n51	1s15	10s27	2n14	10n15	0n44	16s19	1n42	7n45	13s20	20n35	20n52	3n 5	15n 8	1s45

Julian Day Number = 2499269.5, Delta T = 109.35 sec
Ecliptic obliquity = 23°25'16, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°33'58, Lahiri = 25°40'58

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ASTRODIENST EPHEMERIS for the year 2130
geocentric

OCTOBER 2130 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 13	7♎39'32	22♍ 2	17♎ 5	26°R16	1♎50	25°R12	3♏16	5♍19	20♏54	3°R36	27°R39	26♋16	3♎16	16°R41	S 1
M 2	0 42 9	8°38'28	3♎52	18°44	25♍46	2°28	25♉ 8	3°23	5°22	20°56	3♊36	27♋28	26°13	3°23	16♉39	M 2
T 3	0 46 6	9°37'26	15°45	20°22	25°17	3° 7	25° 5	3°30	5°26	20°57	3°35	27°14	26° 9	3°29	16°37	T 3
W 4	0 50 3	10°36'26	27°40	21°59	24°50	3°46	25° 1	3°36	5°29	20°59	3°35	27° 1	26° 6	3°36	16°34	W 4
T 5	0 53 59	11°35'29	9♏39	23°35	24°26	4°25	24°57	3°43	5°32	21° 1	3°34	26°48	26° 3	3°43	16°32	T 5
F 6	0 57 56	12°34'33	21°44	25°11	24° 3	5° 3	24°53	3°50	5°35	21° 3	3°33	26°37	26° 0	3°50	16°30	F 6
S 7	1 1 52	13°33'39	3♐56	26°46	23°43	5°42	24°48	3°57	5°38	21° 5	3°33	26°28	25°57	3°56	16°27	S 7
S 8	1 5 49	14°32'47	16°20	28°20	23°25	6°21	24°44	4° 4	5°42	21° 7	3°32	26°23	25°54	4° 3	16°25	S 8
M 9	1 9 45	15°31'57	28°57	29°53	23° 9	7° 0	24°39	4°11	5°45	21° 8	3°31	26°20	25°50	4°10	16°23	M 9
T 10	1 13 42	16°31'09	11♑52	1♏25	22°55	7°39	24°35	4°18	5°48	21°10	3°31	26°19	25°47	4°16	16°20	T 10
W11	1 17 38	17°30'22	25° 8	2°57	22°45	8°18	24°30	4°25	5°51	21°12	3°30	26°19	25°44	4°23	16°18	W11
T 12	1 21 35	18°29'37	8♒49	4°28	22°36	8°57	24°24	4°32	5°54	21°14	3°29	26°18	25°41	4°30	16°15	T 12
F 13	1 25 32	19°28'54	22°57	5°58	22°30	9°36	24°19	4°39	5°57	21°16	3°28	26°17	25°38	4°37	16°12	F 13
S 14	1 29 28	20°28'12	7♓31	7°27	22°26	10°14	24°14	4°46	6° 0	21°18	3°28	26°12	25°34	4°43	16°10	S 14
S 15	1 33 25	21°27'32	22°27	8°55	22°D25	10°53	24° 8	4°53	6° 3	21°20	3°27	26° 5	25°31	4°50	16° 7	S 15
M16	1 37 21	22°26'55	7♈39	10°23	22°26	11°32	24° 2	5° 1	6° 6	21°22	3°26	25°56	25°28	4°57	16° 5	M16
T 17	1 41 18	23°26'19	22°57	11°50	22°30	12°11	23°56	5° 8	6° 8	21°24	3°25	25°45	25°25	5° 3	16° 2	T 17
W18	1 45 14	24°25'45	8♉ 9	13°16	22°36	12°50	23°50	5°15	6°11	21°26	3°24	25°33	25°22	5°10	15°59	W18
T 19	1 49 11	25°25'13	23° 4	14°42	22°44	13°29	23°44	5°22	6°14	21°28	3°24	25°23	25°19	5°17	15°56	T 19
F 20	1 53 7	26°24'44	7♊34	16° 6	22°54	14° 9	23°37	5°29	6°17	21°30	3°23	25°15	25°15	5°24	15°54	F 20
S 21	1 57 4	27°24'16	21°36	17°30	23° 7	14°48	23°31	5°36	6°19	21°32	3°22	25° 9	25°12	5°30	15°51	S 21
S 22	2 1 1	28°23'51	5♋ 7	18°52	23°21	15°27	23°24	5°44	6°22	21°35	3°21	25° 6	25° 9	5°37	15°48	S 22
M23	2 4 57	29°23'29	18°10	20°14	23°38	16° 6	23°17	5°51	6°25	21°37	3°20	25° 5	25° 6	5°44	15°45	M23
T 24	2 8 54	0♏23'08	0♌48	21°35	23°57	16°45	23°11	5°58	6°27	21°39	3°19	25° 5	25° 3	5°50	15°42	T 24
W25	2 12 50	1°22'50	13° 7	22°55	24°17	17°24	23° 4	6° 5	6°30	21°41	3°18	25° 5	25° 0	5°57	15°39	W25
T 26	2 16 47	2°22'34	25°12	24°13	24°40	18° 3	22°56	6°12	6°32	21°43	3°17	25° 3	24°56	6° 4	15°37	T 26
F 27	2 20 43	3°22'21	7♍ 7	25°31	25° 4	18°43	22°49	6°20	6°35	21°45	3°16	24°59	24°53	6°11	15°34	F 27
S 28	2 24 40	4°22'09	18°58	26°47	25°30	19°22	22°42	6°27	6°37	21°47	3°15	24°52	24°50	6°17	15°31	S 28
S 29	2 28 36	5°21'59	0♎48	28° 1	25°58	20° 1	22°34	6°34	6°40	21°50	3°14	24°42	24°47	6°24	15°28	S 29
M30	2 32 33	6°21'52	12°40	29°14	26°27	20°40	22°27	6°41	6°42	21°52	3°13	24°30	24°44	6°31	15°25	M30
T 31	2 36 29	7♏21'47	24♎36	0♐25	26♍58	21♎20	22♉19	6♏49	6♍44	21♏54	3♊12	24♋16	24♋40	6♎37	15♉22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 2	6n55	4n 5	6s19	0n25	5s42	7s50	0n 7	0n55	17n50	1s15	10s30	2n14	10n14	0n44	16s20	1n42	7n45	13s20	20n37	20n53	3n 3	15n 7	1s45
M 2	3 25	2 41	4 36	7 3	0 18	5 22	7 41	0s 9	0 55	17 49	1 15	10 32	2 14	10 13	0 44	16 20	1 42	7 44	13 21	20 39	20 54	3 1	15 7	1 46
T 3	3 49	1s39	4 55	7 46	0 11	5 1	7 31	0 25	0 54	17 48	1 15	10 34	2 14	10 11	0 44	16 21	1 42	7 44	13 21	20 42	20 54	2 58	15 6	1 46
W 4	4 12	5 57	5 1	8 29	0 4	4 41	7 20	0 40	0 54	17 47	1 15	10 37	2 14	10 10	0 44	16 21	1 42	7 44	13 21	20 44	20 55	2 56	15 5	1 46
T 5	4 35	10 3	4 53	9 12	0s 3	4 21	7 9	0 56	0 54	17 46	1 15	10 39	2 14	10 9	0 44	16 22	1 42	7 43	13 21	20 47	20 55	2 54	15 4	1 46
F 6	4 58	13 47	4 33	9 53	0 10	4 2	6 57	1 12	0 53	17 45	1 15	10 42	2 14	10 8	0 44	16 22	1 42	7 43	13 21	20 49	20 56	2 51	15 4	1 46
S 7	5 21	17 0	4 0	10 34	0 17	3 43	6 46	1 27	0 53	17 44	1 15	10 44	2 13	10 7	0 44	16 23	1 42	7 43	13 22	20 51	20 57	2 49	15 3	1 46
S 8	5 44	19 30	3 15	11 15	0 24	3 24	6 33	1 43	0 53	17 43	1 16	10 46	2 13	10 6	0 44	16 23	1 42	7 43	13 22	20 52	20 57	2 47	15 2	1 47
M 9	6 7	21 6	2 19	11 54	0 31	3 7	6 21	1 59	0 52	17 42	1 16	10 49	2 13	10 5	0 44	16 24	1 41	7 42	13 22	20 52	20 58	2 44	15 1	1 47
T 10	6 29	21 38	1 16	12 33	0 38	2 50	6 8	2 14	0 52	17 40	1 16	10 51	2 13	10 3	0 44	16 24	1 41	7 42	13 22	20 52	20 58	2 42	15 0	1 47
W11	6 52	20 59	0 6	13 12	0 45	2 33	5 55	2 30	0 52	17 39	1 16	10 54	2 13	10 2	0 44	16 25	1 41	7 42	13 22	20 52	20 59	2 40	14 59	1 47
T 12	7 15	19 6	1s 6	13 49	0 52	2 18	5 42	2 45	0 51	17 38	1 16	10 56	2 13	10 1	0 44	16 25	1 41	7 41	13 22	20 52	20 59	2 37	14 59	1 47
F 13	7 37	16 0	2 16	14 26	0 59	2 3	5 28	3 1	0 51	17 36	1 16	10 58	2 13	10 0	0 44	16 26	1 41	7 41	13 23	20 53	21 0	2 35	14 58	1 47
S 14	7 59	11 49	3 19	15 2	1 6	1 50	5 15	3 17	0 51	17 35	1 16	11 1	2 13	9 59	0 44	16 27	1 41	7 41	13 23	20 54	21 1	2 32	14 57	1 47
S 15	8 22	6 50	4 11	15 37	1 13	1 37	5 2	3 32	0 50	17 34	1 16	11 3	2 13	9 58	0 44	16 27	1 41	7 40	13 23	20 55	21 1	2 30	14 56	1 48
M16	8 44	1 20	4 45	16 11	1 20	1 25	4 48	3 48	0 50	17 32	1 16	11 6	2 13	9 57	0 44	16 28	1 41	7 40	13 23	20 57	21 2	2 28	14 55	1 48
T 17	9 6	4n16	5 0	16 45	1 26	1 14	4 35	4 3	0 50	17 31	1 16	11 8	2 13	9 56	0 44	16 28	1 41	7 40	13 23	20 59	21 2	2 25	14 54	1 48
W18	9 28	9 35	4 53	17 17	1 33	1 4	4 22	4 19	0 49	17 29	1 16	11 10	2 13	9 55	0 44	16 29	1 41	7 40	13 23	21 1	21 3	2 23	14 53	1 48
T 19	9 49	14 14	4 26	17 49	1 39	0 56	4 9	4 34	0 49	17 27	1 16	11 13	2 13	9 54	0 44	16 29	1 41	7 39	13 24	21 3	21 4	2 21	14 52	1 48
F 20	10 11	17 54	3 43	18 20	1 46	0 48	3 56	4 50	0 49	17 26	1 16	11 15	2 13	9 53	0 44	16 30	1 41	7 39	13 24	21 4	21 4	2 18	14 51	1 48
S 21	10 33	20 23	2 47	18 50	1 52	0 41	3 43	5 5	0 48	17 24	1 16	11 18	2 13	9 52	0 44	16 30	1 41	7 39	13 24	21 5	21 5	2 16	14 50	1 48
S 22	10 54	21 36	1 44	19 19	1 58	0 35	3 30	5 20	0 48	17 23	1 16	11 20	2 13	9 51	0 44	16 31	1 41	7 38	13 24	21 6	21 5	2 14	14 50	1 48
M23	11 15	21 35	0 37	19 46	2 4	0 30	3 17	5 36	0 47	17 21	1 16	11 22	2 13	9 50	0 44	16 32	1 41	7 38	13 24	21 6	21 6	2 11	14 49	1 49
T 24	11 36	20 27	0n30	20 13	2 9	0 26	3 5	5 51	0 47	17 19	1 17	11 25	2 13	9 49	0 44	16 32	1 41	7 38	13 24	21 6	21 6	2 9	14 48	1 49
W25	11 57	18 22	1 34	20 39	2 14	0 23	2 53	6 7	0 47	17 17	1 17	11 27	2 12	9 48	0 44	16 33	1 41	7 38	13 24	21 6	21 7	2 6	14 47	1 49
T 26	12 17	15 30	2 32	21 4	2 19	0 21	2 41	6 22	0 46	17 16	1 17	11 30	2 12	9 47	0 44	16 33	1 41	7 37	13 24	21 6	21 8	2 4	14 46	1 49
F 27	12 38	12 1	3 23	21 27	2 24	0 19	2 29	6 37	0 46	17 14	1 17	11 32	2 12	9 47	0 44	16 34	1 41	7 37	13 25	21 7	21 8	2 2	14 45	1 49
S 28	12 58	8 6	4 4	21 50	2 29	0 19	2 18	6 52	0 46	17 12	1 17	11 34	2 12	9 46	0 44	16 34	1 41	7 37	13 25	21 8	21 9	1 59	14 44	1 49
S 29	13 18	3 53	4 35	22 11	2 33	0 20	2 6	7 7	0 45	17 10	1 17	11 37	2 12	9 45	0 44	16 35	1 41	7 36	13 25	21 10	21 9	1 57	14 43	1 49
M30	13 38	0s29	4 54	22 31	2 37	0 21	1 55	7 23	0 45	17 8	1 17	11 39	2 12	9 44	0 44	16 36	1 41	7 36	13 25	21 12	21 10	1 54	14 42	1 49
T 31	13s57	4s52	5n 0	22s50	2s40	0s24	1s44	7s38	0n44	17n 6	1s17	11s42	2n12	9n43	0n45	16s36	1n41	7n36	13s25	21n15	21n10	1n52	14n41	1s49

Julian Day Number = 2499299.5, Delta T = 109.40 sec
Ecliptic obliquity = 23°25'17, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°34'02, Lahiri = 25°41'02

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ASTRODIENST EPHEMERIS for the year 2130
geocentric

NOVEMBER 2130 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 40 26	8♏21'43	6♏38	1♐35	27♍31	21♎59	22°R12	6♏56	6♍47	21♏56	3°R11	24°R 2	24♋37	6♎44	15°R19	W 1
T 2	2 44 23	9°21'42	18°47	2°42	28° 5	22°39	22♉ 4	7° 3	6°49	21°58	3♊10	23♋48	24°34	6°51	15♉16	T 2
F 3	2 48 19	10°21'43	1♐ 3	3°47	28°40	23°18	21°56	7°10	6°51	22° 1	3° 9	23°37	24°31	6°58	15°13	F 3
S 4	2 52 16	11°21'45	13°27	4°50	29°17	23°57	21°48	7°18	6°53	22° 3	3° 8	23°28	24°28	7° 4	15°10	S 4
S 5	2 56 12	12°21'49	26° 1	5°49	29°55	24°37	21°40	7°25	6°55	22° 5	3° 7	23°22	24°25	7°11	15° 7	S 5
M 6	3 0 9	13°21'55	8♑47	6°46	0♎34	25°16	21°32	7°32	6°57	22° 7	3° 6	23°19	24°21	7°18	15° 4	M 6
T 7	3 4 5	14°22'02	21°47	7°38	1°14	25°56	21°24	7°39	6°59	22° 9	3° 5	23°D18	24°18	7°24	15° 1	T 7
W 8	3 8 2	15°22'11	5♒ 3	8°27	1°56	26°35	21°16	7°46	7° 1	22°12	3° 4	23°18	24°15	7°31	14°58	W 8
T 9	3 11 59	16°22'22	18°38	9°11	2°38	27°15	21° 8	7°54	7° 3	22°14	3° 3	23°R18	24°12	7°38	14°55	T 9
F 10	3 15 55	17°22'34	2♓34	9°51	3°22	27°54	21° 0	8° 1	7° 5	22°16	3° 2	23°17	24° 9	7°45	14°52	F 10
S 11	3 19 52	18°22'47	16°52	10°24	4° 7	28°34	20°51	8° 8	7° 6	22°18	3° 1	23°14	24° 5	7°51	14°49	S 11
S 12	3 23 48	19°23'01	1♈28	10°52	4°52	29°14	20°43	8°15	7° 8	22°21	3° 0	23° 9	24° 2	7°58	14°46	S 12
M13	3 27 45	20°23'18	16°20	11°13	5°39	29°53	20°35	8°22	7°10	22°23	2°59	23° 1	23°59	8° 5	14°43	M13
T 14	3 31 41	21°23'35	1♉20	11°26	6°27	0♏33	20°27	8°29	7°12	22°25	2°58	22°52	23°56	8°12	14°40	T 14
W15	3 35 38	22°23'55	16°17	11°R31	7°15	1°12	20°19	8°37	7°13	22°27	2°57	22°42	23°53	8°18	14°37	W15
T 16	3 39 34	23°24'16	1♊ 4	11°26	8° 5	1°52	20°11	8°44	7°15	22°30	2°55	22°33	23°50	8°25	14°34	T 16
F 17	3 43 31	24°24'39	15°32	11°13	8°55	2°32	20° 3	8°51	7°16	22°32	2°54	22°26	23°46	8°32	14°31	F 17
S 18	3 47 27	25°25'03	29°35	10°49	9°46	3°12	19°54	8°58	7°18	22°34	2°53	22°21	23°43	8°38	14°28	S 18
S 19	3 51 24	26°25'30	13♋10	10°15	10°38	3°51	19°46	9° 5	7°19	22°36	2°52	22°19	23°40	8°45	14°25	S 19
M20	3 55 21	27°25'58	26°18	9°30	11°30	4°31	19°38	9°12	7°20	22°39	2°51	22°D18	23°37	8°52	14°22	M20
T 21	3 59 17	28°26'28	9♌ 2	8°36	12°23	5°11	19°30	9°19	7°21	22°41	2°50	22°19	23°34	8°59	14°19	T 21
W22	4 3 14	29°26'59	21°25	7°33	13°17	5°51	19°22	9°26	7°23	22°43	2°49	22°20	23°31	9° 5	14°16	W22
T 23	4 7 10	0♐27'33	3♍32	6°21	14°12	6°31	19°14	9°33	7°24	22°45	2°48	22°R21	23°27	9°12	14°13	T 23
F 24	4 11 7	1°28'08	15°29	5° 4	15° 7	7°11	19° 7	9°40	7°25	22°48	2°46	22°19	23°24	9°19	14°10	F 24
S 25	4 15 3	2°28'45	27°21	3°43	16° 3	7°51	18°59	9°47	7°26	22°50	2°45	22°16	23°21	9°25	14° 8	S 25
S 26	4 19 0	3°29'23	9♎12	2°22	17° 0	8°31	18°51	9°53	7°27	22°52	2°44	22°10	23°18	9°32	14° 5	S 26
M27	4 22 56	4°30'03	21° 6	1° 1	17°57	9°11	18°44	10° 0	7°28	22°54	2°43	22° 3	23°15	9°39	14° 2	M27
T 28	4 26 53	5°30'45	3♏ 6	29♏46	18°54	9°51	18°36	10° 7	7°29	22°56	2°42	21°54	23°11	9°46	13°59	T 28
W29	4 30 50	6°31'28	15°16	28°37	19°52	10°31	18°29	10°14	7°30	22°59	2°41	21°45	23° 8	9°52	13°56	W29
T 30	4 34 46	7♐32'13	27♏35	27♏36	20♎51	11♏11	18♉21	10♏21	7♍30	23♏ 1	2♊40	21♋36	23♋ 5	9♎59	13♉54	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s17	9s 6	4n53	23s 8	2s43	0s27	1s34	7s53	0n44	17n 4	1s16	11s44	2n12	9n42	0n45	16s37	1n41	7n36	13s25	21n17	21n11	1n50	14n40	1s50
T 2	14 36	13 1	4 33	23 24	2 46	0 31	1 23	8 8	0 44	17 2	1 16	11 46	2 12	9 42	0 45	16 37	1 41	7 35	13 25	21 20	21 12	1 47	14 39	1 50
F 3	14 55	16 27	3 59	23 38	2 48	0 35	1 13	8 23	0 43	17 0	1 16	11 49	2 12	9 41	0 45	16 38	1 41	7 35	13 25	21 22	21 12	1 45	14 38	1 50
S 4	15 14	19 11	3 14	23 52	2 50	0 41	1 3	8 37	0 43	16 58	1 16	11 51	2 12	9 40	0 45	16 38	1 41	7 35	13 25	21 23	21 13	1 42	14 37	1 50
S 5	15 32	21 2	2 19	24 3	2 51	0 47	0 53	8 52	0 42	16 56	1 16	11 53	2 12	9 39	0 45	16 39	1 41	7 35	13 25	21 24	21 13	1 40	14 36	1 50
M 6	15 50	21 52	1 16	24 14	2 51	0 54	0 44	9 7	0 42	16 54	1 16	11 56	2 12	9 39	0 45	16 40	1 41	7 34	13 25	21 25	21 14	1 38	14 35	1 50
T 7	16 8	21 32	0 8	24 22	2 50	1 1	0 35	9 22	0 42	16 52	1 16	11 58	2 12	9 38	0 45	16 40	1 41	7 34	13 25	21 25	21 14	1 35	14 34	1 50
W 8	16 26	20 0	1s 2	24 29	2 49	1 10	0 26	9 36	0 41	16 50	1 16	12 0	2 12	9 37	0 45	16 41	1 41	7 34	13 26	21 25	21 15	1 33	14 33	1 50
T 9	16 43	17 18	2 10	24 34	2 47	1 19	0 17	9 51	0 41	16 48	1 16	12 3	2 12	9 37	0 45	16 41	1 41	7 34	13 26	21 25	21 15	1 30	14 32	1 50
F 10	17 0	13 33	3 13	24 37	2 44	1 28	0 9	10 6	0 40	16 46	1 16	12 5	2 12	9 36	0 45	16 42	1 41	7 33	13 26	21 25	21 16	1 28	14 31	1 50
S 11	17 17	8 57	4 5	24 38	2 40	1 38	0 0	10 20	0 40	16 44	1 16	12 7	2 12	9 35	0 45	16 42	1 41	7 33	13 26	21 25	21 17	1 26	14 30	1 50
S 12	17 34	3 44	4 42	24 37	2 35	1 49	0n 8	10 35	0 39	16 42	1 16	12 9	2 12	9 35	0 45	16 43	1 41	7 33	13 26	21 26	21 17	1 23	14 30	1 51
M13	17 50	1n47	5 1	24 34	2 29	2 0	0 16	10 49	0 39	16 40	1 16	12 12	2 12	9 34	0 45	16 44	1 41	7 33	13 26	21 28	21 18	1 21	14 29	1 51
T 14	18 6	7 14	5 0	24 28	2 22	2 12	0 23	11 3	0 39	16 38	1 16	12 14	2 13	9 34	0 45	16 44	1 41	7 32	13 26	21 29	21 18	1 18	14 28	1 51
W15	18 21	12 15	4 39	24 20	2 13	2 25	0 31	11 17	0 38	16 36	1 16	12 16	2 13	9 33	0 45	16 45	1 41	7 32	13 26	21 31	21 19	1 16	14 27	1 51
T 16	18 37	16 28	3 58	24 9	2 2	2 37	0 38	11 31	0 38	16 34	1 15	12 18	2 13	9 33	0 45	16 45	1 41	7 32	13 26	21 32	21 19	1 14	14 26	1 51
F 17	18 52	19 36	3 3	23 56	1 50	2 51	0 45	11 46	0 37	16 32	1 15	12 20	2 13	9 32	0 45	16 46	1 41	7 32	13 26	21 33	21 20	1 11	14 25	1 51
S 18	19 6	21 27	1 59	23 39	1 37	3 5	0 51	11 59	0 37	16 30	1 15	12 23	2 13	9 32	0 45	16 46	1 41	7 32	13 26	21 34	21 20	1 9	14 24	1 51
S 19	19 20	21 58	0 49	23 19	1 22	3 19	0 58	12 13	0 36	16 28	1 15	12 25	2 13	9 31	0 45	16 47	1 41	7 31	13 26	21 35	21 21	1 6	14 23	1 51
M20	19 34	21 14	0n21	22 56	1 5	3 34	1 4	12 27	0 36	16 26	1 15	12 27	2 13	9 31	0 45	16 48	1 41	7 31	13 26	21 35	21 22	1 4	14 22	1 51
T 21	19 48	19 25	1 29	22 30	0 47	3 49	1 10	12 41	0 35	16 24	1 15	12 29	2 13	9 30	0 45	16 48	1 41	7 31	13 26	21 34	21 22	1 1	14 21	1 51
W22	20 1	16 43	2 30	22 1	0 28	4 5	1 16	12 55	0 35	16 22	1 15	12 31	2 13	9 30	0 45	16 49	1 41	7 31	13 26	21 34	21 23	0 59	14 20	1 51
T 23	20 14	13 21	3 23	21 29	0 8	4 20	1 22	13 8	0 35	16 20	1 14	12 33	2 13	9 29	0 45	16 49	1 41	7 31	13 26	21 34	21 23	0 57	14 19	1 51
F 24	20 26	9 30	4 6	20 55	0n13	4 37	1 27	13 22	0 34	16 18	1 14	12 36	2 13	9 29	0 46	16 50	1 41	7 30	13 26	21 34	21 24	0 54	14 18	1 51
S 25	20 38	5 19	4 39	20 20	0 33	4 53	1 32	13 35	0 34	16 16	1 14	12 38	2 13	9 29	0 46	16 50	1 41	7 30	13 26	21 35	21 24	0 52	14 18	1 51
S 26	20 50	0 57	4 59	19 45	0 53	5 10	1 37	13 48	0 33	16 14	1 14	12 40	2 13	9 28	0 46	16 51	1 41	7 30	13 26	21 36	21 25	0 49	14 17	1 51
M27	21 1	3s29	5 7	19 10	1 12	5 28	1 42	14 2	0 33	16 12	1 14	12 42	2 13	9 28	0 46	16 51	1 41	7 30	13 26	21 37	21 25	0 47	14 16	1 51
T 28	21 12	7 49	5 1	18 37	1 30	5 45	1 47	14 15	0 32	16 10	1 14	12 44	2 13	9 28	0 46	16 52	1 41	7 30	13 26	21 38	21 26	0 44	14 15	1 52
W29	21 23	11 54	4 42	18 7	1 46	6 3	1 51	14 28	0 32	16 8	1 13	12 46	2 13	9 28	0 46	16 53	1 41	7 30	13 26	21 40	21 26	0 42	14 14	1 52
T 30	21s33	15s33	4n 9	17s40	2n 0	6s21	1n55	14s41	0n31	16n 6	1s13	12s48	2n13	9n27	0n46	16s53	1n41	7n30	13s26	21n41	21n27	0n40	14n13	1s52

Julian Day Number = 2499330.5, Delta T = 109.45 sec
Ecliptic obliquity = 23°25'17, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°34'06, Lahiri = 25°41'07

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2130
geocentric

DECEMBER 2130 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 38 43	8♐32'59	10♐ 6	26°R46	21♎50	11♏51	18°R14	10♏27	7♍31	23♏ 3	2°R39	21°R29	23♋ 2	10♎ 6	13°R51	F 1
S 2	4 42 39	9°33'46	22°48	26♏ 7	22°50	12°31	18♑ 7	10°34	7°32	23° 5	2♊37	21♋24	22°59	10°12	13♑48	S 2
S 3	4 46 36	10°34'35	5♑42	25°40	23°50	13°11	18° 0	10°41	7°32	23° 7	2°36	21°20	22°56	10°19	13°46	S 3
M 4	4 50 32	11°35'25	18°47	25°24	24°50	13°51	17°53	10°47	7°33	23°10	2°35	21°D19	22°52	10°26	13°43	M 4
T 5	4 54 29	12°36'15	2♒ 3	25°D19	25°51	14°32	17°46	10°54	7°33	23°12	2°34	21°19	22°49	10°33	13°41	T 5
W 6	4 58 26	13°37'07	15°32	25°25	26°53	15°12	17°40	11° 0	7°34	23°14	2°33	21°21	22°46	10°39	13°38	W 6
T 7	5 2 22	14°37'59	29°14	25°41	27°54	15°52	17°33	11° 7	7°34	23°16	2°32	21°22	22°43	10°46	13°36	T 7
F 8	5 6 19	15°38'52	13♓ 8	26° 5	28°56	16°32	17°27	11°13	7°35	23°18	2°31	21°R23	22°40	10°53	13°33	F 8
S 9	5 10 15	16°39'46	27°15	26°38	29°59	17°13	17°21	11°19	7°35	23°20	2°30	21°23	22°37	11° 0	13°31	S 9
S 10	5 14 12	17°40'40	11♈34	27°18	1♏ 2	17°53	17°15	11°26	7°35	23°22	2°29	21°21	22°33	11° 6	13°28	S 10
M11	5 18 8	18°41'36	26° 1	28° 4	2° 5	18°33	17° 9	11°32	7°35	23°24	2°27	21°17	22°30	11°13	13°26	M11
T 12	5 22 5	19°42'31	10♉32	28°56	3° 9	19°14	17° 3	11°38	7°35	23°27	2°26	21°13	22°27	11°20	13°24	T 12
W13	5 26 1	20°43'28	25° 2	29°53	4°12	19°54	16°58	11°44	7°R35	23°29	2°25	21° 8	22°24	11°26	13°21	W13
T 14	5 29 58	21°44'25	9♊25	0♐54	5°17	20°35	16°52	11°51	7°35	23°31	2°24	21° 3	22°21	11°33	13°19	T 14
F 15	5 33 55	22°45'24	23°34	1°59	6°21	21°15	16°47	11°57	7°35	23°33	2°23	21° 0	22°17	11°40	13°17	F 15
S 16	5 37 51	23°46'23	7♋24	3° 8	7°26	21°55	16°42	12° 3	7°35	23°35	2°22	20°58	22°14	11°47	13°15	S 16
S 17	5 41 48	24°47'23	20°54	4°19	8°31	22°36	16°37	12° 9	7°35	23°37	2°21	20°D57	22°11	11°53	13°13	S 17
M18	5 45 44	25°48'23	4♌ 1	5°33	9°36	23°17	16°32	12°15	7°35	23°39	2°20	20°58	22° 8	12° 0	13°11	M18
T 19	5 49 41	26°49'25	16°47	6°49	10°42	23°57	16°28	12°20	7°34	23°41	2°19	20°59	22° 5	12° 7	13° 9	T 19
W20	5 53 37	27°50'27	29°13	8° 6	11°48	24°38	16°23	12°26	7°34	23°43	2°18	21° 1	22° 2	12°13	13° 7	W20
T 21	5 57 34	28°51'31	11♍24	9°26	12°54	25°18	16°19	12°32	7°34	23°45	2°17	21° 2	21°58	12°20	13° 5	T 21
F 22	6 1 30	29°52'35	23°24	10°47	14° 1	25°59	16°15	12°38	7°33	23°46	2°16	21° 3	21°55	12°27	13° 3	F 22
S 23	6 5 27	0♑53'40	5♎18	12° 9	15° 7	26°40	16°11	12°43	7°33	23°48	2°15	21°R 3	21°52	12°34	13° 1	S 23
S 24	6 9 24	1°54'46	17°10	13°33	16°14	27°20	16° 8	12°49	7°32	23°50	2°14	21° 3	21°49	12°40	13° 0	S 24
M25	6 13 20	2°55'52	29° 5	14°57	17°21	28° 1	16° 4	12°54	7°31	23°52	2°13	21° 1	21°46	12°47	12°58	M25
T 26	6 17 17	3°56'59	11♏ 8	16°22	18°29	28°42	16° 1	13° 0	7°31	23°54	2°12	20°58	21°43	12°54	12°56	T 26
W27	6 21 13	4°58'07	23°22	17°48	19°36	29°23	15°58	13° 5	7°30	23°56	2°11	20°56	21°39	13° 1	12°55	W27
T 28	6 25 10	5°59'16	5♐49	19°15	20°44	0♐ 3	15°55	13°10	7°29	23°58	2°10	20°53	21°36	13° 7	12°53	T 28
F 29	6 29 6	7° 0'25	18°33	20°42	21°52	0°44	15°53	13°16	7°28	23°59	2° 9	20°51	21°33	13°14	12°52	F 29
S 30	6 33 3	8° 1'34	1♑32	22°10	23° 0	1°25	15°50	13°21	7°28	24° 1	2° 9	20°50	21°30	13°21	12°50	S 30
S 31	6 36 59	9♑ 2'44	14♑48	23♐39	24♏ 9	2♐ 6	15♑48	13♏26	7♍27	24♏ 3	2♊ 8	20°D49	21♋27	13♎27	12♑49	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s43	18s35	3n24	17s17	2n12	6s39	1n59	14s53	0n31	16n 5	1s13	12s50	2n14	9n27	0n46	16s54	1n41	7n29	13s25	21n42	21n27	0n37	14n12	1s52
S 2	21 52	20 45	2 28	16 59	2 21	6 58	2 3	15 6	0 30	16 3	1 13	12 52	2 14	9 27	0 46	16 54	1 41	7 29	13 25	21 43	21 28	0 35	14 12	1 52
S 3	22 1	21 54	1 24	16 45	2 29	7 16	2 7	15 19	0 30	16 1	1 13	12 54	2 14	9 27	0 46	16 55	1 41	7 29	13 25	21 44	21 28	0 32	14 11	1 52
M 4	22 9	21 53	0 14	16 36	2 34	7 35	2 11	15 31	0 29	15 59	1 12	12 56	2 14	9 27	0 46	16 55	1 41	7 29	13 25	21 44	21 29	0 30	14 10	1 52
T 5	22 17	20 38	0s58	16 32	2 38	7 54	2 14	15 44	0 29	15 58	1 12	12 58	2 14	9 26	0 46	16 56	1 41	7 29	13 25	21 44	21 30	0 27	14 9	1 52
W 6	22 25	18 12	2 8	16 31	2 40	8 13	2 17	15 56	0 28	15 56	1 12	13 0	2 14	9 26	0 46	16 56	1 41	7 29	13 25	21 44	21 30	0 25	14 8	1 52
T 7	22 32	14 44	3 12	16 35	2 40	8 32	2 20	16 8	0 28	15 55	1 12	13 1	2 14	9 26	0 46	16 57	1 41	7 29	13 25	21 44	21 31	0 23	14 8	1 52
F 8	22 39	10 24	4 5	16 41	2 39	8 52	2 23	16 20	0 27	15 53	1 11	13 3	2 14	9 26	0 46	16 57	1 41	7 29	13 25	21 43	21 31	0 20	14 7	1 52
S 9	22 45	5 27	4 45	16 51	2 37	9 11	2 25	16 32	0 27	15 52	1 11	13 5	2 14	9 26	0 46	16 58	1 41	7 28	13 25	21 43	21 32	0 18	14 6	1 52
S 10	22 51	0 9	5 7	17 3	2 33	9 31	2 28	16 44	0 26	15 50	1 11	13 7	2 14	9 26	0 46	16 58	1 41	7 28	13 25	21 44	21 32	0 15	14 5	1 52
M11	22 56	5n13	5 11	17 17	2 29	9 50	2 30	16 55	0 26	15 49	1 11	13 9	2 15	9 26	0 46	16 59	1 41	7 28	13 25	21 44	21 33	0 13	14 5	1 52
T 12	23 1	10 18	4 54	17 33	2 24	10 10	2 32	17 7	0 25	15 47	1 11	13 11	2 15	9 26	0 46	16 59	1 41	7 28	13 25	21 45	21 33	0 10	14 4	1 52
W13	23 6	14 49	4 19	17 51	2 19	10 29	2 34	17 18	0 25	15 46	1 10	13 12	2 15	9 26	0 46	17 0	1 41	7 28	13 24	21 46	21 34	0 8	14 3	1 52
T 14	23 10	18 25	3 28	18 9	2 13	10 49	2 36	17 30	0 24	15 45	1 10	13 14	2 15	9 26	0 46	17 0	1 41	7 28	13 24	21 46	21 34	0 5	14 3	1 52
F 15	23 13	20 52	2 24	18 29	2 6	11 9	2 38	17 41	0 23	15 43	1 10	13 16	2 15	9 26	0 46	17 1	1 41	7 28	13 24	21 47	21 35	0 3	14 2	1 52
S 16	23 16	21 59	1 14	18 49	2 0	11 28	2 39	17 52	0 23	15 42	1 10	13 18	2 15	9 26	0 46	17 1	1 41	7 28	13 24	21 47	21 35	0 0	14 1	1 52
S 17	23 19	21 48	0 0	19 9	1 53	11 48	2 41	18 3	0 22	15 41	1 9	13 19	2 15	9 26	0 47	17 2	1 41	7 28	13 24	21 47	21 36	0s 2	14 1	1 52
M18	23 21	20 23	1n11	19 29	1 45	12 7	2 42	18 14	0 22	15 40	1 9	13 21	2 15	9 26	0 47	17 2	1 41	7 28	13 24	21 47	21 36	0 4	14 0	1 52
T 19	23 23	17 59	2 17	19 50	1 38	12 27	2 43	18 24	0 21	15 39	1 9	13 23	2 16	9 27	0 47	17 3	1 41	7 28	13 24	21 47	21 37	0 7	14 0	1 52
W20	23 24	14 47	3 15	20 10	1 30	12 46	2 44	18 35	0 21	15 38	1 8	13 24	2 16	9 27	0 47	17 3	1 41	7 28	13 23	21 47	21 37	0 9	13 59	1 52
T 21	23 25	11 2	4 3	20 30	1 22	13 5	2 44	18 45	0 20	15 37	1 8	13 26	2 16	9 27	0 47	17 3	1 41	7 28	13 23	21 47	21 38	0 12	13 58	1 52
F 22	23 25	6 54	4 39	20 49	1 14	13 24	2 45	18 55	0 19	15 36	1 8	13 27	2 16	9 27	0 47	17 4	1 41	7 28	13 23	21 46	21 38	0 14	13 58	1 52
S 23	23 25	2 32	5 3	21 8	1 6	13 43	2 45	19 5	0 19	15 35	1 8	13 29	2 16	9 27	0 47	17 4	1 41	7 28	13 23	21 46	21 39	0 17	13 57	1 52
S 24	23 24	1s53	5 15	21 26	0 59	14 2	2 46	19 15	0 18	15 35	1 7	13 30	2 16	9 28	0 47	17 5	1 41	7 28	13 23	21 47	21 39	0 19	13 57	1 52
M25	23 23	6 16	5 12	21 44	0 51	14 21	2 46	19 25	0 18	15 34	1 7	13 32	2 16	9 28	0 47	17 5	1 42	7 28	13 23	21 47	21 40	0 22	13 56	1 52
T 26	23 22	10 28	4 56	22 1	0 43	14 39	2 46	19 35	0 17	15 33	1 7	13 33	2 17	9 28	0 47	17 6	1 42	7 28	13 22	21 47	21 40	0 24	13 56	1 52
W27	23 20	14 18	4 26	22 17	0 35	14 57	2 46	19 44	0 17	15 33	1 7	13 35	2 17	9 29	0 47	17 6	1 42	7 28	13 22	21 48	21 41	0 27	13 55	1 52
T 28	23 17	17 35	3 44	22 32	0 27	15 15	2 46	19 53	0 16	15 32	1 6	13 36	2 17	9 29	0 47	17 6	1 42	7 28	13 22	21 48	21 41	0 29	13 55	1 52
F 29	23 14	20 7	2 49	22 46	0 19	15 33	2 45	20 2	0 15	15 32	1 6	13 38	2 17	9 29	0 47	17 7	1 42	7 28	13 22	21 48	21 42	0 32	13 54	1 52
S 30	23 11	21 40	1 45	23 0	0 12	15 51	2 45	20 11	0 15	15 31	1 6	13 39	2 17	9 30	0 47	17 7	1 42	7 28	13 22	21 48	21 42	0 34	13 54	1 52
S 31	23s 7	22s 3	0n33	23s12	0n 4	16s 8	2n44	20s20	0n14	15n31	1s 5	13s40	2n17	9n30	0n47	17s 8	1n42	7n28	13s21	21n49	21n43	0s37	13n54	1s52

Julian Day Number = 2499360.5, Delta T = 109.50 sec
Ecliptic obliquity = 23°25'16, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°34'10, Lahiri = 25°41'11

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ASTRODIENST EPHEMERIS for the year 2131
geocentric

JANUARY 2131 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 40 56	10♑ 3'54	28♑19	25♐ 8	25♏17	2♐47	15°R46	13♏31	7°R26	24♏ 5	2°R 7	20♋49	21♋23	13♎34	12°R48	M 1
T 2	6 44 53	11° 5'04	12♒ 2	26°37	26°26	3°28	15♉44	13°36	7♍25	24° 6	2♊ 6	20°50	21°20	13°41	12♉46	T 2
W 3	6 48 49	12° 6'14	25°56	28° 7	27°35	4° 9	15°43	13°41	7°23	24° 8	2° 5	20°51	21°17	13°48	12°45	W 3
T 4	6 52 46	13° 7'23	9♓58	29°37	28°44	4°50	15°41	13°46	7°22	24°10	2° 4	20°52	21°14	13°54	12°44	T 4
F 5	6 56 42	14° 8'33	24° 5	1♑ 8	29°53	5°31	15°40	13°50	7°21	24°11	2° 4	20°52	21°11	14° 1	12°43	F 5
S 6	7 0 39	15° 9'42	8♈16	2°39	1♐ 2	6°12	15°39	13°55	7°20	24°13	2° 3	20°52	21° 8	14° 8	12°42	S 6
S 7	7 4 35	16°10'51	22°28	4°10	2°11	6°53	15°38	14° 0	7°18	24°14	2° 2	20°R52	21° 4	14°14	12°41	S 7
M 8	7 8 32	17°12'00	6♉38	5°42	3°21	7°34	15°38	14° 4	7°17	24°16	2° 1	20°52	21° 1	14°21	12°40	M 8
T 9	7 12 28	18°13'08	20°44	7°14	4°31	8°15	15°38	14° 9	7°16	24°17	2° 0	20°52	20°58	14°28	12°39	T 9
W10	7 16 25	19°14'16	4♊45	8°47	5°41	8°56	15°D37	14°13	7°14	24°19	2° 0	20°52	20°55	14°35	12°38	W10
T 11	7 20 22	20°15'24	18°37	10°20	6°50	9°38	15°38	14°17	7°13	24°20	1°59	20°52	20°52	14°41	12°38	T 11
F 12	7 24 18	21°16'31	2♋17	11°54	8° 1	10°19	15°38	14°21	7°11	24°22	1°58	20°D52	20°49	14°48	12°37	F 12
S 13	7 28 15	22°17'38	15°45	13°28	9°11	11° 0	15°38	14°26	7°10	24°23	1°58	20°R52	20°45	14°55	12°36	S 13
S 14	7 32 11	23°18'45	28°57	15° 2	10°21	11°41	15°39	14°30	7° 8	24°24	1°57	20°52	20°42	15° 2	12°36	S 14
M15	7 36 8	24°19'51	11♌53	16°37	11°32	12°23	15°40	14°34	7° 6	24°26	1°56	20°51	20°39	15° 8	12°35	M15
T 16	7 40 4	25°20'57	24°33	18°12	12°42	13° 4	15°41	14°37	7° 5	24°27	1°56	20°51	20°36	15°15	12°35	T 16
W17	7 44 1	26°22'03	6♍57	19°48	13°53	13°45	15°42	14°41	7° 3	24°28	1°55	20°50	20°33	15°22	12°35	W17
T 18	7 47 58	27°23'08	19° 9	21°24	15° 4	14°27	15°44	14°45	7° 1	24°30	1°55	20°49	20°29	15°28	12°34	T 18
F 19	7 51 54	28°24'14	1♎10	23° 0	16°14	15° 8	15°46	14°48	6°59	24°31	1°54	20°49	20°26	15°35	12°34	F 19
S 20	7 55 51	29°25'19	13° 5	24°38	17°25	15°49	15°48	14°52	6°57	24°32	1°53	20°48	20°23	15°42	12°34	S 20
S 21	7 59 47	0♒26'23	24°57	26°15	18°36	16°31	15°50	14°55	6°55	24°33	1°53	20°47	20°20	15°49	12°34	S 21
M22	8 3 44	1°27'28	6♏51	27°54	19°48	17°12	15°52	14°59	6°54	24°34	1°52	20°D47	20°17	15°55	12°D34	M22
T 23	8 7 40	2°28'32	18°53	29°33	20°59	17°54	15°55	15° 2	6°52	24°36	1°52	20°48	20°14	16° 2	12°34	T 23
W24	8 11 37	3°29'36	1♐ 7	1♒12	22°10	18°35	15°57	15° 5	6°50	24°37	1°51	20°49	20°10	16° 9	12°34	W24
T 25	8 15 33	4°30'39	13°36	2°52	23°22	19°17	16° 0	15° 8	6°47	24°38	1°51	20°50	20° 7	16°15	12°34	T 25
F 26	8 19 30	5°31'42	26°24	4°33	24°33	19°59	16° 3	15°11	6°45	24°39	1°51	20°51	20° 4	16°22	12°34	F 26
S 27	8 23 27	6°32'45	9♑34	6°14	25°45	20°40	16° 7	15°14	6°43	24°40	1°50	20°52	20° 1	16°29	12°35	S 27
S 28	8 27 23	7°33'46	23° 7	7°56	26°56	21°22	16°10	15°17	6°41	24°41	1°50	20°R53	19°58	16°36	12°35	S 28
M29	8 31 20	8°34'48	7♒ 0	9°38	28° 8	22° 3	16°14	15°19	6°39	24°42	1°49	20°52	19°55	16°42	12°35	M29
T 30	8 35 16	9°35'48	21°11	11°21	29°20	22°45	16°18	15°22	6°37	24°43	1°49	20°50	19°51	16°49	12°36	T 30
W31	8 39 13	10♒36'47	5♓35	13♒ 5	0♑32	23♐27	16♉22	15♏24	6♍34	24♏43	1♊49	20♋48	19♋48	16♎56	12♉36	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 2	21s10	0s41	23s23	0s 3	16s25	2n44	20s29	0n13	15n31	1s 5	13s42	2n18	9n30	0n47	17s 8	1n42	7n28	13s21	21n49	21n43	0s39	13n53	1s52
T 2	22 58	19 1	1 55	23 33	0 10	16 42	2 43	20 37	0 13	15 30	1 5	13 43	2 18	9 31	0 47	17 8	1 42	7 28	13 21	21 48	21 44	0 42	13 53	1 52
W 3	22 52	15 44	3 3	23 42	0 17	16 58	2 42	20 46	0 12	15 30	1 5	13 44	2 18	9 31	0 47	17 9	1 42	7 28	13 21	21 48	21 44	0 44	13 53	1 52
T 4	22 46	11 32	4 0	23 50	0 24	17 14	2 41	20 54	0 12	15 30	1 4	13 46	2 18	9 32	0 47	17 9	1 42	7 28	13 21	21 48	21 45	0 46	13 52	1 52
F 5	22 40	6 41	4 43	23 56	0 31	17 30	2 40	21 2	0 11	15 30	1 4	13 47	2 18	9 32	0 47	17 9	1 42	7 28	13 20	21 48	21 45	0 49	13 52	1 52
S 6	22 34	1 28	5 9	24 1	0 38	17 46	2 39	21 9	0 10	15 30	1 4	13 48	2 18	9 33	0 47	17 10	1 42	7 28	13 20	21 48	21 46	0 51	13 52	1 52
S 7	22 26	3n50	5 17	24 6	0 44	18 1	2 37	21 17	0 10	15 30	1 3	13 49	2 19	9 33	0 47	17 10	1 42	7 28	13 20	21 48	21 46	0 54	13 51	1 52
M 8	22 19	8 55	5 5	24 8	0 51	18 15	2 36	21 24	0 9	15 30	1 3	13 50	2 19	9 34	0 47	17 10	1 42	7 28	13 20	21 48	21 47	0 56	13 51	1 52
T 9	22 11	13 30	4 35	24 10	0 57	18 30	2 34	21 32	0 8	15 30	1 3	13 52	2 19	9 34	0 47	17 11	1 42	7 28	13 19	21 48	21 47	0 59	13 51	1 52
W10	22 3	17 19	3 49	24 10	1 3	18 44	2 33	21 39	0 8	15 31	1 2	13 53	2 19	9 35	0 48	17 11	1 42	7 28	13 19	21 48	21 48	1 1	13 51	1 52
T 11	21 54	20 7	2 50	24 9	1 8	18 57	2 31	21 46	0 7	15 31	1 2	13 54	2 19	9 36	0 48	17 11	1 42	7 29	13 19	21 48	21 48	1 4	13 50	1 52
F 12	21 44	21 43	1 41	24 7	1 14	19 10	2 29	21 52	0 6	15 31	1 2	13 55	2 20	9 36	0 48	17 12	1 42	7 29	13 19	21 48	21 49	1 6	13 50	1 52
S 13	21 35	22 1	0 28	24 3	1 19	19 23	2 27	21 59	0 6	15 32	1 2	13 56	2 20	9 37	0 48	17 12	1 42	7 29	13 19	21 48	21 49	1 9	13 50	1 52
S 14	21 25	21 5	0n45	23 58	1 24	19 35	2 25	22 5	0 5	15 32	1 1	13 57	2 20	9 37	0 48	17 12	1 42	7 29	13 18	21 48	21 50	1 11	13 50	1 52
M15	21 14	19 2	1 54	23 52	1 29	19 47	2 23	22 11	0 4	15 33	1 1	13 58	2 20	9 38	0 48	17 13	1 42	7 29	13 18	21 48	21 50	1 14	13 50	1 52
T 16	21 3	16 6	2 56	23 44	1 34	19 58	2 21	22 17	0 4	15 33	1 1	13 59	2 20	9 39	0 48	17 13	1 42	7 29	13 18	21 48	21 51	1 16	13 50	1 52
W17	20 52	12 29	3 49	23 35	1 38	20 9	2 19	22 23	0 3	15 34	1 0	14 0	2 21	9 39	0 48	17 13	1 42	7 29	13 17	21 48	21 51	1 19	13 50	1 52
T 18	20 40	8 26	4 30	23 24	1 42	20 19	2 17	22 29	0 2	15 35	1 0	14 0	2 21	9 40	0 48	17 13	1 43	7 30	13 17	21 49	21 52	1 21	13 50	1 52
F 19	20 28	4 6	4 58	23 12	1 46	20 29	2 14	22 34	0 2	15 35	1 0	14 1	2 21	9 41	0 48	17 14	1 43	7 30	13 17	21 49	21 52	1 24	13 50	1 52
S 20	20 15	0s20	5 14	22 58	1 49	20 38	2 12	22 39	0 1	15 36	1 0	14 2	2 21	9 42	0 48	17 14	1 43	7 30	13 17	21 49	21 53	1 26	13 50	1 52
S 21	20 2	4 45	5 16	22 43	1 52	20 47	2 9	22 44	0 0	15 37	0 59	14 3	2 21	9 42	0 48	17 14	1 43	7 30	13 16	21 49	21 53	1 29	13 50	1 51
M22	19 49	9 0	5 4	22 27	1 55	20 55	2 7	22 49	0s 1	15 38	0 59	14 4	2 22	9 43	0 48	17 14	1 43	7 30	13 16	21 49	21 53	1 31	13 50	1 51
T 23	19 36	12 56	4 40	22 9	1 58	21 3	2 4	22 54	0 1	15 39	0 59	14 4	2 22	9 44	0 48	17 15	1 43	7 30	13 16	21 49	21 54	1 34	13 50	1 51
W24	19 22	16 25	4 2	21 49	2 0	21 10	2 1	22 58	0 2	15 40	0 58	14 5	2 22	9 45	0 48	17 15	1 43	7 31	13 16	21 49	21 54	1 36	13 50	1 51
T 25	19 7	19 14	3 12	21 29	2 2	21 17	1 59	23 2	0 3	15 41	0 58	14 6	2 22	9 45	0 48	17 15	1 43	7 31	13 15	21 48	21 55	1 39	13 50	1 51
F 26	18 52	21 11	2 11	21 6	2 3	21 23	1 56	23 6	0 4	15 42	0 58	14 6	2 22	9 46	0 48	17 15	1 43	7 31	13 15	21 48	21 55	1 41	13 50	1 51
S 27	18 37	22 3	1 2	20 42	2 4	21 28	1 53	23 10	0 4	15 44	0 58	14 7	2 23	9 47	0 48	17 15	1 43	7 31	13 15	21 48	21 56	1 44	13 50	1 51
S 28	18 22	21 39	0s12	20 17	2 5	21 33	1 50	23 13	0 5	15 45	0 57	14 8	2 23	9 48	0 48	17 15	1 43	7 31	13 14	21 48	21 56	1 46	13 50	1 51
M29	18 6	19 56	1 28	19 50	2 5	21 37	1 47	23 17	0 6	15 46	0 57	14 8	2 23	9 49	0 48	17 16	1 43	7 32	13 14	21 48	21 57	1 49	13 50	1 51
T 30	17 50	16 57	2 39	19 22	2 5	21 41	1 44	23 20	0 7	15 48	0 57	14 9	2 23	9 49	0 48	17 16	1 43	7 32	13 14	21 48	21 57	1 51	13 50	1 51
W31	17s34	12s54	3s42	18s52	2s 5	21s44	1n41	23s23	0s 7	15n49	0s56	14s 9	2n24	9n50	0n48	17s16	1n43	7n32	13s14	21n49	21n58	1s54	13n51	1s51

Julian Day Number = 2499391.5, Delta T = 109.55 sec
Ecliptic obliquity = 23°25'16, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°34'15, Lahiri = 25°41'15

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ASTRODIENST EPHEMERIS for the year 2131
geocentric

FEBRUARY 2131 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 9	11♒37'45	20♓ 7	14♒49	1♑44	24♐ 9	16♉26	15♏27	6°R32	24♏44	1°R48	20°R45	19♋45	17♎ 3	12♉37	T 1
F 2	8 47 6	12°38'42	4♈40	16°34	2°56	24°50	16°31	15°29	6♍30	24°45	1♊48	20♋42	19°42	17° 9	12°38	F 2
S 3	8 51 2	13°39'37	19° 8	18°19	4° 8	25°32	16°35	15°31	6°27	24°46	1°48	20°40	19°39	17°16	12°38	S 3
S 4	8 54 59	14°40'32	3♉27	20° 5	5°20	26°14	16°40	15°33	6°25	24°47	1°48	20°38	19°35	17°23	12°39	S 4
M 5	8 58 56	15°41'25	17°35	21°51	6°32	26°56	16°45	15°35	6°23	24°47	1°47	20°D38	19°32	17°29	12°40	M 5
T 6	9 2 52	16°42'17	1♊29	23°38	7°44	27°38	16°50	15°37	6°20	24°48	1°47	20°38	19°29	17°36	12°41	T 6
W 7	9 6 49	17°43'07	15° 9	25°25	8°56	28°19	16°56	15°39	6°18	24°49	1°47	20°40	19°26	17°43	12°42	W 7
T 8	9 10 45	18°43'56	28°36	27°12	10° 9	29° 1	17° 1	15°41	6°15	24°49	1°47	20°41	19°23	17°50	12°43	T 8
F 9	9 14 42	19°44'43	11♋50	29° 0	11°21	29°43	17° 7	15°42	6°13	24°50	1°47	20°43	19°20	17°56	12°44	F 9
S 10	9 18 38	20°45'30	24°51	0♓47	12°33	0♑25	17°13	15°44	6°10	24°50	1°47	20°R43	19°16	18° 3	12°45	S 10
S 11	9 22 35	21°46'14	7♌41	2°34	13°46	1° 7	17°19	15°45	6° 8	24°51	1°46	20°42	19°13	18°10	12°46	S 11
M12	9 26 31	22°46'58	20°20	4°21	14°58	1°49	17°25	15°46	6° 5	24°51	1°46	20°39	19°10	18°17	12°47	M12
T 13	9 30 28	23°47'40	2♍47	6° 7	16°11	2°31	17°31	15°47	6° 3	24°52	1°46	20°34	19° 7	18°23	12°49	T 13
W14	9 34 25	24°48'21	15° 3	7°52	17°23	3°13	17°38	15°49	6° 0	24°52	1°46	20°28	19° 4	18°30	12°50	W14
T 15	9 38 21	25°49'00	27°11	9°36	18°36	3°55	17°45	15°49	5°58	24°52	1°D46	20°21	19° 1	18°37	12°51	T 15
F 16	9 42 18	26°49'38	9♎10	11°18	19°49	4°37	17°52	15°50	5°55	24°53	1°46	20°15	18°57	18°43	12°53	F 16
S 17	9 46 14	27°50'15	21° 4	12°58	21° 1	5°20	17°59	15°51	5°53	24°53	1°46	20° 9	18°54	18°50	12°54	S 17
S 18	9 50 11	28°50'51	2♏56	14°36	22°14	6° 2	18° 6	15°52	5°50	24°53	1°46	20° 4	18°51	18°57	12°56	S 18
M19	9 54 7	29°51'26	14°49	16°10	23°27	6°44	18°13	15°52	5°47	24°54	1°46	20° 1	18°48	19° 4	12°58	M19
T 20	9 58 4	0♓51'59	26°48	17°41	24°40	7°26	18°21	15°53	5°45	24°54	1°47	19°D59	18°45	19°10	12°59	T 20
W21	10 2 0	1°52'31	8♐58	19° 8	25°52	8° 8	18°28	15°53	5°42	24°54	1°47	19°59	18°41	19°17	13° 1	W21
T 22	10 5 57	2°53'02	21°23	20°30	27° 5	8°51	18°36	15°53	5°39	24°54	1°47	20° 0	18°38	19°24	13° 3	T 22
F 23	10 9 53	3°53'32	4♑ 9	21°46	28°18	9°33	18°44	15°53	5°37	24°54	1°47	20° 2	18°35	19°30	13° 5	F 23
S 24	10 13 50	4°54'01	17°19	22°56	29°31	10°15	18°52	15°R53	5°34	24°54	1°47	20°R 3	18°32	19°37	13° 7	S 24
S 25	10 17 47	5°54'28	0♒56	23°59	0♒44	10°57	19° 0	15°53	5°32	24°R54	1°47	20° 2	18°29	19°44	13° 9	S 25
M26	10 21 43	6°54'53	15° 0	24°55	1°57	11°40	19° 9	15°53	5°29	24°54	1°48	20° 0	18°26	19°51	13°11	M26
T 27	10 25 40	7°55'17	29°29	25°42	3°10	12°22	19°17	15°53	5°26	24°54	1°48	19°55	18°22	19°57	13°13	T 27
W28	10 29 36	8♓55'39	14♓17	26♓21	4♒23	13♑ 5	19♉26	15♏52	5♍24	24♏54	1♊48	19♋48	18♋19	20♎ 4	13♉15	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s17	8s 4	4s31	18s21	2s 4	21s47	1n38	23s26	0s 8	15n51	0s56	14s10	2n24	9n51	0n48	17s16	1n43	7n32	13s13	21n49	21n58	1s56	13n51	1s51
F 2	17 0	2 46	5 2	17 48	2 2	21 49	1 35	23 28	0 9	15 52	0 56	14 10	2 24	9 52	0 48	17 16	1 43	7 32	13 13	21 50	21 59	1 59	13 51	1 51
S 3	16 43	2n38	5 14	17 14	2 0	21 50	1 32	23 30	0 10	15 54	0 56	14 10	2 24	9 53	0 48	17 16	1 43	7 33	13 13	21 50	21 59	2 1	13 51	1 51
S 4	16 25	7 51	5 7	16 38	1 58	21 51	1 28	23 32	0 10	15 55	0 55	14 11	2 24	9 54	0 48	17 17	1 43	7 33	13 12	21 50	22 0	2 4	13 52	1 51
M 5	16 7	12 34	4 40	16 1	1 54	21 51	1 25	23 34	0 11	15 57	0 55	14 11	2 25	9 55	0 48	17 17	1 43	7 33	13 12	21 50	22 0	2 6	13 52	1 51
T 6	15 49	16 33	3 58	15 23	1 51	21 50	1 22	23 36	0 12	15 59	0 55	14 12	2 25	9 56	0 48	17 17	1 44	7 33	13 12	21 50	22 0	2 9	13 52	1 51
W 7	15 31	19 34	3 3	14 43	1 47	21 49	1 19	23 37	0 13	16 0	0 55	14 12	2 25	9 57	0 48	17 17	1 44	7 34	13 12	21 50	22 1	2 11	13 52	1 51
T 8	15 12	21 27	1 58	14 2	1 42	21 47	1 15	23 39	0 14	16 2	0 54	14 12	2 25	9 57	0 48	17 17	1 44	7 34	13 11	21 50	22 1	2 14	13 53	1 51
F 9	14 53	22 5	0 49	13 19	1 36	21 44	1 12	23 40	0 14	16 4	0 54	14 12	2 26	9 58	0 48	17 17	1 44	7 34	13 11	21 50	22 2	2 16	13 53	1 51
S 10	14 34	21 31	0n23	12 36	1 30	21 41	1 9	23 40	0 15	16 6	0 54	14 13	2 26	9 59	0 48	17 17	1 44	7 35	13 11	21 50	22 2	2 19	13 53	1 51
S 11	14 14	19 49	1 32	11 51	1 24	21 38	1 5	23 41	0 16	16 8	0 53	14 13	2 26	10 0	0 48	17 17	1 44	7 35	13 10	21 50	22 3	2 21	13 54	1 51
M12	13 55	17 9	2 35	11 5	1 16	21 33	1 2	23 41	0 17	16 10	0 53	14 13	2 26	10 1	0 48	17 17	1 44	7 35	13 10	21 50	22 3	2 24	13 54	1 51
T 13	13 35	13 44	3 29	10 19	1 8	21 28	0 59	23 42	0 18	16 12	0 53	14 13	2 27	10 2	0 48	17 17	1 44	7 35	13 10	21 51	22 4	2 26	13 55	1 51
W14	13 15	9 47	4 13	9 32	0 59	21 23	0 55	23 41	0 19	16 14	0 53	14 13	2 27	10 3	0 48	17 17	1 44	7 36	13 9	21 52	22 4	2 29	13 55	1 51
T 15	12 54	5 29	4 45	8 44	0 50	21 16	0 52	23 41	0 19	16 16	0 52	14 13	2 27	10 4	0 48	17 17	1 44	7 36	13 9	21 53	22 4	2 32	13 56	1 51
F 16	12 34	1 2	5 4	7 56	0 39	21 10	0 48	23 41	0 20	16 18	0 52	14 13	2 27	10 5	0 48	17 17	1 44	7 36	13 9	21 54	22 5	2 34	13 56	1 51
S 17	12 13	3s25	5 10	7 7	0 28	21 2	0 45	23 40	0 21	16 21	0 52	14 13	2 27	10 6	0 48	17 17	1 44	7 37	13 8	21 55	22 5	2 37	13 57	1 51
S 18	11 52	7 44	5 2	6 19	0 17	20 54	0 42	23 39	0 22	16 23	0 52	14 13	2 28	10 7	0 48	17 17	1 44	7 37	13 8	21 55	22 6	2 39	13 57	1 51
M19	11 31	11 47	4 42	5 31	0 4	20 45	0 38	23 38	0 23	16 25	0 51	14 13	2 28	10 8	0 48	17 17	1 44	7 37	13 8	21 56	22 6	2 42	13 58	1 51
T 20	11 9	15 23	4 9	4 44	0n 8	20 36	0 35	23 36	0 24	16 27	0 51	14 13	2 28	10 9	0 48	17 17	1 44	7 38	13 8	21 56	22 7	2 44	13 58	1 51
W21	10 48	18 25	3 24	3 58	0 22	20 26	0 32	23 35	0 24	16 30	0 51	14 13	2 28	10 10	0 48	17 17	1 44	7 38	13 7	21 56	22 7	2 47	13 59	1 51
T 22	10 26	20 40	2 29	3 13	0 36	20 16	0 28	23 33	0 25	16 32	0 51	14 13	2 29	10 11	0 48	17 17	1 44	7 38	13 7	21 56	22 8	2 49	13 59	1 51
F 23	10 4	21 56	1 25	2 30	0 50	20 5	0 25	23 31	0 26	16 34	0 50	14 12	2 29	10 12	0 48	17 17	1 45	7 39	13 7	21 56	22 8	2 52	14 0	1 51
S 24	9 42	22 3	0 15	1 48	1 5	19 53	0 22	23 29	0 27	16 37	0 50	14 12	2 29	10 13	0 48	17 17	1 45	7 39	13 6	21 56	22 8	2 54	14 0	1 51
S 25	9 20	20 53	0s59	1 10	1 20	19 41	0 18	23 26	0 28	16 39	0 50	14 12	2 29	10 14	0 48	17 17	1 45	7 39	13 6	21 56	22 9	2 57	14 1	1 51
M26	8 58	18 24	2 11	0 34	1 35	19 28	0 15	23 23	0 29	16 42	0 50	14 12	2 30	10 15	0 48	17 17	1 45	7 40	13 6	21 56	22 9	2 59	14 2	1 50
T 27	8 36	14 42	3 16	0 1	1 50	19 15	0 12	23 21	0 30	16 44	0 50	14 11	2 30	10 16	0 48	17 17	1 45	7 40	13 5	21 57	22 10	3 2	14 2	1 50
W28	8s13	10s 1	4s10	0n27	2n 5	19s 1	0n 8	23s17	0s31	16n47	0s49	14s11	2n30	10n17	0n48	17s17	1n45	7n40	13s 5	21n58	22n10	3s 4	14n 3	1s50

Julian Day Number = 2499422.5, Delta T = 109.60 sec
Ecliptic obliquity = 23°25'17, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°34'19, Lahiri = 25°41'19

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ASTRODIENST EPHEMERIS for the year 2131
geocentric

MARCH 2131 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 33 33	9♓56'00	29♓16	26♓51	5♒36	13♑47	19♉35	15°R52	5°R21	24°R54	1♊48	19°R40	18♋16	20♎11	13♉17	T 1
F 2	10 37 29	10°56'19	14♈16	27°11	6°49	14°29	19°44	15♏51	5♍18	24♏54	1°49	19♋32	18°13	20°18	13°19	F 2
S 3	10 41 26	11°56'36	29° 9	27°22	8° 3	15°12	19°53	15°51	5°16	24°54	1°49	19°25	18°10	20°24	13°22	S 3
S 4	10 45 22	12°56'50	13♉47	27°R23	9°16	15°54	20° 2	15°50	5°13	24°53	1°50	19°20	18° 6	20°31	13°24	S 4
M 5	10 49 19	13°57'03	28° 5	27°15	10°29	16°37	20°11	15°49	5°11	24°53	1°50	19°16	18° 3	20°38	13°27	M 5
T 6	10 53 16	14°57'14	12♊ 1	26°57	11°42	17°19	20°20	15°48	5° 8	24°53	1°50	19°D15	18° 0	20°44	13°29	T 6
W 7	10 57 12	15°57'23	25°35	26°31	12°55	18° 2	20°30	15°47	5° 5	24°53	1°51	19°15	17°57	20°51	13°31	W 7
T 8	11 1 9	16°57'30	8♋50	25°56	14° 8	18°44	20°40	15°46	5° 3	24°52	1°51	19°16	17°54	20°58	13°34	T 8
F 9	11 5 5	17°57'34	21°47	25°15	15°22	19°27	20°49	15°44	5° 0	24°52	1°52	19°R17	17°51	21° 5	13°37	F 9
S 10	11 9 2	18°57'37	4♌29	24°27	16°35	20° 9	20°59	15°43	4°58	24°52	1°52	19°15	17°47	21°11	13°39	S 10
S 11	11 12 58	19°57'37	17° 0	23°34	17°48	20°52	21° 9	15°41	4°55	24°51	1°53	19°12	17°44	21°18	13°42	S 11
M12	11 16 55	20°57'35	29°22	22°38	19° 1	21°35	21°19	15°40	4°53	24°51	1°53	19° 6	17°41	21°25	13°45	M12
T 13	11 20 51	21°57'31	11♍35	21°40	20°15	22°17	21°30	15°38	4°50	24°50	1°54	18°57	17°38	21°32	13°47	T 13
W14	11 24 48	22°57'26	23°41	20°40	21°28	23° 0	21°40	15°36	4°48	24°50	1°54	18°45	17°35	21°38	13°50	W14
T 15	11 28 45	23°57'18	5♎41	19°42	22°41	23°42	21°50	15°34	4°45	24°49	1°55	18°33	17°32	21°45	13°53	T 15
F 16	11 32 41	24°57'08	17°37	18°44	23°55	24°25	22° 1	15°32	4°43	24°48	1°55	18°20	17°28	21°52	13°56	F 16
S 17	11 36 38	25°56'57	29°30	17°50	25° 8	25° 8	22°12	15°30	4°41	24°48	1°56	18° 8	17°25	21°58	13°59	S 17
S 18	11 40 34	26°56'44	11♏21	16°59	26°21	25°51	22°22	15°28	4°38	24°47	1°57	17°58	17°22	22° 5	14° 2	S 18
M19	11 44 31	27°56'29	23°14	16°13	27°35	26°33	22°33	15°26	4°36	24°46	1°57	17°50	17°19	22°12	14° 5	M19
T 20	11 48 27	28°56'12	5♐13	15°32	28°48	27°16	22°44	15°23	4°33	24°46	1°58	17°45	17°16	22°19	14° 8	T 20
W21	11 52 24	29°55'54	17°20	14°57	0♓ 1	27°59	22°55	15°21	4°31	24°45	1°59	17°42	17°12	22°25	14°11	W21
T 22	11 56 20	0♈55'34	29°41	14°28	1°15	28°42	23° 6	15°19	4°29	24°44	2° 0	17°D41	17° 9	22°32	14°14	T 22
F 23	12 0 17	1°55'12	12♑22	14° 5	2°28	29°24	23°18	15°16	4°27	24°43	2° 0	17°R42	17° 6	22°39	14°17	F 23
S 24	12 4 14	2°54'49	25°26	13°48	3°42	0♒ 7	23°29	15°13	4°24	24°43	2° 1	17°42	17° 3	22°45	14°20	S 24
S 25	12 8 10	3°54'24	8♒58	13°38	4°55	0°50	23°40	15°10	4°22	24°42	2° 2	17°40	17° 0	22°52	14°24	S 25
M26	12 12 7	4°53'57	22°59	13°D33	6° 9	1°33	23°52	15° 8	4°20	24°41	2° 3	17°36	16°57	22°59	14°27	M26
T 27	12 16 3	5°53'28	7♓30	13°34	7°22	2°16	24° 4	15° 5	4°18	24°40	2° 3	17°29	16°53	23° 6	14°30	T 27
W28	12 20 0	6°52'57	22°25	13°41	8°36	2°59	24°15	15° 2	4°16	24°39	2° 4	17°20	16°50	23°12	14°33	W28
T 29	12 23 56	7°52'24	7♈37	13°54	9°49	3°42	24°27	14°59	4°14	24°38	2° 5	17°10	16°47	23°19	14°37	T 29
F 30	12 27 53	8°51'50	22°55	14°11	11° 2	4°24	24°39	14°55	4°12	24°37	2° 6	16°58	16°44	23°26	14°40	F 30
S 31	12 31 49	9♈51'13	8♉ 8	14♓34	12♓16	5♒ 7	24♉51	14♏52	4♍10	24♏36	2♊ 7	16♋48	16♋41	23♎33	14♉44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	7s50	4s41	4s47	0n52	2n19	18s46	0n 5	23s14	0s32	16n50	0s49	14s11	2n30	10n18	0n48	17s17	1n45	7n41	13s 5	21n59	22n11	3s 7	14n 4	1s50	
F 2	7 28	0n56	5 5	1 13	2 33	18 31	0 2	23 10	0 33	16 52	0 49	14 10	2 30	10 19	0 48	17 17	1 45	7 41	13 4	22 0	22 11	3 9	14 4	1 50	
S 3	7 5	6 27	5 2	1 29	2 46	18 16	0s 1	23 7	0 33	16 55	0 49	14 10	2 31	10 20	0 48	17 17	1 45	7 41	13 4	22 1	22 11	3 12	14 5	1 50	
S 4	6 42	11 31	4 39	1 41	2 58	18 0	0 4	23 3	0 34	16 57	0 48	14 9	2 31	10 21	0 48	17 17	1 45	7 42	13 4	22 2	22 12	3 14	14 6	1 50	
M 5	6 19	15 50	3 59	1 48	3 9	17 43	0 8	22 58	0 35	17 0	0 48	14 9	2 31	10 21	0 48	17 17	1 45	7 42	13 4	22 2	22 12	3 17	14 6	1 50	
T 6	5 55	19 9	3 6	1 49	3 18	17 26	0 11	22 54	0 36	17 3	0 48	14 8	2 31	10 22	0 48	17 16	1 45	7 42	13 3	22 2	22 13	3 20	14 7	1 50	
W 7	5 32	21 18	2 3	1 46	3 26	17 9	0 14	22 49	0 37	17 6	0 48	14 8	2 31	10 23	0 48	17 16	1 45	7 43	13 3	22 2	22 13	3 22	14 8	1 50	
T 8	5 9	22 12	0 56	1 38	3 32	16 50	0 17	22 45	0 38	17 8	0 48	14 7	2 32	10 24	0 48	17 16	1 45	7 43	13 3	22 2	22 14	3 25	14 9	1 50	
F 9	4 45	21 53	0n13	1 26	3 37	16 32	0 20	22 40	0 39	17 11	0 47	14 7	2 32	10 25	0 48	17 16	1 45	7 44	13 2	22 2	22 14	3 27	14 9	1 50	
S 10	4 22	20 26	1 20	1 9	3 39	16 13	0 23	22 34	0 40	17 14	0 47	14 6	2 32	10 26	0 48	17 16	1 45	7 44	13 2	22 2	22 14	3 30	14 10	1 50	
S 11	3 58	17 59	2 22	0 48	3 39	15 53	0 25	22 29	0 41	17 17	0 47	14 6	2 32	10 27	0 48	17 16	1 45	7 44	13 2	22 3	22 15	3 32	14 11	1 50	
M12	3 35	14 45	3 17	0 25	3 37	15 33	0 28	22 23	0 42	17 20	0 47	14 5	2 33	10 28	0 48	17 16	1 45	7 45	13 2	22 4	22 15	3 35	14 12	1 50	
T 13	3 11	10 56	4 1	0s 2	3 33	15 13	0 31	22 17	0 43	17 22	0 47	14 4	2 33	10 29	0 48	17 15	1 46	7 45	13 1	22 5	22 16	3 37	14 13	1 50	
W14	2 48	6 42	4 34	0 31	3 28	14 52	0 34	22 11	0 44	17 25	0 46	14 4	2 33	10 30	0 48	17 15	1 46	7 45	13 1	22 7	22 16	3 40	14 13	1 50	
T 15	2 24	2 15	4 54	1 1	3 20	14 31	0 37	22 5	0 45	17 28	0 46	14 3	2 33	10 31	0 48	17 15	1 46	7 46	13 1	22 8	22 16	3 42	14 14	1 50	
F 16	2 0	2s16	5 2	1 32	3 10	14 10	0 39	21 58	0 46	17 31	0 46	14 2	2 33	10 32	0 48	17 15	1 46	7 46	13 0	22 10	22 17	3 45	14 15	1 50	
S 17	1 37	6 40	4 56	2 3	3 0	13 48	0 42	21 52	0 47	17 34	0 46	14 1	2 34	10 32	0 48	17 15	1 46	7 47	13 0	22 12	22 17	3 47	14 16	1 50	
S 18	1 13	10 49	4 37	2 34	2 47	13 25	0 44	21 45	0 48	17 37	0 46	14 0	2 34	10 33	0 48	17 14	1 46	7 47	13 0	22 13	22 18	3 50	14 17	1 50	
M19	0 49	14 35	4 7	3 4	2 34	13 2	0 47	21 38	0 49	17 40	0 45	14 0	2 34	10 34	0 48	17 14	1 46	7 47	13 0	22 14	22 18	3 52	14 18	1 50	
T 20	0 25	17 47	3 25	3 32	2 20	12 39	0 49	21 30	0 50	17 43	0 45	13 59	2 34	10 35	0 48	17 14	1 46	7 48	12 59	22 15	22 19	3 55	14 19	1 50	
W21	0 2	20 16	2 34	3 59	2 6	12 16	0 52	21 23	0 51	17 46	0 45	13 58	2 34	10 36	0 48	17 14	1 46	7 48	12 59	22 15	22 19	3 58	14 20	1 50	
T 22	0n22	21 51	1 34	4 24	1 51	11 52	0 54	21 15	0 52	17 49	0 45	13 57	2 34	10 37	0 48	17 13	1 46	7 49	12 59	22 15	22 19	4 0	14 21	1 50	
F 23	0 46	22 23	0 28	4 47	1 36	11 28	0 56	21 7	0 53	17 52	0 45	13 56	2 35	10 37	0 48	17 13	1 46	7 49	12 58	22 15	22 20	4 3	14 21	1 50	
S 24	1 9	21 42	0s41	5 7	1 21	11 3	0 59	20 59	0 54	17 55	0 44	13 55	2 35	10 38	0 48	17 13	1 46	7 49	12 58	22 15	22 20	4 5	14 22	1 50	
S 25	1 33	19 46	1 50	5 26	1 5	10 39	1 1	20 51	0 55	17 58	0 44	13 54	2 35	10 39	0 48	17 13	1 46	7 50	12 58	22 15	22 21	4 8	14 23	1 50	
M26	1 57	16 36	2 55	5 41	0 51	10 14	1 3	20 43	0 56	18 1	0 44	13 53	2 35	10 40	0 48	17 12	1 46	7 50	12 58	22 16	22 21	4 10	14 24	1 50	
T 27	2 20	12 19	3 51	5 54	0 36	9 48	1 5	20 34	0 57	18 4	0 44	13 52	2 35	10 40	0 48	17 12	1 46	7 51	12 57	22 17	22 21	4 13	14 25	1 50	
W28	2 44	7 11	4 33	6 5	0 22	9 23	1 7	20 25	0 58	18 7	0 44	13 51	2 35	10 41	0 48	17 12	1 46	7 51	12 57	22 18	22 22	4 15	14 26	1 50	
T 29	3 7	1 31	4 56	6 13	0 8	8 57	1 9	20 16	0 59	18 10	0 44	13 50	2 36	10 42	0 48	17 12	1 46	7 51	12 57	22 19	22 22	4 18	14 27	1 50	
F 30	3 31	4n17	4 59	6 18	0s 6	8 31	1 11	20 7	1 0	18 13	0 43	13 49	2 36	10 43	0 48	17 11	1 46	7 52	12 57	22 21	22 23	4 20	14 28	1 50	
S 31	3n54	9n47	4s40	6s22	0s19	8s 4	1s12	19s58	1s 1	18n16	0s43	13s48	2n36	10n43	0n48	17s11	1n46	7n52	12s56	22n22	22n23	4s23	14n29	1s50	

Julian Day Number = 2499450.5, Delta T = 109.64 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°34'23, Lahiri = 25°41'23

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ASTRODIENST EPHEMERIS for the year 2131
geocentric

APRIL 2131 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 35 46	10♈50'34	23♉ 5	15♓ 1	13♓29	5♒50	25♉ 3	14°R49	4°R 8	24°R35	2♊ 8	16°R40	16♋38	23♎39	14♉47	S 1
M 2	12 39 42	11°49'53	7♊39	15°33	14°43	6°33	25°15	14♏45	4♍ 6	24♏34	2° 9	16♋34	16°34	23°46	14°51	M 2
T 3	12 43 39	12°49'09	21°46	16° 9	15°56	7°16	25°27	14°42	4° 4	24°33	2°10	16°31	16°31	23°53	14°54	T 3
W 4	12 47 36	13°48'24	5♋26	16°49	17°10	7°59	25°39	14°38	4° 2	24°32	2°10	16°30	16°28	23°59	14°58	W 4
T 5	12 51 32	14°47'36	18°40	17°32	18°23	8°42	25°51	14°35	4° 0	24°31	2°11	16°30	16°25	24° 6	15° 1	T 5
F 6	12 55 29	15°46'45	1♌32	18°19	19°37	9°25	26° 4	14°31	3°59	24°29	2°12	16°29	16°22	24°13	15° 5	F 6
S 7	12 59 25	16°45'52	14° 7	19°10	20°50	10° 8	26°16	14°28	3°57	24°28	2°13	16°27	16°18	24°20	15° 8	S 7
S 8	13 3 22	17°44'57	26°27	20° 4	22° 4	10°51	26°29	14°24	3°55	24°27	2°14	16°23	16°15	24°26	15°12	S 8
M 9	13 7 18	18°44'00	8♍37	21° 0	23°17	11°34	26°41	14°20	3°54	24°26	2°15	16°16	16°12	24°33	15°16	M 9
T 10	13 11 15	19°43'00	20°40	22° 0	24°31	12°17	26°54	14°16	3°52	24°24	2°16	16° 6	16° 9	24°40	15°19	T 10
W11	13 15 11	20°41'59	2♎38	23° 2	25°44	13° 0	27° 7	14°12	3°50	24°23	2°18	15°53	16° 6	24°46	15°23	W11
T 12	13 19 8	21°40'55	14°33	24° 7	26°58	13°43	27°19	14° 8	3°49	24°22	2°19	15°39	16° 3	24°53	15°27	T 12
F 13	13 23 5	22°39'49	26°26	25°14	28°11	14°26	27°32	14° 4	3°47	24°21	2°20	15°25	15°59	25° 0	15°31	F 13
S 14	13 27 1	23°38'41	8♏18	26°24	29°25	15° 9	27°45	14° 0	3°46	24°19	2°21	15°11	15°56	25° 7	15°34	S 14
S 15	13 30 58	24°37'31	20°11	27°36	0♈38	15°52	27°58	13°56	3°45	24°18	2°22	15° 0	15°53	25°13	15°38	S 15
M16	13 34 54	25°36'20	2♐ 8	28°51	1°52	16°35	28°11	13°52	3°43	24°17	2°23	14°51	15°50	25°20	15°42	M16
T 17	13 38 51	26°35'07	14°10	0♈ 7	3° 5	17°18	28°24	13°48	3°42	24°15	2°24	14°44	15°47	25°27	15°46	T 17
W18	13 42 47	27°33'51	26°20	1°25	4°19	18° 1	28°37	13°43	3°41	24°14	2°25	14°41	15°43	25°33	15°50	W18
T 19	13 46 44	28°32'35	8♑42	2°46	5°32	18°44	28°50	13°39	3°40	24°12	2°26	14°40	15°40	25°40	15°53	T 19
F 20	13 50 40	29°31'16	21°21	4° 8	6°46	19°27	29° 3	13°35	3°38	24°11	2°27	14°D40	15°37	25°47	15°57	F 20
S 21	13 54 37	0♉29'56	4♒21	5°33	7°59	20°10	29°17	13°30	3°37	24° 9	2°29	14°R40	15°34	25°54	16° 1	S 21
S 22	13 58 34	1°28'34	17°46	6°59	9°13	20°53	29°30	13°26	3°36	24° 8	2°30	14°39	15°31	26° 0	16° 5	S 22
M23	14 2 30	2°27'11	1♓38	8°27	10°26	21°36	29°43	13°22	3°35	24° 7	2°31	14°36	15°28	26° 7	16° 9	M23
T 24	14 6 27	3°25'45	15°59	9°57	11°40	22°19	29°57	13°17	3°34	24° 5	2°32	14°30	15°24	26°14	16°13	T 24
W25	14 10 23	4°24'18	0♈46	11°28	12°53	23° 2	0♊10	13°13	3°33	24° 4	2°33	14°22	15°21	26°21	16°17	W25
T 26	14 14 20	5°22'50	15°53	13° 2	14° 7	23°45	0°23	13° 8	3°33	24° 2	2°35	14°13	15°18	26°27	16°21	T 26
F 27	14 18 16	6°21'20	1♉11	14°37	15°21	24°28	0°37	13° 4	3°32	24° 1	2°36	14° 3	15°15	26°34	16°25	F 27
S 28	14 22 13	7°19'47	16°28	16°14	16°34	25°11	0°50	12°59	3°31	23°59	2°37	13°54	15°12	26°41	16°29	S 28
S 29	14 26 9	8°18'13	1♊33	17°53	17°48	25°54	1° 4	12°55	3°30	23°57	2°38	13°46	15° 9	26°47	16°33	S 29
M30	14 30 6	9♉16'38	16♊18	19♈33	19♈ 1	26♒37	1♊18	12♏50	3♍30	23♏56	2♊40	13♋41	15♋ 5	26♎54	16♉37	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n17	14n37	4s 2	6s23	0s31	7s38	1s14	19s48	1s 2	18n19	0s43	13s47	2n36	10n44	0n48	17s11	1n46	7n53	12s56	22n23	22n23	4s26	14n30	1s50
M 2	4 40	18 27	3 10	6 21	0 43	7 11	1 16	19 39	1 3	18 22	0 43	13 46	2 36	10 45	0 48	17 11	1 46	7 53	12 56	22 24	22 24	4 28	14 31	1 50
T 3	5 4	21 4	2 7	6 18	0 55	6 44	1 17	19 29	1 4	18 25	0 43	13 45	2 36	10 45	0 48	17 10	1 46	7 53	12 56	22 24	22 24	4 31	14 32	1 50
W 4	5 27	22 21	0 58	6 12	1 5	6 17	1 19	19 19	1 6	18 28	0 43	13 44	2 36	10 46	0 48	17 10	1 47	7 54	12 55	22 24	22 24	4 33	14 33	1 50
T 5	5 50	22 19	0n11	6 5	1 15	5 49	1 20	19 9	1 7	18 31	0 42	13 42	2 37	10 47	0 48	17 10	1 47	7 54	12 55	22 24	22 25	4 36	14 34	1 50
F 6	6 12	21 5	1 19	5 55	1 25	5 22	1 22	18 58	1 8	18 34	0 42	13 41	2 37	10 47	0 48	17 9	1 47	7 55	12 55	22 24	22 25	4 38	14 35	1 51
S 7	6 35	18 49	2 20	5 44	1 34	4 54	1 23	18 48	1 9	18 37	0 42	13 40	2 37	10 48	0 48	17 9	1 47	7 55	12 55	22 25	22 26	4 41	14 36	1 51
S 8	6 58	15 44	3 14	5 30	1 43	4 26	1 24	18 37	1 10	18 40	0 42	13 39	2 37	10 48	0 48	17 9	1 47	7 55	12 55	22 25	22 26	4 43	14 37	1 51
M 9	7 20	12 1	3 58	5 15	1 50	3 58	1 25	18 26	1 11	18 43	0 42	13 38	2 37	10 49	0 48	17 8	1 47	7 56	12 54	22 26	22 26	4 46	14 38	1 51
T 10	7 42	7 51	4 31	4 58	1 58	3 30	1 27	18 15	1 12	18 47	0 42	13 36	2 37	10 50	0 48	17 8	1 47	7 56	12 54	22 27	22 27	4 48	14 39	1 51
W11	8 5	3 25	4 52	4 40	2 4	3 2	1 28	18 4	1 13	18 50	0 41	13 35	2 37	10 50	0 48	17 8	1 47	7 57	12 54	22 29	22 27	4 51	14 40	1 51
T 12	8 27	1s 8	4 59	4 20	2 11	2 34	1 29	17 53	1 14	18 53	0 41	13 34	2 37	10 51	0 48	17 7	1 47	7 57	12 54	22 30	22 28	4 54	14 41	1 51
F 13	8 49	5 37	4 54	3 58	2 16	2 5	1 29	17 41	1 15	18 56	0 41	13 33	2 37	10 51	0 48	17 7	1 47	7 57	12 53	22 32	22 28	4 56	14 42	1 51
S 14	9 10	9 54	4 36	3 35	2 21	1 37	1 30	17 30	1 16	18 59	0 41	13 31	2 37	10 52	0 48	17 7	1 47	7 58	12 53	22 33	22 28	4 59	14 43	1 51
S 15	9 32	13 50	4 6	3 11	2 25	1 8	1 31	17 18	1 17	19 2	0 41	13 30	2 38	10 52	0 48	17 6	1 47	7 58	12 53	22 35	22 29	5 1	14 44	1 51
M16	9 54	17 14	3 25	2 45	2 29	0 40	1 32	17 6	1 19	19 5	0 41	13 29	2 38	10 53	0 48	17 6	1 47	7 59	12 53	22 36	22 29	5 4	14 46	1 51
T 17	10 15	19 56	2 34	2 17	2 33	0 11	1 32	16 54	1 20	19 8	0 41	13 27	2 38	10 53	0 48	17 6	1 47	7 59	12 53	22 36	22 29	5 6	14 47	1 51
W18	10 36	21 47	1 35	1 49	2 35	0n18	1 33	16 42	1 21	19 11	0 40	13 26	2 38	10 53	0 48	17 5	1 47	7 59	12 53	22 37	22 30	5 9	14 48	1 51
T 19	10 57	22 37	0 32	1 19	2 38	0 46	1 33	16 30	1 22	19 14	0 40	13 25	2 38	10 54	0 48	17 5	1 47	8 0	12 52	22 37	22 30	5 11	14 49	1 51
F 20	11 18	22 19	0s35	0 48	2 39	1 15	1 34	16 17	1 23	19 17	0 40	13 23	2 38	10 54	0 47	17 4	1 47	8 0	12 52	22 37	22 30	5 14	14 50	1 51
S 21	11 38	20 49	1 42	0 15	2 40	1 44	1 34	16 5	1 24	19 20	0 40	13 22	2 38	10 55	0 47	17 4	1 47	8 1	12 52	22 37	22 31	5 17	14 51	1 51
S 22	11 59	18 8	2 46	0n18	2 41	2 12	1 34	15 52	1 25	19 23	0 40	13 21	2 38	10 55	0 47	17 4	1 47	8 1	12 52	22 37	22 31	5 19	14 52	1 51
M23	12 19	14 20	3 42	0 53	2 41	2 41	1 34	15 39	1 26	19 26	0 40	13 19	2 38	10 55	0 47	17 3	1 47	8 1	12 52	22 37	22 32	5 22	14 53	1 51
T 24	12 39	9 36	4 26	1 29	2 41	3 10	1 34	15 27	1 27	19 29	0 40	13 18	2 38	10 56	0 47	17 3	1 47	8 2	12 51	22 38	22 32	5 24	14 54	1 51
W25	12 59	4 11	4 54	2 5	2 39	3 38	1 34	15 13	1 29	19 32	0 40	13 17	2 38	10 56	0 47	17 2	1 47	8 2	12 51	22 39	22 32	5 27	14 55	1 51
T 26	13 18	1n36	5 2	2 43	2 38	4 7	1 34	15 0	1 30	19 35	0 39	13 15	2 38	10 56	0 47	17 2	1 47	8 2	12 51	22 40	22 33	5 29	14 56	1 51
F 27	13 38	7 21	4 49	3 22	2 36	4 35	1 34	14 47	1 31	19 37	0 39	13 14	2 38	10 56	0 47	17 2	1 47	8 3	12 51	22 41	22 33	5 32	14 57	1 51
S 28	13 57	12 40	4 15	4 1	2 33	5 4	1 34	14 34	1 32	19 40	0 39	13 13	2 38	10 57	0 47	17 1	1 47	8 3	12 51	22 42	22 33	5 34	14 58	1 51
S 29	14 16	17 7	3 24	4 42	2 30	5 32	1 34	14 20	1 33	19 43	0 39	13 11	2 38	10 57	0 47	17 1	1 47	8 4	12 51	22 43	22 34	5 37	14 59	1 52
M30	14n34	20n24	2s20	5n23	2s26	6n 0	1s34	14s 7	1s34	19n46	0s39	13s10	2n38	10n57	0n47	17s 1	1n47	8n 4	12s51	22n43	22n34	5s39	15n 0	1s52

Julian Day Number = 2499481.5, Delta T = 109.69 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°34'27, Lahiri = 25°41'27

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ASTRODIENST EPHEMERIS for the year 2131
geocentric

MAY 2131 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 34 3	10♉15'00	0♋35	21♈16	20♈15	27♒20	1♊31	12°R46	3°R29	23°R54	2♊41	13°R38	15♋ 2	27♎ 1	16♉41	T 1
W 2	14 37 59	11°13'20	14°25	23° 0	21°28	28° 3	1°45	12♏41	3♍29	23♏53	2°42	13°D37	14°59	27° 8	16°45	W 2
T 3	14 41 56	12°11'38	27°46	24°45	22°42	28°46	1°58	12°37	3°28	23°51	2°43	13♋38	14°56	27°14	16°49	T 3
F 4	14 45 52	13° 9'54	10♌42	26°33	23°55	29°29	2°12	12°32	3°28	23°50	2°45	13°R38	14°53	27°21	16°53	F 4
S 5	14 49 49	14° 8'07	23°17	28°22	25° 9	0♓11	2°26	12°27	3°27	23°48	2°46	13°38	14°49	27°28	16°57	S 5
S 6	14 53 45	15° 6'19	5♍35	0♉14	26°22	0°54	2°40	12°23	3°27	23°46	2°47	13°36	14°46	27°34	17° 1	S 6
M 7	14 57 42	16° 4'29	17°41	2° 6	27°36	1°37	2°54	12°18	3°27	23°45	2°49	13°31	14°43	27°41	17° 5	M 7
T 8	15 1 38	17° 2'37	29°39	4° 1	28°49	2°20	3° 7	12°14	3°27	23°43	2°50	13°25	14°40	27°48	17° 9	T 8
W 9	15 5 35	18° 0'43	11♎33	5°58	0♉ 3	3° 3	3°21	12° 9	3°26	23°42	2°51	13°16	14°37	27°55	17°13	W 9
T 10	15 9 32	18°58'47	23°25	7°56	1°16	3°46	3°35	12° 5	3°26	23°40	2°53	13° 6	14°34	28° 1	17°17	T 10
F 11	15 13 28	19°56'49	5♏17	9°56	2°30	4°28	3°49	12° 0	3°D26	23°38	2°54	12°56	14°30	28° 8	17°21	F 11
S 12	15 17 25	20°54'50	17°12	11°57	3°43	5°11	4° 3	11°56	3°26	23°37	2°55	12°46	14°27	28°15	17°25	S 12
S 13	15 21 21	21°52'49	29°11	14° 1	4°57	5°54	4°17	11°51	3°26	23°35	2°57	12°38	14°24	28°22	17°29	S 13
M14	15 25 18	22°50'47	11♐15	16° 5	6°10	6°36	4°31	11°47	3°26	23°33	2°58	12°31	14°21	28°28	17°33	M14
T 15	15 29 14	23°48'43	23°25	18°12	7°23	7°19	4°45	11°43	3°27	23°32	2°59	12°27	14°18	28°35	17°37	T 15
W16	15 33 11	24°46'38	5♑45	20°19	8°37	8° 2	4°59	11°38	3°27	23°30	3° 1	12°25	14°15	28°42	17°41	W16
T 17	15 37 7	25°44'31	18°17	22°28	9°50	8°44	5°13	11°34	3°27	23°29	3° 2	12°D25	14°11	28°48	17°45	T 17
F 18	15 41 4	26°42'23	1♒ 2	24°38	11° 4	9°27	5°27	11°30	3°27	23°27	3° 3	12°26	14° 8	28°55	17°49	F 18
S 19	15 45 1	27°40'14	14° 5	26°48	12°17	10°10	5°41	11°25	3°28	23°25	3° 5	12°28	14° 5	29° 2	17°53	S 19
S 20	15 48 57	28°38'04	27°29	28°59	13°31	10°52	5°55	11°21	3°28	23°24	3° 6	12°R28	14° 2	29° 9	17°57	S 20
M21	15 52 54	29°35'53	11♓15	1♊10	14°44	11°35	6° 9	11°17	3°29	23°22	3° 7	12°28	13°59	29°15	18° 1	M21
T 22	15 56 50	0♊33'40	25°24	3°22	15°58	12°17	6°23	11°13	3°29	23°20	3° 9	12°25	13°55	29°22	18° 5	T 22
W23	16 0 47	1°31'26	9♈56	5°33	17°11	13° 0	6°37	11° 9	3°30	23°19	3°10	12°21	13°52	29°29	18° 9	W23
T 24	16 4 43	2°29'12	24°46	7°44	18°25	13°42	6°51	11° 4	3°31	23°17	3°11	12°16	13°49	29°35	18°13	T 24
F 25	16 8 40	3°26'56	9♉47	9°54	19°38	14°24	7° 5	11° 0	3°31	23°16	3°13	12°10	13°46	29°42	18°17	F 25
S 26	16 12 36	4°24'39	24°50	12° 2	20°52	15° 7	7°19	10°56	3°32	23°14	3°14	12° 5	13°43	29°49	18°21	S 26
S 27	16 16 33	5°22'21	9♊47	14°10	22° 5	15°49	7°33	10°52	3°33	23°12	3°15	12° 1	13°40	29°56	18°25	S 27
M28	16 20 30	6°20'01	24°29	16°16	23°19	16°31	7°47	10°49	3°34	23°11	3°17	11°58	13°36	0♏ 2	18°29	M28
T 29	16 24 26	7°17'41	8♋48	18°20	24°32	17°13	8° 1	10°45	3°35	23° 9	3°18	11°D57	13°33	0° 9	18°32	T 29
W30	16 28 23	8°15'18	22°42	20°22	25°46	17°55	8°15	10°41	3°36	23° 8	3°20	11°57	13°30	0°16	18°36	W30
T 31	16 32 19	9♊12'55	6♌ 9	22♊23	26♉59	18♓37	8♊29	10♏37	3♍37	23♏ 6	3♊21	11♋58	13♋27	0♏22	18♉40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14n53	22n16	1s 9	6n 5	2s22	6n28	1s33	13s53	1s35	19n49	0s39	13s 9	2n38	10n57	0n47	17s 0	1n47	8n 4	12s50	22n43	22n34	5s42	15n 2	1s52	
W 2	15 11	22 43	0n 4	6 48	2 17	6 56	1 33	13 39	1 37	19 52	0 39	13 7	2 38	10 57	0 47	17 0	1 47	8 5	12 50	22 44	22 35	5 45	15 3	1 52	
T 3	15 29	21 49	1 15	7 32	2 12	7 24	1 32	13 25	1 38	19 55	0 39	13 6	2 38	10 57	0 47	16 59	1 47	8 5	12 50	22 43	22 35	5 47	15 4	1 52	
F 4	15 47	19 46	2 19	8 16	2 6	7 51	1 32	13 11	1 39	19 58	0 38	13 5	2 38	10 58	0 47	16 59	1 47	8 5	12 50	22 43	22 36	5 50	15 5	1 52	
S 5	16 4	16 49	3 15	9 1	2 0	8 19	1 31	12 57	1 40	20 0	0 38	13 3	2 38	10 58	0 47	16 59	1 47	8 6	12 50	22 43	22 36	5 52	15 6	1 52	
S 6	16 21	13 11	4 1	9 46	1 54	8 46	1 30	12 43	1 41	20 3	0 38	13 2	2 38	10 58	0 47	16 58	1 47	8 6	12 50	22 44	22 36	5 55	15 7	1 52	
M 7	16 38	9 5	4 35	10 32	1 46	9 13	1 29	12 29	1 42	20 6	0 38	13 1	2 38	10 58	0 47	16 58	1 47	8 6	12 50	22 44	22 37	5 57	15 8	1 52	
T 8	16 55	4 40	4 56	11 18	1 39	9 40	1 29	12 15	1 43	20 9	0 38	12 59	2 38	10 58	0 47	16 57	1 47	8 7	12 50	22 45	22 37	6 0	15 9	1 52	
W 9	17 11	0 7	5 5	12 4	1 31	10 7	1 28	12 0	1 44	20 11	0 38	12 58	2 38	10 58	0 47	16 57	1 47	8 7	12 50	22 46	22 37	6 2	15 10	1 52	
T 10	17 27	4s26	5 0	12 51	1 22	10 33	1 27	11 46	1 46	20 14	0 38	12 57	2 38	10 58	0 47	16 57	1 47	8 7	12 49	22 47	22 38	6 5	15 11	1 52	
F 11	17 43	8 50	4 42	13 37	1 13	10 59	1 26	11 31	1 47	20 17	0 38	12 55	2 38	10 58	0 47	16 56	1 47	8 8	12 49	22 48	22 38	6 8	15 12	1 52	
S 12	17 58	12 55	4 12	14 24	1 4	11 25	1 25	11 17	1 48	20 20	0 38	12 54	2 38	10 58	0 47	16 56	1 47	8 8	12 49	22 49	22 38	6 10	15 13	1 52	
S 13	18 13	16 32	3 31	15 10	0 55	11 51	1 23	11 2	1 49	20 22	0 37	12 53	2 38	10 58	0 47	16 55	1 47	8 8	12 49	22 49	22 39	6 13	15 14	1 53	
M14	18 28	19 28	2 40	15 56	0 45	12 16	1 22	10 47	1 50	20 25	0 37	12 52	2 38	10 58	0 47	16 55	1 47	8 9	12 49	22 50	22 39	6 15	15 15	1 53	
T 15	18 43	21 35	1 41	16 41	0 35	12 41	1 21	10 32	1 51	20 28	0 37	12 50	2 37	10 58	0 46	16 54	1 47	8 9	12 49	22 50	22 39	6 18	15 16	1 53	
W16	18 57	22 42	0 36	17 25	0 24	13 6	1 20	10 17	1 52	20 30	0 37	12 49	2 37	10 57	0 46	16 54	1 47	8 9	12 49	22 51	22 40	6 20	15 17	1 53	
T 17	19 11	22 42	0s32	18 9	0 14	13 31	1 18	10 2	1 54	20 33	0 37	12 48	2 37	10 57	0 46	16 54	1 47	8 10	12 49	22 51	22 40	6 23	15 18	1 53	
F 18	19 24	21 31	1 39	18 51	0 3	13 55	1 17	9 47	1 55	20 35	0 37	12 47	2 37	10 57	0 46	16 53	1 47	8 10	12 49	22 50	22 40	6 25	15 19	1 53	
S 19	19 38	19 11	2 43	19 33	0n 7	14 19	1 15	9 32	1 56	20 38	0 37	12 45	2 37	10 57	0 46	16 53	1 47	8 10	12 49	22 50	22 41	6 28	15 20	1 53	
S 20	19 50	15 46	3 39	20 12	0 18	14 43	1 14	9 17	1 57	20 40	0 37	12 44	2 37	10 57	0 46	16 53	1 47	8 10	12 49	22 50	22 41	6 31	15 21	1 53	
M21	20 3	11 26	4 25	20 50	0 28	15 6	1 12	9 2	1 58	20 43	0 37	12 43	2 37	10 57	0 46	16 52	1 47	8 11	12 49	22 50	22 41	6 33	15 22	1 53	
T 22	20 15	6 21	4 56	21 26	0 38	15 29	1 11	8 47	1 59	20 45	0 37	12 42	2 37	10 56	0 46	16 52	1 47	8 11	12 49	22 51	22 42	6 36	15 23	1 53	
W23	20 27	0 49	5 9	22 0	0 48	15 51	1 9	8 32	2 0	20 48	0 36	12 41	2 37	10 56	0 46	16 51	1 47	8 11	12 49	22 51	22 42	6 38	15 24	1 54	
T 24	20 39	4n53	5 2	22 32	0 58	16 13	1 7	8 16	2 1	20 50	0 36	12 40	2 36	10 56	0 46	16 51	1 47	8 12	12 48	22 51	22 42	6 41	15 25	1 54	
F 25	20 50	10 23	4 35	23 1	1 7	16 35	1 6	8 1	2 3	20 53	0 36	12 38	2 36	10 55	0 46	16 51	1 47	8 12	12 48	22 52	22 43	6 43	15 26	1 54	
S 26	21 0	15 16	3 48	23 28	1 16	16 56	1 4	7 46	2 4	20 55	0 36	12 37	2 36	10 55	0 46	16 50	1 47	8 12	12 48	22 52	22 43	6 46	15 27	1 54	
S 27	21 11	19 10	2 46	23 52	1 24	17 17	1 2	7 30	2 5	20 58	0 36	12 36	2 36	10 55	0 46	16 50	1 47	8 12	12 48	22 53	22 43	6 48	15 28	1 54	
M28	21 21	21 45	1 34	24 14	1 31	17 37	1 0	7 15	2 6	21 0	0 36	12 35	2 36	10 54	0 46	16 49	1 47	8 13	12 48	22 53	22 44	6 51	15 29	1 54	
T 29	21 31	22 51	0 17	24 33	1 38	17 57	0 58	7 0	2 7	21 2	0 36	12 34	2 36	10 54	0 46	16 49	1 47	8 13	12 48	22 53	22 44	6 54	15 30	1 54	
W30	21 40	22 28	0n58	24 49	1 45	18 17	0 56	6 44	2 8	21 5	0 36	12 33	2 36	10 54	0 46	16 49	1 47	8 13	12 48	22 53	22 44	6 56	15 31	1 54	
T 31	21n49	20n48	2n 8	25n 2	1n50	18n36	0s54	6s29	2s 9	21n 7	0s36	12s32	2n35	10n53	0n46	16s48	1n47	8n13	12s48	22n53	22n45	6s59	15n32	1s54	

Julian Day Number = 2499511.5, Delta T = 109.74 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°34'31, Lahiri = 25°41'32

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ASTRODIENST EPHEMERIS for the year 2131
geocentric

JUNE 2131 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 36 16	10♊10'30	19♌10	24♊20	28♉13	19♓19	8♊43	10°R34	3♍38	23°R 5	3♊22	12♋ 0	13♋24	0♏29	18♉44	F 1
S 2	16 40 12	11° 8'04	1♍50	26°16	29°27	20° 1	8°58	10♏30	3°39	23♏ 3	3°24	12° 1	13°21	0°36	18°48	S 2
S 3	16 44 9	12° 5'36	14°11	28° 9	0♊40	20°43	9°12	10°26	3°40	23° 1	3°25	12°R 2	13°17	0°43	18°52	S 3
M 4	16 48 5	13° 3'07	26°18	29°59	1°54	21°25	9°26	10°23	3°41	23° 0	3°26	12° 1	13°14	0°49	18°55	M 4
T 5	16 52 2	14° 0'36	8♎16	1♋47	3° 7	22° 7	9°40	10°20	3°42	22°58	3°28	11°59	13°11	0°56	18°59	T 5
W 6	16 55 59	14°58'05	20° 9	3°32	4°21	22°48	9°54	10°16	3°44	22°57	3°29	11°55	13° 8	1° 3	19° 3	W 6
T 7	16 59 55	15°55'32	2♏ 1	5°15	5°34	23°30	10° 8	10°13	3°45	22°56	3°30	11°51	13° 5	1° 9	19° 7	T 7
F 8	17 3 52	16°52'58	13°55	6°54	6°48	24°11	10°22	10°10	3°47	22°54	3°32	11°47	13° 1	1°16	19°10	F 8
S 9	17 7 48	17°50'23	25°54	8°31	8° 1	24°53	10°36	10° 7	3°48	22°53	3°33	11°43	12°58	1°23	19°14	S 9
S 10	17 11 45	18°47'47	8♐ 0	10° 5	9°15	25°34	10°50	10° 4	3°50	22°51	3°34	11°40	12°55	1°30	19°18	S 10
M11	17 15 41	19°45'10	20°15	11°36	10°28	26°16	11° 4	10° 1	3°51	22°50	3°36	11°38	12°52	1°36	19°21	M11
T 12	17 19 38	20°42'32	2♑39	13° 5	11°42	26°57	11°18	9°58	3°53	22°48	3°37	11°36	12°49	1°43	19°25	T 12
W13	17 23 34	21°39'54	15°15	14°30	12°55	27°38	11°32	9°55	3°54	22°47	3°38	11°D36	12°46	1°50	19°28	W13
T 14	17 27 31	22°37'15	28° 4	15°53	14° 9	28°19	11°45	9°52	3°56	22°46	3°39	11°37	12°42	1°56	19°32	T 14
F 15	17 31 28	23°34'35	11♒ 5	17°12	15°22	29° 0	11°59	9°50	3°58	22°44	3°41	11°38	12°39	2° 3	19°35	F 15
S 16	17 35 24	24°31'55	24°22	18°29	16°36	29°41	12°13	9°47	4° 0	22°43	3°42	11°39	12°36	2°10	19°39	S 16
S 17	17 39 21	25°29'14	7♓53	19°43	17°49	0♈22	12°27	9°44	4° 2	22°42	3°43	11°40	12°33	2°17	19°42	S 17
M18	17 43 17	26°26'33	21°41	20°53	19° 3	1° 3	12°41	9°42	4° 3	22°40	3°45	11°R41	12°30	2°23	19°46	M18
T 19	17 47 14	27°23'51	5♈45	22° 1	20°17	1°43	12°55	9°40	4° 5	22°39	3°46	11°41	12°27	2°30	19°49	T 19
W20	17 51 10	28°21'10	20° 3	23° 5	21°30	2°24	13° 9	9°37	4° 7	22°38	3°47	11°40	12°23	2°37	19°53	W20
T 21	17 55 7	29°18'28	4♉33	24° 6	22°44	3° 5	13°22	9°35	4° 9	22°37	3°48	11°39	12°20	2°43	19°56	T 21
F 22	17 59 3	0♋15'45	19°11	25° 3	23°57	3°45	13°36	9°33	4°12	22°35	3°50	11°38	12°17	2°50	19°59	F 22
S 23	18 3 0	1°13'03	3♊50	25°58	25°11	4°25	13°50	9°31	4°14	22°34	3°51	11°36	12°14	2°57	20° 2	S 23
S 24	18 6 57	2°10'20	18°25	26°48	26°25	5° 5	14° 3	9°29	4°16	22°33	3°52	11°35	12°11	3° 4	20° 6	S 24
M25	18 10 53	3° 7'37	2♋49	27°35	27°38	5°45	14°17	9°28	4°18	22°32	3°53	11°35	12° 7	3°10	20° 9	M25
T 26	18 14 50	4° 4'54	16°57	28°18	28°52	6°25	14°31	9°26	4°20	22°31	3°55	11°D35	12° 4	3°17	20°12	T 26
W27	18 18 46	5° 2'10	0♌45	28°57	0♋ 6	7° 5	14°44	9°24	4°23	22°30	3°56	11°35	12° 1	3°24	20°15	W27
T 28	18 22 43	5°59'25	14°10	29°32	1°19	7°45	14°58	9°23	4°25	22°28	3°57	11°36	11°58	3°30	20°18	T 28
F 29	18 26 39	6°56'40	27°13	0♌ 4	2°33	8°24	15°11	9°21	4°27	22°27	3°58	11°36	11°55	3°37	20°21	F 29
S 30	18 30 36	7♋53'55	9♍55	0♌30	3♋47	9♈ 4	15♊25	9♏20	4♍30	22♏26	3♊59	11♋37	11♋52	3♏44	20♉24	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n58	18n 4	3n 9	25n13	1n55	18n54	0s52	6s13	2s10	21n 9	0s36	12s31	2n35	10n53	0n46	16s48	1n47	8n14	12s48	22n53	22n45	7s 1	15n33	1s55
S 2	22 6	14 32	3 59	25 21	1 59	19 12	0 50	5 58	2 11	21 11	0 36	12 30	2 35	10 52	0 46	16 48	1 47	8 14	12 48	22 53	22 45	7 4	15 34	1 55
S 3	22 13	10 29	4 37	25 27	2 2	19 30	0 48	5 42	2 12	21 14	0 35	12 29	2 35	10 52	0 46	16 47	1 47	8 14	12 48	22 53	22 46	7 6	15 35	1 55
M 4	22 21	6 5	5 1	25 30	2 5	19 47	0 46	5 27	2 14	21 16	0 35	12 28	2 35	10 51	0 46	16 47	1 47	8 14	12 48	22 53	22 46	7 9	15 36	1 55
T 5	22 28	1 30	5 12	25 31	2 7	20 3	0 44	5 11	2 15	21 18	0 35	12 28	2 35	10 51	0 46	16 46	1 47	8 15	12 48	22 53	22 46	7 11	15 37	1 55
W 6	22 34	3s 5	5 10	25 30	2 8	20 19	0 42	4 56	2 16	21 20	0 35	12 27	2 34	10 50	0 46	16 46	1 47	8 15	12 48	22 53	22 46	7 14	15 37	1 55
T 7	22 41	7 34	4 54	25 27	2 8	20 34	0 39	4 40	2 17	21 22	0 35	12 26	2 34	10 50	0 46	16 46	1 47	8 15	12 48	22 54	22 47	7 17	15 38	1 55
F 8	22 47	11 47	4 25	25 22	2 7	20 49	0 37	4 25	2 18	21 24	0 35	12 25	2 34	10 49	0 46	16 45	1 47	8 15	12 48	22 54	22 47	7 19	15 39	1 55
S 9	22 52	15 34	3 45	25 15	2 6	21 3	0 35	4 9	2 19	21 26	0 35	12 24	2 34	10 49	0 45	16 45	1 47	8 15	12 48	22 54	22 47	7 22	15 40	1 56
S 10	22 57	18 45	2 54	25 6	2 4	21 17	0 33	3 54	2 20	21 29	0 35	12 23	2 34	10 48	0 45	16 45	1 47	8 16	12 48	22 55	22 48	7 24	15 41	1 56
M11	23 2	21 9	1 55	24 55	2 1	21 30	0 30	3 39	2 21	21 31	0 35	12 23	2 33	10 48	0 45	16 44	1 47	8 16	12 49	22 55	22 48	7 27	15 42	1 56
T 12	23 6	22 35	0 49	24 43	1 57	21 43	0 28	3 23	2 22	21 33	0 35	12 22	2 33	10 47	0 45	16 44	1 47	8 16	12 49	22 55	22 48	7 29	15 43	1 56
W13	23 10	22 53	0s20	24 30	1 53	21 54	0 26	3 8	2 23	21 34	0 35	12 21	2 33	10 46	0 45	16 44	1 47	8 16	12 49	22 55	22 49	7 32	15 43	1 56
T 14	23 13	22 0	1 30	24 16	1 48	22 6	0 23	2 52	2 24	21 36	0 35	12 21	2 33	10 46	0 45	16 44	1 47	8 16	12 49	22 55	22 49	7 34	15 44	1 56
F 15	23 16	19 56	2 36	24 0	1 42	22 16	0 21	2 37	2 25	21 38	0 35	12 20	2 33	10 45	0 45	16 43	1 47	8 17	12 49	22 55	22 49	7 37	15 45	1 56
S 16	23 19	16 46	3 35	23 43	1 35	22 26	0 19	2 22	2 26	21 40	0 35	12 19	2 32	10 44	0 45	16 43	1 47	8 17	12 49	22 55	22 50	7 40	15 46	1 56
S 17	23 21	12 40	4 23	23 26	1 28	22 36	0 16	2 6	2 27	21 42	0 34	12 19	2 32	10 44	0 45	16 43	1 47	8 17	12 49	22 55	22 50	7 42	15 47	1 57
M18	23 22	7 50	4 57	23 7	1 20	22 44	0 14	1 51	2 28	21 44	0 34	12 18	2 32	10 43	0 45	16 42	1 47	8 17	12 49	22 55	22 50	7 45	15 47	1 57
T 19	23 24	2 32	5 14	22 48	1 12	22 53	0 11	1 36	2 29	21 46	0 34	12 18	2 32	10 42	0 45	16 42	1 47	8 17	12 49	22 55	22 50	7 47	15 48	1 57
W20	23 25	3n 0	5 13	22 28	1 2	23 0	0 9	1 21	2 30	21 48	0 34	12 17	2 31	10 41	0 45	16 42	1 47	8 17	12 49	22 55	22 51	7 50	15 49	1 57
T 21	23 25	8 27	4 51	22 8	0 52	23 7	0 7	1 5	2 31	21 49	0 34	12 17	2 31	10 41	0 45	16 41	1 47	8 17	12 49	22 55	22 51	7 52	15 50	1 57
F 22	23 25	13 29	4 11	21 47	0 42	23 13	0 4	0 50	2 32	21 51	0 34	12 16	2 31	10 40	0 45	16 41	1 47	8 18	12 49	22 55	22 51	7 55	15 50	1 57
S 23	23 25	17 43	3 14	21 27	0 31	23 18	0 2	0 35	2 33	21 53	0 34	12 16	2 31	10 39	0 45	16 41	1 47	8 18	12 49	22 55	22 52	7 57	15 51	1 58
S 24	23 24	20 51	2 5	21 5	0 19	23 23	0n 1	0 20	2 34	21 54	0 34	12 16	2 30	10 38	0 45	16 41	1 46	8 18	12 49	22 55	22 52	8 0	15 52	1 58
M25	23 23	22 35	0 48	20 44	0 7	23 27	0 3	0 5	2 35	21 56	0 34	12 15	2 30	10 37	0 45	16 40	1 46	8 18	12 49	22 55	22 52	8 2	15 52	1 58
T 26	23 22	22 50	0n30	20 23	0s 6	23 30	0 5	0n10	2 36	21 58	0 34	12 15	2 30	10 37	0 45	16 40	1 46	8 18	12 50	22 55	22 52	8 5	15 53	1 58
W27	23 20	21 40	1 44	20 2	0 19	23 33	0 8	0 24	2 37	21 59	0 34	12 15	2 30	10 36	0 45	16 40	1 46	8 18	12 50	22 55	22 53	8 8	15 54	1 58
T 28	23 17	19 18	2 51	19 41	0 33	23 35	0 10	0 39	2 38	22 1	0 34	12 15	2 29	10 35	0 45	16 40	1 46	8 18	12 50	22 55	22 53	8 10	15 54	1 58
F 29	23 14	15 59	3 47	19 21	0 47	23 36	0 13	0 54	2 39	22 2	0 34	12 14	2 29	10 34	0 45	16 39	1 46	8 18	12 50	22 55	22 53	8 13	15 55	1 58
S 30	23n11	12n 0	4n30	19n 1	1s 2	23n37	0n15	1n 9	2s40	22n 4	0s34	12s14	2n29	10n33	0n45	16s39	1n46	8n18	12s50	22n55	22n54	8s15	15n56	1s59

Julian Day Number = 2499542.5, Delta T = 109.79 sec
Ecliptic obliquity = 23°25'17, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°34'35, Lahiri = 25°41'36

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ASTRODIENST EPHEMERIS for the year 2131
geocentric

JULY 2131 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 34 33	8♋51'09	22♍19	0♌53	5♋ 0	9♈43	15♊38	9°R19	4♍32	22°R25	4♊ 0	11♋37	11♋48	3♏51	20♉27	S 1
M 2	18 38 29	9°48'22	4♎29	1°11	6°14	10°22	15°52	9♏18	4°35	22♏24	4° 2	11°37	11°45	3°57	20°30	M 2
T 3	18 42 26	10°45'35	16°28	1°25	7°28	11° 1	16° 5	9°16	4°37	22°23	4° 3	11°R37	11°42	4° 4	20°33	T 3
W 4	18 46 22	11°42'48	28°22	1°34	8°41	11°40	16°18	9°16	4°40	22°23	4° 4	11°D37	11°39	4°11	20°36	W 4
T 5	18 50 19	12°40'00	10♏15	1°R38	9°55	12°19	16°32	9°15	4°42	22°22	4° 5	11°37	11°36	4°17	20°39	T 5
F 6	18 54 15	13°37'12	22°11	1°38	11° 9	12°57	16°45	9°14	4°45	22°21	4° 6	11°37	11°33	4°24	20°42	F 6
S 7	18 58 12	14°34'23	4♐13	1°33	12°22	13°36	16°58	9°13	4°48	22°20	4° 7	11°37	11°29	4°31	20°45	S 7
S 8	19 2 8	15°31'35	16°26	1°23	13°36	14°14	17°11	9°13	4°50	22°19	4° 8	11°38	11°26	4°38	20°47	S 8
M 9	19 6 5	16°28'46	28°52	1° 9	14°50	14°52	17°24	9°12	4°53	22°18	4° 9	11°38	11°23	4°44	20°50	M 9
T 10	19 10 2	17°25'58	11♑32	0°51	16° 4	15°30	17°37	9°12	4°56	22°17	4°10	11°R38	11°20	4°51	20°53	T 10
W11	19 13 58	18°23'09	24°28	0°28	17°17	16° 8	17°50	9°12	4°59	22°17	4°11	11°38	11°17	4°58	20°55	W11
T 12	19 17 55	19°20'21	7♒38	0° 2	18°31	16°46	18° 3	9°11	5° 2	22°16	4°12	11°38	11°13	5° 4	20°58	T 12
F 13	19 21 51	20°17'33	21° 4	29♋32	19°45	17°23	18°16	9°D11	5° 5	22°15	4°13	11°37	11°10	5°11	21° 0	F 13
S 14	19 25 48	21°14'45	4♓43	29° 0	20°59	18° 0	18°29	9°11	5° 8	22°15	4°14	11°36	11° 7	5°18	21° 3	S 14
S 15	19 29 44	22°11'57	18°33	28°24	22°12	18°37	18°42	9°11	5°11	22°14	4°15	11°34	11° 4	5°25	21° 5	S 15
M16	19 33 41	23° 9'10	2♈33	27°47	23°26	19°14	18°55	9°12	5°14	22°13	4°16	11°33	11° 1	5°31	21° 7	M16
T 17	19 37 37	24° 6'23	16°41	27° 8	24°40	19°51	19° 7	9°12	5°17	22°13	4°17	11°33	10°58	5°38	21°10	T 17
W18	19 41 34	25° 3'37	0♉53	26°28	25°54	20°28	19°20	9°12	5°20	22°12	4°18	11°D33	10°54	5°45	21°12	W18
T 19	19 45 31	26° 0'52	15° 9	25°48	27° 8	21° 4	19°32	9°13	5°23	22°12	4°19	11°33	10°51	5°51	21°14	T 19
F 20	19 49 27	26°58'07	29°25	25° 9	28°22	21°40	19°45	9°13	5°26	22°11	4°20	11°34	10°48	5°58	21°16	F 20
S 21	19 53 24	27°55'23	13♊38	24°31	29°36	22°16	19°57	9°14	5°29	22°11	4°21	11°35	10°45	6° 5	21°19	S 21
S 22	19 57 20	28°52'40	27°46	23°55	0♌49	22°52	20°10	9°15	5°32	22°10	4°22	11°36	10°42	6°12	21°21	S 22
M23	20 1 17	29°49'58	11♋45	23°22	2° 3	23°27	20°22	9°16	5°35	22°10	4°22	11°R37	10°39	6°18	21°23	M23
T 24	20 5 13	0♌47'16	25°31	22°52	3°17	24° 2	20°34	9°17	5°39	22°10	4°23	11°36	10°35	6°25	21°25	T 24
W25	20 9 10	1°44'34	9♌ 3	22°26	4°31	24°37	20°46	9°18	5°42	22° 9	4°24	11°35	10°32	6°32	21°27	W25
T 26	20 13 6	2°41'53	22°17	22° 4	5°45	25°12	20°59	9°19	5°45	22° 9	4°25	11°32	10°29	6°38	21°28	T 26
F 27	20 17 3	3°39'13	5♍14	21°47	6°59	25°46	21°11	9°20	5°48	22° 9	4°26	11°29	10°26	6°45	21°30	F 27
S 28	20 21 0	4°36'32	17°53	21°35	8°13	26°21	21°23	9°22	5°52	22° 9	4°26	11°26	10°23	6°52	21°32	S 28
S 29	20 24 56	5°33'53	0♎16	21°28	9°27	26°55	21°34	9°23	5°55	22° 8	4°27	11°22	10°19	6°59	21°34	S 29
M30	20 28 53	6°31'13	12°26	21°D27	10°41	27°28	21°46	9°25	5°58	22° 8	4°28	11°20	10°16	7° 5	21°35	M30
T 31	20 32 49	7♌28'34	24♎25	21♋32	11♌55	28♈ 2	21♊58	9♏27	6♍ 2	22♏ 8	4♊29	11♋18	10♋13	7♏12	21♉37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 8	7n38	4n59	18n41	1s17	23n37	0n17	1n23	2s41	22n 5	0s34	12s14	2n29	10n32	0n45	16s39	1n46	8n19	12s50	22n55	22n54	8s18	15n56	1s59
M 2	23 4	3 2	5 15	18 23	1 32	23 36	0 20	1 38	2 41	22 7	0 34	12 14	2 28	10 31	0 45	16 39	1 46	8 19	12 50	22 55	22 54	8 20	15 57	1 59
T 3	22 59	1s36	5 16	18 5	1 48	23 35	0 22	1 52	2 42	22 8	0 34	12 14	2 28	10 30	0 45	16 39	1 46	8 19	12 50	22 55	22 54	8 23	15 58	1 59
W 4	22 54	6 9	5 4	17 47	2 3	23 32	0 24	2 6	2 43	22 10	0 33	12 14	2 28	10 29	0 45	16 38	1 46	8 19	12 50	22 55	22 55	8 25	15 58	1 59
T 5	22 49	10 28	4 38	17 31	2 19	23 29	0 26	2 21	2 44	22 11	0 33	12 14	2 28	10 28	0 45	16 38	1 46	8 19	12 51	22 55	22 55	8 28	15 59	2 0
F 6	22 44	14 25	4 1	17 16	2 35	23 26	0 29	2 35	2 45	22 13	0 33	12 14	2 27	10 27	0 45	16 38	1 46	8 19	12 51	22 55	22 55	8 30	15 59	2 0
S 7	22 38	17 49	3 13	17 2	2 50	23 22	0 31	2 49	2 46	22 14	0 33	12 14	2 27	10 26	0 45	16 38	1 46	8 19	12 51	22 55	22 56	8 33	16 0	2 0
S 8	22 31	20 29	2 15	16 49	3 5	23 17	0 33	3 3	2 47	22 15	0 33	12 14	2 27	10 25	0 44	16 38	1 46	8 19	12 51	22 55	22 56	8 36	16 0	2 0
M 9	22 24	22 15	1 10	16 38	3 20	23 11	0 35	3 17	2 47	22 16	0 33	12 14	2 27	10 24	0 44	16 38	1 46	8 19	12 51	22 55	22 56	8 38	16 1	2 0
T 10	22 17	22 55	0 1	16 28	3 34	23 5	0 37	3 31	2 48	22 18	0 33	12 14	2 26	10 23	0 44	16 37	1 46	8 19	12 51	22 55	22 56	8 41	16 1	2 0
W11	22 10	22 22	1s10	16 19	3 48	22 57	0 40	3 44	2 49	22 19	0 33	12 14	2 26	10 22	0 44	16 37	1 46	8 19	12 51	22 55	22 57	8 43	16 2	2 1
T 12	22 2	20 35	2 19	16 12	4 1	22 50	0 42	3 58	2 50	22 20	0 33	12 14	2 26	10 21	0 44	16 37	1 46	8 19	12 52	22 55	22 57	8 46	16 2	2 1
F 13	21 53	17 39	3 21	16 7	4 12	22 41	0 44	4 12	2 51	22 21	0 33	12 15	2 26	10 20	0 44	16 37	1 46	8 19	12 52	22 55	22 57	8 48	16 3	2 1
S 14	21 45	13 42	4 13	16 3	4 23	22 32	0 46	4 25	2 51	22 22	0 33	12 15	2 25	10 19	0 44	16 37	1 46	8 19	12 52	22 55	22 57	8 51	16 3	2 1
S 15	21 36	8 59	4 51	16 1	4 33	22 23	0 48	4 38	2 52	22 24	0 33	12 15	2 25	10 18	0 44	16 37	1 45	8 19	12 52	22 55	22 58	8 53	16 4	2 1
M16	21 26	3 46	5 12	16 0	4 41	22 12	0 50	4 52	2 53	22 25	0 33	12 16	2 25	10 17	0 44	16 37	1 45	8 19	12 52	22 55	22 58	8 56	16 4	2 2
T 17	21 16	1n42	5 15	16 1	4 47	22 1	0 52	5 5	2 54	22 26	0 33	12 16	2 25	10 15	0 44	16 37	1 45	8 19	12 52	22 55	22 58	8 58	16 5	2 2
W18	21 6	7 7	4 58	16 3	4 52	21 50	0 53	5 18	2 54	22 27	0 33	12 16	2 24	10 14	0 44	16 37	1 45	8 19	12 53	22 55	22 58	9 1	16 5	2 2
T 19	20 56	12 10	4 24	16 7	4 56	21 37	0 55	5 31	2 55	22 28	0 33	12 17	2 24	10 13	0 44	16 36	1 45	8 19	12 53	22 55	22 59	9 3	16 5	2 2
F 20	20 45	16 33	3 32	16 12	4 58	21 24	0 57	5 43	2 56	22 29	0 33	12 17	2 24	10 12	0 44	16 36	1 45	8 19	12 53	22 55	22 59	9 6	16 6	2 2
S 21	20 34	19 58	2 28	16 19	4 58	21 11	0 59	5 56	2 56	22 30	0 33	12 18	2 23	10 11	0 44	16 36	1 45	8 19	12 53	22 55	22 59	9 9	16 6	2 2
S 22	20 22	22 8	1 16	16 27	4 56	20 57	1 1	6 8	2 57	22 31	0 33	12 18	2 23	10 10	0 44	16 36	1 45	8 19	12 53	22 55	22 59	9 11	16 7	2 3
M23	20 10	22 55	0n 1	16 35	4 53	20 42	1 2	6 21	2 58	22 32	0 33	12 19	2 23	10 8	0 44	16 36	1 45	8 19	12 54	22 55	23 0	9 14	16 7	2 3
T 24	19 58	22 16	1 16	16 45	4 48	20 26	1 4	6 33	2 58	22 33	0 33	12 19	2 23	10 7	0 44	16 36	1 45	8 19	12 54	22 55	23 0	9 16	16 7	2 3
W25	19 45	20 19	2 25	16 56	4 41	20 11	1 5	6 45	2 59	22 34	0 33	12 20	2 22	10 6	0 44	16 36	1 45	8 19	12 54	22 55	23 0	9 19	16 8	2 3
T 26	19 33	17 19	3 25	17 7	4 33	19 54	1 7	6 57	3 0	22 34	0 33	12 20	2 22	10 5	0 44	16 36	1 45	8 19	12 54	22 55	23 0	9 21	16 8	2 3
F 27	19 19	13 31	4 13	17 19	4 24	19 37	1 8	7 9	3 0	22 35	0 33	12 21	2 22	10 3	0 44	16 36	1 45	8 19	12 54	22 56	23 1	9 24	16 8	2 4
S 28	19 6	9 12	4 48	17 31	4 14	19 19	1 10	7 21	3 1	22 36	0 33	12 22	2 22	10 2	0 44	16 36	1 45	8 19	12 54	22 56	23 1	9 26	16 8	2 4
S 29	18 52	4 36	5 8	17 44	4 2	19 1	1 11	7 33	3 1	22 37	0 32	12 23	2 21	10 1	0 44	16 36	1 45	8 19	12 55	22 56	23 1	9 29	16 9	2 4
M30	18 38	0s 5	5 14	17 56	3 49	18 42	1 12	7 44	3 2	22 38	0 32	12 23	2 21	10 0	0 44	16 36	1 45	8 19	12 55	22 56	23 1	9 31	16 9	2 4
T 31	18n23	4s43	5n 6	18n 9	3s36	18n23	1n14	7n55	3s 2	22n38	0s32	12s24	2n21	9n58	0n44	16s36	1n45	8n18	12s55	22n57	23n 2	9s34	16n 9	2s 4

Julian Day Number = 2499572.5, Delta T = 109.84 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°34'39, Lahiri = 25°41'40

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ASTRODIENST EPHEMERIS for the year 2131
geocentric

AUGUST 2131 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 36 46	8♌25'56	6♏19	21♋43	13♌ 9	28♈35	22♊10	9♏28	6♍ 5	22°R 8	4♊29	11°D17	10♋10	7♏19	21♉39	W 1
T 2	20 40 42	9°23'18	18°11	22° 1	14°23	29° 8	22°21	9°30	6° 9	22♏ 8	4°30	11♋17	10° 7	7°25	21°40	T 2
F 3	20 44 39	10°20'41	0♐ 8	22°24	15°37	29°40	22°33	9°32	6°12	22° 8	4°31	11°18	10° 4	7°32	21°42	F 3
S 4	20 48 35	11°18'04	12°12	22°54	16°51	0♉13	22°44	9°34	6°16	22°D 8	4°31	11°20	10° 0	7°39	21°43	S 4
S 5	20 52 32	12°15'28	24°29	23°30	18° 5	0°44	22°55	9°36	6°19	22° 8	4°32	11°22	9°57	7°45	21°44	S 5
M 6	20 56 29	13°12'53	7♑ 3	24°12	19°19	1°16	23° 7	9°39	6°23	22° 8	4°33	11°R23	9°54	7°52	21°46	M 6
T 7	21 0 25	14°10'18	19°55	25° 1	20°33	1°47	23°18	9°41	6°26	22° 8	4°33	11°22	9°51	7°59	21°47	T 7
W 8	21 4 22	15° 7'45	3♒ 9	25°55	21°47	2°18	23°29	9°43	6°30	22° 8	4°34	11°21	9°48	8° 6	21°48	W 8
T 9	21 8 18	16° 5'12	16°42	26°56	23° 1	2°49	23°40	9°46	6°33	22° 8	4°34	11°17	9°44	8°12	21°49	T 9
F 10	21 12 15	17° 2'40	0♓34	28° 2	24°15	3°19	23°51	9°48	6°37	22° 8	4°35	11°13	9°41	8°19	21°50	F 10
S 11	21 16 11	18° 0'09	14°40	29°14	25°29	3°49	24° 1	9°51	6°41	22° 9	4°35	11° 7	9°38	8°26	21°51	S 11
S 12	21 20 8	18°57'39	28°56	0♌32	26°43	4°19	24°12	9°54	6°44	22° 9	4°36	11° 2	9°35	8°32	21°52	S 12
M13	21 24 4	19°55'11	13♈18	1°54	27°57	4°48	24°23	9°57	6°48	22° 9	4°36	10°57	9°32	8°39	21°53	M13
T 14	21 28 1	20°52'44	27°40	3°22	29°11	5°17	24°33	10° 0	6°51	22° 9	4°37	10°53	9°29	8°46	21°54	T 14
W15	21 31 58	21°50'18	11♉58	4°55	0♍25	5°46	24°44	10° 3	6°55	22°10	4°37	10°51	9°25	8°53	21°54	W15
T 16	21 35 54	22°47'54	26° 9	6°31	1°39	6°14	24°54	10° 6	6°59	22°10	4°38	10°D51	9°22	8°59	21°55	T 16
F 17	21 39 51	23°45'32	10♊11	8°12	2°53	6°42	25° 4	10° 9	7° 2	22°11	4°38	10°52	9°19	9° 6	21°56	F 17
S 18	21 43 47	24°43'11	24° 5	9°57	4° 7	7° 9	25°14	10°12	7° 6	22°11	4°38	10°53	9°16	9°13	21°56	S 18
S 19	21 47 44	25°40'51	7♋48	11°45	5°21	7°36	25°24	10°16	7°10	22°11	4°39	10°R54	9°13	9°19	21°57	S 19
M20	21 51 40	26°38'33	21°21	13°35	6°36	8° 2	25°34	10°19	7°14	22°12	4°39	10°53	9°10	9°26	21°57	M20
T 21	21 55 37	27°36'17	4♌43	15°29	7°50	8°28	25°44	10°23	7°17	22°12	4°39	10°51	9° 6	9°33	21°58	T 21
W22	21 59 33	28°34'01	17°53	17°24	9° 4	8°54	25°53	10°26	7°21	22°13	4°40	10°46	9° 3	9°39	21°58	W22
T 23	22 3 30	29°31'48	0♍50	19°21	10°18	9°19	26° 3	10°30	7°25	22°14	4°40	10°40	9° 0	9°46	21°58	T 23
F 24	22 7 27	0♍29'35	13°34	21°19	11°32	9°43	26°12	10°34	7°28	22°14	4°40	10°31	8°57	9°53	21°59	F 24
S 25	22 11 23	1°27'24	26° 4	23°18	12°46	10° 7	26°22	10°38	7°32	22°15	4°40	10°22	8°54	10° 0	21°59	S 25
S 26	22 15 20	2°25'14	8♎22	25°18	14° 0	10°31	26°31	10°42	7°36	22°16	4°41	10°13	8°50	10° 6	21°59	S 26
M27	22 19 16	3°23'05	20°28	27°18	15°14	10°54	26°40	10°46	7°40	22°16	4°41	10° 4	8°47	10°13	21°R59	M27
T 28	22 23 13	4°20'58	2♏25	29°18	16°29	11°17	26°49	10°50	7°44	22°17	4°41	9°58	8°44	10°20	21°59	T 28
W29	22 27 9	5°18'52	14°17	1♍18	17°43	11°39	26°58	10°54	7°47	22°18	4°41	9°53	8°41	10°26	21°59	W29
T 30	22 31 6	6°16'47	26° 8	3°17	18°57	12° 0	27° 6	10°58	7°51	22°19	4°41	9°51	8°38	10°33	21°59	T 30
F 31	22 35 2	7♍14'44	8♐ 2	5♍16	20♍11	12♉21	27♊15	11♏ 3	7♍55	22♏20	4♊41	9°D50	8♋35	10♏40	21♉59	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n 9	9s 8	4n44	18n21	3s22	18n 3	1n15	8n 7	3s 3	22n39	0s32	12s25	2n21	9n57	0n44	16s36	1n45	8n18	12s55	22n57	23n 2	9s36	16n 9	2s 5
T 2	17 53	13 13	4 11	18 33	3 7	17 43	1 16	8 18	3 3	22 40	0 32	12 26	2 20	9 56	0 44	16 36	1 44	8 18	12 56	22 57	23 2	9 39	16 9	2 5
F 3	17 38	16 47	3 27	18 44	2 52	17 22	1 17	8 29	3 4	22 40	0 32	12 27	2 20	9 55	0 44	16 36	1 44	8 18	12 56	22 56	23 2	9 41	16 10	2 5
S 4	17 22	19 43	2 33	18 54	2 37	17 1	1 18	8 39	3 4	22 41	0 32	12 27	2 20	9 53	0 44	16 36	1 44	8 18	12 56	22 56	23 3	9 44	16 10	2 5
S 5	17 7	21 47	1 31	19 4	2 21	16 39	1 19	8 50	3 5	22 42	0 32	12 28	2 19	9 52	0 44	16 36	1 44	8 18	12 56	22 56	23 3	9 46	16 10	2 6
M 6	16 50	22 50	0 24	19 12	2 5	16 17	1 20	9 1	3 5	22 42	0 32	12 29	2 19	9 51	0 44	16 37	1 44	8 18	12 56	22 56	23 3	9 49	16 10	2 6
T 7	16 34	22 43	0s47	19 20	1 49	15 55	1 21	9 11	3 6	22 43	0 32	12 30	2 19	9 49	0 44	16 37	1 44	8 18	12 57	22 56	23 3	9 52	16 10	2 6
W 8	16 17	21 19	1 56	19 25	1 33	15 32	1 22	9 21	3 6	22 44	0 32	12 31	2 19	9 48	0 44	16 37	1 44	8 18	12 57	22 56	23 4	9 54	16 10	2 6
T 9	16 0	18 41	3 1	19 29	1 17	15 8	1 22	9 31	3 6	22 44	0 32	12 32	2 18	9 47	0 44	16 37	1 44	8 17	12 57	22 57	23 4	9 57	16 10	2 6
F 10	15 43	14 56	3 56	19 32	1 2	14 44	1 23	9 41	3 7	22 45	0 32	12 33	2 18	9 45	0 44	16 37	1 44	8 17	12 57	22 57	23 4	9 59	16 10	2 7
S 11	15 25	10 18	4 38	19 32	0 47	14 20	1 24	9 51	3 7	22 45	0 32	12 34	2 18	9 44	0 44	16 37	1 44	8 17	12 57	22 57	23 4	10 2	16 10	2 7
S 12	15 8	5 3	5 3	19 30	0 32	13 55	1 24	10 0	3 7	22 46	0 32	12 36	2 18	9 43	0 44	16 37	1 44	8 17	12 58	22 58	23 5	10 4	16 10	2 7
M13	14 50	0n29	5 10	19 26	0 18	13 30	1 25	10 10	3 8	22 46	0 32	12 37	2 17	9 41	0 44	16 37	1 44	8 17	12 58	22 58	23 5	10 7	16 10	2 7
T 14	14 32	6 1	4 57	19 20	0 4	13 5	1 25	10 19	3 8	22 47	0 32	12 38	2 17	9 40	0 44	16 37	1 44	8 17	12 58	22 59	23 5	10 9	16 10	2 7
W15	14 13	11 12	4 26	19 10	0n 9	12 39	1 26	10 28	3 8	22 47	0 32	12 39	2 17	9 39	0 44	16 38	1 44	8 17	12 58	22 59	23 5	10 12	16 10	2 8
T 16	13 54	15 44	3 38	18 59	0 22	12 13	1 26	10 37	3 8	22 47	0 32	12 40	2 17	9 37	0 44	16 38	1 44	8 16	12 59	22 59	23 5	10 14	16 10	2 8
F 17	13 35	19 21	2 38	18 44	0 33	11 47	1 26	10 46	3 9	22 48	0 32	12 41	2 16	9 36	0 44	16 38	1 44	8 16	12 59	22 59	23 6	10 17	16 10	2 8
S 18	13 16	21 48	1 30	18 27	0 44	11 20	1 26	10 55	3 9	22 48	0 32	12 43	2 16	9 34	0 44	16 38	1 44	8 16	12 59	22 59	23 6	10 19	16 10	2 8
S 19	12 57	22 55	0 17	18 7	0 54	10 53	1 26	11 3	3 9	22 49	0 32	12 44	2 16	9 33	0 44	16 38	1 43	8 16	12 59	22 59	23 6	10 22	16 10	2 8
M20	12 37	22 39	0n56	17 45	1 3	10 25	1 26	11 12	3 9	22 49	0 32	12 45	2 16	9 32	0 44	16 38	1 43	8 16	13 0	22 59	23 6	10 24	16 10	2 9
T 21	12 18	21 6	2 5	17 19	1 12	9 58	1 26	11 20	3 9	22 49	0 32	12 47	2 15	9 30	0 44	16 39	1 43	8 16	13 0	22 59	23 7	10 27	16 10	2 9
W22	11 58	18 24	3 6	16 52	1 19	9 30	1 26	11 28	3 9	22 50	0 32	12 48	2 15	9 29	0 44	16 39	1 43	8 15	13 0	22 59	23 7	10 29	16 10	2 9
T 23	11 38	14 51	3 56	16 22	1 25	9 2	1 26	11 35	3 9	22 50	0 32	12 49	2 15	9 28	0 44	16 39	1 43	8 15	13 0	23 0	23 7	10 32	16 10	2 9
F 24	11 17	10 39	4 33	15 49	1 31	8 33	1 26	11 43	3 9	22 50	0 32	12 51	2 15	9 26	0 44	16 39	1 43	8 15	13 1	23 0	23 7	10 34	16 10	2 10
S 25	10 57	6 6	4 57	15 15	1 36	8 5	1 26	11 51	3 9	22 50	0 32	12 52	2 15	9 25	0 44	16 39	1 43	8 15	13 1	23 1	23 7	10 37	16 9	2 10
S 26	10 36	1 22	5 6	14 38	1 39	7 36	1 25	11 58	3 9	22 51	0 32	12 54	2 14	9 23	0 44	16 40	1 43	8 15	13 1	23 2	23 8	10 39	16 9	2 10
M27	10 15	3s20	5 1	14 0	1 42	7 7	1 25	12 5	3 9	22 51	0 32	12 55	2 14	9 22	0 44	16 40	1 43	8 14	13 1	23 2	23 8	10 42	16 9	2 10
T 28	9 54	7 52	4 43	13 20	1 44	6 38	1 24	12 12	3 9	22 51	0 32	12 57	2 14	9 21	0 44	16 40	1 43	8 14	13 1	23 3	23 8	10 44	16 9	2 10
W29	9 33	12 5	4 13	12 39	1 46	6 8	1 24	12 19	3 9	22 51	0 32	12 58	2 14	9 19	0 44	16 40	1 43	8 14	13 2	23 3	23 8	10 47	16 9	2 11
T 30	9 12	15 50	3 32	11 57	1 46	5 39	1 23	12 25	3 9	22 52	0 32	13 0	2 13	9 18	0 44	16 41	1 43	8 14	13 2	23 3	23 8	10 49	16 8	2 11
F 31	8n51	18s58	2n42	11n13	1n46	5n 9	1n22	12n32	3s 9	22n52	0s32	13s 1	2n13	9n16	0n44	16s41	1n43	8n14	13s 2	23n 3	23n 9	10s52	16n 8	2s11

Julian Day Number = 2499603.5, Delta T = 109.89 sec
Ecliptic obliquity = 23°25'18, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°34'44, Lahiri = 25°41'44

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ASTRODIENST EPHEMERIS for the year 2131
geocentric

SEPTEMBER 2131 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 38 59	8♍12'42	20♐ 5	7♍14	21♍25	12♉41	27♊23	11♏ 7	7♍59	22♏20	4♊41	9♋51	8♋31	10♏46	21°R58	S 1
S 2	22 42 55	9°10'41	2♑21	9°11	22°39	13° 1	27°32	11°12	8° 2	22°21	4°41	9°52	8°28	10°53	21♉58	S 2
M 3	22 46 52	10° 8'42	14°57	11° 7	23°53	13°20	27°40	11°16	8° 6	22°22	4°41	9°R52	8°25	11° 0	21°58	M 3
T 4	22 50 49	11° 6'44	27°55	13° 2	25° 8	13°39	27°48	11°21	8°10	22°23	4°R41	9°50	8°22	11° 7	21°57	T 4
W 5	22 54 45	12° 4'47	11♒18	14°56	26°22	13°57	27°56	11°26	8°14	22°24	4°41	9°46	8°19	11°13	21°57	W 5
T 6	22 58 42	13° 2'52	25° 8	16°49	27°36	14°14	28° 4	11°30	8°17	22°25	4°41	9°40	8°16	11°20	21°56	T 6
F 7	23 2 38	14° 0'58	9♓21	18°41	28°50	14°31	28°11	11°35	8°21	22°26	4°41	9°32	8°12	11°27	21°55	F 7
S 8	23 6 35	14°59'06	23°53	20°32	0♎ 4	14°47	28°19	11°40	8°25	22°27	4°41	9°22	8° 9	11°33	21°55	S 8
S 9	23 10 31	15°57'16	8♈36	22°21	1°18	15° 2	28°26	11°45	8°29	22°29	4°41	9°12	8° 6	11°40	21°54	S 9
M10	23 14 28	16°55'28	23°24	24° 9	2°32	15°17	28°33	11°50	8°32	22°30	4°41	9° 3	8° 3	11°47	21°53	M10
T 11	23 18 24	17°53'41	8♉ 7	25°57	3°46	15°31	28°40	11°55	8°36	22°31	4°41	8°56	8° 0	11°53	21°52	T 11
W12	23 22 21	18°51'57	22°40	27°42	5° 1	15°44	28°47	12° 0	8°40	22°32	4°41	8°51	7°56	12° 0	21°52	W12
T 13	23 26 18	19°50'15	6♊58	29°27	6°15	15°56	28°54	12° 6	8°44	22°33	4°41	8°49	7°53	12° 7	21°51	T 13
F 14	23 30 14	20°48'34	20°59	1♎11	7°29	16° 8	29° 1	12°11	8°47	22°35	4°40	8°D48	7°50	12°14	21°50	F 14
S 15	23 34 11	21°46'56	4♋43	2°53	8°43	16°19	29° 7	12°16	8°51	22°36	4°40	8°R48	7°47	12°20	21°48	S 15
S 16	23 38 7	22°45'21	18°11	4°35	9°57	16°29	29°13	12°22	8°55	22°37	4°40	8°48	7°44	12°27	21°47	S 16
M17	23 42 4	23°43'47	1♌25	6°15	11°11	16°39	29°19	12°27	8°58	22°38	4°40	8°46	7°41	12°34	21°46	M17
T 18	23 46 0	24°42'15	14°26	7°54	12°25	16°48	29°25	12°33	9° 2	22°40	4°39	8°42	7°37	12°40	21°45	T 18
W19	23 49 57	25°40'46	27°15	9°32	13°40	16°55	29°31	12°38	9° 6	22°41	4°39	8°35	7°34	12°47	21°44	W19
T 20	23 53 53	26°39'18	9♍53	11°10	14°54	17° 2	29°37	12°44	9° 9	22°43	4°39	8°24	7°31	12°54	21°42	T 20
F 21	23 57 50	27°37'52	22°21	12°46	16° 8	17° 9	29°42	12°50	9°13	22°44	4°39	8°12	7°28	13° 0	21°41	F 21
S 22	0 1 47	28°36'28	4♎40	14°21	17°22	17°14	29°48	12°55	9°17	22°46	4°38	7°58	7°25	13° 7	21°39	S 22
S 23	0 5 43	29°35'06	16°48	15°55	18°36	17°18	29°53	13° 1	9°20	22°47	4°38	7°45	7°21	13°14	21°38	S 23
M24	0 9 40	0♎33'46	28°49	17°28	19°50	17°22	29°58	13° 7	9°24	22°49	4°37	7°32	7°18	13°21	21°36	M24
T 25	0 13 36	1°32'28	10♏42	19° 0	21° 4	17°25	0♋ 3	13°13	9°27	22°50	4°37	7°21	7°15	13°27	21°35	T 25
W26	0 17 33	2°31'12	22°32	20°31	22°18	17°27	0° 7	13°19	9°31	22°52	4°37	7°13	7°12	13°34	21°33	W26
T 27	0 21 29	3°29'57	4♐20	22° 1	23°33	17°28	0°12	13°25	9°34	22°53	4°36	7° 8	7° 9	13°41	21°31	T 27
F 28	0 25 26	4°28'44	16°12	23°30	24°47	17°R28	0°16	13°31	9°38	22°55	4°36	7° 5	7° 6	13°47	21°29	F 28
S 29	0 29 22	5°27'33	28°12	24°58	26° 1	17°27	0°20	13°37	9°41	22°57	4°35	7° 5	7° 2	13°54	21°28	S 29
S 30	0 33 19	6♎26'24	10♑25	26♎25	27♎15	17♉26	0♋24	13♏43	9♍45	22♏58	4♊35	7♋ 4	6♋59	14♏ 1	21♉26	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n29	21s19	1n44	10n29	1n45	4n39	1n22	12n38	3s 9	22n52	0s32	13s 3	2n13	9n15	0n44	16s41	1n43	8n13	13s 2	23n 3	23n 9	10s54	16n 8	2s11
S 2	8 7	22 44	0 40	9 43	1 44	4 9	1 21	12 44	3 8	22 52	0 32	13 4	2 13	9 14	0 44	16 41	1 43	8 13	13 3	23 3	23 9	10 57	16 8	2 12
M 3	7 46	23 2	0s27	8 57	1 42	3 39	1 20	12 50	3 8	22 52	0 32	13 6	2 13	9 12	0 44	16 42	1 43	8 13	13 3	23 3	23 9	10 59	16 7	2 12
T 4	7 24	22 7	1 35	8 11	1 39	3 9	1 19	12 56	3 8	22 53	0 32	13 8	2 12	9 11	0 44	16 42	1 43	8 13	13 3	23 3	23 9	11 2	16 7	2 12
W 5	7 2	19 56	2 39	7 24	1 36	2 38	1 18	13 2	3 7	22 53	0 32	13 9	2 12	9 9	0 44	16 42	1 42	8 12	13 3	23 4	23 10	11 4	16 7	2 12
T 6	6 39	16 32	3 37	6 37	1 33	2 8	1 17	13 7	3 7	22 53	0 32	13 11	2 12	9 8	0 44	16 43	1 42	8 12	13 4	23 4	23 10	11 7	16 6	2 12
F 7	6 17	12 6	4 22	5 50	1 29	1 37	1 16	13 12	3 7	22 53	0 32	13 13	2 12	9 7	0 44	16 43	1 42	8 12	13 4	23 5	23 10	11 9	16 6	2 13
S 8	5 55	6 54	4 52	5 3	1 24	1 7	1 14	13 17	3 6	22 53	0 32	13 14	2 11	9 5	0 44	16 43	1 42	8 12	13 4	23 5	23 10	11 12	16 5	2 13
S 9	5 32	1 14	5 3	4 15	1 20	0 36	1 13	13 22	3 6	22 53	0 32	13 16	2 11	9 4	0 44	16 44	1 42	8 11	13 4	23 6	23 10	11 14	16 5	2 13
M10	5 10	4n32	4 53	3 28	1 15	0 5	1 12	13 27	3 5	22 53	0 32	13 18	2 11	9 2	0 44	16 44	1 42	8 11	13 5	23 7	23 11	11 17	16 5	2 13
T 11	4 47	10 2	4 25	2 40	1 9	0s25	1 10	13 32	3 5	22 53	0 32	13 19	2 11	9 1	0 44	16 44	1 42	8 11	13 5	23 7	23 11	11 19	16 4	2 14
W12	4 24	14 54	3 39	1 53	1 4	0 56	1 9	13 36	3 4	22 53	0 32	13 21	2 11	9 0	0 44	16 45	1 42	8 11	13 5	23 8	23 11	11 22	16 4	2 14
T 13	4 1	18 49	2 40	1 6	0 58	1 27	1 8	13 40	3 3	22 53	0 32	13 23	2 11	8 58	0 44	16 45	1 42	8 10	13 5	23 8	23 11	11 24	16 3	2 14
F 14	3 38	21 34	1 33	0 19	0 51	1 57	1 6	13 44	3 3	22 54	0 32	13 25	2 10	8 57	0 44	16 45	1 42	8 10	13 6	23 8	23 11	11 27	16 3	2 14
S 15	3 15	22 59	0 22	0s27	0 45	2 28	1 4	13 48	3 2	22 54	0 32	13 26	2 10	8 55	0 44	16 46	1 42	8 10	13 6	23 8	23 12	11 29	16 2	2 14
S 16	2 52	23 0	0n50	1 14	0 39	2 59	1 3	13 52	3 1	22 54	0 32	13 28	2 10	8 54	0 44	16 46	1 42	8 10	13 6	23 8	23 12	11 32	16 2	2 15
M17	2 29	21 44	1 57	2 0	0 32	3 29	1 1	13 55	3 0	22 54	0 32	13 30	2 10	8 53	0 44	16 47	1 42	8 9	13 6	23 8	23 12	11 34	16 1	2 15
T 18	2 6	19 18	2 57	2 45	0 25	4 0	0 59	13 59	2 59	22 54	0 32	13 32	2 10	8 51	0 44	16 47	1 42	8 9	13 6	23 8	23 12	11 37	16 1	2 15
W19	1 43	15 58	3 46	3 30	0 18	4 30	0 57	14 2	2 58	22 54	0 32	13 34	2 9	8 50	0 44	16 47	1 42	8 9	13 7	23 9	23 12	11 39	16 0	2 15
T 20	1 20	11 56	4 24	4 15	0 11	5 1	0 55	14 5	2 57	22 54	0 31	13 36	2 9	8 49	0 44	16 48	1 42	8 9	13 7	23 9	23 13	11 42	16 0	2 15
F 21	0 56	7 27	4 49	4 59	0 4	5 31	0 54	14 8	2 56	22 54	0 31	13 38	2 9	8 47	0 44	16 48	1 42	8 8	13 7	23 10	23 13	11 44	15 59	2 16
S 22	0 33	2 44	4 59	5 42	0s 4	6 1	0 52	14 10	2 55	22 54	0 31	13 39	2 9	8 46	0 44	16 49	1 42	8 8	13 7	23 11	23 13	11 46	15 59	2 16
S 23	0 10	2s 2	4 56	6 26	0 11	6 31	0 50	14 13	2 54	22 54	0 31	13 41	2 9	8 45	0 44	16 49	1 42	8 8	13 8	23 12	23 13	11 49	15 58	2 16
M24	0s13	6 41	4 40	7 8	0 18	7 1	0 47	14 15	2 52	22 54	0 31	13 43	2 9	8 43	0 44	16 49	1 42	8 7	13 8	23 12	23 13	11 51	15 57	2 16
T 25	0 37	11 2	4 11	7 50	0 26	7 31	0 45	14 17	2 51	22 54	0 31	13 45	2 8	8 42	0 44	16 50	1 41	8 7	13 8	23 13	23 13	11 54	15 57	2 16
W26	1 0	14 58	3 32	8 31	0 33	8 1	0 43	14 19	2 50	22 54	0 31	13 47	2 8	8 41	0 44	16 50	1 41	8 7	13 8	23 14	23 14	11 56	15 56	2 17
T 27	1 23	18 19	2 44	9 12	0 41	8 30	0 41	14 20	2 48	22 54	0 31	13 49	2 8	8 39	0 44	16 51	1 41	8 7	13 8	23 14	23 14	11 59	15 56	2 17
F 28	1 47	20 55	1 48	9 52	0 48	8 59	0 39	14 22	2 47	22 54	0 31	13 51	2 8	8 38	0 44	16 51	1 41	8 6	13 9	23 14	23 14	12 1	15 55	2 17
S 29	2 10	22 38	0 47	10 32	0 56	9 28	0 36	14 23	2 45	22 54	0 31	13 53	2 8	8 37	0 44	16 52	1 41	8 6	13 9	23 14	23 14	12 4	15 54	2 17
S 30	2s33	23s18	0s18	11s10	1s 3	9s57	0n34	14n24	2s43	22n54	0s31	13s55	2n 8	8n35	0n44	16s52	1n41	8n 6	13s 9	23n14	23n14	12s 6	15n54	2s17

Julian Day Number = 2499634.5, Delta T = 109.94 sec
Ecliptic obliquity = 23°25'19, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°34'48, Lahiri = 25°41'48

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ASTRODIENST EPHEMERIS for the year 2131
geocentric

OCTOBER 2131 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 37 16	7♎25'16	22♑57	27♎51	28♎29	17°R23	0♋28	13♏50	9♍48	23♏ 0	4°R34	7°R 4	6♋56	14♏ 7	21°R24	M 1
T 2	0 41 12	8°24'10	5♒53	29°17	29°43	17♉20	0°31	13°56	9°52	23° 2	4♊34	7♋ 2	6°53	14°14	21♉22	T 2
W 3	0 45 9	9°23'06	19°17	0♏41	0♏57	17°15	0°35	14° 2	9°55	23° 3	4°33	6°58	6°50	14°21	21°20	W 3
T 4	0 49 5	10°22'04	3♓11	2° 3	2°11	17°10	0°38	14° 8	9°59	23° 5	4°32	6°51	6°47	14°27	21°18	T 4
F 5	0 53 2	11°21'03	17°33	3°25	3°25	17° 4	0°41	14°15	10° 2	23° 7	4°32	6°42	6°43	14°34	21°15	F 5
S 6	0 56 58	12°20'04	2♈19	4°46	4°39	16°57	0°44	14°21	10° 5	23° 9	4°31	6°31	6°40	14°41	21°13	S 6
S 7	1 0 55	13°19'07	17°22	6° 5	5°53	16°49	0°46	14°28	10° 9	23°10	4°31	6°20	6°37	14°48	21°11	S 7
M 8	1 4 51	14°18'13	2♉31	7°24	7° 7	16°41	0°49	14°34	10°12	23°12	4°30	6° 9	6°34	14°54	21° 9	M 8
T 9	1 8 48	15°17'20	17°37	8°41	8°21	16°31	0°51	14°41	10°15	23°14	4°29	6° 0	6°31	15° 1	21° 7	T 9
W10	1 12 44	16°16'30	2♊30	9°56	9°35	16°21	0°53	14°47	10°18	23°16	4°28	5°55	6°27	15° 8	21° 4	W10
T 11	1 16 41	17°15'42	17° 3	11°10	10°49	16°10	0°55	14°54	10°22	23°18	4°28	5°52	6°24	15°14	21° 2	T 11
F 12	1 20 38	18°14'56	1♋13	12°23	12° 3	15°58	0°56	15° 1	10°25	23°20	4°27	5°D50	6°21	15°21	20°59	F 12
S 13	1 24 34	19°14'13	15° 0	13°33	13°17	15°45	0°58	15° 7	10°28	23°22	4°26	5°R51	6°18	15°28	20°57	S 13
S 14	1 28 31	20°13'32	28°25	14°42	14°31	15°32	0°59	15°14	10°31	23°24	4°26	5°50	6°15	15°34	20°54	S 14
M15	1 32 27	21°12'53	11♌29	15°49	15°45	15°18	1° 0	15°21	10°34	23°26	4°25	5°49	6°12	15°41	20°52	M15
T 16	1 36 24	22°12'17	24°18	16°54	16°59	15° 3	1° 1	15°28	10°37	23°28	4°24	5°45	6° 8	15°48	20°49	T 16
W17	1 40 20	23°11'43	6♍52	17°57	18°13	14°47	1° 2	15°34	10°40	23°30	4°23	5°38	6° 5	15°54	20°47	W17
T 18	1 44 17	24°11'11	19°15	18°57	19°27	14°31	1° 2	15°41	10°43	23°32	4°22	5°29	6° 2	16° 1	20°44	T 18
F 19	1 48 13	25°10'41	1♎30	19°54	20°41	14°14	1° 3	15°48	10°46	23°34	4°22	5°17	5°59	16° 8	20°41	F 19
S 20	1 52 10	26°10'13	13°36	20°49	21°55	13°56	1°R 3	15°55	10°49	23°36	4°21	5° 4	5°56	16°15	20°39	S 20
S 21	1 56 7	27° 9'48	25°36	21°40	23° 9	13°38	1° 2	16° 2	10°52	23°38	4°20	4°51	5°53	16°21	20°36	S 21
M22	2 0 3	28° 9'24	7♏30	22°27	24°23	13°20	1° 2	16° 9	10°55	23°40	4°19	4°39	5°49	16°28	20°33	M22
T 23	2 4 0	29° 9'03	19°20	23°10	25°37	13° 1	1° 2	16°16	10°58	23°42	4°18	4°28	5°46	16°35	20°30	T 23
W24	2 7 56	0♏ 8'43	1♐ 9	23°49	26°51	12°42	1° 1	16°23	11° 0	23°44	4°17	4°20	5°43	16°41	20°28	W24
T 25	2 11 53	1° 8'26	12°57	24°23	28° 5	12°22	1° 0	16°30	11° 3	23°46	4°16	4°15	5°40	16°48	20°25	T 25
F 26	2 15 49	2° 8'10	24°50	24°51	29°19	12° 2	0°59	16°37	11° 6	23°48	4°15	4°13	5°37	16°55	20°22	F 26
S 27	2 19 46	3° 7'56	6♑49	25°13	0♐32	11°42	0°57	16°44	11° 9	23°50	4°14	4°D13	5°33	17° 1	20°19	S 27
S 28	2 23 42	4° 7'43	19° 1	25°29	1°46	11°21	0°56	16°51	11°11	23°52	4°13	4°13	5°30	17° 8	20°16	S 28
M29	2 27 39	5° 7'33	1♒30	25°37	3° 0	11° 1	0°54	16°58	11°14	23°55	4°13	4°R14	5°27	17°15	20°13	M29
T 30	2 31 36	6° 7'24	14°21	25°R38	4°14	10°40	0°52	17° 5	11°16	23°57	4°12	4°14	5°24	17°21	20°10	T 30
W31	2 35 32	7♏ 7'16	27♒38	25♏31	5♐28	10♉19	0♋50	17♏12	11♍19	23♏59	4♊11	4♋12	5♋21	17♏28	20♉ 7	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2s57	22s50	1s23	11s48	1s11	10s26	0n32	14n25	2s42	22n54	0s31	13s57	2n 8	8n34	0n44	16s53	1n41	8n 5	13s 9	23n14	23n14	12s 9	15n53	2s18
T 2	3 20	21 9	2 26	12 26	1 18	10 54	0 29	14 26	2 40	22 54	0 31	13 59	2 7	8 33	0 44	16 53	1 41	8 5	13 9	23 14	23 15	12 11	15 52	2 18
W 3	3 43	18 15	3 23	13 2	1 26	11 23	0 27	14 27	2 38	22 54	0 31	14 1	2 7	8 31	0 44	16 54	1 41	8 5	13 10	23 14	23 15	12 14	15 52	2 18
T 4	4 6	14 14	4 11	13 38	1 33	11 51	0 24	14 27	2 36	22 54	0 31	14 3	2 7	8 30	0 44	16 54	1 41	8 5	13 10	23 15	23 15	12 16	15 51	2 18
F 5	4 29	9 17	4 44	14 13	1 40	12 18	0 22	14 27	2 34	22 54	0 31	14 5	2 7	8 29	0 44	16 54	1 41	8 4	13 10	23 15	23 15	12 19	15 50	2 18
S 6	4 52	3 40	5 0	14 47	1 47	12 46	0 19	14 27	2 32	22 54	0 31	14 7	2 7	8 28	0 44	16 55	1 41	8 4	13 10	23 16	23 15	12 21	15 49	2 19
S 7	5 15	2n16	4 55	15 20	1 54	13 13	0 17	14 27	2 30	22 54	0 31	14 9	2 7	8 27	0 44	16 55	1 41	8 4	13 10	23 16	23 15	12 23	15 49	2 19
M 8	5 38	8 7	4 30	15 52	2 0	13 39	0 14	14 27	2 28	22 54	0 31	14 11	2 7	8 25	0 44	16 56	1 41	8 3	13 11	23 17	23 16	12 26	15 48	2 19
T 9	6 1	13 28	3 46	16 23	2 7	14 6	0 12	14 27	2 25	22 54	0 31	14 13	2 6	8 24	0 44	16 56	1 41	8 3	13 11	23 17	23 16	12 28	15 47	2 19
W10	6 24	17 55	2 47	16 54	2 13	14 32	0 9	14 26	2 23	22 54	0 31	14 15	2 6	8 23	0 44	16 57	1 41	8 3	13 11	23 17	23 16	12 31	15 46	2 19
T 11	6 46	21 10	1 38	17 23	2 20	14 58	0 6	14 25	2 20	22 54	0 31	14 17	2 6	8 22	0 44	16 57	1 41	8 3	13 11	23 18	23 16	12 33	15 46	2 19
F 12	7 9	23 1	0 24	17 51	2 26	15 23	0 4	14 24	2 18	22 54	0 31	14 19	2 6	8 21	0 44	16 58	1 41	8 2	13 11	23 18	23 16	12 36	15 45	2 20
S 13	7 32	23 23	0n48	18 18	2 31	15 48	0 1	14 23	2 15	22 54	0 31	14 21	2 6	8 19	0 44	16 58	1 41	8 2	13 11	23 18	23 16	12 38	15 44	2 20
S 14	7 54	22 22	1 57	18 44	2 37	16 13	0s 2	14 22	2 12	22 54	0 31	14 23	2 6	8 18	0 44	16 59	1 41	8 2	13 12	23 18	23 16	12 41	15 43	2 20
M15	8 16	20 9	2 57	19 9	2 42	16 37	0 5	14 21	2 10	22 54	0 31	14 25	2 6	8 17	0 44	16 59	1 41	8 1	13 12	23 18	23 17	12 43	15 42	2 20
T 16	8 38	16 59	3 47	19 32	2 47	17 1	0 7	14 19	2 7	22 54	0 31	14 27	2 6	8 16	0 44	17 0	1 41	8 1	13 12	23 18	23 17	12 45	15 41	2 20
W17	9 0	13 5	4 25	19 54	2 51	17 24	0 10	14 17	2 4	22 54	0 31	14 29	2 6	8 15	0 44	17 1	1 41	8 1	13 12	23 18	23 17	12 48	15 41	2 20
T 18	9 22	8 41	4 50	20 15	2 55	17 47	0 13	14 15	2 1	22 54	0 31	14 31	2 5	8 14	0 44	17 1	1 41	8 0	13 12	23 19	23 17	12 50	15 40	2 21
F 19	9 44	4 0	5 1	20 34	2 59	18 10	0 16	14 13	1 58	22 54	0 31	14 33	2 5	8 13	0 44	17 2	1 41	8 0	13 12	23 19	23 17	12 53	15 39	2 21
S 20	10 6	0s47	4 58	20 52	3 2	18 32	0 18	14 11	1 55	22 54	0 31	14 35	2 5	8 12	0 45	17 2	1 41	8 0	13 13	23 20	23 17	12 55	15 38	2 21
S 21	10 27	5 30	4 42	21 8	3 4	18 53	0 21	14 9	1 51	22 54	0 31	14 38	2 5	8 10	0 45	17 3	1 41	8 0	13 13	23 20	23 18	12 58	15 37	2 21
M22	10 49	10 0	4 14	21 22	3 6	19 14	0 24	14 6	1 48	22 54	0 31	14 40	2 5	8 9	0 45	17 3	1 40	7 59	13 13	23 20	23 18	13 0	15 36	2 21
T 23	11 10	14 6	3 35	21 34	3 7	19 35	0 27	14 4	1 45	22 54	0 31	14 42	2 5	8 8	0 45	17 4	1 40	7 59	13 13	23 21	23 18	13 2	15 35	2 21
W24	11 31	17 39	2 47	21 45	3 8	19 55	0 30	14 1	1 42	22 54	0 31	14 44	2 5	8 7	0 45	17 4	1 40	7 59	13 13	23 21	23 18	13 5	15 35	2 22
T 25	11 52	20 30	1 51	21 53	3 8	20 15	0 32	13 59	1 38	22 54	0 31	14 46	2 5	8 6	0 45	17 5	1 40	7 59	13 13	23 21	23 18	13 7	15 34	2 22
F 26	12 12	22 29	0 50	21 59	3 6	20 34	0 35	13 56	1 35	22 54	0 31	14 48	2 5	8 5	0 45	17 5	1 40	7 58	13 13	23 21	23 18	13 10	15 33	2 22
S 27	12 33	23 29	0s14	22 2	3 4	20 52	0 38	13 53	1 31	22 54	0 31	14 50	2 5	8 4	0 45	17 6	1 40	7 58	13 13	23 21	23 18	13 12	15 32	2 22
S 28	12 53	23 22	1 18	22 3	3 1	21 10	0 41	13 50	1 28	22 54	0 31	14 52	2 5	8 3	0 45	17 6	1 40	7 58	13 14	23 21	23 18	13 15	15 31	2 22
M29	13 13	22 6	2 21	22 0	2 56	21 27	0 43	13 47	1 24	22 54	0 31	14 54	2 5	8 2	0 45	17 7	1 40	7 57	13 14	23 21	23 19	13 17	15 30	2 22
T 30	13 33	19 40	3 18	21 55	2 50	21 44	0 46	13 44	1 20	22 54	0 31	14 56	2 5	8 1	0 45	17 7	1 40	7 57	13 14	23 21	23 19	13 19	15 29	2 22
W31	13s53	16s 8	4s 6	21s46	2s43	22s 0	0s49	13n41	1s17	22n55	0s31	14s58	2n 4	8n 1	0n45	17s 8	1n40	7n57	13s14	23n21	23n19	13s22	15n28	2s22

Julian Day Number = 2499664.5, Delta T = 109.99 sec
Ecliptic obliquity = 23°25'19, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°34'52, Lahiri = 25°41'53

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ASTRODIENST EPHEMERIS for the year 2131
geocentric

NOVEMBER 2131 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 39 29	8♏ 7'11	11♓24	25°R14	6♐42	9°R59	0°R48	17♏19	11♍21	24♏ 1	4°R10	4°R 7	5♋18	17♏35	20°R 4	T 1
F 2	2 43 25	9° 7'06	25°40	24♏49	7°56	9♉38	0♋45	17°26	11°24	24° 3	4♊ 9	4♋ 1	5°14	17°42	20♉ 1	F 2
S 3	2 47 22	10° 7'04	10♈24	24°14	9° 9	9°18	0°42	17°34	11°26	24° 5	4° 8	3°53	5°11	17°48	19°58	S 3
S 4	2 51 18	11° 7'03	25°29	23°29	10°23	8°57	0°39	17°41	11°28	24° 8	4° 7	3°45	5° 8	17°55	19°55	S 4
M 5	2 55 15	12° 7'04	10♉46	22°36	11°37	8°37	0°36	17°48	11°31	24°10	4° 6	3°37	5° 5	18° 2	19°52	M 5
T 6	2 59 11	13° 7'07	26° 5	21°34	12°51	8°18	0°33	17°55	11°33	24°12	4° 4	3°31	5° 2	18° 8	19°49	T 6
W 7	3 3 8	14° 7'12	11♊13	20°25	14° 4	7°58	0°30	18° 2	11°35	24°14	4° 3	3°26	4°58	18°15	19°46	W 7
T 8	3 7 5	15° 7'19	26° 3	19°11	15°18	7°39	0°26	18° 9	11°37	24°17	4° 2	3°24	4°55	18°22	19°43	T 8
F 9	3 11 1	16° 7'28	10♋28	17°53	16°32	7°20	0°22	18°17	11°39	24°19	4° 1	3°D24	4°52	18°28	19°40	F 9
S 10	3 14 58	17° 7'39	24°26	16°34	17°45	7° 2	0°18	18°24	11°42	24°21	4° 0	3°26	4°49	18°35	19°37	S 10
S 11	3 18 54	18° 7'52	7♌58	15°16	18°59	6°44	0°14	18°31	11°44	24°23	3°59	3°27	4°46	18°42	19°34	S 11
M12	3 22 51	19° 8'07	21° 5	14° 2	20°13	6°26	0° 9	18°38	11°46	24°25	3°58	3°R27	4°43	18°48	19°31	M12
T 13	3 26 47	20° 8'24	3♍51	12°54	21°26	6°10	0° 5	18°45	11°47	24°28	3°57	3°26	4°39	18°55	19°28	T 13
W14	3 30 44	21° 8'43	16°19	11°55	22°40	5°53	29♊59	18°52	11°49	24°30	3°56	3°23	4°36	19° 2	19°25	W14
T 15	3 34 40	22° 9'04	28°34	11° 5	23°54	5°38	29°55	19° 0	11°51	24°32	3°55	3°18	4°33	19° 8	19°21	T 15
F 16	3 38 37	23° 9'27	10♎39	10°26	25° 7	5°22	29°50	19° 7	11°53	24°34	3°54	3°12	4°30	19°15	19°18	F 16
S 17	3 42 34	24° 9'52	22°37	9°59	26°21	5° 8	29°44	19°14	11°55	24°37	3°53	3° 4	4°27	19°22	19°15	S 17
S 18	3 46 30	25°10'18	4♏30	9°43	27°34	4°54	29°39	19°21	11°56	24°39	3°51	2°57	4°24	19°28	19°12	S 18
M19	3 50 27	26°10'46	16°20	9°D39	28°48	4°41	29°33	19°28	11°58	24°41	3°50	2°50	4°20	19°35	19° 9	M19
T 20	3 54 23	27°11'16	28°10	9°46	0♑ 2	4°29	29°28	19°35	12° 0	24°43	3°49	2°44	4°17	19°42	19° 6	T 20
W21	3 58 20	28°11'48	10♐ 0	10° 3	1°15	4°18	29°22	19°43	12° 1	24°46	3°48	2°40	4°14	19°49	19° 3	W21
T 22	4 2 16	29°12'21	21°54	10°30	2°29	4° 7	29°16	19°50	12° 3	24°48	3°47	2°37	4°11	19°55	19° 0	T 22
F 23	4 6 13	0♐12'55	3♑52	11° 6	3°42	3°57	29° 9	19°57	12° 4	24°50	3°46	2°D37	4° 8	20° 2	18°57	F 23
S 24	4 10 9	1°13'31	15°58	11°49	4°56	3°48	29° 3	20° 4	12° 5	24°52	3°45	2°37	4° 4	20° 9	18°54	S 24
S 25	4 14 6	2°14'08	28°15	12°39	6° 9	3°40	28°57	20°11	12° 7	24°55	3°44	2°39	4° 1	20°15	18°51	S 25
M26	4 18 3	3°14'46	10♒46	13°35	7°22	3°32	28°50	20°18	12° 8	24°57	3°42	2°41	3°58	20°22	18°48	M26
T 27	4 21 59	4°15'26	23°36	14°36	8°36	3°26	28°43	20°25	12° 9	24°59	3°41	2°42	3°55	20°29	18°45	T 27
W28	4 25 56	5°16'06	6♓47	15°42	9°49	3°20	28°36	20°32	12°10	25° 1	3°40	2°R42	3°52	20°35	18°42	W28
T 29	4 29 52	6°16'47	20°24	16°51	11° 2	3°15	28°29	20°39	12°12	25° 4	3°39	2°42	3°49	20°42	18°39	T 29
F 30	4 33 49	7♐17'30	4♈26	18♏ 5	12♑16	3♉11	28♊22	20♏46	12♍13	25♏ 6	3♊38	2♋40	3♋45	20♏49	18♉36	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s12	11s38	4s43	21s33	2s34	22s16	0s52	13n38	1s13	22n55	0s31	15s 0	2n 4	8n 0	0n45	17s 9	1n40	7n57	13s14	23n21	23n19	13s24	15n27	2s23
F 2	14 31	6 21	5 3	21 17	2 23	22 30	0 54	13 35	1 10	22 55	0 31	15 2	2 4	7 59	0 45	17 9	1 40	7 56	13 14	23 22	23 19	13 27	15 27	2 23
S 3	14 50	0 33	5 4	20 56	2 11	22 45	0 57	13 32	1 6	22 55	0 30	15 4	2 4	7 58	0 45	17 10	1 40	7 56	13 14	23 22	23 19	13 29	15 26	2 23
S 4	15 9	5n26	4 45	20 31	1 57	22 58	1 0	13 29	1 2	22 55	0 30	15 6	2 4	7 57	0 45	17 10	1 40	7 56	13 14	23 22	23 19	13 31	15 25	2 23
M 5	15 28	11 10	4 5	20 3	1 42	23 11	1 2	13 27	0 58	22 55	0 30	15 8	2 4	7 56	0 45	17 11	1 40	7 56	13 14	23 22	23 19	13 34	15 24	2 23
T 6	15 46	16 14	3 7	19 30	1 25	23 23	1 5	13 24	0 55	22 55	0 30	15 10	2 4	7 55	0 45	17 11	1 40	7 55	13 14	23 23	23 20	13 36	15 23	2 23
W 7	16 4	20 11	1 57	18 54	1 6	23 35	1 7	13 21	0 51	22 55	0 30	15 12	2 4	7 55	0 45	17 12	1 40	7 55	13 14	23 23	23 20	13 39	15 22	2 23
T 8	16 22	22 42	0 40	18 15	0 46	23 46	1 10	13 18	0 47	22 55	0 30	15 14	2 4	7 54	0 45	17 12	1 40	7 55	13 15	23 23	23 20	13 41	15 21	2 23
F 9	16 39	23 39	0n38	17 34	0 26	23 56	1 12	13 16	0 44	22 55	0 30	15 16	2 4	7 53	0 45	17 13	1 40	7 55	13 15	23 23	23 20	13 43	15 20	2 23
S 10	16 56	23 2	1 51	16 52	0 5	24 6	1 15	13 13	0 40	22 55	0 30	15 18	2 4	7 52	0 45	17 14	1 40	7 54	13 15	23 23	23 20	13 46	15 19	2 24
S 11	17 13	21 6	2 56	16 10	0n15	24 15	1 17	13 11	0 36	22 55	0 30	15 20	2 4	7 51	0 45	17 14	1 40	7 54	13 15	23 23	23 20	13 48	15 18	2 24
M12	17 30	18 5	3 49	15 29	0 35	24 23	1 19	13 8	0 33	22 55	0 30	15 22	2 4	7 51	0 45	17 15	1 40	7 54	13 15	23 23	23 20	13 51	15 17	2 24
T 13	17 46	14 16	4 29	14 50	0 54	24 30	1 22	13 6	0 29	22 55	0 30	15 24	2 4	7 50	0 45	17 15	1 40	7 54	13 15	23 23	23 20	13 53	15 16	2 24
W14	18 2	9 56	4 56	14 16	1 12	24 37	1 24	13 4	0 26	22 55	0 30	15 26	2 4	7 49	0 45	17 16	1 40	7 54	13 15	23 23	23 21	13 55	15 16	2 24
T 15	18 18	5 17	5 8	13 45	1 27	24 43	1 26	13 2	0 22	22 55	0 30	15 28	2 4	7 49	0 45	17 16	1 40	7 53	13 15	23 23	23 21	13 58	15 15	2 24
F 16	18 33	0 30	5 7	13 20	1 41	24 48	1 29	13 0	0 19	22 56	0 30	15 30	2 4	7 48	0 45	17 17	1 40	7 53	13 15	23 23	23 21	14 0	15 14	2 24
S 17	18 48	4s16	4 52	13 0	1 53	24 53	1 31	12 59	0 16	22 56	0 30	15 32	2 4	7 47	0 46	17 17	1 40	7 53	13 15	23 23	23 21	14 3	15 13	2 24
S 18	19 3	8 51	4 24	12 46	2 3	24 57	1 33	12 57	0 12	22 56	0 30	15 34	2 4	7 47	0 46	17 18	1 40	7 53	13 15	23 23	23 21	14 5	15 12	2 24
M19	19 17	13 7	3 45	12 37	2 11	25 0	1 35	12 56	0 9	22 56	0 30	15 36	2 4	7 46	0 46	17 18	1 40	7 52	13 15	23 24	23 21	14 7	15 11	2 24
T 20	19 31	16 52	2 57	12 33	2 17	25 2	1 37	12 55	0 6	22 56	0 29	15 38	2 4	7 46	0 46	17 19	1 40	7 52	13 15	23 24	23 21	14 10	15 10	2 24
W21	19 45	19 57	2 0	12 35	2 22	25 4	1 39	12 54	0 2	22 56	0 29	15 40	2 4	7 45	0 46	17 20	1 40	7 52	13 15	23 24	23 21	14 12	15 9	2 24
T 22	19 58	22 12	0 58	12 40	2 25	25 5	1 41	12 54	0n 1	22 56	0 29	15 42	2 4	7 45	0 46	17 20	1 40	7 52	13 15	23 24	23 21	14 14	15 8	2 25
F 23	20 11	23 29	0s 7	12 50	2 26	25 5	1 42	12 53	0 4	22 56	0 29	15 44	2 4	7 44	0 46	17 21	1 40	7 52	13 15	23 24	23 21	14 17	15 8	2 25
S 24	20 23	23 40	1 13	13 3	2 26	25 4	1 44	12 53	0 7	22 56	0 29	15 45	2 4	7 44	0 46	17 21	1 40	7 52	13 15	23 24	23 22	14 19	15 7	2 25
S 25	20 36	22 43	2 16	13 19	2 25	25 3	1 46	12 53	0 10	22 56	0 29	15 47	2 4	7 43	0 46	17 22	1 40	7 51	13 15	23 24	23 22	14 22	15 6	2 25
M26	20 47	20 38	3 14	13 37	2 23	25 0	1 48	12 53	0 13	22 56	0 29	15 49	2 4	7 43	0 46	17 22	1 40	7 51	13 15	23 24	23 22	14 24	15 5	2 25
T 27	20 59	17 29	4 4	13 58	2 20	24 58	1 49	12 54	0 16	22 56	0 29	15 51	2 4	7 42	0 46	17 23	1 40	7 51	13 15	23 24	23 22	14 26	15 4	2 25
W28	21 10	13 23	4 43	14 21	2 17	24 54	1 51	12 54	0 18	22 56	0 29	15 53	2 4	7 42	0 46	17 23	1 40	7 51	13 15	23 24	23 22	14 29	15 3	2 25
T 29	21 20	8 31	5 7	14 44	2 13	24 49	1 52	12 55	0 21	22 56	0 29	15 55	2 4	7 42	0 46	17 24	1 40	7 51	13 15	23 24	23 22	14 31	15 2	2 25
F 30	21s31	3s 3	5s14	15s 9	2n 8	24s44	1s53	12n56	0n24	22n56	0s29	15s56	2n 4	7n41	0n46	17s24	1n40	7n51	13s15	23n24	23n22	14s33	15n 2	2s25

Julian Day Number = 2499695.5, Delta T = 110.04 sec
Ecliptic obliquity = 23°25'19, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°34'56, Lahiri = 25°41'57

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ASTRODIENST EPHEMERIS for the year 2131
geocentric

DECEMBER 2131 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 37 45	8♐18'13	18♈54	19♏21	13♑29	3°R 8	28°R15	20♏53	12♍14	25♏ 8	3°R37	2°R37	3♋42	20♏55	18°R33	S 1
S 2	4 41 42	9°18'58	3♉44	20°39	14°42	3♉ 5	28♊ 8	21° 0	12°15	25°10	3♊36	2♋34	3°39	21° 2	18♉31	S 2
M 3	4 45 38	10°19'43	18°49	22° 0	15°55	3° 4	28° 0	21° 7	12°15	25°12	3°35	2°30	3°36	21° 9	18°28	M 3
T 4	4 49 35	11°20'30	4♊ 1	23°22	17° 8	3° 3	27°53	21°14	12°16	25°15	3°33	2°28	3°33	21°15	18°25	T 4
W 5	4 53 32	12°21'18	19°10	24°46	18°22	3°D 3	27°45	21°21	12°17	25°17	3°32	2°26	3°30	21°22	18°22	W 5
T 6	4 57 28	13°22'07	4♋ 6	26°12	19°35	3° 3	27°37	21°28	12°18	25°19	3°31	2°D26	3°26	21°29	18°20	T 6
F 7	5 1 25	14°22'58	18°42	27°38	20°48	3° 5	27°30	21°35	12°18	25°21	3°30	2°27	3°23	21°35	18°17	F 7
S 8	5 5 21	15°23'49	2♌52	29° 6	22° 1	3° 7	27°22	21°41	12°19	25°23	3°29	2°28	3°20	21°42	18°14	S 8
S 9	5 9 18	16°24'42	16°35	0♐34	23°14	3°10	27°14	21°48	12°20	25°25	3°28	2°29	3°17	21°49	18°12	S 9
M10	5 13 14	17°25'36	29°51	2° 3	24°27	3°14	27° 6	21°55	12°20	25°28	3°27	2°30	3°14	21°56	18° 9	M10
T 11	5 17 11	18°26'32	12♍42	3°32	25°39	3°18	26°58	22° 2	12°20	25°30	3°26	2°31	3°10	22° 2	18° 6	T 11
W12	5 21 8	19°27'28	25°13	5° 2	26°52	3°24	26°50	22° 8	12°21	25°32	3°25	2°R31	3° 7	22° 9	18° 4	W12
T 13	5 25 4	20°28'26	7♎27	6°32	28° 5	3°30	26°42	22°15	12°21	25°34	3°24	2°30	3° 4	22°16	18° 1	T 13
F 14	5 29 1	21°29'25	19°29	8° 3	29°18	3°36	26°34	22°22	12°21	25°36	3°23	2°29	3° 1	22°22	17°59	F 14
S 15	5 32 57	22°30'25	1♏23	9°34	0♒30	3°44	26°26	22°28	12°22	25°38	3°21	2°28	2°58	22°29	17°56	S 15
S 16	5 36 54	23°31'26	13°12	11° 5	1°43	3°52	26°18	22°35	12°22	25°40	3°20	2°26	2°55	22°36	17°54	S 16
M17	5 40 50	24°32'28	25° 1	12°37	2°56	4° 1	26° 9	22°41	12°22	25°42	3°19	2°25	2°51	22°42	17°52	M17
T 18	5 44 47	25°33'31	6♐52	14° 9	4° 8	4°10	26° 1	22°48	12°R22	25°44	3°18	2°24	2°48	22°49	17°49	T 18
W19	5 48 43	26°34'35	18°48	15°41	5°21	4°20	25°53	22°54	12°22	25°46	3°17	2°23	2°45	22°56	17°47	W19
T 20	5 52 40	27°35'40	0♑50	17°13	6°33	4°31	25°45	23° 0	12°22	25°48	3°16	2°D23	2°42	23° 2	17°45	T 20
F 21	5 56 37	28°36'45	13° 0	18°45	7°45	4°42	25°37	23° 7	12°22	25°50	3°15	2°23	2°39	23° 9	17°43	F 21
S 22	6 0 33	29°37'51	25°20	20°18	8°58	4°54	25°29	23°13	12°22	25°52	3°14	2°24	2°36	23°16	17°41	S 22
S 23	6 4 30	0♑38'57	7♒51	21°51	10°10	5° 7	25°21	23°19	12°21	25°54	3°13	2°24	2°32	23°22	17°39	S 23
M24	6 8 26	1°40'03	20°35	23°24	11°22	5°20	25°12	23°25	12°21	25°56	3°12	2°24	2°29	23°29	17°37	M24
T 25	6 12 23	2°41'10	3♓34	24°57	12°34	5°34	25° 4	23°31	12°21	25°58	3°11	2°R24	2°26	23°36	17°35	T 25
W26	6 16 19	3°42'17	16°50	26°30	13°46	5°48	24°56	23°37	12°20	26° 0	3°10	2°24	2°23	23°42	17°33	W26
T 27	6 20 16	4°43'24	0♈23	28° 4	14°58	6° 3	24°48	23°43	12°20	26° 2	3° 9	2°D24	2°20	23°49	17°31	T 27
F 28	6 24 12	5°44'31	14°15	29°37	16°10	6°18	24°41	23°49	12°19	26° 3	3° 8	2°24	2°16	23°56	17°29	F 28
S 29	6 28 9	6°45'38	28°25	1♑11	17°22	6°34	24°33	23°55	12°19	26° 5	3° 8	2°24	2°13	24° 2	17°27	S 29
S 30	6 32 6	7°46'46	12♉52	2°46	18°34	6°51	24°25	24° 1	12°18	26° 7	3° 7	2°25	2°10	24° 9	17°26	S 30
M31	6 36 2	8♑47'53	27♉33	4♑20	19♒45	7♉ 8	24♊17	24♏ 7	12♍17	26♏ 9	3♊ 6	2♋25	2♋ 7	24♏16	17♉24	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s40	2n44	5s 2	15s35	2n 2	24s39	1s55	12n58	0n26	22n56	0s28	15s58	2n 4	7n41	0n46	17s25	1n40	7n50	13s15	23n24	23n22	14s36	15n 1	2s25
S 2	21 50	8 31	4 29	16 2	1 57	24 32	1 56	12 59	0 29	22 56	0 28	16 0	2 4	7 40	0 46	17 25	1 40	7 50	13 15	23 24	23 22	14 38	15 0	2 25
M 3	21 59	13 55	3 38	16 28	1 51	24 25	1 57	13 1	0 31	22 56	0 28	16 2	2 4	7 40	0 46	17 26	1 40	7 50	13 14	23 24	23 22	14 40	14 59	2 25
T 4	22 7	18 28	2 30	16 55	1 44	24 17	1 58	13 3	0 34	22 56	0 28	16 4	2 4	7 40	0 46	17 26	1 40	7 50	13 14	23 24	23 22	14 43	14 58	2 25
W 5	22 16	21 46	1 13	17 22	1 37	24 8	1 59	13 5	0 36	22 56	0 28	16 5	2 4	7 40	0 46	17 27	1 40	7 50	13 14	23 24	23 23	14 45	14 58	2 25
T 6	22 23	23 31	0n 9	17 49	1 31	23 58	2 0	13 7	0 38	22 56	0 28	16 7	2 4	7 39	0 46	17 27	1 40	7 50	13 14	23 24	23 23	14 47	14 57	2 25
F 7	22 31	23 35	1 29	18 16	1 24	23 48	2 1	13 10	0 41	22 56	0 28	16 9	2 4	7 39	0 46	17 28	1 40	7 50	13 14	23 24	23 23	14 50	14 56	2 25
S 8	22 37	22 6	2 41	18 42	1 16	23 37	2 2	13 13	0 43	22 56	0 28	16 10	2 4	7 39	0 46	17 28	1 40	7 50	13 14	23 24	23 23	14 52	14 55	2 25
S 9	22 44	19 22	3 41	19 8	1 9	23 26	2 2	13 16	0 45	22 56	0 28	16 12	2 4	7 39	0 46	17 29	1 40	7 49	13 14	23 24	23 23	14 54	14 55	2 25
M10	22 50	15 41	4 27	19 33	1 2	23 14	2 3	13 19	0 47	22 56	0 27	16 14	2 4	7 39	0 47	17 29	1 40	7 49	13 14	23 24	23 23	14 57	14 54	2 25
T 11	22 55	11 22	4 58	19 57	0 55	23 1	2 3	13 22	0 49	22 56	0 27	16 15	2 4	7 39	0 47	17 30	1 40	7 49	13 14	23 24	23 23	14 59	14 53	2 25
W12	23 0	6 42	5 14	20 21	0 47	22 47	2 4	13 26	0 51	22 56	0 27	16 17	2 4	7 38	0 47	17 30	1 40	7 49	13 14	23 24	23 23	15 1	14 52	2 25
T 13	23 5	1 53	5 16	20 44	0 40	22 33	2 4	13 30	0 53	22 56	0 27	16 19	2 5	7 38	0 47	17 31	1 40	7 49	13 14	23 24	23 23	15 4	14 52	2 25
F 14	23 9	2s56	5 3	21 6	0 32	22 18	2 4	13 34	0 55	22 56	0 27	16 20	2 5	7 38	0 47	17 31	1 40	7 49	13 13	23 24	23 23	15 6	14 51	2 25
S 15	23 13	7 36	4 38	21 27	0 25	22 3	2 4	13 38	0 56	22 56	0 27	16 22	2 5	7 38	0 47	17 32	1 40	7 49	13 13	23 24	23 23	15 8	14 50	2 25
S 16	23 16	11 58	4 0	21 48	0 18	21 47	2 4	13 42	0 58	22 55	0 27	16 23	2 5	7 38	0 47	17 32	1 40	7 49	13 13	23 24	23 23	15 11	14 50	2 25
M17	23 19	15 53	3 13	22 7	0 11	21 30	2 4	13 47	1 0	22 55	0 27	16 25	2 5	7 38	0 47	17 33	1 40	7 49	13 13	23 24	23 23	15 13	14 49	2 25
T 18	23 21	19 11	2 17	22 26	0 3	21 13	2 4	13 52	1 1	22 55	0 26	16 27	2 5	7 38	0 47	17 33	1 41	7 49	13 13	23 24	23 24	15 15	14 48	2 25
W19	23 23	21 42	1 15	22 43	0s 4	20 55	2 4	13 57	1 3	22 55	0 26	16 28	2 5	7 38	0 47	17 33	1 41	7 49	13 13	23 24	23 24	15 18	14 48	2 25
T 20	23 24	23 16	0 9	22 59	0 11	20 37	2 3	14 2	1 4	22 55	0 26	16 30	2 5	7 38	0 47	17 34	1 41	7 49	13 13	23 24	23 24	15 20	14 47	2 25
F 21	23 25	23 46	0s59	23 14	0 18	20 18	2 3	14 7	1 6	22 55	0 26	16 31	2 5	7 38	0 47	17 34	1 41	7 49	13 12	23 24	23 24	15 22	14 47	2 25
S 22	23 25	23 5	2 4	23 28	0 24	19 58	2 3	14 12	1 7	22 55	0 26	16 33	2 5	7 39	0 47	17 35	1 41	7 49	13 12	23 24	23 24	15 25	14 46	2 25
S 23	23 25	21 16	3 5	23 41	0 31	19 38	2 2	14 18	1 9	22 55	0 26	16 34	2 5	7 39	0 47	17 35	1 41	7 49	13 12	23 24	23 24	15 27	14 46	2 25
M24	23 25	18 22	3 57	23 53	0 37	19 18	2 1	14 23	1 10	22 55	0 26	16 35	2 5	7 39	0 47	17 36	1 41	7 49	13 12	23 24	23 24	15 29	14 45	2 25
T 25	23 24	14 31	4 39	24 3	0 44	18 57	2 0	14 29	1 11	22 54	0 25	16 37	2 5	7 39	0 47	17 36	1 41	7 49	13 12	23 24	23 24	15 32	14 44	2 25
W26	23 22	9 54	5 6	24 12	0 50	18 35	1 59	14 35	1 13	22 54	0 25	16 38	2 6	7 39	0 47	17 36	1 41	7 49	13 12	23 24	23 24	15 34	14 44	2 25
T 27	23 20	4 42	5 18	24 20	0 56	18 13	1 58	14 41	1 14	22 54	0 25	16 40	2 6	7 39	0 47	17 37	1 41	7 49	13 11	23 24	23 24	15 36	14 44	2 25
F 28	23 18	0n50	5 11	24 27	1 2	17 50	1 57	14 48	1 15	22 54	0 25	16 41	2 6	7 40	0 47	17 37	1 41	7 49	13 11	23 24	23 24	15 38	14 43	2 25
S 29	23 15	6 27	4 46	24 32	1 8	17 27	1 56	14 54	1 16	22 54	0 25	16 42	2 6	7 40	0 47	17 38	1 41	7 49	13 11	23 24	23 24	15 41	14 43	2 25
S 30	23 12	11 51	4 2	24 37	1 13	17 4	1 55	15 0	1 17	22 54	0 25	16 44	2 6	7 40	0 47	17 38	1 41	7 49	13 11	23 24	23 24	15 43	14 42	2 25
M31	23s 8	16n39	3s 2	24s39	1s18	16s40	1s53	15n 7	1n18	22n53	0s24	16s45	2n 6	7n41	0n47	17s38	1n41	7n49	13s11	23n24	23n24	15s45	14n42	2s25

Julian Day Number = 2499725.5, Delta T = 110.09 sec
Ecliptic obliquity = 23°25'19, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°35'01, Lahiri = 25°42'01

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ASTRODIENST EPHEMERIS for the year 2132
geocentric

JANUARY 2132 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 39 59	9♑49'00	12♊22	5♑55	20♒57	7♉25	24°R10	24♏13	12°R17	26♏11	3°R 5	2♋26	2♋ 4	24♏22	17°R22	T 1
W 2	6 43 55	10°50'08	27°12	7°30	22° 8	7°43	24♊ 2	24°18	12♍16	26°12	3♊ 4	2°R26	2° 1	24°29	17♉21	W 2
T 3	6 47 52	11°51'15	11♋56	9° 5	23°20	8° 1	23°55	24°24	12°15	26°14	3° 3	2°26	1°57	24°36	17°19	T 3
F 4	6 51 48	12°52'23	26°27	10°41	24°31	8°20	23°47	24°30	12°14	26°16	3° 2	2°25	1°54	24°42	17°18	F 4
S 5	6 55 45	13°53'31	10♌39	12°17	25°42	8°40	23°40	24°35	12°13	26°17	3° 1	2°24	1°51	24°49	17°17	S 5
S 6	6 59 41	14°54'38	24°27	13°53	26°53	8°59	23°33	24°41	12°12	26°19	3° 1	2°22	1°48	24°56	17°15	S 6
M 7	7 3 38	15°55'47	7♍51	15°30	28° 4	9°19	23°26	24°46	12°11	26°21	3° 0	2°21	1°45	25° 2	17°14	M 7
T 8	7 7 35	16°56'55	20°49	17° 7	29°15	9°40	23°19	24°51	12°10	26°22	2°59	2°19	1°42	25° 9	17°13	T 8
W 9	7 11 31	17°58'03	3♎26	18°44	0♓26	10° 1	23°12	24°57	12° 9	26°24	2°58	2°18	1°38	25°16	17°12	W 9
T 10	7 15 28	18°59'12	15°43	20°22	1°36	10°22	23° 6	25° 2	12° 8	26°25	2°58	2°D17	1°35	25°22	17°11	T 10
F 11	7 19 24	20° 0'20	27°47	22° 0	2°47	10°44	22°59	25° 7	12° 6	26°27	2°57	2°17	1°32	25°29	17°10	F 11
S 12	7 23 21	21° 1'29	9♏40	23°39	3°57	11° 6	22°53	25°12	12° 5	26°28	2°56	2°18	1°29	25°36	17° 9	S 12
S 13	7 27 17	22° 2'38	21°29	25°18	5° 7	11°28	22°46	25°17	12° 4	26°30	2°55	2°20	1°26	25°42	17° 8	S 13
M14	7 31 14	23° 3'47	3♐18	26°57	6°18	11°51	22°40	25°22	12° 2	26°31	2°55	2°21	1°22	25°49	17° 7	M14
T 15	7 35 10	24° 4'56	15°11	28°37	7°28	12°14	22°34	25°27	12° 1	26°33	2°54	2°23	1°19	25°56	17° 6	T 15
W16	7 39 7	25° 6'04	27°13	0♒18	8°37	12°37	22°29	25°31	11°59	26°34	2°53	2°R24	1°16	26° 3	17° 6	W16
T 17	7 43 4	26° 7'13	9♑24	1°58	9°47	13° 1	22°23	25°36	11°58	26°36	2°53	2°24	1°13	26° 9	17° 5	T 17
F 18	7 47 0	27° 8'21	21°49	3°39	10°57	13°25	22°17	25°41	11°56	26°37	2°52	2°22	1°10	26°16	17° 4	F 18
S 19	7 50 57	28° 9'28	4♒27	5°21	12° 6	13°50	22°12	25°45	11°55	26°38	2°52	2°20	1° 7	26°23	17° 4	S 19
S 20	7 54 53	29°10'36	17°20	7° 2	13°15	14°14	22° 7	25°50	11°53	26°40	2°51	2°16	1° 3	26°29	17° 3	S 20
M21	7 58 50	0♒11'42	0♓27	8°44	14°25	14°39	22° 2	25°54	11°51	26°41	2°50	2°11	1° 0	26°36	17° 3	M21
T 22	8 2 46	1°12'48	13°47	10°26	15°34	15° 5	21°57	25°58	11°50	26°42	2°50	2° 6	0°57	26°43	17° 3	T 22
W23	8 6 43	2°13'53	27°19	12° 9	16°42	15°30	21°52	26° 3	11°48	26°43	2°49	2° 2	0°54	26°49	17° 2	W23
T 24	8 10 39	3°14'57	11♈ 2	13°51	17°51	15°56	21°48	26° 7	11°46	26°44	2°49	1°59	0°51	26°56	17° 2	T 24
F 25	8 14 36	4°16'00	24°56	15°33	18°59	16°22	21°44	26°11	11°44	26°45	2°48	1°57	0°48	27° 3	17° 2	F 25
S 26	8 18 33	5°17'02	8♉58	17°15	20° 8	16°49	21°40	26°15	11°42	26°47	2°48	1°D57	0°44	27° 9	17° 2	S 26
S 27	8 22 29	6°18'03	23° 9	18°56	21°16	17°15	21°36	26°19	11°40	26°48	2°48	1°58	0°41	27°16	17°D 2	S 27
M28	8 26 26	7°19'03	7♊25	20°37	22°24	17°42	21°32	26°22	11°38	26°49	2°47	1°59	0°38	27°23	17° 2	M28
T 29	8 30 22	8°20'02	21°46	22°17	23°31	18° 9	21°28	26°26	11°36	26°50	2°47	2° 0	0°35	27°29	17° 2	T 29
W30	8 34 19	9°21'00	6♋ 8	23°56	24°39	18°37	21°25	26°30	11°34	26°51	2°46	2°R 1	0°32	27°36	17° 2	W30
T 31	8 38 15	10♒21'57	20♋26	25♒34	25♓46	19♉ 4	21♊22	26♏33	11♍32	26♏52	2♊46	1♋59	0♋28	27♏43	17♉ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 4	20n27	1s49	24s41	1s23	16s16	1s52	15n14	1n19	22n53	0s24	16s46	2n 6	7n41	0n48	17s39	1n41	7n49	13s11	23n24	23n24	15s48	14n41	2s25
W 2	22 59	22 55	0 29	24 41	1 28	15 51	1 50	15 21	1 20	22 53	0 24	16 48	2 6	7 41	0 48	17 39	1 41	7 49	13 10	23 24	23 24	15 50	14 41	2 25
T 3	22 54	23 45	0n53	24 39	1 33	15 26	1 48	15 27	1 21	22 53	0 24	16 49	2 6	7 42	0 48	17 40	1 41	7 49	13 10	23 24	23 24	15 52	14 41	2 25
F 4	22 48	22 58	2 9	24 36	1 37	15 1	1 46	15 34	1 22	22 53	0 24	16 50	2 7	7 42	0 48	17 40	1 41	7 49	13 10	23 24	23 24	15 54	14 40	2 25
S 5	22 42	20 42	3 16	24 32	1 41	14 35	1 44	15 41	1 23	22 53	0 24	16 51	2 7	7 42	0 48	17 40	1 41	7 49	13 10	23 24	23 25	15 57	14 40	2 25
S 6	22 35	17 17	4 10	24 26	1 45	14 8	1 42	15 49	1 24	22 52	0 23	16 52	2 7	7 43	0 48	17 41	1 41	7 49	13 9	23 24	23 25	15 59	14 40	2 25
M 7	22 28	13 5	4 48	24 19	1 49	13 42	1 40	15 56	1 25	22 52	0 23	16 54	2 7	7 43	0 48	17 41	1 41	7 49	13 9	23 24	23 25	16 1	14 39	2 25
T 8	22 21	8 23	5 10	24 11	1 52	13 15	1 38	16 3	1 26	22 52	0 23	16 55	2 7	7 44	0 48	17 41	1 41	7 49	13 9	23 24	23 25	16 4	14 39	2 25
W 9	22 13	3 29	5 16	24 1	1 55	12 48	1 35	16 11	1 27	22 52	0 23	16 56	2 7	7 44	0 48	17 42	1 41	7 49	13 9	23 24	23 25	16 6	14 39	2 25
T 10	22 5	1s27	5 8	23 49	1 58	12 20	1 33	16 18	1 27	22 52	0 23	16 57	2 7	7 45	0 48	17 42	1 41	7 49	13 9	23 24	23 25	16 8	14 38	2 24
F 11	21 56	6 13	4 46	23 36	2 0	11 53	1 30	16 25	1 28	22 52	0 23	16 58	2 7	7 45	0 48	17 42	1 41	7 50	13 8	23 24	23 25	16 10	14 38	2 24
S 12	21 47	10 43	4 12	23 22	2 2	11 25	1 27	16 33	1 29	22 51	0 22	16 59	2 8	7 46	0 48	17 42	1 41	7 50	13 8	23 24	23 25	16 13	14 38	2 24
S 13	21 37	14 47	3 27	23 5	2 4	10 56	1 25	16 41	1 29	22 51	0 22	17 0	2 8	7 46	0 48	17 43	1 41	7 50	13 8	23 24	23 25	16 15	14 38	2 24
M14	21 27	18 17	2 34	22 48	2 5	10 28	1 22	16 48	1 30	22 51	0 22	17 1	2 8	7 47	0 48	17 43	1 41	7 50	13 8	23 24	23 25	16 17	14 38	2 24
T 15	21 17	21 3	1 34	22 29	2 6	9 59	1 19	16 56	1 31	22 51	0 22	17 2	2 8	7 47	0 48	17 43	1 42	7 50	13 7	23 24	23 25	16 19	14 37	2 24
W16	21 6	22 55	0 29	22 8	2 7	9 30	1 16	17 4	1 31	22 51	0 22	17 3	2 8	7 48	0 48	17 44	1 42	7 50	13 7	23 24	23 25	16 22	14 37	2 24
T 17	20 55	23 44	0s39	21 46	2 7	9 1	1 12	17 12	1 32	22 51	0 22	17 4	2 8	7 49	0 48	17 44	1 42	7 50	13 7	23 24	23 25	16 24	14 37	2 24
F 18	20 43	23 23	1 45	21 22	2 6	8 31	1 9	17 19	1 32	22 51	0 21	17 5	2 8	7 49	0 48	17 44	1 42	7 50	13 7	23 24	23 25	16 26	14 37	2 24
S 19	20 31	21 50	2 47	20 57	2 5	8 2	1 5	17 27	1 33	22 50	0 21	17 6	2 9	7 50	0 48	17 44	1 42	7 51	13 6	23 24	23 25	16 28	14 37	2 24
S 20	20 18	19 9	3 42	20 30	2 4	7 32	1 2	17 35	1 33	22 50	0 21	17 7	2 9	7 51	0 48	17 45	1 42	7 51	13 6	23 24	23 25	16 31	14 37	2 24
M21	20 6	15 27	4 26	20 2	2 2	7 2	0 58	17 43	1 34	22 50	0 21	17 8	2 9	7 51	0 48	17 45	1 42	7 51	13 6	23 24	23 25	16 33	14 37	2 24
T 22	19 52	10 56	4 57	19 32	2 0	6 32	0 55	17 51	1 34	22 50	0 21	17 9	2 9	7 52	0 48	17 45	1 42	7 51	13 6	23 24	23 25	16 35	14 37	2 24
W23	19 39	5 50	5 12	19 1	1 57	6 1	0 51	17 59	1 35	22 50	0 20	17 9	2 9	7 53	0 48	17 45	1 42	7 51	13 5	23 24	23 25	16 37	14 37	2 24
T 24	19 25	0 22	5 9	18 28	1 54	5 31	0 47	18 7	1 35	22 50	0 20	17 10	2 9	7 53	0 48	17 46	1 42	7 51	13 5	23 24	23 25	16 39	14 37	2 24
F 25	19 11	5n10	4 48	17 54	1 49	5 1	0 43	18 15	1 36	22 50	0 20	17 11	2 10	7 54	0 48	17 46	1 42	7 52	13 5	23 24	23 25	16 42	14 37	2 24
S 26	18 56	10 32	4 10	17 19	1 45	4 30	0 39	18 23	1 36	22 50	0 20	17 12	2 10	7 55	0 48	17 46	1 42	7 52	13 4	23 24	23 25	16 44	14 37	2 24
S 27	18 41	15 23	3 16	16 42	1 39	3 59	0 34	18 31	1 36	22 50	0 20	17 12	2 10	7 56	0 48	17 46	1 42	7 52	13 4	23 24	23 25	16 46	14 37	2 23
M28	18 26	19 23	2 10	16 5	1 33	3 29	0 30	18 39	1 37	22 50	0 20	17 13	2 10	7 56	0 48	17 46	1 42	7 52	13 4	23 24	23 25	16 48	14 37	2 23
T 29	18 10	22 14	0 56	15 26	1 26	2 58	0 26	18 47	1 37	22 50	0 19	17 14	2 10	7 57	0 48	17 47	1 42	7 52	13 4	23 24	23 25	16 51	14 37	2 23
W30	17 54	23 39	0n22	14 46	1 19	2 27	0 21	18 55	1 37	22 50	0 19	17 15	2 10	7 58	0 49	17 47	1 42	7 53	13 3	23 24	23 25	16 53	14 37	2 23
T 31	17s38	23n30	1n39	14s 6	1s10	1s56	0s16	19n 3	1n38	22n50	0s19	17s15	2n11	7n59	0n49	17s47	1n42	7n53	13s 3	23n24	23n25	16s55	14n37	2s23

Julian Day Number = 2499756.5, Delta T = 110.14 sec
Ecliptic obliquity = 23°25'19, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°35'05, Lahiri = 25°42'05

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ASTRODIENST EPHEMERIS for the year 2132
geocentric

FEBRUARY 2132 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 42 12	11♒22'53	4♌36	27♒ 9	26♓53	19♉32	21°R19	26♏37	11°R30	26♏53	2°R46	1°R56	0♋25	27♏49	17♉ 3	F 1
S 2	8 46 9	12°23'48	18°34	28°42	28° 0	20° 0	21♊16	26°40	11♍28	26°53	2♊45	1♋51	0°22	27°56	17° 3	S 2
S 3	8 50 5	13°24'41	2♍14	0♓13	29° 6	20°28	21°14	26°43	11°26	26°54	2°45	1°44	0°19	28° 3	17° 4	S 3
M 4	8 54 2	14°25'34	15°35	1°40	0♈13	20°57	21°11	26°47	11°23	26°55	2°45	1°36	0°16	28° 9	17° 4	M 4
T 5	8 57 58	15°26'26	28°34	3° 3	1°19	21°25	21° 9	26°50	11°21	26°56	2°45	1°29	0°13	28°16	17° 5	T 5
W 6	9 1 55	16°27'17	11♎13	4°22	2°24	21°54	21° 7	26°53	11°19	26°57	2°44	1°22	0° 9	28°23	17° 5	W 6
T 7	9 5 51	17°28'07	23°33	5°36	3°30	22°23	21° 5	26°56	11°16	26°57	2°44	1°17	0° 6	28°29	17° 6	T 7
F 8	9 9 48	18°28'57	5♏39	6°43	4°35	22°52	21° 4	26°58	11°14	26°58	2°44	1°14	0° 3	28°36	17° 7	F 8
S 9	9 13 44	19°29'45	17°33	7°44	5°40	23°21	21° 3	27° 1	11°12	26°59	2°44	1°D13	29♊59	28°43	17° 8	S 9
S 10	9 17 41	20°30'33	29°23	8°37	6°45	23°51	21° 1	27° 4	11° 9	26°59	2°44	1°13	29°57	28°49	17° 9	S 10
M11	9 21 37	21°31'19	11♐12	9°21	7°49	24°21	21° 0	27° 6	11° 7	27° 0	2°43	1°14	29°54	28°56	17°10	M11
T 12	9 25 34	22°32'05	23° 6	9°57	8°53	24°50	21° 0	27° 9	11° 5	27° 0	2°43	1°16	29°50	29° 3	17°11	T 12
W13	9 29 31	23°32'50	5♑11	10°23	9°57	25°21	20°59	27°11	11° 2	27° 1	2°43	1°R16	29°47	29° 9	17°12	W13
T 14	9 33 27	24°33'33	17°30	10°39	11° 1	25°51	20°59	27°13	11° 0	27° 1	2°43	1°14	29°44	29°16	17°13	T 14
F 15	9 37 24	25°34'15	0♒ 6	10°R44	12° 4	26°21	20°D59	27°15	10°57	27° 2	2°43	1°10	29°41	29°23	17°14	F 15
S 16	9 41 20	26°34'57	13° 1	10°38	13° 6	26°52	20°59	27°18	10°55	27° 2	2°D43	1° 4	29°38	29°29	17°15	S 16
S 17	9 45 17	27°35'36	26°15	10°22	14° 9	27°22	20°59	27°19	10°52	27° 3	2°43	0°56	29°34	29°36	17°17	S 17
M18	9 49 13	28°36'14	9♓48	9°56	15°11	27°53	20°59	27°21	10°50	27° 3	2°43	0°46	29°31	29°43	17°18	M18
T 19	9 53 10	29°36'51	23°35	9°20	16°13	28°24	21° 0	27°23	10°47	27° 3	2°43	0°35	29°28	29°49	17°19	T 19
W20	9 57 6	0♓37'26	7♈34	8°36	17°14	28°55	21° 1	27°25	10°44	27° 4	2°43	0°26	29°25	29°56	17°21	W20
T 21	10 1 3	1°37'59	21°40	7°44	18°15	29°26	21° 2	27°26	10°42	27° 4	2°44	0°18	29°22	0♐ 3	17°22	T 21
F 22	10 5 0	2°38'31	5♉49	6°46	19°15	29°58	21° 3	27°28	10°39	27° 4	2°44	0°12	29°19	0° 9	17°24	F 22
S 23	10 8 56	3°39'01	19°58	5°43	20°15	0♊29	21° 5	27°29	10°37	27° 4	2°44	0°10	29°15	0°16	17°26	S 23
S 24	10 12 53	4°39'29	4♊ 5	4°37	21°15	1° 1	21° 6	27°30	10°34	27° 4	2°44	0°D 9	29°12	0°23	17°27	S 24
M25	10 16 49	5°39'55	18°10	3°31	22°14	1°32	21° 8	27°31	10°31	27° 4	2°44	0° 9	29° 9	0°29	17°29	M25
T 26	10 20 46	6°40'19	2♋11	2°25	23°13	2° 4	21°10	27°32	10°29	27° 5	2°44	0°R 9	29° 6	0°36	17°31	T 26
W27	10 24 42	7°40'41	16° 7	1°21	24°11	2°36	21°13	27°33	10°26	27° 5	2°45	0° 8	29° 3	0°43	17°33	W27
T 28	10 28 39	8°41'02	29°58	0°20	25° 8	3° 8	21°15	27°34	10°24	27°R 5	2°45	0° 5	29° 0	0°49	17°35	T 28
F 29	10 32 35	9♓41'20	13♌41	29♒24	26♈ 5	3♊40	21♊18	27♏35	10♍21	27♏ 5	2♊45	29♊59	28♊56	0♐56	17♉37	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s21	21n49	2n48	13s24	1s 1	1s25	0s12	19n11	1n38	22n50	0s19	17s16	2n11	8n 0	0n49	17s47	1n42	7n53	13s 3	23n24	23n25	16s57	14n37	2s23
S 2	17 4	18 50	3 46	12 43	0 51	0 54	0 7	19 18	1 38	22 50	0 19	17 16	2 11	8 1	0 49	17 47	1 42	7 53	13 2	23 25	23 25	16 59	14 38	2 23
S 3	16 47	14 52	4 29	12 1	0 40	0 23	0 2	19 26	1 39	22 50	0 18	17 17	2 11	8 1	0 49	17 47	1 42	7 54	13 2	23 25	23 25	17 2	14 38	2 23
M 4	16 29	10 15	4 57	11 19	0 29	0n 8	0n 3	19 34	1 39	22 50	0 18	17 18	2 11	8 2	0 49	17 47	1 43	7 54	13 2	23 25	23 25	17 4	14 38	2 23
T 5	16 12	5 17	5 9	10 38	0 16	0 38	0 8	19 42	1 39	22 50	0 18	17 18	2 11	8 3	0 49	17 48	1 43	7 54	13 2	23 25	23 25	17 6	14 38	2 23
W 6	15 54	0 14	5 4	9 57	0 3	1 9	0 13	19 50	1 39	22 50	0 18	17 19	2 12	8 4	0 49	17 48	1 43	7 54	13 1	23 25	23 25	17 8	14 39	2 23
T 7	15 35	4s42	4 46	9 17	0n11	1 40	0 18	19 57	1 40	22 50	0 18	17 19	2 12	8 5	0 49	17 48	1 43	7 55	13 1	23 25	23 25	17 10	14 39	2 23
F 8	15 17	9 23	4 15	8 39	0 25	2 11	0 24	20 5	1 40	22 50	0 17	17 20	2 12	8 6	0 49	17 48	1 43	7 55	13 1	23 25	23 25	17 12	14 39	2 23
S 9	14 58	13 38	3 34	8 2	0 41	2 42	0 29	20 13	1 40	22 50	0 17	17 20	2 12	8 7	0 49	17 48	1 43	7 55	13 0	23 25	23 25	17 15	14 39	2 23
S 10	14 39	17 21	2 43	7 28	0 56	3 12	0 34	20 20	1 40	22 50	0 17	17 20	2 12	8 8	0 49	17 48	1 43	7 55	13 0	23 25	23 25	17 17	14 40	2 23
M11	14 19	20 21	1 46	6 56	1 13	3 43	0 40	20 28	1 40	22 50	0 17	17 21	2 13	8 9	0 49	17 48	1 43	7 56	13 0	23 25	23 25	17 19	14 40	2 23
T 12	14 0	22 31	0 44	6 28	1 29	4 13	0 45	20 35	1 41	22 50	0 17	17 21	2 13	8 10	0 49	17 48	1 43	7 56	12 59	23 25	23 25	17 21	14 40	2 22
W13	13 40	23 40	0s21	6 3	1 45	4 43	0 51	20 43	1 41	22 50	0 17	17 21	2 13	8 11	0 49	17 48	1 43	7 56	12 59	23 25	23 25	17 23	14 41	2 22
T 14	13 20	23 42	1 26	5 42	2 2	5 14	0 57	20 50	1 41	22 51	0 16	17 22	2 13	8 11	0 49	17 48	1 43	7 56	12 59	23 25	23 25	17 26	14 41	2 22
F 15	12 59	22 32	2 28	5 25	2 18	5 44	1 3	20 58	1 41	22 51	0 16	17 22	2 13	8 12	0 49	17 48	1 43	7 57	12 59	23 25	23 25	17 28	14 41	2 22
S 16	12 39	20 10	3 25	5 13	2 33	6 14	1 9	21 5	1 41	22 51	0 16	17 22	2 14	8 13	0 49	17 48	1 43	7 57	12 58	23 25	23 25	17 30	14 42	2 22
S 17	12 18	16 41	4 11	5 5	2 47	6 43	1 15	21 12	1 41	22 51	0 16	17 23	2 14	8 14	0 49	17 48	1 43	7 57	12 58	23 25	23 25	17 32	14 42	2 22
M18	11 57	12 17	4 44	5 3	3 1	7 13	1 21	21 19	1 41	22 51	0 16	17 23	2 14	8 15	0 49	17 49	1 43	7 58	12 58	23 25	23 25	17 34	14 43	2 22
T 19	11 36	7 10	5 2	5 5	3 13	7 42	1 27	21 26	1 41	22 52	0 16	17 23	2 14	8 16	0 49	17 49	1 43	7 58	12 57	23 25	23 25	17 36	14 43	2 22
W20	11 15	1 37	5 2	5 12	3 23	8 11	1 33	21 33	1 41	22 52	0 15	17 23	2 14	8 17	0 49	17 49	1 43	7 58	12 57	23 25	23 25	17 38	14 44	2 22
T 21	10 53	4n 3	4 44	5 24	3 31	8 40	1 39	21 40	1 41	22 52	0 15	17 23	2 14	8 18	0 49	17 49	1 44	7 59	12 57	23 25	23 25	17 41	14 44	2 22
F 22	10 32	9 33	4 8	5 39	3 37	9 9	1 45	21 47	1 42	22 52	0 15	17 24	2 15	8 19	0 49	17 49	1 44	7 59	12 56	23 25	23 25	17 43	14 45	2 22
S 23	10 10	14 33	3 17	5 58	3 41	9 38	1 52	21 54	1 42	22 53	0 15	17 24	2 15	8 20	0 49	17 49	1 44	7 59	12 56	23 25	23 25	17 45	14 45	2 22
S 24	9 48	18 45	2 14	6 21	3 43	10 6	1 58	22 0	1 42	22 53	0 15	17 24	2 15	8 21	0 49	17 48	1 44	8 0	12 56	23 25	23 25	17 47	14 46	2 22
M25	9 26	21 51	1 3	6 45	3 42	10 34	2 4	22 7	1 42	22 53	0 15	17 24	2 15	8 22	0 49	17 48	1 44	8 0	12 56	23 25	23 25	17 49	14 46	2 22
T 26	9 3	23 35	0n11	7 11	3 40	11 2	2 11	22 13	1 42	22 53	0 14	17 24	2 15	8 23	0 49	17 48	1 44	8 0	12 55	23 25	23 25	17 51	14 47	2 22
W27	8 41	23 50	1 24	7 39	3 35	11 30	2 17	22 20	1 42	22 54	0 14	17 24	2 16	8 24	0 49	17 48	1 44	8 1	12 55	23 25	23 25	17 53	14 47	2 22
T 28	8 18	22 37	2 31	8 6	3 28	11 57	2 24	22 26	1 42	22 54	0 14	17 24	2 16	8 25	0 49	17 48	1 44	8 1	12 55	23 25	23 25	17 55	14 48	2 22
F 29	7s56	20n 3	3n29	8s34	3n19	12n24	2n30	22n32	1n42	22n54	0s14	17s24	2n16	8n26	0n49	17s48	1n44	8n 1	12s54	23n25	23n25	17s58	14n49	2s21

Julian Day Number = 2499787.5, Delta T = 110.19 sec
Ecliptic obliquity = 23°25'19, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°35'09, Lahiri = 25°42'10

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ASTRODIENST EPHEMERIS for the year 2132
geocentric

MARCH 2132 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 32	10♓41'37	27♌14	28°R34	27♈ 2	4♊13	21♊21	27♏36	10°R18	27°R 4	2♊45	29°R50	28♊53	1♐ 2	17♉39	S 1
S 2	10 40 29	11°41'51	10♍35	27♒50	27°58	4°45	21°24	27°36	10♍16	27♏ 4	2°46	29♊38	28°50	1° 9	17°41	S 2
M 3	10 44 25	12°42'04	23°41	27°12	28°53	5°17	21°27	27°37	10°13	27° 4	2°46	29°26	28°47	1°16	17°43	M 3
T 4	10 48 22	13°42'15	6♎31	26°42	29°48	5°50	21°30	27°37	10°10	27° 4	2°46	29°13	28°44	1°22	17°46	T 4
W 5	10 52 18	14°42'25	19° 4	26°19	0♉42	6°23	21°34	27°37	10° 8	27° 4	2°47	29° 1	28°40	1°29	17°48	W 5
T 6	10 56 15	15°42'33	1♏22	26° 2	1°35	6°55	21°38	27°37	10° 5	27° 4	2°47	28°52	28°37	1°36	17°50	T 6
F 7	11 0 11	16°42'39	13°26	25°53	2°28	7°28	21°41	27°R37	10° 3	27° 3	2°48	28°45	28°34	1°42	17°53	F 7
S 8	11 4 8	17°42'44	25°21	25°D50	3°20	8° 1	21°46	27°37	10° 0	27° 3	2°48	28°40	28°31	1°49	17°55	S 8
S 9	11 8 4	18°42'47	7♐10	25°54	4°11	8°34	21°50	27°37	9°57	27° 3	2°48	28°38	28°28	1°56	17°57	S 9
M10	11 12 1	19°42'48	18°59	26° 3	5° 2	9° 7	21°54	27°37	9°55	27° 2	2°49	28°D38	28°25	2° 2	18° 0	M10
T 11	11 15 58	20°42'48	0♑53	26°19	5°52	9°40	21°59	27°36	9°52	27° 2	2°49	28°R38	28°21	2° 9	18° 3	T 11
W12	11 19 54	21°42'47	12°57	26°39	6°40	10°14	22° 4	27°36	9°50	27° 2	2°50	28°37	28°18	2°16	18° 5	W12
T 13	11 23 51	22°42'43	25°18	27° 5	7°29	10°47	22° 9	27°35	9°47	27° 1	2°51	28°35	28°15	2°22	18° 8	T 13
F 14	11 27 47	23°42'38	7♒59	27°36	8°16	11°20	22°14	27°34	9°45	27° 1	2°51	28°30	28°12	2°29	18°11	F 14
S 15	11 31 44	24°42'32	21° 4	28°11	9° 2	11°54	22°19	27°34	9°42	27° 0	2°52	28°23	28° 9	2°36	18°13	S 15
S 16	11 35 40	25°42'23	4♓33	28°50	9°47	12°27	22°25	27°33	9°40	27° 0	2°52	28°12	28° 5	2°42	18°16	S 16
M17	11 39 37	26°42'13	18°25	29°33	10°32	13° 1	22°31	27°32	9°37	26°59	2°53	28° 1	28° 2	2°49	18°19	M17
T 18	11 43 33	27°42'00	2♈37	0♓20	11°15	13°35	22°36	27°31	9°35	26°58	2°54	27°48	27°59	2°56	18°22	T 18
W19	11 47 30	28°41'46	17° 3	1°10	11°57	14° 9	22°42	27°29	9°32	26°58	2°54	27°36	27°56	3° 2	18°25	W19
T 20	11 51 27	29°41'29	1♉36	2° 4	12°39	14°42	22°49	27°28	9°30	26°57	2°55	27°26	27°53	3° 9	18°28	T 20
F 21	11 55 23	0♈41'11	16°10	3° 0	13°19	15°16	22°55	27°27	9°27	26°56	2°56	27°19	27°50	3°16	18°31	F 21
S 22	11 59 20	1°40'50	0♊38	3°59	13°58	15°50	23° 1	27°25	9°25	26°56	2°56	27°15	27°46	3°22	18°34	S 22
S 23	12 3 16	2°40'27	14°57	5° 1	14°35	16°24	23° 8	27°24	9°23	26°55	2°57	27°13	27°43	3°29	18°37	S 23
M24	12 7 13	3°40'02	29° 4	6° 6	15°12	16°59	23°15	27°22	9°20	26°54	2°58	27°13	27°40	3°36	18°40	M24
T 25	12 11 9	4°39'34	12♋59	7°13	15°47	17°33	23°22	27°20	9°18	26°53	2°59	27°13	27°37	3°42	18°43	T 25
W26	12 15 6	5°39'04	26°42	8°22	16°20	18° 7	23°29	27°18	9°16	26°52	2°59	27°12	27°34	3°49	18°47	W26
T 27	12 19 2	6°38'32	10♌13	9°33	16°52	18°41	23°36	27°16	9°13	26°52	3° 0	27° 8	27°31	3°56	18°50	T 27
F 28	12 22 59	7°37'58	23°33	10°46	17°23	19°16	23°43	27°14	9°11	26°51	3° 1	27° 2	27°27	4° 2	18°53	F 28
S 29	12 26 56	8°37'21	6♍42	12° 1	17°52	19°50	23°51	27°12	9° 9	26°50	3° 2	26°53	27°24	4° 9	18°56	S 29
S 30	12 30 52	9°36'42	19°40	13°18	18°19	20°24	23°58	27°10	9° 7	26°49	3° 3	26°41	27°21	4°16	19° 0	S 30
M31	12 34 49	10♈36'00	2♎27	14♓37	18♉45	20♊59	24♊ 6	27♏ 8	9♍ 5	26♏48	3♊ 4	26♊28	27♊18	4♐22	19♉ 3	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s33	16n24	4n15	9s 0	3n 9	12n51	2n37	22n38	1n42	22n55	0s14	17s24	2n16	8n27	0n49	17s48	1n44	8n 2	12s54	23n25	23n25	18s 0	14n49	2s21
S 2	7 10	11 59	4 45	9 26	2 58	13 17	2 44	22 44	1 42	22 55	0 14	17 24	2 16	8 28	0 49	17 48	1 44	8 2	12 54	23 25	23 25	18 2	14 50	2 21
M 3	6 47	7 6	5 0	9 50	2 46	13 43	2 50	22 50	1 42	22 55	0 13	17 24	2 17	8 29	0 49	17 48	1 44	8 2	12 53	23 25	23 25	18 4	14 51	2 21
T 4	6 24	1 59	4 59	10 12	2 33	14 9	2 57	22 56	1 42	22 56	0 13	17 24	2 17	8 30	0 49	17 48	1 44	8 3	12 53	23 25	23 25	18 6	14 51	2 21
W 5	6 1	3s 5	4 43	10 33	2 20	14 34	3 4	23 2	1 42	22 56	0 13	17 23	2 17	8 31	0 49	17 48	1 44	8 3	12 53	23 25	23 25	18 8	14 52	2 21
T 6	5 38	7 57	4 15	10 51	2 6	14 59	3 10	23 7	1 42	22 57	0 13	17 23	2 17	8 32	0 49	17 48	1 44	8 3	12 53	23 25	23 25	18 10	14 53	2 21
F 7	5 15	12 26	3 35	11 8	1 52	15 24	3 17	23 13	1 42	22 57	0 13	17 23	2 17	8 33	0 49	17 48	1 44	8 4	12 52	23 25	23 25	18 12	14 53	2 21
S 8	4 51	16 23	2 47	11 22	1 38	15 48	3 24	23 18	1 42	22 57	0 13	17 23	2 18	8 34	0 49	17 47	1 44	8 4	12 52	23 25	23 25	18 14	14 54	2 21
S 9	4 28	19 40	1 51	11 34	1 24	16 12	3 31	23 23	1 42	22 58	0 12	17 23	2 18	8 35	0 49	17 47	1 44	8 4	12 52	23 25	23 25	18 17	14 55	2 21
M10	4 4	22 7	0 51	11 44	1 10	16 36	3 37	23 28	1 41	22 58	0 12	17 22	2 18	8 36	0 49	17 47	1 45	8 5	12 51	23 25	23 25	18 19	14 55	2 21
T 11	3 41	23 37	0s12	11 51	0 56	16 59	3 44	23 33	1 41	22 59	0 12	17 22	2 18	8 37	0 49	17 47	1 45	8 5	12 51	23 25	23 25	18 21	14 56	2 21
W12	3 17	24 2	1 15	11 57	0 43	17 22	3 51	23 38	1 41	22 59	0 12	17 22	2 18	8 38	0 49	17 47	1 45	8 6	12 51	23 25	23 25	18 23	14 57	2 21
T 13	2 53	23 18	2 16	12 0	0 30	17 44	3 58	23 43	1 41	23 0	0 12	17 21	2 19	8 39	0 49	17 47	1 45	8 6	12 50	23 25	23 25	18 25	14 58	2 21
F 14	2 30	21 21	3 12	12 1	0 17	18 6	4 4	23 48	1 41	23 0	0 12	17 21	2 19	8 40	0 49	17 47	1 45	8 6	12 50	23 25	23 25	18 27	14 58	2 21
S 15	2 6	18 15	4 0	12 1	0 5	18 27	4 11	23 52	1 41	23 1	0 11	17 21	2 19	8 41	0 49	17 46	1 45	8 7	12 50	23 25	23 25	18 29	14 59	2 21
S 16	1 42	14 6	4 35	11 58	0s 7	18 48	4 18	23 57	1 41	23 1	0 11	17 20	2 19	8 42	0 49	17 46	1 45	8 7	12 50	23 25	23 25	18 31	15 0	2 21
M17	1 19	9 7	4 56	11 54	0 18	19 9	4 24	24 1	1 41	23 2	0 11	17 20	2 19	8 43	0 49	17 46	1 45	8 8	12 49	23 24	23 24	18 33	15 1	2 21
T 18	0 55	3 32	4 59	11 48	0 29	19 29	4 31	24 5	1 41	23 2	0 11	17 20	2 19	8 44	0 49	17 46	1 45	8 8	12 49	23 24	23 24	18 35	15 2	2 21
W19	0 31	2n20	4 43	11 40	0 39	19 48	4 37	24 9	1 41	23 2	0 11	17 19	2 20	8 45	0 49	17 46	1 45	8 8	12 49	23 24	23 24	18 37	15 2	2 21
T 20	0 7	8 7	4 9	11 30	0 49	20 8	4 44	24 13	1 41	23 3	0 11	17 19	2 20	8 45	0 49	17 46	1 45	8 9	12 49	23 24	23 24	18 39	15 3	2 21
F 21	0n16	13 29	3 19	11 19	0 59	20 26	4 50	24 16	1 40	23 3	0 11	17 18	2 20	8 46	0 49	17 45	1 45	8 9	12 48	23 24	23 24	18 41	15 4	2 21
S 22	0 40	18 3	2 16	11 6	1 8	20 44	4 57	24 20	1 40	23 4	0 10	17 18	2 20	8 47	0 49	17 45	1 45	8 9	12 48	23 24	23 24	18 43	15 5	2 21
S 23	1 4	21 30	1 4	10 51	1 17	21 1	5 3	24 23	1 40	23 4	0 10	17 17	2 20	8 48	0 49	17 45	1 45	8 10	12 48	23 24	23 24	18 45	15 6	2 21
M24	1 27	23 35	0n10	10 35	1 25	21 18	5 9	24 27	1 40	23 5	0 10	17 17	2 20	8 49	0 49	17 45	1 45	8 10	12 47	23 24	23 24	18 47	15 7	2 21
T 25	1 51	24 9	1 22	10 17	1 32	21 35	5 15	24 30	1 40	23 5	0 10	17 16	2 21	8 50	0 49	17 44	1 45	8 11	12 47	23 24	23 24	18 49	15 8	2 21
W26	2 15	23 14	2 29	9 58	1 40	21 50	5 22	24 33	1 40	23 6	0 10	17 15	2 21	8 51	0 49	17 44	1 45	8 11	12 47	23 24	23 24	18 52	15 9	2 21
T 27	2 38	20 59	3 26	9 37	1 46	22 5	5 27	24 36	1 40	23 6	0 10	17 15	2 21	8 51	0 49	17 44	1 45	8 11	12 47	23 23	23 24	18 54	15 9	2 21
F 28	3 2	17 37	4 12	9 15	1 52	22 20	5 33	24 39	1 40	23 7	0 10	17 14	2 21	8 52	0 49	17 44	1 45	8 12	12 46	23 23	23 24	18 56	15 10	2 21
S 29	3 25	13 25	4 43	8 52	1 58	22 34	5 39	24 41	1 39	23 7	0 9	17 14	2 21	8 53	0 49	17 43	1 45	8 12	12 46	23 23	23 24	18 58	15 11	2 21
S 30	3 48	8 40	4 59	8 27	2 3	22 47	5 45	24 44	1 39	23 8	0 9	17 13	2 21	8 54	0 49	17 43	1 45	8 13	12 46	23 23	23 24	19 0	15 12	2 21
M31	4n12	3n36	4n59	8s 1	2s 8	22n59	5n50	24n46	1n39	23n 8	0s 9	17s12	2n22	8n55	0n49	17s43	1n46	8n13	12s46	23n23	23n24	19s 2	15n13	2s20

Julian Day Number = 2499816.5, Delta T = 110.24 sec
Ecliptic obliquity = 23°25'20, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°35'13, Lahiri = 25°42'14

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ASTRODIENST EPHEMERIS for the year 2132
geocentric

APRIL 2132 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 45	11♈35'17	15♎ 0	15♓58	19♉ 9	21♊33	24♊14	27°R 5	9°R 3	26°R47	3♊ 4	26°R15	27♊15	4♐29	19♉ 7	T 1
W 2	12 42 42	12°34'32	27°22	17°21	19°31	22° 8	24°22	27♏ 3	9♍ 1	26♏46	3° 5	26♊ 3	27°11	4°36	19°10	W 2
T 3	12 46 38	13°33'44	9♏32	18°45	19°51	22°43	24°30	27° 0	8°59	26°45	3° 6	25°53	27° 8	4°42	19°14	T 3
F 4	12 50 35	14°32'55	21°31	20°11	20°10	23°17	24°39	26°57	8°57	26°44	3° 7	25°45	27° 5	4°49	19°17	F 4
S 5	12 54 31	15°32'04	3♐23	21°38	20°26	23°52	24°47	26°55	8°55	26°42	3° 8	25°41	27° 2	4°56	19°21	S 5
S 6	12 58 28	16°31'11	15°11	23° 7	20°40	24°27	24°56	26°52	8°53	26°41	3° 9	25°38	26°59	5° 2	19°24	S 6
M 7	13 2 24	17°30'17	26°59	24°38	20°53	25° 1	25° 4	26°49	8°51	26°40	3°10	25°D38	26°56	5° 9	19°28	M 7
T 8	13 6 21	18°29'21	8♑52	26°10	21° 3	25°36	25°13	26°46	8°49	26°39	3°11	25°38	26°52	5°15	19°32	T 8
W 9	13 10 18	19°28'22	20°56	27°44	21°11	26°11	25°22	26°43	8°47	26°38	3°12	25°R38	26°49	5°22	19°35	W 9
T 10	13 14 14	20°27'23	3♒15	29°19	21°16	26°46	25°31	26°40	8°45	26°37	3°13	25°37	26°46	5°29	19°39	T 10
F 11	13 18 11	21°26'21	15°55	0♈56	21°20	27°21	25°40	26°37	8°44	26°35	3°14	25°35	26°43	5°35	19°43	F 11
S 12	13 22 7	22°25'18	29° 0	2°35	21°R20	27°56	25°50	26°33	8°42	26°34	3°15	25°30	26°40	5°42	19°46	S 12
S 13	13 26 4	23°24'12	12♓33	4°15	21°19	28°31	25°59	26°30	8°40	26°33	3°16	25°22	26°37	5°49	19°50	S 13
M14	13 30 0	24°23'05	26°33	5°56	21°15	29° 6	26° 9	26°27	8°39	26°32	3°17	25°13	26°33	5°55	19°54	M14
T 15	13 33 57	25°21'56	10♈58	7°39	21° 9	29°41	26°18	26°23	8°37	26°30	3°19	25° 4	26°30	6° 2	19°58	T 15
W16	13 37 53	26°20'45	25°42	9°23	21° 0	0♋17	26°28	26°20	8°36	26°29	3°20	24°55	26°27	6° 9	20° 2	W16
T 17	13 41 50	27°19'33	10♉37	11° 9	20°49	0°52	26°38	26°16	8°34	26°28	3°21	24°47	26°24	6°15	20° 6	T 17
F 18	13 45 47	28°18'18	25°34	12°57	20°35	1°27	26°48	26°12	8°33	26°26	3°22	24°42	26°21	6°22	20° 9	F 18
S 19	13 49 43	29°17'01	10♊26	14°46	20°19	2° 2	26°58	26° 9	8°31	26°25	3°23	24°39	26°17	6°29	20°13	S 19
S 20	13 53 40	0♉15'42	25° 4	16°37	20° 1	2°38	27° 8	26° 5	8°30	26°23	3°24	24°D38	26°14	6°35	20°17	S 20
M21	13 57 36	1°14'21	9♋25	18°29	19°40	3°13	27°18	26° 1	8°29	26°22	3°25	24°38	26°11	6°42	20°21	M21
T 22	14 1 33	2°12'58	23°27	20°23	19°17	3°48	27°29	25°57	8°28	26°20	3°27	24°39	26° 8	6°49	20°25	T 22
W23	14 5 29	3°11'32	7♌ 9	22°19	18°51	4°24	27°39	25°53	8°26	26°19	3°28	24°R39	26° 5	6°55	20°29	W23
T 24	14 9 26	4°10'05	20°34	24°16	18°24	4°59	27°50	25°49	8°25	26°18	3°29	24°38	26° 2	7° 2	20°33	T 24
F 25	14 13 22	5° 8'35	3♍41	26°15	17°55	5°35	28° 0	25°45	8°24	26°16	3°30	24°35	25°58	7° 9	20°37	F 25
S 26	14 17 19	6° 7'02	16°34	28°15	17°24	6°10	28°11	25°41	8°23	26°15	3°31	24°29	25°55	7°15	20°41	S 26
S 27	14 21 16	7° 5'28	29°14	0♉16	16°51	6°46	28°22	25°37	8°22	26°13	3°33	24°22	25°52	7°22	20°45	S 27
M28	14 25 12	8° 3'52	11♎42	2°20	16°17	7°21	28°33	25°33	8°21	26°12	3°34	24°14	25°49	7°29	20°49	M28
T 29	14 29 9	9° 2'13	23°59	4°24	15°42	7°57	28°44	25°29	8°20	26°10	3°35	24° 5	25°46	7°35	20°53	T 29
W30	14 33 5	10♉ 0'33	6♏ 8	6♉30	15♉ 5	8♋32	28♊55	25♏24	8♍19	26♏ 8	3♊36	23♊57	25♊42	7♐42	20♉57	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n35	1s31	4n45	7s34	2s12	23n11	5n55	24n48	1n39	23n 9	0s 9	17s12	2n22	8n55	0n49	17s43	1n46	8n13	12s45	23n22	23n24	19s 4	15n14	2s20
W 2	4 58	6 31	4 18	7 5	2 16	23 22	6 0	24 50	1 39	23 9	0 9	17 11	2 22	8 56	0 49	17 42	1 46	8 14	12 45	23 22	23 24	19 6	15 15	2 20
T 3	5 21	11 12	3 39	6 35	2 19	23 32	6 5	24 52	1 39	23 10	0 9	17 10	2 22	8 57	0 49	17 42	1 46	8 14	12 45	23 22	23 23	19 8	15 16	2 20
F 4	5 44	15 23	2 51	6 4	2 22	23 42	6 9	24 53	1 38	23 10	0 9	17 9	2 22	8 58	0 49	17 42	1 46	8 15	12 45	23 21	23 23	19 10	15 17	2 20
S 5	6 7	18 56	1 55	5 32	2 25	23 50	6 14	24 55	1 38	23 11	0 8	17 9	2 22	8 58	0 49	17 42	1 46	8 15	12 45	23 21	23 23	19 12	15 18	2 20
S 6	6 29	21 41	0 55	4 58	2 26	23 58	6 18	24 56	1 38	23 11	0 8	17 8	2 22	8 59	0 48	17 41	1 46	8 15	12 44	23 21	23 23	19 14	15 19	2 20
M 7	6 52	23 31	0s 7	4 24	2 28	24 5	6 21	24 58	1 38	23 12	0 8	17 7	2 23	9 0	0 48	17 41	1 46	8 16	12 44	23 21	23 23	19 16	15 20	2 20
T 8	7 15	24 17	1 10	3 48	2 29	24 11	6 25	24 59	1 38	23 12	0 8	17 6	2 23	9 0	0 48	17 41	1 46	8 16	12 44	23 21	23 23	19 18	15 21	2 20
W 9	7 37	23 57	2 11	3 11	2 29	24 16	6 28	25 0	1 38	23 13	0 8	17 6	2 23	9 1	0 48	17 40	1 46	8 17	12 44	23 21	23 23	19 20	15 22	2 21
T 10	7 59	22 26	3 7	2 33	2 29	24 20	6 31	25 0	1 37	23 13	0 8	17 5	2 23	9 2	0 48	17 40	1 46	8 17	12 43	23 21	23 23	19 22	15 23	2 21
F 11	8 21	19 47	3 55	1 54	2 28	24 24	6 33	25 1	1 37	23 13	0 8	17 4	2 23	9 2	0 48	17 40	1 46	8 17	12 43	23 21	23 23	19 24	15 24	2 21
S 12	8 43	16 4	4 33	1 14	2 27	24 26	6 35	25 1	1 37	23 14	0 8	17 3	2 23	9 3	0 48	17 39	1 46	8 18	12 43	23 21	23 23	19 25	15 25	2 21
S 13	9 5	11 25	4 57	0 33	2 26	24 27	6 36	25 2	1 37	23 14	0 7	17 2	2 23	9 4	0 48	17 39	1 46	8 18	12 43	23 20	23 23	19 27	15 26	2 21
M14	9 27	6 1	5 4	0n 9	2 24	24 27	6 37	25 2	1 37	23 15	0 7	17 1	2 23	9 4	0 48	17 39	1 46	8 19	12 43	23 20	23 23	19 29	15 27	2 21
T 15	9 48	0 9	4 53	0 52	2 21	24 25	6 38	25 2	1 36	23 15	0 7	17 0	2 23	9 5	0 48	17 38	1 46	8 19	12 42	23 20	23 23	19 31	15 28	2 21
W16	10 10	5n51	4 22	1 36	2 18	24 23	6 38	25 1	1 36	23 15	0 7	16 59	2 24	9 5	0 48	17 38	1 46	8 19	12 42	23 19	23 22	19 33	15 29	2 21
T 17	10 31	11 37	3 33	2 21	2 14	24 19	6 37	25 1	1 36	23 16	0 7	16 59	2 24	9 6	0 48	17 38	1 46	8 20	12 42	23 19	23 22	19 35	15 30	2 21
F 18	10 52	16 43	2 29	3 7	2 10	24 15	6 36	25 1	1 36	23 16	0 7	16 58	2 24	9 6	0 48	17 37	1 46	8 20	12 42	23 19	23 22	19 37	15 31	2 21
S 19	11 13	20 45	1 16	3 53	2 5	24 8	6 35	25 0	1 36	23 17	0 7	16 57	2 24	9 7	0 48	17 37	1 46	8 20	12 42	23 19	23 22	19 39	15 32	2 21
S 20	11 33	23 22	0n 2	4 41	2 0	24 1	6 32	24 59	1 35	23 17	0 7	16 56	2 24	9 7	0 48	17 37	1 46	8 21	12 41	23 19	23 22	19 41	15 33	2 21
M21	11 54	24 24	1 19	5 29	1 55	23 52	6 29	24 58	1 35	23 17	0 6	16 55	2 24	9 8	0 48	17 36	1 46	8 21	12 41	23 19	23 22	19 43	15 34	2 21
T 22	12 14	23 50	2 29	6 17	1 48	23 42	6 25	24 57	1 35	23 18	0 6	16 54	2 24	9 8	0 48	17 36	1 46	8 22	12 41	23 19	23 22	19 45	15 35	2 21
W23	12 34	21 50	3 28	7 6	1 42	23 31	6 21	24 56	1 35	23 18	0 6	16 53	2 24	9 8	0 48	17 36	1 46	8 22	12 41	23 19	23 22	19 47	15 36	2 21
T 24	12 54	18 39	4 15	7 56	1 35	23 18	6 16	24 54	1 34	23 18	0 6	16 52	2 24	9 9	0 48	17 35	1 46	8 22	12 41	23 19	23 22	19 49	15 37	2 21
F 25	13 14	14 37	4 48	8 46	1 27	23 4	6 10	24 52	1 34	23 18	0 6	16 51	2 24	9 9	0 48	17 35	1 46	8 23	12 41	23 19	23 22	19 51	15 38	2 21
S 26	13 33	9 58	5 5	9 37	1 19	22 49	6 3	24 51	1 34	23 19	0 6	16 50	2 24	9 10	0 48	17 34	1 46	8 23	12 40	23 18	23 22	19 53	15 39	2 21
S 27	13 52	4 59	5 6	10 27	1 11	22 32	5 56	24 49	1 34	23 19	0 6	16 49	2 24	9 10	0 48	17 34	1 46	8 23	12 40	23 18	23 21	19 55	15 40	2 21
M28	14 11	0s 7	4 54	11 18	1 2	22 14	5 48	24 46	1 34	23 19	0 6	16 48	2 24	9 10	0 48	17 34	1 46	8 24	12 40	23 18	23 21	19 56	15 41	2 21
T 29	14 30	5 9	4 27	12 9	0 53	21 55	5 39	24 44	1 33	23 19	0 6	16 47	2 24	9 11	0 48	17 33	1 46	8 24	12 40	23 17	23 21	19 58	15 42	2 21
W30	14n48	9s57	3n49	13n 0	0s43	21n35	5n29	24n42	1n33	23n20	0s 5	16s46	2n24	9n11	0n48	17s33	1n46	8n24	12s40	23n17	23n21	20s 0	15n43	2s21

Julian Day Number = 2499847.5, Delta T = 110.29 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°35'17, Lahiri = 25°42'18

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ASTRODIENST EPHEMERIS for the year 2132
geocentric

MAY 2132 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 37 2	10♉58'51	18♏ 8	8♉36	14°R28	9♋ 8	29♊ 6	25°R20	8°R19	26°R 7	3♊38	23°R51	25♊39	7♐49	21♉ 1	T 1
F 2	14 40 58	11°57'08	0♐ 1	10°44	13♉51	9°44	29°17	25♏16	8♍18	26♏ 5	3°39	23♊46	25°36	7°55	21° 6	F 2
S 3	14 44 55	12°55'22	11°50	12°53	13°13	10°19	29°28	25°12	8°17	26° 4	3°40	23°44	25°33	8° 2	21°10	S 3
S 4	14 48 51	13°53'35	23°37	15° 2	12°35	10°55	29°40	25° 7	8°17	26° 2	3°41	23°D43	25°30	8° 8	21°14	S 4
M 5	14 52 48	14°51'47	5♑26	17°12	11°57	11°31	29°51	25° 3	8°16	26° 1	3°43	23°43	25°27	8°15	21°18	M 5
T 6	14 56 45	15°49'57	17°20	19°22	11°20	12° 6	0♋ 3	24°58	8°15	25°59	3°44	23°45	25°23	8°22	21°22	T 6
W 7	15 0 41	16°48'06	29°24	21°31	10°44	12°42	0°14	24°54	8°15	25°57	3°45	23°47	25°20	8°28	21°26	W 7
T 8	15 4 38	17°46'13	11♒42	23°41	10° 8	13°18	0°26	24°50	8°15	25°56	3°47	23°48	25°17	8°35	21°30	T 8
F 9	15 8 34	18°44'18	24°20	25°49	9°34	13°54	0°38	24°45	8°14	25°54	3°48	23°R48	25°14	8°42	21°34	F 9
S 10	15 12 31	19°42'23	7♓22	27°57	9° 1	14°30	0°50	24°41	8°14	25°53	3°49	23°46	25°11	8°48	21°39	S 10
S 11	15 16 27	20°40'26	20°50	0♊ 3	8°30	15° 6	1° 2	24°36	8°14	25°51	3°51	23°44	25° 8	8°55	21°43	S 11
M12	15 20 24	21°38'27	4♈46	2° 8	8° 0	15°41	1°14	24°32	8°13	25°49	3°52	23°40	25° 4	9° 2	21°47	M12
T 13	15 24 20	22°36'27	19°10	4°11	7°33	16°17	1°26	24°27	8°13	25°48	3°53	23°35	25° 1	9° 8	21°51	T 13
W14	15 28 17	23°34'26	3♉57	6°12	7° 7	16°53	1°38	24°23	8°13	25°46	3°55	23°31	24°58	9°15	21°55	W14
T 15	15 32 14	24°32'23	19° 0	8°10	6°43	17°29	1°50	24°18	8°D13	25°45	3°56	23°27	24°55	9°22	21°59	T 15
F 16	15 36 10	25°30'20	4♊10	10° 6	6°22	18° 5	2° 2	24°14	8°13	25°43	3°57	23°25	24°52	9°28	22° 3	F 16
S 17	15 40 7	26°28'14	19°18	12° 0	6° 3	18°41	2°14	24° 9	8°13	25°41	3°59	23°D24	24°48	9°35	22° 8	S 17
S 18	15 44 3	27°26'07	4♋14	13°50	5°46	19°17	2°27	24° 5	8°13	25°40	4° 0	23°24	24°45	9°42	22°12	S 18
M19	15 48 0	28°23'58	18°52	15°38	5°32	19°53	2°39	24° 0	8°13	25°38	4° 1	23°25	24°42	9°48	22°16	M19
T 20	15 51 56	29°21'48	3♌ 8	17°23	5°20	20°30	2°52	23°56	8°14	25°36	4° 3	23°27	24°39	9°55	22°20	T 20
W21	15 55 53	0♊19'36	16°59	19° 4	5°10	21° 6	3° 4	23°51	8°14	25°35	4° 4	23°28	24°36	10° 2	22°24	W21
T 22	15 59 49	1°17'22	0♍26	20°43	5° 3	21°42	3°17	23°47	8°14	25°33	4° 5	23°R28	24°33	10° 8	22°28	T 22
F 23	16 3 46	2°15'06	13°32	22°18	4°58	22°18	3°29	23°42	8°15	25°32	4° 7	23°28	24°29	10°15	22°32	F 23
S 24	16 7 43	3°12'49	26°18	23°50	4°55	22°54	3°42	23°38	8°15	25°30	4° 8	23°26	24°26	10°21	22°36	S 24
S 25	16 11 39	4°10'30	8♎47	25°18	4°D55	23°30	3°55	23°34	8°15	25°28	4° 9	23°24	24°23	10°28	22°41	S 25
M26	16 15 36	5° 8'10	21° 3	26°44	4°58	24° 6	4° 7	23°29	8°16	25°27	4°11	23°22	24°20	10°35	22°45	M26
T 27	16 19 32	6° 5'48	3♏ 9	28° 5	5° 2	24°43	4°20	23°25	8°17	25°25	4°12	23°19	24°17	10°41	22°49	T 27
W28	16 23 29	7° 3'25	15° 6	29°24	5° 9	25°19	4°33	23°21	8°17	25°23	4°14	23°16	24°14	10°48	22°53	W28
T 29	16 27 25	8° 1'01	26°59	0♋38	5°18	25°55	4°46	23°16	8°18	25°22	4°15	23°15	24°10	10°55	22°57	T 29
F 30	16 31 22	8°58'36	8♐48	1°50	5°29	26°31	4°59	23°12	8°19	25°20	4°16	23°13	24° 7	11° 1	23° 1	F 30
S 31	16 35 18	9♊56'09	20♐35	2♋57	5♉42	27♋ 8	5♋12	23♏ 8	8♍19	25♏19	4♊18	23°D13	24♊ 4	11♐ 8	23♉ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 7	14s19	3n 1	13n50	0s33	21n15	5n19	24n39	1n33	23n20	0s 5	16s45	2n24	9n11	0n48	17s33	1n46	8n25	12s40	23n17	23n21	20s 2	15n44	2s21
F 2	15 25	18 6	2 5	14 40	0 23	20 53	5 8	24 36	1 33	23 20	0 5	16 44	2 24	9 11	0 48	17 32	1 46	8 25	12 40	23 17	23 21	20 4	15 45	2 21
S 3	15 42	21 8	1 4	15 30	0 13	20 30	4 57	24 33	1 32	23 20	0 5	16 43	2 24	9 12	0 48	17 32	1 46	8 26	12 40	23 16	23 21	20 6	15 46	2 21
S 4	16 0	23 16	0 0	16 18	0 2	20 7	4 45	24 30	1 32	23 20	0 5	16 42	2 24	9 12	0 48	17 31	1 46	8 26	12 39	23 16	23 21	20 8	15 47	2 21
M 5	16 17	24 22	1s 3	17 6	0n 8	19 43	4 32	24 27	1 32	23 20	0 5	16 41	2 24	9 12	0 47	17 31	1 46	8 26	12 39	23 16	23 21	20 10	15 48	2 21
T 6	16 34	24 22	2 5	17 52	0 19	19 20	4 19	24 23	1 32	23 21	0 5	16 40	2 24	9 12	0 47	17 31	1 47	8 27	12 39	23 16	23 21	20 12	15 49	2 22
W 7	16 51	23 14	3 2	18 36	0 30	18 55	4 6	24 20	1 31	23 21	0 5	16 38	2 24	9 12	0 47	17 30	1 47	8 27	12 39	23 17	23 20	20 13	15 50	2 22
T 8	17 7	20 59	3 52	19 20	0 40	18 31	3 52	24 16	1 31	23 21	0 5	16 37	2 24	9 12	0 47	17 30	1 47	8 27	12 39	23 17	23 20	20 15	15 51	2 22
F 9	17 23	17 41	4 32	20 1	0 50	18 7	3 38	24 12	1 31	23 21	0 4	16 36	2 24	9 12	0 47	17 30	1 47	8 28	12 39	23 17	23 20	20 17	15 52	2 22
S 10	17 39	13 26	5 0	20 40	1 0	17 43	3 24	24 8	1 31	23 21	0 4	16 35	2 24	9 13	0 47	17 29	1 47	8 28	12 39	23 17	23 20	20 19	15 53	2 22
S 11	17 54	8 25	5 12	21 17	1 10	17 19	3 10	24 4	1 30	23 21	0 4	16 34	2 24	9 13	0 47	17 29	1 47	8 28	12 39	23 16	23 20	20 21	15 54	2 22
M12	18 10	2 48	5 7	21 52	1 19	16 56	2 55	23 59	1 30	23 21	0 4	16 33	2 24	9 13	0 47	17 28	1 47	8 29	12 39	23 16	23 20	20 23	15 55	2 22
T 13	18 25	3n 8	4 42	22 24	1 28	16 33	2 41	23 55	1 30	23 21	0 4	16 32	2 24	9 13	0 47	17 28	1 47	8 29	12 38	23 16	23 20	20 25	15 56	2 22
W14	18 39	9 5	3 59	22 54	1 36	16 11	2 26	23 50	1 29	23 21	0 4	16 31	2 24	9 13	0 47	17 28	1 47	8 29	12 38	23 16	23 20	20 26	15 57	2 22
T 15	18 53	14 36	2 58	23 21	1 43	15 50	2 12	23 45	1 29	23 21	0 4	16 30	2 24	9 13	0 47	17 27	1 47	8 29	12 38	23 16	23 19	20 28	15 58	2 22
F 16	19 7	19 16	1 44	23 46	1 50	15 29	1 58	23 40	1 29	23 21	0 4	16 29	2 24	9 13	0 47	17 27	1 47	8 30	12 38	23 16	23 19	20 30	15 59	2 22
S 17	19 21	22 37	0 23	24 8	1 57	15 9	1 44	23 35	1 29	23 21	0 4	16 28	2 24	9 13	0 47	17 27	1 47	8 30	12 38	23 15	23 19	20 32	16 0	2 22
S 18	19 34	24 21	0n59	24 28	2 2	14 51	1 30	23 30	1 28	23 21	0 3	16 27	2 24	9 12	0 47	17 26	1 47	8 30	12 38	23 15	23 19	20 34	16 1	2 22
M19	19 47	24 20	2 16	24 45	2 7	14 33	1 16	23 24	1 28	23 20	0 3	16 26	2 24	9 12	0 47	17 26	1 47	8 31	12 38	23 16	23 19	20 36	16 1	2 23
T 20	20 0	22 43	3 22	24 59	2 11	14 16	1 2	23 18	1 28	23 20	0 3	16 25	2 24	9 12	0 47	17 25	1 47	8 31	12 38	23 16	23 19	20 37	16 2	2 23
W21	20 12	19 46	4 14	25 12	2 14	14 1	0 49	23 13	1 28	23 20	0 3	16 24	2 24	9 12	0 47	17 25	1 47	8 31	12 38	23 16	23 19	20 39	16 3	2 23
T 22	20 24	15 50	4 50	25 21	2 16	13 46	0 36	23 7	1 27	23 20	0 3	16 23	2 24	9 12	0 47	17 25	1 47	8 31	12 38	23 16	23 19	20 41	16 4	2 23
F 23	20 36	11 15	5 11	25 29	2 17	13 33	0 24	23 1	1 27	23 20	0 3	16 22	2 24	9 12	0 47	17 24	1 47	8 32	12 38	23 16	23 18	20 43	16 5	2 23
S 24	20 47	6 17	5 15	25 35	2 18	13 20	0 12	22 54	1 27	23 19	0 3	16 21	2 24	9 12	0 47	17 24	1 46	8 32	12 38	23 16	23 18	20 45	16 6	2 23
S 25	20 58	1 11	5 4	25 38	2 18	13 9	0s 0	22 48	1 26	23 19	0 3	16 20	2 24	9 11	0 47	17 24	1 46	8 32	12 38	23 15	23 18	20 46	16 7	2 23
M26	21 8	3s53	4 40	25 40	2 17	12 59	0 12	22 41	1 26	23 19	0 3	16 19	2 24	9 11	0 47	17 23	1 46	8 33	12 38	23 15	23 18	20 48	16 8	2 23
T 27	21 19	8 45	4 3	25 39	2 15	12 50	0 23	22 35	1 26	23 19	0 3	16 18	2 23	9 11	0 47	17 23	1 46	8 33	12 38	23 15	23 18	20 50	16 9	2 23
W28	21 28	13 14	3 16	25 37	2 12	12 42	0 33	22 28	1 26	23 18	0 2	16 17	2 23	9 11	0 47	17 22	1 46	8 33	12 38	23 15	23 18	20 52	16 10	2 23
T 29	21 38	17 12	2 20	25 34	2 8	12 35	0 44	22 21	1 25	23 18	0 2	16 16	2 23	9 10	0 46	17 22	1 46	8 33	12 38	23 15	23 18	20 54	16 11	2 24
F 30	21 47	20 27	1 19	25 28	2 4	12 30	0 54	22 13	1 25	23 17	0 2	16 15	2 23	9 10	0 46	17 22	1 46	8 34	12 38	23 15	23 17	20 55	16 12	2 24
S 31	21n55	22s51	0n15	25n22	1n58	12n25	1s 3	22n 6	1n25	23n17	0s 2	16s14	2n23	9n10	0n46	17s21	1n46	8n34	12s38	23n15	23n17	20s57	16n13	2s24

Julian Day Number = 2499877.5, Delta T = 110.34 sec
Ecliptic obliquity = 23°25'20, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°35'21, Lahiri = 25°42'22

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ASTRODIENST EPHEMERIS for the year 2132
geocentric

JUNE 2132 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 39 15	10♊53'41	2♉24	4♋ 1	5♉57	27♋44	5♋25	23°R 4	8♍20	25°R17	4♊19	23♊13	24♊ 1	11♐15	23♉ 9	S 1
M 2	16 43 12	11°51'13	14°17	5° 1	6°14	28°20	5°38	22♏59	8°21	25♏16	4°20	23°14	23°58	11°21	23°13	M 2
T 3	16 47 8	12°48'43	26°17	5°57	6°33	28°57	5°51	22°55	8°22	25°14	4°22	23°15	23°54	11°28	23°17	T 3
W 4	16 51 5	13°46'13	8♒26	6°50	6°54	29°33	6° 4	22°51	8°23	25°13	4°23	23°16	23°51	11°35	23°21	W 4
T 5	16 55 1	14°43'42	20°48	7°38	7°16	0♌ 9	6°17	22°47	8°24	25°11	4°24	23°16	23°48	11°41	23°25	T 5
F 6	16 58 58	15°41'09	3♓27	8°23	7°41	0°46	6°30	22°43	8°25	25°10	4°26	23°17	23°45	11°48	23°29	F 6
S 7	17 2 54	16°38'37	16°26	9° 3	8° 7	1°22	6°43	22°39	8°27	25° 8	4°27	23°R17	23°42	11°55	23°33	S 7
S 8	17 6 51	17°36'03	29°48	9°39	8°34	1°59	6°57	22°35	8°28	25° 7	4°28	23°17	23°39	12° 1	23°36	S 8
M 9	17 10 47	18°33'29	13♈36	10°11	9° 3	2°35	7°10	22°32	8°29	25° 5	4°30	23°17	23°35	12° 8	23°40	M 9
T 10	17 14 44	19°30'55	27°49	10°38	9°34	3°12	7°23	22°28	8°30	25° 4	4°31	23°16	23°32	12°14	23°44	T 10
W11	17 18 41	20°28'19	12♉26	11° 1	10° 6	3°48	7°36	22°24	8°32	25° 2	4°32	23°16	23°29	12°21	23°48	W11
T 12	17 22 37	21°25'44	27°21	11°20	10°39	4°25	7°50	22°20	8°33	25° 1	4°34	23°16	23°26	12°28	23°52	T 12
F 13	17 26 34	22°23'07	12♊28	11°34	11°13	5° 1	8° 3	22°17	8°35	24°59	4°35	23°16	23°23	12°34	23°56	F 13
S 14	17 30 30	23°20'31	27°38	11°43	11°49	5°38	8°17	22°13	8°36	24°58	4°36	23°16	23°20	12°41	23°59	S 14
S 15	17 34 27	24°17'53	12♋42	11°48	12°26	6°14	8°30	22°10	8°38	24°57	4°38	23°16	23°16	12°48	24° 3	S 15
M16	17 38 23	25°15'14	27°31	11°R48	13° 4	6°51	8°43	22° 6	8°39	24°55	4°39	23°15	23°13	12°54	24° 7	M16
T 17	17 42 20	26°12'35	11♌58	11°44	13°43	7°28	8°57	22° 3	8°41	24°54	4°40	23°15	23°10	13° 1	24°11	T 17
W18	17 46 17	27° 9'55	26° 0	11°36	14°24	8° 4	9°10	22° 0	8°43	24°53	4°41	23°15	23° 7	13° 8	24°14	W18
T 19	17 50 13	28° 7'14	9♍35	11°23	15° 5	8°41	9°24	21°57	8°44	24°51	4°43	23°14	23° 4	13°14	24°18	T 19
F 20	17 54 10	29° 4'32	22°44	11° 6	15°47	9°18	9°37	21°54	8°46	24°50	4°44	23°14	23° 0	13°21	24°21	F 20
S 21	17 58 6	0♎ 1'49	5♎31	10°45	16°31	9°54	9°51	21°50	8°48	24°49	4°45	23°D14	22°57	13°28	24°25	S 21
S 22	18 2 3	0°59'05	17°57	10°21	17°15	10°31	10° 4	21°47	8°50	24°48	4°46	23°15	22°54	13°34	24°29	S 22
M23	18 5 59	1°56'21	0♏ 8	9°54	18° 0	11° 8	10°18	21°45	8°52	24°46	4°48	23°15	22°51	13°41	24°32	M23
T 24	18 9 56	2°53'36	12° 7	9°24	18°46	11°44	10°32	21°42	8°54	24°45	4°49	23°16	22°48	13°48	24°36	T 24
W25	18 13 52	3°50'50	23°59	8°52	19°32	12°21	10°45	21°39	8°56	24°44	4°50	23°17	22°45	13°54	24°39	W25
T 26	18 17 49	4°48'04	5♐48	8°19	20°20	12°58	10°59	21°36	8°58	24°43	4°51	23°18	22°41	14° 1	24°42	T 26
F 27	18 21 46	5°45'17	17°35	7°44	21° 8	13°35	11°12	21°34	9° 0	24°42	4°52	23°R18	22°38	14° 8	24°46	F 27
S 28	18 25 42	6°42'30	29°25	7° 9	21°57	14°12	11°26	21°31	9° 2	24°40	4°54	23°18	22°35	14°14	24°49	S 28
S 29	18 29 39	7°39'43	11♑19	6°33	22°46	14°48	11°39	21°29	9° 5	24°39	4°55	23°18	22°32	14°21	24°53	S 29
M30	18 33 35	8♋36'56	23♑21	5♋59	23♉37	15♌25	11♋53	21♏26	9♍ 7	24♏38	4♊56	23♊16	22♊29	14♐27	24♉56	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 4	24s15	0s51	25n14	1n52	12n21	1s13	21n59	1n24	23n17	0s 2	16s13	2n23	9n 9	0n46	17s21	1n46	8n34	12s38	23n15	23n17	20s59	16n13	2s24
M 2	22 12	24 33	1 54	25 5	1 45	12 18	1 21	21 51	1 24	23 16	0 2	16 12	2 23	9 9	0 46	17 21	1 46	8 34	12 38	23 15	23 17	21 1	16 14	2 24
T 3	22 19	23 43	2 53	24 54	1 37	12 17	1 30	21 43	1 24	23 16	0 2	16 11	2 23	9 8	0 46	17 20	1 46	8 35	12 38	23 15	23 17	21 2	16 15	2 24
W 4	22 26	21 46	3 46	24 43	1 29	12 16	1 38	21 35	1 23	23 15	0 2	16 10	2 23	9 8	0 46	17 20	1 46	8 35	12 38	23 15	23 17	21 4	16 16	2 24
T 5	22 33	18 47	4 28	24 31	1 19	12 16	1 46	21 27	1 23	23 15	0 2	16 10	2 22	9 8	0 46	17 20	1 46	8 35	12 38	23 15	23 17	21 6	16 17	2 24
F 6	22 39	14 53	4 59	24 18	1 9	12 17	1 53	21 19	1 23	23 14	0 2	16 9	2 22	9 7	0 46	17 19	1 46	8 35	12 38	23 15	23 16	21 8	16 18	2 25
S 7	22 45	10 12	5 15	24 4	0 58	12 18	2 0	21 11	1 23	23 14	0 1	16 8	2 22	9 7	0 46	17 19	1 46	8 35	12 38	23 15	23 16	21 9	16 18	2 25
S 8	22 51	4 54	5 16	23 50	0 46	12 21	2 7	21 2	1 22	23 13	0 1	16 7	2 22	9 6	0 46	17 19	1 46	8 36	12 38	23 15	23 16	21 11	16 19	2 25
M 9	22 56	0n47	4 58	23 35	0 33	12 24	2 13	20 54	1 22	23 12	0 1	16 6	2 22	9 6	0 46	17 18	1 46	8 36	12 38	23 15	23 16	21 13	16 20	2 25
T 10	23 0	6 37	4 22	23 19	0 20	12 28	2 20	20 45	1 22	23 12	0 1	16 5	2 22	9 5	0 46	17 18	1 46	8 36	12 38	23 15	23 16	21 15	16 21	2 25
W11	23 5	12 15	3 28	23 4	0 6	12 32	2 25	20 36	1 21	23 11	0 1	16 5	2 21	9 5	0 46	17 18	1 46	8 36	12 38	23 15	23 16	21 16	16 22	2 25
T 12	23 9	17 18	2 19	22 48	0s 9	12 37	2 31	20 27	1 21	23 10	0 1	16 4	2 21	9 4	0 46	17 17	1 46	8 36	12 38	23 15	23 16	21 18	16 23	2 25
F 13	23 12	21 17	1 0	22 31	0 24	12 43	2 36	20 18	1 21	23 10	0 1	16 3	2 21	9 3	0 46	17 17	1 46	8 37	12 38	23 15	23 15	21 20	16 23	2 26
S 14	23 15	23 48	0n24	22 15	0 40	12 49	2 41	20 9	1 20	23 9	0 1	16 2	2 21	9 3	0 46	17 17	1 46	8 37	12 38	23 15	23 15	21 21	16 24	2 26
S 15	23 18	24 35	1 46	21 58	0 56	12 56	2 45	19 59	1 20	23 8	0 1	16 2	2 21	9 2	0 46	17 16	1 46	8 37	12 38	23 15	23 15	21 23	16 25	2 26
M16	23 20	23 34	2 59	21 42	1 12	13 3	2 50	19 50	1 20	23 8	0 1	16 1	2 21	9 2	0 46	17 16	1 46	8 37	12 38	23 15	23 15	21 25	16 26	2 26
T 17	23 22	21 1	3 59	21 26	1 29	13 11	2 54	19 40	1 19	23 7	0 0	16 0	2 20	9 1	0 46	17 16	1 46	8 37	12 38	23 15	23 15	21 27	16 26	2 26
W18	23 24	17 16	4 43	21 10	1 46	13 19	2 57	19 31	1 19	23 6	0 0	16 0	2 20	9 0	0 46	17 16	1 46	8 37	12 38	23 15	23 15	21 28	16 27	2 26
T 19	23 25	12 44	5 9	20 54	2 2	13 28	3 1	19 21	1 19	23 5	0 0	15 59	2 20	9 0	0 46	17 15	1 46	8 37	12 38	23 15	23 14	21 30	16 28	2 27
F 20	23 25	7 44	5 18	20 39	2 19	13 37	3 4	19 11	1 18	23 4	0 0	15 58	2 20	8 59	0 46	17 15	1 46	8 38	12 38	23 15	23 14	21 32	16 29	2 27
S 21	23 25	2 34	5 10	20 24	2 36	13 46	3 7	19 0	1 18	23 3	0 0	15 58	2 20	8 58	0 46	17 15	1 46	8 38	12 38	23 15	23 14	21 33	16 29	2 27
S 22	23 25	2s35	4 49	20 10	2 52	13 56	3 10	18 50	1 18	23 2	0n 0	15 57	2 19	8 57	0 46	17 14	1 46	8 38	12 38	23 15	23 14	21 35	16 30	2 27
M23	23 24	7 32	4 14	19 56	3 7	14 6	3 13	18 40	1 17	23 1	0 0	15 57	2 19	8 57	0 45	17 14	1 46	8 38	12 39	23 15	23 14	21 37	16 31	2 27
T 24	23 23	12 8	3 29	19 44	3 22	14 16	3 15	18 29	1 17	23 1	0 0	15 56	2 19	8 56	0 45	17 14	1 46	8 38	12 39	23 15	23 14	21 38	16 31	2 27
W25	23 22	16 14	2 36	19 32	3 36	14 26	3 17	18 19	1 17	23 0	0 0	15 56	2 19	8 55	0 45	17 14	1 46	8 38	12 39	23 15	23 13	21 40	16 32	2 28
T 26	23 20	19 41	1 36	19 21	3 49	14 37	3 19	18 8	1 16	22 59	0 0	15 55	2 19	8 54	0 45	17 13	1 46	8 38	12 39	23 15	23 13	21 42	16 33	2 28
F 27	23 18	22 19	0 32	19 11	4 1	14 48	3 21	17 57	1 16	22 57	0 0	15 55	2 18	8 53	0 45	17 13	1 46	8 38	12 39	23 15	23 13	21 43	16 33	2 28
S 28	23 15	23 59	0s34	19 2	4 12	14 59	3 22	17 46	1 16	22 56	0 1	15 54	2 18	8 53	0 45	17 13	1 46	8 39	12 39	23 15	23 13	21 45	16 34	2 28
S 29	23 12	24 34	1 38	18 55	4 21	15 10	3 23	17 35	1 15	22 55	0 1	15 54	2 18	8 52	0 45	17 13	1 46	8 39	12 39	23 15	23 13	21 47	16 34	2 28
M30	23n 9	24s 1	2s39	18n48	4s29	15n22	3s24	17n24	1n15	22n54	0n 1	15s54	2n18	8n51	0n45	17s13	1n45	8n39	12s39	23n15	23n13	21s48	16n35	2s28

Julian Day Number = 2499908.5, Delta T = 110.39 sec
Ecliptic obliquity = 23°25'20, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°35'26, Lahiri = 25°42'26

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ASTRODIENST EPHEMERIS for the year 2132
geocentric

JULY 2132 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 32	9♋34'08	5♒30	5°R26	24♉28	16♌ 2	12♋ 7	21°R24	9♍ 9	24°R37	4♊57	23°R14	22♊26	14♐34	24♉59	T 1
W 2	18 41 28	10°31'20	17°51	4♋54	25°19	16°39	12°20	21♏22	9°11	24♏36	4°58	23♊12	22°22	14°41	25° 2	W 2
T 3	18 45 25	11°28'32	0♓23	4°25	26°12	17°16	12°34	21°20	9°14	24°35	4°59	23° 9	22°19	14°47	25° 5	T 3
F 4	18 49 21	12°25'45	13°10	3°59	27° 5	17°53	12°47	21°18	9°16	24°34	5° 1	23° 7	22°16	14°54	25° 9	F 4
S 5	18 53 18	13°22'57	26°14	3°37	27°58	18°30	13° 1	21°16	9°19	24°33	5° 2	23° 5	22°13	15° 1	25°12	S 5
S 6	18 57 15	14°20'10	9♈35	3°18	28°52	19° 7	13°15	21°14	9°21	24°32	5° 3	23°D 4	22°10	15° 7	25°15	S 6
M 7	19 1 11	15°17'23	23°16	3° 3	29°46	19°44	13°28	21°12	9°24	24°32	5° 4	23° 5	22° 6	15°14	25°18	M 7
T 8	19 5 8	16°14'36	7♉18	2°53	0♊41	20°21	13°42	21°11	9°26	24°31	5° 5	23° 5	22° 3	15°21	25°21	T 8
W 9	19 9 4	17°11'49	21°38	2°47	1°37	20°58	13°55	21° 9	9°29	24°30	5° 6	23° 7	22° 0	15°27	25°24	W 9
T 10	19 13 1	18° 9'03	6♊17	2°D46	2°33	21°35	14° 9	21° 8	9°31	24°29	5° 7	23° 8	21°57	15°34	25°27	T 10
F 11	19 16 57	19° 6'18	21° 8	2°51	3°29	22°12	14°23	21° 6	9°34	24°28	5° 8	23°R 9	21°54	15°41	25°29	F 11
S 12	19 20 54	20° 3'32	6♋ 5	3° 0	4°26	22°49	14°36	21° 5	9°37	24°27	5° 9	23° 8	21°51	15°47	25°32	S 12
S 13	19 24 50	21° 0'47	21° 1	3°15	5°23	23°26	14°50	21° 4	9°40	24°27	5°10	23° 6	21°47	15°54	25°35	S 13
M14	19 28 47	21°58'02	5♌47	3°35	6°21	24° 3	15° 3	21° 3	9°42	24°26	5°11	23° 3	21°44	16° 1	25°38	M14
T 15	19 32 44	22°55'17	20°16	4° 0	7°19	24°41	15°17	21° 2	9°45	24°25	5°12	22°59	21°41	16° 7	25°41	T 15
W16	19 36 40	23°52'33	4♍23	4°30	8°18	25°18	15°30	21° 1	9°48	24°25	5°13	22°55	21°38	16°14	25°43	W16
T 17	19 40 37	24°49'48	18° 3	5° 6	9°16	25°55	15°44	21° 0	9°51	24°24	5°14	22°51	21°35	16°20	25°46	T 17
F 18	19 44 33	25°47'03	1♎18	5°47	10°16	26°32	15°57	20°59	9°54	24°24	5°15	22°47	21°32	16°27	25°48	F 18
S 19	19 48 30	26°44'19	14° 7	6°33	11°15	27° 9	16°11	20°59	9°57	24°23	5°16	22°45	21°28	16°34	25°51	S 19
S 20	19 52 26	27°41'34	26°34	7°25	12°15	27°47	16°24	20°58	10° 0	24°22	5°17	22°D44	21°25	16°40	25°53	S 20
M21	19 56 23	28°38'50	8♏44	8°21	13°15	28°24	16°38	20°58	10° 3	24°22	5°18	22°45	21°22	16°47	25°56	M21
T 22	20 0 19	29°36'06	20°42	9°23	14°16	29° 1	16°51	20°57	10° 6	24°21	5°19	22°46	21°19	16°54	25°58	T 22
W23	20 4 16	0♌33'22	2♐32	10°29	15°17	29°39	17° 4	20°57	10° 9	24°21	5°19	22°48	21°16	17° 0	26° 0	W23
T 24	20 8 13	1°30'39	14°20	11°41	16°18	0♍16	17°18	20°57	10°12	24°21	5°20	22°49	21°12	17° 7	26° 3	T 24
F 25	20 12 9	2°27'55	26° 9	12°57	17°19	0°53	17°31	20°D57	10°15	24°20	5°21	22°R49	21° 9	17°14	26° 5	F 25
S 26	20 16 6	3°25'13	8♑ 3	14°18	18°21	1°31	17°44	20°57	10°19	24°20	5°22	22°48	21° 6	17°20	26° 7	S 26
S 27	20 20 2	4°22'31	20° 5	15°43	19°23	2° 8	17°58	20°57	10°22	24°20	5°23	22°45	21° 3	17°27	26° 9	S 27
M28	20 23 59	5°19'49	2♒18	17°13	20°26	2°46	18°11	20°57	10°25	24°19	5°23	22°40	21° 0	17°34	26°11	M28
T 29	20 27 55	6°17'08	14°43	18°47	21°28	3°23	18°24	20°58	10°28	24°19	5°24	22°33	20°57	17°40	26°13	T 29
W30	20 31 52	7°14'28	27°20	20°25	22°31	4° 1	18°37	20°58	10°32	24°19	5°25	22°26	20°53	17°47	26°15	W30
T 31	20 35 48	8♌11'48	10♓11	22♋ 7	23♊34	4♍38	18♋51	20♏59	10♍35	24♏19	5♊26	22♊18	20♊50	17♐53	26♉17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 5	22s19	3s33	18n43	4s36	15n33	3s25	17n12	1n15	22n53	0n 1	15s53	2n18	8n50	0n45	17s12	1n45	8n39	12s39	23n15	23n12	21s50	16n36	2s29
W 2	23 0	19 33	4 18	18 40	4 40	15 45	3 26	17 1	1 14	22 52	0 1	15 53	2 17	8 49	0 45	17 12	1 45	8 39	12 39	23 15	23 12	21 51	16 36	2 29
T 3	22 56	15 52	4 51	18 37	4 44	15 56	3 27	16 49	1 14	22 51	0 1	15 52	2 17	8 48	0 45	17 12	1 45	8 39	12 40	23 15	23 12	21 53	16 37	2 29
F 4	22 50	11 23	5 11	18 36	4 46	16 8	3 27	16 38	1 14	22 50	0 1	15 52	2 17	8 47	0 45	17 12	1 45	8 39	12 40	23 15	23 12	21 55	16 37	2 29
S 5	22 45	6 19	5 15	18 36	4 46	16 20	3 27	16 26	1 13	22 48	0 1	15 52	2 17	8 46	0 45	17 12	1 45	8 39	12 40	23 15	23 12	21 56	16 38	2 29
S 6	22 39	0 51	5 3	18 38	4 45	16 31	3 27	16 14	1 13	22 47	0 1	15 52	2 16	8 45	0 45	17 11	1 45	8 39	12 40	23 14	23 11	21 58	16 38	2 30
M 7	22 33	4n48	4 33	18 41	4 42	16 43	3 27	16 2	1 13	22 46	0 1	15 51	2 16	8 44	0 45	17 11	1 45	8 39	12 40	23 14	23 11	21 59	16 39	2 30
T 8	22 26	10 22	3 46	18 45	4 38	16 54	3 27	15 50	1 12	22 45	0 2	15 51	2 16	8 43	0 45	17 11	1 45	8 39	12 40	23 15	23 11	22 1	16 39	2 30
W 9	22 19	15 30	2 45	18 51	4 33	17 6	3 26	15 38	1 12	22 43	0 2	15 51	2 16	8 42	0 45	17 11	1 45	8 39	12 40	23 15	23 11	22 3	16 40	2 30
T 10	22 12	19 50	1 32	18 57	4 27	17 17	3 26	15 26	1 12	22 42	0 2	15 51	2 15	8 41	0 45	17 11	1 45	8 39	12 41	23 15	23 11	22 4	16 40	2 30
F 11	22 4	22 56	0 11	19 5	4 19	17 29	3 25	15 13	1 11	22 41	0 2	15 51	2 15	8 40	0 45	17 11	1 45	8 39	12 41	23 15	23 10	22 6	16 41	2 31
S 12	21 55	24 27	1n11	19 13	4 10	17 40	3 24	15 1	1 11	22 39	0 2	15 51	2 15	8 39	0 45	17 11	1 45	8 39	12 41	23 15	23 10	22 7	16 41	2 31
S 13	21 47	24 12	2 27	19 22	4 1	17 51	3 23	14 48	1 10	22 38	0 2	15 51	2 15	8 38	0 45	17 10	1 45	8 39	12 41	23 15	23 10	22 9	16 42	2 31
M14	21 38	22 15	3 33	19 32	3 50	18 2	3 22	14 36	1 10	22 36	0 2	15 51	2 14	8 37	0 45	17 10	1 45	8 39	12 41	23 14	23 10	22 11	16 42	2 31
T 15	21 29	18 53	4 24	19 43	3 39	18 13	3 21	14 23	1 10	22 35	0 2	15 51	2 14	8 36	0 45	17 10	1 45	8 39	12 41	23 14	23 10	22 12	16 43	2 31
W16	21 19	14 30	4 57	19 53	3 27	18 23	3 19	14 10	1 9	22 34	0 2	15 51	2 14	8 35	0 45	17 10	1 45	8 39	12 41	23 14	23 9	22 14	16 43	2 32
T 17	21 9	9 30	5 12	20 5	3 15	18 34	3 18	13 57	1 9	22 32	0 2	15 51	2 14	8 34	0 45	17 10	1 45	8 39	12 42	23 14	23 9	22 15	16 44	2 32
F 18	20 58	4 13	5 9	20 16	3 2	18 44	3 16	13 44	1 9	22 31	0 2	15 51	2 13	8 32	0 45	17 10	1 45	8 39	12 42	23 14	23 9	22 17	16 44	2 32
S 19	20 48	1s 5	4 51	20 27	2 49	18 54	3 15	13 31	1 8	22 29	0 3	15 51	2 13	8 31	0 45	17 10	1 45	8 39	12 42	23 13	23 9	22 18	16 44	2 32
S 20	20 36	6 12	4 20	20 38	2 35	19 4	3 13	13 18	1 8	22 28	0 3	15 51	2 13	8 30	0 45	17 10	1 44	8 39	12 42	23 13	23 9	22 20	16 45	2 33
M21	20 25	10 58	3 38	20 49	2 21	19 13	3 11	13 5	1 8	22 26	0 3	15 51	2 13	8 29	0 45	17 10	1 44	8 39	12 42	23 13	23 8	22 21	16 45	2 33
T 22	20 13	15 14	2 46	20 59	2 7	19 22	3 9	12 51	1 7	22 24	0 3	15 51	2 12	8 28	0 45	17 10	1 44	8 39	12 42	23 13	23 8	22 23	16 45	2 33
W23	20 1	18 53	1 48	21 8	1 53	19 31	3 7	12 38	1 7	22 23	0 3	15 51	2 12	8 27	0 45	17 10	1 44	8 39	12 43	23 14	23 8	22 24	16 46	2 33
T 24	19 49	21 44	0 46	21 17	1 38	19 40	3 4	12 24	1 6	22 21	0 3	15 52	2 12	8 25	0 45	17 10	1 44	8 39	12 43	23 14	23 8	22 26	16 46	2 33
F 25	19 36	23 40	0s18	21 24	1 24	19 48	3 2	12 11	1 6	22 20	0 3	15 52	2 12	8 24	0 44	17 9	1 44	8 39	12 43	23 14	23 8	22 27	16 46	2 34
S 26	19 23	24 32	1 22	21 30	1 10	19 56	3 0	11 57	1 6	22 18	0 3	15 52	2 11	8 23	0 44	17 9	1 44	8 39	12 43	23 14	23 7	22 29	16 46	2 34
S 27	19 9	24 16	2 23	21 35	0 56	20 3	2 57	11 43	1 5	22 16	0 3	15 52	2 11	8 22	0 44	17 9	1 44	8 39	12 43	23 13	23 7	22 30	16 47	2 34
M28	18 55	22 50	3 18	21 38	0 42	20 10	2 55	11 30	1 5	22 15	0 3	15 53	2 11	8 21	0 44	17 9	1 44	8 39	12 44	23 13	23 7	22 32	16 47	2 34
T 29	18 41	20 18	4 4	21 39	0 28	20 17	2 52	11 16	1 5	22 13	0 4	15 53	2 11	8 19	0 44	17 9	1 44	8 39	12 44	23 13	23 7	22 33	16 47	2 35
W30	18 27	16 45	4 39	21 38	0 15	20 24	2 49	11 2	1 4	22 11	0 4	15 53	2 10	8 18	0 44	17 9	1 44	8 39	12 44	23 12	23 7	22 35	16 47	2 35
T 31	18n12	12s23	5s 1	21n34	0s 2	20n30	2s46	10n48	1n 4	22n10	0n 4	15s54	2n10	8n17	0n44	17s 9	1n44	8n39	12s44	23n12	23n 6	22s36	16n48	2s35

Julian Day Number = 2499938.5, Delta T = 110.44 sec
Ecliptic obliquity = 23°25'20, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°35'30, Lahiri = 25°42'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2132
geocentric

AUGUST 2132 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 39 45	9♌ 9'09	23♓14	23♋53	24♊37	5♍16	19♋ 4	20♏59	10♍38	24°R18	5♊26	22°R11	20♊47	18♐ 0	26♉19	F 1
S 2	20 43 42	10° 6'32	6♈30	25°41	25°41	5°53	19°17	21° 0	10°42	24♏18	5°27	22♊ 5	20°44	18° 7	26°21	S 2
S 3	20 47 38	11° 3'55	19°59	27°33	26°45	6°31	19°30	21° 1	10°45	24°18	5°28	22° 1	20°41	18°13	26°22	S 3
M 4	20 51 35	12° 1'20	3♉41	29°28	27°49	7° 8	19°43	21° 2	10°48	24°18	5°28	21°59	20°38	18°20	26°24	M 4
T 5	20 55 31	12°58'45	17°37	1♌25	28°53	7°46	19°56	21° 3	10°52	24°D18	5°29	21°D59	20°34	18°27	26°26	T 5
W 6	20 59 28	13°56'12	1♊45	3°24	29°58	8°24	20° 9	21° 4	10°55	24°18	5°30	22° 0	20°31	18°33	26°27	W 6
T 7	21 3 24	14°53'41	16° 5	5°25	1♋ 3	9° 1	20°22	21° 5	10°59	24°18	5°30	22°R 0	20°28	18°40	26°29	T 7
F 8	21 7 21	15°51'10	0♋34	7°27	2° 8	9°39	20°35	21° 7	11° 2	24°18	5°31	22° 0	20°25	18°47	26°30	F 8
S 9	21 11 17	16°48'41	15° 9	9°30	3°13	10°17	20°48	21° 8	11° 6	24°18	5°31	21°58	20°22	18°53	26°32	S 9
S 10	21 15 14	17°46'13	29°45	11°34	4°18	10°55	21° 0	21°10	11° 9	24°18	5°32	21°54	20°18	19° 0	26°33	S 10
M11	21 19 11	18°43'46	14♌15	13°38	5°24	11°32	21°13	21°11	11°13	24°19	5°32	21°47	20°15	19° 7	26°34	M11
T 12	21 23 7	19°41'20	28°33	15°42	6°30	12°10	21°26	21°13	11°16	24°19	5°33	21°39	20°12	19°13	26°36	T 12
W13	21 27 4	20°38'55	12♍33	17°45	7°36	12°48	21°39	21°15	11°20	24°19	5°33	21°29	20° 9	19°20	26°37	W13
T 14	21 31 0	21°36'32	26°11	19°49	8°42	13°26	21°51	21°17	11°23	24°19	5°34	21°20	20° 6	19°26	26°38	T 14
F 15	21 34 57	22°34'09	9♎25	21°51	9°48	14° 4	22° 4	21°19	11°27	24°20	5°34	21°11	20° 3	19°33	26°39	F 15
S 16	21 38 53	23°31'47	22°14	23°53	10°54	14°42	22°16	21°21	11°31	24°20	5°35	21° 5	19°59	19°40	26°40	S 16
S 17	21 42 50	24°29'26	4♏43	25°54	12° 1	15°20	22°29	21°23	11°34	24°20	5°35	21° 1	19°56	19°46	26°41	S 17
M18	21 46 46	25°27'06	16°53	27°54	13° 8	15°58	22°41	21°25	11°38	24°21	5°35	20°59	19°53	19°53	26°42	M18
T 19	21 50 43	26°24'47	28°51	29°53	14°15	16°36	22°54	21°27	11°42	24°21	5°36	20°D59	19°50	20° 0	26°43	T 19
W20	21 54 40	27°22'29	10♐42	1♍50	15°22	17°14	23° 6	21°30	11°45	24°22	5°36	20°59	19°47	20° 6	26°43	W20
T 21	21 58 36	28°20'12	22°30	3°47	16°29	17°52	23°18	21°32	11°49	24°22	5°36	20°R59	19°43	20°13	26°44	T 21
F 22	22 2 33	29°17'57	4♑21	5°41	17°37	18°30	23°30	21°35	11°53	24°23	5°37	20°59	19°40	20°20	26°45	F 22
S 23	22 6 29	0♍15'42	16°20	7°35	18°44	19° 8	23°42	21°38	11°56	24°23	5°37	20°56	19°37	20°26	26°45	S 23
S 24	22 10 26	1°13'29	28°30	9°27	19°52	19°46	23°54	21°41	12° 0	24°24	5°37	20°50	19°34	20°33	26°46	S 24
M25	22 14 22	2°11'17	10♒54	11°18	21° 0	20°24	24° 6	21°44	12° 4	24°24	5°37	20°43	19°31	20°40	26°46	M25
T 26	22 18 19	3° 9'06	23°35	13° 8	22° 8	21° 2	24°18	21°46	12° 8	24°25	5°38	20°32	19°28	20°46	26°47	T 26
W27	22 22 15	4° 6'56	6♓32	14°56	23°16	21°41	24°30	21°50	12°11	24°26	5°38	20°21	19°24	20°53	26°47	W27
T 28	22 26 12	5° 4'48	19°44	16°42	24°25	22°19	24°42	21°53	12°15	24°26	5°38	20° 9	19°21	21° 0	26°47	T 28
F 29	22 30 9	6° 2'42	3♈10	18°28	25°33	22°57	24°54	21°56	12°19	24°27	5°38	19°58	19°18	21° 6	26°47	F 29
S 30	22 34 5	7° 0'37	16°48	20°12	26°42	23°35	25° 5	21°59	12°23	24°28	5°38	19°48	19°15	21°13	26°47	S 30
S 31	22 38 2	7♍58'34	0♉35	21♍55	27♋51	24♍14	25♋17	22♏ 3	12♍26	24♏29	5♊38	19♊41	19♊12	21♐19	26♉48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17n57	7s24	5s 8	21n29	0n10	20n36	2s43	10n34	1n 3	22n 8	0n 4	15s54	2n10	8n15	0n44	17s 9	1n44	8n39	12s44	23n12	23n 6	22s38	16n48	2s35	F 1
S 2	17 42	1 59	4 58	21 21	0 22	20 41	2 40	10 19	1 3	22 6	0 4	15 55	2 10	8 14	0 44	17 9	1 44	8 38	12 45	23 11	23 6	22 39	16 48	2 36	S 2
S 3	17 26	3n36	4 32	21 10	0 33	20 46	2 37	10 5	1 3	22 4	0 4	15 55	2 9	8 13	0 44	17 10	1 44	8 38	12 45	23 11	23 6	22 41	16 48	2 36	S 3
M 4	17 11	9 7	3 50	20 57	0 43	20 50	2 34	9 51	1 2	22 3	0 4	15 56	2 9	8 12	0 44	17 10	1 44	8 38	12 45	23 11	23 5	22 42	16 48	2 36	M 4
T 5	16 54	14 17	2 54	20 41	0 53	20 54	2 31	9 36	1 2	22 1	0 4	15 56	2 9	8 10	0 44	17 10	1 44	8 38	12 45	23 11	23 5	22 44	16 48	2 36	T 5
W 6	16 38	18 45	1 47	20 23	1 2	20 57	2 28	9 22	1 1	21 59	0 4	15 57	2 9	8 9	0 44	17 10	1 43	8 38	12 45	23 11	23 5	22 45	16 49	2 36	W 6
T 7	16 21	22 10	0 32	20 2	1 10	21 1	2 25	9 7	1 1	21 57	0 4	15 57	2 8	8 8	0 44	17 10	1 43	8 38	12 46	23 11	23 5	22 47	16 49	2 37	T 7
F 8	16 4	24 11	0n46	19 38	1 17	21 3	2 21	8 53	1 1	21 55	0 5	15 58	2 8	8 6	0 44	17 10	1 43	8 38	12 46	23 11	23 5	22 48	16 49	2 37	F 8
S 9	15 47	24 34	2 1	19 12	1 24	21 5	2 18	8 38	1 0	21 54	0 5	15 58	2 8	8 5	0 44	17 10	1 43	8 38	12 46	23 11	23 4	22 50	16 49	2 37	S 9
S 10	15 30	23 15	3 8	18 44	1 29	21 7	2 14	8 24	1 0	21 52	0 5	15 59	2 8	8 4	0 44	17 10	1 43	8 38	12 46	23 10	23 4	22 51	16 49	2 37	S 10
M11	15 12	20 24	4 2	18 13	1 34	21 8	2 11	8 9	0 59	21 50	0 5	16 0	2 7	8 2	0 44	17 10	1 43	8 37	12 47	23 10	23 4	22 52	16 49	2 38	M11
T 12	14 54	16 21	4 41	17 41	1 38	21 9	2 7	7 54	0 59	21 48	0 5	16 0	2 7	8 1	0 44	17 10	1 43	8 37	12 47	23 10	23 4	22 54	16 49	2 38	T 12
W13	14 36	11 29	5 1	17 6	1 41	21 9	2 4	7 39	0 59	21 46	0 5	16 1	2 7	7 59	0 44	17 10	1 43	8 37	12 47	23 9	23 3	22 55	16 49	2 38	W13
T 14	14 18	6 10	5 4	16 30	1 43	21 8	2 0	7 24	0 58	21 44	0 5	16 2	2 6	7 58	0 44	17 10	1 43	8 37	12 47	23 8	23 3	22 57	16 49	2 38	T 14
F 15	13 59	0 43	4 50	15 52	1 45	21 7	1 57	7 9	0 58	21 42	0 5	16 3	2 6	7 57	0 44	17 11	1 43	8 37	12 47	23 8	23 3	22 58	16 49	2 39	F 15
S 16	13 40	4s36	4 21	15 12	1 46	21 6	1 53	6 54	0 57	21 40	0 5	16 3	2 6	7 55	0 44	17 11	1 43	8 37	12 48	23 7	23 3	22 59	16 49	2 39	S 16
S 17	13 21	9 37	3 41	14 32	1 46	21 4	1 49	6 39	0 57	21 38	0 5	16 4	2 6	7 54	0 44	17 11	1 43	8 37	12 48	23 7	23 2	23 1	16 49	2 39	S 17
M18	13 2	14 8	2 52	13 50	1 45	21 1	1 46	6 24	0 57	21 36	0 6	16 5	2 5	7 53	0 44	17 11	1 43	8 36	12 48	23 7	23 2	23 2	16 49	2 39	M18
T 19	12 42	18 1	1 55	13 8	1 44	20 58	1 42	6 9	0 56	21 34	0 6	16 6	2 5	7 51	0 44	17 11	1 43	8 36	12 48	23 7	23 2	23 4	16 49	2 40	T 19
W20	12 23	21 8	0 55	12 24	1 42	20 55	1 38	5 54	0 56	21 33	0 6	16 7	2 5	7 50	0 44	17 11	1 43	8 36	12 49	23 7	23 2	23 5	16 49	2 40	W20
T 21	12 3	23 21	0s 8	11 40	1 40	20 51	1 34	5 39	0 55	21 31	0 6	16 8	2 5	7 48	0 44	17 11	1 43	8 36	12 49	23 7	23 2	23 6	16 49	2 40	T 21
F 22	11 43	24 32	1 11	10 55	1 37	20 46	1 30	5 23	0 55	21 29	0 6	16 9	2 4	7 47	0 44	17 12	1 43	8 36	12 49	23 7	23 1	23 8	16 49	2 41	F 22
S 23	11 22	24 35	2 11	10 10	1 33	20 41	1 27	5 8	0 55	21 27	0 6	16 9	2 4	7 45	0 44	17 12	1 42	8 35	12 49	23 7	23 1	23 9	16 49	2 41	S 23
S 24	11 2	23 28	3 5	9 24	1 30	20 35	1 23	4 53	0 54	21 25	0 6	16 10	2 4	7 44	0 44	17 12	1 42	8 35	12 50	23 6	23 1	23 10	16 48	2 41	S 24
M25	10 41	21 13	3 53	8 38	1 25	20 29	1 19	4 37	0 54	21 23	0 6	16 11	2 4	7 43	0 44	17 12	1 42	8 35	12 50	23 6	23 1	23 12	16 48	2 41	M25
T 26	10 21	17 53	4 29	7 52	1 21	20 22	1 15	4 22	0 53	21 21	0 6	16 12	2 4	7 41	0 44	17 12	1 42	8 35	12 50	23 5	23 0	23 13	16 48	2 42	T 26
W27	10 0	13 38	4 53	7 6	1 16	20 15	1 11	4 6	0 53	21 19	0 7	16 13	2 3	7 40	0 44	17 13	1 42	8 35	12 50	23 4	23 0	23 15	16 48	2 42	W27
T 28	9 39	8 41	5 1	6 19	1 10	20 7	1 7	3 51	0 52	21 17	0 7	16 14	2 3	7 38	0 44	17 13	1 42	8 35	12 50	23 3	23 0	23 16	16 48	2 42	T 28
F 29	9 17	3 14	4 53	5 33	1 5	19 58	1 4	3 35	0 52	21 15	0 7	16 16	2 3	7 37	0 44	17 13	1 42	8 34	12 51	23 3	23 0	23 17	16 48	2 42	F 29
S 30	8 56	2n27	4 29	4 47	0 59	19 49	1 0	3 20	0 52	21 13	0 7	16 17	2 3	7 35	0 44	17 13	1 42	8 34	12 51	23 2	22 59	23 18	16 47	2 43	S 30
S 31	8n34	8n 6	3s49	4n 0	0n52	19n40	0s56	3n 4	0n51	21n11	0n 7	16s18	2n 2	7n34	0n44	17s14	1n42	8n34	12s51	23n 1	22n59	23s20	16n47	2s43	S 31

Julian Day Number = 2499969.5, Delta T = 110.49 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°35'34, Lahiri = 25°42'35

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ASTRODIENST EPHEMERIS for the year 2132
geocentric

SEPTEMBER 2132 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 41 58	8♍56'33	14♉29	23♍36	29♋ 0	24♍52	25♋29	22♏ 6	12♍30	24♏30	5♊38	19°R37	19♊ 9	21♐26	26°R48	M 1
T 2	22 45 55	9°54'34	28°28	25°17	0♌ 9	25°31	25°40	22°10	12°34	24°30	5°38	19♊35	19° 5	21°33	26♉48	T 2
W 3	22 49 51	10°52'36	12♊32	26°56	1°18	26° 9	25°51	22°13	12°38	24°31	5°38	19°35	19° 2	21°39	26°47	W 3
T 4	22 53 48	11°50'41	26°40	28°33	2°27	26°47	26° 3	22°17	12°41	24°32	5°39	19°35	18°59	21°46	26°47	T 4
F 5	22 57 44	12°48'48	10♋52	0♎10	3°37	27°26	26°14	22°21	12°45	24°33	5°R39	19°34	18°56	21°53	26°47	F 5
S 6	23 1 41	13°46'57	25° 4	1°45	4°46	28° 4	26°25	22°25	12°49	24°34	5°39	19°31	18°53	21°59	26°47	S 6
S 7	23 5 38	14°45'07	9♌15	3°19	5°56	28°43	26°36	22°29	12°53	24°35	5°38	19°25	18°49	22° 6	26°46	S 7
M 8	23 9 34	15°43'19	23°21	4°52	7° 6	29°22	26°47	22°33	12°56	24°36	5°38	19°16	18°46	22°13	26°46	M 8
T 9	23 13 31	16°41'33	7♍17	6°24	8°16	0♎ 0	26°58	22°37	13° 0	24°37	5°38	19° 4	18°43	22°19	26°45	T 9
W10	23 17 27	17°39'49	20°59	7°54	9°26	0°39	27° 9	22°41	13° 4	24°38	5°38	18°52	18°40	22°26	26°45	W10
T 11	23 21 24	18°38'07	4♎23	9°23	10°36	1°18	27°19	22°45	13° 8	24°40	5°38	18°40	18°37	22°33	26°44	T 11
F 12	23 25 20	19°36'26	17°28	10°51	11°46	1°56	27°30	22°50	13°11	24°41	5°38	18°28	18°34	22°39	26°44	F 12
S 13	23 29 17	20°34'47	0♏13	12°18	12°57	2°35	27°40	22°54	13°15	24°42	5°38	18°19	18°30	22°46	26°43	S 13
S 14	23 33 13	21°33'10	12°38	13°44	14° 7	3°14	27°51	22°59	13°19	24°43	5°38	18°13	18°27	22°52	26°42	S 14
M15	23 37 10	22°31'34	24°48	15° 8	15°18	3°53	28° 1	23° 3	13°23	24°44	5°37	18° 9	18°24	22°59	26°41	M15
T 16	23 41 7	23°30'00	6♐45	16°31	16°28	4°31	28°11	23° 8	13°26	24°46	5°37	18° 7	18°21	23° 6	26°40	T 16
W17	23 45 3	24°28'27	18°35	17°52	17°39	5°10	28°22	23°13	13°30	24°47	5°37	18° 7	18°18	23°12	26°39	W17
T 18	23 49 0	25°26'57	0♑23	19°13	18°50	5°49	28°32	23°17	13°34	24°48	5°37	18° 7	18°15	23°19	26°38	T 18
F 19	23 52 56	26°25'27	12°15	20°32	20° 1	6°28	28°42	23°22	13°38	24°50	5°36	18° 6	18°11	23°26	26°37	F 19
S 20	23 56 53	27°24'00	24°16	21°49	21°12	7° 7	28°51	23°27	13°41	24°51	5°36	18° 4	18° 8	23°32	26°36	S 20
S 21	0 0 49	28°22'34	6♒31	23° 5	22°24	7°46	29° 1	23°32	13°45	24°52	5°36	17°59	18° 5	23°39	26°35	S 21
M22	0 4 46	29°21'10	19° 3	24°19	23°35	8°25	29°11	23°37	13°49	24°54	5°35	17°51	18° 2	23°46	26°34	M22
T 23	0 8 42	0♎19'47	1♓55	25°32	24°46	9° 4	29°20	23°42	13°52	24°55	5°35	17°41	17°59	23°52	26°32	T 23
W24	0 12 39	1°18'26	15° 9	26°43	25°58	9°43	29°30	23°48	13°56	24°57	5°35	17°29	17°55	23°59	26°31	W24
T 25	0 16 35	2°17'07	28°42	27°52	27° 9	10°22	29°39	23°53	14° 0	24°58	5°34	17°17	17°52	24° 6	26°30	T 25
F 26	0 20 32	3°15'50	12♈32	28°59	28°21	11° 2	29°48	23°58	14° 3	25° 0	5°34	17° 6	17°49	24°12	26°28	F 26
S 27	0 24 29	4°14'35	26°36	0♏ 5	29°33	11°41	29°57	24° 4	14° 7	25° 1	5°33	16°57	17°46	24°19	26°27	S 27
S 28	0 28 25	5°13'22	10♉48	1° 7	0♍45	12°20	0♌ 6	24° 9	14°10	25° 3	5°33	16°50	17°43	24°25	26°25	S 28
M29	0 32 22	6°12'11	25° 3	2° 8	1°57	12°59	0°15	24°14	14°14	25° 5	5°32	16°46	17°40	24°32	26°23	M29
T 30	0 36 18	7♎11'03	9♊19	3♏ 6	3♍ 9	13♎39	0♌24	24♏20	14♍18	25♏ 6	5♊32	16♊44	17♊36	24♐39	26♉22	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n13	13n24	2s54	3n14	0n46	19n30	0s52	2n49	0n51	21n 9	0n 7	16s19	2n 2	7n33	0n44	17s14	1n42	8n34	12s51	23n 1	22n59	23s21	16n47	2s43
T 2	7 51	18 2	1 49	2 29	0 39	19 19	0 48	2 33	0 50	21 7	0 7	16 20	2 2	7 31	0 44	17 14	1 42	8 33	12 52	23 1	22 58	23 22	16 47	2 43
W 3	7 29	21 40	0 37	1 43	0 32	19 8	0 45	2 18	0 50	21 5	0 7	16 21	2 2	7 30	0 44	17 14	1 42	8 33	12 52	23 1	22 58	23 24	16 46	2 44
T 4	7 7	24 0	0n37	0 58	0 25	18 56	0 41	2 2	0 49	21 3	0 7	16 22	2 1	7 28	0 44	17 15	1 42	8 33	12 52	23 1	22 58	23 25	16 46	2 44
F 5	6 45	24 48	1 50	0 13	0 18	18 44	0 37	1 46	0 49	21 1	0 8	16 23	2 1	7 27	0 44	17 15	1 42	8 33	12 52	23 1	22 58	23 26	16 46	2 44
S 6	6 22	23 59	2 56	0s32	0 10	18 31	0 33	1 30	0 49	20 59	0 8	16 25	2 1	7 25	0 44	17 15	1 42	8 32	12 53	23 1	22 57	23 28	16 45	2 44
S 7	6 0	21 38	3 50	1 16	0 3	18 18	0 29	1 15	0 48	20 57	0 8	16 26	2 1	7 24	0 44	17 16	1 42	8 32	12 53	23 0	22 57	23 29	16 45	2 45
M 8	5 38	17 59	4 31	2 0	0s 5	18 4	0 26	0 59	0 48	20 55	0 8	16 27	2 1	7 22	0 44	17 16	1 42	8 32	12 53	22 59	22 57	23 30	16 45	2 45
T 9	5 15	13 23	4 54	2 44	0 13	17 50	0 22	0 43	0 47	20 53	0 8	16 28	2 0	7 21	0 44	17 16	1 42	8 32	12 53	22 58	22 57	23 31	16 44	2 45
W10	4 52	8 10	5 0	3 27	0 20	17 35	0 18	0 27	0 47	20 51	0 8	16 30	2 0	7 20	0 44	17 17	1 41	8 32	12 54	22 57	22 56	23 33	16 44	2 45
T 11	4 30	2 41	4 49	4 9	0 28	17 20	0 15	0 12	0 46	20 49	0 8	16 31	2 0	7 18	0 44	17 17	1 41	8 31	12 54	22 56	22 56	23 34	16 44	2 46
F 12	4 7	2s48	4 23	4 51	0 36	17 4	0 11	0s 4	0 46	20 47	0 8	16 32	2 0	7 17	0 44	17 17	1 41	8 31	12 54	22 55	22 56	23 35	16 43	2 46
S 13	3 44	8 2	3 45	5 32	0 44	16 48	0 8	0 20	0 45	20 45	0 9	16 33	1 59	7 15	0 44	17 18	1 41	8 31	12 54	22 55	22 56	23 36	16 43	2 46
S 14	3 21	12 49	2 56	6 13	0 53	16 31	0 4	0 36	0 45	20 43	0 9	16 35	1 59	7 14	0 44	17 18	1 41	8 31	12 54	22 54	22 55	23 38	16 42	2 46
M15	2 58	17 1	2 0	6 53	1 1	16 14	0 0	0 52	0 45	20 41	0 9	16 36	1 59	7 12	0 44	17 18	1 41	8 30	12 55	22 54	22 55	23 39	16 42	2 47
T 16	2 35	20 26	1 0	7 33	1 9	15 56	0n 3	1 7	0 44	20 39	0 9	16 38	1 59	7 11	0 44	17 19	1 41	8 30	12 55	22 54	22 55	23 40	16 41	2 47
W17	2 12	22 58	0s 2	8 12	1 17	15 38	0 6	1 23	0 44	20 37	0 9	16 39	1 59	7 10	0 44	17 19	1 41	8 30	12 55	22 54	22 54	23 41	16 41	2 47
T 18	1 48	24 30	1 5	8 50	1 25	15 19	0 10	1 39	0 43	20 35	0 9	16 40	1 58	7 8	0 44	17 19	1 41	8 29	12 55	22 54	22 54	23 43	16 41	2 47
F 19	1 25	24 55	2 4	9 27	1 33	15 0	0 13	1 55	0 43	20 34	0 9	16 42	1 58	7 7	0 44	17 20	1 41	8 29	12 56	22 53	22 54	23 44	16 40	2 48
S 20	1 2	24 11	2 59	10 3	1 41	14 41	0 16	2 11	0 42	20 32	0 9	16 43	1 58	7 5	0 44	17 20	1 41	8 29	12 56	22 53	22 54	23 45	16 40	2 48
S 21	0 39	22 17	3 47	10 39	1 49	14 21	0 20	2 26	0 42	20 30	0 9	16 44	1 58	7 4	0 44	17 20	1 41	8 29	12 56	22 53	22 53	23 46	16 39	2 48
M22	0 15	19 17	4 25	11 14	1 56	14 1	0 23	2 42	0 41	20 28	0 10	16 46	1 58	7 2	0 44	17 21	1 41	8 28	12 56	22 52	22 53	23 47	16 38	2 48
T 23	0s 8	15 18	4 50	11 48	2 4	13 40	0 26	2 58	0 41	20 26	0 10	16 47	1 57	7 1	0 44	17 21	1 41	8 28	12 56	22 51	22 53	23 49	16 38	2 49
W24	0 31	10 28	5 1	12 20	2 12	13 19	0 29	3 14	0 40	20 24	0 10	16 49	1 57	7 0	0 44	17 22	1 41	8 28	12 57	22 50	22 52	23 50	16 37	2 49
T 25	0 55	5 2	4 55	12 52	2 19	12 57	0 32	3 30	0 40	20 22	0 10	16 50	1 57	6 58	0 44	17 22	1 41	8 28	12 57	22 49	22 52	23 51	16 37	2 49
F 26	1 18	0n46	4 33	13 23	2 26	12 35	0 35	3 45	0 39	20 21	0 10	16 52	1 57	6 57	0 44	17 22	1 41	8 27	12 57	22 48	22 52	23 52	16 36	2 49
S 27	1 41	6 38	3 53	13 53	2 33	12 13	0 38	4 1	0 39	20 19	0 10	16 53	1 57	6 56	0 44	17 23	1 41	8 27	12 57	22 47	22 52	23 53	16 36	2 50
S 28	2 4	12 13	2 58	14 21	2 40	11 50	0 41	4 17	0 38	20 17	0 10	16 55	1 57	6 54	0 44	17 23	1 41	8 27	12 58	22 46	22 51	23 54	16 35	2 50
M29	2 28	17 12	1 53	14 49	2 47	11 27	0 44	4 33	0 38	20 15	0 11	16 56	1 56	6 53	0 44	17 24	1 41	8 26	12 58	22 46	22 51	23 56	16 34	2 50
T 30	2s51	21n11	0s39	15s14	2s53	11n 4	0n47	4s48	0n38	20n14	0n11	16s58	1n56	6n51	0n44	17s24	1n40	8n26	12s58	22n46	22n51	23s57	16n34	2s50

Julian Day Number = 2500000.5, Delta T = 110.54 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°35'38, Lahiri = 25°42'39

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ASTRODIENST EPHEMERIS for the year 2132
geocentric

OCTOBER 2132 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 40 15	8♎ 9'57	23♊31	4♏ 1	4♍21	14♎18	0♌32	24♏26	14♍21	25♏ 8	5°R31	16°D44	17♊33	24♐45	26°R20	W 1
T 2	0 44 11	9° 8'53	7♋39	4°53	5°33	14°57	0°41	24°31	14°25	25°10	5♊31	16°R44	17°30	24°52	26♉18	T 2
F 3	0 48 8	10° 7'52	21°42	5°42	6°45	15°37	0°49	24°37	14°28	25°11	5°30	16♊44	17°27	24°59	26°16	F 3
S 4	0 52 4	11° 6'53	5♌38	6°27	7°58	16°16	0°57	24°43	14°32	25°13	5°30	16°41	17°24	25° 5	26°14	S 4
S 5	0 56 1	12° 5'56	19°27	7° 9	9°10	16°56	1° 5	24°49	14°35	25°15	5°29	16°36	17°21	25°12	26°12	S 5
M 6	0 59 58	13° 5'01	3♍ 8	7°46	10°23	17°35	1°13	24°54	14°39	25°16	5°28	16°29	17°17	25°19	26°10	M 6
T 7	1 3 54	14° 4'08	16°38	8°19	11°36	18°15	1°21	25° 0	14°42	25°18	5°28	16°19	17°14	25°25	26° 8	T 7
W 8	1 7 51	15° 3'18	29°57	8°46	12°48	18°54	1°29	25° 6	14°45	25°20	5°27	16° 9	17°11	25°32	26° 6	W 8
T 9	1 11 47	16° 2'30	13♎ 1	9° 9	14° 1	19°34	1°36	25°12	14°49	25°22	5°26	15°58	17° 8	25°39	26° 4	T 9
F 10	1 15 44	17° 1'44	25°50	9°25	15°14	20°14	1°43	25°18	14°52	25°24	5°26	15°48	17° 5	25°45	26° 2	F 10
S 11	1 19 40	18° 0'59	8♏23	9°35	16°27	20°53	1°51	25°25	14°55	25°26	5°25	15°40	17° 1	25°52	25°59	S 11
S 12	1 23 37	19° 0'17	20°41	9°R38	17°40	21°33	1°58	25°31	14°59	25°27	5°24	15°35	16°58	25°59	25°57	S 12
M13	1 27 33	19°59'37	2♐45	9°34	18°53	22°13	2° 5	25°37	15° 2	25°29	5°24	15°31	16°55	26° 5	25°55	M13
T 14	1 31 30	20°58'58	14°40	9°22	20° 6	22°53	2°11	25°43	15° 5	25°31	5°23	15°D31	16°52	26°12	25°52	T 14
W15	1 35 27	21°58'22	26°29	9° 3	21°19	23°33	2°18	25°49	15° 8	25°33	5°22	15°31	16°49	26°18	25°50	W15
T 16	1 39 23	22°57'47	8♑16	8°34	22°33	24°13	2°25	25°56	15°12	25°35	5°21	15°32	16°46	26°25	25°48	T 16
F 17	1 43 20	23°57'14	20° 7	7°58	23°46	24°53	2°31	26° 2	15°15	25°37	5°20	15°R33	16°42	26°32	25°45	F 17
S 18	1 47 16	24°56'43	2♒ 7	7°13	24°59	25°33	2°37	26° 9	15°18	25°39	5°20	15°33	16°39	26°38	25°42	S 18
S 19	1 51 13	25°56'13	14°21	6°20	26°13	26°13	2°43	26°15	15°21	25°41	5°19	15°31	16°36	26°45	25°40	S 19
M20	1 55 9	26°55'45	26°55	5°19	27°26	26°53	2°49	26°22	15°24	25°43	5°18	15°27	16°33	26°52	25°37	M20
T 21	1 59 6	27°55'19	9♓51	4°13	28°40	27°33	2°55	26°28	15°27	25°45	5°17	15°21	16°30	26°58	25°35	T 21
W22	2 3 2	28°54'55	23°11	3° 2	29°54	28°13	3° 0	26°35	15°30	25°47	5°16	15°14	16°26	27° 5	25°32	W22
T 23	2 6 59	29°54'32	6♈57	1°48	1♎ 7	28°53	3° 6	26°41	15°33	25°49	5°15	15° 6	16°23	27°12	25°29	T 23
F 24	2 10 56	0♏54'12	21° 4	0°33	2°21	29°33	3°11	26°48	15°36	25°51	5°14	14°59	16°20	27°18	25°26	F 24
S 25	2 14 52	1°53'53	5♉30	29♎19	3°35	0♏13	3°16	26°55	15°39	25°53	5°14	14°53	16°17	27°25	25°24	S 25
S 26	2 18 49	2°53'36	20° 7	28° 9	4°49	0°54	3°21	27° 1	15°42	25°56	5°13	14°49	16°14	27°32	25°21	S 26
M27	2 22 45	3°53'22	4♊49	27° 4	6° 3	1°34	3°26	27° 8	15°45	25°58	5°12	14°46	16°11	27°38	25°18	M27
T 28	2 26 42	4°53'09	19°29	26° 7	7°16	2°14	3°30	27°15	15°47	26° 0	5°11	14°D46	16° 7	27°45	25°15	T 28
W29	2 30 38	5°52'59	4♋ 2	25°19	8°31	2°55	3°35	27°22	15°50	26° 2	5°10	14°47	16° 4	27°52	25°12	W29
T 30	2 34 35	6°52'51	18°23	24°42	9°45	3°35	3°39	27°28	15°53	26° 4	5° 9	14°49	16° 1	27°58	25° 9	T 30
F 31	2 38 31	7♏52'45	2♌30	24♎15	10♎59	4♏16	3♌43	27♏35	15♍56	26♏ 6	5♊ 8	14°R50	15♊58	28♐ 5	25♉ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s14	23n52	0n36	15s39	2s59	10n40	0n49	5s 4	0n37	20n12	0n11	16s59	1n56	6n50	0n44	17s25	1n40	8n26	12s58	22n46	22n50	23s58	16n33	2s51
T 2	3 37	25 1	1 49	16 2	3 4	10 16	0 52	5 20	0 37	20 10	0 11	17 1	1 56	6 49	0 44	17 25	1 40	8 26	12 58	22 46	22 50	23 59	16 33	2 51
F 3	4 1	24 33	2 55	16 23	3 9	9 52	0 55	5 35	0 36	20 9	0 11	17 2	1 56	6 47	0 44	17 25	1 40	8 25	12 59	22 46	22 50	24 0	16 32	2 51
S 4	4 24	22 34	3 50	16 43	3 14	9 28	0 57	5 51	0 36	20 7	0 11	17 4	1 56	6 46	0 44	17 26	1 40	8 25	12 59	22 45	22 50	24 1	16 31	2 51
S 5	4 47	19 15	4 31	17 0	3 18	9 3	0 59	6 6	0 35	20 5	0 11	17 5	1 55	6 45	0 44	17 26	1 40	8 25	12 59	22 45	22 49	24 2	16 31	2 51
M 6	5 10	14 56	4 56	17 16	3 22	8 37	1 2	6 22	0 35	20 4	0 11	17 7	1 55	6 43	0 44	17 27	1 40	8 24	12 59	22 44	22 49	24 4	16 30	2 52
T 7	5 33	9 56	5 4	17 29	3 24	8 12	1 4	6 37	0 34	20 2	0 12	17 9	1 55	6 42	0 44	17 27	1 40	8 24	12 59	22 43	22 49	24 5	16 29	2 52
W 8	5 56	4 32	4 55	17 40	3 27	7 46	1 6	6 53	0 34	20 1	0 12	17 10	1 55	6 41	0 44	17 28	1 40	8 24	12 59	22 42	22 48	24 6	16 29	2 52
T 9	6 18	0s58	4 31	17 49	3 28	7 20	1 9	7 8	0 33	19 59	0 12	17 12	1 55	6 40	0 44	17 28	1 40	8 24	13 0	22 41	22 48	24 7	16 28	2 52
F 10	6 41	6 21	3 54	17 55	3 28	6 54	1 11	7 24	0 33	19 57	0 12	17 13	1 55	6 38	0 44	17 29	1 40	8 23	13 0	22 40	22 48	24 8	16 27	2 53
S 11	7 4	11 22	3 5	17 57	3 28	6 28	1 13	7 39	0 32	19 56	0 12	17 15	1 54	6 37	0 44	17 29	1 40	8 23	13 0	22 39	22 47	24 9	16 26	2 53
S 12	7 26	15 50	2 9	17 57	3 26	6 1	1 15	7 54	0 32	19 55	0 12	17 17	1 54	6 36	0 44	17 30	1 40	8 23	13 0	22 39	22 47	24 10	16 26	2 53
M13	7 49	19 35	1 8	17 53	3 23	5 34	1 17	8 10	0 31	19 53	0 12	17 18	1 54	6 35	0 44	17 30	1 40	8 22	13 0	22 38	22 47	24 11	16 25	2 53
T 14	8 11	22 28	0 5	17 45	3 19	5 7	1 18	8 25	0 31	19 52	0 13	17 20	1 54	6 33	0 44	17 31	1 40	8 22	13 1	22 38	22 46	24 12	16 24	2 53
W15	8 33	24 21	0s59	17 33	3 13	4 40	1 20	8 40	0 30	19 50	0 13	17 21	1 54	6 32	0 45	17 31	1 40	8 22	13 1	22 38	22 46	24 13	16 23	2 54
T 16	8 55	25 9	2 0	17 16	3 5	4 13	1 22	8 55	0 30	19 49	0 13	17 23	1 54	6 31	0 45	17 32	1 40	8 22	13 1	22 38	22 46	24 14	16 23	2 54
F 17	9 17	24 49	2 56	16 56	2 56	3 45	1 23	9 10	0 29	19 48	0 13	17 25	1 54	6 30	0 45	17 32	1 40	8 21	13 1	22 38	22 46	24 15	16 22	2 54
S 18	9 39	23 19	3 45	16 30	2 45	3 17	1 25	9 26	0 29	19 47	0 13	17 26	1 53	6 29	0 45	17 33	1 40	8 21	13 1	22 38	22 45	24 16	16 21	2 54
S 19	10 1	20 43	4 24	16 1	2 32	2 49	1 26	9 40	0 28	19 45	0 13	17 28	1 53	6 27	0 45	17 33	1 40	8 21	13 1	22 38	22 45	24 18	16 20	2 54
M20	10 22	17 7	4 53	15 27	2 18	2 22	1 28	9 55	0 28	19 44	0 13	17 29	1 53	6 26	0 45	17 34	1 40	8 20	13 1	22 38	22 45	24 19	16 19	2 55
T 21	10 44	12 36	5 7	14 49	2 1	1 53	1 29	10 10	0 27	19 43	0 14	17 31	1 53	6 25	0 45	17 34	1 40	8 20	13 2	22 37	22 44	24 20	16 19	2 55
W22	11 5	7 23	5 5	14 8	1 44	1 25	1 30	10 25	0 27	19 42	0 14	17 33	1 53	6 24	0 45	17 35	1 40	8 20	13 2	22 36	22 44	24 21	16 18	2 55
T 23	11 26	1 38	4 47	13 25	1 24	0 57	1 31	10 40	0 26	19 41	0 14	17 34	1 53	6 23	0 45	17 35	1 40	8 20	13 2	22 35	22 44	24 22	16 17	2 55
F 24	11 47	4n21	4 10	12 40	1 4	0 29	1 32	10 55	0 26	19 40	0 14	17 36	1 53	6 22	0 45	17 36	1 40	8 19	13 2	22 35	22 43	24 23	16 16	2 55
S 25	12 8	10 15	3 17	11 54	0 44	0 0	1 33	11 9	0 25	19 39	0 14	17 38	1 53	6 21	0 45	17 36	1 40	8 19	13 2	22 34	22 43	24 24	16 15	2 55
S 26	12 28	15 41	2 10	11 10	0 23	0s28	1 34	11 24	0 24	19 38	0 14	17 39	1 53	6 19	0 45	17 37	1 40	8 19	13 2	22 33	22 43	24 25	16 15	2 56
M27	12 48	20 12	0 54	10 28	0 3	0 57	1 35	11 38	0 24	19 37	0 15	17 41	1 52	6 18	0 45	17 37	1 40	8 19	13 2	22 33	22 42	24 26	16 14	2 56
T 28	13 8	23 26	0n26	9 49	0n17	1 25	1 36	11 53	0 23	19 36	0 15	17 42	1 52	6 17	0 45	17 38	1 40	8 18	13 2	22 33	22 42	24 27	16 13	2 56
W29	13 28	25 5	1 43	9 14	0 36	1 54	1 36	12 7	0 23	19 35	0 15	17 44	1 52	6 16	0 45	17 38	1 40	8 18	13 3	22 33	22 42	24 28	16 12	2 56
T 30	13 48	25 1	2 53	8 44	0 53	2 22	1 37	12 21	0 22	19 34	0 15	17 46	1 52	6 15	0 45	17 39	1 40	8 18	13 3	22 33	22 41	24 29	16 11	2 56
F 31	14s 8	23n20	3n51	8s20	1n 9	2s51	1n37	12s35	0n22	19n33	0n15	17s47	1n52	6n14	0n45	17s39	1n39	8n18	13s 3	22n34	22n41	24s29	16n10	2s56

Julian Day Number = 2500030.5, Delta T = 110.59 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°35'43, Lahiri = 25°42'43

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ASTRODIENST EPHEMERIS for the year 2132
geocentric

NOVEMBER 2132 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 28	8♏52'42	16♌22	24°R 1	12♎13	4♏56	3♌47	27♏42	15♍58	26♏ 8	5°R 7	14°R49	15♊55	28♐11	25°R 3	S 1
S 2	2 46 25	9°52'40	29°59	23°D57	13°27	5°37	3°50	27°49	16° 1	26°11	5♊ 6	14♊48	15°52	28°18	25♉ 0	S 2
M 3	2 50 21	10°52'41	13♍22	24♎ 5	14°41	6°17	3°54	27°56	16° 3	26°13	5° 5	14°44	15°48	28°25	24°57	M 3
T 4	2 54 18	11°52'44	26°31	24°23	15°56	6°58	3°57	28° 3	16° 6	26°15	5° 4	14°40	15°45	28°31	24°54	T 4
W 5	2 58 14	12°52'49	9♎26	24°52	17°10	7°39	4° 0	28°10	16° 8	26°17	5° 3	14°34	15°42	28°38	24°51	W 5
T 6	3 2 11	13°52'55	22° 8	25°29	18°24	8°19	4° 3	28°17	16°11	26°19	5° 2	14°29	15°39	28°45	24°48	T 6
F 7	3 6 7	14°53'04	4♏38	26°15	19°39	9° 0	4° 6	28°24	16°13	26°22	5° 1	14°24	15°36	28°51	24°45	F 7
S 8	3 10 4	15°53'15	16°56	27° 8	20°53	9°41	4° 9	28°31	16°16	26°24	5° 0	14°20	15°32	28°58	24°42	S 8
S 9	3 14 0	16°53'27	29° 3	28° 7	22° 8	10°22	4°11	28°38	16°18	26°26	4°59	14°17	15°29	29° 5	24°39	S 9
M10	3 17 57	17°53'42	11♐ 1	29°12	23°23	11° 3	4°13	28°45	16°20	26°28	4°58	14°D16	15°26	29°11	24°36	M10
T 11	3 21 54	18°53'58	22°52	0♏22	24°37	11°44	4°15	28°52	16°22	26°30	4°56	14°17	15°23	29°18	24°33	T 11
W12	3 25 50	19°54'15	4♑40	1°36	25°52	12°25	4°17	28°59	16°25	26°33	4°55	14°18	15°20	29°25	24°29	W12
T 13	3 29 47	20°54'34	16°26	2°54	27° 6	13° 6	4°19	29° 6	16°27	26°35	4°54	14°20	15°17	29°31	24°26	T 13
F 14	3 33 43	21°54'55	28°17	4°15	28°21	13°47	4°20	29°13	16°29	26°37	4°53	14°21	15°13	29°38	24°23	F 14
S 15	3 37 40	22°55'17	10♒15	5°38	29°36	14°28	4°21	29°20	16°31	26°39	4°52	14°23	15°10	29°45	24°20	S 15
S 16	3 41 36	23°55'40	22°27	7° 4	0♏51	15° 9	4°22	29°27	16°33	26°42	4°51	14°R23	15° 7	29°51	24°17	S 16
M17	3 45 33	24°56'05	4♓56	8°31	2° 5	15°50	4°23	29°35	16°35	26°44	4°50	14°23	15° 4	29°58	24°14	M17
T 18	3 49 29	25°56'31	17°47	10° 0	3°20	16°31	4°24	29°42	16°37	26°46	4°49	14°22	15° 1	0♑ 4	24°10	T 18
W19	3 53 26	26°56'58	1♈ 4	11°30	4°35	17°13	4°24	29°49	16°38	26°48	4°48	14°20	14°58	0°11	24° 7	W19
T 20	3 57 23	27°57'26	14°48	13° 1	5°50	17°54	4°24	29°56	16°40	26°51	4°47	14°18	14°54	0°18	24° 4	T 20
F 21	4 1 19	28°57'56	28°59	14°33	7° 5	18°35	4°R24	0♐ 3	16°42	26°53	4°45	14°15	14°51	0°24	24° 1	F 21
S 22	4 5 16	29°58'28	13♉34	16° 5	8°20	19°17	4°24	0°10	16°44	26°55	4°44	14°14	14°48	0°31	23°58	S 22
S 23	4 9 12	0♐59'00	28°26	17°38	9°35	19°58	4°24	0°17	16°45	26°57	4°43	14°12	14°45	0°38	23°55	S 23
M24	4 13 9	1°59'35	13♊29	19°12	10°49	20°40	4°23	0°25	16°47	27° 0	4°42	14°D12	14°42	0°44	23°52	M24
T 25	4 17 5	3° 0'10	28°34	20°45	12° 4	21°21	4°23	0°32	16°48	27° 2	4°41	14°12	14°38	0°51	23°48	T 25
W26	4 21 2	4° 0'48	13♋31	22°19	13°19	22° 3	4°22	0°39	16°50	27° 4	4°40	14°13	14°35	0°58	23°45	W26
T 27	4 24 58	5° 1'27	28°13	23°53	14°35	22°44	4°20	0°46	16°51	27° 6	4°39	14°14	14°32	1° 4	23°42	T 27
F 28	4 28 55	6° 2'07	12♌37	25°27	15°50	23°26	4°19	0°53	16°53	27° 9	4°38	14°15	14°29	1°11	23°39	F 28
S 29	4 32 52	7° 2'50	26°38	27° 2	17° 5	24° 8	4°18	1° 0	16°54	27°11	4°36	14°15	14°26	1°18	23°36	S 29
S 30	4 36 48	8♐ 3'33	10♍16	28♏36	18♏20	24♏49	4♌16	1♐ 7	16♍55	27♏13	4♊35	14°R15	14♊23	1♑24	23♉33	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s27	20n17	4n35	8s 1	1n23	3s19	1n38	12s49	0n21	19n33	0n15	17s49	1n52	6n13	0n45	17s40	1n39	8n17	13s 3	22n34	22n41	24s30	16n10	2s57
S 2	14 46	16 10	5 2	7 49	1 35	3 48	1 38	13 3	0 21	19 32	0 16	17 51	1 52	6 12	0 45	17 40	1 39	8 17	13 3	22 33	22 40	24 31	16 9	2 57
M 3	15 5	11 20	5 12	7 42	1 46	4 16	1 39	13 17	0 20	19 31	0 16	17 52	1 52	6 11	0 45	17 41	1 39	8 17	13 3	22 33	22 40	24 32	16 8	2 57
T 4	15 23	6 3	5 5	7 41	1 54	4 45	1 39	13 31	0 20	19 31	0 16	17 54	1 52	6 10	0 45	17 41	1 39	8 17	13 3	22 32	22 40	24 33	16 7	2 57
W 5	15 42	0 36	4 43	7 44	2 1	5 13	1 39	13 45	0 19	19 30	0 16	17 55	1 52	6 9	0 45	17 42	1 39	8 16	13 3	22 32	22 39	24 34	16 6	2 57
T 6	16 0	4s47	4 8	7 53	2 7	5 41	1 39	13 59	0 19	19 29	0 16	17 57	1 51	6 9	0 45	17 42	1 39	8 16	13 3	22 31	22 39	24 35	16 5	2 57
F 7	16 17	9 54	3 20	8 6	2 11	6 9	1 39	14 12	0 18	19 29	0 16	17 59	1 51	6 8	0 45	17 43	1 39	8 16	13 3	22 31	22 39	24 36	16 4	2 57
S 8	16 35	14 34	2 25	8 22	2 13	6 37	1 39	14 26	0 17	19 29	0 17	18 0	1 51	6 7	0 45	17 43	1 39	8 16	13 3	22 30	22 38	24 37	16 3	2 58
S 9	16 52	18 35	1 23	8 42	2 15	7 5	1 39	14 39	0 17	19 28	0 17	18 2	1 51	6 6	0 45	17 44	1 39	8 15	13 3	22 30	22 38	24 38	16 3	2 58
M10	17 9	21 47	0 18	9 5	2 15	7 33	1 38	14 52	0 16	19 28	0 17	18 4	1 51	6 5	0 45	17 44	1 39	8 15	13 3	22 30	22 38	24 39	16 2	2 58
T 11	17 26	24 1	0s47	9 30	2 14	8 1	1 38	15 6	0 16	19 27	0 17	18 5	1 51	6 4	0 45	17 45	1 39	8 15	13 3	22 30	22 37	24 40	16 1	2 58
W12	17 42	25 10	1 50	9 57	2 13	8 28	1 38	15 19	0 15	19 27	0 17	18 7	1 51	6 3	0 45	17 45	1 39	8 15	13 4	22 30	22 37	24 41	16 0	2 58
T 13	17 58	25 12	2 48	10 26	2 10	8 56	1 37	15 32	0 15	19 27	0 17	18 8	1 51	6 3	0 45	17 46	1 39	8 14	13 4	22 30	22 37	24 41	15 59	2 58
F 14	18 14	24 5	3 40	10 56	2 7	9 23	1 36	15 44	0 14	19 27	0 18	18 10	1 51	6 2	0 45	17 47	1 39	8 14	13 4	22 30	22 36	24 42	15 58	2 58
S 15	18 29	21 52	4 22	11 27	2 3	9 50	1 36	15 57	0 14	19 27	0 18	18 11	1 51	6 1	0 46	17 47	1 39	8 14	13 4	22 31	22 36	24 43	15 57	2 58
S 16	18 44	18 39	4 53	11 59	1 59	10 16	1 35	16 10	0 13	19 27	0 18	18 13	1 51	6 0	0 46	17 48	1 39	8 14	13 4	22 31	22 36	24 44	15 57	2 58
M17	18 59	14 32	5 12	12 32	1 54	10 43	1 34	16 22	0 12	19 27	0 18	18 15	1 51	6 0	0 46	17 48	1 39	8 14	13 4	22 31	22 35	24 45	15 56	2 59
T 18	19 14	9 40	5 16	13 5	1 49	11 9	1 34	16 35	0 12	19 27	0 18	18 16	1 51	5 59	0 46	17 49	1 39	8 13	13 4	22 30	22 35	24 46	15 55	2 59
W19	19 28	4 12	5 3	13 38	1 43	11 35	1 33	16 47	0 11	19 27	0 18	18 18	1 51	5 58	0 46	17 49	1 39	8 13	13 4	22 30	22 34	24 47	15 54	2 59
T 20	19 41	1n38	4 33	14 11	1 38	12 1	1 32	16 59	0 11	19 27	0 19	18 19	1 51	5 58	0 46	17 50	1 39	8 13	13 4	22 30	22 34	24 47	15 53	2 59
F 21	19 55	7 36	3 45	14 44	1 32	12 26	1 31	17 11	0 10	19 27	0 19	18 21	1 51	5 57	0 46	17 50	1 39	8 13	13 4	22 30	22 34	24 48	15 52	2 59
S 22	20 8	13 19	2 42	15 17	1 25	12 51	1 30	17 23	0 10	19 27	0 19	18 22	1 50	5 56	0 46	17 51	1 39	8 13	13 4	22 29	22 33	24 49	15 52	2 59
S 23	20 20	18 24	1 26	15 49	1 19	13 16	1 28	17 35	0 9	19 27	0 19	18 24	1 50	5 56	0 46	17 51	1 39	8 12	13 4	22 29	22 33	24 50	15 51	2 59
M24	20 33	22 20	0 4	16 21	1 12	13 41	1 27	17 46	0 8	19 28	0 19	18 25	1 50	5 55	0 46	17 52	1 39	8 12	13 4	22 29	22 33	24 51	15 50	2 59
T 25	20 45	24 44	1n19	16 53	1 5	14 5	1 26	17 58	0 8	19 28	0 19	18 27	1 50	5 55	0 46	17 52	1 39	8 12	13 4	22 29	22 32	24 52	15 49	2 59
W26	20 56	25 19	2 36	17 24	0 58	14 29	1 25	18 9	0 7	19 28	0 20	18 28	1 50	5 54	0 46	17 53	1 39	8 12	13 4	22 29	22 32	24 52	15 48	2 59
T 27	21 7	24 7	3 41	17 54	0 51	14 52	1 23	18 20	0 7	19 29	0 20	18 30	1 50	5 54	0 46	17 53	1 39	8 12	13 4	22 30	22 32	24 53	15 47	2 59
F 28	21 18	21 20	4 31	18 24	0 44	15 16	1 22	18 31	0 6	19 29	0 20	18 31	1 50	5 53	0 46	17 54	1 39	8 12	13 4	22 30	22 31	24 54	15 47	2 59
S 29	21 28	17 22	5 3	18 52	0 37	15 38	1 20	18 42	0 5	19 30	0 20	18 33	1 50	5 53	0 46	17 54	1 39	8 12	13 3	22 30	22 31	24 55	15 46	2 59
S 30	21s38	12n36	5n17	19s20	0n30	16s 1	1n19	18s53	0n 5	19n31	0n20	18s34	1n50	5n52	0n46	17s55	1n39	8n11	13s 3	22n30	22n31	24s56	15n45	2s59

Julian Day Number = 2500061.5, Delta T = 110.64 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°35'47, Lahiri = 25°42'47

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ASTRODIENST EPHEMERIS for the year 2132
geocentric

DECEMBER 2132 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 40 45	9♐ 4'18	23♍32	0♐10	19♏35	25♏31	4°R14	1♐14	16♍57	27♏15	4°R34	14°R15	14♊19	1♉31	23°R30	M 1
T 2	4 44 41	10° 5'05	6♎29	1°44	20°50	26°13	4♌12	1°21	16°58	27°18	4♊33	14♊15	14°16	1°38	23♉27	T 2
W 3	4 48 38	11° 5'53	19° 8	3°19	22° 5	26°55	4° 9	1°29	16°59	27°20	4°32	14°14	14°13	1°44	23°24	W 3
T 4	4 52 34	12° 6'43	1♏33	4°53	23°20	27°37	4° 7	1°36	17° 0	27°22	4°31	14°14	14°10	1°51	23°21	T 4
F 5	4 56 31	13° 7'34	13°46	6°27	24°36	28°18	4° 4	1°43	17° 1	27°24	4°30	14°14	14° 7	1°58	23°18	F 5
S 6	5 0 27	14° 8'26	25°50	8° 1	25°51	29° 0	4° 1	1°50	17° 2	27°26	4°29	14°D14	14° 4	2° 4	23°15	S 6
S 7	5 4 24	15° 9'20	7♑47	9°35	27° 6	29°42	3°58	1°57	17° 3	27°29	4°27	14°14	14° 0	2°11	23°12	S 7
M 8	5 8 21	16°10'15	19°38	11° 9	28°21	0♑25	3°55	2° 4	17° 4	27°31	4°26	14°R14	13°57	2°18	23° 9	M 8
T 9	5 12 17	17°11'10	1♉26	12°43	29°37	1° 7	3°51	2°11	17° 4	27°33	4°25	14°14	13°54	2°24	23° 7	T 9
W10	5 16 14	18°12'07	13°14	14°17	0♑52	1°49	3°48	2°18	17° 5	27°35	4°24	14°13	13°51	2°31	23° 4	W10
T 11	5 20 10	19°13'04	25° 3	15°52	2° 7	2°31	3°44	2°25	17° 6	27°37	4°23	14°13	13°48	2°37	23° 1	T 11
F 12	5 24 7	20°14'03	6♒55	17°26	3°22	3°13	3°40	2°32	17° 6	27°39	4°22	14°12	13°44	2°44	22°58	F 12
S 13	5 28 3	21°15'02	18°56	19° 0	4°38	3°56	3°35	2°38	17° 7	27°41	4°21	14°11	13°41	2°51	22°56	S 13
S 14	5 32 0	22°16'01	1♓ 7	20°34	5°53	4°38	3°31	2°45	17° 7	27°43	4°20	14°10	13°38	2°57	22°53	S 14
M15	5 35 57	23°17'01	13°33	22° 8	7° 8	5°20	3°27	2°52	17° 8	27°46	4°19	14° 9	13°35	3° 4	22°50	M15
T 16	5 39 53	24°18'02	26°18	23°43	8°24	6° 3	3°22	2°59	17° 8	27°48	4°18	14°D 9	13°32	3°11	22°48	T 16
W17	5 43 50	25°19'03	9♈26	25°17	9°39	6°45	3°17	3° 6	17° 9	27°50	4°17	14°10	13°29	3°17	22°45	W17
T 18	5 47 46	26°20'04	22°59	26°52	10°54	7°27	3°12	3°13	17° 9	27°52	4°16	14°10	13°25	3°24	22°43	T 18
F 19	5 51 43	27°21'06	6♉59	28°26	12°10	8°10	3° 7	3°19	17° 9	27°54	4°14	14°12	13°22	3°31	22°40	F 19
S 20	5 55 39	28°22'08	21°26	0♊ 1	13°25	8°53	3° 1	3°26	17° 9	27°56	4°13	14°13	13°19	3°37	22°38	S 20
S 21	5 59 36	29°23'11	6♊16	1°36	14°40	9°35	2°56	3°33	17° 9	27°58	4°12	14°13	13°16	3°44	22°35	S 21
M22	6 3 32	0♊24'14	21°23	3°11	15°56	10°18	2°50	3°39	17°R 9	28° 0	4°11	14°R13	13°13	3°51	22°33	M22
T 23	6 7 29	1°25'18	6♋39	4°46	17°11	11° 0	2°44	3°46	17° 9	28° 2	4°10	14°12	13°10	3°57	22°31	T 23
W24	6 11 26	2°26'23	21°53	6°22	18°26	11°43	2°38	3°53	17° 9	28° 4	4° 9	14°11	13° 6	4° 4	22°28	W24
T 25	6 15 22	3°27'28	6♌55	7°58	19°42	12°26	2°32	3°59	17° 9	28° 6	4° 9	14° 8	13° 3	4°11	22°26	T 25
F 26	6 19 19	4°28'33	21°37	9°34	20°57	13° 9	2°26	4° 6	17° 9	28° 8	4° 8	14° 5	13° 0	4°17	22°24	F 26
S 27	6 23 15	5°29'39	5♍54	11°10	22°13	13°52	2°19	4°12	17° 9	28° 9	4° 7	14° 3	12°57	4°24	22°22	S 27
S 28	6 27 12	6°30'46	19°43	12°46	23°28	14°35	2°13	4°19	17° 8	28°11	4° 6	14° 1	12°54	4°31	22°20	S 28
M29	6 31 8	7°31'53	3♎ 4	14°23	24°43	15°17	2° 6	4°25	17° 8	28°13	4° 5	14°D 0	12°50	4°37	22°18	M29
T 30	6 35 5	8°33'01	16° 0	15°59	25°59	16° 0	1°59	4°31	17° 8	28°15	4° 4	14° 0	12°47	4°44	22°16	T 30
W31	6 39 1	9♉34'09	28♎34	17♉36	27♐14	16♐43	1♌52	4♐38	17♍ 7	28♏17	4♊ 3	14♊ 1	12♊44	4♉51	22♉14	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s48	7n22	5n14	19s47	0n23	16s23	1n17	19s 3	0n 4	19n31	0n21	18s36	1n50	5n52	0n46	17s55	1n39	8n11	13s 3	22n30	22n30	24s56	15n44	2s59
T 2	21 57	1 56	4 54	20 14	0 16	16 44	1 15	19 14	0 4	19 32	0 21	18 37	1 50	5 51	0 46	17 56	1 39	8 11	13 3	22 30	22 30	24 57	15 43	2 59
W 3	22 5	3s28	4 21	20 39	0 9	17 5	1 14	19 24	0 3	19 33	0 21	18 39	1 50	5 51	0 46	17 56	1 39	8 11	13 3	22 30	22 29	24 58	15 43	2 59
T 4	22 14	8 38	3 36	21 3	0 2	17 26	1 12	19 34	0 3	19 33	0 21	18 40	1 50	5 51	0 46	17 57	1 39	8 11	13 3	22 30	22 29	24 59	15 42	3 0
F 5	22 21	13 23	2 41	21 27	0s 4	17 46	1 10	19 44	0 2	19 34	0 21	18 41	1 50	5 50	0 46	17 57	1 39	8 11	13 3	22 29	22 29	24 59	15 41	3 0
S 6	22 29	17 34	1 41	21 49	0 11	18 6	1 8	19 54	0 1	19 35	0 21	18 43	1 50	5 50	0 46	17 58	1 39	8 11	13 3	22 29	22 28	25 0	15 40	3 0
S 7	22 36	21 0	0 36	22 10	0 18	18 25	1 6	20 4	0 1	19 36	0 22	18 44	1 50	5 50	0 46	17 58	1 39	8 11	13 3	22 29	22 28	25 1	15 40	3 0
M 8	22 42	23 31	0s30	22 30	0 25	18 44	1 4	20 13	0 0	19 37	0 22	18 46	1 50	5 49	0 46	17 59	1 39	8 10	13 3	22 29	22 28	25 2	15 39	3 0
T 9	22 48	24 59	1 34	22 49	0 31	19 2	1 2	20 23	0s 1	19 38	0 22	18 47	1 50	5 49	0 47	17 59	1 39	8 10	13 3	22 29	22 27	25 2	15 38	3 0
W10	22 54	25 20	2 34	23 7	0 38	19 20	1 0	20 32	0 1	19 39	0 22	18 48	1 50	5 49	0 47	18 0	1 39	8 10	13 3	22 29	22 27	25 3	15 38	3 0
T 11	22 59	24 31	3 28	23 24	0 44	19 37	0 58	20 41	0 2	19 40	0 22	18 50	1 50	5 49	0 47	18 0	1 39	8 10	13 3	22 29	22 26	25 4	15 37	3 0
F 12	23 4	22 36	4 13	23 39	0 50	19 54	0 56	20 49	0 2	19 41	0 23	18 51	1 50	5 48	0 47	18 0	1 39	8 10	13 2	22 29	22 26	25 4	15 36	3 0
S 13	23 8	19 41	4 47	23 54	0 56	20 10	0 54	20 58	0 3	19 42	0 23	18 52	1 50	5 48	0 47	18 1	1 40	8 10	13 2	22 29	22 26	25 5	15 36	3 0
S 14	23 12	15 53	5 9	24 7	1 2	20 25	0 52	21 7	0 4	19 44	0 23	18 54	1 50	5 48	0 47	18 1	1 40	8 10	13 2	22 29	22 25	25 6	15 35	3 0
M15	23 15	11 21	5 17	24 19	1 8	20 40	0 50	21 15	0 4	19 45	0 23	18 55	1 50	5 48	0 47	18 2	1 40	8 10	13 2	22 29	22 25	25 6	15 34	3 0
T 16	23 18	6 13	5 10	24 29	1 13	20 54	0 47	21 23	0 5	19 46	0 23	18 56	1 50	5 48	0 47	18 2	1 40	8 10	13 2	22 29	22 24	25 7	15 34	3 0
W17	23 20	0 40	4 47	24 39	1 18	21 8	0 45	21 31	0 5	19 47	0 23	18 57	1 50	5 48	0 47	18 3	1 40	8 10	13 2	22 29	22 24	25 8	15 33	3 0
T 18	23 22	5n 6	4 8	24 47	1 23	21 21	0 43	21 38	0 6	19 49	0 24	18 59	1 50	5 48	0 47	18 3	1 40	8 10	13 2	22 29	22 24	25 8	15 32	3 0
F 19	23 24	10 48	3 12	24 53	1 28	21 34	0 41	21 46	0 7	19 50	0 24	19 0	1 50	5 48	0 47	18 4	1 40	8 10	13 2	22 29	22 23	25 9	15 32	3 0
S 20	23 25	16 8	2 3	24 58	1 33	21 46	0 38	21 53	0 7	19 52	0 24	19 1	1 50	5 48	0 47	18 4	1 40	8 10	13 1	22 29	22 23	25 10	15 31	3 0
S 21	23 25	20 37	0 44	25 2	1 38	21 57	0 36	22 0	0 8	19 53	0 24	19 2	1 50	5 48	0 47	18 4	1 40	8 10	13 1	22 29	22 23	25 10	15 31	2 59
M22	23 25	23 48	0n40	25 5	1 42	22 7	0 34	22 7	0 9	19 54	0 24	19 4	1 50	5 48	0 47	18 5	1 40	8 10	13 1	22 29	22 22	25 11	15 30	2 59
T 23	23 25	25 16	2 1	25 6	1 46	22 17	0 31	22 14	0 9	19 56	0 25	19 5	1 50	5 48	0 47	18 5	1 40	8 10	13 1	22 29	22 22	25 12	15 30	2 59
W24	23 24	24 50	3 14	25 6	1 50	22 27	0 29	22 20	0 10	19 58	0 25	19 6	1 50	5 48	0 47	18 6	1 40	8 10	13 1	22 29	22 21	25 12	15 29	2 59
T 25	23 23	22 35	4 12	25 4	1 53	22 35	0 26	22 27	0 10	19 59	0 25	19 7	1 51	5 48	0 47	18 6	1 40	8 10	13 1	22 29	22 21	25 13	15 29	2 59
F 26	23 21	18 53	4 52	25 1	1 56	22 43	0 24	22 33	0 11	20 1	0 25	19 8	1 51	5 48	0 47	18 6	1 40	8 10	13 1	22 29	22 21	25 13	15 28	2 59
S 27	23 19	14 11	5 12	24 56	1 59	22 50	0 21	22 39	0 12	20 2	0 25	19 10	1 51	5 48	0 47	18 7	1 40	8 10	13 0	22 28	22 20	25 14	15 28	2 59
S 28	23 16	8 53	5 14	24 50	2 2	22 57	0 19	22 44	0 12	20 4	0 25	19 11	1 51	5 48	0 47	18 7	1 40	8 10	13 0	22 28	22 20	25 15	15 27	2 59
M29	23 13	3 21	4 58	24 42	2 4	23 3	0 17	22 50	0 13	20 6	0 26	19 12	1 51	5 48	0 47	18 8	1 40	8 10	13 0	22 28	22 19	25 15	15 27	2 59
T 30	23 9	2s10	4 28	24 33	2 6	23 8	0 14	22 55	0 14	20 7	0 26	19 13	1 51	5 49	0 47	18 8	1 40	8 10	13 0	22 28	22 19	25 16	15 26	2 59
W31	23s 5	7s27	3n45	24s22	2s 7	23s12	0n12	23s 0	0s14	20n 9	0n26	19s14	1n51	5n49	0n47	18s 8	1n40	8n10	13s 0	22n28	22n19	25s16	15n26	2s59

Julian Day Number = 2500091.5, Delta T = 110.69 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°35'51, Lahiri = 25°42'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2133
geocentric

JANUARY 2133 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 58	10♑35'18	10♏50	19♑13	28♐30	17♐27	1°R45	4♐44	17°R 7	28♏19	4°R 2	14♊ 3	12♊41	4♑57	22°R12	T 1
F 2	6 46 55	11°36'27	22°54	20°51	29°45	18°10	1♎38	4°50	17♍ 6	28°20	4♊ 1	14° 5	12°38	5° 4	22♉10	F 2
S 3	6 50 51	12°37'37	4♐48	22°28	1♑ 1	18°53	1°31	4°56	17° 5	28°22	4° 0	14° 6	12°35	5°11	22° 9	S 3
S 4	6 54 48	13°38'47	16°38	24° 6	2°16	19°36	1°23	5° 2	17° 5	28°24	3°59	14°R 6	12°31	5°17	22° 7	S 4
M 5	6 58 44	14°39'57	28°25	25°43	3°31	20°19	1°16	5° 8	17° 4	28°26	3°59	14° 5	12°28	5°24	22° 5	M 5
T 6	7 2 41	15°41'07	10♑12	27°20	4°47	21° 3	1° 9	5°14	17° 3	28°27	3°58	14° 3	12°25	5°31	22° 4	T 6
W 7	7 6 37	16°42'18	22° 3	28°58	6° 2	21°46	1° 1	5°20	17° 2	28°29	3°57	13°58	12°22	5°37	22° 2	W 7
T 8	7 10 34	17°43'28	3♒57	0♒35	7°18	22°29	0°53	5°26	17° 2	28°31	3°56	13°52	12°19	5°44	22° 1	T 8
F 9	7 14 30	18°44'38	15°58	2°12	8°33	23°13	0°46	5°32	17° 1	28°32	3°55	13°46	12°16	5°50	22° 0	F 9
S 10	7 18 27	19°45'47	28° 6	3°48	9°49	23°56	0°38	5°38	17° 0	28°34	3°55	13°39	12°12	5°57	21°58	S 10
S 11	7 22 24	20°46'57	10♓25	5°23	11° 4	24°39	0°30	5°44	16°59	28°35	3°54	13°33	12° 9	6° 4	21°57	S 11
M12	7 26 20	21°48'06	22°55	6°58	12°19	25°23	0°22	5°49	16°57	28°37	3°53	13°27	12° 6	6°10	21°56	M12
T 13	7 30 17	22°49'14	5♈40	8°32	13°35	26° 7	0°14	5°55	16°56	28°38	3°53	13°24	12° 3	6°17	21°55	T 13
W14	7 34 13	23°50'22	18°42	10° 4	14°50	26°50	0° 6	6° 1	16°55	28°40	3°52	13°D22	12° 0	6°24	21°54	W14
T 15	7 38 10	24°51'29	2♉ 5	11°34	16° 6	27°34	29♋58	6° 6	16°54	28°41	3°51	13°23	11°56	6°30	21°53	T 15
F 16	7 42 6	25°52'35	15°50	13° 3	17°21	28°17	29°50	6°11	16°53	28°43	3°51	13°24	11°53	6°37	21°52	F 16
S 17	7 46 3	26°53'41	29°59	14°29	18°37	29° 1	29°42	6°17	16°51	28°44	3°50	13°25	11°50	6°44	21°51	S 17
S 18	7 49 59	27°54'47	14♊33	15°52	19°52	29°45	29°34	6°22	16°50	28°45	3°49	13°R26	11°47	6°50	21°50	S 18
M19	7 53 56	28°55'51	29°26	17°11	21° 7	0♑29	29°26	6°27	16°48	28°47	3°49	13°25	11°44	6°57	21°49	M19
T 20	7 57 53	29°56'55	14♋32	18°26	22°23	1°12	29°18	6°33	16°47	28°48	3°48	13°21	11°41	7° 4	21°48	T 20
W21	8 1 49	0♒57'59	29°44	19°36	23°38	1°56	29°10	6°38	16°45	28°49	3°48	13°16	11°37	7°10	21°48	W21
T 22	8 5 46	1°59'01	14♎51	20°40	24°54	2°40	29° 2	6°43	16°44	28°51	3°47	13° 9	11°34	7°17	21°47	T 22
F 23	8 9 42	3° 0'03	29°42	21°38	26° 9	3°24	28°54	6°48	16°42	28°52	3°47	13° 1	11°31	7°24	21°47	F 23
S 24	8 13 39	4° 1'05	14♍11	22°29	27°24	4° 8	28°46	6°53	16°40	28°53	3°46	12°52	11°28	7°30	21°46	S 24
S 25	8 17 35	5° 2'06	28°11	23°11	28°40	4°52	28°38	6°58	16°39	28°54	3°46	12°46	11°25	7°37	21°46	S 25
M26	8 21 32	6° 3'06	11♎41	23°45	29°55	5°36	28°30	7° 2	16°37	28°55	3°45	12°40	11°22	7°44	21°46	M26
T 27	8 25 28	7° 4'06	24°43	24° 8	1♒10	6°20	28°22	7° 7	16°35	28°57	3°45	12°38	11°18	7°50	21°45	T 27
W28	8 29 25	8° 5'06	7♏20	24°21	2°26	7° 4	28°14	7°12	16°33	28°58	3°44	12°D37	11°15	7°57	21°45	W28
T 29	8 33 22	9° 6'05	19°37	24°R23	3°41	7°49	28° 6	7°16	16°31	28°59	3°44	12°37	11°12	8° 4	21°45	T 29
F 30	8 37 18	10° 7'03	1♐38	24°14	4°57	8°33	27°59	7°21	16°30	29° 0	3°43	12°38	11° 9	8°10	21°D45	F 30
S 31	8 41 15	11♒ 8'01	13♐30	23♒53	6♒12	9♑17	27♋51	7♐25	16♍28	29♏ 1	3♊43	12°R39	11♊ 6	8♑17	21♉45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 0	12s19	2n53	24s10	2s 9	23s16	0n 9	23s 5	0s15	20n11	0n26	19s15	1n51	5n49	0n48	18s 9	1n40	8n10	12s59	22n28	22n18	25s17	15n25	2s59
F 2	22 55	16 39	1 54	23 56	2 9	23 19	0 7	23 9	0 16	20 13	0 26	19 16	1 51	5 49	0 48	18 9	1 40	8 10	12 59	22 28	22 18	25 18	15 25	2 59
S 3	22 49	20 15	0 51	23 41	2 10	23 21	0 4	23 14	0 16	20 14	0 26	19 17	1 51	5 50	0 48	18 9	1 40	8 10	12 59	22 29	22 17	25 18	15 25	2 59
S 4	22 43	22 59	0s14	23 24	2 9	23 22	0 2	23 18	0 17	20 16	0 27	19 18	1 51	5 50	0 48	18 10	1 40	8 10	12 59	22 29	22 17	25 19	15 24	2 59
M 5	22 37	24 42	1 18	23 6	2 9	23 23	0s 1	23 22	0 18	20 18	0 27	19 19	1 51	5 50	0 48	18 10	1 40	8 10	12 59	22 29	22 16	25 19	15 24	2 59
T 6	22 30	25 20	2 18	22 46	2 8	23 23	0 3	23 25	0 18	20 20	0 27	19 20	1 51	5 51	0 48	18 10	1 40	8 10	12 58	22 28	22 16	25 20	15 24	2 59
W 7	22 23	24 47	3 13	22 25	2 6	23 23	0 6	23 29	0 19	20 21	0 27	19 21	1 51	5 51	0 48	18 11	1 40	8 10	12 58	22 28	22 16	25 20	15 23	2 59
T 8	22 15	23 7	3 59	22 2	2 4	23 21	0 8	23 32	0 20	20 23	0 27	19 22	1 51	5 51	0 48	18 11	1 40	8 10	12 58	22 27	22 15	25 21	15 23	2 59
F 9	22 7	20 25	4 35	21 37	2 1	23 19	0 11	23 35	0 20	20 25	0 27	19 23	1 51	5 52	0 48	18 11	1 40	8 10	12 58	22 26	22 15	25 21	15 23	2 58
S 10	21 58	16 48	4 59	21 12	1 58	23 17	0 13	23 38	0 21	20 27	0 27	19 24	1 52	5 52	0 48	18 12	1 40	8 10	12 57	22 25	22 14	25 22	15 22	2 58
S 11	21 49	12 26	5 10	20 45	1 54	23 13	0 15	23 40	0 22	20 29	0 28	19 25	1 52	5 53	0 48	18 12	1 40	8 11	12 57	22 25	22 14	25 22	15 22	2 58
M12	21 40	7 30	5 6	20 16	1 49	23 9	0 18	23 43	0 22	20 31	0 28	19 26	1 52	5 53	0 48	18 12	1 40	8 11	12 57	22 24	22 14	25 23	15 22	2 58
T 13	21 30	2 9	4 48	19 47	1 43	23 4	0 20	23 45	0 23	20 32	0 28	19 27	1 52	5 53	0 48	18 12	1 41	8 11	12 57	22 24	22 13	25 23	15 22	2 58
W14	21 19	3n24	4 14	19 16	1 37	22 58	0 22	23 47	0 24	20 34	0 28	19 28	1 52	5 54	0 48	18 13	1 41	8 11	12 57	22 23	22 13	25 24	15 22	2 58
T 15	21 9	8 58	3 25	18 44	1 30	22 52	0 25	23 48	0 24	20 36	0 28	19 28	1 52	5 55	0 48	18 13	1 41	8 11	12 56	22 23	22 12	25 24	15 21	2 58
F 16	20 57	14 16	2 24	18 12	1 22	22 45	0 27	23 50	0 25	20 38	0 28	19 29	1 52	5 55	0 48	18 13	1 41	8 11	12 56	22 23	22 12	25 25	15 21	2 58
S 17	20 46	18 58	1 12	17 39	1 13	22 37	0 29	23 51	0 26	20 40	0 28	19 30	1 52	5 56	0 48	18 14	1 41	8 11	12 56	22 24	22 11	25 25	15 21	2 58
S 18	20 34	22 38	0n 6	17 5	1 4	22 28	0 32	23 52	0 26	20 42	0 29	19 31	1 52	5 56	0 48	18 14	1 41	8 11	12 56	22 24	22 11	25 26	15 21	2 58
M19	20 22	24 51	1 26	16 31	0 53	22 19	0 34	23 52	0 27	20 43	0 29	19 32	1 52	5 57	0 48	18 14	1 41	8 12	12 55	22 24	22 11	25 26	15 21	2 58
T 20	20 9	25 17	2 40	15 57	0 42	22 9	0 36	23 53	0 28	20 45	0 29	19 32	1 52	5 57	0 48	18 14	1 41	8 12	12 55	22 23	22 10	25 27	15 21	2 58
W21	19 56	23 50	3 44	15 24	0 29	21 59	0 38	23 53	0 28	20 47	0 29	19 33	1 53	5 58	0 48	18 15	1 41	8 12	12 55	22 23	22 10	25 27	15 21	2 57
T 22	19 42	20 41	4 31	14 50	0 16	21 48	0 40	23 53	0 29	20 49	0 29	19 34	1 53	5 59	0 48	18 15	1 41	8 12	12 54	22 22	22 9	25 27	15 21	2 57
F 23	19 28	16 14	4 59	14 18	0 2	21 36	0 42	23 52	0 30	20 51	0 29	19 35	1 53	5 59	0 48	18 15	1 41	8 12	12 54	22 21	22 9	25 28	15 21	2 57
S 24	19 14	10 57	5 7	13 48	0n14	21 24	0 44	23 52	0 30	20 52	0 29	19 35	1 53	6 0	0 48	18 15	1 41	8 12	12 54	22 20	22 8	25 28	15 21	2 57
S 25	19 0	5 15	4 56	13 19	0 30	21 10	0 47	23 51	0 31	20 54	0 29	19 36	1 53	6 1	0 48	18 15	1 41	8 13	12 54	22 19	22 8	25 29	15 21	2 57
M26	18 45	0s29	4 29	12 52	0 46	20 57	0 49	23 50	0 32	20 56	0 30	19 37	1 53	6 1	0 48	18 16	1 41	8 13	12 53	22 18	22 8	25 29	15 21	2 57
T 27	18 30	6 1	3 49	12 28	1 3	20 42	0 50	23 49	0 32	20 58	0 30	19 37	1 53	6 2	0 48	18 16	1 41	8 13	12 53	22 18	22 7	25 29	15 21	2 57
W28	18 14	11 9	2 58	12 7	1 21	20 27	0 52	23 47	0 33	20 59	0 30	19 38	1 53	6 3	0 49	18 16	1 41	8 13	12 53	22 18	22 7	25 30	15 21	2 57
T 29	17 58	15 41	2 0	11 50	1 39	20 12	0 54	23 45	0 34	21 1	0 30	19 39	1 53	6 4	0 49	18 16	1 41	8 13	12 53	22 18	22 6	25 30	15 21	2 57
F 30	17 42	19 31	0 59	11 36	1 56	19 55	0 56	23 43	0 34	21 3	0 30	19 39	1 53	6 4	0 49	18 16	1 41	8 14	12 52	22 18	22 6	25 31	15 21	2 57
S 31	17s25	22s29	0s 5	11s27	2n14	19s39	0s58	23s41	0s35	21n 4	0n30	19s40	1n54	6n 5	0n49	18s16	1n41	8n14	12s52	22n18	22n 5	25s31	15n21	2s56

Julian Day Number = 2500122.5, Delta T = 110.74 sec
Ecliptic obliquity = 23°25'21, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°35'55, Lahiri = 25°42'56

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ASTRODIENST EPHEMERIS for the year 2133
geocentric

FEBRUARY 2133 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 45 11	12♒ 8'58	25♐17	23°R21	7♒27	10♉ 1	27°R43	7♐29	16°R26	29♏ 2	3°R43	12°R38	11♊ 2	8♉24	21♉45	S 1
M 2	8 49 8	13° 9'54	7♉ 3	22♒39	8°43	10°46	27♋36	7°34	16♍24	29° 3	3♊42	12♊34	10°59	8°30	21°45	M 2
T 3	8 53 4	14°10'50	18°52	21°47	9°58	11°30	27°28	7°38	16°22	29° 3	3°42	12°28	10°56	8°37	21°46	T 3
W 4	8 57 1	15°11'45	0♓48	20°48	11°13	12°14	27°21	7°42	16°19	29° 4	3°42	12°20	10°53	8°44	21°46	W 4
T 5	9 0 58	16°12'38	12°51	19°42	12°29	12°59	27°14	7°46	16°17	29° 5	3°42	12° 9	10°50	8°50	21°46	T 5
F 6	9 4 54	17°13'31	25° 4	18°31	13°44	13°43	27° 6	7°50	16°15	29° 6	3°41	11°56	10°47	8°57	21°47	F 6
S 7	9 8 51	18°14'22	7♈26	17°19	14°59	14°28	26°59	7°54	16°13	29° 7	3°41	11°44	10°43	9° 4	21°47	S 7
S 8	9 12 47	19°15'12	19°59	16° 6	16°15	15°12	26°52	7°57	16°11	29° 7	3°41	11°31	10°40	9°10	21°48	S 8
M 9	9 16 44	20°16'00	2♈43	14°55	17°30	15°57	26°45	8° 1	16° 8	29° 8	3°41	11°21	10°37	9°17	21°48	M 9
T 10	9 20 40	21°16'48	15°39	13°47	18°45	16°41	26°39	8° 5	16° 6	29° 9	3°41	11°13	10°34	9°24	21°49	T 10
W11	9 24 37	22°17'33	28°47	12°45	20° 0	17°26	26°32	8° 8	16° 4	29° 9	3°41	11° 8	10°31	9°30	21°50	W11
T 12	9 28 33	23°18'18	12♉ 9	11°48	21°16	18°11	26°25	8°11	16° 2	29°10	3°40	11° 6	10°28	9°37	21°50	T 12
F 13	9 32 30	24°19'00	25°48	10°59	22°31	18°55	26°19	8°15	15°59	29°11	3°40	11°D 6	10°24	9°44	21°51	F 13
S 14	9 36 26	25°19'41	9♊44	10°17	23°46	19°40	26°13	8°18	15°57	29°11	3°40	11°R 6	10°21	9°50	21°52	S 14
S 15	9 40 23	26°20'21	23°58	9°44	25° 1	20°25	26° 7	8°21	15°54	29°12	3°40	11° 5	10°18	9°57	21°53	S 15
M16	9 44 20	27°20'59	8♋28	9°18	26°17	21°10	26° 1	8°24	15°52	29°12	3°D40	11° 3	10°15	10° 4	21°54	M16
T 17	9 48 16	28°21'35	23°12	9° 0	27°32	21°54	25°55	8°27	15°50	29°13	3°40	10°58	10°12	10°10	21°55	T 17
W18	9 52 13	29°22'09	8♌ 4	8°50	28°47	22°39	25°49	8°30	15°47	29°13	3°40	10°50	10° 8	10°17	21°57	W18
T 19	9 56 9	0♓22'42	22°55	8°D47	0♓ 2	23°24	25°44	8°33	15°45	29°13	3°40	10°40	10° 5	10°24	21°58	T 19
F 20	10 0 6	1°23'13	7♍37	8°52	1°17	24° 9	25°38	8°35	15°42	29°14	3°40	10°28	10° 2	10°30	21°59	F 20
S 21	10 4 2	2°23'43	22° 2	9° 2	2°32	24°54	25°33	8°38	15°40	29°14	3°41	10°16	9°59	10°37	22° 1	S 21
S 22	10 7 59	3°24'11	6♎ 3	9°19	3°48	25°39	25°28	8°41	15°37	29°14	3°41	10° 5	9°56	10°44	22° 2	S 22
M23	10 11 55	4°24'38	19°38	9°42	5° 3	26°24	25°23	8°43	15°34	29°14	3°41	9°56	9°53	10°50	22° 4	M23
T 24	10 15 52	5°25'03	2♏45	10°10	6°18	27° 9	25°19	8°45	15°32	29°15	3°41	9°51	9°49	10°57	22° 5	T 24
W25	10 19 49	6°25'27	15°26	10°43	7°33	27°54	25°14	8°47	15°29	29°15	3°41	9°47	9°46	11° 4	22° 7	W25
T 26	10 23 45	7°25'50	27°47	11°21	8°48	28°39	25°10	8°50	15°27	29°15	3°41	9°46	9°43	11°10	22° 8	T 26
F 27	10 27 42	8°26'11	9♐51	12° 2	10° 3	29°24	25° 6	8°52	15°24	29°15	3°42	9°46	9°40	11°17	22°10	F 27
S 28	10 31 38	9♓26'32	21♐44	12♒48	11♓18	0♒ 9	25♋ 2	8♐53	15♍22	29♏15	3♊42	9♊46	9♊37	11♉24	22♉12	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 8	24s27	1s 7	11s21	2n30	19s21	1s 0	23s38	0s36	21n 6	0n30	19s40	1n54	6n 6	0n49	18s17	1n41	8n14	12s52	22n18	22n 5	25s31	15n21	2s56
M 2	16 51	25 21	2 7	11 20	2 46	19 3	1 1	23 35	0 36	21 7	0 30	19 41	1 54	6 7	0 49	18 17	1 41	8 14	12 51	22 17	22 5	25 32	15 21	2 56
T 3	16 34	25 5	3 1	11 24	3 0	18 45	1 3	23 32	0 37	21 9	0 30	19 42	1 54	6 8	0 49	18 17	1 42	8 14	12 51	22 17	22 4	25 32	15 21	2 56
W 4	16 16	23 40	3 47	11 31	3 12	18 26	1 5	23 29	0 38	21 11	0 31	19 42	1 54	6 8	0 49	18 17	1 42	8 15	12 51	22 15	22 4	25 32	15 22	2 56
T 5	15 58	21 10	4 24	11 42	3 23	18 6	1 6	23 26	0 38	21 12	0 31	19 43	1 54	6 9	0 49	18 17	1 42	8 15	12 51	22 14	22 3	25 33	15 22	2 56
F 6	15 40	17 42	4 49	11 55	3 31	17 46	1 8	23 22	0 39	21 14	0 31	19 43	1 54	6 10	0 49	18 17	1 42	8 15	12 50	22 12	22 3	25 33	15 22	2 56
S 7	15 21	13 26	5 1	12 12	3 36	17 26	1 9	23 18	0 40	21 15	0 31	19 44	1 54	6 11	0 49	18 17	1 42	8 15	12 50	22 11	22 2	25 33	15 22	2 56
S 8	15 2	8 33	4 59	12 31	3 39	17 5	1 10	23 14	0 40	21 16	0 31	19 44	1 55	6 12	0 49	18 18	1 42	8 16	12 50	22 9	22 2	25 34	15 22	2 56
M 9	14 43	3 14	4 42	12 50	3 40	16 43	1 12	23 9	0 41	21 18	0 31	19 45	1 55	6 13	0 49	18 18	1 42	8 16	12 49	22 8	22 1	25 34	15 23	2 56
T 10	14 24	2n18	4 10	13 11	3 39	16 21	1 13	23 4	0 42	21 19	0 31	19 45	1 55	6 14	0 49	18 18	1 42	8 16	12 49	22 6	22 1	25 34	15 23	2 55
W11	14 4	7 51	3 25	13 32	3 35	15 59	1 14	22 59	0 42	21 21	0 31	19 45	1 55	6 15	0 49	18 18	1 42	8 17	12 49	22 6	22 0	25 35	15 23	2 55
T 12	13 44	13 8	2 27	13 53	3 29	15 36	1 15	22 54	0 43	21 22	0 31	19 46	1 55	6 16	0 49	18 18	1 42	8 17	12 48	22 5	22 0	25 35	15 23	2 55
F 13	13 24	17 54	1 20	14 14	3 22	15 12	1 17	22 49	0 44	21 23	0 31	19 46	1 55	6 17	0 49	18 18	1 42	8 17	12 48	22 5	22 0	25 35	15 24	2 55
S 14	13 4	21 46	0 7	14 33	3 13	14 49	1 18	22 43	0 44	21 24	0 31	19 47	1 55	6 17	0 49	18 18	1 42	8 17	12 48	22 5	21 59	25 35	15 24	2 55
S 15	12 44	24 25	1n 8	14 52	3 3	14 24	1 19	22 37	0 45	21 26	0 31	19 47	1 56	6 18	0 49	18 18	1 42	8 18	12 48	22 5	21 59	25 36	15 24	2 55
M16	12 23	25 28	2 20	15 9	2 52	14 0	1 20	22 31	0 46	21 27	0 31	19 47	1 56	6 19	0 49	18 18	1 42	8 18	12 47	22 5	21 58	25 36	15 25	2 55
T 17	12 2	24 46	3 23	15 25	2 41	13 35	1 20	22 24	0 46	21 28	0 32	19 48	1 56	6 20	0 49	18 18	1 42	8 18	12 47	22 4	21 58	25 36	15 25	2 55
W18	11 41	22 19	4 13	15 39	2 29	13 10	1 21	22 18	0 47	21 29	0 32	19 48	1 56	6 21	0 49	18 18	1 42	8 19	12 47	22 3	21 57	25 36	15 26	2 55
T 19	11 20	18 22	4 47	15 51	2 16	12 44	1 22	22 11	0 48	21 30	0 32	19 48	1 56	6 22	0 49	18 18	1 42	8 19	12 46	22 2	21 57	25 37	15 26	2 55
F 20	10 58	13 21	5 0	16 3	2 4	12 18	1 23	22 4	0 49	21 31	0 32	19 48	1 56	6 23	0 49	18 18	1 42	8 19	12 46	22 0	21 56	25 37	15 26	2 54
S 21	10 37	7 40	4 54	16 12	1 51	11 52	1 23	21 56	0 49	21 32	0 32	19 49	1 56	6 24	0 49	18 18	1 43	8 19	12 46	21 58	21 56	25 37	15 27	2 54
S 22	10 15	1 44	4 31	16 20	1 38	11 25	1 24	21 49	0 50	21 33	0 32	19 49	1 57	6 25	0 49	18 18	1 43	8 20	12 45	21 57	21 55	25 37	15 27	2 54
M23	9 53	4s 5	3 52	16 26	1 25	10 58	1 25	21 41	0 51	21 34	0 32	19 49	1 57	6 26	0 49	18 18	1 43	8 20	12 45	21 56	21 55	25 37	15 28	2 54
T 24	9 31	9 33	3 2	16 31	1 13	10 31	1 25	21 33	0 51	21 35	0 32	19 49	1 57	6 27	0 49	18 18	1 43	8 20	12 45	21 55	21 54	25 38	15 28	2 54
W25	9 9	14 28	2 5	16 34	1 1	10 3	1 25	21 25	0 52	21 36	0 32	19 50	1 57	6 28	0 49	18 18	1 43	8 21	12 45	21 54	21 54	25 38	15 29	2 54
T 26	8 47	18 38	1 3	16 35	0 49	9 35	1 26	21 16	0 53	21 37	0 32	19 50	1 57	6 29	0 49	18 18	1 43	8 21	12 44	21 54	21 54	25 38	15 29	2 54
F 27	8 24	21 55	0s 0	16 35	0 37	9 7	1 26	21 8	0 53	21 38	0 32	19 50	1 57	6 30	0 49	18 18	1 43	8 21	12 44	21 54	21 53	25 38	15 30	2 54
S 28	8s 1	24s13	1s 3	16s33	0n25	8s39	1s26	20s59	0s54	21n38	0n32	19s50	1n57	6n31	0n49	18s18	1n43	8n22	12s44	21n54	21n53	25s38	15n30	2s54

Julian Day Number = 2500153.5, Delta T = 110.79 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°36'00, Lahiri = 25°43'00

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ASTRODIENST EPHEMERIS for the year 2133
geocentric

MARCH 2133 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 35	10♓26'50	3♉32	13♒37	12♓33	0♒55	24°R58	8♐55	15°R19	29°R15	3♊42	9°R44	9♊33	11♉30	22♉14	S 1
M 2	10 39 31	11°27'07	15°20	14°29	13°48	1°40	24♋54	8°57	15♍16	29♏15	3°42	9♊41	9°30	11°37	22°16	M 2
T 3	10 43 28	12°27'23	27°12	15°25	15° 3	2°25	24°51	8°59	15°14	29°15	3°43	9°34	9°27	11°44	22°18	T 3
W 4	10 47 24	13°27'37	9♒13	16°24	16°18	3°10	24°47	9° 0	15°11	29°15	3°43	9°25	9°24	11°50	22°20	W 4
T 5	10 51 21	14°27'49	21°25	17°25	17°33	3°56	24°44	9° 1	15° 8	29°15	3°43	9°13	9°21	11°57	22°22	T 5
F 6	10 55 18	15°28'00	3♓51	18°28	18°48	4°41	24°41	9° 3	15° 6	29°15	3°44	9° 0	9°18	12° 4	22°24	F 6
S 7	10 59 14	16°28'09	16°29	19°34	20° 3	5°26	24°39	9° 4	15° 3	29°14	3°44	8°46	9°14	12°10	22°26	S 7
S 8	11 3 11	17°28'16	29°21	20°43	21°18	6°12	24°36	9° 5	15° 1	29°14	3°45	8°32	9°11	12°17	22°28	S 8
M 9	11 7 7	18°28'21	12♈26	21°53	22°33	6°57	24°34	9° 6	14°58	29°14	3°45	8°21	9° 8	12°24	22°31	M 9
T 10	11 11 4	19°28'24	25°41	23° 5	23°48	7°42	24°32	9° 7	14°55	29°14	3°45	8°12	9° 5	12°30	22°33	T 10
W11	11 15 0	20°28'25	9♉ 7	24°19	25° 3	8°28	24°30	9° 8	14°53	29°13	3°46	8° 7	9° 2	12°37	22°35	W11
T 12	11 18 57	21°28'24	22°43	25°35	26°18	9°13	24°28	9° 9	14°50	29°13	3°46	8° 4	8°59	12°44	22°38	T 12
F 13	11 22 53	22°28'21	6♊28	26°53	27°32	9°59	24°26	9° 9	14°48	29°13	3°47	8°D 3	8°55	12°50	22°40	F 13
S 14	11 26 50	23°28'16	20°23	28°12	28°47	10°44	24°25	9°10	14°45	29°12	3°47	8°R 3	8°52	12°57	22°43	S 14
S 15	11 30 47	24°28'08	4♋28	29°33	0♈ 2	11°30	24°24	9°10	14°42	29°12	3°48	8° 3	8°49	13° 4	22°46	S 15
M16	11 34 43	25°27'58	18°41	0♓56	1°17	12°15	24°23	9°10	14°40	29°11	3°49	8° 1	8°46	13°10	22°48	M16
T 17	11 38 40	26°27'46	3♌ 3	2°20	2°32	13° 1	24°22	9°11	14°37	29°11	3°49	7°57	8°43	13°17	22°51	T 17
W18	11 42 36	27°27'32	17°28	3°45	3°46	13°46	24°21	9°R11	14°35	29°10	3°50	7°49	8°39	13°24	22°54	W18
T 19	11 46 33	28°27'16	1♍52	5°12	5° 1	14°32	24°21	9°11	14°32	29°10	3°50	7°40	8°36	13°30	22°57	T 19
F 20	11 50 29	29°26'57	16°10	6°40	6°16	15°17	24°21	9°10	14°30	29° 9	3°51	7°29	8°33	13°37	22°59	F 20
S 21	11 54 26	0♈26'36	0♎15	8° 9	7°30	16° 3	24°D21	9°10	14°27	29° 8	3°52	7°18	8°30	13°44	23° 2	S 21
S 22	11 58 22	1°26'13	14° 2	9°40	8°45	16°49	24°21	9°10	14°25	29° 8	3°52	7° 8	8°27	13°50	23° 5	S 22
M23	12 2 19	2°25'49	27°28	11°12	10° 0	17°34	24°21	9°10	14°22	29° 7	3°53	7° 0	8°24	13°57	23° 8	M23
T 24	12 6 16	3°25'22	10♏31	12°46	11°14	18°20	24°22	9° 9	14°20	29° 6	3°54	6°55	8°20	14° 4	23°11	T 24
W25	12 10 12	4°24'54	23°13	14°21	12°29	19° 6	24°23	9° 8	14°17	29° 6	3°55	6°51	8°17	14°10	23°14	W25
T 26	12 14 9	5°24'24	5♐35	15°57	13°43	19°51	24°24	9° 8	14°15	29° 5	3°55	6°D51	8°14	14°17	23°18	T 26
F 27	12 18 5	6°23'52	17°41	17°34	14°58	20°37	24°25	9° 7	14°13	29° 4	3°56	6°51	8°11	14°24	23°21	F 27
S 28	12 22 2	7°23'19	29°36	19°13	16°12	21°23	24°26	9° 6	14°10	29° 3	3°57	6°52	8° 8	14°30	23°24	S 28
S 29	12 25 58	8°22'43	11♑27	20°53	17°27	22° 9	24°28	9° 5	14° 8	29° 2	3°58	6°R52	8° 5	14°37	23°27	S 29
M30	12 29 55	9°22'06	23°16	22°35	18°41	22°54	24°29	9° 4	14° 6	29° 2	3°59	6°51	8° 1	14°44	23°31	M30
T 31	12 33 51	10♈21'27	5♒11	24♓18	19♈56	23♒40	24♋31	9♐ 3	14♍ 3	29♏ 1	4♊ 0	6♊47	7♊58	14♉50	23♉34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s39	25s25	2s 2	16s30	0n14	8s10	1s26	20s50	0s55	21n39	0n32	19s50	1n58	6n32	0n49	18s18	1n43	8n22	12s43	21n54	21n52	25s39	15n31	2s54
M 2	7 16	25 28	2 56	16 25	0 3	7 42	1 26	20 40	0 55	21 40	0 32	19 50	1 58	6 33	0 49	18 18	1 43	8 22	12 43	21 53	21 52	25 39	15 32	2 53
T 3	6 53	24 21	3 43	16 19	0s 7	7 13	1 26	20 31	0 56	21 40	0 32	19 50	1 58	6 34	0 49	18 18	1 43	8 23	12 43	21 52	21 51	25 39	15 32	2 53
W 4	6 30	22 7	4 20	16 11	0 17	6 44	1 26	20 21	0 56	21 41	0 32	19 50	1 58	6 35	0 49	18 18	1 43	8 23	12 42	21 51	21 51	25 39	15 33	2 53
T 5	6 7	18 51	4 46	16 2	0 27	6 14	1 26	20 11	0 57	21 42	0 32	19 50	1 58	6 36	0 49	18 18	1 43	8 24	12 42	21 49	21 50	25 39	15 33	2 53
F 6	5 44	14 44	4 59	15 51	0 36	5 45	1 26	20 1	0 58	21 42	0 32	19 51	1 58	6 37	0 49	18 18	1 43	8 24	12 42	21 47	21 50	25 39	15 34	2 53
S 7	5 20	9 53	4 57	15 39	0 45	5 15	1 26	19 51	0 58	21 43	0 32	19 51	1 59	6 38	0 49	18 18	1 43	8 24	12 42	21 45	21 49	25 39	15 35	2 53
S 8	4 57	4 33	4 41	15 26	0 54	4 45	1 25	19 40	0 59	21 43	0 32	19 51	1 59	6 39	0 49	18 17	1 43	8 25	12 41	21 43	21 49	25 40	15 35	2 53
M 9	4 33	1n 5	4 9	15 11	1 2	4 15	1 25	19 29	1 0	21 44	0 32	19 51	1 59	6 40	0 49	18 17	1 43	8 25	12 41	21 41	21 48	25 40	15 36	2 53
T 10	4 10	6 45	3 24	14 55	1 10	3 45	1 25	19 18	1 0	21 44	0 32	19 51	1 59	6 41	0 49	18 17	1 43	8 25	12 41	21 40	21 48	25 40	15 37	2 53
W11	3 46	12 12	2 27	14 37	1 17	3 15	1 24	19 7	1 1	21 44	0 32	19 51	1 59	6 42	0 49	18 17	1 44	8 26	12 40	21 39	21 47	25 40	15 37	2 53
T 12	3 23	17 9	1 20	14 18	1 24	2 45	1 24	18 56	1 2	21 45	0 33	19 50	1 59	6 43	0 49	18 17	1 44	8 26	12 40	21 38	21 47	25 40	15 38	2 53
F 13	2 59	21 14	0 8	13 58	1 31	2 15	1 23	18 44	1 2	21 45	0 33	19 50	1 59	6 44	0 49	18 17	1 44	8 26	12 40	21 38	21 46	25 40	15 39	2 53
S 14	2 35	24 9	1n 5	13 37	1 37	1 44	1 22	18 32	1 3	21 45	0 33	19 50	2 0	6 45	0 49	18 17	1 44	8 27	12 40	21 38	21 46	25 40	15 39	2 52
S 15	2 12	25 36	2 15	13 14	1 43	1 14	1 21	18 20	1 4	21 46	0 33	19 50	2 0	6 46	0 49	18 17	1 44	8 27	12 39	21 38	21 45	25 40	15 40	2 52
M16	1 48	25 23	3 18	12 50	1 49	0 44	1 21	18 8	1 4	21 46	0 33	19 50	2 0	6 47	0 49	18 16	1 44	8 28	12 39	21 38	21 45	25 40	15 41	2 52
T 17	1 24	23 29	4 8	12 24	1 54	0 13	1 20	17 56	1 5	21 46	0 33	19 50	2 0	6 48	0 49	18 16	1 44	8 28	12 39	21 37	21 44	25 40	15 42	2 52
W18	1 1	20 5	4 43	11 58	1 58	0n18	1 19	17 44	1 5	21 46	0 33	19 50	2 0	6 49	0 49	18 16	1 44	8 28	12 38	21 36	21 44	25 40	15 42	2 52
T 19	0 37	15 28	5 1	11 30	2 2	0 48	1 18	17 31	1 6	21 46	0 33	19 50	2 0	6 50	0 49	18 16	1 44	8 29	12 38	21 34	21 43	25 40	15 43	2 52
F 20	0 13	10 2	4 59	11 1	2 6	1 19	1 17	17 18	1 7	21 46	0 33	19 50	2 0	6 51	0 49	18 16	1 44	8 29	12 38	21 33	21 43	25 40	15 44	2 52
S 21	0n11	4 10	4 39	10 30	2 9	1 49	1 16	17 5	1 7	21 46	0 33	19 49	2 1	6 52	0 49	18 16	1 44	8 29	12 38	21 31	21 42	25 40	15 45	2 52
S 22	0 34	1s48	4 2	9 59	2 12	2 19	1 14	16 52	1 8	21 46	0 33	19 49	2 1	6 53	0 49	18 15	1 44	8 30	12 37	21 29	21 42	25 40	15 45	2 52
M23	0 58	7 33	3 14	9 26	2 15	2 50	1 13	16 39	1 8	21 46	0 33	19 49	2 1	6 54	0 49	18 15	1 44	8 30	12 37	21 28	21 41	25 40	15 46	2 52
T 24	1 22	12 49	2 16	8 52	2 17	3 20	1 12	16 25	1 9	21 46	0 33	19 49	2 1	6 55	0 49	18 15	1 44	8 31	12 37	21 27	21 41	25 40	15 47	2 52
W25	1 45	17 24	1 12	8 17	2 18	3 51	1 11	16 11	1 10	21 46	0 33	19 49	2 1	6 56	0 49	18 15	1 44	8 31	12 37	21 26	21 40	25 40	15 48	2 52
T 26	2 9	21 6	0 7	7 41	2 19	4 21	1 9	15 58	1 10	21 46	0 33	19 48	2 1	6 57	0 49	18 15	1 44	8 31	12 36	21 26	21 40	25 40	15 49	2 52
F 27	2 32	23 49	0s58	7 3	2 20	4 51	1 8	15 44	1 11	21 45	0 33	19 48	2 1	6 58	0 49	18 14	1 44	8 32	12 36	21 26	21 39	25 40	15 49	2 52
S 28	2 56	25 24	1 59	6 25	2 20	5 21	1 6	15 30	1 11	21 45	0 33	19 48	2 2	6 59	0 49	18 14	1 44	8 32	12 36	21 26	21 39	25 40	15 50	2 52
S 29	3 19	25 49	2 54	5 45	2 20	5 51	1 5	15 15	1 12	21 45	0 33	19 48	2 2	7 0	0 49	18 14	1 44	8 33	12 36	21 26	21 38	25 40	15 51	2 52
M30	3 43	25 4	3 42	5 4	2 19	6 21	1 3	15 1	1 13	21 45	0 33	19 47	2 2	7 0	0 49	18 14	1 44	8 33	12 35	21 26	21 38	25 40	15 52	2 52
T 31	4n 6	23s10	4s21	4s22	2s18	6n50	1s 1	14s46	1s13	21n44	0n33	19s47	2n 2	7n 1	0n49	18s13	1n44	8n33	12s35	21n26	21n37	25s40	15n53	2s52

Julian Day Number = 2500181.5, Delta T = 110.83 sec
Ecliptic obliquity = 23°25'23, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°36'03, Lahiri = 25°43'04

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ASTRODIENST EPHEMERIS for the year 2133
geocentric

APRIL 2133 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 37 48	11♈20'47	17♒16	26♓ 2	21♈10	24♒26	24♋33	9°R 1	14°R 1	29°R 0	4♊ 0	6°R42	7♊55	14♑57	23♉37	W 1
T 2	12 41 45	12°20'04	29°34	27°47	22°25	25°12	24°36	9♐ 0	13♍59	28♏59	4° 1	6♊34	7°52	15° 4	23°41	T 2
F 3	12 45 41	13°19'20	12♓ 9	29°34	23°39	25°57	24°38	8°59	13°57	28°58	4° 2	6°26	7°49	15°10	23°44	F 3
S 4	12 49 38	14°18'33	25° 0	1♈23	24°53	26°43	24°41	8°57	13°54	28°57	4° 3	6°16	7°45	15°17	23°48	S 4
S 5	12 53 34	15°17'45	8♈10	3°12	26° 8	27°29	24°44	8°55	13°52	28°56	4° 4	6° 7	7°42	15°24	23°51	S 5
M 6	12 57 31	16°16'55	21°36	5° 4	27°22	28°15	24°47	8°54	13°50	28°55	4° 5	5°59	7°39	15°30	23°55	M 6
T 7	13 1 27	17°16'02	5♉16	6°56	28°36	29° 1	24°50	8°52	13°48	28°53	4° 6	5°53	7°36	15°37	23°58	T 7
W 8	13 5 24	18°15'08	19° 7	8°50	29°51	29°47	24°53	8°50	13°46	28°52	4° 7	5°50	7°33	15°44	24° 2	W 8
T 9	13 9 20	19°14'11	3♊ 6	10°45	1♉ 5	0♓32	24°57	8°48	13°44	28°51	4° 8	5°D49	7°30	15°50	24° 5	T 9
F 10	13 13 17	20°13'13	17°11	12°42	2°19	1°18	25° 1	8°46	13°42	28°50	4° 9	5°49	7°26	15°57	24° 9	F 10
S 11	13 17 13	21°12'12	1♋19	14°40	3°33	2° 4	25° 4	8°43	13°40	28°49	4°10	5°50	7°23	16° 4	24°13	S 11
S 12	13 21 10	22°11'08	15°28	16°40	4°47	2°50	25° 8	8°41	13°38	28°48	4°11	5°R51	7°20	16°10	24°17	S 12
M13	13 25 7	23°10'03	29°37	18°41	6° 1	3°36	25°13	8°39	13°37	28°46	4°12	5°51	7°17	16°17	24°20	M13
T 14	13 29 3	24° 8'55	13♌45	20°43	7°16	4°22	25°17	8°36	13°35	28°45	4°13	5°49	7°14	16°24	24°24	T 14
W15	13 33 0	25° 7'45	27°49	22°46	8°30	5° 7	25°22	8°34	13°33	28°44	4°14	5°46	7°10	16°30	24°28	W15
T 16	13 36 56	26° 6'32	11♍47	24°50	9°44	5°53	25°26	8°31	13°31	28°43	4°15	5°41	7° 7	16°37	24°32	T 16
F 17	13 40 53	27° 5'17	25°37	26°55	10°58	6°39	25°31	8°28	13°30	28°41	4°16	5°35	7° 4	16°44	24°36	F 17
S 18	13 44 49	28° 4'00	9♎15	29° 1	12°12	7°25	25°36	8°26	13°28	28°40	4°18	5°29	7° 1	16°50	24°40	S 18
S 19	13 48 46	29° 2'41	22°38	1♉ 8	13°26	8°11	25°42	8°23	13°26	28°39	4°19	5°23	6°58	16°57	24°44	S 19
M20	13 52 42	0♉ 1'20	5♏45	3°15	14°40	8°57	25°47	8°20	13°25	28°37	4°20	5°19	6°55	17° 4	24°48	M20
T 21	13 56 39	0°59'57	18°35	5°22	15°54	9°42	25°52	8°17	13°23	28°36	4°21	5°16	6°51	17°11	24°52	T 21
W22	14 0 36	1°58'33	1♐ 8	7°29	17° 7	10°28	25°58	8°14	13°22	28°34	4°22	5°D14	6°48	17°17	24°56	W22
T 23	14 4 32	2°57'06	13°25	9°36	18°21	11°14	26° 4	8°10	13°20	28°33	4°23	5°15	6°45	17°24	25° 0	T 23
F 24	14 8 29	3°55'38	25°30	11°43	19°35	12° 0	26°10	8° 7	13°19	28°32	4°25	5°16	6°42	17°31	25° 4	F 24
S 25	14 12 25	4°54'09	7♑26	13°48	20°49	12°46	26°16	8° 4	13°18	28°30	4°26	5°18	6°39	17°37	25° 8	S 25
S 26	14 16 22	5°52'37	19°17	15°52	22° 3	13°32	26°22	8° 1	13°16	28°29	4°27	5°19	6°36	17°44	25°12	S 26
M27	14 20 18	6°51'04	1♒ 9	17°55	23°16	14°17	26°29	7°57	13°15	28°27	4°28	5°20	6°32	17°51	25°16	M27
T 28	14 24 15	7°49'30	13° 4	19°55	24°30	15° 3	26°35	7°54	13°14	28°26	4°29	5°R20	6°29	17°57	25°20	T 28
W29	14 28 11	8°47'53	25°10	21°54	25°44	15°49	26°42	7°50	13°13	28°24	4°31	5°19	6°26	18° 4	25°24	W29
T 30	14 32 8	9♉46'16	7♓30	23♉50	26♉58	16♓35	26♋49	7♐46	13♍12	28♏23	4♊32	5♊17	6♊23	18♑11	25♉28	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n29	20s14	4s49	3s40	2s16	7n20	1s 0	14s32	1s14	21n44	0n33	19s47	2n 2	7n 2	0n49	18s13	1n45	8n34	12s35	21n25	21n37	25s40	15n54	2s52
T 2	4 52	16 21	5 3	2 56	2 14	7 49	0 58	14 17	1 14	21 44	0 33	19 46	2 2	7 3	0 49	18 13	1 45	8 34	12 35	21 24	21 36	25 40	15 55	2 51
F 3	5 15	11 41	5 4	2 11	2 11	8 18	0 56	14 2	1 15	21 43	0 33	19 46	2 2	7 4	0 49	18 13	1 45	8 34	12 34	21 22	21 36	25 40	15 55	2 51
S 4	5 38	6 25	4 50	1 25	2 8	8 47	0 54	13 47	1 15	21 43	0 33	19 46	2 3	7 5	0 49	18 12	1 45	8 35	12 34	21 20	21 35	25 40	15 56	2 51
S 5	6 1	0 45	4 20	0 38	2 4	9 16	0 52	13 32	1 16	21 42	0 33	19 45	2 3	7 5	0 49	18 12	1 45	8 35	12 34	21 19	21 35	25 40	15 57	2 51
M 6	6 24	5n 5	3 35	0n10	2 0	9 45	0 51	13 16	1 16	21 42	0 33	19 45	2 3	7 6	0 49	18 12	1 45	8 36	12 34	21 17	21 34	25 40	15 58	2 51
T 7	6 47	10 48	2 37	0 59	1 56	10 13	0 49	13 1	1 17	21 41	0 33	19 44	2 3	7 7	0 49	18 12	1 45	8 36	12 33	21 16	21 34	25 40	15 59	2 51
W 8	7 9	16 4	1 29	1 49	1 50	10 41	0 47	12 45	1 18	21 40	0 33	19 44	2 3	7 8	0 49	18 11	1 45	8 36	12 33	21 16	21 33	25 40	16 0	2 51
T 9	7 32	20 31	0 15	2 39	1 45	11 9	0 44	12 30	1 18	21 40	0 33	19 44	2 3	7 8	0 49	18 11	1 45	8 37	12 33	21 16	21 33	25 40	16 1	2 51
F 10	7 54	23 49	1n 1	3 30	1 38	11 36	0 42	12 14	1 19	21 39	0 33	19 43	2 3	7 9	0 49	18 11	1 45	8 37	12 33	21 16	21 32	25 39	16 2	2 51
S 11	8 16	25 38	2 14	4 22	1 32	12 4	0 40	11 58	1 19	21 38	0 33	19 43	2 3	7 10	0 49	18 10	1 45	8 38	12 33	21 16	21 32	25 39	16 3	2 51
S 12	8 38	25 48	3 18	5 15	1 25	12 31	0 38	11 42	1 20	21 38	0 33	19 42	2 3	7 11	0 49	18 10	1 45	8 38	12 32	21 16	21 31	25 39	16 4	2 51
M13	9 0	24 17	4 10	6 8	1 17	12 57	0 36	11 26	1 20	21 37	0 33	19 42	2 4	7 11	0 49	18 10	1 45	8 38	12 32	21 16	21 31	25 39	16 4	2 51
T 14	9 22	21 16	4 47	7 1	1 9	13 24	0 34	11 9	1 21	21 36	0 33	19 41	2 4	7 12	0 49	18 10	1 45	8 39	12 32	21 16	21 30	25 39	16 5	2 51
W15	9 43	17 1	5 7	7 55	1 0	13 50	0 31	10 53	1 21	21 35	0 33	19 41	2 4	7 13	0 48	18 9	1 45	8 39	12 32	21 15	21 30	25 39	16 6	2 51
T 16	10 5	11 53	5 8	8 49	0 51	14 16	0 29	10 37	1 22	21 34	0 33	19 40	2 4	7 13	0 48	18 9	1 45	8 39	12 32	21 14	21 29	25 39	16 7	2 51
F 17	10 26	6 12	4 51	9 43	0 42	14 41	0 27	10 20	1 22	21 34	0 33	19 40	2 4	7 14	0 48	18 9	1 45	8 40	12 31	21 13	21 29	25 38	16 8	2 51
S 18	10 47	0 18	4 18	10 37	0 32	15 6	0 24	10 4	1 23	21 33	0 33	19 39	2 4	7 14	0 48	18 8	1 45	8 40	12 31	21 12	21 28	25 38	16 9	2 51
S 19	11 8	5s32	3 31	11 31	0 22	15 31	0 22	9 47	1 23	21 32	0 33	19 39	2 4	7 15	0 48	18 8	1 45	8 41	12 31	21 11	21 27	25 38	16 10	2 51
M20	11 28	11 1	2 34	12 25	0 11	15 55	0 20	9 30	1 23	21 31	0 33	19 38	2 4	7 16	0 48	18 8	1 45	8 41	12 31	21 10	21 27	25 38	16 11	2 51
T 21	11 49	15 54	1 30	13 17	0 1	16 19	0 17	9 13	1 24	21 30	0 33	19 38	2 4	7 16	0 48	18 7	1 45	8 41	12 31	21 10	21 26	25 38	16 12	2 51
W22	12 9	20 0	0 22	14 9	0n10	16 42	0 15	8 56	1 24	21 29	0 33	19 37	2 4	7 17	0 48	18 7	1 45	8 42	12 30	21 10	21 26	25 37	16 13	2 51
T 23	12 29	23 8	0s45	15 1	0 21	17 5	0 12	8 39	1 25	21 28	0 33	19 36	2 4	7 17	0 48	18 7	1 45	8 42	12 30	21 10	21 25	25 37	16 14	2 51
F 24	12 49	25 9	1 49	15 50	0 32	17 28	0 10	8 22	1 25	21 26	0 33	19 36	2 5	7 18	0 48	18 6	1 45	8 42	12 30	21 10	21 25	25 37	16 15	2 51
S 25	13 9	26 0	2 47	16 39	0 42	17 50	0 7	8 5	1 26	21 25	0 33	19 35	2 5	7 18	0 48	18 6	1 45	8 43	12 30	21 10	21 24	25 37	16 16	2 51
S 26	13 28	25 38	3 38	17 26	0 53	18 11	0 5	7 48	1 26	21 24	0 33	19 35	2 5	7 19	0 48	18 6	1 45	8 43	12 30	21 10	21 24	25 37	16 17	2 51
M27	13 48	24 7	4 20	18 11	1 4	18 33	0 2	7 31	1 26	21 23	0 33	19 34	2 5	7 19	0 48	18 5	1 45	8 44	12 30	21 11	21 23	25 36	16 18	2 51
T 28	14 7	21 31	4 51	18 54	1 14	18 53	0n 0	7 13	1 27	21 22	0 33	19 33	2 5	7 19	0 48	18 5	1 45	8 44	12 29	21 11	21 23	25 36	16 19	2 51
W29	14 25	17 58	5 9	19 34	1 24	19 14	0 3	6 56	1 27	21 20	0 33	19 33	2 5	7 20	0 48	18 5	1 45	8 44	12 29	21 10	21 22	25 36	16 19	2 51
T 30	14n44	13s36	5s14	20n13	1n33	19n33	0n 6	6s38	1s28	21n19	0n33	19s32	2n 5	7n20	0n48	18s 4	1n45	8n45	12s29	21n10	21n22	25s36	16n20	2s51

Julian Day Number = 2500212.5, Delta T = 110.89 sec
Ecliptic obliquity = 23°25'23, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°36'08, Lahiri = 25°43'08

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ASTRODIENST EPHEMERIS for the year 2133
geocentric

MAY 2133 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 36 5	10♉44'36	20♓ 7	25♉43	28♉11	17♓21	26♋56	7°R43	13°R11	28°R21	4♊33	5°R14	6♊20	18♂17	25♉32	F 1
S 2	14 40 1	11°42'55	3♈ 5	27°33	29°25	18° 6	27° 3	7♐39	13♍10	28♏20	4°34	5♊10	6°16	18°24	25°37	S 2
S 3	14 43 58	12°41'12	16°25	29°21	0♊38	18°52	27°10	7°35	13° 9	28°18	4°36	5° 7	6°13	18°31	25°41	S 3
M 4	14 47 54	13°39'28	0♉ 7	1♊ 4	1°52	19°38	27°18	7°31	13° 8	28°17	4°37	5° 4	6°10	18°37	25°45	M 4
T 5	14 51 51	14°37'42	14° 7	2°45	3° 6	20°23	27°25	7°27	13° 7	28°15	4°38	5° 2	6° 7	18°44	25°49	T 5
W 6	14 55 47	15°35'55	28°22	4°21	4°19	21° 9	27°33	7°23	13° 6	28°13	4°39	5°D 1	6° 4	18°51	25°53	W 6
T 7	14 59 44	16°34'06	12♊48	5°54	5°33	21°55	27°41	7°19	13° 5	28°12	4°41	5° 1	6° 1	18°57	25°58	T 7
F 8	15 3 40	17°32'15	27°19	7°23	6°46	22°40	27°49	7°15	13° 5	28°10	4°42	5° 2	5°57	19° 4	26° 2	F 8
S 9	15 7 37	18°30'22	11♋50	8°48	7°59	23°26	27°57	7°11	13° 4	28° 9	4°43	5° 3	5°54	19°11	26° 6	S 9
S 10	15 11 34	19°28'27	26°16	10° 9	9°13	24°12	28° 5	7° 7	13° 3	28° 7	4°45	5° 4	5°51	19°17	26°10	S 10
M11	15 15 30	20°26'30	10♌34	11°26	10°26	24°57	28°13	7° 3	13° 3	28° 6	4°46	5° 5	5°48	19°24	26°15	M11
T 12	15 19 27	21°24'32	24°40	12°38	11°40	25°43	28°22	6°59	13° 2	28° 4	4°47	5°R 5	5°45	19°31	26°19	T 12
W13	15 23 23	22°22'31	8♍34	13°47	12°53	26°28	28°30	6°55	13° 2	28° 2	4°49	5° 4	5°42	19°37	26°23	W13
T 14	15 27 20	23°20'28	22°15	14°51	14° 6	27°14	28°39	6°50	13° 2	28° 1	4°50	5° 3	5°38	19°44	26°27	T 14
F 15	15 31 16	24°18'24	5♎41	15°50	15°19	27°59	28°48	6°46	13° 1	27°59	4°51	5° 2	5°35	19°51	26°32	F 15
S 16	15 35 13	25°16'18	18°54	16°46	16°33	28°45	28°57	6°42	13° 1	27°57	4°53	5° 1	5°32	19°58	26°36	S 16
S 17	15 39 9	26°14'10	1♏53	17°36	17°46	29°30	29° 6	6°37	13° 1	27°56	4°54	5° 0	5°29	20° 4	26°40	S 17
M18	15 43 6	27°12'01	14°37	18°23	18°59	0♈16	29°15	6°33	13° 1	27°54	4°55	4°59	5°26	20°11	26°45	M18
T 19	15 47 3	28° 9'50	27° 9	19° 4	20°12	1° 1	29°24	6°29	13° 1	27°53	4°57	4°58	5°22	20°18	26°49	T 19
W20	15 50 59	29° 7'37	9♐29	19°41	21°25	1°46	29°33	6°24	13° 0	27°51	4°58	4°D58	5°19	20°24	26°53	W20
T 21	15 54 56	0♊ 5'24	21°38	20°13	22°38	2°32	29°43	6°20	13°D 0	27°49	4°59	4°59	5°16	20°31	26°57	T 21
F 22	15 58 52	1° 3'09	3♑38	20°40	23°51	3°17	29°52	6°15	13° 0	27°48	5° 1	4°59	5°13	20°38	27° 2	F 22
S 23	16 2 49	2° 0'53	15°32	21° 3	25° 4	4° 2	0♌ 2	6°11	13° 1	27°46	5° 2	4°59	5°10	20°44	27° 6	S 23
S 24	16 6 45	2°58'36	27°23	21°20	26°17	4°47	0°12	6° 7	13° 1	27°44	5° 4	5° 0	5° 7	20°51	27°10	S 24
M25	16 10 42	3°56'17	9♒15	21°33	27°30	5°33	0°21	6° 2	13° 1	27°43	5° 5	5° 0	5° 3	20°58	27°14	M25
T 26	16 14 39	4°53'58	21°11	21°41	28°43	6°18	0°31	5°58	13° 1	27°41	5° 6	5°R 0	5° 0	21° 4	27°19	T 26
W27	16 18 35	5°51'38	3♓15	21°R45	29°56	7° 3	0°41	5°53	13° 2	27°40	5° 8	5°D 0	4°57	21°11	27°23	W27
T 28	16 22 32	6°49'16	15°33	21°43	1♋ 9	7°48	0°51	5°49	13° 2	27°38	5° 9	5° 0	4°54	21°18	27°27	T 28
F 29	16 26 28	7°46'54	28° 9	21°37	2°22	8°33	1° 2	5°44	13° 2	27°36	5°10	5° 0	4°51	21°24	27°32	F 29
S 30	16 30 25	8°44'30	11♈ 6	21°27	3°34	9°18	1°12	5°40	13° 3	27°35	5°12	5° 0	4°48	21°31	27°36	S 30
S 31	16 34 21	9♊42'06	24♈27	21♊13	4♋47	10♈ 3	1♌22	5♐35	13♍ 3	27♏33	5♊13	5♊ 1	4♊44	21♂38	27♉40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 2	8s34	5s 3	20n49	1n42	19n52	0n 8	6s21	1s28	21n18	0n33	19s31	2n 5	7n21	0n48	18s 4	1n45	8n45	12s29	21n 9	21n21	25s35	16n21	2s51
S 2	15 20	3 1	4 38	21 23	1 50	20 11	0 11	6 3	1 28	21 16	0 33	19 31	2 5	7 21	0 48	18 4	1 45	8 45	12 29	21 9	21 20	25 35	16 22	2 51
S 3	15 38	2n49	3 56	21 55	1 58	20 29	0 13	5 46	1 29	21 15	0 33	19 30	2 5	7 21	0 48	18 3	1 45	8 46	12 29	21 8	21 20	25 35	16 23	2 52
M 4	15 56	8 41	3 1	22 24	2 5	20 47	0 16	5 28	1 29	21 13	0 33	19 30	2 5	7 22	0 48	18 3	1 45	8 46	12 29	21 8	21 19	25 34	16 24	2 52
T 5	16 13	14 16	1 53	22 50	2 11	21 4	0 18	5 11	1 29	21 12	0 33	19 29	2 5	7 22	0 48	18 3	1 45	8 46	12 28	21 7	21 19	25 34	16 25	2 52
W 6	16 30	19 11	0 37	23 14	2 16	21 20	0 21	4 53	1 30	21 10	0 33	19 28	2 5	7 22	0 48	18 2	1 46	8 47	12 28	21 7	21 18	25 34	16 26	2 52
T 7	16 47	23 2	0n43	23 35	2 21	21 36	0 23	4 35	1 30	21 9	0 33	19 28	2 5	7 22	0 48	18 2	1 46	8 47	12 28	21 7	21 18	25 34	16 27	2 52
F 8	17 3	25 24	2 0	23 54	2 25	21 51	0 26	4 17	1 30	21 7	0 33	19 27	2 5	7 23	0 48	18 1	1 46	8 47	12 28	21 7	21 17	25 33	16 28	2 52
S 9	17 19	26 3	3 10	24 11	2 28	22 6	0 29	4 0	1 31	21 6	0 33	19 26	2 5	7 23	0 48	18 1	1 46	8 48	12 28	21 8	21 17	25 33	16 29	2 52
S 10	17 35	24 55	4 7	24 25	2 30	22 20	0 31	3 42	1 31	21 4	0 33	19 25	2 5	7 23	0 48	18 1	1 46	8 48	12 28	21 8	21 16	25 33	16 30	2 52
M11	17 51	22 11	4 48	24 37	2 31	22 33	0 34	3 24	1 31	21 2	0 33	19 25	2 5	7 23	0 48	18 0	1 46	8 48	12 28	21 8	21 16	25 32	16 31	2 52
T 12	18 6	18 10	5 11	24 47	2 31	22 46	0 36	3 6	1 32	21 1	0 33	19 24	2 5	7 23	0 47	18 0	1 46	8 49	12 28	21 8	21 15	25 32	16 32	2 52
W13	18 21	13 13	5 16	24 55	2 30	22 58	0 39	2 48	1 32	20 59	0 33	19 23	2 5	7 24	0 47	18 0	1 46	8 49	12 28	21 8	21 14	25 32	16 33	2 52
T 14	18 36	7 42	5 2	25 1	2 28	23 10	0 41	2 31	1 32	20 57	0 33	19 23	2 5	7 24	0 47	17 59	1 46	8 49	12 28	21 8	21 14	25 31	16 33	2 52
F 15	18 50	1 55	4 32	25 5	2 25	23 20	0 44	2 13	1 32	20 55	0 33	19 22	2 5	7 24	0 47	17 59	1 46	8 50	12 27	21 7	21 13	25 31	16 34	2 52
S 16	19 4	3s52	3 48	25 7	2 22	23 30	0 46	1 55	1 33	20 54	0 33	19 21	2 5	7 24	0 47	17 59	1 46	8 50	12 27	21 7	21 13	25 30	16 35	2 52
S 17	19 18	9 24	2 53	25 7	2 17	23 40	0 48	1 37	1 33	20 52	0 33	19 21	2 5	7 24	0 47	17 58	1 46	8 50	12 27	21 7	21 12	25 30	16 36	2 52
M18	19 31	14 27	1 50	25 6	2 11	23 49	0 51	1 19	1 33	20 50	0 33	19 20	2 5	7 24	0 47	17 58	1 46	8 50	12 27	21 7	21 12	25 30	16 37	2 52
T 19	19 44	18 49	0 43	25 2	2 4	23 57	0 53	1 1	1 33	20 48	0 33	19 19	2 5	7 24	0 47	17 57	1 46	8 51	12 27	21 7	21 11	25 29	16 38	2 53
W20	19 57	22 16	0s25	24 58	1 57	24 4	0 56	0 44	1 34	20 46	0 33	19 18	2 5	7 24	0 47	17 57	1 46	8 51	12 27	21 7	21 10	25 29	16 39	2 53
T 21	20 9	24 41	1 31	24 51	1 48	24 11	0 58	0 26	1 34	20 44	0 33	19 18	2 5	7 24	0 47	17 57	1 46	8 51	12 27	21 7	21 10	25 28	16 40	2 53
F 22	20 21	25 55	2 32	24 44	1 38	24 17	1 0	0 8	1 34	20 42	0 33	19 17	2 5	7 24	0 47	17 56	1 46	8 52	12 27	21 7	21 9	25 28	16 41	2 53
S 23	20 33	25 56	3 27	24 34	1 27	24 22	1 2	0n10	1 34	20 40	0 33	19 16	2 5	7 24	0 47	17 56	1 46	8 52	12 27	21 7	21 9	25 28	16 41	2 53
S 24	20 44	24 47	4 12	24 24	1 16	24 27	1 5	0 27	1 34	20 38	0 33	19 16	2 5	7 24	0 47	17 56	1 46	8 52	12 27	21 7	21 8	25 27	16 42	2 53
M25	20 55	22 31	4 46	24 12	1 3	24 31	1 7	0 45	1 35	20 36	0 33	19 15	2 5	7 23	0 47	17 55	1 46	8 52	12 27	21 7	21 8	25 27	16 43	2 53
T 26	21 6	19 17	5 8	23 59	0 50	24 34	1 9	1 3	1 35	20 34	0 33	19 14	2 5	7 23	0 47	17 55	1 46	8 53	12 27	21 7	21 7	25 26	16 44	2 53
W27	21 16	15 14	5 17	23 45	0 35	24 36	1 11	1 21	1 35	20 32	0 33	19 13	2 5	7 23	0 47	17 55	1 46	8 53	12 27	21 7	21 6	25 26	16 45	2 53
T 28	21 26	10 29	5 12	23 30	0 20	24 38	1 13	1 38	1 35	20 29	0 33	19 13	2 5	7 23	0 47	17 54	1 46	8 53	12 27	21 7	21 6	25 25	16 46	2 53
F 29	21 36	5 12	4 52	23 14	0 4	24 39	1 15	1 56	1 35	20 27	0 33	19 12	2 5	7 23	0 47	17 54	1 45	8 53	12 27	21 7	21 5	25 25	16 47	2 54
S 30	21 45	0n27	4 17	22 57	0s12	24 40	1 17	2 13	1 35	20 25	0 33	19 11	2 5	7 23	0 47	17 54	1 45	8 54	12 27	21 7	21 5	25 24	16 47	2 54
S 31	21n53	6n16	3s27	22n39	0s29	24n39	1n19	2n31	1s35	20n23	0n33	19s11	2n 5	7n22	0n47	17s53	1n45	8n54	12s27	21n 7	21n 4	25s24	16n48	2s54

Julian Day Number = 2500242.5, Delta T = 110.93 sec
Ecliptic obliquity = 23°25'23, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°36'12, Lahiri = 25°43'12

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2133
geocentric

JUNE 2133 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 38 18	10♊39'41	8♉14	20°R55	6♋ 0	10♈48	1♌33	5°R31	13♍ 4	27°R32	5♊14	5♊ 1	4♊41	21♑44	27♉44	M 1
T 2	16 42 14	11°37'15	22°24	20♊33	7°13	11°33	1°43	5♐26	13° 5	27♏30	5°16	5° 2	4°38	21°51	27°48	T 2
W 3	16 46 11	12°34'48	6♊56	20° 8	8°25	12°18	1°54	5°22	13° 5	27°28	5°17	5°R 2	4°35	21°58	27°53	W 3
T 4	16 50 8	13°32'20	21°43	19°41	9°38	13° 2	2° 5	5°18	13° 6	27°27	5°18	5° 1	4°32	22° 5	27°57	T 4
F 5	16 54 4	14°29'51	6♋38	19°11	10°50	13°47	2°15	5°13	13° 7	27°25	5°20	5° 1	4°28	22°11	28° 1	F 5
S 6	16 58 1	15°27'21	21°34	18°39	12° 3	14°32	2°26	5° 9	13° 8	27°24	5°21	5° 0	4°25	22°18	28° 5	S 6
S 7	17 1 57	16°24'50	6♌22	18° 6	13°15	15°17	2°37	5° 5	13° 9	27°22	5°22	4°58	4°22	22°25	28° 9	S 7
M 8	17 5 54	17°22'17	20°56	17°33	14°28	16° 1	2°48	5° 0	13° 9	27°21	5°24	4°57	4°19	22°31	28°13	M 8
T 9	17 9 50	18°19'44	5♍11	16°59	15°40	16°46	2°59	4°56	13°10	27°19	5°25	4°56	4°16	22°38	28°18	T 9
W10	17 13 47	19°17'09	19° 6	16°26	16°53	17°30	3°11	4°52	13°12	27°18	5°26	4°D56	4°13	22°45	28°22	W10
T 11	17 17 43	20°14'33	2♎40	15°55	18° 5	18°14	3°22	4°47	13°13	27°16	5°28	4°56	4° 9	22°51	28°26	T 11
F 12	17 21 40	21°11'55	15°53	15°24	19°17	18°59	3°33	4°43	13°14	27°15	5°29	4°57	4° 6	22°58	28°30	F 12
S 13	17 25 37	22° 9'17	28°49	14°56	20°30	19°43	3°45	4°39	13°15	27°13	5°30	4°58	4° 3	23° 5	28°34	S 13
S 14	17 29 33	23° 6'38	11♏28	14°30	21°42	20°27	3°56	4°35	13°16	27°12	5°32	5° 0	4° 0	23°11	28°38	S 14
M15	17 33 30	24° 3'58	23°55	14° 8	22°54	21°12	4° 7	4°31	13°18	27°11	5°33	5° 1	3°57	23°18	28°42	M15
T 16	17 37 26	25° 1'17	6♐10	13°49	24° 6	21°56	4°19	4°27	13°19	27° 9	5°34	5°R 1	3°54	23°25	28°46	T 16
W17	17 41 23	25°58'35	18°17	13°33	25°18	22°40	4°31	4°23	13°20	27° 8	5°36	5° 1	3°50	23°32	28°50	W17
T 18	17 45 19	26°55'53	0♑17	13°22	26°31	23°24	4°42	4°19	13°22	27° 6	5°37	4°59	3°47	23°38	28°54	T 18
F 19	17 49 16	27°53'10	12°11	13°15	27°43	24° 8	4°54	4°15	13°23	27° 5	5°38	4°56	3°44	23°45	28°58	F 19
S 20	17 53 12	28°50'27	24° 3	13°D12	28°55	24°52	5° 6	4°11	13°25	27° 4	5°39	4°53	3°41	23°52	29° 1	S 20
S 21	17 57 9	29°47'43	5♒54	13°14	0♌ 6	25°35	5°18	4° 7	13°26	27° 2	5°41	4°49	3°38	23°58	29° 5	S 21
M22	18 1 6	0♋44'59	17°46	13°20	1°18	26°19	5°30	4° 4	13°28	27° 1	5°42	4°44	3°34	24° 5	29° 9	M22
T 23	18 5 2	1°42'15	29°43	13°31	2°30	27° 3	5°42	4° 0	13°30	27° 0	5°43	4°41	3°31	24°12	29°13	T 23
W24	18 8 59	2°39'30	11♓48	13°46	3°42	27°46	5°54	3°56	13°32	26°59	5°44	4°38	3°28	24°18	29°17	W24
T 25	18 12 55	3°36'45	24° 4	14° 7	4°54	28°30	6° 6	3°53	13°33	26°57	5°46	4°36	3°25	24°25	29°20	T 25
F 26	18 16 52	4°34'00	6♈37	14°32	6° 5	29°14	6°18	3°49	13°35	26°56	5°47	4°D36	3°22	24°32	29°24	F 26
S 27	18 20 48	5°31'15	19°30	15° 1	7°17	29°57	6°30	3°46	13°37	26°55	5°48	4°37	3°19	24°38	29°28	S 27
S 28	18 24 45	6°28'29	2♉46	15°35	8°29	0♉40	6°43	3°42	13°39	26°54	5°49	4°38	3°15	24°45	29°32	S 28
M29	18 28 41	7°25'44	16°28	16°14	9°40	1°24	6°55	3°39	13°41	26°53	5°51	4°39	3°12	24°52	29°35	M29
T 30	18 32 38	8♋22'59	0♊37	16♊57	10♌52	2♉ 7	7♌ 7	3♐36	13♍43	26♏52	5♊52	4°R40	3♊ 9	24♑59	29♉39	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 2	11n59	2s23	22n21	0s46	24n38	1n21	2n48	1s35	20n20	0n33	19s10	2n 5	7n22	0n47	17s53	1n45	8n54	12s27	21n 7	21n 4	25s23	16n49	2s54
T 2	22 10	17 14	1 9	22 2	1 3	24 36	1 23	3 6	1 36	20 18	0 33	19 9	2 5	7 22	0 47	17 53	1 45	8 54	12 27	21 7	21 3	25 23	16 50	2 54
W 3	22 17	21 38	0n11	21 43	1 21	24 34	1 24	3 23	1 36	20 16	0 33	19 8	2 4	7 21	0 47	17 52	1 45	8 55	12 27	21 7	21 2	25 22	16 51	2 54
T 4	22 25	24 41	1 31	21 24	1 38	24 30	1 26	3 41	1 36	20 13	0 33	19 8	2 4	7 21	0 46	17 52	1 45	8 55	12 27	21 7	21 2	25 22	16 51	2 54
F 5	22 31	26 2	2 46	21 4	1 55	24 26	1 28	3 58	1 36	20 11	0 33	19 7	2 4	7 21	0 46	17 52	1 45	8 55	12 27	21 7	21 1	25 21	16 52	2 54
S 6	22 38	25 29	3 50	20 45	2 12	24 22	1 30	4 15	1 36	20 9	0 33	19 6	2 4	7 20	0 46	17 51	1 45	8 55	12 27	21 7	21 1	25 21	16 53	2 55
S 7	22 44	23 9	4 38	20 26	2 28	24 16	1 31	4 32	1 36	20 6	0 33	19 6	2 4	7 20	0 46	17 51	1 45	8 55	12 27	21 7	21 0	25 20	16 54	2 55
M 8	22 49	19 21	5 7	20 7	2 44	24 10	1 33	4 49	1 36	20 4	0 33	19 5	2 4	7 20	0 46	17 51	1 45	8 56	12 27	21 7	21 0	25 20	16 55	2 55
T 9	22 55	14 30	5 16	19 49	2 59	24 4	1 34	5 6	1 36	20 1	0 33	19 4	2 4	7 19	0 46	17 50	1 45	8 56	12 27	21 6	20 59	25 19	16 55	2 55
W10	22 59	9 1	5 7	19 32	3 13	23 56	1 35	5 23	1 36	19 58	0 33	19 4	2 4	7 19	0 46	17 50	1 45	8 56	12 27	21 6	20 58	25 19	16 56	2 55
T 11	23 4	3 14	4 40	19 16	3 26	23 48	1 37	5 40	1 36	19 56	0 33	19 3	2 4	7 18	0 46	17 50	1 45	8 56	12 27	21 6	20 58	25 18	16 57	2 55
F 12	23 8	2s34	3 59	19 1	3 37	23 39	1 38	5 57	1 36	19 53	0 33	19 2	2 4	7 18	0 46	17 49	1 45	8 56	12 27	21 7	20 57	25 18	16 58	2 55
S 13	23 11	8 8	3 7	18 48	3 48	23 30	1 39	6 14	1 36	19 51	0 33	19 2	2 3	7 17	0 46	17 49	1 45	8 57	12 27	21 7	20 57	25 17	16 58	2 56
S 14	23 15	13 16	2 6	18 36	3 57	23 19	1 40	6 30	1 36	19 48	0 33	19 1	2 3	7 17	0 46	17 49	1 45	8 57	12 27	21 7	20 56	25 16	16 59	2 56
M15	23 17	17 45	1 1	18 26	4 5	23 9	1 41	6 47	1 36	19 45	0 33	19 1	2 3	7 16	0 46	17 49	1 45	8 57	12 27	21 7	20 55	25 16	17 0	2 56
T 16	23 20	21 26	0s 6	18 17	4 11	22 57	1 42	7 3	1 36	19 43	0 33	19 0	2 3	7 16	0 46	17 48	1 45	8 57	12 27	21 7	20 55	25 15	17 0	2 56
W17	23 22	24 7	1 12	18 10	4 16	22 45	1 43	7 20	1 36	19 40	0 34	18 59	2 3	7 15	0 46	17 48	1 45	8 57	12 27	21 7	20 54	25 15	17 1	2 56
T 18	23 23	25 40	2 15	18 5	4 20	22 32	1 44	7 36	1 35	19 37	0 34	18 59	2 3	7 14	0 46	17 48	1 45	8 57	12 27	21 7	20 54	25 14	17 2	2 56
F 19	23 24	26 1	3 10	18 2	4 23	22 19	1 45	7 52	1 35	19 34	0 34	18 58	2 3	7 14	0 46	17 47	1 45	8 58	12 27	21 6	20 53	25 13	17 2	2 56
S 20	23 25	25 11	3 58	18 0	4 24	22 5	1 45	8 9	1 35	19 31	0 34	18 58	2 2	7 13	0 46	17 47	1 45	8 58	12 27	21 6	20 52	25 13	17 3	2 57
S 21	23 25	23 13	4 35	18 0	4 24	21 50	1 46	8 25	1 35	19 29	0 34	18 57	2 2	7 13	0 46	17 47	1 45	8 58	12 27	21 5	20 52	25 12	17 4	2 57
M22	23 25	20 15	5 0	18 3	4 22	21 35	1 47	8 41	1 35	19 26	0 34	18 57	2 2	7 12	0 46	17 47	1 45	8 58	12 27	21 4	20 51	25 12	17 4	2 57
T 23	23 25	16 26	5 12	18 6	4 20	21 19	1 47	8 56	1 35	19 23	0 34	18 56	2 2	7 11	0 46	17 46	1 45	8 58	12 27	21 4	20 51	25 11	17 5	2 57
W24	23 24	11 55	5 11	18 12	4 17	21 3	1 47	9 12	1 35	19 20	0 34	18 56	2 2	7 11	0 46	17 46	1 45	8 58	12 28	21 3	20 50	25 10	17 6	2 57
T 25	23 22	6 52	4 55	18 18	4 12	20 46	1 48	9 28	1 35	19 17	0 34	18 55	2 2	7 10	0 46	17 46	1 45	8 58	12 28	21 3	20 49	25 10	17 6	2 58
F 26	23 21	1 27	4 26	18 27	4 7	20 29	1 48	9 43	1 34	19 14	0 34	18 55	2 2	7 9	0 46	17 46	1 45	8 58	12 28	21 3	20 49	25 9	17 7	2 58
S 27	23 18	4n11	3 42	18 36	4 0	20 11	1 48	9 59	1 34	19 11	0 34	18 54	2 1	7 8	0 46	17 45	1 45	8 59	12 28	21 3	20 48	25 8	17 8	2 58
S 28	23 16	9 50	2 46	18 47	3 53	19 52	1 48	10 14	1 34	19 8	0 34	18 54	2 1	7 8	0 46	17 45	1 45	8 59	12 28	21 3	20 48	25 8	17 8	2 58
M29	23 13	15 11	1 38	18 59	3 45	19 33	1 48	10 29	1 34	19 5	0 34	18 53	2 1	7 7	0 45	17 45	1 45	8 59	12 28	21 3	20 47	25 7	17 9	2 58
T 30	23n 9	19n54	0s22	19n12	3s36	19n14	1n48	10n44	1s33	19n 2	0n34	18s53	2n 1	7n 6	0n45	17s45	1n45	8n59	12s28	21n 3	20n46	25s 6	17n 9	2s59

Julian Day Number = 2500273.5, Delta T = 110.99 sec
Ecliptic obliquity = 23°25'23, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°36'16, Lahiri = 25°43'16

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ASTRODIENST EPHEMERIS for the year 2133
geocentric

JULY 2133 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 36 35	9♋20'14	15♊11	17♊45	12♌ 3	2♉50	7♌20	3°R32	13♍45	26°R50	5♊53	4°R40	3♊ 6	25♂ 5	29♉42	W 1
T 2	18 40 31	10°17'29	0♋ 7	18°36	13°15	3°33	7°32	3♐29	13°47	26♏49	5°54	4♊38	3° 3	25°12	29°46	T 2
F 3	18 44 28	11°14'44	15°16	19°33	14°26	4°16	7°45	3°26	13°49	26°48	5°55	4°34	3° 0	25°19	29°49	F 3
S 4	18 48 24	12°11'58	0♌29	20°33	15°38	4°59	7°57	3°23	13°52	26°47	5°56	4°30	2°56	25°25	29°53	S 4
S 5	18 52 21	13° 9'13	15°36	21°38	16°49	5°41	8°10	3°20	13°54	26°46	5°57	4°24	2°53	25°32	29°56	S 5
M 6	18 56 17	14° 6'27	0♍27	22°46	18° 0	6°24	8°22	3°17	13°56	26°45	5°59	4°19	2°50	25°39	29°59	M 6
T 7	19 0 14	15° 3'41	14°56	23°59	19°11	7° 7	8°35	3°15	13°58	26°44	6° 0	4°14	2°47	25°45	0♊ 3	T 7
W 8	19 4 11	16° 0'54	28°58	25°16	20°22	7°49	8°48	3°12	14° 1	26°43	6° 1	4°11	2°44	25°52	0° 6	W 8
T 9	19 8 7	16°58'07	12♎34	26°36	21°33	8°32	9° 0	3° 9	14° 3	26°42	6° 2	4°D10	2°40	25°59	0°10	T 9
F 10	19 12 4	17°55'20	25°44	28° 1	22°44	9°14	9°13	3° 7	14° 6	26°42	6° 3	4°10	2°37	26° 5	0°13	F 10
S 11	19 16 0	18°52'33	8♏32	29°29	23°55	9°56	9°26	3° 4	14° 8	26°41	6° 4	4°11	2°34	26°12	0°16	S 11
S 12	19 19 57	19°49'45	21° 1	1♋ 2	25° 6	10°38	9°39	3° 2	14°11	26°40	6° 5	4°13	2°31	26°19	0°19	S 12
M13	19 23 53	20°46'58	3♐16	2°37	26°17	11°20	9°51	3° 0	14°13	26°39	6° 6	4°R13	2°28	26°26	0°22	M13
T 14	19 27 50	21°44'11	15°20	4°17	27°28	12° 2	10° 4	2°58	14°16	26°38	6° 7	4°13	2°25	26°32	0°25	T 14
W15	19 31 46	22°41'23	27°17	6° 0	28°39	12°44	10°17	2°55	14°19	26°38	6° 8	4°10	2°21	26°39	0°28	W15
T 16	19 35 43	23°38'36	9♑10	7°46	29°49	13°26	10°30	2°53	14°21	26°37	6° 9	4° 5	2°18	26°46	0°31	T 16
F 17	19 39 40	24°35'49	21° 1	9°36	1♍ 0	14° 7	10°43	2°51	14°24	26°36	6°10	3°58	2°15	26°52	0°34	F 17
S 18	19 43 36	25°33'03	2♒52	11°28	2°10	14°49	10°56	2°50	14°27	26°36	6°11	3°50	2°12	26°59	0°37	S 18
S 19	19 47 33	26°30'17	14°45	13°23	3°21	15°30	11° 9	2°48	14°30	26°35	6°12	3°40	2° 9	27° 6	0°40	S 19
M20	19 51 29	27°27'31	26°41	15°21	4°31	16°12	11°22	2°46	14°32	26°34	6°13	3°30	2° 6	27°12	0°43	M20
T 21	19 55 26	28°24'45	8♓43	17°21	5°41	16°53	11°35	2°45	14°35	26°34	6°14	3°21	2° 2	27°19	0°46	T 21
W22	19 59 22	29°22'01	20°51	19°23	6°51	17°34	11°48	2°43	14°38	26°33	6°15	3°13	1°59	27°26	0°49	W22
T 23	20 3 19	0♈19'17	3♈10	21°27	8° 1	18°15	12° 1	2°42	14°41	26°33	6°15	3° 8	1°56	27°33	0°51	T 23
F 24	20 7 15	1°16'33	15°43	23°32	9°11	18°56	12°14	2°40	14°44	26°32	6°16	3° 4	1°53	27°39	0°54	F 24
S 25	20 11 12	2°13'51	28°32	25°38	10°21	19°37	12°27	2°39	14°47	26°32	6°17	3°D 3	1°50	27°46	0°56	S 25
S 26	20 15 9	3°11'09	11♉42	27°44	11°31	20°17	12°40	2°38	14°50	26°31	6°18	3° 3	1°46	27°53	0°59	S 26
M27	20 19 5	4° 8'28	25°17	29°52	12°41	20°58	12°54	2°37	14°53	26°31	6°19	3° 4	1°43	27°59	1° 1	M27
T 28	20 23 2	5° 5'49	9♊17	1♌59	13°51	21°38	13° 7	2°36	14°56	26°31	6°20	3°R 4	1°40	28° 6	1° 4	T 28
W29	20 26 58	6° 3'10	23°43	4° 6	15° 0	22°19	13°20	2°35	14°59	26°30	6°20	3° 2	1°37	28°13	1° 6	W29
T 30	20 30 55	7° 0'32	8♋33	6°13	16°10	22°59	13°33	2°34	15° 2	26°30	6°21	2°58	1°34	28°19	1° 9	T 30
F 31	20 34 51	7♌57'55	23♋40	8♌19	17♍20	23♉39	13♌46	2♐34	15♍ 6	26♏30	6♊22	2♊52	1♊31	28♂26	1♊11	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 6	23n33	0n57	19n25	3s27	18n54	1n48	10n59	1s33	18n59	0n34	18s52	2n 1	7n 5	0n45	17s44	1n45	8n59	12s28	21n 3	20n46	25s 5	17n10	2s59
T 2	23 1	25 40	2 14	19 40	3 17	18 33	1 48	11 14	1 33	18 55	0 34	18 52	2 0	7 4	0 45	17 44	1 45	8 59	12 28	21 3	20 45	25 5	17 10	2 59
F 3	22 57	25 55	3 23	19 55	3 6	18 12	1 47	11 29	1 33	18 52	0 34	18 52	2 0	7 3	0 45	17 44	1 44	8 59	12 28	21 2	20 45	25 4	17 11	2 59
S 4	22 52	24 13	4 18	20 10	2 55	17 50	1 47	11 43	1 32	18 49	0 34	18 51	2 0	7 2	0 45	17 44	1 44	8 59	12 29	21 1	20 44	25 3	17 11	2 59
S 5	22 46	20 49	4 54	20 26	2 44	17 28	1 46	11 58	1 32	18 46	0 34	18 51	2 0	7 2	0 45	17 44	1 44	8 59	12 29	21 0	20 43	25 3	17 12	3 0
M 6	22 41	16 7	5 9	20 42	2 32	17 6	1 46	12 12	1 32	18 43	0 34	18 50	2 0	7 1	0 45	17 44	1 44	8 59	12 29	20 59	20 43	25 2	17 12	3 0
T 7	22 34	10 37	5 5	20 57	2 20	16 43	1 45	12 26	1 32	18 39	0 34	18 50	1 59	7 0	0 45	17 43	1 44	8 59	12 29	20 59	20 42	25 1	17 13	3 0
W 8	22 28	4 43	4 42	21 13	2 8	16 20	1 44	12 40	1 31	18 36	0 34	18 50	1 59	6 59	0 45	17 43	1 44	8 59	12 29	20 58	20 41	25 0	17 13	3 0
T 9	22 21	1s13	4 3	21 28	1 55	15 56	1 43	12 54	1 31	18 33	0 34	18 50	1 59	6 58	0 45	17 43	1 44	8 59	12 29	20 58	20 41	25 0	17 14	3 0
F 10	22 13	6 56	3 13	21 42	1 42	15 32	1 42	13 8	1 31	18 29	0 34	18 49	1 59	6 57	0 45	17 43	1 44	8 59	12 29	20 58	20 40	24 59	17 14	3 1
S 11	22 6	12 13	2 15	21 56	1 29	15 8	1 41	13 21	1 30	18 26	0 34	18 49	1 59	6 56	0 45	17 43	1 44	8 59	12 29	20 58	20 40	24 58	17 15	3 1
S 12	21 58	16 51	1 11	22 9	1 16	14 43	1 40	13 35	1 30	18 23	0 34	18 49	1 58	6 55	0 45	17 43	1 44	8 59	12 30	20 58	20 39	24 57	17 15	3 1
M13	21 49	20 43	0 5	22 21	1 3	14 18	1 39	13 48	1 29	18 19	0 35	18 49	1 58	6 54	0 45	17 42	1 44	8 59	12 30	20 58	20 38	24 56	17 16	3 1
T 14	21 40	23 36	1s 0	22 31	0 50	13 52	1 38	14 1	1 29	18 16	0 35	18 48	1 58	6 53	0 45	17 42	1 44	8 59	12 30	20 58	20 38	24 56	17 16	3 2
W15	21 31	25 25	2 1	22 40	0 38	13 26	1 36	14 14	1 29	18 12	0 35	18 48	1 58	6 52	0 45	17 42	1 44	8 59	12 30	20 58	20 37	24 55	17 16	3 2
T 16	21 21	26 3	2 57	22 47	0 25	13 0	1 35	14 27	1 28	18 9	0 35	18 48	1 58	6 51	0 45	17 42	1 44	8 59	12 30	20 57	20 36	24 54	17 17	3 2
F 17	21 11	25 29	3 44	22 52	0 13	12 34	1 33	14 40	1 28	18 6	0 35	18 48	1 57	6 50	0 45	17 42	1 44	8 59	12 30	20 56	20 36	24 53	17 17	3 2
S 18	21 1	23 45	4 22	22 55	0 1	12 7	1 31	14 53	1 27	18 2	0 35	18 48	1 57	6 49	0 45	17 42	1 44	8 59	12 31	20 54	20 35	24 52	17 17	3 2
S 19	20 50	21 0	4 49	22 56	0n11	11 40	1 30	15 5	1 27	17 59	0 35	18 48	1 57	6 47	0 45	17 42	1 44	8 59	12 31	20 52	20 35	24 52	17 18	3 3
M20	20 39	17 21	5 3	22 55	0 22	11 13	1 28	15 18	1 26	17 55	0 35	18 47	1 57	6 46	0 45	17 42	1 44	8 59	12 31	20 50	20 34	24 51	17 18	3 3
T 21	20 28	12 59	5 4	22 51	0 33	10 45	1 26	15 30	1 26	17 51	0 35	18 47	1 56	6 45	0 45	17 42	1 44	8 59	12 31	20 49	20 33	24 50	17 18	3 3
W22	20 16	8 5	4 51	22 44	0 43	10 17	1 24	15 42	1 25	17 48	0 35	18 47	1 56	6 44	0 45	17 42	1 44	8 59	12 31	20 47	20 33	24 49	17 19	3 3
T 23	20 4	2 47	4 25	22 35	0 52	9 49	1 22	15 53	1 25	17 44	0 35	18 47	1 56	6 43	0 45	17 42	1 43	8 59	12 31	20 46	20 32	24 48	17 19	3 4
F 24	19 52	2n43	3 45	22 23	1 1	9 21	1 19	16 5	1 24	17 41	0 35	18 47	1 56	6 42	0 45	17 41	1 43	8 59	12 32	20 45	20 31	24 47	17 19	3 4
S 25	19 39	8 15	2 54	22 8	1 9	8 52	1 17	16 17	1 24	17 37	0 35	18 47	1 56	6 41	0 45	17 41	1 43	8 59	12 32	20 45	20 31	24 46	17 20	3 4
S 26	19 26	13 34	1 52	21 51	1 16	8 23	1 15	16 28	1 23	17 33	0 35	18 47	1 55	6 39	0 45	17 41	1 43	8 59	12 32	20 45	20 30	24 46	17 20	3 4
M27	19 13	18 24	0 42	21 31	1 23	7 54	1 12	16 39	1 23	17 30	0 35	18 47	1 55	6 38	0 45	17 41	1 43	8 59	12 32	20 45	20 30	24 45	17 20	3 5
T 28	18 59	22 22	0n33	21 9	1 28	7 25	1 10	16 50	1 22	17 26	0 35	18 47	1 55	6 37	0 45	17 41	1 43	8 59	12 32	20 45	20 29	24 44	17 20	3 5
W29	18 45	25 4	1 48	20 44	1 33	6 56	1 7	17 1	1 22	17 22	0 35	18 47	1 55	6 36	0 45	17 41	1 43	8 59	12 33	20 45	20 28	24 43	17 21	3 5
T 30	18 30	26 6	2 57	20 17	1 37	6 27	1 4	17 12	1 21	17 19	0 36	18 47	1 54	6 34	0 45	17 41	1 43	8 59	12 33	20 44	20 28	24 42	17 21	3 5
F 31	18n16	25n13	3n55	19n48	1n41	5n57	1n 2	17n22	1s20	17n15	0n36	18s48	1n54	6n33	0n44	17s41	1n43	8n59	12s33	20n43	20n27	24s41	17n21	3s 6

Julian Day Number = 2500303.5, Delta T = 111.04 sec
Ecliptic obliquity = 23°25'22, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°36'20, Lahiri = 25°43'21

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ASTRODIENST EPHEMERIS for the year 2133
geocentric

AUGUST 2133 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 48	8♌55'19	8♌56	10♌24	18♍29	24♉19	14♌ 0	2°R33	15♍ 9	26°R29	6♊23	2°R44	1♊27	28♂33	1♊13	S 1
S 2	20 42 44	9°52'44	24°10	12°28	19°38	24°59	14°13	2♐33	15°12	26♏29	6°23	2♊34	1°24	28°40	1°15	S 2
M 3	20 46 41	10°50'09	9♍11	14°32	20°48	25°38	14°26	2°32	15°15	26°29	6°24	2°24	1°21	28°46	1°17	M 3
T 4	20 50 38	11°47'35	23°50	16°34	21°57	26°18	14°39	2°32	15°19	26°29	6°25	2°16	1°18	28°53	1°20	T 4
W 5	20 54 34	12°45'01	8♎ 1	18°34	23° 6	26°57	14°52	2°32	15°22	26°29	6°25	2° 9	1°15	29° 0	1°22	W 5
T 6	20 58 31	13°42'28	21°42	20°33	24°15	27°36	15° 6	2°D32	15°25	26°29	6°26	2° 5	1°12	29° 6	1°23	T 6
F 7	21 2 27	14°39'56	4♏55	22°31	25°24	28°15	15°19	2°32	15°29	26°29	6°27	2° 4	1° 8	29°13	1°25	F 7
S 8	21 6 24	15°37'25	17°43	24°27	26°32	28°54	15°32	2°32	15°32	26°D29	6°27	2°D 3	1° 5	29°20	1°27	S 8
S 9	21 10 20	16°34'54	0♐ 9	26°22	27°41	29°33	15°45	2°32	15°35	26°29	6°28	2°R 3	1° 2	29°26	1°29	S 9
M10	21 14 17	17°32'24	12°20	28°15	28°49	0♊12	15°58	2°33	15°39	26°29	6°28	2° 3	0°59	29°33	1°31	M10
T 11	21 18 13	18°29'55	24°19	0♍ 7	29°58	0°50	16°12	2°33	15°42	26°29	6°29	2° 1	0°56	29°40	1°32	T 11
W12	21 22 10	19°27'27	6♋12	1°57	1♎ 6	1°29	16°25	2°34	15°46	26°29	6°29	1°57	0°52	29°47	1°34	W12
T 13	21 26 7	20°24'59	18° 2	3°46	2°14	2° 7	16°38	2°34	15°49	26°29	6°30	1°50	0°49	29°53	1°36	T 13
F 14	21 30 3	21°22'33	29°53	5°33	3°22	2°45	16°51	2°35	15°53	26°29	6°30	1°40	0°46	29°59	1°37	F 14
S 15	21 34 0	22°20'08	11♒46	7°18	4°30	3°23	17° 4	2°36	15°56	26°30	6°31	1°28	0°43	0♒ 7	1°39	S 15
S 16	21 37 56	23°17'43	23°44	9° 2	5°38	4° 0	17°18	2°37	16° 0	26°30	6°31	1°15	0°40	0°13	1°40	S 16
M17	21 41 53	24°15'20	5♓47	10°45	6°46	4°38	17°31	2°38	16° 3	26°30	6°32	1° 1	0°37	0°20	1°41	M17
T 18	21 45 49	25°12'58	17°58	12°26	7°54	5°15	17°44	2°39	16° 7	26°30	6°32	0°48	0°33	0°27	1°43	T 18
W19	21 49 46	26°10'38	0♈16	14° 5	9° 1	5°52	17°57	2°40	16°10	26°31	6°32	0°37	0°30	0°34	1°44	W19
T 20	21 53 42	27° 8'19	12°44	15°43	10° 8	6°29	18°10	2°41	16°14	26°31	6°33	0°29	0°27	0°40	1°45	T 20
F 21	21 57 39	28° 6'01	25°23	17°20	11°16	7° 6	18°23	2°43	16°18	26°31	6°33	0°24	0°24	0°47	1°46	F 21
S 22	22 1 36	29° 3'45	8♉16	18°55	12°23	7°43	18°36	2°44	16°21	26°32	6°33	0°21	0°21	0°54	1°47	S 22
S 23	22 5 32	0♍ 1'31	21°26	20°29	13°29	8°20	18°49	2°46	16°25	26°32	6°34	0°20	0°17	1° 0	1°48	S 23
M24	22 9 29	0°59'19	4♊55	22° 1	14°36	8°56	19° 3	2°47	16°29	26°33	6°34	0°20	0°14	1° 7	1°49	M24
T 25	22 13 25	1°57'08	18°46	23°32	15°43	9°32	19°16	2°49	16°32	26°33	6°34	0°19	0°11	1°14	1°50	T 25
W26	22 17 22	2°54'59	2♋59	25° 2	16°49	10° 8	19°29	2°51	16°36	26°34	6°34	0°17	0° 8	1°20	1°51	W26
T 27	22 21 18	3°52'51	17°34	26°30	17°56	10°44	19°42	2°53	16°40	26°35	6°35	0°13	0° 5	1°27	1°51	T 27
F 28	22 25 15	4°50'46	2♌27	27°56	19° 2	11°19	19°55	2°55	16°43	26°35	6°35	0° 5	0° 2	1°34	1°52	F 28
S 29	22 29 11	5°48'42	17°30	29°21	20° 8	11°55	20° 8	2°57	16°47	26°36	6°35	29♉56	29♉58	1°41	1°52	S 29
S 30	22 33 8	6°46'39	2♍35	0♎45	21°14	12°30	20°20	2°59	16°51	26°37	6°35	29°45	29°55	1°47	1°53	S 30
M31	22 37 5	7♍44'38	17♍31	2♎ 7	22♎19	13♊ 5	20♌33	3♐ 2	16♍55	26♏37	6♊35	29♉34	29♉52	1♒54	1♊53	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	18n 1	22n28	4n37	19n17	1n43	5n27	0n59	17n33	1s20	17n11	0n36	18s48	1n54	6n32	0n44	17s41	1n43	8n59	12s33	20n41	20n26	24s40	17n21	3s 6	S 1
S 2	17 46	18 9	4 59	18 44	1 45	4 57	0 56	17 43	1 19	17 7	0 36	18 48	1 54	6 31	0 44	17 41	1 43	8 59	12 33	20 40	20 26	24 39	17 21	3 6	S 2
M 3	17 30	12 46	5 1	18 9	1 46	4 27	0 53	17 53	1 18	17 4	0 36	18 48	1 53	6 29	0 44	17 41	1 43	8 59	12 33	20 38	20 25	24 38	17 22	3 7	M 3
T 4	17 14	6 46	4 42	17 33	1 46	3 57	0 49	18 3	1 18	17 0	0 36	18 48	1 53	6 28	0 44	17 41	1 43	8 59	12 34	20 36	20 24	24 37	17 22	3 7	T 4
W 5	16 58	0 35	4 6	16 56	1 46	3 27	0 46	18 13	1 17	16 56	0 36	18 48	1 53	6 27	0 44	17 41	1 43	8 58	12 34	20 35	20 24	24 36	17 22	3 7	W 5
T 6	16 42	5s25	3 17	16 17	1 45	2 56	0 43	18 22	1 16	16 52	0 36	18 49	1 53	6 25	0 44	17 41	1 43	8 58	12 34	20 34	20 23	24 35	17 22	3 7	T 6
F 7	16 25	10 58	2 19	15 38	1 43	2 26	0 40	18 32	1 16	16 49	0 36	18 49	1 53	6 24	0 44	17 41	1 43	8 58	12 34	20 34	20 22	24 34	17 22	3 8	F 7
S 8	16 8	15 54	1 15	14 57	1 41	1 56	0 36	18 41	1 15	16 45	0 36	18 49	1 52	6 23	0 44	17 41	1 43	8 58	12 35	20 34	20 22	24 33	17 22	3 8	S 8
S 9	15 51	20 0	0 10	14 16	1 39	1 25	0 33	18 50	1 14	16 41	0 36	18 49	1 52	6 22	0 44	17 42	1 42	8 58	12 35	20 34	20 21	24 32	17 22	3 8	S 9
M10	15 34	23 9	0s54	13 34	1 35	0 55	0 29	18 59	1 14	16 37	0 36	18 50	1 52	6 20	0 44	17 42	1 42	8 58	12 35	20 33	20 20	24 31	17 22	3 9	M10
T 11	15 16	25 13	1 55	12 51	1 32	0 24	0 25	19 7	1 13	16 33	0 36	18 50	1 52	6 19	0 44	17 42	1 42	8 58	12 35	20 33	20 20	24 30	17 22	3 9	T 11
W12	14 58	26 7	2 50	12 8	1 27	0s 7	0 21	19 16	1 12	16 29	0 37	18 50	1 51	6 17	0 44	17 42	1 42	8 58	12 35	20 32	20 19	24 29	17 22	3 9	W12
T 13	14 40	25 48	3 38	11 25	1 23	0 37	0 18	19 24	1 11	16 25	0 37	18 51	1 51	6 16	0 44	17 42	1 42	8 57	12 36	20 31	20 19	24 28	17 22	3 9	T 13
F 14	14 22	24 19	4 16	10 41	1 18	1 8	0 14	19 33	1 10	16 21	0 37	18 51	1 51	6 15	0 44	17 42	1 42	8 57	12 36	20 29	20 18	24 27	17 22	3 10	F 14
S 15	14 3	21 46	4 43	9 57	1 12	1 38	0 10	19 41	1 10	16 18	0 37	18 51	1 51	6 13	0 44	17 42	1 42	8 57	12 36	20 26	20 17	24 26	17 22	3 10	S 15
S 16	13 45	18 16	4 57	9 12	1 7	2 9	0 6	19 48	1 9	16 14	0 37	18 52	1 50	6 12	0 44	17 42	1 42	8 57	12 36	20 24	20 17	24 25	17 22	3 10	S 16
M17	13 26	14 0	4 59	8 28	1 0	2 40	0 2	19 56	1 8	16 10	0 37	18 52	1 50	6 11	0 44	17 42	1 42	8 57	12 37	20 21	20 16	24 24	17 22	3 11	M17
T 18	13 6	9 9	4 47	7 43	0 54	3 10	0s 3	20 4	1 7	16 6	0 37	18 53	1 50	6 9	0 44	17 42	1 42	8 57	12 37	20 18	20 15	24 23	17 22	3 11	T 18
W19	12 47	3 53	4 21	6 59	0 47	3 41	0 7	20 11	1 6	16 2	0 37	18 53	1 50	6 8	0 44	17 43	1 42	8 57	12 37	20 16	20 15	24 22	17 22	3 11	W19
T 20	12 27	1n36	3 43	6 15	0 40	4 11	0 11	20 18	1 5	15 58	0 37	18 54	1 49	6 6	0 44	17 43	1 42	8 56	12 37	20 14	20 14	24 21	17 22	3 11	T 20
F 21	12 8	7 7	2 53	5 31	0 33	4 41	0 15	20 25	1 4	15 54	0 37	18 54	1 49	6 5	0 44	17 43	1 42	8 56	12 37	20 13	20 13	24 20	17 22	3 12	F 21
S 22	11 48	12 28	1 54	4 46	0 26	5 12	0 20	20 32	1 4	15 50	0 37	18 55	1 49	6 3	0 44	17 43	1 42	8 56	12 38	20 13	20 13	24 19	17 22	3 12	S 22
S 23	11 27	17 21	0 47	4 3	0 18	5 42	0 24	20 39	1 3	15 46	0 37	18 55	1 49	6 2	0 44	17 43	1 42	8 56	12 38	20 12	20 12	24 18	17 22	3 12	S 23
M24	11 7	21 30	0n24	3 19	0 10	6 12	0 29	20 45	1 2	15 42	0 38	18 56	1 48	6 1	0 44	17 43	1 42	8 56	12 38	20 12	20 11	24 17	17 22	3 13	M24
T 25	10 46	24 32	1 36	2 36	0 2	6 42	0 33	20 52	1 1	15 38	0 38	18 56	1 48	5 59	0 44	17 44	1 42	8 55	12 38	20 12	20 11	24 16	17 22	3 13	T 25
W26	10 26	26 7	2 43	1 53	0s 6	7 11	0 38	20 58	1 0	15 34	0 38	18 57	1 48	5 58	0 44	17 44	1 41	8 55	12 39	20 12	20 10	24 15	17 22	3 13	W26
T 27	10 5	25 56	3 42	1 10	0 14	7 41	0 43	21 4	0 59	15 30	0 38	18 58	1 48	5 56	0 44	17 44	1 41	8 55	12 39	20 11	20 9	24 14	17 21	3 13	T 27
F 28	9 44	23 55	4 27	0 28	0 23	8 11	0 47	21 10	0 58	15 26	0 38	18 58	1 48	5 55	0 44	17 44	1 41	8 55	12 39	20 9	20 9	24 13	17 21	3 14	F 28
S 29	9 22	20 14	4 53	0s14	0 32	8 40	0 52	21 16	0 57	15 22	0 38	18 59	1 47	5 53	0 44	17 44	1 41	8 55	12 39	20 7	20 8	24 11	17 21	3 14	S 29
S 30	9 1	15 12	5 0	0 55	0 40	9 9	0 57	21 21	0 56	15 18	0 38	18 59	1 47	5 52	0 44	17 45	1 41	8 54	12 39	20 5	20 7	24 10	17 21	3 14	S 30
M31	8n40	9n19	4n46	1s35	0s49	9s38	1s 2	21n27	0s55	15n14	0n38	19s 0	1n47	5n50	0n44	17s45	1n41	8n54	12s40	20n 3	20n 7	24s 9	17n21	3s15	M31

Julian Day Number = 2500334.5, Delta T = 111.09 sec
Ecliptic obliquity = 23°25'23, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°36'24, Lahiri = 25°43'25

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ASTRODIENST EPHEMERIS for the year 2133
geocentric

SEPTEMBER 2133 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 1	8♍42'39	2♎ 9	3♎27	23♎25	13♊39	20♌46	3♐ 4	16♍58	26♏38	6♊35	29°R24	29♉49	2♒ 1	1♊54	T 1
W 2	22 44 58	9°40'41	16°22	4°46	24°30	14°14	20°59	3° 6	17° 2	26°39	6°36	29♉16	29°46	2° 7	1°54	W 2
T 3	22 48 54	10°38'44	0♏ 7	6° 3	25°36	14°48	21°12	3° 9	17° 6	26°40	6°36	29°11	29°43	2°14	1°54	T 3
F 4	22 52 51	11°36'49	13°24	7°19	26°40	15°22	21°25	3°12	17°10	26°41	6°36	29° 8	29°39	2°21	1°55	F 4
S 5	22 56 47	12°34'56	26°15	8°33	27°45	15°56	21°37	3°15	17°13	26°41	6°36	29°D 8	29°36	2°28	1°55	S 5
S 6	23 0 44	13°33'03	8♐43	9°45	28°50	16°29	21°50	3°17	17°17	26°42	6°R36	29°R 8	29°33	2°34	1°55	S 6
M 7	23 4 40	14°31'13	20°54	10°54	29°54	17° 3	22° 3	3°20	17°21	26°43	6°36	29° 8	29°30	2°41	1°R55	M 7
T 8	23 8 37	15°29'23	2♑54	12° 2	0♏58	17°36	22°15	3°23	17°25	26°44	6°36	29° 6	29°27	2°48	1°55	T 8
W 9	23 12 34	16°27'35	14°46	13° 8	2° 2	18° 8	22°28	3°27	17°28	26°45	6°36	29° 3	29°23	2°54	1°55	W 9
T 10	23 16 30	17°25'49	26°37	14°12	3° 6	18°41	22°41	3°30	17°32	26°46	6°36	28°57	29°20	3° 1	1°55	T 10
F 11	23 20 27	18°24'04	8♒29	15°13	4°10	19°13	22°53	3°33	17°36	26°47	6°35	28°48	29°17	3° 8	1°54	F 11
S 12	23 24 23	19°22'21	20°26	16°11	5°13	19°45	23° 6	3°36	17°40	26°48	6°35	28°38	29°14	3°14	1°54	S 12
S 13	23 28 20	20°20'39	2♓30	17° 7	6°16	20°17	23°18	3°40	17°44	26°50	6°35	28°26	29°11	3°21	1°54	S 13
M14	23 32 16	21°18'59	14°44	18° 0	7°18	20°49	23°30	3°43	17°47	26°51	6°35	28°13	29° 8	3°28	1°53	M14
T 15	23 36 13	22°17'20	27° 7	18°50	8°21	21°20	23°43	3°47	17°51	26°52	6°35	28° 2	29° 4	3°35	1°53	T 15
W16	23 40 9	23°15'44	9♈41	19°37	9°23	21°51	23°55	3°51	17°55	26°53	6°35	27°52	29° 1	3°41	1°52	W16
T 17	23 44 6	24°14'09	22°24	20°20	10°25	22°22	24° 7	3°54	17°59	26°54	6°34	27°44	28°58	3°48	1°51	T 17
F 18	23 48 2	25°12'37	5♉19	21° 0	11°27	22°52	24°20	3°58	18° 2	26°56	6°34	27°40	28°55	3°55	1°51	F 18
S 19	23 51 59	26°11'07	18°26	21°35	12°28	23°22	24°32	4° 2	18° 6	26°57	6°34	27°37	28°52	4° 1	1°50	S 19
S 20	23 55 56	27° 9'38	1♊45	22° 6	13°29	23°52	24°44	4° 6	18°10	26°58	6°34	27°D37	28°49	4° 8	1°49	S 20
M21	23 59 52	28° 8'12	15°18	22°32	14°30	24°21	24°56	4°10	18°14	27° 0	6°33	27°38	28°45	4°15	1°48	M21
T 22	0 3 49	29° 6'49	29° 6	22°53	15°30	24°50	25° 8	4°15	18°17	27° 1	6°33	27°R38	28°42	4°22	1°47	T 22
W23	0 7 45	0♎ 5'27	13♋11	23° 9	16°30	25°19	25°20	4°19	18°21	27° 2	6°33	27°37	28°39	4°28	1°46	W23
T 24	0 11 42	1° 4'08	27°30	23°19	17°30	25°48	25°32	4°23	18°25	27° 4	6°32	27°35	28°36	4°35	1°45	T 24
F 25	0 15 38	2° 2'51	12♌ 2	23°R22	18°29	26°16	25°43	4°28	18°29	27° 5	6°32	27°30	28°33	4°42	1°44	F 25
S 26	0 19 35	3° 1'36	26°42	23°19	19°28	26°44	25°55	4°32	18°32	27° 7	6°31	27°23	28°29	4°48	1°43	S 26
S 27	0 23 31	4° 0'23	11♍24	23°10	20°27	27°11	26° 7	4°37	18°36	27° 8	6°31	27°15	28°26	4°55	1°42	S 27
M28	0 27 28	4°59'12	26° 0	22°53	21°25	27°38	26°19	4°41	18°40	27°10	6°31	27° 6	28°23	5° 2	1°40	M28
T 29	0 31 25	5°58'03	10♎23	22°28	22°23	28° 5	26°30	4°46	18°43	27°11	6°30	26°58	28°20	5° 9	1°39	T 29
W30	0 35 21	6♎56'57	24♎27	21♎57	23♏20	28♊31	26♌42	4♐51	18♍47	27♏13	6♊30	26♉53	28♉17	5♒15	1♊38	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n18	3n 1	4n13	2s15	0s58	10s 7	1s 7	21n32	0s54	15n10	0n38	19s 1	1n47	5n49	0n44	17s45	1n41	8n54	12s40	20n 1	20n 6	24s 8	17n21	3s15
W 2	7 56	3s16	3 26	2 55	1 7	10 36	1 12	21 37	0 53	15 6	0 38	19 1	1 46	5 48	0 44	17 45	1 41	8 54	12 40	19 59	20 5	24 7	17 20	3 15
T 3	7 34	9 13	2 27	3 34	1 16	11 5	1 17	21 42	0 51	15 2	0 39	19 2	1 46	5 46	0 44	17 46	1 41	8 54	12 40	19 58	20 5	24 6	17 20	3 16
F 4	7 12	14 33	1 22	4 12	1 25	11 33	1 22	21 47	0 50	14 58	0 39	19 3	1 46	5 45	0 44	17 46	1 41	8 53	12 41	19 57	20 4	24 5	17 20	3 16
S 5	6 50	19 3	0 15	4 49	1 33	12 1	1 27	21 52	0 49	14 54	0 39	19 4	1 46	5 43	0 44	17 46	1 41	8 53	12 41	19 57	20 3	24 3	17 20	3 16
S 6	6 28	22 35	0s51	5 26	1 42	12 29	1 32	21 56	0 48	14 50	0 39	19 4	1 45	5 42	0 44	17 46	1 41	8 53	12 41	19 57	20 2	24 2	17 19	3 17
M 7	6 5	24 59	1 53	6 1	1 51	12 56	1 37	22 1	0 47	14 46	0 39	19 5	1 45	5 40	0 44	17 47	1 41	8 53	12 41	19 57	20 2	24 1	17 19	3 17
T 8	5 43	26 12	2 49	6 36	2 0	13 24	1 42	22 5	0 46	14 42	0 39	19 6	1 45	5 39	0 44	17 47	1 41	8 52	12 42	19 57	20 1	24 0	17 19	3 17
W 9	5 20	26 12	3 37	7 10	2 9	13 51	1 47	22 9	0 45	14 38	0 39	19 7	1 45	5 37	0 44	17 47	1 41	8 52	12 42	19 56	20 0	23 59	17 18	3 17
T 10	4 58	25 0	4 16	7 42	2 17	14 18	1 52	22 13	0 43	14 34	0 39	19 8	1 45	5 36	0 44	17 47	1 41	8 52	12 42	19 55	20 0	23 57	17 18	3 18
F 11	4 35	22 41	4 43	8 14	2 26	14 44	1 57	22 17	0 42	14 30	0 39	19 8	1 44	5 34	0 44	17 48	1 41	8 52	12 42	19 53	19 59	23 56	17 18	3 18
S 12	4 12	19 23	4 59	8 44	2 34	15 10	2 2	22 21	0 41	14 26	0 40	19 9	1 44	5 33	0 44	17 48	1 40	8 52	12 43	19 50	19 58	23 55	17 17	3 18
S 13	3 49	15 15	5 1	9 13	2 43	15 36	2 8	22 25	0 40	14 22	0 40	19 10	1 44	5 31	0 44	17 48	1 40	8 51	12 43	19 48	19 58	23 54	17 17	3 19
M14	3 26	10 27	4 49	9 41	2 51	16 2	2 13	22 28	0 38	14 18	0 40	19 11	1 44	5 30	0 44	17 49	1 40	8 51	12 43	19 45	19 57	23 53	17 17	3 19
T 15	3 3	5 11	4 24	10 7	2 58	16 27	2 18	22 31	0 37	14 14	0 40	19 12	1 44	5 28	0 44	17 49	1 40	8 51	12 43	19 42	19 56	23 51	17 16	3 19
W16	2 40	0n22	3 46	10 32	3 6	16 52	2 23	22 35	0 36	14 10	0 40	19 13	1 43	5 27	0 44	17 49	1 40	8 51	12 43	19 40	19 56	23 50	17 16	3 20
T 17	2 17	6 0	2 56	10 55	3 13	17 17	2 28	22 38	0 34	14 6	0 40	19 14	1 43	5 25	0 44	17 50	1 40	8 50	12 44	19 39	19 55	23 49	17 15	3 20
F 18	1 54	11 28	1 56	11 16	3 20	17 41	2 34	22 41	0 33	14 2	0 40	19 15	1 43	5 24	0 44	17 50	1 40	8 50	12 44	19 37	19 54	23 48	17 15	3 20
S 19	1 31	16 31	0 49	11 35	3 26	18 5	2 39	22 44	0 32	13 58	0 40	19 16	1 43	5 23	0 44	17 50	1 40	8 50	12 44	19 37	19 54	23 46	17 14	3 20
S 20	1 8	20 51	0n22	11 52	3 32	18 29	2 44	22 47	0 30	13 54	0 41	19 16	1 42	5 21	0 44	17 51	1 40	8 49	12 44	19 37	19 53	23 45	17 14	3 21
M21	0 44	24 9	1 33	12 7	3 37	18 52	2 49	22 49	0 29	13 51	0 41	19 17	1 42	5 20	0 44	17 51	1 40	8 49	12 45	19 37	19 52	23 44	17 14	3 21
T 22	0 21	26 5	2 40	12 19	3 41	19 15	2 54	22 52	0 27	13 47	0 41	19 18	1 42	5 18	0 44	17 51	1 40	8 49	12 45	19 37	19 51	23 43	17 13	3 21
W23	0s 2	26 24	3 39	12 28	3 45	19 37	2 59	22 55	0 26	13 43	0 41	19 19	1 42	5 17	0 44	17 52	1 40	8 49	12 45	19 37	19 51	23 41	17 13	3 22
T 24	0 25	24 58	4 25	12 35	3 48	19 59	3 4	22 57	0 24	13 39	0 41	19 20	1 42	5 15	0 44	17 52	1 40	8 48	12 45	19 36	19 50	23 40	17 12	3 22
F 25	0 49	21 53	4 55	12 38	3 50	20 21	3 9	22 59	0 23	13 35	0 41	19 21	1 41	5 14	0 44	17 52	1 40	8 48	12 45	19 35	19 49	23 39	17 12	3 22
S 26	1 12	17 23	5 5	12 38	3 51	20 42	3 14	23 2	0 21	13 31	0 41	19 22	1 41	5 12	0 44	17 53	1 40	8 48	12 46	19 34	19 49	23 37	17 11	3 22
S 27	1 35	11 51	4 56	12 34	3 51	21 3	3 19	23 4	0 20	13 27	0 42	19 23	1 41	5 11	0 44	17 53	1 40	8 48	12 46	19 32	19 48	23 36	17 11	3 23
M28	1 59	5 41	4 28	12 26	3 49	21 23	3 24	23 6	0 18	13 24	0 42	19 24	1 41	5 10	0 44	17 54	1 40	8 47	12 46	19 30	19 47	23 35	17 10	3 23
T 29	2 22	0s42	3 43	12 14	3 46	21 43	3 29	23 8	0 17	13 20	0 42	19 25	1 41	5 8	0 44	17 54	1 40	8 47	12 46	19 28	19 47	23 33	17 9	3 23
W30	2s45	6s55	2n45	11s58	3s42	22s 3	3s34	23n10	0s15	13n16	0n42	19s26	1n41	5n 7	0n44	17s54	1n40	8n47	12s46	19n27	19n46	23s32	17n 9	3s24

Julian Day Number = 2500365.5, Delta T = 111.14 sec
Ecliptic obliquity = 23°25'24, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°36'29, Lahiri = 25°43'29

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ASTRODIENST EPHEMERIS for the year 2133
geocentric

OCTOBER 2133 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 18	7♎55'52	8♏ 7	21°R17	24♏17	28♊57	26♌53	4♐55	18♍51	27♏14	6°R29	26°R49	28♉14	5♒22	1°R36	T 1
F 2	0 43 14	8°54'49	21°23	20♎31	25°14	29°23	27° 4	5° 0	18°54	27°16	6♊29	26°D47	28°10	5°29	1♊35	F 2
S 3	0 47 11	9°53'48	4♐15	19°38	26°10	29°48	27°16	5° 5	18°58	27°18	6°28	26♉47	28° 7	5°35	1°33	S 3
S 4	0 51 7	10°52'48	16°45	18°39	27° 5	0♋13	27°27	5°10	19° 1	27°19	6°27	26°48	28° 4	5°42	1°31	S 4
M 5	0 55 4	11°51'51	28°59	17°36	28° 0	0°37	27°38	5°15	19° 5	27°21	6°27	26°50	28° 1	5°49	1°30	M 5
T 6	0 59 0	12°50'55	11♑ 0	16°28	28°55	1° 1	27°49	5°21	19° 8	27°23	6°26	26°R50	27°58	5°56	1°28	T 6
W 7	1 2 57	13°50'01	22°54	15°19	29°49	1°24	28° 0	5°26	19°12	27°24	6°26	26°50	27°55	6° 2	1°26	W 7
T 8	1 6 54	14°49'09	4♒46	14°10	0♐42	1°47	28°11	5°31	19°16	27°26	6°25	26°48	27°51	6° 9	1°24	T 8
F 9	1 10 50	15°48'18	16°40	13° 2	1°35	2°10	28°22	5°36	19°19	27°28	6°24	26°44	27°48	6°16	1°22	F 9
S 10	1 14 47	16°47'29	28°41	11°57	2°27	2°32	28°32	5°42	19°22	27°30	6°24	26°38	27°45	6°22	1°20	S 10
S 11	1 18 43	17°46'42	10♓51	10°58	3°18	2°54	28°43	5°47	19°26	27°32	6°23	26°32	27°42	6°29	1°18	S 11
M12	1 22 40	18°45'57	23°13	10° 6	4° 9	3°15	28°54	5°53	19°29	27°33	6°22	26°25	27°39	6°36	1°16	M12
T 13	1 26 36	19°45'14	5♈49	9°22	4°59	3°36	29° 4	5°58	19°33	27°35	6°22	26°18	27°35	6°42	1°14	T 13
W14	1 30 33	20°44'33	18°40	8°48	5°49	3°56	29°14	6° 4	19°36	27°37	6°21	26°13	27°32	6°49	1°12	W14
T 15	1 34 29	21°43'53	1♉44	8°24	6°37	4°15	29°25	6°10	19°39	27°39	6°20	26° 9	27°29	6°56	1°10	T 15
F 16	1 38 26	22°43'16	15° 1	8°11	7°25	4°35	29°35	6°15	19°43	27°41	6°19	26° 6	27°26	7° 3	1° 7	F 16
S 17	1 42 23	23°42'41	28°30	8°D10	8°12	4°53	29°45	6°21	19°46	27°43	6°19	26°D 6	27°23	7° 9	1° 5	S 17
S 18	1 46 19	24°42'09	12♊10	8°19	8°58	5°11	29°55	6°27	19°49	27°45	6°18	26° 7	27°20	7°16	1° 3	S 18
M19	1 50 16	25°41'38	26° 0	8°38	9°44	5°29	0♍ 5	6°33	19°53	27°47	6°17	26° 8	27°16	7°23	1° 0	M19
T 20	1 54 12	26°41'10	9♋58	9° 8	10°28	5°46	0°15	6°39	19°56	27°49	6°16	26°10	27°13	7°29	0°58	T 20
W21	1 58 9	27°40'44	24° 3	9°47	11°11	6° 2	0°24	6°45	19°59	27°51	6°15	26°R11	27°10	7°36	0°55	W21
T 22	2 2 5	28°40'21	8♌14	10°34	11°54	6°18	0°34	6°51	20° 2	27°53	6°14	26°10	27° 7	7°43	0°53	T 22
F 23	2 6 2	29°40'00	22°30	11°29	12°35	6°33	0°43	6°57	20° 5	27°55	6°14	26° 9	27° 4	7°50	0°50	F 23
S 24	2 9 58	0♏39'41	6♍46	12°31	13°15	6°48	0°53	7° 3	20° 8	27°57	6°13	26° 6	27° 0	7°56	0°47	S 24
S 25	2 13 55	1°39'24	21° 0	13°40	13°55	7° 2	1° 2	7° 9	20°12	27°59	6°12	26° 3	26°57	8° 3	0°45	S 25
M26	2 17 52	2°39'09	5♎ 8	14°53	14°33	7°15	1°11	7°16	20°15	28° 1	6°11	25°59	26°54	8°10	0°42	M26
T 27	2 21 48	3°38'56	19° 5	16°11	15° 9	7°28	1°20	7°22	20°18	28° 3	6°10	25°56	26°51	8°16	0°39	T 27
W28	2 25 45	4°38'46	2♏47	17°33	15°45	7°39	1°29	7°28	20°21	28° 5	6° 9	25°54	26°48	8°23	0°36	W28
T 29	2 29 41	5°38'37	16°12	18°59	16°19	7°51	1°38	7°35	20°24	28° 7	6° 8	25°52	26°45	8°30	0°34	T 29
F 30	2 33 38	6°38'31	29°18	20°27	16°52	8° 1	1°47	7°41	20°26	28° 9	6° 7	25°D52	26°41	8°37	0°31	F 30
S 31	2 37 34	7♏38'26	12♐ 5	21♎57	17♐24	8♋11	1♍55	7♐47	20♍29	28♏12	6♊ 6	25♉53	26♉38	8♒43	0♊28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	3 s 9	12 s39	1n39	11 s37	3 s35	22 s22	3 s39	23n12	0 s13	13n12	0n42	19 s27	1n40	5n 5	0n44	17 s55	1n40	8n47	12 s47	19n26	19n45	23 s31	17n 8	3 s24	
F 2	3 32	17 38	0 29	11 12	3 27	22 40	3 44	23 14	0 12	13 9	0 42	19 29	1 40	5 4	0 44	17 55	1 40	8 46	12 47	19 25	19 44	23 29	17 8	3 24	
S 3	3 55	21 38	0 s40	10 43	3 17	22 59	3 48	23 15	0 10	13 5	0 42	19 30	1 40	5 3	0 44	17 56	1 39	8 46	12 47	19 26	19 44	23 28	17 7	3 24	
S 4	4 18	24 31	1 46	10 10	3 5	23 16	3 53	23 17	0 8	13 1	0 43	19 31	1 40	5 1	0 44	17 56	1 39	8 46	12 47	19 26	19 43	23 27	17 7	3 25	
M 5	4 41	26 10	2 45	9 33	2 52	23 33	3 57	23 19	0 7	12 57	0 43	19 32	1 40	5 0	0 44	17 56	1 39	8 45	12 47	19 26	19 42	23 25	17 6	3 25	
T 6	5 4	26 33	3 36	8 52	2 36	23 50	4 2	23 20	0 5	12 54	0 43	19 33	1 39	4 58	0 44	17 57	1 39	8 45	12 48	19 26	19 42	23 24	17 5	3 25	
W 7	5 27	25 42	4 17	8 10	2 19	24 6	4 6	23 22	0 3	12 50	0 43	19 34	1 39	4 57	0 44	17 57	1 39	8 45	12 48	19 26	19 41	23 22	17 5	3 26	
T 8	5 50	23 42	4 47	7 26	2 0	24 22	4 11	23 23	0 1	12 46	0 43	19 35	1 39	4 56	0 44	17 58	1 39	8 45	12 48	19 26	19 40	23 21	17 4	3 26	
F 9	6 13	20 40	5 5	6 41	1 41	24 37	4 15	23 25	0n 1	12 43	0 43	19 36	1 39	4 54	0 44	17 58	1 39	8 44	12 48	19 25	19 39	23 20	17 3	3 26	
S 10	6 36	16 45	5 9	5 58	1 21	24 52	4 19	23 26	0 2	12 39	0 44	19 37	1 39	4 53	0 44	17 59	1 39	8 44	12 48	19 23	19 39	23 18	17 3	3 26	
S 11	6 58	12 7	5 0	5 16	1 0	25 6	4 23	23 28	0 4	12 36	0 44	19 38	1 39	4 52	0 44	17 59	1 39	8 44	12 48	19 22	19 38	23 17	17 2	3 27	
M12	7 21	6 55	4 37	4 36	0 40	25 20	4 27	23 29	0 6	12 32	0 44	19 39	1 38	4 50	0 44	18 0	1 39	8 43	12 49	19 20	19 37	23 15	17 1	3 27	
T 13	7 43	1 21	4 0	4 1	0 20	25 33	4 31	23 31	0 8	12 29	0 44	19 41	1 38	4 49	0 44	18 0	1 39	8 43	12 49	19 19	19 37	23 14	17 1	3 27	
W14	8 6	4n23	3 10	3 29	0 0	25 46	4 35	23 32	0 10	12 25	0 44	19 42	1 38	4 48	0 44	18 0	1 39	8 43	12 49	19 17	19 36	23 13	17 0	3 27	
T 15	8 28	10 3	2 9	3 3	0n18	25 58	4 38	23 33	0 12	12 22	0 44	19 43	1 38	4 46	0 44	18 1	1 39	8 43	12 49	19 17	19 35	23 11	16 59	3 28	
F 16	8 50	15 22	1 0	2 42	0 35	26 10	4 42	23 35	0 14	12 18	0 45	19 44	1 38	4 45	0 44	18 1	1 39	8 42	12 49	19 16	19 34	23 10	16 59	3 28	
S 17	9 12	20 2	0n13	2 27	0 51	26 21	4 45	23 36	0 16	12 15	0 45	19 45	1 38	4 44	0 44	18 2	1 39	8 42	12 49	19 16	19 34	23 8	16 58	3 28	
S 18	9 34	23 40	1 27	2 18	1 5	26 31	4 48	23 38	0 18	12 12	0 45	19 46	1 37	4 43	0 44	18 2	1 39	8 42	12 50	19 16	19 33	23 7	16 57	3 28	
M19	9 55	25 58	2 36	2 14	1 18	26 41	4 51	23 39	0 20	12 8	0 45	19 47	1 37	4 41	0 44	18 3	1 39	8 42	12 50	19 16	19 32	23 5	16 57	3 29	
T 20	10 17	26 40	3 37	2 15	1 29	26 51	4 54	23 40	0 23	12 5	0 45	19 49	1 37	4 40	0 44	18 3	1 39	8 41	12 50	19 17	19 31	23 4	16 56	3 29	
W21	10 38	25 39	4 26	2 22	1 38	27 0	4 57	23 42	0 25	12 2	0 45	19 50	1 37	4 39	0 44	18 4	1 39	8 41	12 50	19 17	19 31	23 2	16 55	3 29	
T 22	11 0	22 59	4 58	2 33	1 46	27 8	4 59	23 43	0 27	11 59	0 46	19 51	1 37	4 38	0 45	18 4	1 39	8 41	12 50	19 17	19 30	23 1	16 54	3 29	
F 23	11 21	18 56	5 13	2 49	1 53	27 16	5 2	23 45	0 29	11 55	0 46	19 52	1 37	4 36	0 45	18 5	1 39	8 40	12 50	19 17	19 29	22 59	16 54	3 29	
S 24	11 42	13 47	5 8	3 8	1 58	27 24	5 4	23 46	0 31	11 52	0 46	19 53	1 37	4 35	0 45	18 5	1 39	8 40	12 50	19 16	19 29	22 58	16 53	3 30	
S 25	12 3	7 55	4 44	3 31	2 1	27 31	5 6	23 48	0 34	11 49	0 46	19 54	1 36	4 34	0 45	18 6	1 39	8 40	12 51	19 15	19 28	22 56	16 52	3 30	
M26	12 23	1 41	4 4	3 57	2 4	27 37	5 7	23 50	0 36	11 46	0 46	19 55	1 36	4 33	0 45	18 6	1 39	8 40	12 51	19 14	19 27	22 55	16 51	3 30	
T 27	12 43	4 s33	3 9	4 26	2 5	27 43	5 9	23 51	0 38	11 43	0 47	19 57	1 36	4 32	0 45	18 7	1 39	8 39	12 51	19 14	19 26	22 53	16 51	3 30	
W28	13 4	10 30	2 4	4 57	2 6	27 48	5 10	23 53	0 41	11 40	0 47	19 58	1 36	4 30	0 45	18 7	1 39	8 39	12 51	19 13	19 26	22 52	16 50	3 31	
T 29	13 24	15 50	0 53	5 30	2 5	27 53	5 11	23 55	0 43	11 37	0 47	19 59	1 36	4 29	0 45	18 8	1 39	8 39	12 51	19 13	19 25	22 50	16 49	3 31	
F 30	13 43	20 18	0 s19	6 4	2 4	27 57	5 12	23 57	0 46	11 34	0 47	20 0	1 36	4 28	0 45	18 8	1 39	8 39	12 51	19 13	19 24	22 49	16 48	3 31	
S 31	14 s 3	23 s41	1 s28	6 s40	2n 2	28 s 1	5 s13	23n58	0n48	11n31	0n47	20 s 1	1n36	4n27	0n45	18 s 9	1n39	8n38	12 s51	19n13	19n23	22 s47	16n48	3 s31	

Julian Day Number = 2500395.5, Delta T = 111.19 sec
Ecliptic obliquity = 23°25'24, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°36'33, Lahiri = 25°43'33

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2133
geocentric

NOVEMBER 2133 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 31	8♏38'23	24♐34	23♎29	17♐54	8♋20	2♍ 4	7♐54	20♍32	28♏14	6°R 5	25♉54	26♉35	8♒50	0°R25	S 1
M 2	2 45 27	9°38'22	6♑48	25° 3	18°22	8°29	2°12	8° 0	20°35	28°16	6♊ 4	25°55	26°32	8°57	0♊22	M 2
T 3	2 49 24	10°38'22	18°50	26°38	18°49	8°36	2°20	8° 7	20°38	28°18	6° 3	25°57	26°29	9° 4	0°19	T 3
W 4	2 53 21	11°38'24	0♒46	28°14	19°14	8°43	2°29	8°14	20°40	28°20	6° 2	25°58	26°26	9°10	0°16	W 4
T 5	2 57 17	12°38'28	12°38	29°51	19°38	8°49	2°37	8°20	20°43	28°22	6° 1	25°R58	26°22	9°17	0°13	T 5
F 6	3 1 14	13°38'33	24°32	1♏28	19°59	8°55	2°44	8°27	20°46	28°25	6° 0	25°58	26°19	9°24	0°10	F 6
S 7	3 5 10	14°38'39	6♓33	3° 5	20°19	8°59	2°52	8°34	20°48	28°27	5°59	25°57	26°16	9°30	0° 7	S 7
S 8	3 9 7	15°38'47	18°45	4°43	20°37	9° 3	3° 0	8°40	20°51	28°29	5°58	25°56	26°13	9°37	0° 4	S 8
M 9	3 13 3	16°38'57	1♈11	6°21	20°52	9° 6	3° 7	8°47	20°53	28°31	5°57	25°54	26°10	9°44	0° 1	M 9
T 10	3 17 0	17°39'08	13°55	7°59	21° 6	9° 8	3°14	8°54	20°56	28°33	5°56	25°53	26° 6	9°51	29♉57	T 10
W11	3 20 56	18°39'21	26°58	9°37	21°18	9° 9	3°21	9° 1	20°58	28°36	5°55	25°52	26° 3	9°57	29°54	W11
T 12	3 24 53	19°39'36	10♉20	11°15	21°27	9°R10	3°28	9° 7	21° 1	28°38	5°54	25°52	26° 0	10° 4	29°51	T 12
F 13	3 28 49	20°39'52	24° 1	12°52	21°34	9° 9	3°35	9°14	21° 3	28°40	5°53	25°D51	25°57	10°11	29°48	F 13
S 14	3 32 46	21°40'10	7♊57	14°30	21°39	9° 8	3°42	9°21	21° 5	28°42	5°52	25°51	25°54	10°17	29°45	S 14
S 15	3 36 43	22°40'30	22° 5	16° 7	21°42	9° 6	3°49	9°28	21° 8	28°45	5°51	25°52	25°51	10°24	29°42	S 15
M16	3 40 39	23°40'52	6♋22	17°44	21°R42	9° 3	3°55	9°35	21°10	28°47	5°49	25°52	25°47	10°31	29°38	M16
T 17	3 44 36	24°41'15	20°42	19°21	21°40	8°59	4° 1	9°42	21°12	28°49	5°48	25°52	25°44	10°38	29°35	T 17
W18	3 48 32	25°41'41	5♌ 2	20°57	21°35	8°55	4° 7	9°49	21°14	28°51	5°47	25°R52	25°41	10°44	29°32	W18
T 19	3 52 29	26°42'08	19°18	22°34	21°28	8°49	4°13	9°56	21°16	28°54	5°46	25°52	25°38	10°51	29°29	T 19
F 20	3 56 25	27°42'37	3♍28	24°10	21°19	8°43	4°19	10° 3	21°18	28°56	5°45	25°D52	25°35	10°58	29°25	F 20
S 21	4 0 22	28°43'08	17°29	25°46	21° 7	8°36	4°25	10°10	21°20	28°58	5°44	25°52	25°32	11° 4	29°22	S 21
S 22	4 4 19	29°43'41	1♎21	27°21	20°52	8°27	4°30	10°17	21°22	29° 0	5°43	25°53	25°28	11°11	29°19	S 22
M23	4 8 15	0♐44'15	15° 1	28°56	20°36	8°18	4°36	10°24	21°24	29° 3	5°42	25°53	25°25	11°18	29°16	M23
T 24	4 12 12	1°44'51	28°29	0♐32	20°16	8° 8	4°41	10°31	21°26	29° 5	5°40	25°54	25°22	11°25	29°12	T 24
W25	4 16 8	2°45'29	11♏45	2° 7	19°55	7°57	4°46	10°38	21°28	29° 7	5°39	25°54	25°19	11°31	29° 9	W25
T 26	4 20 5	3°46'08	24°47	3°41	19°32	7°46	4°51	10°45	21°30	29° 9	5°38	25°R54	25°16	11°38	29° 6	T 26
F 27	4 24 1	4°46'49	7♐36	5°16	19° 6	7°33	4°55	10°52	21°31	29°12	5°37	25°54	25°12	11°45	29° 3	F 27
S 28	4 27 58	5°47'32	20°11	6°50	18°39	7°20	5° 0	10°59	21°33	29°14	5°36	25°53	25° 9	11°51	28°59	S 28
S 29	4 31 54	6°48'15	2♑33	8°25	18° 9	7° 6	5° 4	11° 6	21°35	29°16	5°35	25°52	25° 6	11°58	28°56	S 29
M30	4 35 51	7♐49'00	14♑43	9♐59	17♐38	6♋51	5♍ 8	11♐13	21♍36	29♏18	5♊34	25♉50	25♉ 3	12♒ 5	28♉53	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	14s22	25s50	2s32	7s16	1n59	28s 4	5s13	24n 0	0n51	11n28	0n48	20s 2	1n36	4n26	0n45	18s 9	1n39	8n38	12s51	19n13	19n23	22s46	16n47	3s31	
M 2	14 41	26 42	3 27	7 53	1 56	28 6	5 13	24 2	0 53	11 26	0 48	20 4	1 35	4 25	0 45	18 10	1 39	8 38	12 51	19 13	19 22	22 44	16 46	3 31	
T 3	15 0	26 16	4 12	8 31	1 52	28 8	5 12	24 4	0 56	11 23	0 48	20 5	1 35	4 24	0 45	18 10	1 39	8 38	12 51	19 14	19 21	22 43	16 45	3 32	
W 4	15 19	24 38	4 46	9 10	1 48	28 10	5 12	24 7	0 59	11 20	0 48	20 6	1 35	4 23	0 45	18 11	1 38	8 37	12 52	19 14	19 21	22 41	16 44	3 32	
T 5	15 37	21 55	5 8	9 48	1 43	28 11	5 11	24 9	1 1	11 17	0 48	20 7	1 35	4 22	0 45	18 11	1 38	8 37	12 52	19 14	19 20	22 40	16 44	3 32	
F 6	15 55	18 18	5 16	10 27	1 38	28 11	5 9	24 11	1 4	11 15	0 49	20 8	1 35	4 21	0 45	18 12	1 38	8 37	12 52	19 14	19 19	22 38	16 43	3 32	
S 7	16 13	13 55	5 11	11 5	1 33	28 11	5 8	24 14	1 7	11 12	0 49	20 9	1 35	4 20	0 45	18 12	1 38	8 37	12 52	19 14	19 18	22 36	16 42	3 32	
S 8	16 31	8 55	4 52	11 43	1 27	28 10	5 5	24 16	1 9	11 10	0 49	20 10	1 35	4 19	0 45	18 12	1 38	8 36	12 52	19 13	19 18	22 35	16 41	3 32	
M 9	16 48	3 29	4 19	12 21	1 21	28 9	5 3	24 19	1 12	11 7	0 49	20 12	1 35	4 18	0 45	18 13	1 38	8 36	12 52	19 13	19 17	22 33	16 40	3 33	
T 10	17 5	2n14	3 32	12 59	1 15	28 7	5 0	24 21	1 15	11 5	0 49	20 13	1 35	4 17	0 45	18 13	1 38	8 36	12 52	19 13	19 16	22 32	16 40	3 33	
W11	17 22	8 0	2 33	13 36	1 9	28 4	4 56	24 24	1 18	11 2	0 50	20 14	1 34	4 16	0 45	18 14	1 38	8 36	12 52	19 13	19 15	22 30	16 39	3 33	
T 12	17 38	13 34	1 25	14 12	1 2	28 1	4 52	24 27	1 21	11 0	0 50	20 15	1 34	4 15	0 45	18 14	1 38	8 36	12 52	19 13	19 15	22 28	16 38	3 33	
F 13	17 54	18 36	0 10	14 48	0 56	27 57	4 48	24 30	1 23	10 58	0 50	20 16	1 34	4 14	0 45	18 15	1 38	8 35	12 52	19 12	19 14	22 27	16 37	3 33	
S 14	18 10	22 43	1n 7	15 24	0 49	27 52	4 43	24 33	1 26	10 56	0 50	20 17	1 34	4 13	0 45	18 15	1 38	8 35	12 52	19 13	19 13	22 25	16 36	3 33	
S 15	18 26	25 31	2 20	15 58	0 42	27 47	4 38	24 36	1 29	10 53	0 51	20 18	1 34	4 12	0 45	18 16	1 38	8 35	12 52	19 13	19 12	22 23	16 36	3 33	
M16	18 41	26 42	3 26	16 32	0 36	27 41	4 32	24 39	1 32	10 51	0 51	20 19	1 34	4 12	0 45	18 16	1 38	8 35	12 52	19 13	19 12	22 22	16 35	3 34	
T 17	18 56	26 6	4 19	17 5	0 29	27 34	4 25	24 42	1 35	10 49	0 51	20 21	1 34	4 11	0 45	18 17	1 38	8 34	12 52	19 13	19 11	22 20	16 34	3 34	
W18	19 10	23 47	4 56	17 38	0 22	27 27	4 18	24 45	1 38	10 47	0 51	20 22	1 34	4 10	0 45	18 17	1 38	8 34	12 52	19 13	19 10	22 19	16 33	3 34	
T 19	19 24	20 0	5 15	18 9	0 15	27 19	4 11	24 49	1 41	10 45	0 51	20 23	1 34	4 9	0 45	18 18	1 38	8 34	12 52	19 13	19 9	22 17	16 32	3 34	
F 20	19 38	15 6	5 14	18 40	0 8	27 10	4 3	24 52	1 44	10 43	0 52	20 24	1 34	4 8	0 45	18 18	1 38	8 34	12 52	19 13	19 9	22 15	16 32	3 34	
S 21	19 52	9 28	4 55	19 10	0 2	27 1	3 54	24 56	1 47	10 41	0 52	20 25	1 34	4 8	0 45	18 19	1 38	8 34	12 52	19 13	19 8	22 14	16 31	3 34	
S 22	20 5	3 25	4 18	19 38	0s 5	26 50	3 44	24 59	1 50	10 40	0 52	20 26	1 33	4 7	0 46	18 19	1 38	8 34	12 52	19 13	19 7	22 12	16 30	3 34	
M23	20 17	2s43	3 28	20 6	0 12	26 39	3 34	25 3	1 53	10 38	0 52	20 27	1 33	4 6	0 46	18 20	1 38	8 33	12 52	19 13	19 6	22 10	16 29	3 34	
T 24	20 30	8 39	2 26	20 33	0 19	26 27	3 24	25 6	1 56	10 36	0 53	20 28	1 33	4 6	0 46	18 20	1 38	8 33	12 52	19 13	19 6	22 8	16 29	3 34	
W25	20 42	14 7	1 18	20 59	0 25	26 15	3 13	25 10	1 59	10 35	0 53	20 29	1 33	4 5	0 46	18 21	1 38	8 33	12 52	19 13	19 5	22 7	16 28	3 34	
T 26	20 53	18 51	0 6	21 24	0 32	26 1	3 1	25 14	2 2	10 33	0 53	20 30	1 33	4 4	0 46	18 21	1 38	8 33	12 52	19 13	19 4	22 5	16 27	3 35	
F 27	21 5	22 37	1s 4	21 47	0 38	25 47	2 49	25 18	2 5	10 32	0 53	20 31	1 33	4 4	0 46	18 22	1 38	8 33	12 52	19 13	19 3	22 3	16 26	3 35	
S 28	21 15	25 14	2 10	22 10	0 44	25 32	2 36	25 21	2 8	10 30	0 54	20 32	1 33	4 3	0 46	18 22	1 38	8 33	12 52	19 13	19 2	22 2	16 26	3 35	
S 29	21 26	26 33	3 9	22 32	0 51	25 16	2 23	25 25	2 11	10 29	0 54	20 33	1 33	4 2	0 46	18 23	1 38	8 32	12 52	19 13	19 2	22 0	16 25	3 35	
M30	21s36	26s33	3s58	22s52	0s57	24s59	2s 9	25n29	2n14	10n28	0n54	20s34	1n33	4n 2	0n46	18s23	1n38	8n32	12s52	19n12	19n 1	21s58	16n24	3s35	

Julian Day Number = 2500426.5, Delta T = 111.24 sec
Ecliptic obliquity = 23°25'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°36'37, Lahiri = 25°43'38

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ASTRODIENST EPHEMERIS for the year 2133
geocentric

DECEMBER 2133 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 48	8♐49'46	26♉44	11♐33	17°R 6	6°R35	5♍12	11♐20	21♍38	29♏21	5°R33	25°R48	25♉ 0	12♒12	28°R50	T 1
W 2	4 43 44	9°50'33	8♒39	13° 7	16♐32	6♋19	5°16	11°27	21°39	29°23	5♊31	25♉46	24°57	12°18	28♉47	W 2
T 3	4 47 41	10°51'20	20°31	14°41	15°57	6° 2	5°20	11°35	21°40	29°25	5°30	25°45	24°53	12°25	28°43	T 3
F 4	4 51 37	11°52'09	2♓23	16°15	15°22	5°44	5°23	11°42	21°42	29°27	5°29	25°44	24°50	12°32	28°40	F 4
S 5	4 55 34	12°52'59	14°22	17°49	14°46	5°25	5°27	11°49	21°43	29°29	5°28	25°D43	24°47	12°39	28°37	S 5
S 6	4 59 30	13°53'49	26°30	19°22	14° 9	5° 6	5°30	11°56	21°44	29°32	5°27	25°44	24°44	12°45	28°34	S 6
M 7	5 3 27	14°54'41	8♈54	20°56	13°33	4°46	5°32	12° 3	21°45	29°34	5°26	25°45	24°41	12°52	28°31	M 7
T 8	5 7 23	15°55'33	21°38	22°30	12°57	4°26	5°35	12°10	21°47	29°36	5°25	25°47	24°38	12°59	28°28	T 8
W 9	5 11 20	16°56'26	4♉44	24° 4	12°21	4° 5	5°38	12°17	21°48	29°38	5°24	25°48	24°34	13° 5	28°25	W 9
T 10	5 15 17	17°57'19	18°14	25°37	11°46	3°44	5°40	12°24	21°49	29°40	5°22	25°49	24°31	13°12	28°22	T 10
F 11	5 19 13	18°58'14	2♊ 9	27°11	11°11	3°22	5°42	12°31	21°50	29°43	5°21	25°R49	24°28	13°19	28°19	F 11
S 12	5 23 10	19°59'10	16°27	28°45	10°38	3° 0	5°44	12°38	21°50	29°45	5°20	25°48	24°25	13°26	28°16	S 12
S 13	5 27 6	21° 0'06	1♋ 2	0♉18	10° 7	2°38	5°46	12°45	21°51	29°47	5°19	25°46	24°22	13°32	28°13	S 13
M14	5 31 3	22° 1'03	15°49	1°52	9°36	2°15	5°48	12°53	21°52	29°49	5°18	25°42	24°18	13°39	28°10	M14
T 15	5 34 59	23° 2'02	0♌38	3°26	9° 8	1°52	5°49	13° 0	21°53	29°51	5°17	25°38	24°15	13°46	28° 7	T 15
W16	5 38 56	24° 3'01	15°23	4°59	8°42	1°29	5°50	13° 7	21°53	29°53	5°16	25°34	24°12	13°52	28° 4	W16
T 17	5 42 53	25° 4'02	29°57	6°33	8°17	1° 5	5°51	13°14	21°54	29°55	5°15	25°31	24° 9	13°59	28° 1	T 17
F 18	5 46 49	26° 5'03	14♍15	8° 6	7°55	0°42	5°52	13°21	21°55	29°57	5°14	25°29	24° 6	14° 6	27°59	F 18
S 19	5 50 46	27° 6'05	28°15	9°40	7°35	0°18	5°53	13°28	21°55	29°59	5°13	25°D28	24° 3	14°13	27°56	S 19
S 20	5 54 42	28° 7'08	11♎56	11°13	7°18	29♊55	5°53	13°35	21°56	0♐ 1	5°12	25°29	23°59	14°19	27°53	S 20
M21	5 58 39	29° 8'12	25°19	12°46	7° 3	29°31	5°53	13°41	21°56	0° 3	5°11	25°31	23°56	14°26	27°50	M21
T 22	6 2 35	0♑ 9'17	8♏26	14°19	6°50	29° 8	5°R53	13°48	21°56	0° 6	5°10	25°32	23°53	14°33	27°48	T 22
W23	6 6 32	1°10'23	21°19	15°51	6°40	28°44	5°53	13°55	21°57	0° 8	5° 9	25°R33	23°50	14°40	27°45	W23
T 24	6 10 28	2°11'30	3♐59	17°23	6°33	28°21	5°53	14° 2	21°57	0°10	5° 8	25°33	23°47	14°46	27°43	T 24
F 25	6 14 25	3°12'37	16°28	18°54	6°27	27°58	5°52	14° 9	21°57	0°11	5° 7	25°31	23°44	14°53	27°40	F 25
S 26	6 18 22	4°13'45	28°48	20°24	6°25	27°35	5°52	14°16	21°57	0°13	5° 6	25°27	23°40	15° 0	27°38	S 26
S 27	6 22 18	5°14'53	10♑59	21°54	6°D25	27°13	5°51	14°23	21°R57	0°15	5° 5	25°21	23°37	15° 6	27°35	S 27
M28	6 26 15	6°16'02	23° 3	23°22	6°27	26°51	5°50	14°30	21°57	0°17	5° 4	25°13	23°34	15°13	27°33	M28
T 29	6 30 11	7°17'11	5♒ 0	24°49	6°31	26°30	5°48	14°36	21°57	0°19	5° 3	25° 5	23°31	15°20	27°31	T 29
W30	6 34 8	8°18'20	16°53	26°14	6°38	26° 8	5°47	14°43	21°57	0°21	5° 2	24°56	23°28	15°27	27°28	W30
T 31	6 38 4	9♑19'29	28♒44	27♑37	6♐48	25♊48	5♍45	14♐50	21♍57	0♐23	5♊ 1	24♉48	23♉24	15♒33	27♉26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s46	25s19	4s36	23s11	1s 3	24s42	1s55	25n33	2n17	10n26	0n54	20s35	1n33	4n 1	0n46	18s24	1n38	8n32	12s52	19n12	19n 0	21s56	16n23	3s35
W 2	21 55	22 56	5 2	23 29	1 8	24 24	1 40	25 37	2 20	10 25	0 55	20 36	1 33	4 1	0 46	18 24	1 38	8 32	12 52	19 11	18 59	21 55	16 23	3 35
T 3	22 3	19 36	5 14	23 46	1 14	24 6	1 25	25 40	2 23	10 24	0 55	20 38	1 33	4 0	0 46	18 25	1 38	8 32	12 52	19 11	18 59	21 53	16 22	3 35
F 4	22 12	15 29	5 14	24 2	1 19	23 47	1 10	25 44	2 26	10 23	0 55	20 39	1 33	4 0	0 46	18 25	1 38	8 32	12 52	19 11	18 58	21 51	16 21	3 35
S 5	22 20	10 45	4 59	24 16	1 25	23 28	0 55	25 48	2 29	10 22	0 55	20 39	1 33	3 59	0 46	18 26	1 38	8 32	12 52	19 11	18 57	21 49	16 20	3 35
S 6	22 27	5 32	4 31	24 29	1 30	23 8	0 40	25 51	2 32	10 21	0 56	20 40	1 33	3 59	0 46	18 26	1 38	8 32	12 52	19 11	18 56	21 48	16 20	3 35
M 7	22 34	0 0	3 51	24 41	1 35	22 48	0 24	25 55	2 35	10 20	0 56	20 41	1 33	3 58	0 46	18 27	1 38	8 31	12 52	19 11	18 56	21 46	16 19	3 35
T 8	22 41	5n41	2 57	24 52	1 39	22 28	0 8	25 58	2 38	10 20	0 56	20 42	1 33	3 58	0 46	18 27	1 38	8 31	12 52	19 11	18 55	21 44	16 18	3 35
W 9	22 47	11 18	1 54	25 1	1 44	22 8	0n 7	26 2	2 40	10 19	0 56	20 43	1 32	3 58	0 46	18 27	1 38	8 31	12 51	19 12	18 54	21 42	16 18	3 35
T 10	22 53	16 35	0 42	25 9	1 48	21 48	0 23	26 5	2 43	10 18	0 57	20 44	1 32	3 57	0 46	18 28	1 38	8 31	12 51	19 12	18 53	21 41	16 17	3 35
F 11	22 58	21 9	0n35	25 16	1 52	21 29	0 38	26 8	2 45	10 18	0 57	20 45	1 32	3 57	0 46	18 28	1 38	8 31	12 51	19 12	18 52	21 39	16 16	3 35
S 12	23 3	24 34	1 51	25 21	1 56	21 9	0 53	26 11	2 48	10 17	0 57	20 46	1 32	3 57	0 46	18 29	1 38	8 31	12 51	19 12	18 52	21 37	16 16	3 35
S 13	23 7	26 27	3 1	25 24	1 59	20 50	1 8	26 14	2 50	10 17	0 57	20 47	1 32	3 56	0 46	18 29	1 38	8 31	12 51	19 11	18 51	21 35	16 15	3 35
M14	23 11	26 28	4 1	25 27	2 2	20 31	1 22	26 17	2 53	10 16	0 58	20 48	1 32	3 56	0 46	18 30	1 38	8 31	12 51	19 10	18 50	21 33	16 14	3 35
T 15	23 14	24 37	4 44	25 28	2 5	20 13	1 36	26 20	2 55	10 16	0 58	20 49	1 32	3 56	0 46	18 30	1 39	8 31	12 51	19 9	18 49	21 31	16 14	3 35
W16	23 17	21 7	5 8	25 27	2 8	19 55	1 50	26 22	2 57	10 16	0 58	20 50	1 32	3 56	0 46	18 30	1 39	8 31	12 51	19 8	18 49	21 30	16 13	3 35
T 17	23 20	16 20	5 12	25 25	2 10	19 39	2 3	26 25	3 0	10 16	0 58	20 51	1 32	3 55	0 47	18 31	1 39	8 31	12 51	19 8	18 48	21 28	16 13	3 35
F 18	23 22	10 45	4 56	25 22	2 11	19 23	2 16	26 27	3 2	10 16	0 59	20 52	1 32	3 55	0 47	18 31	1 39	8 31	12 50	19 7	18 47	21 26	16 12	3 35
S 19	23 23	4 43	4 23	25 17	2 13	19 7	2 28	26 29	3 4	10 16	0 59	20 52	1 32	3 55	0 47	18 32	1 39	8 31	12 50	19 7	18 46	21 24	16 11	3 35
S 20	23 25	1s24	3 36	25 10	2 14	18 53	2 40	26 31	3 5	10 16	0 59	20 53	1 32	3 55	0 47	18 32	1 39	8 31	12 50	19 7	18 45	21 22	16 11	3 35
M21	23 25	7 21	2 38	25 2	2 14	18 40	2 51	26 33	3 7	10 16	0 59	20 54	1 32	3 55	0 47	18 33	1 39	8 31	12 50	19 8	18 45	21 20	16 10	3 35
T 22	23 25	12 51	1 32	24 53	2 14	18 27	3 2	26 34	3 9	10 16	1 0	20 55	1 32	3 55	0 47	18 33	1 39	8 30	12 50	19 8	18 44	21 19	16 10	3 35
W23	23 25	17 42	0 23	24 42	2 14	18 16	3 12	26 36	3 11	10 17	1 0	20 56	1 32	3 55	0 47	18 33	1 39	8 30	12 50	19 8	18 43	21 17	16 9	3 35
T 24	23 24	21 41	0s46	24 30	2 13	18 5	3 21	26 37	3 12	10 17	1 0	20 57	1 32	3 55	0 47	18 34	1 39	8 30	12 50	19 8	18 42	21 15	16 9	3 35
F 25	23 23	24 35	1 51	24 16	2 12	17 55	3 30	26 38	3 14	10 17	1 1	20 57	1 32	3 55	0 47	18 34	1 39	8 30	12 49	19 8	18 42	21 13	16 8	3 35
S 26	23 21	26 16	2 51	24 1	2 10	17 47	3 38	26 39	3 15	10 18	1 1	20 58	1 32	3 55	0 47	18 34	1 39	8 30	12 49	19 7	18 41	21 11	16 8	3 35
S 27	23 19	26 39	3 41	23 44	2 7	17 39	3 46	26 40	3 16	10 18	1 1	20 59	1 32	3 55	0 47	18 35	1 39	8 30	12 49	19 5	18 40	21 9	16 7	3 35
M28	23 17	25 45	4 21	23 26	2 3	17 32	3 54	26 40	3 17	10 19	1 1	21 0	1 32	3 55	0 47	18 35	1 39	8 30	12 49	19 3	18 39	21 7	16 7	3 35
T 29	23 13	23 41	4 49	23 6	1 59	17 26	4 0	26 41	3 18	10 20	1 2	21 1	1 32	3 55	0 47	18 36	1 39	8 30	12 49	19 1	18 38	21 5	16 6	3 35
W30	23 10	20 36	5 5	22 46	1 54	17 21	4 7	26 41	3 19	10 21	1 2	21 1	1 32	3 55	0 47	18 36	1 39	8 31	12 49	18 59	18 38	21 3	16 6	3 35
T 31	23s 6	16s42	5s 7	22s24	1s49	17s17	4n13	26n42	3n20	10n22	1n 2	21s 2	1n32	3n55	0n47	18s36	1n39	8n31	12s48	18n57	18n37	21s 2	16n 5	3s34

Julian Day Number = 2500456.5, Delta T = 111.29 sec
Ecliptic obliquity = 23°25'24, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°36'41, Lahiri = 25°43'42

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ASTRODIENST EPHEMERIS for the year 2134
geocentric

JANUARY 2134 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 42 1	10♑20'38	10♓36	28♑58	6♐59	25°R28	5°R43	14♐56	21°R56	0♐25	5°R 0	24°R42	23♉21	15♒40	27°R24	F 1
S 2	6 45 57	11°21'47	22°32	0♒16	7°13	25♊ 8	5♍41	15° 3	21♍56	0°27	4♊59	24♉38	23°18	15°47	27♉22	S 2
S 3	6 49 54	12°22'56	4♈37	1°31	7°28	24°50	5°39	15°10	21°56	0°28	4°58	24°36	23°15	15°53	27°20	S 3
M 4	6 53 51	13°24'04	16°55	2°42	7°46	24°31	5°36	15°16	21°55	0°30	4°58	24°D35	23°12	16° 0	27°18	M 4
T 5	6 57 47	14°25'13	29°32	3°48	8° 6	24°14	5°34	15°23	21°55	0°32	4°57	24°36	23° 9	16° 7	27°16	T 5
W 6	7 1 44	15°26'21	12♉31	4°49	8°27	23°57	5°31	15°29	21°54	0°34	4°56	24°38	23° 5	16°14	27°14	W 6
T 7	7 5 40	16°27'29	25°58	5°44	8°51	23°41	5°28	15°36	21°54	0°35	4°55	24°R38	23° 2	16°20	27°12	T 7
F 8	7 9 37	17°28'37	9♊54	6°32	9°16	23°26	5°24	15°42	21°53	0°37	4°54	24°37	22°59	16°27	27°10	F 8
S 9	7 13 33	18°29'45	24°18	7°12	9°43	23°11	5°21	15°48	21°53	0°39	4°53	24°34	22°56	16°34	27° 9	S 9
S 10	7 17 30	19°30'52	9♋ 6	7°43	10°12	22°57	5°17	15°55	21°52	0°40	4°53	24°28	22°53	16°41	27° 7	S 10
M11	7 21 26	20°31'59	24°12	8° 5	10°42	22°44	5°14	16° 1	21°51	0°42	4°52	24°20	22°50	16°47	27° 5	M11
T 12	7 25 23	21°33'06	9♌26	8°16	11°14	22°32	5°10	16° 7	21°50	0°44	4°51	24°11	22°46	16°54	27° 4	T 12
W13	7 29 20	22°34'13	24°37	8°R17	11°48	22°20	5° 6	16°13	21°49	0°45	4°50	24° 2	22°43	17° 1	27° 2	W13
T 14	7 33 16	23°35'20	9♍34	8° 5	12°22	22° 9	5° 1	16°20	21°48	0°47	4°50	23°54	22°40	17° 7	27° 1	T 14
F 15	7 37 13	24°36'26	24°11	7°42	12°59	21°59	4°57	16°26	21°47	0°48	4°49	23°48	22°37	17°14	27° 0	F 15
S 16	7 41 9	25°37'33	8♎22	7° 7	13°36	21°50	4°52	16°32	21°46	0°50	4°48	23°44	22°34	17°21	26°58	S 16
S 17	7 45 6	26°38'39	22° 6	6°22	14°15	21°42	4°47	16°38	21°45	0°51	4°48	23°D43	22°30	17°28	26°57	S 17
M18	7 49 2	27°39'45	5♏26	5°26	14°55	21°34	4°42	16°44	21°44	0°53	4°47	23°43	22°27	17°34	26°56	M18
T 19	7 52 59	28°40'51	18°24	4°21	15°36	21°27	4°37	16°50	21°43	0°54	4°46	23°R43	22°24	17°41	26°55	T 19
W20	7 56 55	29°41'57	1♐ 4	3°10	16°19	21°22	4°32	16°56	21°42	0°55	4°46	23°43	22°21	17°48	26°54	W20
T 21	8 0 52	0♒43'03	13°29	1°54	17° 2	21°17	4°27	17° 1	21°40	0°57	4°45	23°41	22°18	17°55	26°53	T 21
F 22	8 4 49	1°44'08	25°44	0°36	17°47	21°12	4°21	17° 7	21°39	0°58	4°45	23°37	22°15	18° 1	26°52	F 22
S 23	8 8 45	2°45'13	7♑50	29♑19	18°32	21° 9	4°15	17°13	21°38	0°59	4°44	23°29	22°11	18° 8	26°51	S 23
S 24	8 12 42	3°46'18	19°51	28° 4	19°19	21° 6	4° 9	17°18	21°36	1° 1	4°44	23°19	22° 8	18°15	26°50	S 24
M25	8 16 38	4°47'21	1♒47	26°53	20° 6	21° 4	4° 3	17°24	21°35	1° 2	4°43	23° 6	22° 5	18°21	26°49	M25
T 26	8 20 35	5°48'24	13°41	25°49	20°54	21° 3	3°57	17°29	21°33	1° 3	4°43	22°52	22° 2	18°28	26°49	T 26
W27	8 24 31	6°49'27	25°33	24°53	21°43	21°D 3	3°51	17°35	21°32	1° 4	4°42	22°37	21°59	18°35	26°48	W27
T 28	8 28 28	7°50'28	7♓25	24° 4	22°33	21° 3	3°44	17°40	21°30	1° 6	4°42	22°24	21°56	18°42	26°48	T 28
F 29	8 32 25	8°51'28	19°18	23°25	23°24	21° 4	3°38	17°46	21°28	1° 7	4°41	22°12	21°52	18°48	26°47	F 29
S 30	8 36 21	9°52'28	1♈16	22°55	24°15	21° 6	3°31	17°51	21°27	1° 8	4°41	22° 4	21°49	18°55	26°47	S 30
S 31	8 40 18	10♒53'26	13♈20	22♑33	25♐ 7	21♊ 9	3♍25	17♐56	21♍25	1♐ 9	4♊41	21♉58	21♉46	19♒ 2	26♉47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 1	12s 9	4s56	22s 1	1s42	17s13	4n18	26n42	3n21	10n22	1n 2	21s 3	1n32	3n55	0n47	18s37	1n39	8n31	12s48	18n56	18n36	21s 0	16n 5	3s34
S 2	22 56	7 8	4 32	21 38	1 35	17 11	4 23	26 42	3 22	10 23	1 3	21 4	1 32	3 55	0 47	18 37	1 39	8 31	12 48	18 55	18 35	20 58	16 5	3 34
S 3	22 51	1 47	3 56	21 13	1 27	17 9	4 27	26 42	3 22	10 25	1 3	21 4	1 32	3 55	0 47	18 37	1 39	8 31	12 48	18 54	18 34	20 56	16 4	3 34
M 4	22 45	3n44	3 9	20 48	1 17	17 8	4 31	26 41	3 23	10 26	1 3	21 5	1 32	3 56	0 47	18 38	1 39	8 31	12 48	18 54	18 34	20 54	16 4	3 34
T 5	22 39	9 15	2 11	20 23	1 7	17 7	4 35	26 41	3 23	10 27	1 3	21 6	1 32	3 56	0 47	18 38	1 39	8 31	12 47	18 54	18 33	20 52	16 4	3 34
W 6	22 32	14 34	1 5	19 57	0 56	17 8	4 38	26 41	3 24	10 28	1 4	21 6	1 32	3 56	0 47	18 38	1 39	8 31	12 47	18 55	18 32	20 50	16 3	3 34
T 7	22 25	19 21	0n 7	19 32	0 43	17 8	4 41	26 40	3 24	10 30	1 4	21 7	1 32	3 56	0 47	18 39	1 39	8 31	12 47	18 55	18 31	20 48	16 3	3 34
F 8	22 17	23 15	1 21	19 7	0 30	17 10	4 43	26 40	3 24	10 31	1 4	21 8	1 32	3 57	0 47	18 39	1 39	8 31	12 47	18 55	18 30	20 46	16 3	3 34
S 9	22 9	25 50	2 32	18 42	0 15	17 12	4 45	26 39	3 24	10 32	1 4	21 8	1 32	3 57	0 48	18 39	1 39	8 31	12 47	18 54	18 30	20 44	16 2	3 34
S 10	22 0	26 41	3 35	18 19	0n 0	17 14	4 47	26 38	3 24	10 34	1 5	21 9	1 32	3 57	0 48	18 40	1 39	8 31	12 46	18 52	18 29	20 42	16 2	3 34
M11	21 51	25 35	4 24	17 58	0 17	17 17	4 48	26 38	3 24	10 36	1 5	21 10	1 32	3 58	0 48	18 40	1 39	8 31	12 46	18 50	18 28	20 40	16 2	3 33
T 12	21 42	22 36	4 54	17 38	0 34	17 20	4 49	26 37	3 24	10 37	1 5	21 10	1 32	3 58	0 48	18 40	1 39	8 31	12 46	18 48	18 27	20 38	16 2	3 33
W13	21 32	18 5	5 4	17 20	0 53	17 24	4 50	26 36	3 24	10 39	1 5	21 11	1 32	3 58	0 48	18 40	1 39	8 32	12 46	18 46	18 26	20 36	16 1	3 33
T 14	21 22	12 30	4 53	17 5	1 11	17 28	4 50	26 35	3 24	10 41	1 6	21 11	1 32	3 59	0 48	18 41	1 39	8 32	12 45	18 44	18 26	20 34	16 1	3 33
F 15	21 11	6 20	4 23	16 53	1 30	17 32	4 50	26 34	3 24	10 43	1 6	21 12	1 32	3 59	0 48	18 41	1 39	8 32	12 45	18 43	18 25	20 32	16 1	3 33
S 16	21 0	0 1	3 37	16 44	1 49	17 37	4 50	26 33	3 23	10 45	1 6	21 13	1 32	4 0	0 48	18 41	1 40	8 32	12 45	18 42	18 24	20 30	16 1	3 33
S 17	20 49	6s 8	2 40	16 37	2 7	17 42	4 50	26 32	3 23	10 47	1 6	21 13	1 32	4 0	0 48	18 41	1 40	8 32	12 45	18 41	18 23	20 28	16 1	3 33
M18	20 37	11 49	1 36	16 34	2 24	17 47	4 49	26 31	3 23	10 49	1 7	21 14	1 33	4 1	0 48	18 42	1 40	8 32	12 44	18 41	18 22	20 26	16 0	3 33
T 19	20 25	16 50	0 28	16 34	2 40	17 52	4 48	26 31	3 22	10 51	1 7	21 14	1 33	4 1	0 48	18 42	1 40	8 32	12 44	18 41	18 22	20 24	16 0	3 33
W20	20 12	21 0	0s39	16 36	2 55	17 57	4 47	26 30	3 22	10 53	1 7	21 15	1 33	4 2	0 48	18 42	1 40	8 32	12 44	18 41	18 21	20 22	16 0	3 32
T 21	19 59	24 6	1 43	16 41	3 7	18 3	4 46	26 29	3 21	10 55	1 7	21 15	1 33	4 2	0 48	18 42	1 40	8 33	12 44	18 41	18 20	20 20	16 0	3 32
F 22	19 46	26 2	2 41	16 48	3 17	18 9	4 44	26 28	3 20	10 57	1 7	21 16	1 33	4 3	0 48	18 43	1 40	8 33	12 43	18 40	18 19	20 18	16 0	3 32
S 23	19 32	26 42	3 31	16 57	3 24	18 14	4 43	26 27	3 20	11 0	1 8	21 16	1 33	4 3	0 48	18 43	1 40	8 33	12 43	18 38	18 18	20 16	16 0	3 32
S 24	19 18	26 6	4 11	17 7	3 29	18 20	4 41	26 26	3 19	11 2	1 8	21 17	1 33	4 4	0 48	18 43	1 40	8 33	12 43	18 35	18 17	20 14	16 0	3 32
M25	19 3	24 18	4 40	17 19	3 31	18 25	4 39	26 25	3 18	11 4	1 8	21 17	1 33	4 4	0 48	18 43	1 40	8 33	12 43	18 32	18 17	20 12	16 0	3 32
T 26	18 48	21 26	4 56	17 30	3 31	18 31	4 36	26 24	3 18	11 7	1 8	21 18	1 33	4 5	0 48	18 44	1 40	8 33	12 42	18 29	18 16	20 10	16 0	3 32
W27	18 33	17 42	5 0	17 43	3 29	18 36	4 34	26 24	3 17	11 9	1 8	21 18	1 33	4 6	0 48	18 44	1 40	8 34	12 42	18 25	18 15	20 8	16 0	3 32
T 28	18 18	13 16	4 50	17 55	3 25	18 42	4 31	26 23	3 16	11 12	1 9	21 18	1 33	4 6	0 48	18 44	1 40	8 34	12 42	18 21	18 14	20 5	16 0	3 31
F 29	18 2	8 20	4 28	18 7	3 19	18 47	4 29	26 22	3 15	11 14	1 9	21 19	1 33	4 7	0 48	18 44	1 40	8 34	12 42	18 18	18 13	20 3	16 0	3 31
S 30	17 46	3 4	3 54	18 19	3 12	18 52	4 26	26 22	3 14	11 17	1 9	21 19	1 33	4 8	0 48	18 44	1 40	8 34	12 41	18 16	18 13	20 1	16 0	3 31
S 31	17s29	2n22	3s 9	18s31	3n 4	18s58	4n23	26n21	3n14	11n20	1n 9	21s20	1n33	4n 9	0n48	18s44	1n40	8n34	12s41	18n15	18n12	19s59	16n 0	3s31

Julian Day Number = 2500487.5, Delta T = 111.34 sec
Ecliptic obliquity = 23°25'24, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°36'46, Lahiri = 25°43'46

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ASTRODIENST EPHEMERIS for the year 2134
geocentric

FEBRUARY 2134 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 44 14	11♒54'23	25♈36	22°R20	26♐ 0	21♊13	3°R18	18♐ 1	21°R23	1♐10	4°R40	21°R55	21♉43	19♒ 8	26°R46	M 1
T 2	8 48 11	12°55'19	8♉ 8	22°D16	26°54	21°17	3♍11	18° 6	21♍21	1°11	4♊40	21♉54	21°40	19°15	26♉46	T 2
W 3	8 52 7	13°56'13	21° 0	22♑19	27°48	21°22	3° 4	18°11	21°19	1°12	4°40	21°54	21°36	19°22	26°46	W 3
T 4	8 56 4	14°57'07	4♊17	22°29	28°42	21°27	2°56	18°16	21°17	1°13	4°39	21°54	21°33	19°29	26°D46	T 4
F 5	9 0 0	15°57'59	18° 3	22°46	29°38	21°33	2°49	18°21	21°15	1°14	4°39	21°52	21°30	19°35	26°46	F 5
S 6	9 3 57	16°58'50	2♋18	23°10	0♑33	21°40	2°42	18°26	21°13	1°15	4°39	21°47	21°27	19°42	26°46	S 6
S 7	9 7 54	17°59'39	17° 2	23°39	1°30	21°48	2°34	18°31	21°11	1°15	4°38	21°40	21°24	19°49	26°46	S 7
M 8	9 11 50	19° 0'27	2♌ 8	24°13	2°27	21°56	2°27	18°35	21° 9	1°16	4°38	21°30	21°21	19°56	26°47	M 8
T 9	9 15 47	20° 1'14	17°29	24°52	3°24	22° 5	2°19	18°40	21° 7	1°17	4°38	21°19	21°17	20° 2	26°47	T 9
W10	9 19 43	21° 1'59	2♍51	25°36	4°22	22°14	2°12	18°44	21° 5	1°18	4°38	21° 7	21°14	20° 9	26°47	W10
T 11	9 23 40	22° 2'44	18° 4	26°23	5°21	22°24	2° 4	18°49	21° 3	1°18	4°38	20°57	21°11	20°16	26°48	T 11
F 12	9 27 36	23° 3'27	2♎57	27°14	6°20	22°35	1°56	18°53	21° 1	1°19	4°38	20°48	21° 8	20°22	26°48	F 12
S 13	9 31 33	24° 4'09	17°24	28° 9	7°19	22°46	1°49	18°57	20°59	1°20	4°38	20°43	21° 5	20°29	26°49	S 13
S 14	9 35 29	25° 4'50	1♏20	29° 6	8°19	22°58	1°41	19° 1	20°56	1°20	4°37	20°40	21° 2	20°36	26°49	S 14
M15	9 39 26	26° 5'30	14°47	0♒ 6	9°19	23°10	1°33	19° 6	20°54	1°21	4°37	20°39	20°58	20°43	26°50	M15
T 16	9 43 22	27° 6'09	27°48	1° 9	10°19	23°23	1°25	19°10	20°52	1°21	4°37	20°39	20°55	20°49	26°51	T 16
W17	9 47 19	28° 6'46	10♐27	2°15	11°20	23°36	1°17	19°14	20°49	1°22	4°D37	20°38	20°52	20°56	26°52	W17
T 18	9 51 16	29° 7'23	22°48	3°22	12°22	23°50	1° 9	19°17	20°47	1°22	4°37	20°36	20°49	21° 3	26°53	T 18
F 19	9 55 12	0♓ 7'59	4♑56	4°32	13°23	24° 4	1° 1	19°21	20°45	1°23	4°37	20°32	20°46	21°10	26°54	F 19
S 20	9 59 9	1° 8'33	16°55	5°43	14°25	24°19	0°53	19°25	20°42	1°23	4°37	20°25	20°42	21°16	26°55	S 20
S 21	10 3 5	2° 9'06	28°49	6°57	15°28	24°34	0°46	19°28	20°40	1°24	4°37	20°14	20°39	21°23	26°56	S 21
M22	10 7 2	3° 9'37	10♒41	8°12	16°30	24°50	0°38	19°32	20°37	1°24	4°38	20° 2	20°36	21°30	26°57	M22
T 23	10 10 58	4°10'07	22°33	9°29	17°33	25° 6	0°30	19°35	20°35	1°24	4°38	19°47	20°33	21°36	26°58	T 23
W24	10 14 55	5°10'36	4♓26	10°47	18°37	25°23	0°22	19°39	20°32	1°25	4°38	19°33	20°30	21°43	27° 0	W24
T 25	10 18 51	6°11'02	16°21	12° 6	19°40	25°40	0°14	19°42	20°30	1°25	4°38	19°19	20°27	21°50	27° 1	T 25
F 26	10 22 48	7°11'27	28°20	13°28	20°44	25°58	0° 6	19°45	20°27	1°25	4°38	19° 8	20°23	21°57	27° 2	F 26
S 27	10 26 45	8°11'51	10♈24	14°50	21°48	26°16	29♌58	19°48	20°25	1°25	4°38	18°59	20°20	22° 3	27° 4	S 27
S 28	10 30 41	9♓12'12	22♈36	16♒14	22♑52	26♊34	29♌51	19♐51	20♍22	1♐25	4♊39	18♉53	20♉17	22♒10	27♉ 5	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s13	7n48	2s14	18s42	2n54	19s 2	4n20	26n20	3n13	11n22	1n 9	21s20	1n33	4n 9	0n48	18s45	1n40	8n35	12s41	18n14	18n11	19s57	16n 0	3s31
T 2	16 55	13 4	1 12	18 53	2 44	19 7	4 16	26 20	3 12	11 25	1 10	21 21	1 33	4 10	0 48	18 45	1 40	8 35	12 40	18 14	18 10	19 55	16 0	3 31
W 3	16 38	17 55	0 5	19 3	2 34	19 12	4 13	26 19	3 11	11 28	1 10	21 21	1 33	4 11	0 48	18 45	1 40	8 35	12 40	18 14	18 9	19 53	16 0	3 31
T 4	16 20	22 3	1n 5	19 12	2 23	19 16	4 9	26 18	3 10	11 30	1 10	21 21	1 33	4 12	0 48	18 45	1 40	8 35	12 40	18 14	18 8	19 51	16 0	3 30
F 5	16 2	25 6	2 13	19 20	2 12	19 20	4 6	26 18	3 9	11 33	1 10	21 22	1 34	4 12	0 48	18 45	1 40	8 36	12 40	18 13	18 8	19 49	16 1	3 30
S 6	15 44	26 40	3 16	19 28	2 0	19 23	4 2	26 17	3 8	11 36	1 10	21 22	1 34	4 13	0 48	18 45	1 41	8 36	12 39	18 12	18 7	19 46	16 1	3 30
S 7	15 26	26 26	4 7	19 34	1 49	19 27	3 58	26 17	3 7	11 39	1 10	21 22	1 34	4 14	0 49	18 45	1 41	8 36	12 39	18 10	18 6	19 44	16 1	3 30
M 8	15 7	24 16	4 43	19 39	1 38	19 30	3 54	26 16	3 6	11 42	1 11	21 23	1 34	4 15	0 49	18 46	1 41	8 36	12 39	18 8	18 5	19 42	16 1	3 30
T 9	14 48	20 20	4 59	19 44	1 26	19 33	3 50	26 16	3 5	11 44	1 11	21 23	1 34	4 16	0 49	18 46	1 41	8 37	12 38	18 5	18 4	19 40	16 1	3 30
W10	14 29	15 1	4 54	19 47	1 15	19 35	3 46	26 16	3 4	11 47	1 11	21 23	1 34	4 17	0 49	18 46	1 41	8 37	12 38	18 2	18 3	19 38	16 2	3 30
T 11	14 9	8 49	4 27	19 49	1 4	19 37	3 42	26 15	3 3	11 50	1 11	21 23	1 34	4 17	0 49	18 46	1 41	8 37	12 38	17 59	18 3	19 36	16 2	3 29
F 12	13 49	2 14	3 43	19 50	0 53	19 39	3 37	26 15	3 2	11 53	1 11	21 24	1 34	4 18	0 49	18 46	1 41	8 37	12 37	17 57	18 2	19 34	16 2	3 29
S 13	13 29	4s16	2 46	19 50	0 42	19 41	3 33	26 14	3 1	11 56	1 11	21 24	1 34	4 19	0 49	18 46	1 41	8 38	12 37	17 55	18 1	19 31	16 2	3 29
S 14	13 9	10 22	1 40	19 48	0 32	19 42	3 29	26 14	3 0	11 59	1 11	21 24	1 34	4 20	0 49	18 46	1 41	8 38	12 37	17 54	18 0	19 29	16 3	3 29
M15	12 49	15 46	0 31	19 46	0 21	19 42	3 24	26 14	2 59	12 2	1 11	21 25	1 34	4 21	0 49	18 46	1 41	8 38	12 37	17 54	17 59	19 27	16 3	3 29
T 16	12 28	20 16	0s38	19 42	0 12	19 42	3 20	26 13	2 58	12 5	1 12	21 25	1 34	4 22	0 49	18 46	1 41	8 39	12 36	17 54	17 58	19 25	16 3	3 29
W17	12 7	23 41	1 43	19 37	0 2	19 42	3 15	26 13	2 57	12 8	1 12	21 25	1 34	4 23	0 49	18 46	1 41	8 39	12 36	17 54	17 58	19 23	16 4	3 29
T 18	11 46	25 54	2 41	19 31	0s 8	19 41	3 10	26 13	2 56	12 11	1 12	21 25	1 35	4 24	0 49	18 46	1 41	8 39	12 36	17 53	17 57	19 21	16 4	3 28
F 19	11 25	26 51	3 31	19 23	0 17	19 40	3 6	26 12	2 55	12 13	1 12	21 25	1 35	4 25	0 49	18 46	1 41	8 39	12 35	17 52	17 56	19 18	16 4	3 28
S 20	11 4	26 30	4 11	19 14	0 26	19 39	3 1	26 12	2 54	12 16	1 12	21 26	1 35	4 26	0 49	18 46	1 41	8 40	12 35	17 50	17 55	19 16	16 5	3 28
S 21	10 42	24 56	4 40	19 4	0 34	19 37	2 56	26 11	2 53	12 19	1 12	21 26	1 35	4 27	0 49	18 46	1 41	8 40	12 35	17 48	17 54	19 14	16 5	3 28
M22	10 20	22 17	4 56	18 53	0 42	19 34	2 51	26 11	2 52	12 22	1 12	21 26	1 35	4 28	0 49	18 46	1 41	8 40	12 35	17 44	17 53	19 12	16 5	3 28
T 23	9 58	18 42	4 59	18 40	0 50	19 31	2 46	26 11	2 51	12 25	1 12	21 26	1 35	4 29	0 49	18 46	1 41	8 41	12 34	17 40	17 53	19 9	16 6	3 28
W24	9 36	14 23	4 50	18 27	0 58	19 28	2 42	26 10	2 50	12 28	1 12	21 26	1 35	4 30	0 49	18 46	1 41	8 41	12 34	17 36	17 52	19 7	16 6	3 28
T 25	9 14	9 30	4 28	18 11	1 5	19 24	2 37	26 10	2 49	12 31	1 12	21 27	1 35	4 31	0 49	18 46	1 42	8 41	12 34	17 33	17 51	19 5	16 7	3 27
F 26	8 52	4 14	3 54	17 55	1 12	19 19	2 32	26 9	2 48	12 33	1 12	21 27	1 35	4 32	0 49	18 46	1 42	8 42	12 33	17 30	17 50	19 3	16 7	3 27
S 27	8 29	1n14	3 9	17 37	1 18	19 15	2 27	26 9	2 47	12 36	1 12	21 27	1 35	4 33	0 49	18 46	1 42	8 42	12 33	17 27	17 49	19 1	16 8	3 27
S 28	8s 7	6n42	2s14	17s18	1s25	19s 9	2n22	26n 8	2n46	12n39	1n12	21s27	1n35	4n34	0n49	18s46	1n42	8n42	12s33	17n26	17n48	18s58	16n 8	3s27

Julian Day Number = 2500518.5, Delta T = 111.39 sec
Ecliptic obliquity = 23°25'24, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°36'50, Lahiri = 25°43'50

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ASTRODIENST EPHEMERIS for the year 2134
geocentric

MARCH 2134 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 34 38	10♓12'32	4♉58	17♒39	23♉57	26♊53	29°R43	19♐54	20°R20	1♐25	4♊39	18°R50	20♉14	22♒17	27♉ 7	M 1
T 2	10 38 34	11°12'50	17°32	19° 5	25° 2	27°12	29♌35	19°57	20♍17	1°26	4°39	18°D49	20°11	22°23	27° 9	T 2
W 3	10 42 31	12°13'05	0♊24	20°32	26° 7	27°32	29°28	20° 0	20°15	1°26	4°39	18♉49	20° 7	22°30	27°10	W 3
T 4	10 46 27	13°13'19	13°36	22° 1	27°12	27°52	29°20	20° 2	20°12	1°R26	4°40	18°R49	20° 4	22°37	27°12	T 4
F 5	10 50 24	14°13'31	27°12	23°30	28°17	28°12	29°13	20° 5	20° 9	1°26	4°40	18°49	20° 1	22°44	27°14	F 5
S 6	10 54 20	15°13'41	11♋14	25° 1	29°23	28°33	29° 5	20° 7	20° 7	1°26	4°40	18°46	19°58	22°50	27°16	S 6
S 7	10 58 17	16°13'48	25°42	26°33	0♒29	28°54	28°58	20°10	20° 4	1°25	4°41	18°41	19°55	22°57	27°18	S 7
M 8	11 2 14	17°13'54	10♌33	28° 6	1°35	29°15	28°51	20°12	20° 2	1°25	4°41	18°33	19°52	23° 4	27°20	M 8
T 9	11 6 10	18°13'57	25°40	29°40	2°41	29°36	28°44	20°14	19°59	1°25	4°42	18°25	19°48	23°11	27°22	T 9
W10	11 10 7	19°13'59	10♍54	1♓15	3°48	29°58	28°37	20°16	19°56	1°25	4°42	18°15	19°45	23°17	27°24	W10
T 11	11 14 3	20°13'58	26° 3	2°52	4°54	0♋21	28°30	20°18	19°54	1°25	4°42	18° 7	19°42	23°24	27°27	T 11
F 12	11 18 0	21°13'55	10♎59	4°29	6° 1	0°43	28°23	20°20	19°51	1°24	4°43	18° 0	19°39	23°31	27°29	F 12
S 13	11 21 56	22°13'51	25°32	6° 8	7° 8	1° 6	28°16	20°22	19°49	1°24	4°43	17°55	19°36	23°37	27°31	S 13
S 14	11 25 53	23°13'45	9♏38	7°48	8°15	1°29	28° 9	20°23	19°46	1°24	4°44	17°53	19°33	23°44	27°34	S 14
M15	11 29 49	24°13'38	23°14	9°29	9°22	1°53	28° 3	20°25	19°43	1°23	4°44	17°D53	19°29	23°51	27°36	M15
T 16	11 33 46	25°13'28	6♐23	11°11	10°30	2°16	27°57	20°26	19°41	1°23	4°45	17°54	19°26	23°58	27°39	T 16
W17	11 37 43	26°13'18	19° 7	12°54	11°37	2°40	27°50	20°28	19°38	1°23	4°46	17°55	19°23	24° 4	27°41	W17
T 18	11 41 39	27°13'05	1♑32	14°39	12°45	3° 5	27°44	20°29	19°36	1°22	4°46	17°R55	19°20	24°11	27°44	T 18
F 19	11 45 36	28°12'51	13°41	16°25	13°53	3°29	27°38	20°30	19°33	1°22	4°47	17°54	19°17	24°18	27°46	F 19
S 20	11 49 32	29°12'35	25°40	18°11	15° 1	3°54	27°32	20°31	19°30	1°21	4°47	17°50	19°13	24°25	27°49	S 20
S 21	11 53 29	0♈12'17	7♒33	20° 0	16° 9	4°19	27°27	20°32	19°28	1°21	4°48	17°44	19°10	24°31	27°52	S 21
M22	11 57 25	1°11'58	19°23	21°49	17°17	4°44	27°21	20°33	19°25	1°20	4°49	17°37	19° 7	24°38	27°55	M22
T 23	12 1 22	2°11'36	1♓15	23°40	18°26	5°10	27°16	20°34	19°23	1°19	4°49	17°29	19° 4	24°45	27°57	T 23
W24	12 5 18	3°11'13	13°11	25°31	19°34	5°35	27°10	20°35	19°20	1°19	4°50	17°20	19° 1	24°51	28° 0	W24
T 25	12 9 15	4°10'48	25°12	27°25	20°43	6° 1	27° 5	20°35	19°18	1°18	4°51	17°11	18°58	24°58	28° 3	T 25
F 26	12 13 12	5°10'20	7♈20	29°19	21°51	6°27	27° 0	20°36	19°15	1°17	4°52	17° 4	18°54	25° 5	28° 6	F 26
S 27	12 17 8	6° 9'51	19°36	1♈15	23° 0	6°54	26°56	20°36	19°13	1°17	4°52	16°59	18°51	25°12	28° 9	S 27
S 28	12 21 5	7° 9'20	2♉ 1	3°11	24° 9	7°20	26°51	20°36	19°10	1°16	4°53	16°56	18°48	25°18	28°13	S 28
M29	12 25 1	8° 8'46	14°37	5° 9	25°18	7°47	26°46	20°36	19° 8	1°15	4°54	16°D55	18°45	25°25	28°16	M29
T 30	12 28 58	9° 8'11	27°25	7° 8	26°27	8°14	26°42	20°R37	19° 5	1°14	4°55	16°55	18°42	25°32	28°19	T 30
W31	12 32 54	10♈ 7'33	10♊27	9♈ 8	27♒36	8♋41	26♌38	20♐37	19♍ 3	1♐13	4♊56	16♉56	18♉39	25♒38	28♉22	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s44	12n 1	1s13	16s58	1s30	19s 3	2n17	26n 8	2n45	12n42	1n13	21s27	1n36	4n35	0n49	18s46	1n42	8n43	12s32	17n25	17n47	18s56	16n 9	3s27
T 2	7 21	16 57	0 7	16 37	1 36	18 57	2 12	26 7	2 44	12 45	1 13	21 27	1 36	4 36	0 49	18 46	1 42	8 43	12 32	17 24	17 47	18 54	16 9	3 27
W 3	6 58	21 13	1n 1	16 14	1 41	18 50	2 7	26 7	2 43	12 47	1 13	21 27	1 36	4 37	0 49	18 46	1 42	8 43	12 32	17 25	17 46	18 51	16 10	3 27
T 4	6 35	24 32	2 8	15 50	1 46	18 43	2 2	26 6	2 42	12 50	1 13	21 27	1 36	4 38	0 49	18 46	1 42	8 44	12 32	17 25	17 45	18 49	16 10	3 26
F 5	6 12	26 33	3 9	15 25	1 50	18 35	1 57	26 5	2 41	12 53	1 13	21 27	1 36	4 39	0 49	18 46	1 42	8 44	12 31	17 24	17 44	18 47	16 11	3 26
S 6	5 49	26 57	4 1	14 58	1 55	18 26	1 52	26 4	2 40	12 55	1 13	21 28	1 36	4 40	0 49	18 46	1 42	8 44	12 31	17 24	17 43	18 45	16 11	3 26
S 7	5 26	25 34	4 40	14 31	1 58	18 17	1 47	26 4	2 39	12 58	1 13	21 28	1 36	4 41	0 49	18 46	1 42	8 45	12 31	17 22	17 42	18 42	16 12	3 26
M 8	5 2	22 24	5 1	14 2	2 2	18 8	1 42	26 3	2 38	13 0	1 13	21 28	1 36	4 42	0 49	18 46	1 42	8 45	12 30	17 20	17 42	18 40	16 12	3 26
T 9	4 39	17 41	5 1	13 31	2 4	17 58	1 37	26 2	2 37	13 3	1 13	21 28	1 36	4 43	0 49	18 46	1 42	8 45	12 30	17 18	17 41	18 38	16 13	3 26
W10	4 16	11 48	4 41	13 0	2 7	17 48	1 32	26 1	2 36	13 5	1 13	21 28	1 36	4 44	0 49	18 46	1 42	8 46	12 30	17 15	17 40	18 36	16 14	3 26
T 11	3 52	5 14	4 0	12 27	2 9	17 37	1 27	26 0	2 35	13 8	1 13	21 28	1 37	4 45	0 49	18 46	1 42	8 46	12 30	17 13	17 39	18 33	16 14	3 26
F 12	3 28	1s31	3 4	11 53	2 11	17 25	1 22	25 59	2 34	13 10	1 13	21 28	1 37	4 46	0 49	18 45	1 42	8 46	12 29	17 11	17 38	18 31	16 15	3 25
S 13	3 5	8 3	1 57	11 18	2 12	17 14	1 18	25 58	2 33	13 12	1 13	21 28	1 37	4 47	0 49	18 45	1 42	8 47	12 29	17 10	17 37	18 29	16 16	3 25
S 14	2 41	13 59	0 44	10 42	2 13	17 1	1 13	25 57	2 32	13 14	1 13	21 28	1 37	4 48	0 49	18 45	1 42	8 47	12 29	17 9	17 36	18 26	16 16	3 25
M15	2 17	19 2	0s29	10 4	2 14	16 48	1 8	25 55	2 31	13 17	1 13	21 28	1 37	4 49	0 49	18 45	1 43	8 48	12 28	17 9	17 36	18 24	16 17	3 25
T 16	1 54	22 58	1 38	9 25	2 14	16 35	1 3	25 54	2 30	13 19	1 13	21 28	1 37	4 50	0 49	18 45	1 43	8 48	12 28	17 9	17 35	18 22	16 17	3 25
W17	1 30	25 38	2 40	8 46	2 13	16 21	0 58	25 53	2 29	13 21	1 13	21 28	1 37	4 51	0 49	18 45	1 43	8 48	12 28	17 10	17 34	18 19	16 18	3 25
T 18	1 6	26 57	3 32	8 4	2 12	16 7	0 54	25 51	2 28	13 23	1 12	21 28	1 37	4 52	0 49	18 45	1 43	8 49	12 28	17 10	17 33	18 17	16 19	3 25
F 19	0 43	26 56	4 14	7 22	2 11	15 52	0 49	25 50	2 27	13 25	1 12	21 28	1 37	4 53	0 49	18 45	1 43	8 49	12 27	17 9	17 32	18 15	16 20	3 25
S 20	0 19	25 39	4 45	6 39	2 9	15 37	0 44	25 48	2 26	13 27	1 12	21 28	1 37	4 54	0 49	18 44	1 43	8 49	12 27	17 8	17 31	18 12	16 20	3 25
S 21	0n 5	23 14	5 2	5 54	2 7	15 21	0 40	25 46	2 25	13 29	1 12	21 28	1 38	4 55	0 49	18 44	1 43	8 50	12 27	17 7	17 30	18 10	16 21	3 24
M22	0 29	19 51	5 7	5 8	2 4	15 5	0 35	25 44	2 24	13 31	1 12	21 28	1 38	4 56	0 49	18 44	1 43	8 50	12 26	17 5	17 29	18 8	16 22	3 24
T 23	0 52	15 40	4 58	4 22	2 1	14 49	0 31	25 43	2 23	13 33	1 12	21 28	1 38	4 57	0 49	18 44	1 43	8 51	12 26	17 2	17 29	18 5	16 22	3 24
W24	1 16	10 52	4 37	3 34	1 57	14 32	0 26	25 41	2 22	13 34	1 12	21 28	1 38	4 58	0 49	18 44	1 43	8 51	12 26	17 0	17 28	18 3	16 23	3 24
T 25	1 40	5 37	4 3	2 45	1 52	14 14	0 22	25 39	2 21	13 36	1 12	21 28	1 38	4 59	0 49	18 44	1 43	8 51	12 26	16 57	17 27	18 0	16 24	3 24
F 26	2 3	0 7	3 18	1 55	1 48	13 56	0 17	25 36	2 21	13 38	1 12	21 28	1 38	5 0	0 49	18 43	1 43	8 52	12 25	16 55	17 26	17 58	16 25	3 24
S 27	2 27	5n28	2 23	1 4	1 42	13 38	0 13	25 34	2 20	13 39	1 12	21 27	1 38	5 1	0 49	18 43	1 43	8 52	12 25	16 54	17 25	17 56	16 25	3 24
S 28	2 50	10 55	1 20	0 12	1 36	13 19	0 9	25 32	2 19	13 41	1 12	21 27	1 38	5 2	0 49	18 43	1 43	8 52	12 25	16 53	17 24	17 53	16 26	3 24
M29	3 14	16 1	0 12	0n40	1 30	13 0	0 5	25 29	2 18	13 42	1 12	21 27	1 38	5 3	0 49	18 43	1 43	8 53	12 25	16 53	17 23	17 51	16 27	3 24
T 30	3 37	20 30	0n57	1 34	1 23	12 41	0 0	25 27	2 17	13 44	1 12	21 27	1 39	5 4	0 49	18 43	1 43	8 53	12 24	16 53	17 22	17 48	16 28	3 24
W31	4n 0	24n 3	2n 5	2n28	1s15	12s21	0s 4	25n24	2n16	13n45	1n12	21s27	1n39	5n 5	0n49	18s42	1n43	8n54	12s24	16n53	17n22	17s46	16n28	3s24

Julian Day Number = 2500546.5, Delta T = 111.44 sec
Ecliptic obliquity = 23°25'25, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°36'54, Lahiri = 25°43'54

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ASTRODIENST EPHEMERIS for the year 2134
geocentric

APRIL 2134 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 51	11♈ 6'53	23♊46	11♈10	28♒46	9♋ 9	26°R34	20°R36	19°R 1	1°R13	4♊56	16♉58	18♉35	25♒45	28♉25	T 1
F 2	12 40 47	12° 6'11	7♋21	13°12	29°55	9°36	26♎30	20♐36	18♍58	1♐12	4°57	16°R59	18°32	25°52	28°29	F 2
S 3	12 44 44	13° 5'26	21°16	15°14	1♓ 5	10° 4	26°27	20°36	18°56	1°11	4°58	16°59	18°29	25°59	28°32	S 3
S 4	12 48 41	14° 4'39	5♎30	17°18	2°14	10°32	26°23	20°35	18°54	1°10	4°59	16°57	18°26	26° 5	28°36	S 4
M 5	12 52 37	15° 3'49	20° 1	19°21	3°24	11° 0	26°20	20°35	18°51	1° 9	5° 0	16°54	18°23	26°12	28°39	M 5
T 6	12 56 34	16° 2'58	4♍44	21°25	4°33	11°28	26°17	20°34	18°49	1° 8	5° 1	16°50	18°19	26°19	28°42	T 6
W 7	13 0 30	17° 2'03	19°35	23°29	5°43	11°57	26°14	20°34	18°47	1° 7	5° 2	16°46	18°16	26°26	28°46	W 7
T 8	13 4 27	18° 1'07	4♎24	25°33	6°53	12°25	26°11	20°33	18°45	1° 6	5° 3	16°42	18°13	26°32	28°50	T 8
F 9	13 8 23	19° 0'09	19° 4	27°36	8° 3	12°54	26° 9	20°32	18°42	1° 5	5° 4	16°39	18°10	26°39	28°53	F 9
S 10	13 12 20	19°59'08	3♏28	29°38	9°13	13°23	26° 6	20°31	18°40	1° 3	5° 5	16°37	18° 7	26°46	28°57	S 10
S 11	13 16 16	20°58'06	17°30	1♉39	10°23	13°52	26° 4	20°30	18°38	1° 2	5° 6	16°D36	18° 4	26°52	29° 0	S 11
M12	13 20 13	21°57'02	1♐ 8	3°39	11°33	14°21	26° 2	20°29	18°36	1° 1	5° 7	16°37	18° 0	26°59	29° 4	M12
T 13	13 24 10	22°55'56	14°21	5°36	12°43	14°50	26° 0	20°27	18°34	1° 0	5° 8	16°38	17°57	27° 6	29° 8	T 13
W14	13 28 6	23°54'48	27°11	7°31	13°54	15°20	25°59	20°26	18°32	0°59	5° 9	16°40	17°54	27°13	29°12	W14
T 15	13 32 3	24°53'39	9♑41	9°23	15° 4	15°50	25°57	20°24	18°30	0°58	5°10	16°41	17°51	27°19	29°16	T 15
F 16	13 35 59	25°52'28	21°54	11°13	16°14	16°19	25°56	20°23	18°28	0°56	5°11	16°R42	17°48	27°26	29°19	F 16
S 17	13 39 56	26°51'15	3♒56	12°59	17°25	16°49	25°55	20°21	18°26	0°55	5°12	16°42	17°45	27°33	29°23	S 17
S 18	13 43 52	27°50'00	15°50	14°41	18°35	17°19	25°54	20°19	18°25	0°54	5°13	16°41	17°41	27°39	29°27	S 18
M19	13 47 49	28°48'44	27°42	16°20	19°46	17°49	25°53	20°17	18°23	0°53	5°14	16°39	17°38	27°46	29°31	M19
T 20	13 51 45	29°47'26	9♓35	17°55	20°57	18°20	25°53	20°16	18°21	0°51	5°16	16°36	17°35	27°53	29°35	T 20
W21	13 55 42	0♉46'06	21°34	19°25	22° 7	18°50	25°53	20°14	18°19	0°50	5°17	16°34	17°32	28° 0	29°39	W21
T 22	13 59 38	1°44'44	3♈41	20°50	23°18	19°21	25°D52	20°11	18°18	0°49	5°18	16°32	17°29	28° 6	29°43	T 22
F 23	14 3 35	2°43'20	15°59	22°11	24°29	19°51	25°52	20° 9	18°16	0°47	5°19	16°30	17°25	28°13	29°47	F 23
S 24	14 7 32	3°41'55	28°28	23°27	25°40	20°22	25°53	20° 7	18°14	0°46	5°20	16°28	17°22	28°20	29°51	S 24
S 25	14 11 28	4°40'28	11♉11	24°39	26°51	20°53	25°53	20° 5	18°13	0°44	5°21	16°D28	17°19	28°26	29°55	S 25
M26	14 15 25	5°38'59	24° 7	25°45	28° 2	21°24	25°54	20° 2	18°11	0°43	5°23	16°28	17°16	28°33	29°59	M26
T 27	14 19 21	6°37'28	7♊17	26°46	29°13	21°55	25°55	20° 0	18°10	0°41	5°24	16°28	17°13	28°40	0♊ 4	T 27
W28	14 23 18	7°35'55	20°40	27°42	0♈24	22°26	25°56	19°57	18° 8	0°40	5°25	16°29	17°10	28°47	0° 8	W28
T 29	14 27 14	8°34'20	4♋16	28°32	1°35	22°58	25°57	19°54	18° 7	0°39	5°26	16°30	17° 6	28°53	0°12	T 29
F 30	14 31 11	9♉32'43	18♋ 5	29♉17	2♈46	23♋29	25♎58	19♐51	18♍ 6	0♐37	5♊27	16♉31	17♉ 3	29♒ 0	0♊16	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n24	26n23	3n 7	3n23	1s 8	12s 1	0s 8	25n21	2n15	13n46	1n11	21s27	1n39	5n 6	0n49	18s42	1n43	8n54	12s24	16n54	17n21	17s44	16n29	3s23
F 2	4 47	27 13	4 1	4 18	0 59	11 41	0 12	25 19	2 14	13 48	1 11	21 27	1 39	5 7	0 49	18 42	1 43	8 54	12 24	16 54	17 20	17 41	16 30	3 23
S 3	5 10	26 22	4 41	5 14	0 50	11 20	0 16	25 16	2 14	13 49	1 11	21 27	1 39	5 7	0 49	18 42	1 43	8 55	12 23	16 54	17 19	17 39	16 31	3 23
S 4	5 33	23 49	5 6	6 10	0 41	10 58	0 19	25 13	2 13	13 50	1 11	21 27	1 39	5 8	0 49	18 41	1 43	8 55	12 23	16 53	17 18	17 36	16 32	3 23
M 5	5 56	19 43	5 11	7 6	0 31	10 37	0 23	25 9	2 12	13 51	1 11	21 27	1 39	5 9	0 49	18 41	1 43	8 55	12 23	16 52	17 17	17 34	16 32	3 23
T 6	6 19	14 22	4 57	8 2	0 21	10 15	0 27	25 6	2 11	13 52	1 11	21 26	1 39	5 10	0 49	18 41	1 44	8 56	12 23	16 51	17 16	17 31	16 33	3 23
W 7	6 41	8 9	4 23	8 57	0 10	9 53	0 30	25 3	2 10	13 53	1 11	21 26	1 39	5 11	0 49	18 41	1 44	8 56	12 22	16 50	17 15	17 29	16 34	3 23
T 8	7 4	1 29	3 31	9 53	0n 1	9 30	0 34	24 59	2 9	13 53	1 11	21 26	1 39	5 12	0 49	18 40	1 44	8 57	12 22	16 49	17 15	17 27	16 35	3 23
F 9	7 26	5s13	2 25	10 48	0 12	9 8	0 38	24 56	2 8	13 54	1 11	21 26	1 39	5 13	0 49	18 40	1 44	8 57	12 22	16 48	17 14	17 24	16 36	3 23
S 10	7 49	11 32	1 11	11 42	0 23	8 44	0 41	24 52	2 8	13 55	1 11	21 26	1 40	5 13	0 49	18 40	1 44	8 57	12 22	16 47	17 13	17 22	16 37	3 23
S 11	8 11	17 7	0s 5	12 34	0 34	8 21	0 44	24 48	2 7	13 55	1 10	21 26	1 40	5 14	0 49	18 40	1 44	8 58	12 22	16 47	17 12	17 19	16 37	3 23
M12	8 33	21 40	1 19	13 26	0 45	7 58	0 48	24 44	2 6	13 56	1 10	21 25	1 40	5 15	0 48	18 39	1 44	8 58	12 21	16 47	17 11	17 17	16 38	3 23
T 13	8 55	24 56	2 27	14 16	0 57	7 34	0 51	24 40	2 5	13 57	1 10	21 25	1 40	5 16	0 48	18 39	1 44	8 59	12 21	16 48	17 10	17 14	16 39	3 23
W14	9 16	26 48	3 25	15 5	1 8	7 10	0 54	24 36	2 4	13 57	1 10	21 25	1 40	5 16	0 48	18 39	1 44	8 59	12 21	16 48	17 9	17 12	16 40	3 23
T 15	9 38	27 15	4 12	15 51	1 19	6 45	0 57	24 32	2 4	13 57	1 10	21 25	1 40	5 17	0 48	18 39	1 44	8 59	12 21	16 49	17 8	17 9	16 41	3 23
F 16	9 59	26 21	4 46	16 36	1 29	6 21	1 0	24 27	2 3	13 58	1 10	21 25	1 40	5 18	0 48	18 38	1 44	9 0	12 21	16 49	17 8	17 7	16 42	3 23
S 17	10 21	24 14	5 7	17 18	1 39	5 56	1 3	24 23	2 2	13 58	1 10	21 24	1 40	5 19	0 48	18 38	1 44	9 0	12 20	16 49	17 7	17 4	16 42	3 23
S 18	10 42	21 5	5 15	17 58	1 49	5 31	1 5	24 18	2 1	13 58	1 10	21 24	1 40	5 19	0 48	18 38	1 44	9 0	12 20	16 49	17 6	17 2	16 43	3 23
M19	11 3	17 6	5 9	18 36	1 58	5 6	1 8	24 14	2 0	13 58	1 9	21 24	1 40	5 20	0 48	18 37	1 44	9 1	12 20	16 48	17 5	16 59	16 44	3 23
T 20	11 23	12 27	4 50	19 11	2 7	4 40	1 11	24 9	2 0	13 58	1 9	21 24	1 40	5 21	0 48	18 37	1 44	9 1	12 20	16 47	17 4	16 57	16 45	3 22
W21	11 44	7 18	4 18	19 44	2 15	4 15	1 13	24 4	1 59	13 58	1 9	21 24	1 40	5 21	0 48	18 37	1 44	9 1	12 20	16 47	17 3	16 54	16 46	3 22
T 22	12 4	1 49	3 35	20 14	2 22	3 49	1 16	23 59	1 58	13 58	1 9	21 23	1 41	5 22	0 48	18 37	1 44	9 2	12 19	16 46	17 2	16 52	16 47	3 22
F 23	12 25	3n49	2 41	20 41	2 28	3 23	1 18	23 53	1 57	13 58	1 9	21 23	1 41	5 23	0 48	18 36	1 44	9 2	12 19	16 45	17 1	16 49	16 48	3 22
S 24	12 45	9 24	1 38	21 6	2 34	2 57	1 20	23 48	1 56	13 58	1 9	21 23	1 41	5 23	0 48	18 36	1 44	9 3	12 19	16 45	17 0	16 47	16 48	3 22
S 25	13 4	14 43	0 29	21 28	2 38	2 31	1 23	23 42	1 56	13 58	1 9	21 23	1 41	5 24	0 48	18 36	1 44	9 3	12 19	16 45	16 59	16 44	16 49	3 22
M26	13 24	19 28	0n42	21 48	2 42	2 5	1 25	23 37	1 55	13 57	1 8	21 22	1 41	5 24	0 48	18 35	1 44	9 3	12 19	16 45	16 59	16 42	16 50	3 22
T 27	13 43	23 22	1 53	22 5	2 44	1 38	1 27	23 31	1 54	13 57	1 8	21 22	1 41	5 25	0 48	18 35	1 44	9 4	12 19	16 45	16 58	16 39	16 51	3 22
W28	14 2	26 4	2 58	22 19	2 46	1 12	1 29	23 25	1 53	13 56	1 8	21 22	1 41	5 25	0 48	18 35	1 44	9 4	12 18	16 45	16 57	16 37	16 52	3 22
T 29	14 21	27 16	3 55	22 31	2 46	0 45	1 30	23 19	1 53	13 56	1 8	21 22	1 41	5 26	0 48	18 34	1 44	9 4	12 18	16 46	16 56	16 34	16 53	3 22
F 30	14n40	26n48	4n39	22n41	2n46	0s19	1s32	23n13	1n52	13n55	1n 8	21s21	1n41	5n26	0n48	18s34	1n44	9n 5	12s18	16n46	16n55	16s32	16n54	3s22

Julian Day Number = 2500577.5, Delta T = 111.49 sec
Ecliptic obliquity = 23°25'25, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°36'58, Lahiri = 25°43'58

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ASTRODIENST EPHEMERIS for the year 2134
geocentric

MAY 2134 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 8	10♉31'04	2♌ 4	29♉57	3♈57	24♋ 1	26♌ 0	19°R49	18°R 4	0°R36	5♊29	16♉31	17♉ 0	29♒ 7	0♊20	S 1
S 2	14 39 4	11°29'23	16°13	0♊31	5° 8	24°32	26° 1	19♐46	18♍ 3	0♐34	5°30	16°R31	16°57	29°14	0°25	S 2
M 3	14 43 1	12°27'39	0♍30	0°59	6°19	25° 4	26° 3	19°43	18° 2	0°33	5°31	16°31	16°54	29°20	0°29	M 3
T 4	14 46 57	13°25'54	14°52	1°22	7°30	25°36	26° 5	19°40	18° 1	0°31	5°32	16°30	16°50	29°27	0°33	T 4
W 5	14 50 54	14°24'06	29°16	1°40	8°42	26° 8	26° 8	19°36	18° 0	0°30	5°34	16°30	16°47	29°34	0°37	W 5
T 6	14 54 50	15°22'17	13♎36	1°52	9°53	26°40	26°10	19°33	17°59	0°28	5°35	16°30	16°44	29°40	0°42	T 6
F 7	14 58 47	16°20'25	27°50	1°58	11° 4	27°12	26°13	19°30	17°58	0°26	5°36	16°D30	16°41	29°47	0°46	F 7
S 8	15 2 43	17°18'32	11♏51	2°R 0	12°16	27°44	26°15	19°27	17°57	0°25	5°38	16°R30	16°38	29°54	0°50	S 8
S 9	15 6 40	18°16'37	25°37	1°56	13°27	28°16	26°18	19°23	17°56	0°23	5°39	16°30	16°35	0♓ 1	0°55	S 9
M10	15 10 36	19°14'41	9♐ 5	1°48	14°38	28°49	26°21	19°20	17°55	0°22	5°40	16°30	16°31	0° 7	0°59	M10
T 11	15 14 33	20°12'43	22°13	1°34	15°50	29°21	26°25	19°16	17°54	0°20	5°42	16°29	16°28	0°14	1° 3	T 11
W12	15 18 30	21°10'43	5♑ 2	1°17	17° 1	29°54	26°28	19°13	17°53	0°19	5°43	16°29	16°25	0°21	1° 8	W12
T 13	15 22 26	22° 8'43	17°33	0°55	18°13	0♌26	26°32	19° 9	17°53	0°17	5°44	16°28	16°22	0°27	1°12	T 13
F 14	15 26 23	23° 6'40	29°48	0°30	19°24	0°59	26°36	19° 5	17°52	0°15	5°46	16°28	16°19	0°34	1°17	F 14
S 15	15 30 19	24° 4'37	11♒52	0° 1	20°36	1°32	26°40	19° 1	17°51	0°14	5°47	16°27	16°16	0°41	1°21	S 15
S 16	15 34 16	25° 2'32	23°48	29♉31	21°48	2° 5	26°44	18°58	17°51	0°12	5°48	16°D27	16°12	0°48	1°25	S 16
M17	15 38 12	26° 0'26	5♓41	28°58	22°59	2°38	26°48	18°54	17°50	0°10	5°50	16°27	16° 9	0°54	1°30	M17
T 18	15 42 9	26°58'18	17°36	28°23	24°11	3°11	26°53	18°50	17°50	0° 9	5°51	16°28	16° 6	1° 1	1°34	T 18
W19	15 46 6	27°56'10	29°36	27°48	25°23	3°44	26°57	18°46	17°50	0° 7	5°52	16°29	16° 3	1° 8	1°39	W19
T 20	15 50 2	28°54'00	11♈47	27°13	26°34	4°17	27° 2	18°42	17°49	0° 6	5°54	16°30	16° 0	1°14	1°43	T 20
F 21	15 53 59	29°51'49	24°11	26°38	27°46	4°50	27° 7	18°38	17°49	0° 4	5°55	16°31	15°56	1°21	1°48	F 21
S 22	15 57 55	0♊49'37	6♉52	26° 4	28°58	5°23	27°12	18°34	17°49	0° 2	5°56	16°32	15°53	1°28	1°52	S 22
S 23	16 1 52	1°47'23	19°51	25°32	0♉10	5°57	27°17	18°30	17°48	0° 1	5°58	16°R32	15°50	1°35	1°57	S 23
M24	16 5 48	2°45'08	3♊ 8	25° 2	1°22	6°30	27°23	18°25	17°48	29♏59	5°59	16°31	15°47	1°41	2° 1	M24
T 25	16 9 45	3°42'52	16°43	24°35	2°34	7° 4	27°28	18°21	17°48	29°57	6° 0	16°30	15°44	1°48	2° 5	T 25
W26	16 13 41	4°40'35	0♋33	24°10	3°45	7°37	27°34	18°17	17°D48	29°56	6° 2	16°28	15°41	1°55	2°10	W26
T 27	16 17 38	5°38'16	14°35	23°49	4°57	8°11	27°40	18°13	17°48	29°54	6° 3	16°25	15°37	2° 2	2°14	T 27
F 28	16 21 35	6°35'56	28°46	23°32	6° 9	8°45	27°46	18° 8	17°48	29°53	6° 4	16°23	15°34	2° 8	2°19	F 28
S 29	16 25 31	7°33'34	13♌ 1	23°19	7°21	9°19	27°52	18° 4	17°49	29°51	6° 6	16°20	15°31	2°15	2°23	S 29
S 30	16 29 28	8°31'11	27°17	23° 9	8°33	9°53	27°58	18° 0	17°49	29°49	6° 7	16°19	15°28	2°22	2°28	S 30
M31	16 33 24	9♊28'46	11♍31	23♉ 5	9♉45	10♌27	28♌ 4	17♐55	17♍49	29♏48	6♊ 9	16°D19	15♉25	2♓28	2♊32	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n58	24n40	5n 7	22n48	2n44	0n 8	1s34	23n 7	1n51	13n55	1n 8	21s21	1n41	5n27	0n48	18s34	1n44	9n 5	12s18	16n46	16n54	16s29	16n54	3s22
S 2	15 16	21 0	5 17	22 52	2 41	0 35	1 35	23 1	1 50	13 54	1 8	21 21	1 41	5 27	0 48	18 33	1 44	9 5	12 18	16 46	16 53	16 27	16 55	3 22
M 3	15 34	16 5	5 7	22 54	2 37	1 1	1 37	22 54	1 50	13 53	1 8	21 21	1 41	5 28	0 48	18 33	1 44	9 6	12 18	16 46	16 52	16 24	16 56	3 22
T 4	15 52	10 14	4 39	22 54	2 32	1 28	1 38	22 48	1 49	13 52	1 7	21 20	1 41	5 28	0 48	18 33	1 44	9 6	12 18	16 46	16 51	16 21	16 57	3 22
W 5	16 9	3 51	3 53	22 51	2 25	1 55	1 40	22 41	1 48	13 51	1 7	21 20	1 41	5 29	0 48	18 32	1 44	9 6	12 18	16 46	16 51	16 19	16 58	3 22
T 6	16 26	2s43	2 52	22 46	2 17	2 22	1 41	22 34	1 47	13 50	1 7	21 20	1 41	5 29	0 48	18 32	1 44	9 7	12 17	16 46	16 50	16 16	16 59	3 23
F 7	16 43	9 7	1 42	22 39	2 9	2 49	1 42	22 27	1 47	13 49	1 7	21 19	1 41	5 29	0 48	18 32	1 44	9 7	12 17	16 46	16 49	16 14	17 0	3 23
S 8	16 59	14 58	0 26	22 29	1 59	3 16	1 43	22 20	1 46	13 48	1 7	21 19	1 41	5 30	0 48	18 31	1 44	9 7	12 17	16 46	16 48	16 11	17 0	3 23
S 9	17 16	19 58	0s50	22 17	1 47	3 42	1 44	22 13	1 45	13 47	1 7	21 19	1 41	5 30	0 48	18 31	1 44	9 8	12 17	16 46	16 47	16 8	17 1	3 23
M10	17 32	23 48	2 2	22 3	1 35	4 9	1 45	22 5	1 45	13 46	1 7	21 19	1 41	5 30	0 48	18 31	1 44	9 8	12 17	16 46	16 46	16 6	17 2	3 23
T 11	17 47	26 17	3 5	21 48	1 22	4 36	1 46	21 58	1 44	13 45	1 6	21 18	1 41	5 30	0 47	18 30	1 44	9 8	12 17	16 45	16 45	16 3	17 3	3 23
W12	18 3	27 17	3 58	21 30	1 7	5 3	1 46	21 50	1 43	13 43	1 6	21 18	1 41	5 31	0 47	18 30	1 44	9 9	12 17	16 45	16 44	16 1	17 4	3 23
T 13	18 18	26 51	4 37	21 11	0 52	5 29	1 47	21 43	1 42	13 42	1 6	21 18	1 41	5 31	0 47	18 30	1 44	9 9	12 17	16 45	16 43	15 58	17 5	3 23
F 14	18 32	25 7	5 3	20 50	0 36	5 56	1 48	21 35	1 42	13 41	1 6	21 17	1 41	5 31	0 47	18 29	1 44	9 9	12 17	16 45	16 42	15 55	17 6	3 23
S 15	18 47	22 16	5 16	20 28	0 20	6 22	1 48	21 27	1 41	13 39	1 6	21 17	1 42	5 31	0 47	18 29	1 44	9 10	12 16	16 45	16 41	15 53	17 6	3 23
S 16	19 1	18 31	5 14	20 5	0 3	6 49	1 48	21 19	1 40	13 38	1 6	21 17	1 42	5 32	0 47	18 29	1 44	9 10	12 16	16 45	16 41	15 50	17 7	3 23
M17	19 15	14 3	4 59	19 40	0s15	7 15	1 49	21 11	1 40	13 36	1 6	21 16	1 42	5 32	0 47	18 28	1 44	9 10	12 16	16 45	16 40	15 48	17 8	3 23
T 18	19 28	9 3	4 31	19 16	0 32	7 41	1 49	21 2	1 39	13 34	1 5	21 16	1 42	5 32	0 47	18 28	1 44	9 10	12 16	16 45	16 39	15 45	17 9	3 23
W19	19 41	3 42	3 51	18 51	0 50	8 7	1 49	20 54	1 38	13 33	1 5	21 16	1 42	5 32	0 47	18 28	1 44	9 11	12 16	16 45	16 38	15 42	17 10	3 23
T 20	19 54	1n53	3 0	18 26	1 7	8 33	1 49	20 45	1 38	13 31	1 5	21 15	1 42	5 32	0 47	18 27	1 44	9 11	12 16	16 45	16 37	15 40	17 10	3 23
F 21	20 6	7 31	2 0	18 1	1 24	8 59	1 49	20 37	1 37	13 29	1 5	21 15	1 42	5 32	0 47	18 27	1 44	9 11	12 16	16 46	16 36	15 37	17 11	3 23
S 22	20 19	12 58	0 53	17 37	1 41	9 24	1 49	20 28	1 36	13 27	1 5	21 15	1 42	5 32	0 47	18 27	1 44	9 12	12 16	16 46	16 35	15 34	17 12	3 23
S 23	20 30	17 59	0n18	17 14	1 57	9 49	1 49	20 19	1 35	13 25	1 5	21 14	1 42	5 32	0 47	18 26	1 44	9 12	12 16	16 46	16 34	15 32	17 13	3 23
M24	20 42	22 15	1 30	16 52	2 12	10 15	1 48	20 10	1 35	13 23	1 5	21 14	1 41	5 32	0 47	18 26	1 44	9 12	12 16	16 46	16 33	15 29	17 14	3 23
T 25	20 53	25 24	2 39	16 32	2 27	10 40	1 48	20 1	1 34	13 21	1 5	21 14	1 41	5 32	0 47	18 26	1 44	9 12	12 16	16 45	16 32	15 26	17 14	3 24
W26	21 4	27 5	3 39	16 13	2 40	11 4	1 48	19 51	1 33	13 19	1 4	21 13	1 41	5 32	0 47	18 25	1 44	9 13	12 16	16 45	16 31	15 24	17 15	3 24
T 27	21 14	27 3	4 27	15 55	2 53	11 29	1 47	19 42	1 33	13 17	1 4	21 13	1 41	5 32	0 47	18 25	1 44	9 13	12 16	16 44	16 30	15 21	17 16	3 24
F 28	21 24	25 17	5 0	15 40	3 4	11 53	1 47	19 33	1 32	13 15	1 4	21 13	1 41	5 32	0 47	18 25	1 44	9 13	12 16	16 43	16 30	15 18	17 17	3 24
S 29	21 33	21 54	5 14	15 27	3 15	12 17	1 46	19 23	1 31	13 13	1 4	21 12	1 41	5 32	0 47	18 24	1 44	9 13	12 16	16 43	16 29	15 16	17 17	3 24
S 30	21 43	17 14	5 9	15 15	3 24	12 41	1 45	19 13	1 31	13 10	1 4	21 12	1 41	5 32	0 47	18 24	1 44	9 14	12 16	16 42	16 28	15 13	17 18	3 24
M31	21n51	11n37	4n45	15n 7	3s32	13n 5	1s44	19n 3	1n30	13n 8	1n 4	21s12	1n41	5n32	0n47	18s24	1n44	9n14	12s16	16n42	16n27	15s10	17n19	3s24

Julian Day Number = 2500607.5, Delta T = 111.54 sec
Ecliptic obliquity = 23°25'25, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°37'02, Lahiri = 25°44'02

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ASTRODIENST EPHEMERIS for the year 2134
geocentric

JUNE 2134 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 21	10♊26'20	25♍41	23°D 4	10♉57	11♌ 1	28♌11	17°R51	17♍49	29°R46	6♊10	16♉19	15♉22	2♓35	2♊37	T 1
W 2	16 41 17	11°23'52	9♎44	23♉ 8	12° 9	11°35	28°18	17♐47	17°50	29♏45	6°11	16°21	15°18	2°42	2°41	W 2
T 3	16 45 14	12°21'23	23°39	23°16	13°21	12° 9	28°24	17°42	17°50	29°43	6°13	16°22	15°15	2°49	2°45	T 3
F 4	16 49 10	13°18'53	7♏25	23°29	14°33	12°43	28°31	17°38	17°51	29°41	6°14	16°23	15°12	2°55	2°50	F 4
S 5	16 53 7	14°16'22	21° 0	23°47	15°45	13°17	28°38	17°33	17°51	29°40	6°15	16°R23	15° 9	3° 2	2°54	S 5
S 6	16 57 4	15°13'49	4♐23	24° 9	16°58	13°51	28°46	17°29	17°52	29°38	6°17	16°22	15° 6	3° 9	2°59	S 6
M 7	17 1 0	16°11'16	17°32	24°35	18°10	14°26	28°53	17°24	17°52	29°37	6°18	16°20	15° 2	3°15	3° 3	M 7
T 8	17 4 57	17° 8'41	0♑26	25° 5	19°22	15° 0	29° 0	17°20	17°53	29°35	6°19	16°16	14°59	3°22	3° 7	T 8
W 9	17 8 53	18° 6'06	13° 7	25°40	20°34	15°35	29° 8	17°16	17°54	29°34	6°21	16°11	14°56	3°29	3°12	W 9
T 10	17 12 50	19° 3'30	25°32	26°18	21°46	16° 9	29°16	17°11	17°55	29°32	6°22	16° 5	14°53	3°36	3°16	T 10
F 11	17 16 46	20° 0'53	7♒46	27° 1	22°58	16°44	29°24	17° 7	17°55	29°31	6°23	16° 0	14°50	3°42	3°20	F 11
S 12	17 20 43	20°58'16	19°48	27°48	24°11	17°19	29°32	17° 2	17°56	29°29	6°25	15°55	14°47	3°49	3°25	S 12
S 13	17 24 39	21°55'38	1♓44	28°38	25°23	17°53	29°40	16°58	17°57	29°28	6°26	15°52	14°43	3°56	3°29	S 13
M14	17 28 36	22°52'59	13°37	29°32	26°35	18°28	29°48	16°53	17°58	29°26	6°27	15°50	14°40	4° 2	3°33	M14
T 15	17 32 33	23°50'20	25°30	0♈30	27°48	19° 3	29°56	16°49	17°59	29°25	6°29	15°D49	14°37	4° 9	3°38	T 15
W16	17 36 29	24°47'40	7♈30	1°31	29° 0	19°38	0♍ 5	16°45	18° 0	29°23	6°30	15°50	14°34	4°16	3°42	W16
T 17	17 40 26	25°45'00	19°41	2°36	0♊12	20°13	0°13	16°40	18° 1	29°22	6°31	15°51	14°31	4°23	3°46	T 17
F 18	17 44 22	26°42'20	2♉ 8	3°45	1°25	20°48	0°22	16°36	18° 3	29°21	6°33	15°53	14°28	4°29	3°50	F 18
S 19	17 48 19	27°39'39	14°55	4°57	2°37	21°23	0°30	16°32	18° 4	29°19	6°34	15°R54	14°24	4°36	3°55	S 19
S 20	17 52 15	28°36'58	28° 4	6°12	3°50	21°58	0°39	16°27	18° 5	29°18	6°35	15°53	14°21	4°43	3°59	S 20
M21	17 56 12	29°34'16	11♊37	7°30	5° 2	22°33	0°48	16°23	18° 7	29°16	6°36	15°50	14°18	4°49	4° 3	M21
T 22	18 0 8	0♋31'35	25°32	8°52	6°15	23° 8	0°57	16°19	18° 8	29°15	6°38	15°46	14°15	4°56	4° 7	T 22
W23	18 4 5	1°28'52	9♋48	10°17	7°27	23°43	1° 7	16°15	18° 9	29°14	6°39	15°40	14°12	5° 3	4°11	W23
T 24	18 8 2	2°26'10	24°17	11°46	8°40	24°19	1°16	16°10	18°11	29°12	6°40	15°33	14° 8	5°10	4°15	T 24
F 25	18 11 58	3°23'26	8♌55	13°17	9°52	24°54	1°25	16° 6	18°13	29°11	6°41	15°26	14° 5	5°16	4°19	F 25
S 26	18 15 55	4°20'42	23°33	14°52	11° 5	25°29	1°35	16° 2	18°14	29°10	6°43	15°19	14° 2	5°23	4°23	S 26
S 27	18 19 51	5°17'58	8♍ 5	16°29	12°18	26° 5	1°44	15°58	18°16	29° 9	6°44	15°15	13°59	5°30	4°27	S 27
M28	18 23 48	6°15'12	22°27	18°10	13°30	26°40	1°54	15°54	18°17	29° 7	6°45	15°12	13°56	5°36	4°31	M28
T 29	18 27 44	7°12'26	6♎36	19°54	14°43	27°16	2° 4	15°50	18°19	29° 6	6°46	15°D11	13°53	5°43	4°35	T 29
W30	18 31 41	8♋ 9'40	20♎29	21♊41	15♊55	27♌52	2♍14	15♐46	18♍21	29♏ 5	6♊47	15♉12	13♉49	5♓50	4♊39	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 0	5n26	4n 3	15n 0	3s39	13n28	1s44	18n53	1n29	13n 6	1n 4	21s11	1n41	5n32	0n47	18s23	1n44	9n14	12s16	16n43	16n26	15s 8	17n20	3s24
W 2	22 8	0s59	3 8	14 55	3 45	13 51	1 43	18 43	1 29	13 3	1 4	21 11	1 41	5 31	0 47	18 23	1 44	9 14	12 16	16 43	16 25	15 5	17 20	3 24
T 3	22 16	7 18	2 2	14 53	3 49	14 13	1 42	18 33	1 28	13 1	1 3	21 11	1 41	5 31	0 46	18 23	1 44	9 15	12 16	16 43	16 24	15 2	17 21	3 24
F 4	22 23	13 12	0 49	14 53	3 53	14 36	1 40	18 23	1 27	12 58	1 3	21 10	1 41	5 31	0 46	18 22	1 44	9 15	12 16	16 44	16 23	15 0	17 22	3 25
S 5	22 30	18 24	0s25	14 54	3 55	14 58	1 39	18 12	1 27	12 56	1 3	21 10	1 41	5 31	0 46	18 22	1 44	9 15	12 16	16 44	16 22	14 57	17 23	3 25
S 6	22 36	22 35	1 37	14 58	3 56	15 19	1 38	18 2	1 26	12 53	1 3	21 10	1 41	5 30	0 46	18 22	1 44	9 15	12 16	16 43	16 21	14 54	17 23	3 25
M 7	22 42	25 32	2 42	15 4	3 57	15 41	1 37	17 51	1 25	12 50	1 3	21 9	1 41	5 30	0 46	18 21	1 44	9 15	12 16	16 43	16 20	14 52	17 24	3 25
T 8	22 48	27 3	3 38	15 12	3 56	16 1	1 36	17 41	1 25	12 48	1 3	21 9	1 41	5 30	0 46	18 21	1 44	9 16	12 16	16 41	16 19	14 49	17 25	3 25
W 9	22 53	27 7	4 21	15 22	3 55	16 22	1 34	17 30	1 24	12 45	1 3	21 8	1 41	5 29	0 46	18 21	1 44	9 16	12 16	16 40	16 18	14 46	17 25	3 25
T 10	22 58	25 47	4 51	15 33	3 52	16 42	1 33	17 19	1 24	12 42	1 3	21 8	1 41	5 29	0 46	18 20	1 44	9 16	12 16	16 38	16 17	14 43	17 26	3 25
F 11	23 3	23 16	5 8	15 46	3 49	17 2	1 31	17 8	1 23	12 39	1 3	21 8	1 41	5 29	0 46	18 20	1 44	9 16	12 16	16 37	16 17	14 41	17 27	3 26
S 12	23 7	19 46	5 10	16 0	3 45	17 21	1 30	16 57	1 22	12 36	1 2	21 7	1 41	5 28	0 46	18 20	1 44	9 16	12 16	16 36	16 16	14 38	17 27	3 26
S 13	23 11	15 30	4 59	16 16	3 40	17 40	1 28	16 45	1 22	12 33	1 2	21 7	1 40	5 28	0 46	18 20	1 44	9 17	12 16	16 35	16 15	14 35	17 28	3 26
M14	23 14	10 41	4 35	16 33	3 35	17 59	1 26	16 34	1 21	12 30	1 2	21 7	1 40	5 28	0 46	18 19	1 44	9 17	12 16	16 34	16 14	14 32	17 29	3 26
T 15	23 17	5 27	4 0	16 51	3 28	18 17	1 25	16 22	1 20	12 27	1 2	21 6	1 40	5 27	0 46	18 19	1 44	9 17	12 16	16 34	16 13	14 30	17 29	3 26
W16	23 19	0n 1	3 13	17 10	3 22	18 35	1 23	16 11	1 20	12 24	1 2	21 6	1 40	5 27	0 46	18 19	1 44	9 17	12 16	16 34	16 12	14 27	17 30	3 26
T 17	23 21	5 35	2 17	17 30	3 14	18 52	1 21	15 59	1 19	12 21	1 2	21 6	1 40	5 26	0 46	18 18	1 44	9 17	12 16	16 34	16 11	14 24	17 31	3 26
F 18	23 23	11 3	1 14	17 50	3 6	19 8	1 19	15 47	1 18	12 18	1 2	21 5	1 40	5 26	0 46	18 18	1 44	9 17	12 16	16 35	16 10	14 21	17 31	3 27
S 19	23 24	16 13	0 5	18 12	2 57	19 25	1 17	15 36	1 18	12 15	1 2	21 5	1 40	5 25	0 46	18 18	1 44	9 18	12 16	16 35	16 9	14 19	17 32	3 27
S 20	23 25	20 47	1n 5	18 34	2 48	19 40	1 15	15 24	1 17	12 12	1 2	21 5	1 40	5 25	0 46	18 18	1 44	9 18	12 16	16 35	16 8	14 16	17 32	3 27
M21	23 25	24 23	2 15	18 56	2 39	19 56	1 13	15 12	1 16	12 8	1 2	21 4	1 40	5 24	0 46	18 17	1 44	9 18	12 16	16 34	16 7	14 13	17 33	3 27
T 22	23 25	26 38	3 17	19 19	2 29	20 10	1 11	14 59	1 16	12 5	1 1	21 4	1 40	5 23	0 46	18 17	1 44	9 18	12 16	16 33	16 6	14 10	17 34	3 27
W23	23 25	27 13	4 10	19 42	2 18	20 24	1 9	14 47	1 15	12 2	1 1	21 4	1 39	5 23	0 46	18 17	1 44	9 18	12 16	16 31	16 5	14 8	17 34	3 27
T 24	23 24	25 56	4 46	20 4	2 8	20 38	1 7	14 35	1 15	11 58	1 1	21 4	1 39	5 22	0 46	18 17	1 44	9 18	12 16	16 29	16 4	14 5	17 35	3 28
F 25	23 23	22 55	5 5	20 27	1 57	20 51	1 5	14 23	1 14	11 55	1 1	21 3	1 39	5 22	0 46	18 16	1 44	9 18	12 16	16 27	16 3	14 2	17 35	3 28
S 26	23 21	18 26	5 4	20 49	1 45	21 4	1 2	14 10	1 13	11 51	1 1	21 3	1 39	5 21	0 46	18 16	1 44	9 18	12 16	16 25	16 2	13 59	17 36	3 28
S 27	23 19	12 54	4 43	21 11	1 34	21 16	1 0	13 57	1 13	11 48	1 1	21 3	1 39	5 20	0 45	18 16	1 44	9 19	12 17	16 24	16 1	13 56	17 36	3 28
M28	23 17	6 44	4 5	21 32	1 22	21 27	0 58	13 45	1 12	11 44	1 1	21 2	1 39	5 19	0 45	18 16	1 44	9 19	12 17	16 23	16 1	13 54	17 37	3 28
T 29	23 14	0 19	3 12	21 53	1 10	21 38	0 56	13 32	1 11	11 41	1 1	21 2	1 39	5 19	0 45	18 16	1 44	9 19	12 17	16 23	16 0	13 51	17 37	3 29
W30	23n10	6s 1	2n 9	22n12	0s58	21n48	0s53	13n19	1n11	11n37	1n 1	21s 2	1n39	5n18	0n45	18s15	1n44	9n19	12s17	16n23	15n59	13s48	17n38	3s29

Julian Day Number = 2500638.5, Delta T = 111.59 sec
Ecliptic obliquity = 23°25'25, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°37'06, Lahiri = 25°44'07

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ASTRODIENST EPHEMERIS for the year 2134
geocentric

JULY 2134 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 38	9♋ 6'53	4♏ 8	23♊30	17♊ 8	28♌27	2♍24	15°R42	18♍23	29°R 4	6♊49	15♉13	13♉46	5♓57	4♊43	T 1
F 2	18 39 34	10° 4'05	17°33	25°23	18°21	29° 3	2°34	15♐38	18°25	29♏ 3	6°50	15°R13	13°43	6° 3	4°47	F 2
S 3	18 43 31	11° 1'17	0♐46	27°18	19°34	29°39	2°44	15°35	18°27	29° 2	6°51	15°12	13°40	6°10	4°51	S 3
S 4	18 47 27	11°58'29	13°46	29°16	20°46	0♍15	2°54	15°31	18°29	29° 1	6°52	15° 8	13°37	6°17	4°55	S 4
M 5	18 51 24	12°55'41	26°34	1♋16	21°59	0°50	3° 4	15°27	18°31	29° 0	6°53	15° 3	13°34	6°23	4°58	M 5
T 6	18 55 20	13°52'53	9♑12	3°18	23°12	1°26	3°15	15°24	18°33	28°58	6°54	14°55	13°30	6°30	5° 2	T 6
W 7	18 59 17	14°50'04	21°39	5°22	24°25	2° 2	3°25	15°20	18°35	28°57	6°56	14°45	13°27	6°37	5° 6	W 7
T 8	19 3 13	15°47'15	3♒55	7°27	25°38	2°38	3°36	15°16	18°37	28°56	6°57	14°34	13°24	6°44	5°10	T 8
F 9	19 7 10	16°44'27	16° 2	9°34	26°51	3°14	3°46	15°13	18°39	28°55	6°58	14°23	13°21	6°50	5°13	F 9
S 10	19 11 7	17°41'38	28° 1	11°43	28° 4	3°50	3°57	15°10	18°41	28°55	6°59	14°13	13°18	6°57	5°17	S 10
S 11	19 15 3	18°38'50	9♓54	13°52	29°16	4°26	4° 8	15° 6	18°44	28°54	7° 0	14° 5	13°14	7° 4	5°20	S 11
M12	19 19 0	19°36'02	21°45	16° 1	0♋29	5° 3	4°18	15° 3	18°46	28°53	7° 1	13°59	13°11	7°10	5°24	M12
T 13	19 22 56	20°33'15	3♈37	18°11	1°42	5°39	4°29	15° 0	18°48	28°52	7° 2	13°55	13° 8	7°17	5°27	T 13
W14	19 26 53	21°30'28	15°35	20°21	2°55	6°15	4°40	14°57	18°51	28°51	7° 3	13°54	13° 5	7°24	5°31	W14
T 15	19 30 49	22°27'41	27°44	22°30	4° 9	6°51	4°51	14°54	18°53	28°50	7° 4	13°D53	13° 2	7°31	5°34	T 15
F 16	19 34 46	23°24'55	10♉10	24°39	5°22	7°28	5° 3	14°51	18°56	28°49	7° 5	13°R54	12°59	7°37	5°38	F 16
S 17	19 38 42	24°22'10	22°56	26°47	6°35	8° 4	5°14	14°48	18°58	28°49	7° 6	13°54	12°55	7°44	5°41	S 17
S 18	19 42 39	25°19'25	6♊ 7	28°54	7°48	8°41	5°25	14°45	19° 1	28°48	7° 7	13°52	12°52	7°51	5°44	S 18
M19	19 46 36	26°16'41	19°46	1♌ 0	9° 1	9°17	5°36	14°42	19° 3	28°47	7° 8	13°48	12°49	7°57	5°48	M19
T 20	19 50 32	27°13'57	3♋53	3° 4	10°14	9°54	5°48	14°39	19° 6	28°47	7° 9	13°41	12°46	8° 4	5°51	T 20
W21	19 54 29	28°11'14	18°25	5° 7	11°27	10°30	5°59	14°37	19° 9	28°46	7°10	13°32	12°43	8°11	5°54	W21
T 22	19 58 25	29° 8'31	3♌15	7° 9	12°41	11° 7	6°11	14°34	19°11	28°45	7°11	13°22	12°40	8°18	5°57	T 22
F 23	20 2 22	0♌ 5'49	18°16	9° 9	13°54	11°44	6°22	14°32	19°14	28°45	7°12	13°11	12°36	8°24	6° 0	F 23
S 24	20 6 18	1° 3'07	3♍18	11° 8	15° 7	12°21	6°34	14°29	19°17	28°44	7°12	13° 2	12°33	8°31	6° 3	S 24
S 25	20 10 15	2° 0'25	18°10	13° 5	16°21	12°57	6°46	14°27	19°20	28°44	7°13	12°54	12°30	8°38	6° 6	S 25
M26	20 14 11	2°57'44	2♎47	15° 0	17°34	13°34	6°57	14°25	19°23	28°43	7°14	12°49	12°27	8°44	6° 9	M26
T 27	20 18 8	3°55'03	17° 4	16°53	18°47	14°11	7° 9	14°23	19°26	28°43	7°15	12°47	12°24	8°51	6°12	T 27
W28	20 22 5	4°52'22	0♏59	18°45	20° 1	14°48	7°21	14°21	19°28	28°42	7°16	12°46	12°20	8°58	6°15	W28
T 29	20 26 1	5°49'42	14°32	20°35	21°14	15°25	7°33	14°19	19°31	28°42	7°17	12°46	12°17	9° 4	6°18	T 29
F 30	20 29 58	6°47'02	27°47	22°23	22°28	16° 2	7°45	14°17	19°34	28°41	7°17	12°45	12°14	9°11	6°20	F 30
S 31	20 33 54	7♌44'23	10♐44	24♌10	23♋41	16♍39	7♍57	14♐15	19♍37	28♏41	7♊18	12♉43	12♉11	9♓18	6♊23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 7	11s58	0n59	22n30	0s46	21n57	0s51	13n 6	1n10	11n34	1n 1	21s 2	1n38	5n17	0n45	18s15	1n44	9n19	12s17	16n23	15n58	13s45	17n38	3s29
F 2	23 3	17 16	0s13	22 47	0 34	22 6	0 48	12 53	1 10	11 30	1 1	21 1	1 38	5 16	0 45	18 15	1 43	9 19	12 17	16 23	15 57	13 42	17 39	3 29
S 3	22 58	21 38	1 22	23 2	0 22	22 15	0 46	12 40	1 9	11 26	1 1	21 1	1 38	5 16	0 45	18 15	1 43	9 19	12 17	16 23	15 56	13 40	17 39	3 29
S 4	22 53	24 52	2 27	23 15	0 11	22 23	0 44	12 27	1 8	11 22	1 0	21 1	1 38	5 15	0 45	18 15	1 43	9 19	12 17	16 22	15 55	13 37	17 40	3 30
M 5	22 48	26 45	3 22	23 26	0n 1	22 30	0 41	12 13	1 8	11 19	1 0	21 0	1 38	5 14	0 45	18 14	1 43	9 19	12 17	16 20	15 54	13 34	17 40	3 30
T 6	22 42	27 13	4 7	23 35	0 12	22 36	0 39	12 0	1 7	11 15	1 0	21 0	1 38	5 13	0 45	18 14	1 43	9 19	12 17	16 18	15 53	13 31	17 41	3 30
W 7	22 36	26 17	4 39	23 42	0 23	22 42	0 36	11 47	1 7	11 11	1 0	21 0	1 38	5 12	0 45	18 14	1 43	9 19	12 18	16 15	15 52	13 28	17 41	3 30
T 8	22 29	24 5	4 58	23 46	0 33	22 47	0 34	11 33	1 6	11 7	1 0	21 0	1 37	5 11	0 45	18 14	1 43	9 19	12 18	16 12	15 51	13 25	17 41	3 31
F 9	22 23	20 50	5 3	23 48	0 43	22 52	0 31	11 20	1 5	11 3	1 0	21 0	1 37	5 11	0 45	18 14	1 43	9 19	12 18	16 9	15 50	13 23	17 42	3 31
S 10	22 15	16 45	4 54	23 47	0 52	22 56	0 29	11 6	1 5	10 59	1 0	20 59	1 37	5 10	0 45	18 13	1 43	9 19	12 18	16 6	15 49	13 20	17 42	3 31
S 11	22 8	12 4	4 33	23 43	1 1	22 59	0 26	10 52	1 4	10 55	1 0	20 59	1 37	5 9	0 45	18 13	1 43	9 19	12 18	16 3	15 48	13 17	17 43	3 31
M12	22 0	6 57	4 0	23 36	1 9	23 2	0 24	10 38	1 3	10 51	1 0	20 59	1 37	5 8	0 45	18 13	1 43	9 19	12 18	16 1	15 47	13 14	17 43	3 32
T 13	21 51	1 34	3 17	23 27	1 16	23 4	0 21	10 25	1 3	10 47	1 0	20 59	1 37	5 7	0 45	18 13	1 43	9 19	12 18	16 0	15 46	13 11	17 43	3 32
W14	21 42	3n55	2 25	23 15	1 23	23 5	0 18	10 11	1 2	10 43	1 0	20 59	1 36	5 6	0 45	18 13	1 43	9 20	12 19	16 0	15 45	13 8	17 44	3 32
T 15	21 33	9 21	1 25	23 0	1 29	23 6	0 16	9 57	1 2	10 39	1 0	20 58	1 36	5 5	0 45	18 13	1 43	9 20	12 19	16 0	15 44	13 5	17 44	3 32
F 16	21 24	14 32	0 20	22 43	1 34	23 6	0 13	9 42	1 1	10 35	1 0	20 58	1 36	5 4	0 45	18 13	1 43	9 20	12 19	16 0	15 43	13 3	17 44	3 33
S 17	21 14	19 16	0n48	22 23	1 38	23 5	0 11	9 28	1 0	10 31	1 0	20 58	1 36	5 3	0 45	18 13	1 43	9 20	12 19	16 0	15 42	13 0	17 45	3 33
S 18	21 4	23 12	1 55	22 1	1 42	23 3	0 8	9 14	1 0	10 27	1 0	20 58	1 36	5 2	0 45	18 12	1 43	9 20	12 19	15 59	15 41	12 57	17 45	3 33
M19	20 53	25 59	2 58	21 37	1 44	23 1	0 6	9 0	0 59	10 22	1 0	20 58	1 36	5 1	0 45	18 12	1 43	9 20	12 19	15 58	15 41	12 54	17 45	3 33
T 20	20 42	27 14	3 52	21 11	1 46	22 59	0 3	8 45	0 59	10 18	0 59	20 58	1 35	5 0	0 45	18 12	1 43	9 19	12 19	15 56	15 40	12 51	17 46	3 34
W21	20 31	26 40	4 33	20 43	1 48	22 55	0 1	8 31	0 58	10 14	0 59	20 58	1 35	4 59	0 45	18 12	1 43	9 19	12 20	15 53	15 39	12 48	17 46	3 34
T 22	20 19	24 13	4 56	20 13	1 48	22 51	0n 2	8 17	0 57	10 10	0 59	20 58	1 35	4 58	0 45	18 12	1 43	9 19	12 20	15 50	15 38	12 45	17 46	3 34
F 23	20 7	20 5	5 0	19 42	1 48	22 46	0 4	8 2	0 57	10 5	0 59	20 57	1 35	4 56	0 45	18 12	1 42	9 19	12 20	15 47	15 37	12 42	17 46	3 34
S 24	19 55	14 41	4 43	19 9	1 47	22 41	0 7	7 47	0 56	10 1	0 59	20 57	1 35	4 55	0 45	18 12	1 42	9 19	12 20	15 44	15 36	12 40	17 47	3 35
S 25	19 42	8 27	4 6	18 34	1 46	22 35	0 9	7 33	0 56	9 56	0 59	20 57	1 34	4 54	0 44	18 12	1 42	9 19	12 20	15 42	15 35	12 37	17 47	3 35
M26	19 29	1 52	3 14	17 59	1 44	22 28	0 12	7 18	0 55	9 52	0 59	20 57	1 34	4 53	0 44	18 12	1 42	9 19	12 20	15 41	15 34	12 34	17 47	3 35
T 27	19 16	4s41	2 11	17 23	1 42	22 21	0 14	7 3	0 54	9 48	0 59	20 57	1 34	4 52	0 44	18 12	1 42	9 19	12 21	15 40	15 33	12 31	17 47	3 35
W28	19 2	10 50	1 2	16 45	1 38	22 13	0 17	6 49	0 54	9 43	0 59	20 57	1 34	4 51	0 44	18 12	1 42	9 19	12 21	15 40	15 32	12 28	17 48	3 36
T 29	18 48	16 20	0s 9	16 7	1 35	22 4	0 19	6 34	0 53	9 39	0 59	20 57	1 34	4 50	0 44	18 12	1 42	9 19	12 21	15 40	15 31	12 25	17 48	3 36
F 30	18 34	20 56	1 18	15 28	1 31	21 55	0 22	6 19	0 53	9 34	0 59	20 57	1 33	4 48	0 44	18 12	1 42	9 19	12 21	15 39	15 30	12 22	17 48	3 36
S 31	18n19	24s23	2s22	14n49	1n26	21n45	0n24	6n 4	0n52	9n30	0n59	20s57	1n33	4n47	0n44	18s12	1n42	9n19	12s21	15n39	15n29	12s19	17n48	3s37

Julian Day Number = 2500668.5, Delta T = 111.64 sec
Ecliptic obliquity = 23°25'25, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°37'10, Lahiri = 25°44'11

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ASTRODIENST EPHEMERIS for the year 2134
geocentric

AUGUST 2134 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 51	8♌41'44	23♐28	25♌54	24♋55	17♍16	8♍ 9	14°R14	19♍40	28°R41	7♊19	12°R38	12♉ 8	9♓25	6♊26	S 1
M 2	20 41 47	9°39'06	6♑ 0	27°38	26° 8	17°53	8°21	14♐12	19°44	28♏41	7°20	12♉31	12° 5	9°31	6°28	M 2
T 3	20 45 44	10°36'28	18°22	29°19	27°22	18°31	8°33	14°10	19°47	28°40	7°20	12°21	12° 1	9°38	6°31	T 3
W 4	20 49 40	11°33'51	0♒36	0♍59	28°35	19° 8	8°45	14° 9	19°50	28°40	7°21	12° 8	11°58	9°45	6°33	W 4
T 5	20 53 37	12°31'15	12°42	2°37	29°49	19°45	8°58	14° 8	19°53	28°40	7°22	11°55	11°55	9°51	6°36	T 5
F 6	20 57 34	13°28'40	24°42	4°13	1♌ 3	20°23	9°10	14° 6	19°56	28°40	7°22	11°41	11°52	9°58	6°38	F 6
S 7	21 1 30	14°26'05	6♓36	5°48	2°16	21° 0	9°22	14° 5	19°59	28°40	7°23	11°28	11°49	10° 5	6°41	S 7
S 8	21 5 27	15°23'32	18°27	7°21	3°30	21°37	9°35	14° 4	20° 3	28°39	7°24	11°18	11°46	10°12	6°43	S 8
M 9	21 9 23	16°21'00	0♈17	8°52	4°44	22°15	9°47	14° 3	20° 6	28°39	7°24	11°10	11°42	10°18	6°45	M 9
T 10	21 13 20	17°18'29	12° 9	10°22	5°57	22°52	9°59	14° 3	20° 9	28°D39	7°25	11° 5	11°39	10°25	6°47	T 10
W11	21 17 16	18°15'59	24° 6	11°50	7°11	23°30	10°12	14° 2	20°13	28°39	7°25	11° 2	11°36	10°32	6°49	W11
T 12	21 21 13	19°13'30	6♉14	13°16	8°25	24° 8	10°24	14° 1	20°16	28°39	7°26	11° 1	11°33	10°38	6°51	T 12
F 13	21 25 9	20°11'03	18°36	14°40	9°39	24°45	10°37	14° 1	20°19	28°40	7°26	11° 1	11°30	10°45	6°53	F 13
S 14	21 29 6	21° 8'38	1♊19	16° 3	10°53	25°23	10°49	14° 0	20°23	28°40	7°27	11° 1	11°26	10°52	6°55	S 14
S 15	21 33 3	22° 6'13	14°27	17°24	12° 7	26° 1	11° 2	14° 0	20°26	28°40	7°27	10°59	11°23	10°59	6°57	S 15
M16	21 36 59	23° 3'51	28° 4	18°43	13°21	26°39	11°15	13°59	20°30	28°40	7°28	10°55	11°20	11° 5	6°59	M16
T 17	21 40 56	24° 1'30	12♋10	20° 0	14°35	27°16	11°27	13°59	20°33	28°40	7°28	10°49	11°17	11°12	7° 1	T 17
W18	21 44 52	24°59'10	26°44	21°16	15°49	27°54	11°40	13°D59	20°36	28°40	7°29	10°41	11°14	11°19	7° 3	W18
T 19	21 48 49	25°56'51	11♌42	22°29	17° 3	28°32	11°53	13°59	20°40	28°41	7°29	10°30	11°11	11°25	7° 4	T 19
F 20	21 52 45	26°54'34	26°54	23°40	18°17	29°10	12° 6	13°59	20°44	28°41	7°30	10°20	11° 7	11°32	7° 6	F 20
S 21	21 56 42	27°52'18	12♍10	24°49	19°31	29°48	12°18	13°59	20°47	28°41	7°30	10°11	11° 4	11°39	7° 7	S 21
S 22	22 0 38	28°50'04	27°19	25°56	20°45	0♎27	12°31	14° 0	20°51	28°42	7°30	10° 3	11° 1	11°45	7° 9	S 22
M23	22 4 35	29°47'50	12♎12	27° 1	21°59	1° 5	12°44	14° 0	20°54	28°42	7°31	9°58	10°58	11°52	7°10	M23
T 24	22 8 32	0♍45'38	26°42	28° 3	23°13	1°43	12°57	14° 1	20°58	28°42	7°31	9°55	10°55	11°59	7°11	T 24
W25	22 12 28	1°43'27	10♏46	29° 2	24°27	2°21	13°10	14° 1	21° 1	28°43	7°31	9°D55	10°52	12° 6	7°13	W25
T 26	22 16 25	2°41'17	24°23	29°59	25°41	2°59	13°22	14° 2	21° 5	28°43	7°31	9°55	10°48	12°12	7°14	T 26
F 27	22 20 21	3°39'08	7♐37	0♎53	26°56	3°38	13°35	14° 3	21° 9	28°44	7°32	9°R55	10°45	12°19	7°15	F 27
S 28	22 24 18	4°37'01	20°30	1°44	28°10	4°16	13°48	14° 4	21°12	28°44	7°32	9°54	10°42	12°26	7°16	S 28
S 29	22 28 14	5°34'54	3♑ 6	2°31	29°24	4°55	14° 1	14° 5	21°16	28°45	7°32	9°51	10°39	12°32	7°17	S 29
M30	22 32 11	6°32'49	15°28	3°16	0♍38	5°33	14°14	14° 6	21°20	28°46	7°32	9°45	10°36	12°39	7°18	M30
T 31	22 36 7	7♍30'45	27♑39	3♎57	1♍53	6♎12	14♍27	14♐ 7	21♍23	28♏46	7♊32	9♉37	10♉32	12♓46	7♊19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 4	26s33	3s17	14n 9	1n21	21n34	0n26	5n49	0n51	9n25	0n59	20s57	1n33	4n46	0n44	18s12	1n42	9n19	12s22	15n37	15n28	12s16	17n48	3s37
M 2	17 49	27 19	4 2	13 28	1 15	21 23	0 29	5 34	0 51	9 21	0 59	20 57	1 33	4 45	0 44	18 12	1 42	9 19	12 22	15 35	15 27	12 13	17 48	3 37
T 3	17 34	26 41	4 34	12 47	1 9	21 11	0 31	5 19	0 50	9 16	0 59	20 57	1 33	4 43	0 44	18 12	1 42	9 19	12 22	15 32	15 26	12 10	17 49	3 38
W 4	17 18	24 47	4 54	12 6	1 3	20 58	0 33	5 4	0 50	9 12	0 59	20 57	1 32	4 42	0 44	18 12	1 42	9 19	12 22	15 28	15 25	12 8	17 49	3 38
T 5	17 2	21 46	4 59	11 25	0 56	20 45	0 35	4 48	0 49	9 7	0 59	20 57	1 32	4 41	0 44	18 12	1 42	9 19	12 22	15 24	15 24	12 5	17 49	3 38
F 6	16 46	17 52	4 52	10 43	0 49	20 31	0 38	4 33	0 48	9 2	0 59	20 57	1 32	4 40	0 44	18 12	1 42	9 18	12 23	15 20	15 23	12 2	17 49	3 38
S 7	16 29	13 17	4 32	10 2	0 42	20 17	0 40	4 18	0 48	8 58	0 59	20 57	1 32	4 38	0 44	18 12	1 42	9 18	12 23	15 16	15 22	11 59	17 49	3 39
S 8	16 13	8 14	4 0	9 20	0 34	20 2	0 42	4 3	0 47	8 53	0 59	20 57	1 32	4 37	0 44	18 12	1 42	9 18	12 23	15 13	15 21	11 56	17 49	3 39
M 9	15 56	2 54	3 17	8 39	0 26	19 47	0 44	3 47	0 47	8 48	0 59	20 58	1 31	4 36	0 44	18 12	1 41	9 18	12 23	15 10	15 20	11 53	17 49	3 39
T 10	15 38	2n33	2 26	7 58	0 18	19 31	0 46	3 32	0 46	8 44	0 59	20 58	1 31	4 34	0 44	18 12	1 41	9 18	12 23	15 8	15 19	11 50	17 49	3 40
W11	15 21	7 58	1 28	7 16	0 10	19 14	0 48	3 16	0 45	8 39	0 59	20 58	1 31	4 33	0 44	18 12	1 41	9 18	12 24	15 8	15 18	11 47	17 49	3 40
T 12	15 3	13 11	0 25	6 35	0 1	18 57	0 50	3 1	0 45	8 34	0 59	20 58	1 31	4 32	0 44	18 12	1 41	9 18	12 24	15 7	15 17	11 44	17 49	3 40
F 13	14 45	18 0	0n40	5 55	0s 8	18 39	0 52	2 46	0 44	8 29	0 59	20 58	1 31	4 30	0 44	18 12	1 41	9 18	12 24	15 7	15 16	11 41	17 49	3 41
S 14	14 27	22 8	1 45	5 14	0 17	18 21	0 54	2 30	0 44	8 25	0 59	20 58	1 30	4 29	0 44	18 12	1 41	9 18	12 24	15 7	15 15	11 38	17 49	3 41
S 15	14 8	25 17	2 47	4 34	0 26	18 3	0 56	2 15	0 43	8 20	0 59	20 58	1 30	4 28	0 44	18 12	1 41	9 17	12 24	15 7	15 14	11 35	17 49	3 41
M16	13 49	27 6	3 42	3 55	0 35	17 43	0 57	1 59	0 42	8 15	0 59	20 59	1 30	4 26	0 44	18 12	1 41	9 17	12 25	15 6	15 13	11 32	17 49	3 42
T 17	13 30	27 16	4 25	3 16	0 45	17 24	0 59	1 43	0 42	8 10	0 59	20 59	1 30	4 25	0 44	18 12	1 41	9 17	12 25	15 4	15 12	11 29	17 49	3 42
W18	13 11	25 35	4 53	2 37	0 55	17 3	1 1	1 28	0 41	8 5	0 59	20 59	1 30	4 24	0 44	18 13	1 41	9 17	12 25	15 1	15 11	11 26	17 49	3 42
T 19	12 52	22 5	5 1	2 0	1 5	16 43	1 3	1 12	0 41	8 0	0 59	20 59	1 29	4 22	0 44	18 13	1 41	9 17	12 25	14 58	15 10	11 23	17 49	3 43
F 20	12 32	17 4	4 49	1 22	1 14	16 21	1 4	0 56	0 40	7 56	0 59	20 59	1 29	4 21	0 44	18 13	1 41	9 17	12 26	14 55	15 9	11 20	17 49	3 43
S 21	12 12	10 56	4 16	0 46	1 24	16 0	1 6	0 41	0 39	7 51	0 59	21 0	1 29	4 19	0 44	18 13	1 41	9 16	12 26	14 52	15 8	11 17	17 49	3 43
S 22	11 52	4 12	3 25	0 10	1 34	15 38	1 7	0 25	0 39	7 46	0 59	21 0	1 29	4 18	0 44	18 13	1 41	9 16	12 26	14 49	15 7	11 14	17 49	3 44
M23	11 32	2s39	2 21	0s25	1 44	15 15	1 9	0 9	0 38	7 41	0 59	21 0	1 28	4 16	0 44	18 13	1 41	9 16	12 26	14 48	15 6	11 11	17 49	3 44
T 24	11 12	9 12	1 10	0 58	1 55	14 52	1 10	0s 6	0 38	7 36	0 59	21 0	1 28	4 15	0 44	18 13	1 41	9 16	12 26	14 47	15 5	11 8	17 49	3 44
W25	10 51	15 7	0s 5	1 31	2 5	14 29	1 11	0 22	0 37	7 31	0 59	21 1	1 28	4 14	0 44	18 13	1 41	9 16	12 27	14 47	15 4	11 5	17 48	3 45
T 26	10 31	20 5	1 16	2 3	2 15	14 5	1 12	0 38	0 36	7 26	0 59	21 1	1 28	4 12	0 44	18 14	1 40	9 16	12 27	14 47	15 3	11 2	17 48	3 45
F 27	10 10	23 54	2 22	2 34	2 25	13 41	1 14	0 54	0 36	7 21	0 59	21 1	1 28	4 11	0 44	18 14	1 40	9 15	12 27	14 47	15 2	10 59	17 48	3 45
S 28	9 49	26 23	3 18	3 3	2 34	13 17	1 15	1 9	0 35	7 16	0 59	21 2	1 27	4 9	0 44	18 14	1 40	9 15	12 27	14 46	15 1	10 56	17 48	3 46
S 29	9 28	27 27	4 4	3 31	2 44	12 52	1 16	1 25	0 35	7 11	0 59	21 2	1 27	4 8	0 44	18 14	1 40	9 15	12 28	14 45	15 0	10 53	17 48	3 46
M30	9 6	27 7	4 37	3 57	2 54	12 26	1 17	1 41	0 34	7 6	0 59	21 2	1 27	4 6	0 44	18 14	1 40	9 15	12 28	14 44	14 59	10 50	17 48	3 46
T 31	8n45	25s28	4s57	4s22	3s 3	12n 1	1n18	1s57	0n33	7n 1	0n59	21s 3	1n27	4n 5	0n44	18s15	1n40	9n15	12s28	14n41	14n58	10s47	17n47	3s47

Julian Day Number = 2500699.5, Delta T = 111.69 sec
Ecliptic obliquity = 23°25'25, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°37'15, Lahiri = 25°44'15

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ASTRODIENST EPHEMERIS for the year 2134
geocentric

SEPTEMBER 2134 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 40 4	8♍28'43	9♒43	4♎33	3♍ 7	6♎50	14♍40	14♐ 8	21♍27	28♏47	7♊33	9°R27	10♉29	12♓52	7♊20	W 1
T 2	22 44 1	9°26'42	21°41	5° 6	4°21	7°29	14°53	14°10	21°31	28°48	7°33	9♉15	10°26	12°59	7°21	T 2
F 3	22 47 57	10°24'43	3♓35	5°35	5°36	8° 8	15° 6	14°11	21°35	28°48	7°33	9° 4	10°23	13° 6	7°21	F 3
S 4	22 51 54	11°22'45	15°26	5°59	6°50	8°46	15°19	14°13	21°38	28°49	7°33	8°54	10°20	13°13	7°22	S 4
S 5	22 55 50	12°20'48	27°17	6°18	8° 4	9°25	15°32	14°14	21°42	28°50	7°33	8°45	10°17	13°19	7°23	S 5
M 6	22 59 47	13°18'54	9♈ 9	6°31	9°19	10° 4	15°45	14°16	21°46	28°51	7°33	8°39	10°13	13°26	7°23	M 6
T 7	23 3 43	14°17'01	21° 4	6°40	10°33	10°43	15°58	14°18	21°49	28°52	7°R33	8°35	10°10	13°33	7°23	T 7
W 8	23 7 40	15°15'10	3♉ 5	6°R42	11°48	11°22	16°11	14°20	21°53	28°53	7°33	8°D33	10° 7	13°39	7°24	W 8
T 9	23 11 36	16°13'21	15°16	6°39	13° 2	12° 1	16°24	14°22	21°57	28°54	7°33	8°33	10° 4	13°46	7°24	T 9
F 10	23 15 33	17°11'34	27°40	6°29	14°17	12°40	16°37	14°24	22° 1	28°54	7°33	8°34	10° 1	13°53	7°24	F 10
S 11	23 19 30	18° 9'49	10♊22	6°13	15°31	13°19	16°50	14°26	22° 5	28°55	7°33	8°35	9°57	13°59	7°25	S 11
S 12	23 23 26	19° 8'06	23°26	5°51	16°46	13°58	17° 3	14°28	22° 8	28°56	7°33	8°R35	9°54	14° 6	7°25	S 12
M13	23 27 23	20° 6'26	6♋56	5°21	18° 0	14°37	17°16	14°31	22°12	28°58	7°33	8°34	9°51	14°13	7°R25	M13
T 14	23 31 19	21° 4'47	20°53	4°46	19°15	15°16	17°29	14°33	22°16	28°59	7°32	8°31	9°48	14°20	7°25	T 14
W15	23 35 16	22° 3'11	5♌18	4° 4	20°29	15°55	17°42	14°36	22°20	29° 0	7°32	8°26	9°45	14°26	7°25	W15
T 16	23 39 12	23° 1'36	20° 8	3°16	21°44	16°35	17°55	14°39	22°23	29° 1	7°32	8°19	9°42	14°33	7°24	T 16
F 17	23 43 9	24° 0'04	5♍15	2°23	22°59	17°14	18° 8	14°41	22°27	29° 2	7°32	8°12	9°38	14°40	7°24	F 17
S 18	23 47 5	24°58'33	20°30	1°26	24°13	17°53	18°21	14°44	22°31	29° 3	7°32	8° 6	9°35	14°46	7°24	S 18
S 19	23 51 2	25°57'04	5♎43	0°26	25°28	18°33	18°34	14°47	22°35	29° 4	7°31	8° 1	9°32	14°53	7°24	S 19
M20	23 54 59	26°55'37	20°44	29♍23	26°43	19°12	18°47	14°50	22°39	29° 6	7°31	7°58	9°29	15° 0	7°23	M20
T 21	23 58 55	27°54'12	5♏23	28°20	27°57	19°52	19° 0	14°53	22°42	29° 7	7°31	7°D57	9°26	15° 6	7°23	T 21
W22	0 2 52	28°52'49	19°38	27°17	29°12	20°32	19°13	14°56	22°46	29° 8	7°31	7°57	9°23	15°13	7°22	W22
T 23	0 6 48	29°51'27	3♐24	26°16	0♎27	21°11	19°25	15° 0	22°50	29°10	7°30	7°59	9°19	15°20	7°21	T 23
F 24	0 10 45	0♎50'07	16°44	25°19	1°41	21°51	19°38	15° 3	22°54	29°11	7°30	8° 0	9°16	15°27	7°21	F 24
S 25	0 14 41	1°48'49	29°40	24°28	2°56	22°31	19°51	15° 6	22°57	29°12	7°30	8°R 1	9°13	15°33	7°20	S 25
S 26	0 18 38	2°47'32	12♑16	23°43	4°11	23°11	20° 4	15°10	23° 1	29°14	7°29	8° 1	9°10	15°40	7°19	S 26
M27	0 22 34	3°46'17	24°35	23° 6	5°26	23°50	20°17	15°14	23° 5	29°15	7°29	7°59	9° 7	15°47	7°18	M27
T 28	0 26 31	4°45'04	6♒42	22°38	6°40	24°30	20°30	15°17	23° 9	29°17	7°28	7°55	9° 3	15°53	7°17	T 28
W29	0 30 28	5°43'53	18°40	22°19	7°55	25°10	20°42	15°21	23°12	29°18	7°28	7°50	9° 0	16° 0	7°16	W29
T 30	0 34 24	6♎42'43	0♓33	22°D11	9♎10	25♎50	20♍55	15♐25	23♍16	29♏20	7♊27	7♉45	8♉57	16♓ 7	7♊15	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	8n23	22s40	5s 3	4s45	3s12	11n35	1n19	2s13	0n33	6n56	0n59	21s 3	1n27	4n 3	0n44	18s15	1n40	9n14	12s28	14n38	14n57	10s44	17n47	3s47	W 1
T 2	8 1	18 56	4 56	5 6	3 21	11 9	1 20	2 28	0 32	6 51	0 59	21 3	1 26	4 2	0 44	18 15	1 40	9 14	12 28	14 34	14 56	10 41	17 47	3 47	T 2
F 3	7 40	14 29	4 37	5 25	3 29	10 42	1 20	2 44	0 32	6 46	0 59	21 4	1 26	4 0	0 44	18 15	1 40	9 14	12 29	14 31	14 55	10 38	17 47	3 48	F 3
S 4	7 18	9 30	4 5	5 42	3 37	10 15	1 21	3 0	0 31	6 41	0 59	21 4	1 26	3 59	0 44	18 15	1 40	9 14	12 29	14 27	14 54	10 35	17 46	3 48	S 4
S 5	6 55	4 10	3 22	5 56	3 45	9 48	1 22	3 16	0 31	6 36	0 59	21 4	1 26	3 58	0 44	18 16	1 40	9 14	12 29	14 24	14 53	10 32	17 46	3 48	S 5
M 6	6 33	1n19	2 31	6 8	3 52	9 21	1 22	3 31	0 30	6 31	0 59	21 5	1 26	3 56	0 44	18 16	1 40	9 13	12 29	14 22	14 53	10 29	17 46	3 49	M 6
T 7	6 11	6 47	1 32	6 17	3 58	8 53	1 23	3 47	0 29	6 26	0 59	21 5	1 25	3 55	0 44	18 16	1 40	9 13	12 30	14 21	14 52	10 26	17 46	3 49	T 7
W 8	5 48	12 4	0 29	6 23	4 3	8 25	1 23	4 3	0 29	6 21	0 59	21 6	1 25	3 53	0 44	18 16	1 40	9 13	12 30	14 21	14 51	10 23	17 45	3 49	W 8
T 9	5 26	16 59	0n36	6 26	4 8	7 57	1 24	4 19	0 28	6 16	0 59	21 6	1 25	3 52	0 44	18 17	1 40	9 13	12 30	14 21	14 50	10 20	17 45	3 50	T 9
F 10	5 3	21 16	1 41	6 25	4 11	7 29	1 24	4 35	0 28	6 11	0 59	21 7	1 25	3 50	0 44	18 17	1 40	9 12	12 30	14 21	14 49	10 17	17 45	3 50	F 10
S 11	4 41	24 40	2 43	6 21	4 14	7 0	1 25	4 50	0 27	6 6	0 59	21 7	1 25	3 49	0 44	18 17	1 40	9 12	12 31	14 21	14 47	10 14	17 44	3 51	S 11
S 12	4 18	26 53	3 38	6 13	4 15	6 31	1 25	5 6	0 26	6 1	0 59	21 7	1 24	3 47	0 44	18 17	1 40	9 12	12 31	14 21	14 46	10 11	17 44	3 51	S 12
M13	3 55	27 37	4 23	6 1	4 14	6 3	1 25	5 22	0 26	5 56	0 59	21 8	1 24	3 46	0 44	18 18	1 39	9 12	12 31	14 21	14 45	10 8	17 44	3 51	M13
T 14	3 32	26 39	4 54	5 45	4 12	5 33	1 25	5 37	0 25	5 51	0 59	21 8	1 24	3 44	0 44	18 18	1 39	9 11	12 31	14 20	14 44	10 5	17 43	3 52	T 14
W15	3 9	23 54	5 8	5 25	4 9	5 4	1 25	5 53	0 25	5 46	0 59	21 9	1 24	3 43	0 44	18 18	1 39	9 11	12 31	14 18	14 43	10 2	17 43	3 52	W15
T 16	2 46	19 32	5 2	5 1	4 3	4 35	1 25	6 9	0 24	5 41	1 0	21 9	1 24	3 41	0 44	18 19	1 39	9 11	12 32	14 16	14 42	9 59	17 43	3 52	T 16
F 17	2 23	13 50	4 35	4 33	3 56	4 5	1 25	6 24	0 23	5 36	1 0	21 10	1 23	3 40	0 44	18 19	1 39	9 11	12 32	14 14	14 41	9 55	17 42	3 53	F 17
S 18	2 0	7 16	3 48	4 2	3 46	3 35	1 25	6 40	0 23	5 31	1 0	21 10	1 23	3 38	0 44	18 19	1 39	9 10	12 32	14 12	14 40	9 52	17 42	3 53	S 18
S 19	1 37	0 16	2 46	3 28	3 35	3 6	1 24	6 55	0 22	5 26	1 0	21 11	1 23	3 37	0 44	18 20	1 39	9 10	12 32	14 10	14 39	9 49	17 42	3 53	S 19
M20	1 13	6s40	1 32	2 51	3 22	2 36	1 24	7 11	0 22	5 21	1 0	21 12	1 23	3 35	0 44	18 20	1 39	9 10	12 33	14 9	14 38	9 46	17 41	3 54	M20
T 21	0 50	13 5	0 14	2 12	3 7	2 6	1 24	7 26	0 21	5 16	1 0	21 12	1 23	3 34	0 44	18 20	1 39	9 10	12 33	14 9	14 37	9 43	17 41	3 54	T 21
W22	0 27	18 38	1s 3	1 32	2 51	1 36	1 23	7 42	0 20	5 11	1 0	21 13	1 22	3 32	0 44	18 21	1 39	9 9	12 33	14 9	14 36	9 40	17 40	3 54	W22
T 23	0 3	23 1	2 14	0 52	2 33	1 5	1 23	7 57	0 20	5 6	1 0	21 13	1 22	3 31	0 44	18 21	1 39	9 9	12 33	14 10	14 35	9 37	17 40	3 55	T 23
F 24	0s20	26 0	3 15	0 12	2 14	0 35	1 22	8 13	0 19	5 1	1 0	21 14	1 22	3 29	0 44	18 21	1 39	9 9	12 33	14 10	14 34	9 34	17 39	3 55	F 24
S 25	0 43	27 30	4 5	0n27	1 55	0 5	1 22	8 28	0 19	4 56	1 0	21 14	1 22	3 28	0 44	18 22	1 39	9 9	12 34	14 10	14 33	9 31	17 39	3 55	S 25
S 26	1 7	27 31	4 41	1 3	1 34	0s25	1 21	8 43	0 18	4 51	1 0	21 15	1 22	3 26	0 44	18 22	1 39	9 8	12 34	14 10	14 32	9 28	17 38	3 56	S 26
M27	1 30	26 10	5 3	1 36	1 14	0 56	1 20	8 59	0 17	4 46	1 0	21 15	1 21	3 25	0 44	18 22	1 39	9 8	12 34	14 10	14 31	9 25	17 38	3 56	M27
T 28	1 53	23 37	5 12	2 5	0 54	1 26	1 19	9 14	0 17	4 41	1 0	21 16	1 21	3 23	0 44	18 23	1 39	9 8	12 34	14 8	14 30	9 22	17 37	3 56	T 28
W29	2 17	20 4	5 6	2 31	0 35	1 56	1 18	9 29	0 16	4 36	1 0	21 17	1 21	3 22	0 44	18 23	1 39	9 8	12 34	14 7	14 29	9 18	17 37	3 57	W29
T 30	2s40	15s45	4s48	2n51	0s16	2s27	1n18	9s44	0n16	4n31	1n 0	21s17	1n21	3n20	0n44	18s23	1n39	9n 7	12s35	14n 5	14n28	9s15	17n36	3s57	T 30

Julian Day Number = 2500730.5, Delta T = 111.74 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°37'19, Lahiri = 25°44'19

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ASTRODIENST EPHEMERIS for the year 2134
geocentric

OCTOBER 2134 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 38 21	7♎41'35	12♓25	22♍12	10♎25	26♎30	21♍ 8	15♐29	23♍20	29♏21	7°R27	7°R39	8♉54	16♓13	7°R14	F 1
S 2	0 42 17	8°40'29	24°16	22°24	11°40	27°11	21°21	15°33	23°23	29°23	7♊26	7♉34	8°51	16°20	7♊13	S 2
S 3	0 46 14	9°39'25	6♈10	22°45	12°54	27°51	21°33	15°37	23°27	29°24	7°26	7°30	8°48	16°27	7°12	S 3
M 4	0 50 10	10°38'23	18° 7	23°17	14° 9	28°31	21°46	15°41	23°31	29°26	7°25	7°27	8°44	16°33	7°10	M 4
T 5	0 54 7	11°37'23	0♉11	23°57	15°24	29°11	21°59	15°45	23°34	29°28	7°25	7°26	8°41	16°40	7° 9	T 5
W 6	0 58 3	12°36'25	12°22	24°46	16°39	29°52	22°11	15°50	23°38	29°29	7°24	7°D26	8°38	16°47	7° 7	W 6
T 7	1 2 0	13°35'29	24°43	25°43	17°54	0♏32	22°24	15°54	23°42	29°31	7°24	7°27	8°35	16°54	7° 6	T 7
F 8	1 5 56	14°34'35	7♊17	26°47	19° 9	1°12	22°36	15°59	23°45	29°33	7°23	7°28	8°32	17° 0	7° 4	F 8
S 9	1 9 53	15°33'44	20° 6	27°58	20°23	1°53	22°49	16° 3	23°49	29°34	7°22	7°30	8°29	17° 7	7° 3	S 9
S 10	1 13 50	16°32'55	3♋12	29°14	21°38	2°33	23° 1	16° 8	23°52	29°36	7°22	7°31	8°25	17°14	7° 1	S 10
M11	1 17 46	17°32'09	16°39	0♎35	22°53	3°14	23°14	16°12	23°56	29°38	7°21	7°R31	8°22	17°20	6°59	M11
T 12	1 21 43	18°31'25	0♌28	2° 1	24° 8	3°55	23°26	16°17	24° 0	29°40	7°20	7°31	8°19	17°27	6°57	T 12
W13	1 25 39	19°30'43	14°39	3°30	25°23	4°35	23°38	16°22	24° 3	29°42	7°20	7°30	8°16	17°34	6°55	W13
T 14	1 29 36	20°30'03	29°10	5° 3	26°38	5°16	23°51	16°27	24° 7	29°43	7°19	7°28	8°13	17°40	6°54	T 14
F 15	1 33 32	21°29'26	13♍58	6°38	27°53	5°57	24° 3	16°32	24°10	29°45	7°18	7°26	8° 9	17°47	6°52	F 15
S 16	1 37 29	22°28'51	28°56	8°15	29° 8	6°38	24°15	16°37	24°14	29°47	7°18	7°24	8° 6	17°54	6°49	S 16
S 17	1 41 25	23°28'17	13♎56	9°54	0♏23	7°19	24°27	16°42	24°17	29°49	7°17	7°22	8° 3	18° 0	6°47	S 17
M18	1 45 22	24°27'47	28°49	11°34	1°38	8° 0	24°39	16°47	24°20	29°51	7°16	7°22	8° 0	18° 7	6°45	M18
T 19	1 49 19	25°27'18	13♏27	13°15	2°53	8°41	24°51	16°52	24°24	29°53	7°15	7°D22	7°57	18°14	6°43	T 19
W20	1 53 15	26°26'51	27°45	14°56	4° 8	9°22	25° 3	16°58	24°27	29°55	7°14	7°22	7°54	18°21	6°41	W20
T 21	1 57 12	27°26'26	11♐38	16°38	5°23	10° 3	25°15	17° 3	24°30	29°57	7°14	7°23	7°50	18°27	6°38	T 21
F 22	2 1 8	28°26'03	25° 5	18°21	6°38	10°44	25°27	17° 8	24°34	29°59	7°13	7°24	7°47	18°34	6°36	F 22
S 23	2 5 5	29°25'41	8♑ 7	20° 3	7°53	11°25	25°39	17°14	24°37	0♐ 1	7°12	7°25	7°44	18°41	6°34	S 23
S 24	2 9 1	0♏25'21	20°47	21°46	9° 8	12° 6	25°51	17°19	24°40	0° 3	7°11	7°25	7°41	18°47	6°31	S 24
M25	2 12 58	1°25'03	3♒ 8	23°28	10°23	12°48	26° 2	17°25	24°44	0° 5	7°10	7°R25	7°38	18°54	6°29	M25
T 26	2 16 54	2°24'47	15°15	25°11	11°38	13°29	26°14	17°31	24°47	0° 7	7° 9	7°25	7°35	19° 1	6°26	T 26
W27	2 20 51	3°24'32	27°12	26°53	12°53	14°11	26°26	17°36	24°50	0° 9	7° 8	7°25	7°31	19° 7	6°24	W27
T 28	2 24 48	4°24'19	9♓ 4	28°34	14° 8	14°52	26°37	17°42	24°53	0°11	7° 7	7°24	7°28	19°14	6°21	T 28
F 29	2 28 44	5°24'08	20°54	0♏15	15°23	15°34	26°49	17°48	24°56	0°13	7° 6	7°24	7°25	19°21	6°18	F 29
S 30	2 32 41	6°23'58	2♈47	1°56	16°37	16°15	27° 0	17°54	24°59	0°15	7° 5	7°24	7°22	19°27	6°16	S 30
S 31	2 36 37	7♏23'51	14♈45	3♏37	17♏52	16♏57	27♍11	18♐ 0	25♍ 2	0♐17	7♊ 5	7°D24	7♉19	19♓34	6♊13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 3	10s51	4s17	3n 7	0n 2	2s57	1n17	9s59	0n15	4n26	1n 1	21s18	1n21	3n19	0n44	18s24	1n39	9n 7	12s35	14n 3	14n27	9s12	17n36	3s57
S 2	3 26	5 34	3 35	3 18	0 19	3 27	1 16	10 14	0 14	4 22	1 1	21 18	1 20	3 17	0 44	18 24	1 39	9 7	12 35	14 2	14 26	9 9	17 35	3 58
S 3	3 49	0 3	2 43	3 24	0 34	3 57	1 14	10 29	0 14	4 17	1 1	21 19	1 20	3 16	0 44	18 24	1 38	9 6	12 35	14 0	14 25	9 6	17 35	3 58
M 4	4 13	5n30	1 44	3 25	0 49	4 27	1 13	10 44	0 13	4 12	1 1	21 20	1 20	3 15	0 44	18 25	1 38	9 6	12 35	13 59	14 24	9 3	17 34	3 58
T 5	4 36	10 54	0 40	3 21	1 2	4 57	1 12	10 59	0 13	4 7	1 1	21 20	1 20	3 13	0 44	18 25	1 38	9 6	12 36	13 59	14 23	9 0	17 34	3 59
W 6	4 59	15 58	0n27	3 12	1 13	5 27	1 11	11 14	0 12	4 2	1 1	21 21	1 20	3 12	0 44	18 26	1 38	9 6	12 36	13 59	14 22	8 57	17 33	3 59
T 7	5 22	20 27	1 34	2 58	1 23	5 57	1 9	11 28	0 11	3 57	1 1	21 22	1 20	3 10	0 44	18 26	1 38	9 5	12 36	13 59	14 21	8 54	17 33	3 59
F 8	5 45	24 6	2 37	2 41	1 32	6 26	1 8	11 43	0 11	3 52	1 1	21 22	1 19	3 9	0 44	18 26	1 38	9 5	12 36	14 0	14 20	8 50	17 32	4 0
S 9	6 7	26 37	3 34	2 20	1 39	6 56	1 7	11 58	0 10	3 47	1 1	21 23	1 19	3 7	0 44	18 27	1 38	9 5	12 36	14 0	14 19	8 47	17 32	4 0
S 10	6 30	27 44	4 21	1 55	1 45	7 25	1 5	12 12	0 10	3 43	1 1	21 23	1 19	3 6	0 44	18 27	1 38	9 5	12 37	14 1	14 18	8 44	17 31	4 0
M11	6 53	27 16	4 55	1 27	1 50	7 55	1 4	12 27	0 9	3 38	1 1	21 24	1 19	3 5	0 44	18 28	1 38	9 4	12 37	14 1	14 17	8 41	17 30	4 1
T 12	7 15	25 8	5 13	0 56	1 54	8 24	1 2	12 41	0 8	3 33	1 2	21 25	1 19	3 3	0 44	18 28	1 38	9 4	12 37	14 1	14 16	8 38	17 30	4 1
W13	7 38	21 25	5 13	0 23	1 56	8 53	1 0	12 55	0 8	3 28	1 2	21 25	1 19	3 2	0 44	18 28	1 38	9 4	12 37	14 0	14 15	8 35	17 29	4 1
T 14	8 0	16 20	4 53	0s12	1 58	9 21	0 59	13 9	0 7	3 23	1 2	21 26	1 18	3 1	0 44	18 29	1 38	9 4	12 37	14 0	14 14	8 32	17 29	4 2
F 15	8 22	10 13	4 14	0 49	1 59	9 50	0 57	13 23	0 7	3 19	1 2	21 27	1 18	2 59	0 44	18 29	1 38	9 3	12 37	13 59	14 13	8 29	17 28	4 2
S 16	8 45	3 26	3 17	1 27	1 58	10 18	0 55	13 37	0 6	3 14	1 2	21 27	1 18	2 58	0 44	18 30	1 38	9 3	12 38	13 58	14 12	8 25	17 27	4 2
S 17	9 7	3s33	2 6	2 7	1 57	10 46	0 53	13 51	0 5	3 9	1 2	21 28	1 18	2 57	0 44	18 30	1 38	9 3	12 38	13 58	14 11	8 22	17 27	4 2
M18	9 29	10 19	0 47	2 48	1 56	11 14	0 51	14 5	0 5	3 4	1 2	21 29	1 18	2 55	0 44	18 31	1 38	9 2	12 38	13 58	14 10	8 19	17 26	4 3
T 19	9 50	16 24	0s34	3 29	1 53	11 41	0 49	14 19	0 4	3 0	1 2	21 29	1 18	2 54	0 44	18 31	1 38	9 2	12 38	13 58	14 9	8 16	17 25	4 3
W20	10 12	21 26	1 51	4 11	1 51	12 9	0 47	14 33	0 4	2 55	1 2	21 30	1 17	2 53	0 44	18 32	1 38	9 2	12 38	13 58	14 8	8 13	17 25	4 3
T 21	10 33	25 7	2 59	4 53	1 47	12 35	0 45	14 46	0 3	2 51	1 3	21 31	1 17	2 51	0 44	18 32	1 38	9 2	12 38	13 58	14 7	8 10	17 24	4 4
F 22	10 55	27 15	3 55	5 36	1 43	13 2	0 43	15 0	0 2	2 46	1 3	21 31	1 17	2 50	0 44	18 32	1 38	9 1	12 38	13 58	14 6	8 7	17 23	4 4
S 23	11 16	27 47	4 37	6 19	1 39	13 28	0 41	15 13	0 2	2 41	1 3	21 32	1 17	2 49	0 44	18 33	1 38	9 1	12 39	13 59	14 5	8 3	17 23	4 4
S 24	11 37	26 49	5 4	7 1	1 34	13 54	0 39	15 26	0 1	2 37	1 3	21 33	1 17	2 47	0 44	18 33	1 38	9 1	12 39	13 59	14 4	8 0	17 22	4 4
M25	11 58	24 34	5 16	7 44	1 29	14 20	0 37	15 40	0 1	2 32	1 3	21 33	1 17	2 46	0 44	18 34	1 38	9 1	12 39	13 59	14 3	7 57	17 21	4 5
T 26	12 18	21 15	5 14	8 26	1 24	14 45	0 35	15 53	0 0	2 28	1 3	21 34	1 17	2 45	0 44	18 34	1 38	9 0	12 39	13 59	14 2	7 54	17 21	4 5
W27	12 39	17 6	4 59	9 8	1 18	15 10	0 33	16 5	0s 1	2 23	1 3	21 35	1 16	2 44	0 44	18 35	1 38	9 0	12 39	13 59	14 1	7 51	17 20	4 5
T 28	12 59	12 20	4 30	9 50	1 12	15 35	0 31	16 18	0 1	2 19	1 3	21 35	1 16	2 42	0 44	18 35	1 38	9 0	12 39	13 58	14 0	7 48	17 19	4 5
F 29	13 19	7 8	3 50	10 31	1 6	15 59	0 28	16 31	0 2	2 14	1 4	21 36	1 16	2 41	0 44	18 36	1 38	9 0	12 39	13 58	13 59	7 44	17 19	4 6
S 30	13 39	1 39	3 1	11 12	1 0	16 23	0 26	16 44	0 2	2 10	1 4	21 37	1 16	2 40	0 44	18 36	1 38	8 59	12 39	13 58	13 58	7 41	17 18	4 6
S 31	13s58	3n56	2s 2	11s52	0n54	16s46	0n24	16s56	0s 3	2n 6	1n 4	21s37	1n16	2n39	0n44	18s36	1n38	8n59	12s39	13n58	13n57	7s38	17n17	4s 6

Julian Day Number = 2500760.5, Delta T = 111.79 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°37'23, Lahiri = 25°44'24

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ASTRODIENST EPHEMERIS for the year 2134
geocentric

NOVEMBER 2134 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 40 34	8♏23'45	26♈51	5♏17	19♏ 7	17♏38	27♍23	18♐ 5	25♍ 5	0♐19	7°R 4	7♉24	7♉15	19♓41	6°R10	M 1
T 2	2 44 30	9°23'40	9♉ 7	6°56	20°22	18°20	27°34	18°11	25° 8	0°21	7♊ 3	7°R24	7°12	19°47	6♊ 7	T 2
W 3	2 48 27	10°23'38	21°34	8°35	21°37	19° 2	27°45	18°17	25°11	0°23	7° 2	7°24	7° 9	19°54	6° 4	W 3
T 4	2 52 23	11°23'38	4♊14	10°14	22°52	19°44	27°56	18°24	25°14	0°26	7° 1	7°23	7° 6	20° 1	6° 1	T 4
F 5	2 56 20	12°23'40	17° 6	11°52	24° 7	20°26	28° 7	18°30	25°17	0°28	7° 0	7°23	7° 3	20° 8	5°58	F 5
S 6	3 0 17	13°23'44	0♋12	13°29	25°22	21° 8	28°18	18°36	25°20	0°30	6°59	7°22	7° 0	20°14	5°55	S 6
S 7	3 4 13	14°23'50	13°32	15° 7	26°37	21°50	28°29	18°42	25°23	0°32	6°58	7°21	6°56	20°21	5°52	S 7
M 8	3 8 10	15°23'58	27° 5	16°43	27°52	22°32	28°39	18°48	25°26	0°34	6°57	7°21	6°53	20°28	5°49	M 8
T 9	3 12 6	16°24'08	10♌54	18°20	29° 7	23°14	28°50	18°55	25°28	0°37	6°55	7°D20	6°50	20°34	5°46	T 9
W10	3 16 3	17°24'20	24°55	19°56	0♐22	23°56	29° 1	19° 1	25°31	0°39	6°54	7°20	6°47	20°41	5°43	W10
T 11	3 19 59	18°24'34	9♍10	21°31	1°37	24°38	29°11	19° 7	25°34	0°41	6°53	7°21	6°44	20°48	5°40	T 11
F 12	3 23 56	19°24'50	23°35	23° 7	2°52	25°21	29°22	19°14	25°36	0°43	6°52	7°22	6°40	20°54	5°37	F 12
S 13	3 27 52	20°25'09	8♎ 6	24°42	4° 7	26° 3	29°32	19°20	25°39	0°45	6°51	7°23	6°37	21° 1	5°34	S 13
S 14	3 31 49	21°25'29	22°40	26°16	5°22	26°45	29°42	19°27	25°41	0°48	6°50	7°24	6°34	21° 8	5°30	S 14
M15	3 35 46	22°25'51	7♏11	27°50	6°37	27°28	29°52	19°33	25°44	0°50	6°49	7°R24	6°31	21°14	5°27	M15
T 16	3 39 42	23°26'14	21°33	29°24	7°52	28°10	0♎ 2	19°40	25°46	0°52	6°48	7°24	6°28	21°21	5°24	T 16
W17	3 43 39	24°26'40	5♐40	0♐58	9° 8	28°53	0°12	19°47	25°49	0°54	6°47	7°22	6°25	21°28	5°21	W17
T 18	3 47 35	25°27'07	19°29	2°31	10°23	29°35	0°22	19°53	25°51	0°57	6°46	7°20	6°21	21°34	5°17	T 18
F 19	3 51 32	26°27'36	2♑57	4° 5	11°38	0♐18	0°32	20° 0	25°53	0°59	6°45	7°17	6°18	21°41	5°14	F 19
S 20	3 55 28	27°28'06	16° 2	5°38	12°53	1° 1	0°41	20° 7	25°56	1° 1	6°44	7°14	6°15	21°48	5°11	S 20
S 21	3 59 25	28°28'37	28°45	7°10	14° 8	1°44	0°51	20°13	25°58	1° 3	6°42	7°11	6°12	21°55	5° 8	S 21
M22	4 3 22	29°29'09	11♒ 9	8°43	15°23	2°26	1° 0	20°20	26° 0	1° 6	6°41	7° 9	6° 9	22° 1	5° 4	M22
T 23	4 7 18	0♐29'43	23°18	10°15	16°38	3° 9	1°10	20°27	26° 2	1° 8	6°40	7° 8	6° 6	22° 8	5° 1	T 23
W24	4 11 15	1°30'18	5♓16	11°47	17°53	3°52	1°19	20°34	26° 4	1°10	6°39	7°D 8	6° 2	22°15	4°58	W24
T 25	4 15 11	2°30'54	17° 7	13°19	19° 8	4°35	1°28	20°41	26° 6	1°12	6°38	7° 9	5°59	22°21	4°54	T 25
F 26	4 19 8	3°31'32	28°57	14°50	20°23	5°18	1°37	20°47	26° 8	1°15	6°37	7°10	5°56	22°28	4°51	F 26
S 27	4 23 4	4°32'10	10♈51	16°22	21°38	6° 1	1°46	20°54	26°10	1°17	6°36	7°12	5°53	22°35	4°48	S 27
S 28	4 27 1	5°32'49	22°53	17°53	22°53	6°44	1°55	21° 1	26°12	1°19	6°34	7°14	5°50	22°41	4°44	S 28
M29	4 30 57	6°33'30	5♉ 6	19°24	24° 8	7°27	2° 3	21° 8	26°14	1°21	6°33	7°R15	5°46	22°48	4°41	M29
T 30	4 34 54	7♐34'12	17♉34	20♐54	25♐23	8♐11	2♎12	21♐15	26♍16	1♐24	6♊32	7♉14	5♉43	22♓55	4♊37	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s18	9n26	0s58	12s32	0n47	17s 9	0n21	17s 8	0s 4	2n 1	1n 4	21s38	1n16	2n38	0n44	18s37	1n37	8n59	12s40	13n58	13n56	7s35	17n17	4s 6
T 2	14 37	14 41	0n10	13 11	0 41	17 31	0 19	17 21	0 4	1 57	1 4	21 39	1 16	2 36	0 44	18 37	1 37	8 59	12 40	13 58	13 55	7 32	17 16	4 7
W 3	14 56	19 24	1 18	13 49	0 34	17 53	0 17	17 33	0 5	1 53	1 4	21 39	1 15	2 35	0 44	18 38	1 37	8 58	12 40	13 58	13 53	7 28	17 15	4 7
T 4	15 14	23 20	2 23	14 26	0 28	18 15	0 14	17 45	0 5	1 48	1 4	21 40	1 15	2 34	0 44	18 38	1 37	8 58	12 40	13 58	13 52	7 25	17 14	4 7
F 5	15 33	26 10	3 23	15 3	0 21	18 36	0 12	17 56	0 6	1 44	1 5	21 41	1 15	2 33	0 44	18 39	1 37	8 58	12 40	13 58	13 51	7 22	17 14	4 7
S 6	15 51	27 38	4 13	15 39	0 14	18 57	0 9	18 8	0 7	1 40	1 5	21 41	1 15	2 32	0 44	18 39	1 37	8 58	12 40	13 58	13 50	7 19	17 13	4 8
S 7	16 9	27 33	4 50	16 14	0 7	19 17	0 7	18 20	0 7	1 36	1 5	21 42	1 15	2 31	0 44	18 40	1 37	8 57	12 40	13 57	13 49	7 16	17 12	4 8
M 8	16 27	25 49	5 12	16 49	0 1	19 36	0 4	18 31	0 8	1 32	1 5	21 43	1 15	2 30	0 44	18 40	1 37	8 57	12 40	13 57	13 48	7 13	17 12	4 8
T 9	16 44	22 33	5 16	17 22	0s 6	19 55	0 2	18 42	0 8	1 28	1 5	21 43	1 15	2 29	0 44	18 41	1 37	8 57	12 40	13 57	13 47	7 9	17 11	4 8
W10	17 1	17 57	5 2	17 55	0 13	20 13	0s 0	18 53	0 9	1 24	1 5	21 44	1 15	2 28	0 45	18 41	1 37	8 57	12 40	13 57	13 46	7 6	17 10	4 8
T 11	17 18	12 17	4 29	18 27	0 19	20 31	0 3	19 4	0 9	1 20	1 6	21 45	1 14	2 27	0 45	18 42	1 37	8 57	12 40	13 57	13 45	7 3	17 9	4 9
F 12	17 34	5 55	3 40	18 58	0 26	20 49	0 5	19 15	0 10	1 16	1 6	21 45	1 14	2 26	0 45	18 42	1 37	8 56	12 40	13 58	13 44	7 0	17 9	4 9
S 13	17 50	0s50	2 35	19 27	0 33	21 5	0 8	19 26	0 11	1 12	1 6	21 46	1 14	2 25	0 45	18 43	1 37	8 56	12 40	13 58	13 43	6 56	17 8	4 9
S 14	18 6	7 34	1 21	19 56	0 39	21 21	0 10	19 36	0 11	1 8	1 6	21 46	1 14	2 24	0 45	18 43	1 37	8 56	12 40	13 58	13 42	6 53	17 7	4 9
M15	18 22	13 53	0 1	20 24	0 45	21 37	0 13	19 46	0 12	1 4	1 6	21 47	1 14	2 23	0 45	18 43	1 37	8 56	12 40	13 58	13 41	6 50	17 6	4 9
T 16	18 37	19 23	1s17	20 51	0 52	21 52	0 15	19 57	0 12	1 0	1 6	21 48	1 14	2 22	0 45	18 44	1 37	8 55	12 41	13 58	13 40	6 47	17 6	4 9
W17	18 52	23 42	2 30	21 17	0 58	22 6	0 18	20 7	0 13	0 56	1 7	21 48	1 14	2 21	0 45	18 44	1 37	8 55	12 41	13 58	13 39	6 44	17 5	4 10
T 18	19 7	26 32	3 32	21 42	1 4	22 20	0 20	20 16	0 14	0 53	1 7	21 49	1 14	2 20	0 45	18 45	1 37	8 55	12 41	13 57	13 38	6 40	17 4	4 10
F 19	19 21	27 44	4 20	22 6	1 10	22 33	0 23	20 26	0 14	0 49	1 7	21 49	1 14	2 19	0 45	18 45	1 37	8 55	12 41	13 56	13 37	6 37	17 4	4 10
S 20	19 35	27 19	4 54	22 28	1 16	22 45	0 25	20 35	0 15	0 45	1 7	21 50	1 13	2 18	0 45	18 46	1 37	8 55	12 41	13 55	13 36	6 34	17 3	4 10
S 21	19 48	25 29	5 11	22 50	1 21	22 56	0 28	20 45	0 15	0 42	1 7	21 51	1 13	2 17	0 45	18 46	1 37	8 55	12 41	13 54	13 35	6 31	17 2	4 10
M22	20 2	22 27	5 14	23 10	1 27	23 7	0 30	20 54	0 16	0 38	1 8	21 51	1 13	2 17	0 45	18 47	1 37	8 54	12 41	13 54	13 34	6 28	17 1	4 10
T 23	20 14	18 30	5 2	23 30	1 32	23 18	0 33	21 3	0 17	0 34	1 8	21 52	1 13	2 16	0 45	18 47	1 37	8 54	12 41	13 53	13 33	6 24	17 1	4 10
W24	20 27	13 53	4 38	23 48	1 37	23 27	0 35	21 11	0 17	0 31	1 8	21 52	1 13	2 15	0 45	18 48	1 37	8 54	12 41	13 53	13 32	6 21	17 0	4 11
T 25	20 39	8 47	4 2	24 4	1 42	23 36	0 37	21 20	0 18	0 28	1 8	21 53	1 13	2 14	0 45	18 48	1 37	8 54	12 41	13 53	13 30	6 18	16 59	4 11
F 26	20 51	3 24	3 15	24 20	1 47	23 44	0 40	21 28	0 18	0 24	1 8	21 54	1 13	2 13	0 45	18 49	1 37	8 54	12 41	13 54	13 29	6 15	16 59	4 11
S 27	21 2	2n 9	2 20	24 34	1 51	23 52	0 42	21 37	0 19	0 21	1 9	21 54	1 13	2 13	0 45	18 49	1 37	8 54	12 41	13 54	13 28	6 11	16 58	4 11
S 28	21 13	7 41	1 18	24 48	1 56	23 58	0 45	21 45	0 20	0 18	1 9	21 55	1 13	2 12	0 45	18 49	1 37	8 53	12 41	13 55	13 27	6 8	16 57	4 11
M29	21 23	13 2	0 12	24 59	2 0	24 4	0 47	21 52	0 20	0 14	1 9	21 55	1 13	2 11	0 45	18 50	1 37	8 53	12 40	13 55	13 26	6 5	16 57	4 11
T 30	21s34	17n58	0n56	25s10	2s 3	24s10	0s49	22s 0	0s21	0n11	1n 9	21s56	1n13	2n11	0n45	18s50	1n37	8n53	12s40	13n55	13n25	6s 2	16n56	4s11

Julian Day Number = 2500791.5, Delta T = 111.85 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°37'27, Lahiri = 25°44'28

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ASTRODIENST EPHEMERIS for the year 2134
geocentric

DECEMBER 2134 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 38 50	8♐34'56	0♊18	22♐25	26♐38	8♐54	2♎20	21♐22	26♍18	1♐26	6°R31	7°R12	5♉40	23♓ 1	4°R34	W 1
T 2	4 42 47	9°35'40	13°19	23°55	27°52	9°37	2°29	21°29	26°19	1°28	6♊30	7♉ 8	5°37	23° 8	4♊31	T 2
F 3	4 46 44	10°36'26	26°36	25°25	29° 7	10°21	2°37	21°36	26°21	1°30	6°29	7° 3	5°34	23°15	4°27	F 3
S 4	4 50 40	11°37'13	10♋ 8	26°54	0♑22	11° 4	2°45	21°43	26°22	1°33	6°28	6°58	5°31	23°21	4°24	S 4
S 5	4 54 37	12°38'01	23°52	28°23	1°37	11°48	2°53	21°50	26°24	1°35	6°27	6°52	5°27	23°28	4°21	S 5
M 6	4 58 33	13°38'51	7♌45	29°51	2°52	12°31	3° 0	21°57	26°26	1°37	6°25	6°47	5°24	23°35	4°17	M 6
T 7	5 2 30	14°39'42	21°46	1♑19	4° 7	13°15	3° 8	22° 4	26°27	1°39	6°24	6°43	5°21	23°41	4°14	T 7
W 8	5 6 26	15°40'34	5♍51	2°46	5°22	13°58	3°16	22°11	26°28	1°41	6°23	6°41	5°18	23°48	4°11	W 8
T 9	5 10 23	16°41'28	19°59	4°13	6°37	14°42	3°23	22°18	26°30	1°44	6°22	6°D40	5°15	23°55	4° 8	T 9
F 10	5 14 20	17°42'23	4♎ 7	5°38	7°52	15°26	3°30	22°25	26°31	1°46	6°21	6°41	5°12	24° 1	4° 4	F 10
S 11	5 18 16	18°43'19	18°16	7° 3	9° 7	16°10	3°37	22°32	26°32	1°48	6°20	6°43	5° 8	24° 8	4° 1	S 11
S 12	5 22 13	19°44'17	2♏22	8°26	10°22	16°53	3°44	22°39	26°33	1°50	6°19	6°R44	5° 5	24°15	3°58	S 12
M13	5 26 9	20°45'16	16°24	9°48	11°37	17°37	3°51	22°47	26°34	1°52	6°18	6°43	5° 2	24°22	3°55	M13
T 14	5 30 6	21°46'15	0♐19	11° 8	12°52	18°21	3°58	22°54	26°36	1°55	6°17	6°41	4°59	24°28	3°52	T 14
W15	5 34 2	22°47'16	14° 5	12°25	14° 7	19° 5	4° 4	23° 1	26°37	1°57	6°15	6°36	4°56	24°35	3°48	W15
T 16	5 37 59	23°48'18	27°37	13°41	15°22	19°49	4°11	23° 8	26°37	1°59	6°14	6°29	4°52	24°42	3°45	T 16
F 17	5 41 55	24°49'21	10♑53	14°54	16°37	20°33	4°17	23°15	26°38	2° 1	6°13	6°21	4°49	24°48	3°42	F 17
S 18	5 45 52	25°50'24	23°52	16° 4	17°51	21°17	4°23	23°22	26°39	2° 3	6°12	6°11	4°46	24°55	3°39	S 18
S 19	5 49 49	26°51'27	6♒33	17° 9	19° 6	22° 2	4°29	23°29	26°40	2° 5	6°11	6° 2	4°43	25° 2	3°36	S 19
M20	5 53 45	27°52'32	18°57	18°11	20°21	22°46	4°35	23°36	26°41	2° 7	6°10	5°54	4°40	25° 8	3°33	M20
T 21	5 57 42	28°53'36	1♓ 6	19° 8	21°36	23°30	4°40	23°43	26°41	2° 9	6° 9	5°48	4°37	25°15	3°30	T 21
W22	6 1 38	29°54'41	13° 3	19°59	22°51	24°15	4°46	23°50	26°42	2°11	6° 8	5°44	4°33	25°22	3°27	W22
T 23	6 5 35	0♑55'46	24°54	20°44	24° 6	24°59	4°51	23°57	26°43	2°13	6° 7	5°42	4°30	25°28	3°24	T 23
F 24	6 9 31	1°56'51	6♈44	21°21	25°21	25°43	4°56	24° 4	26°43	2°15	6° 6	5°D42	4°27	25°35	3°22	F 24
S 25	6 13 28	2°57'57	18°36	21°50	26°35	26°28	5° 1	24°11	26°44	2°17	6° 5	5°43	4°24	25°42	3°19	S 25
S 26	6 17 24	3°59'03	0♉38	22°10	27°50	27°12	5° 6	24°18	26°44	2°19	6° 4	5°R44	4°21	25°48	3°16	S 26
M27	6 21 21	5° 0'09	12°54	22°R20	29° 5	27°57	5°10	24°25	26°44	2°21	6° 3	5°44	4°18	25°55	3°13	M27
T 28	6 25 18	6° 1'15	25°28	22°20	0♒20	28°41	5°15	24°32	26°45	2°23	6° 2	5°42	4°14	26° 2	3°11	T 28
W29	6 29 14	7° 2'22	8♊23	22° 8	1°34	29°26	5°19	24°39	26°45	2°25	6° 1	5°37	4°11	26° 8	3° 8	W29
T 30	6 33 11	8° 3'28	21°41	21°44	2°49	0♑11	5°23	24°46	26°45	2°27	6° 0	5°30	4° 8	26°15	3° 5	T 30
F 31	6 37 7	9♑ 4'35	5♋21	21♑ 8	4♒ 4	0♑56	5♎27	24♐53	26♍45	2♐29	5♊59	5♉21	4♉ 5	26♓22	3♊ 3	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s43	22n12	2n 3	25s19	2s 7	24s14	0s51	22s 7	0s21	0n 8	1n 9	21s56	1n12	2n10	0n45	18s51	1n37	8n53	12s40	13n54	13n24	5s58	16n55	4s11
T 2	21 52	25 26	3 4	25 27	2 10	24 18	0 54	22 14	0 22	0 5	1 10	21 57	1 12	2 9	0 45	18 51	1 37	8 53	12 40	13 53	13 23	5 55	16 55	4 11
F 3	22 1	27 20	3 57	25 33	2 13	24 21	0 56	22 21	0 22	0 2	1 10	21 57	1 12	2 9	0 45	18 52	1 37	8 53	12 40	13 52	13 22	5 52	16 54	4 11
S 4	22 10	27 39	4 38	25 38	2 15	24 23	0 58	22 28	0 23	0s 1	1 10	21 58	1 12	2 8	0 45	18 52	1 37	8 53	12 40	13 50	13 21	5 49	16 53	4 11
S 5	22 18	26 17	5 3	25 42	2 17	24 25	1 0	22 35	0 24	0 4	1 10	21 58	1 12	2 7	0 45	18 53	1 37	8 52	12 40	13 48	13 20	5 45	16 53	4 11
M 6	22 25	23 19	5 11	25 44	2 19	24 26	1 2	22 41	0 24	0 7	1 10	21 59	1 12	2 7	0 45	18 53	1 37	8 52	12 40	13 46	13 19	5 42	16 52	4 12
T 7	22 33	18 58	5 0	25 45	2 20	24 26	1 4	22 47	0 25	0 10	1 11	21 59	1 12	2 6	0 45	18 53	1 37	8 52	12 40	13 45	13 18	5 39	16 51	4 12
W 8	22 39	13 34	4 32	25 45	2 21	24 25	1 6	22 53	0 25	0 13	1 11	22 0	1 12	2 6	0 46	18 54	1 37	8 52	12 40	13 44	13 17	5 36	16 51	4 12
T 9	22 46	7 26	3 46	25 43	2 21	24 24	1 8	22 59	0 26	0 15	1 11	22 0	1 12	2 5	0 46	18 54	1 37	8 52	12 40	13 44	13 16	5 32	16 50	4 12
F 10	22 51	0 56	2 48	25 39	2 21	24 21	1 10	23 4	0 27	0 18	1 11	22 1	1 12	2 5	0 46	18 55	1 37	8 52	12 40	13 44	13 15	5 29	16 49	4 12
S 11	22 57	5s38	1 38	25 34	2 20	24 18	1 12	23 9	0 27	0 21	1 12	22 1	1 12	2 4	0 46	18 55	1 37	8 52	12 40	13 45	13 14	5 26	16 49	4 12
S 12	23 2	11 55	0 24	25 28	2 19	24 15	1 14	23 14	0 28	0 23	1 12	22 2	1 12	2 4	0 46	18 56	1 37	8 52	12 40	13 45	13 13	5 23	16 48	4 12
M13	23 6	17 34	0s52	25 20	2 17	24 10	1 16	23 19	0 28	0 26	1 12	22 2	1 12	2 4	0 46	18 56	1 37	8 52	12 40	13 45	13 11	5 19	16 48	4 12
T 14	23 10	22 14	2 4	25 11	2 14	24 5	1 17	23 24	0 29	0 28	1 12	22 3	1 11	2 3	0 46	18 56	1 37	8 52	12 39	13 44	13 10	5 16	16 47	4 12
W15	23 14	25 35	3 8	25 1	2 11	23 59	1 19	23 28	0 29	0 30	1 13	22 3	1 11	2 3	0 46	18 57	1 37	8 52	12 39	13 43	13 9	5 13	16 47	4 12
T 16	23 17	27 24	4 0	24 49	2 7	23 53	1 21	23 32	0 30	0 33	1 13	22 3	1 11	2 3	0 46	18 57	1 37	8 51	12 39	13 40	13 8	5 10	16 46	4 12
F 17	23 19	27 35	4 37	24 37	2 2	23 45	1 22	23 36	0 31	0 35	1 13	22 4	1 11	2 2	0 46	18 58	1 37	8 51	12 39	13 38	13 7	5 6	16 45	4 12
S 18	23 22	26 14	5 0	24 23	1 56	23 37	1 24	23 39	0 31	0 37	1 13	22 4	1 11	2 2	0 46	18 58	1 37	8 51	12 39	13 35	13 6	5 3	16 45	4 12
S 19	23 23	23 34	5 6	24 8	1 49	23 28	1 25	23 43	0 32	0 39	1 13	22 5	1 11	2 2	0 46	18 58	1 37	8 51	12 39	13 31	13 5	5 0	16 44	4 12
M20	23 24	19 52	4 59	23 52	1 41	23 19	1 27	23 46	0 32	0 41	1 14	22 5	1 11	2 1	0 46	18 59	1 37	8 51	12 39	13 29	13 4	4 56	16 44	4 12
T 21	23 25	15 24	4 37	23 35	1 33	23 9	1 28	23 49	0 33	0 43	1 14	22 5	1 11	2 1	0 46	18 59	1 37	8 51	12 39	13 27	13 3	4 53	16 43	4 12
W22	23 25	10 25	4 4	23 18	1 23	22 58	1 29	23 51	0 33	0 45	1 14	22 6	1 11	2 1	0 46	19 0	1 37	8 51	12 38	13 25	13 2	4 50	16 43	4 12
T 23	23 25	5 6	3 21	23 0	1 11	22 46	1 31	23 54	0 34	0 47	1 14	22 6	1 11	2 1	0 46	19 0	1 37	8 51	12 38	13 25	13 1	4 47	16 42	4 12
F 24	23 25	0n23	2 29	22 42	0 59	22 34	1 32	23 56	0 34	0 49	1 15	22 7	1 11	2 1	0 46	19 0	1 38	8 51	12 38	13 25	13 0	4 43	16 42	4 11
S 25	23 23	5 53	1 31	22 24	0 45	22 21	1 33	23 58	0 35	0 51	1 15	22 7	1 11	2 0	0 46	19 1	1 38	8 51	12 38	13 25	12 59	4 40	16 41	4 11
S 26	23 22	11 16	0 27	22 6	0 31	22 7	1 34	23 59	0 36	0 52	1 15	22 7	1 11	2 0	0 46	19 1	1 38	8 51	12 38	13 25	12 58	4 37	16 41	4 11
M27	23 20	16 18	0n38	21 49	0 15	21 53	1 35	24 1	0 36	0 54	1 16	22 8	1 11	2 0	0 46	19 1	1 38	8 51	12 38	13 25	12 57	4 34	16 40	4 11
T 28	23 17	20 47	1 43	21 32	0n 3	21 38	1 36	24 2	0 37	0 55	1 16	22 8	1 11	2 0	0 46	19 2	1 38	8 51	12 38	13 25	12 55	4 30	16 40	4 11
W29	23 14	24 24	2 45	21 16	0 21	21 22	1 37	24 3	0 37	0 57	1 16	22 8	1 11	2 0	0 46	19 2	1 38	8 51	12 37	13 23	12 54	4 27	16 40	4 11
T 30	23 11	26 49	3 39	21 1	0 40	21 6	1 38	24 3	0 38	0 58	1 16	22 9	1 11	2 0	0 46	19 2	1 38	8 51	12 37	13 21	12 53	4 24	16 39	4 11
F 31	23s 7	27n41	4n23	20s48	0n59	20s49	1s38	24s 4	0s38	1s 0	1n17	22s 9	1n11	2n 0	0n46	19s 3	1n38	8n51	12s37	13n18	12n52	4s20	16n39	4s11

Julian Day Number = 2500821.5, Delta T = 111.90 sec
Ecliptic obliquity = 23°25'25, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°37'32, Lahiri = 25°44'32

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ASTRODIENST EPHEMERIS for the year 2135
geocentric

JANUARY 2135 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 4	10♑ 5'42	19♋20	20°R21	5♒18	1♑40	5♎31	25♐ 0	26°R45	2♐31	5°R58	5°R10	4♉ 2	26♓28	3°R 0	S 1
S 2	6 45 0	11° 6'49	3♌33	19♑23	6°33	2°25	5°35	25° 7	26♍45	2°33	5♊57	4♉59	3°59	26°35	2♊58	S 2
M 3	6 48 57	12° 7'57	17°56	18°17	7°48	3°10	5°38	25°14	26°45	2°35	5°57	4°49	3°55	26°42	2°55	M 3
T 4	6 52 54	13° 9'05	2♍20	17° 2	9° 2	3°55	5°41	25°21	26°45	2°37	5°56	4°40	3°52	26°48	2°53	T 4
W 5	6 56 50	14°10'13	16°43	15°44	10°17	4°40	5°44	25°28	26°45	2°38	5°55	4°35	3°49	26°55	2°51	W 5
T 6	7 0 47	15°11'21	0♎58	14°22	11°32	5°25	5°47	25°35	26°44	2°40	5°54	4°32	3°46	27° 2	2°49	T 6
F 7	7 4 43	16°12'30	15° 5	13° 2	12°46	6°10	5°50	25°41	26°44	2°42	5°53	4°D31	3°43	27° 8	2°46	F 7
S 8	7 8 40	17°13'39	29° 3	11°44	14° 1	6°55	5°53	25°48	26°44	2°44	5°52	4°R32	3°39	27°15	2°44	S 8
S 9	7 12 36	18°14'48	12♏51	10°31	15°15	7°40	5°55	25°55	26°43	2°45	5°51	4°31	3°36	27°22	2°42	S 9
M10	7 16 33	19°15'57	26°29	9°25	16°30	8°25	5°57	26° 2	26°43	2°47	5°51	4°30	3°33	27°28	2°40	M10
T 11	7 20 29	20°17'07	9♐59	8°28	17°44	9°11	5°59	26° 8	26°42	2°49	5°50	4°25	3°30	27°35	2°38	T 11
W12	7 24 26	21°18'17	23°18	7°40	18°59	9°56	6° 1	26°15	26°42	2°50	5°49	4°18	3°27	27°42	2°36	W12
T 13	7 28 23	22°19'26	6♑27	7° 2	20°13	10°41	6° 2	26°22	26°41	2°52	5°48	4° 7	3°24	27°48	2°34	T 13
F 14	7 32 19	23°20'36	19°24	6°34	21°28	11°27	6° 4	26°28	26°41	2°54	5°48	3°54	3°20	27°55	2°33	F 14
S 15	7 36 16	24°21'45	2♒ 8	6°16	22°42	12°12	6° 5	26°35	26°40	2°55	5°47	3°40	3°17	28° 2	2°31	S 15
S 16	7 40 12	25°22'53	14°39	6° 7	23°56	12°58	6° 6	26°41	26°39	2°57	5°46	3°26	3°14	28° 8	2°29	S 16
M17	7 44 9	26°24'01	26°56	6°D 7	25°11	13°43	6° 7	26°48	26°38	2°58	5°46	3°13	3°11	28°15	2°28	M17
T 18	7 48 5	27°25'09	9♓ 2	6°15	26°25	14°29	6° 8	26°54	26°37	3° 0	5°45	3° 3	3° 8	28°22	2°26	T 18
W19	7 52 2	28°26'16	20°57	6°31	27°39	15°14	6° 8	27° 1	26°36	3° 1	5°44	2°55	3° 5	28°28	2°24	W19
T 20	7 55 58	29°27'22	2♈47	6°54	28°53	16° 0	6° 8	27° 7	26°35	3° 3	5°44	2°50	3° 1	28°35	2°23	T 20
F 21	7 59 55	0♒28'27	14°34	7°23	0♓ 8	16°45	6°R 8	27°13	26°34	3° 4	5°43	2°48	2°58	28°42	2°22	F 21
S 22	8 3 52	1°29'32	26°25	7°58	1°22	17°31	6° 8	27°20	26°33	3° 6	5°43	2°47	2°55	28°48	2°20	S 22
S 23	8 7 48	2°30'36	8♉24	8°38	2°36	18°17	6° 8	27°26	26°32	3° 7	5°42	2°47	2°52	28°55	2°19	S 23
M24	8 11 45	3°31'39	20°37	9°22	3°50	19° 2	6° 7	27°32	26°31	3° 8	5°41	2°47	2°49	29° 2	2°18	M24
T 25	8 15 41	4°32'41	3♊10	10°11	5° 4	19°48	6° 7	27°38	26°30	3°10	5°41	2°44	2°45	29° 9	2°17	T 25
W26	8 19 38	5°33'42	16° 8	11° 4	6°18	20°34	6° 6	27°44	26°28	3°11	5°40	2°39	2°42	29°15	2°16	W26
T 27	8 23 34	6°34'42	29°32	12° 0	7°32	21°20	6° 5	27°50	26°27	3°12	5°40	2°32	2°39	29°22	2°15	T 27
F 28	8 27 31	7°35'41	13♋23	12°59	8°46	22° 6	6° 3	27°56	26°26	3°13	5°39	2°22	2°36	29°29	2°14	F 28
S 29	8 31 27	8°36'40	27°40	14° 2	9°59	22°52	6° 2	28° 2	26°24	3°15	5°39	2°10	2°33	29°35	2°13	S 29
S 30	8 35 24	9°37'37	12♌16	15° 6	11°13	23°38	6° 0	28° 8	26°23	3°16	5°39	1°58	2°30	29°42	2°13	S 30
M31	8 39 21	10♒38'33	27♌ 5	16♑13	12♓27	24♑24	5♎58	28♐14	26♍21	3♐17	5♊38	1♉46	2♉26	29♓49	2♊12	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 2	26n50	4n51	20s35	1n19	20s32	1s39	24s 4	0s39	1s 1	1n17	22s 9	1n11	2n 0	0n47	19s 3	1n38	8n51	12s37	13n14	12n51	4s17	16n38	4s11
S 2	22 58	24 15	5 2	20 24	1 38	20 14	1 40	24 3	0 39	1 2	1 17	22 9	1 11	2 0	0 47	19 4	1 38	8 51	12 37	13 10	12 50	4 14	16 38	4 11
M 3	22 52	20 7	4 55	20 15	1 57	19 55	1 40	24 3	0 40	1 3	1 17	22 10	1 11	2 0	0 47	19 4	1 38	8 51	12 36	13 7	12 49	4 10	16 38	4 11
T 4	22 46	14 48	4 28	20 7	2 14	19 36	1 41	24 2	0 40	1 4	1 18	22 10	1 11	2 0	0 47	19 4	1 38	8 51	12 36	13 4	12 48	4 7	16 37	4 11
W 5	22 40	8 42	3 45	20 0	2 30	19 16	1 41	24 1	0 41	1 5	1 18	22 10	1 11	2 0	0 47	19 4	1 38	8 52	12 36	13 2	12 47	4 4	16 37	4 11
T 6	22 34	2 11	2 48	19 55	2 45	18 56	1 41	24 0	0 42	1 6	1 18	22 11	1 10	2 1	0 47	19 5	1 38	8 52	12 36	13 1	12 46	4 1	16 37	4 10
F 7	22 26	4s23	1 41	19 52	2 56	18 35	1 42	23 59	0 42	1 7	1 18	22 11	1 10	2 1	0 47	19 5	1 38	8 52	12 36	13 1	12 45	3 57	16 36	4 10
S 8	22 19	10 41	0 29	19 49	3 6	18 14	1 42	23 57	0 43	1 8	1 19	22 11	1 10	2 1	0 47	19 5	1 38	8 52	12 35	13 1	12 44	3 54	16 36	4 10
S 9	22 11	16 23	0s44	19 49	3 12	17 52	1 42	23 55	0 43	1 8	1 19	22 11	1 10	2 1	0 47	19 6	1 38	8 52	12 35	13 1	12 43	3 51	16 36	4 10
M10	22 2	21 12	1 54	19 49	3 17	17 30	1 42	23 53	0 44	1 9	1 19	22 11	1 10	2 1	0 47	19 6	1 38	8 52	12 35	13 1	12 42	3 47	16 36	4 10
T 11	21 54	24 50	2 56	19 51	3 19	17 7	1 42	23 50	0 44	1 9	1 20	22 12	1 10	2 2	0 47	19 6	1 38	8 52	12 35	12 59	12 40	3 44	16 35	4 10
W12	21 44	27 2	3 48	19 54	3 18	16 44	1 42	23 48	0 45	1 10	1 20	22 12	1 10	2 2	0 47	19 7	1 38	8 52	12 35	12 57	12 39	3 41	16 35	4 10
T 13	21 35	27 42	4 26	19 58	3 16	16 20	1 41	23 45	0 45	1 10	1 20	22 12	1 10	2 2	0 47	19 7	1 38	8 52	12 34	12 53	12 38	3 37	16 35	4 10
F 14	21 24	26 49	4 51	20 4	3 12	15 56	1 41	23 41	0 46	1 11	1 20	22 12	1 10	2 2	0 47	19 7	1 38	8 52	12 34	12 49	12 37	3 34	16 35	4 9
S 15	21 14	24 32	5 0	20 10	3 7	15 31	1 41	23 38	0 46	1 11	1 21	22 12	1 10	2 3	0 47	19 7	1 38	8 52	12 34	12 44	12 36	3 31	16 34	4 9
S 16	21 3	21 7	4 54	20 17	3 1	15 6	1 40	23 34	0 47	1 11	1 21	22 13	1 10	2 3	0 47	19 8	1 38	8 53	12 34	12 39	12 35	3 27	16 34	4 9
M17	20 52	16 50	4 35	20 24	2 53	14 41	1 40	23 30	0 47	1 11	1 21	22 13	1 10	2 3	0 47	19 8	1 38	8 53	12 33	12 35	12 34	3 24	16 34	4 9
T 18	20 40	11 56	4 4	20 32	2 45	14 15	1 39	23 26	0 48	1 11	1 21	22 13	1 10	2 4	0 47	19 8	1 38	8 53	12 33	12 31	12 33	3 21	16 34	4 9
W19	20 28	6 40	3 22	20 40	2 36	13 49	1 38	23 21	0 48	1 11	1 22	22 13	1 10	2 4	0 47	19 8	1 38	8 53	12 33	12 29	12 32	3 18	16 34	4 9
T 20	20 15	1 13	2 32	20 48	2 27	13 23	1 38	23 16	0 49	1 11	1 22	22 13	1 10	2 5	0 47	19 9	1 38	8 53	12 33	12 27	12 31	3 14	16 34	4 9
F 21	20 2	4n17	1 35	20 56	2 17	12 56	1 37	23 11	0 49	1 11	1 22	22 13	1 10	2 5	0 47	19 9	1 38	8 53	12 32	12 26	12 30	3 11	16 34	4 8
S 22	19 49	9 40	0 34	21 4	2 7	12 28	1 36	23 6	0 50	1 10	1 23	22 14	1 10	2 6	0 47	19 9	1 39	8 53	12 32	12 26	12 29	3 8	16 33	4 8
S 23	19 35	14 46	0n30	21 12	1 57	12 1	1 35	23 0	0 50	1 10	1 23	22 14	1 10	2 6	0 47	19 9	1 39	8 54	12 32	12 26	12 27	3 4	16 33	4 8
M24	19 21	19 23	1 33	21 19	1 47	11 33	1 34	22 54	0 51	1 9	1 23	22 14	1 10	2 7	0 47	19 9	1 39	8 54	12 32	12 26	12 26	3 1	16 33	4 8
T 25	19 7	23 17	2 33	21 26	1 37	11 5	1 32	22 48	0 51	1 9	1 23	22 14	1 10	2 7	0 47	19 10	1 39	8 54	12 31	12 25	12 25	2 58	16 33	4 8
W26	18 52	26 9	3 28	21 32	1 27	10 37	1 31	22 42	0 52	1 8	1 24	22 14	1 10	2 8	0 47	19 10	1 39	8 54	12 31	12 23	12 24	2 54	16 33	4 8
T 27	18 37	27 38	4 13	21 37	1 16	10 8	1 30	22 35	0 52	1 8	1 24	22 14	1 10	2 8	0 48	19 10	1 39	8 54	12 31	12 21	12 23	2 51	16 33	4 7
F 28	18 22	27 28	4 44	21 41	1 6	9 39	1 29	22 29	0 52	1 7	1 24	22 14	1 10	2 9	0 48	19 10	1 39	8 54	12 31	12 17	12 22	2 48	16 33	4 7
S 29	18 6	25 30	4 59	21 45	0 56	9 10	1 27	22 21	0 53	1 6	1 24	22 14	1 10	2 9	0 48	19 10	1 39	8 55	12 30	12 13	12 21	2 44	16 33	4 7
S 30	17 50	21 50	4 56	21 48	0 47	8 40	1 25	22 14	0 53	1 5	1 25	22 14	1 10	2 10	0 48	19 11	1 39	8 55	12 30	12 9	12 20	2 41	16 33	4 7
M31	17s33	16n44	4n32	21s50	0n37	8s11	1s24	22s 7	0s54	1s 4	1n25	22s14	1n10	2n11	0n48	19s11	1n39	8n55	12s30	12n 5	12n19	2s38	16n33	4s 7

Julian Day Number = 2500852.5, Delta T = 111.95 sec
Ecliptic obliquity = 23°25'25, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°37'36, Lahiri = 25°44'36

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ASTRODIENST EPHEMERIS for the year 2135
geocentric

FEBRUARY 2135 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 17	11♒39'29	11♍58	17♉23	13♓41	25♉10	5°R56	28♐20	26°R20	3♐18	5°R38	1°R37	2♉23	29♓55	2°R11	T 1
W 2	8 47 14	12°40'24	26°45	18°34	14°54	25°56	5♎54	28°26	26♍18	3°19	5♊37	1♉30	2°20	0♈ 2	2♊11	W 2
T 3	8 51 10	13°41'18	11♎21	19°47	16° 8	26°42	5°52	28°31	26°16	3°20	5°37	1°27	2°17	0° 9	2°10	T 3
F 4	8 55 7	14°42'11	25°41	21° 1	17°21	27°28	5°49	28°37	26°15	3°21	5°37	1°D26	2°14	0°15	2°10	F 4
S 5	8 59 3	15°43'03	9♏44	22°18	18°35	28°14	5°46	28°43	26°13	3°22	5°36	1°R26	2°10	0°22	2° 9	S 5
S 6	9 3 0	16°43'55	23°28	23°35	19°48	29° 0	5°44	28°48	26°11	3°23	5°36	1°26	2° 7	0°29	2° 9	S 6
M 7	9 6 56	17°44'46	6♐56	24°54	21° 2	29°46	5°40	28°54	26° 9	3°24	5°36	1°24	2° 4	0°35	2° 9	M 7
T 8	9 10 53	18°45'37	20° 9	26°15	22°15	0♒33	5°37	28°59	26° 7	3°25	5°36	1°20	2° 1	0°42	2° 9	T 8
W 9	9 14 50	19°46'26	3♑ 9	27°36	23°28	1°19	5°34	29° 4	26° 5	3°26	5°35	1°14	1°58	0°49	2°D 9	W 9
T 10	9 18 46	20°47'14	15°56	28°59	24°42	2° 5	5°30	29°10	26° 4	3°27	5°35	1° 4	1°55	0°55	2° 9	T 10
F 11	9 22 43	21°48'02	28°33	0♒23	25°55	2°51	5°26	29°15	26° 2	3°27	5°35	0°52	1°51	1° 2	2° 9	F 11
S 12	9 26 39	22°48'48	11♒ 0	1°48	27° 8	3°38	5°22	29°20	26° 0	3°28	5°35	0°39	1°48	1° 9	2° 9	S 12
S 13	9 30 36	23°49'33	23°16	3°14	28°21	4°24	5°18	29°25	25°57	3°29	5°35	0°26	1°45	1°15	2° 9	S 13
M14	9 34 32	24°50'16	5♓23	4°41	29°34	5°11	5°13	29°30	25°55	3°30	5°35	0°14	1°42	1°22	2°10	M14
T 15	9 38 29	25°50'58	17°22	6° 8	0♈47	5°57	5° 9	29°35	25°53	3°30	5°35	0° 4	1°39	1°29	2°10	T 15
W16	9 42 25	26°51'39	29°14	7°37	2° 0	6°44	5° 4	29°40	25°51	3°31	5°34	29♈57	1°36	1°35	2°10	W16
T 17	9 46 22	27°52'18	11♈ 1	9° 7	3°12	7°30	4°59	29°45	25°49	3°31	5°34	29°53	1°32	1°42	2°11	T 17
F 18	9 50 19	28°52'55	22°48	10°38	4°25	8°16	4°54	29°50	25°47	3°32	5°34	29°51	1°29	1°49	2°12	F 18
S 19	9 54 15	29°53'31	4♉37	12° 9	5°38	9° 3	4°49	29°54	25°44	3°33	5°D34	29°D50	1°26	1°55	2°12	S 19
S 20	9 58 12	0♓54'05	16°35	13°42	6°50	9°50	4°44	29°59	25°42	3°33	5°34	29°51	1°23	2° 2	2°13	S 20
M21	10 2 8	1°54'37	28°45	15°15	8° 3	10°36	4°38	0♑ 3	25°40	3°34	5°34	29°R52	1°20	2° 8	2°14	M21
T 22	10 6 5	2°55'08	11♊14	16°50	9°15	11°23	4°33	0° 8	25°38	3°34	5°35	29°52	1°16	2°15	2°15	T 22
W23	10 10 1	3°55'37	24° 7	18°25	10°27	12° 9	4°27	0°12	25°35	3°34	5°35	29°49	1°13	2°22	2°16	W23
T 24	10 13 58	4°56'04	7♋27	20° 1	11°40	12°56	4°21	0°16	25°33	3°35	5°35	29°45	1°10	2°28	2°17	T 24
F 25	10 17 54	5°56'29	21°16	21°39	12°52	13°43	4°15	0°21	25°30	3°35	5°35	29°39	1° 7	2°35	2°18	F 25
S 26	10 21 51	6°56'52	5♌35	23°17	14° 4	14°29	4° 9	0°25	25°28	3°35	5°35	29°31	1° 4	2°42	2°19	S 26
S 27	10 25 48	7°57'13	20°18	24°56	15°16	15°16	4° 3	0°29	25°26	3°36	5°35	29°22	1° 1	2°48	2°20	S 27
M28	10 29 44	8♓57'33	5♍20	26♒36	16♈28	16♒ 3	3♎57	0♑33	25♍23	3♐36	5♊35	29♈14	0♉57	2♈55	2♊21	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s17	10n37	3n50	21s50	0n28	7s41	1s22	21s59	0s54	1s 3	1n25	22s14	1n10	2n11	0n48	19s11	1n39	8n55	12s29	12n 2	12n18	2s34	16n33	4s 7	
W 2	17 0	3 55	2 52	21 50	0 18	7 11	1 20	21 51	0 55	1 2	1 26	22 15	1 10	2 12	0 48	19 11	1 39	8 56	12 29	11 59	12 17	2 31	16 33	4 6	
T 3	16 42	2s54	1 44	21 49	0 9	6 40	1 18	21 42	0 55	1 1	1 26	22 15	1 10	2 13	0 48	19 11	1 39	8 56	12 29	11 58	12 15	2 28	16 34	4 6	
F 4	16 25	9 27	0 30	21 46	0 1	6 10	1 17	21 34	0 56	1 0	1 26	22 15	1 10	2 13	0 48	19 11	1 39	8 56	12 29	11 58	12 14	2 24	16 34	4 6	
S 5	16 7	15 25	0s44	21 43	0s 8	5 39	1 15	21 25	0 56	0 58	1 26	22 15	1 10	2 14	0 48	19 12	1 39	8 56	12 28	11 58	12 13	2 21	16 34	4 6	
S 6	15 49	20 28	1 54	21 38	0 16	5 9	1 12	21 16	0 56	0 57	1 27	22 15	1 10	2 15	0 48	19 12	1 39	8 56	12 28	11 58	12 12	2 18	16 34	4 6	
M 7	15 30	24 21	2 56	21 32	0 24	4 38	1 10	21 7	0 57	0 55	1 27	22 15	1 10	2 16	0 48	19 12	1 39	8 57	12 28	11 57	12 11	2 14	16 34	4 5	
T 8	15 12	26 51	3 48	21 25	0 32	4 7	1 8	20 57	0 57	0 54	1 27	22 15	1 10	2 16	0 48	19 12	1 39	8 57	12 27	11 56	12 10	2 11	16 34	4 5	
W 9	14 53	27 50	4 27	21 17	0 40	3 36	1 6	20 47	0 58	0 52	1 27	22 15	1 10	2 17	0 48	19 12	1 39	8 57	12 27	11 54	12 9	2 8	16 34	4 5	
T 10	14 33	27 18	4 51	21 7	0 47	3 5	1 3	20 38	0 58	0 51	1 28	22 15	1 11	2 18	0 48	19 12	1 39	8 57	12 27	11 50	12 8	2 4	16 35	4 5	
F 11	14 14	25 21	5 1	20 56	0 54	2 33	1 1	20 27	0 58	0 49	1 28	22 15	1 11	2 19	0 48	19 12	1 39	8 58	12 27	11 46	12 7	2 1	16 35	4 5	
S 12	13 54	22 13	4 57	20 44	1 1	2 2	0 58	20 17	0 59	0 47	1 28	22 15	1 11	2 20	0 48	19 12	1 40	8 58	12 26	11 42	12 6	1 58	16 35	4 4	
S 13	13 34	18 8	4 38	20 31	1 8	1 31	0 56	20 6	0 59	0 45	1 28	22 15	1 11	2 20	0 48	19 12	1 40	8 58	12 26	11 37	12 5	1 54	16 35	4 4	
M14	13 14	13 22	4 8	20 17	1 14	0 59	0 53	19 56	1 0	0 43	1 28	22 15	1 11	2 21	0 48	19 13	1 40	8 58	12 26	11 33	12 3	1 51	16 35	4 4	
T 15	12 54	8 9	3 26	20 1	1 20	0 28	0 51	19 45	1 0	0 41	1 29	22 15	1 11	2 22	0 48	19 13	1 40	8 59	12 25	11 29	12 2	1 47	16 36	4 4	
W16	12 33	2 41	2 36	19 44	1 25	0n 4	0 48	19 33	1 0	0 39	1 29	22 15	1 11	2 23	0 48	19 13	1 40	8 59	12 25	11 27	12 1	1 44	16 36	4 4	
T 17	12 12	2n50	1 39	19 25	1 31	0 35	0 45	19 22	1 1	0 37	1 29	22 15	1 11	2 24	0 48	19 13	1 40	8 59	12 25	11 25	12 0	1 41	16 36	4 4	
F 18	11 51	8 17	0 38	19 6	1 36	1 7	0 42	19 10	1 1	0 35	1 29	22 15	1 11	2 25	0 48	19 13	1 40	9 0	12 25	11 25	11 59	1 37	16 37	4 3	
S 19	11 30	13 27	0n26	18 45	1 40	1 38	0 39	18 58	1 2	0 33	1 30	22 15	1 11	2 26	0 48	19 13	1 40	9 0	12 24	11 25	11 58	1 34	16 37	4 3	
S 20	11 9	18 12	1 29	18 22	1 45	2 10	0 36	18 46	1 2	0 30	1 30	22 15	1 11	2 27	0 48	19 13	1 40	9 0	12 24	11 25	11 57	1 31	16 37	4 3	
M21	10 47	22 17	2 29	17 59	1 49	2 41	0 33	18 34	1 2	0 28	1 30	22 15	1 11	2 28	0 48	19 13	1 40	9 0	12 24	11 25	11 56	1 27	16 38	4 3	
T 22	10 26	25 28	3 23	17 34	1 53	3 12	0 30	18 21	1 3	0 26	1 30	22 15	1 11	2 28	0 48	19 13	1 40	9 1	12 23	11 25	11 55	1 24	16 38	4 3	
W23	10 4	27 27	4 9	17 8	1 56	3 44	0 27	18 9	1 3	0 23	1 30	22 15	1 11	2 29	0 48	19 13	1 40	9 1	12 23	11 24	11 53	1 21	16 38	4 2	
T 24	9 42	27 56	4 44	16 41	1 59	4 15	0 24	17 56	1 3	0 21	1 31	22 14	1 11	2 30	0 48	19 13	1 40	9 1	12 23	11 23	11 52	1 17	16 39	4 2	
F 25	9 20	26 44	5 3	16 12	2 1	4 46	0 20	17 43	1 4	0 18	1 31	22 14	1 11	2 31	0 48	19 13	1 40	9 2	12 22	11 20	11 51	1 14	16 39	4 2	
S 26	8 57	23 47	5 5	15 42	2 4	5 17	0 17	17 30	1 4	0 16	1 31	22 14	1 11	2 32	0 48	19 13	1 40	9 2	12 22	11 18	11 50	1 11	16 39	4 2	
S 27	8 35	19 14	4 46	15 11	2 6	5 48	0 14	17 16	1 4	0 13	1 31	22 14	1 11	2 33	0 48	19 13	1 40	9 2	12 22	11 15	11 49	1 7	16 40	4 2	
M28	8s12	13n24	4n 8	14s38	2s 7	6n19	0s10	17s 3	1s 5	0s10	1n31	22s14	1n11	2n34	0n48	19s13	1n40	9n 3	12s22	11n12	11n48	1s 4	16n40	4s 1	

Julian Day Number = 2500883.5, Delta T = 112.00 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°37'40, Lahiri = 25°44'41

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ASTRODIENST EPHEMERIS for the year 2135
geocentric

MARCH 2135 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 33 41	9♓57'51	20♍31	28♒17	17♈39	16♒49	3°R50	0♑37	25°R21	3♐36	5♊36	29°R 8	0♉54	3♈ 2	2♊23	T 1
W 2	10 37 37	10°58'07	5♎40	29°59	18°51	17°36	3♎43	0°40	25♍18	3°36	5°36	29♈ 4	0°51	3° 8	2°24	W 2
T 3	10 41 34	11°58'21	20°38	1♓42	20° 2	18°23	3°37	0°44	25°16	3°36	5°36	29° 2	0°48	3°15	2°25	T 3
F 4	10 45 30	12°58'34	5♏18	3°26	21°14	19° 9	3°30	0°48	25°13	3°36	5°36	29°D 1	0°45	3°22	2°27	F 4
S 5	10 49 27	13°58'46	19°36	5°11	22°25	19°56	3°23	0°51	25°11	3°36	5°37	29° 2	0°42	3°28	2°29	S 5
S 6	10 53 23	14°58'56	3♐30	6°57	23°37	20°43	3°16	0°55	25° 8	3°R36	5°37	29° 4	0°38	3°35	2°30	S 6
M 7	10 57 20	15°59'05	17° 1	8°45	24°48	21°30	3° 9	0°58	25° 5	3°36	5°37	29°R 4	0°35	3°42	2°32	M 7
T 8	11 1 17	16°59'12	0♑11	10°33	25°59	22°17	3° 2	1° 2	25° 3	3°36	5°38	29° 3	0°32	3°48	2°34	T 8
W 9	11 5 13	17°59'17	13° 2	12°22	27°10	23° 3	2°55	1° 5	25° 0	3°36	5°38	29° 0	0°29	3°55	2°36	W 9
T 10	11 9 10	18°59'21	25°37	14°13	28°21	23°50	2°47	1° 8	24°58	3°36	5°39	28°56	0°26	4° 2	2°38	T 10
F 11	11 13 6	19°59'24	8♒ 0	16° 5	29°31	24°37	2°40	1°11	24°55	3°36	5°39	28°50	0°22	4° 8	2°40	F 11
S 12	11 17 3	20°59'24	20°12	17°57	0♉42	25°24	2°32	1°14	24°52	3°36	5°39	28°43	0°19	4°15	2°42	S 12
S 13	11 20 59	21°59'23	2♓16	19°51	1°52	26°11	2°25	1°17	24°50	3°36	5°40	28°35	0°16	4°22	2°44	S 13
M14	11 24 56	22°59'20	14°12	21°46	3° 3	26°58	2°17	1°19	24°47	3°35	5°40	28°29	0°13	4°28	2°46	M14
T 15	11 28 52	23°59'15	26° 4	23°41	4°13	27°45	2°10	1°22	24°45	3°35	5°41	28°24	0°10	4°35	2°48	T 15
W16	11 32 49	24°59'08	7♈53	25°38	5°23	28°32	2° 2	1°25	24°42	3°35	5°41	28°20	0° 7	4°42	2°50	W16
T 17	11 36 46	25°58'59	19°40	27°35	6°33	29°18	1°54	1°27	24°39	3°34	5°42	28°18	0° 3	4°48	2°53	T 17
F 18	11 40 42	26°58'48	1♉28	29°34	7°43	0♓ 5	1°47	1°30	24°37	3°34	5°43	28°D17	0° 0	4°55	2°55	F 18
S 19	11 44 39	27°58'35	13°21	1♈32	8°53	0°52	1°39	1°32	24°34	3°34	5°43	28°18	29♈57	5° 2	2°58	S 19
S 20	11 48 35	28°58'20	25°21	3°32	10° 2	1°39	1°31	1°34	24°32	3°33	5°44	28°20	29°54	5° 8	3° 0	S 20
M21	11 52 32	29°58'03	7♊33	5°32	11°12	2°26	1°23	1°36	24°29	3°33	5°44	28°22	29°51	5°15	3° 3	M21
T 22	11 56 28	0♈57'43	20° 2	7°32	12°21	3°13	1°16	1°38	24°26	3°32	5°45	28°23	29°48	5°22	3° 5	T 22
W23	12 0 25	1°57'22	2♋50	9°32	13°30	4° 0	1° 8	1°40	24°24	3°32	5°46	28°R24	29°44	5°28	3° 8	W23
T 24	12 4 21	2°56'58	16° 3	11°31	14°39	4°47	1° 0	1°42	24°21	3°31	5°46	28°23	29°41	5°35	3°11	T 24
F 25	12 8 18	3°56'31	29°43	13°30	15°48	5°34	0°52	1°44	24°19	3°30	5°47	28°21	29°38	5°42	3°14	F 25
S 26	12 12 15	4°56'02	13♌52	15°28	16°57	6°21	0°44	1°45	24°16	3°30	5°48	28°18	29°35	5°48	3°17	S 26
S 27	12 16 11	5°55'31	28°26	17°25	18° 6	7° 7	0°37	1°47	24°13	3°29	5°49	28°15	29°32	5°55	3°19	S 27
M28	12 20 8	6°54'58	13♍22	19°20	19°14	7°54	0°29	1°48	24°11	3°28	5°49	28°12	29°28	6° 2	3°22	M28
T 29	12 24 4	7°54'23	28°33	21°14	20°22	8°41	0°21	1°50	24° 8	3°28	5°50	28°10	29°25	6° 8	3°25	T 29
W30	12 28 1	8°53'45	13♎48	23° 4	21°30	9°28	0°14	1°51	24° 6	3°27	5°51	28° 9	29°22	6°15	3°28	W30
T 31	12 31 57	9♈53'05	28♎58	24♈52	22♉38	10♓15	0♎ 6	1♑52	24♍ 3	3♐26	5♊52	28°D 8	29♈19	6♈22	3♊32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s50	6n42	3n12	14s 4	2s 8	6n49	0s 7	16s49	1s 5	0s 7	1n31	22s14	1n11	2n35	0n48	19s13	1n40	9n 3	12s21	11n10	11n47	1s 1	16n41	4s 1
W 2	7 27	0s22	2 3	13 29	2 9	7 20	0 3	16 35	1 5	0 5	1 32	22 14	1 11	2 36	0 48	19 13	1 40	9 3	12 21	11 8	11 46	0 57	16 41	4 1
T 3	7 4	7 21	0 45	12 52	2 9	7 50	0n 0	16 21	1 5	0 2	1 32	22 14	1 11	2 37	0 48	19 13	1 41	9 4	12 21	11 7	11 45	0 54	16 42	4 1
F 4	6 41	13 49	0s34	12 15	2 9	8 20	0 4	16 7	1 6	0n 1	1 32	22 14	1 11	2 38	0 48	19 13	1 41	9 4	12 20	11 7	11 44	0 50	16 42	4 1
S 5	6 18	19 22	1 49	11 35	2 8	8 50	0 7	15 52	1 6	0 4	1 32	22 14	1 11	2 39	0 48	19 13	1 41	9 4	12 20	11 8	11 42	0 47	16 43	4 1
S 6	5 55	23 43	2 56	10 55	2 7	9 20	0 11	15 38	1 6	0 7	1 32	22 14	1 11	2 40	0 48	19 13	1 41	9 5	12 20	11 8	11 41	0 44	16 43	4 0
M 7	5 31	26 37	3 51	10 14	2 6	9 50	0 15	15 23	1 7	0 10	1 32	22 14	1 11	2 41	0 48	19 13	1 41	9 5	12 20	11 8	11 40	0 40	16 44	4 0
T 8	5 8	27 57	4 32	9 31	2 4	10 19	0 18	15 8	1 7	0 13	1 32	22 14	1 11	2 42	0 48	19 13	1 41	9 5	12 19	11 8	11 39	0 37	16 44	4 0
W 9	4 45	27 44	4 58	8 47	2 1	10 48	0 22	14 53	1 7	0 16	1 33	22 14	1 11	2 43	0 48	19 13	1 41	9 6	12 19	11 7	11 38	0 34	16 45	4 0
T 10	4 21	26 4	5 9	8 1	1 58	11 17	0 26	14 38	1 7	0 19	1 33	22 14	1 12	2 44	0 48	19 12	1 41	9 6	12 19	11 5	11 37	0 30	16 45	4 0
F 11	3 58	23 11	5 6	7 15	1 55	11 46	0 30	14 22	1 8	0 22	1 33	22 14	1 12	2 45	0 48	19 12	1 41	9 6	12 18	11 3	11 36	0 27	16 46	3 59
S 12	3 34	19 18	4 49	6 27	1 51	12 14	0 34	14 7	1 8	0 25	1 33	22 13	1 12	2 47	0 48	19 12	1 41	9 7	12 18	11 1	11 35	0 24	16 46	3 59
S 13	3 11	14 41	4 19	5 39	1 46	12 42	0 37	13 51	1 8	0 28	1 33	22 13	1 12	2 48	0 48	19 12	1 41	9 7	12 18	10 58	11 34	0 20	16 47	3 59
M14	2 47	9 33	3 37	4 49	1 41	13 10	0 41	13 35	1 8	0 31	1 33	22 13	1 12	2 49	0 48	19 12	1 41	9 7	12 18	10 56	11 32	0 17	16 47	3 59
T 15	2 23	4 7	2 47	3 58	1 35	13 38	0 45	13 19	1 9	0 34	1 33	22 13	1 12	2 50	0 48	19 12	1 41	9 8	12 17	10 54	11 31	0 13	16 48	3 59
W16	1 59	1n27	1 49	3 6	1 29	14 5	0 49	13 3	1 9	0 37	1 33	22 13	1 12	2 51	0 48	19 12	1 41	9 8	12 17	10 52	11 30	0 10	16 49	3 59
T 17	1 36	6 58	0 47	2 13	1 22	14 32	0 53	12 47	1 9	0 40	1 33	22 13	1 12	2 52	0 48	19 12	1 41	9 9	12 17	10 52	11 29	0 7	16 49	3 58
F 18	1 12	12 15	0n17	1 19	1 15	14 58	0 57	12 31	1 9	0 43	1 33	22 13	1 12	2 53	0 48	19 12	1 41	9 9	12 16	10 52	11 28	0 3	16 50	3 58
S 19	0 48	17 8	1 22	0 25	1 7	15 25	1 1	12 14	1 9	0 46	1 33	22 13	1 12	2 54	0 48	19 12	1 41	9 9	12 16	10 52	11 27	0n 0	16 50	3 58
S 20	0 25	21 24	2 23	0n30	0 59	15 50	1 5	11 58	1 10	0 50	1 33	22 13	1 12	2 55	0 48	19 11	1 41	9 10	12 16	10 53	11 26	0 3	16 51	3 58
M21	0 1	24 50	3 19	1 26	0 50	16 16	1 9	11 41	1 10	0 53	1 33	22 13	1 12	2 56	0 48	19 11	1 41	9 10	12 16	10 53	11 25	0 7	16 52	3 58
T 22	0n23	27 9	4 7	2 22	0 40	16 41	1 13	11 24	1 10	0 56	1 33	22 13	1 12	2 57	0 48	19 11	1 42	9 10	12 15	10 54	11 23	0 10	16 52	3 58
W23	0 47	28 8	4 44	3 18	0 30	17 6	1 16	11 7	1 10	0 59	1 34	22 13	1 12	2 58	0 48	19 11	1 42	9 11	12 15	10 54	11 22	0 14	16 53	3 58
T 24	1 10	27 33	5 8	4 15	0 20	17 30	1 20	10 50	1 10	1 2	1 34	22 13	1 12	2 59	0 48	19 11	1 42	9 11	12 15	10 54	11 21	0 17	16 54	3 57
F 25	1 34	25 19	5 15	5 11	0 9	17 54	1 24	10 33	1 10	1 5	1 34	22 12	1 12	3 0	0 48	19 11	1 42	9 11	12 15	10 53	11 20	0 20	16 54	3 57
S 26	1 58	21 30	5 3	6 7	0n 2	18 18	1 28	10 16	1 11	1 8	1 34	22 12	1 12	3 1	0 48	19 11	1 42	9 12	12 14	10 52	11 19	0 24	16 55	3 57
S 27	2 21	16 16	4 32	7 3	0 13	18 41	1 32	9 59	1 11	1 11	1 34	22 12	1 12	3 2	0 48	19 10	1 42	9 12	12 14	10 51	11 18	0 27	16 56	3 57
M28	2 45	9 57	3 43	7 57	0 25	19 4	1 36	9 42	1 11	1 14	1 34	22 12	1 12	3 3	0 48	19 10	1 42	9 13	12 14	10 50	11 17	0 30	16 56	3 57
T 29	3 8	2 58	2 36	8 51	0 37	19 26	1 40	9 24	1 11	1 17	1 34	22 12	1 13	3 4	0 48	19 10	1 42	9 13	12 14	10 49	11 16	0 34	16 57	3 57
W30	3 31	4s14	1 18	9 43	0 49	19 48	1 44	9 7	1 11	1 20	1 34	22 12	1 13	3 5	0 48	19 10	1 42	9 13	12 13	10 48	11 15	0 37	16 58	3 57
T 31	3n55	11s10	0s 5	10n34	1n 1	20n 9	1n47	8s49	1s11	1n23	1n34	22s12	1n13	3n 6	0n48	19s10	1n42	9n14	12s13	10n48	11n13	0n41	16n58	3s56

Julian Day Number = 2500911.5, Delta T = 112.05 sec
Ecliptic obliquity = 23°25'27, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°37'44, Lahiri = 25°44'44

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ASTRODIENST EPHEMERIS for the year 2135
geocentric

APRIL 2135 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 35 54	10♈52'24	13♏53	26♈37	23♉46	11♓ 2	29°R59	1♑53	24°R 1	3°R25	5♊53	28♈ 9	29♈16	6♈28	3♊35	F 1
S 2	12 39 50	11°51'41	28°27	28°18	24°53	11°49	29♍51	1°54	23♍58	3♐25	5°53	28°10	29°13	6°35	3°38	S 2
S 3	12 43 47	12°50'56	12♐35	29°54	26° 0	12°36	29°44	1°55	23°56	3°24	5°54	28°11	29° 9	6°42	3°41	S 3
M 4	12 47 44	13°50'09	26°17	1♉27	27° 8	13°22	29°36	1°56	23°54	3°23	5°55	28°12	29° 6	6°48	3°45	M 4
T 5	12 51 40	14°49'21	9♑33	2°54	28°14	14° 9	29°29	1°56	23°51	3°22	5°56	28°R13	29° 3	6°55	3°48	T 5
W 6	12 55 37	15°48'30	22°26	4°17	29°21	14°56	29°22	1°57	23°49	3°21	5°57	28°12	29° 0	7° 1	3°51	W 6
T 7	12 59 33	16°47'38	4♒59	5°34	0♊28	15°43	29°15	1°57	23°46	3°20	5°58	28°12	28°57	7° 8	3°55	T 7
F 8	13 3 30	17°46'44	17°15	6°45	1°34	16°30	29° 7	1°58	23°44	3°19	5°59	28°11	28°53	7°15	3°58	F 8
S 9	13 7 26	18°45'49	29°20	7°51	2°40	17°17	29° 0	1°58	23°42	3°18	6° 0	28°10	28°50	7°21	4° 2	S 9
S 10	13 11 23	19°44'51	11♓15	8°50	3°46	18° 4	28°54	1°58	23°40	3°17	6° 1	28° 8	28°47	7°28	4° 5	S 10
M11	13 15 19	20°43'52	23° 6	9°43	4°52	18°50	28°47	1°R58	23°37	3°16	6° 2	28° 7	28°44	7°35	4° 9	M11
T 12	13 19 16	21°42'50	4♈53	10°30	5°57	19°37	28°40	1°58	23°35	3°15	6° 3	28° 6	28°41	7°41	4°13	T 12
W13	13 23 12	22°41'47	16°41	11°11	7° 2	20°24	28°33	1°58	23°33	3°14	6° 4	28° 6	28°38	7°48	4°16	W13
T 14	13 27 9	23°40'42	28°31	11°45	8° 7	21°11	28°27	1°58	23°31	3°13	6° 5	28°D 6	28°34	7°55	4°20	T 14
F 15	13 31 6	24°39'35	10♉25	12°12	9°12	21°57	28°21	1°57	23°29	3°11	6° 6	28° 6	28°31	8° 1	4°24	F 15
S 16	13 35 2	25°38'25	22°26	12°33	10°16	22°44	28°14	1°57	23°27	3°10	6° 7	28° 6	28°28	8° 8	4°28	S 16
S 17	13 38 59	26°37'14	4♊35	12°47	11°20	23°31	28° 8	1°56	23°24	3° 9	6° 8	28° 6	28°25	8°15	4°31	S 17
M18	13 42 55	27°36'01	16°56	12°56	12°24	24°17	28° 2	1°56	23°22	3° 8	6° 9	28° 6	28°22	8°21	4°35	M18
T 19	13 46 52	28°34'45	29°31	12°R57	13°28	25° 4	27°56	1°55	23°20	3° 7	6°10	28°R 6	28°19	8°28	4°39	T 19
W20	13 50 48	29°33'27	12♋23	12°53	14°31	25°51	27°51	1°54	23°18	3° 5	6°11	28° 6	28°15	8°35	4°43	W20
T 21	13 54 45	0♉32'07	25°34	12°43	15°34	26°37	27°45	1°53	23°17	3° 4	6°12	28°D 6	28°12	8°41	4°47	T 21
F 22	13 58 42	1°30'45	9♌ 7	12°27	16°37	27°24	27°39	1°52	23°15	3° 3	6°14	28° 6	28° 9	8°48	4°51	F 22
S 23	14 2 38	2°29'20	23° 3	12° 6	17°39	28°11	27°34	1°51	23°13	3° 1	6°15	28° 6	28° 6	8°55	4°55	S 23
S 24	14 6 35	3°27'54	7♍22	11°41	18°42	28°57	27°29	1°50	23°11	3° 0	6°16	28° 7	28° 3	9° 1	4°59	S 24
M25	14 10 31	4°26'25	22° 1	11°12	19°43	29°44	27°24	1°49	23° 9	2°59	6°17	28° 7	27°59	9° 8	5° 3	M25
T 26	14 14 28	5°24'53	6♎55	10°39	20°45	0♈30	27°19	1°47	23° 8	2°57	6°18	28° 8	27°56	9°15	5° 8	T 26
W27	14 18 24	6°23'20	21°59	10° 3	21°46	1°17	27°14	1°46	23° 6	2°56	6°19	28°R 8	27°53	9°21	5°12	W27
T 28	14 22 21	7°21'45	7♏ 2	9°25	22°46	2° 3	27°10	1°44	23° 4	2°54	6°21	28° 8	27°50	9°28	5°16	T 28
F 29	14 26 17	8°20'08	21°58	8°45	23°47	2°49	27° 5	1°42	23° 3	2°53	6°22	28° 8	27°47	9°35	5°20	F 29
S 30	14 30 14	9♉18'30	6♐37	8♉ 5	24♊46	3♈36	27♍ 1	1♑41	23♍ 1	2♐52	6♊23	28♈ 7	27♈44	9♈41	5♊24	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n18	17s22	1s26	11n24	1n13	20n30	1n51	8s31	1s11	1n26	1n33	22s12	1n13	3n 7	0n48	19s 9	1n42	9n14	12s13	10n48	11n12	0n44	16n59	3s56
S 2	4 41	22 24	2 40	12 11	1 25	20 50	1 55	8 14	1 11	1 29	1 33	22 12	1 13	3 8	0 48	19 9	1 42	9 14	12 13	10 49	11 11	0 47	17 0	3 56
S 3	5 4	25 58	3 42	12 56	1 36	21 10	1 59	7 56	1 11	1 32	1 33	22 12	1 13	3 9	0 48	19 9	1 42	9 15	12 12	10 49	11 10	0 51	17 1	3 56
M 4	5 27	27 51	4 29	13 39	1 48	21 29	2 2	7 38	1 11	1 35	1 33	22 12	1 13	3 10	0 48	19 9	1 42	9 15	12 12	10 50	11 9	0 54	17 1	3 56
T 5	5 50	28 4	5 0	14 19	1 58	21 48	2 6	7 20	1 12	1 38	1 33	22 12	1 13	3 11	0 48	19 9	1 42	9 16	12 12	10 50	11 8	0 57	17 2	3 56
W 6	6 13	26 44	5 15	14 57	2 9	22 7	2 10	7 2	1 12	1 41	1 33	22 12	1 13	3 12	0 48	19 8	1 42	9 16	12 12	10 50	11 7	1 1	17 3	3 56
T 7	6 36	24 6	5 15	15 32	2 18	22 24	2 13	6 44	1 12	1 44	1 33	22 12	1 13	3 12	0 48	19 8	1 42	9 16	12 11	10 50	11 6	1 4	17 4	3 56
F 8	6 58	20 24	5 0	16 4	2 27	22 42	2 17	6 26	1 12	1 46	1 33	22 12	1 13	3 13	0 48	19 8	1 42	9 17	12 11	10 49	11 4	1 8	17 4	3 55
S 9	7 21	15 56	4 31	16 34	2 35	22 58	2 20	6 7	1 12	1 49	1 33	22 12	1 13	3 14	0 48	19 8	1 42	9 17	12 11	10 49	11 3	1 11	17 5	3 55
S 10	7 43	10 55	3 52	17 0	2 42	23 15	2 24	5 49	1 12	1 52	1 33	22 11	1 13	3 15	0 48	19 7	1 42	9 17	12 11	10 48	11 2	1 14	17 6	3 55
M11	8 5	5 32	3 2	17 23	2 49	23 30	2 27	5 31	1 12	1 54	1 33	22 11	1 13	3 16	0 48	19 7	1 42	9 18	12 10	10 48	11 1	1 18	17 7	3 55
T 12	8 27	0n 1	2 5	17 43	2 54	23 45	2 30	5 12	1 12	1 57	1 33	22 11	1 13	3 17	0 48	19 7	1 42	9 18	12 10	10 48	11 0	1 21	17 7	3 55
W13	8 49	5 35	1 3	18 0	2 58	24 0	2 34	4 54	1 12	1 59	1 33	22 11	1 13	3 18	0 48	19 7	1 42	9 19	12 10	10 47	10 59	1 24	17 8	3 55
T 14	9 11	10 58	0n 2	18 13	3 1	24 14	2 37	4 36	1 12	2 2	1 32	22 11	1 13	3 19	0 48	19 6	1 42	9 19	12 10	10 47	10 58	1 28	17 9	3 55
F 15	9 33	16 1	1 8	18 23	3 3	24 27	2 40	4 17	1 12	2 4	1 32	22 11	1 13	3 19	0 48	19 6	1 43	9 19	12 10	10 47	10 57	1 31	17 10	3 55
S 16	9 54	20 29	2 11	18 30	3 4	24 40	2 43	3 59	1 12	2 7	1 32	22 11	1 13	3 20	0 48	19 6	1 43	9 20	12 9	10 48	10 55	1 35	17 10	3 55
S 17	10 16	24 9	3 9	18 34	3 3	24 52	2 46	3 40	1 12	2 9	1 32	22 11	1 13	3 21	0 48	19 6	1 43	9 20	12 9	10 48	10 54	1 38	17 11	3 55
M18	10 37	26 45	3 59	18 35	3 1	25 4	2 49	3 22	1 12	2 11	1 32	22 11	1 13	3 22	0 48	19 5	1 43	9 20	12 9	10 48	10 53	1 41	17 12	3 55
T 19	10 58	28 5	4 39	18 32	2 57	25 15	2 52	3 3	1 12	2 13	1 32	22 11	1 14	3 22	0 48	19 5	1 43	9 21	12 9	10 48	10 52	1 45	17 13	3 55
W20	11 19	27 55	5 6	18 26	2 52	25 25	2 55	2 45	1 12	2 16	1 32	22 11	1 14	3 23	0 48	19 5	1 43	9 21	12 9	10 48	10 51	1 48	17 13	3 54
T 21	11 39	26 13	5 17	18 16	2 46	25 35	2 57	2 26	1 11	2 18	1 32	22 11	1 14	3 24	0 48	19 5	1 43	9 22	12 8	10 48	10 50	1 52	17 14	3 54
F 22	12 0	22 58	5 12	18 4	2 38	25 44	3 0	2 8	1 11	2 20	1 31	22 11	1 14	3 25	0 48	19 4	1 43	9 22	12 8	10 48	10 49	1 55	17 15	3 54
S 23	12 20	18 21	4 48	17 49	2 29	25 53	3 2	1 49	1 11	2 22	1 31	22 11	1 14	3 25	0 48	19 4	1 43	9 22	12 8	10 48	10 47	1 58	17 16	3 54
S 24	12 40	12 37	4 6	17 31	2 18	26 1	3 5	1 30	1 11	2 24	1 31	22 11	1 14	3 26	0 48	19 4	1 43	9 23	12 8	10 48	10 46	2 2	17 16	3 54
M25	13 0	6 2	3 8	17 11	2 6	26 8	3 7	1 12	1 11	2 25	1 31	22 11	1 14	3 27	0 48	19 3	1 43	9 23	12 8	10 48	10 45	2 5	17 17	3 54
T 26	13 19	0s59	1 55	16 48	1 53	26 15	3 9	0 53	1 11	2 27	1 31	22 11	1 14	3 27	0 48	19 3	1 43	9 23	12 8	10 48	10 44	2 8	17 18	3 54
W27	13 38	8 2	0 34	16 23	1 39	26 21	3 12	0 35	1 11	2 29	1 31	22 11	1 14	3 28	0 48	19 3	1 43	9 24	12 7	10 48	10 43	2 12	17 19	3 54
T 28	13 58	14 38	0s49	15 57	1 24	26 27	3 14	0 16	1 11	2 31	1 30	22 11	1 14	3 29	0 48	19 3	1 43	9 24	12 7	10 48	10 42	2 15	17 20	3 54
F 29	14 16	20 19	2 8	15 29	1 8	26 32	3 15	0n 2	1 11	2 32	1 30	22 11	1 14	3 29	0 48	19 2	1 43	9 24	12 7	10 48	10 41	2 19	17 20	3 54
S 30	14n35	24s39	3s18	15n 1	0n52	26n36	3n17	0n21	1s11	2n34	1n30	22s11	1n14	3n30	0n48	19s 2	1n43	9n25	12s 7	10n48	10n39	2n22	17n21	3s54

Julian Day Number = 2500942.5, Delta T = 112.10 sec
Ecliptic obliquity = 23°25'27, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°37'48, Lahiri = 25°44'49

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ASTRODIENST EPHEMERIS for the year 2135
geocentric

MAY 2135 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 10	10♉16'50	20♐54	7°R25	25♊46	4♈22	26°R57	1°R39	22°R59	2°R50	6♊24	28°R 5	27♈40	9♈48	5♊29	S 1
M 2	14 38 7	11°15'08	4♑45	6♉46	26°45	5° 8	26♍53	1♑37	22♍58	2♐49	6°26	28♈ 4	27°37	9°54	5°33	M 2
T 3	14 42 4	12°13'24	18° 9	6° 8	27°44	5°55	26°49	1°35	22°57	2°47	6°27	28° 2	27°34	10° 1	5°37	T 3
W 4	14 46 0	13°11'39	1♒ 8	5°32	28°42	6°41	26°46	1°33	22°55	2°46	6°28	28° 1	27°31	10° 8	5°42	W 4
T 5	14 49 57	14° 9'53	13°44	4°59	29°40	7°27	26°42	1°31	22°54	2°44	6°29	28°D 1	27°28	10°14	5°46	T 5
F 6	14 53 53	15° 8'05	26° 1	4°29	0♋37	8°14	26°39	1°28	22°53	2°43	6°31	28° 1	27°25	10°21	5°50	F 6
S 7	14 57 50	16° 6'16	8♓ 3	4° 2	1°34	9° 0	26°36	1°26	22°51	2°41	6°32	28° 2	27°21	10°28	5°55	S 7
S 8	15 1 46	17° 4'25	19°56	3°40	2°30	9°46	26°33	1°23	22°50	2°40	6°33	28° 4	27°18	10°34	5°59	S 8
M 9	15 5 43	18° 2'32	1♈44	3°21	3°26	10°32	26°30	1°21	22°49	2°38	6°35	28° 5	27°15	10°41	6° 4	M 9
T 10	15 9 39	19° 0'38	13°31	3° 7	4°21	11°18	26°28	1°18	22°48	2°36	6°36	28° 6	27°12	10°48	6° 8	T 10
W11	15 13 36	19°58'43	25°21	2°58	5°16	12° 4	26°25	1°16	22°47	2°35	6°37	28°R 7	27° 9	10°54	6°13	W11
T 12	15 17 33	20°56'46	7♉16	2°53	6°10	12°50	26°23	1°13	22°46	2°33	6°38	28° 7	27° 5	11° 1	6°17	T 12
F 13	15 21 29	21°54'48	19°19	2°D53	7° 4	13°36	26°21	1°10	22°45	2°32	6°40	28° 5	27° 2	11° 8	6°22	F 13
S 14	15 25 26	22°52'48	1♊33	2°57	7°57	14°22	26°19	1° 7	22°44	2°30	6°41	28° 3	26°59	11°14	6°26	S 14
S 15	15 29 22	23°50'46	13°57	3° 6	8°49	15° 8	26°17	1° 4	22°43	2°28	6°42	27°59	26°56	11°21	6°31	S 15
M16	15 33 19	24°48'43	26°34	3°20	9°41	15°54	26°16	1° 1	22°42	2°27	6°44	27°55	26°53	11°28	6°35	M16
T 17	15 37 15	25°46'39	9♋25	3°38	10°32	16°40	26°15	0°58	22°41	2°25	6°45	27°51	26°50	11°34	6°40	T 17
W18	15 41 12	26°44'32	22°29	4° 1	11°22	17°26	26°14	0°55	22°41	2°24	6°46	27°47	26°46	11°41	6°45	W18
T 19	15 45 9	27°42'24	5♌48	4°28	12°12	18°11	26°13	0°51	22°40	2°22	6°48	27°44	26°43	11°48	6°49	T 19
F 20	15 49 5	28°40'14	19°23	4°59	13° 0	18°57	26°12	0°48	22°40	2°20	6°49	27°42	26°40	11°54	6°54	F 20
S 21	15 53 2	29°38'02	3♍13	5°34	13°48	19°43	26°11	0°45	22°39	2°19	6°50	27°D42	26°37	12° 1	6°58	S 21
S 22	15 56 58	0♊35'49	17°19	6°13	14°36	20°28	26°11	0°41	22°38	2°17	6°52	27°43	26°34	12° 8	7° 3	S 22
M23	16 0 55	1°33'34	1♎39	6°55	15°22	21°14	26°11	0°38	22°38	2°16	6°53	27°44	26°31	12°14	7° 8	M23
T 24	16 4 51	2°31'17	16°12	7°42	16° 7	21°59	26°D11	0°34	22°38	2°14	6°55	27°45	26°27	12°21	7°12	T 24
W25	16 8 48	3°28'58	0♏53	8°32	16°52	22°45	26°11	0°30	22°37	2°12	6°56	27°R46	26°24	12°27	7°17	W25
T 26	16 12 44	4°26'39	15°37	9°25	17°36	23°30	26°11	0°27	22°37	2°11	6°57	27°44	26°21	12°34	7°21	T 26
F 27	16 16 41	5°24'17	0♐17	10°22	18°18	24°16	26°12	0°23	22°37	2° 9	6°59	27°42	26°18	12°41	7°26	F 27
S 28	16 20 38	6°21'55	14°46	11°22	19° 0	25° 1	26°12	0°19	22°37	2° 7	7° 0	27°37	26°15	12°47	7°31	S 28
S 29	16 24 34	7°19'32	28°59	12°25	19°40	25°46	26°13	0°15	22°36	2° 6	7° 1	27°31	26°11	12°54	7°35	S 29
M30	16 28 31	8°17'07	12♑50	13°31	20°20	26°31	26°14	0°11	22°36	2° 4	7° 3	27°25	26° 8	13° 1	7°40	M30
T 31	16 32 27	9♊14'41	26♑16	14♉40	20♋58	27♈17	26♍16	0♑ 8	22°D36	2♐ 3	7♊ 4	27♈19	26♈ 5	13♈ 7	7♊45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n54	27s19	4s13	14n32	0n35	26n40	3n19	0n39	1s10	2n35	1n30	22s11	1n14	3n30	0n47	19s 2	1n43	9n25	12s 7	10n47	10n38	2n25	17n22	3s54
M 2	15 12	28 11	4 51	14 3	0 18	26 43	3 20	0 58	1 10	2 37	1 30	22 11	1 14	3 31	0 47	19 1	1 43	9 25	12 7	10 47	10 37	2 29	17 23	3 54
T 3	15 30	27 21	5 12	13 34	0 1	26 46	3 22	1 16	1 10	2 38	1 29	22 11	1 14	3 32	0 47	19 1	1 43	9 26	12 7	10 46	10 36	2 32	17 23	3 54
W 4	15 47	25 2	5 16	13 6	0s17	26 48	3 23	1 35	1 10	2 39	1 29	22 11	1 14	3 32	0 47	19 1	1 43	9 26	12 6	10 46	10 35	2 35	17 24	3 54
T 5	16 5	21 33	5 5	12 39	0 34	26 50	3 24	1 53	1 10	2 40	1 29	22 11	1 14	3 33	0 47	19 1	1 43	9 26	12 6	10 46	10 34	2 39	17 25	3 54
F 6	16 22	17 13	4 40	12 13	0 50	26 51	3 25	2 12	1 10	2 41	1 29	22 11	1 14	3 33	0 47	19 0	1 43	9 27	12 6	10 46	10 33	2 42	17 26	3 54
S 7	16 39	12 18	4 3	11 49	1 6	26 51	3 26	2 30	1 9	2 43	1 29	22 11	1 14	3 33	0 47	19 0	1 43	9 27	12 6	10 46	10 32	2 46	17 26	3 54
S 8	16 55	6 59	3 16	11 27	1 22	26 51	3 27	2 48	1 9	2 43	1 28	22 11	1 14	3 34	0 47	19 0	1 43	9 27	12 6	10 47	10 30	2 49	17 27	3 54
M 9	17 12	1 28	2 21	11 6	1 37	26 50	3 28	3 7	1 9	2 44	1 28	22 11	1 14	3 34	0 47	18 59	1 43	9 28	12 6	10 47	10 29	2 52	17 28	3 54
T 10	17 28	4n 7	1 20	10 49	1 51	26 49	3 28	3 25	1 9	2 45	1 28	22 11	1 14	3 35	0 47	18 59	1 43	9 28	12 6	10 48	10 28	2 56	17 29	3 54
W11	17 43	9 34	0 15	10 33	2 4	26 47	3 28	3 43	1 9	2 46	1 28	22 11	1 14	3 35	0 47	18 59	1 43	9 28	12 6	10 48	10 27	2 59	17 29	3 54
T 12	17 59	14 43	0n50	10 20	2 16	26 45	3 29	4 1	1 8	2 47	1 28	22 11	1 14	3 35	0 47	18 58	1 43	9 29	12 5	10 48	10 26	3 3	17 30	3 54
F 13	18 14	19 23	1 54	10 9	2 27	26 42	3 28	4 19	1 8	2 47	1 27	22 11	1 14	3 36	0 47	18 58	1 43	9 29	12 5	10 47	10 25	3 6	17 31	3 54
S 14	18 29	23 17	2 54	10 1	2 38	26 39	3 28	4 37	1 8	2 48	1 27	22 11	1 14	3 36	0 47	18 58	1 43	9 29	12 5	10 46	10 24	3 9	17 32	3 54
S 15	18 43	26 12	3 46	9 55	2 47	26 35	3 28	4 55	1 8	2 48	1 27	22 11	1 14	3 36	0 47	18 57	1 43	9 29	12 5	10 45	10 22	3 13	17 32	3 54
M16	18 58	27 50	4 28	9 52	2 56	26 31	3 27	5 13	1 7	2 49	1 27	22 11	1 14	3 37	0 47	18 57	1 43	9 30	12 5	10 44	10 21	3 16	17 33	3 54
T 17	19 11	28 2	4 57	9 51	3 3	26 26	3 27	5 31	1 7	2 49	1 27	22 11	1 14	3 37	0 47	18 57	1 43	9 30	12 5	10 42	10 20	3 19	17 34	3 54
W18	19 25	26 40	5 12	9 52	3 10	26 21	3 26	5 49	1 7	2 49	1 26	22 11	1 14	3 37	0 47	18 56	1 43	9 30	12 5	10 41	10 19	3 23	17 35	3 54
T 19	19 38	23 49	5 10	9 56	3 15	26 16	3 25	6 6	1 6	2 49	1 26	22 11	1 14	3 37	0 47	18 56	1 43	9 31	12 5	10 40	10 18	3 26	17 35	3 54
F 20	19 51	19 36	4 51	10 2	3 20	26 10	3 23	6 24	1 6	2 49	1 26	22 11	1 14	3 38	0 47	18 56	1 43	9 31	12 5	10 39	10 17	3 30	17 36	3 54
S 21	20 4	14 17	4 15	10 10	3 24	26 3	3 22	6 41	1 6	2 49	1 26	22 11	1 14	3 38	0 47	18 55	1 43	9 31	12 5	10 39	10 16	3 33	17 37	3 54
S 22	20 16	8 8	3 23	10 20	3 27	25 56	3 20	6 59	1 5	2 49	1 25	22 11	1 14	3 38	0 47	18 55	1 43	9 31	12 5	10 39	10 14	3 36	17 37	3 54
M23	20 28	1 27	2 18	10 32	3 29	25 49	3 18	7 16	1 5	2 49	1 25	22 11	1 14	3 38	0 47	18 55	1 43	9 32	12 5	10 40	10 13	3 40	17 38	3 54
T 24	20 39	5s24	1 3	10 45	3 30	25 41	3 16	7 33	1 5	2 49	1 25	22 11	1 14	3 38	0 47	18 55	1 43	9 32	12 5	10 40	10 12	3 43	17 39	3 54
W25	20 50	12 2	0s17	11 1	3 30	25 33	3 13	7 51	1 4	2 49	1 25	22 11	1 14	3 38	0 47	18 54	1 43	9 32	12 4	10 40	10 11	3 46	17 39	3 54
T 26	21 1	18 2	1 36	11 18	3 30	25 25	3 11	8 8	1 4	2 48	1 24	22 11	1 14	3 38	0 46	18 54	1 43	9 33	12 4	10 40	10 10	3 50	17 40	3 54
F 27	21 11	22 56	2 48	11 37	3 29	25 17	3 8	8 25	1 4	2 48	1 24	22 11	1 14	3 38	0 46	18 54	1 43	9 33	12 4	10 39	10 9	3 53	17 41	3 55
S 28	21 21	26 20	3 48	11 57	3 27	25 8	3 5	8 42	1 3	2 47	1 24	22 11	1 14	3 38	0 46	18 53	1 43	9 33	12 4	10 37	10 7	3 57	17 41	3 55
S 29	21 31	27 58	4 33	12 18	3 24	24 58	3 1	8 58	1 3	2 47	1 24	22 11	1 14	3 38	0 46	18 53	1 43	9 33	12 4	10 35	10 6	4 0	17 42	3 55
M30	21 40	27 47	5 0	12 41	3 21	24 49	2 58	9 15	1 3	2 46	1 24	22 11	1 14	3 38	0 46	18 53	1 43	9 34	12 4	10 33	10 5	4 3	17 43	3 55
T 31	21n49	25s57	5s10	13n 5	3s17	24n39	2n54	9n32	1s 2	2n46	1n23	22s11	1n14	3n38	0n46	18s52	1n43	9n34	12s 4	10n31	10n 4	4n 7	17n43	3s55

Julian Day Number = 2500972.5, Delta T = 112.15 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°37'52, Lahiri = 25°44'53

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

JUNE 2135 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 36 24	10♊12'15	9♒18	15♉52	21♋35	28♈ 2	26♍17	0°R 4	22♍36	2°R 1	7♊ 5	27°R13	26♈ 2	13♈14	7♊49	W 1
T 2	16 40 20	11° 9'47	21°56	17° 7	22°11	28°47	26°19	29♐59	22°37	1♐59	7° 7	27♈10	25°59	13°21	7°54	T 2
F 3	16 44 17	12° 7'19	4♓15	18°25	22°45	29°32	26°20	29°55	22°37	1°58	7° 8	27° 8	25°56	13°27	7°59	F 3
S 4	16 48 13	13° 4'49	16°19	19°46	23°19	0♉17	26°22	29°51	22°37	1°56	7°10	27°D 8	25°52	13°34	8° 3	S 4
S 5	16 52 10	14° 2'19	28°13	21° 9	23°50	1° 2	26°24	29°47	22°37	1°55	7°11	27° 8	25°49	13°41	8° 8	S 5
M 6	16 56 7	14°59'49	10♈ 1	22°35	24°21	1°47	26°27	29°43	22°37	1°53	7°12	27°10	25°46	13°47	8°13	M 6
T 7	17 0 3	15°57'17	21°49	24° 4	24°50	2°32	26°29	29°39	22°38	1°51	7°14	27°R11	25°43	13°54	8°17	T 7
W 8	17 4 0	16°54'45	3♉42	25°35	25°17	3°16	26°32	29°35	22°38	1°50	7°15	27°11	25°40	14° 1	8°22	W 8
T 9	17 7 56	17°52'12	15°43	27° 9	25°43	4° 1	26°35	29°30	22°39	1°48	7°16	27° 9	25°37	14° 7	8°26	T 9
F 10	17 11 53	18°49'38	27°57	28°46	26° 7	4°46	26°38	29°26	22°39	1°47	7°18	27° 5	25°33	14°14	8°31	F 10
S 11	17 15 49	19°47'04	10♊24	0♊25	26°30	5°30	26°41	29°22	22°40	1°45	7°19	26°59	25°30	14°20	8°36	S 11
S 12	17 19 46	20°44'28	23° 6	2° 7	26°51	6°15	26°44	29°17	22°40	1°44	7°20	26°51	25°27	14°27	8°40	S 12
M13	17 23 42	21°41'52	6♋ 4	3°52	27° 9	6°59	26°48	29°13	22°41	1°42	7°22	26°41	25°24	14°34	8°45	M13
T 14	17 27 39	22°39'16	19°16	5°39	27°26	7°44	26°51	29° 9	22°42	1°41	7°23	26°32	25°21	14°40	8°49	T 14
W15	17 31 36	23°36'38	2♌41	7°29	27°41	8°28	26°55	29° 4	22°42	1°39	7°24	26°23	25°17	14°47	8°54	W15
T 16	17 35 32	24°33'59	16°18	9°21	27°55	9°13	26°59	29° 0	22°43	1°38	7°26	26°16	25°14	14°54	8°58	T 16
F 17	17 39 29	25°31'20	0♍ 4	11°15	28° 6	9°57	27° 3	28°55	22°44	1°36	7°27	26°11	25°11	15° 0	9° 3	F 17
S 18	17 43 25	26°28'39	13°59	13°12	28°14	10°41	27° 7	28°51	22°45	1°35	7°28	26° 9	25° 8	15° 7	9° 8	S 18
S 19	17 47 22	27°25'57	28° 2	15°11	28°21	11°25	27°12	28°47	22°46	1°33	7°29	26°D 8	25° 5	15°14	9°12	S 19
M20	17 51 18	28°23'15	12♎11	17°13	28°25	12° 9	27°16	28°42	22°47	1°32	7°31	26° 8	25° 2	15°20	9°17	M20
T 21	17 55 15	29°20'31	26°26	19°16	28°R28	12°53	27°21	28°38	22°48	1°31	7°32	26°R 9	24°58	15°27	9°21	T 21
W22	17 59 11	0♋17'47	10♏44	21°21	28°27	13°37	27°26	28°33	22°49	1°29	7°33	26° 8	24°55	15°34	9°25	W22
T 23	18 3 8	1°15'02	25° 3	23°28	28°25	14°21	27°31	28°29	22°51	1°28	7°35	26° 5	24°52	15°40	9°30	T 23
F 24	18 7 5	2°12'17	9♐19	25°36	28°20	15° 5	27°36	28°24	22°52	1°27	7°36	26° 0	24°49	15°47	9°34	F 24
S 25	18 11 1	3° 9'31	23°27	27°46	28°12	15°49	27°42	28°20	22°53	1°25	7°37	25°52	24°46	15°54	9°39	S 25
S 26	18 14 58	4° 6'45	7♑22	29°56	28° 3	16°32	27°47	28°16	22°54	1°24	7°38	25°42	24°43	16° 0	9°43	S 26
M27	18 18 54	5° 3'58	21° 1	2♋ 7	27°50	17°16	27°53	28°11	22°56	1°23	7°40	25°31	24°39	16° 7	9°47	M27
T 28	18 22 51	6° 1'11	4♒20	4°18	27°36	18° 0	27°59	28° 7	22°57	1°21	7°41	25°20	24°36	16°13	9°52	T 28
W29	18 26 47	6°58'24	17°17	6°30	27°19	18°43	28° 5	28° 3	22°59	1°20	7°42	25°10	24°33	16°20	9°56	W29
T 30	18 30 44	7♋55'36	29♒54	8♋41	26♋59	19♉27	28♍11	27♐58	23♍ 0	1♐19	7♊43	25♈ 3	24♈30	16♈27	10♊ 0	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n58	22s47	5s 3	13n30	3s13	24n29	2n50	9n48	1s 2	2n45	1n23	22s11	1n14	3n38	0n46	18s52	1n43	9n34	12s 4	10n29	10n 3	4n10	17n44	3s55
T 2	22 6	18 37	4 42	13 56	3 8	24 19	2 45	10 5	1 1	2 44	1 23	22 11	1 14	3 38	0 46	18 52	1 43	9 34	12 4	10 27	10 2	4 13	17 45	3 55
F 3	22 14	13 47	4 7	14 23	3 2	24 8	2 40	10 21	1 1	2 43	1 23	22 11	1 14	3 38	0 46	18 51	1 43	9 34	12 4	10 27	10 1	4 17	17 45	3 55
S 4	22 21	8 31	3 23	14 51	2 56	23 58	2 35	10 37	1 1	2 42	1 22	22 12	1 14	3 38	0 46	18 51	1 43	9 35	12 4	10 27	9 59	4 20	17 46	3 55
S 5	22 28	3 1	2 30	15 19	2 49	23 47	2 30	10 53	1 0	2 41	1 22	22 12	1 14	3 38	0 46	18 51	1 43	9 35	12 4	10 27	9 58	4 24	17 47	3 55
M 6	22 35	2n34	1 32	15 48	2 41	23 36	2 24	11 9	1 0	2 40	1 22	22 12	1 14	3 38	0 46	18 51	1 43	9 35	12 4	10 27	9 57	4 27	17 47	3 55
T 7	22 41	8 3	0 29	16 18	2 33	23 25	2 18	11 25	0 59	2 39	1 22	22 12	1 14	3 38	0 46	18 50	1 43	9 35	12 4	10 28	9 56	4 30	17 48	3 56
W 8	22 47	13 18	0n35	16 48	2 25	23 14	2 12	11 41	0 59	2 37	1 21	22 12	1 14	3 37	0 46	18 50	1 43	9 36	12 4	10 28	9 55	4 34	17 48	3 56
T 9	22 52	18 6	1 38	17 18	2 16	23 2	2 5	11 56	0 58	2 36	1 21	22 12	1 14	3 37	0 46	18 50	1 43	9 36	12 4	10 27	9 54	4 37	17 49	3 56
F 10	22 57	22 15	2 38	17 48	2 7	22 51	1 58	12 12	0 58	2 35	1 21	22 12	1 14	3 37	0 46	18 49	1 43	9 36	12 4	10 26	9 52	4 40	17 50	3 56
S 11	23 2	25 28	3 31	18 19	1 58	22 39	1 51	12 27	0 57	2 33	1 21	22 12	1 14	3 37	0 46	18 49	1 43	9 36	12 4	10 23	9 51	4 44	17 50	3 56
S 12	23 6	27 29	4 14	18 49	1 48	22 28	1 43	12 42	0 57	2 32	1 20	22 12	1 14	3 36	0 46	18 49	1 43	9 36	12 4	10 20	9 50	4 47	17 51	3 56
M13	23 10	28 3	4 46	19 19	1 37	22 16	1 35	12 57	0 56	2 30	1 20	22 12	1 13	3 36	0 46	18 49	1 43	9 36	12 4	10 17	9 49	4 51	17 51	3 56
T 14	23 13	27 2	5 3	19 49	1 27	22 5	1 27	13 12	0 56	2 28	1 20	22 12	1 13	3 36	0 46	18 48	1 43	9 37	12 4	10 14	9 48	4 54	17 52	3 56
W15	23 16	24 28	5 3	20 18	1 16	21 53	1 18	13 27	0 55	2 27	1 20	22 12	1 13	3 35	0 46	18 48	1 43	9 37	12 4	10 11	9 47	4 57	17 52	3 57
T 16	23 19	20 30	4 47	20 46	1 5	21 41	1 9	13 41	0 55	2 25	1 20	22 12	1 13	3 35	0 46	18 48	1 43	9 37	12 4	10 8	9 46	5 1	17 53	3 57
F 17	23 21	15 24	4 14	21 14	0 54	21 30	0 59	13 56	0 54	2 23	1 19	22 12	1 13	3 35	0 46	18 47	1 43	9 37	12 4	10 6	9 44	5 4	17 53	3 57
S 18	23 23	9 27	3 25	21 40	0 43	21 18	0 49	14 10	0 54	2 21	1 19	22 12	1 13	3 34	0 45	18 47	1 43	9 37	12 4	10 5	9 43	5 7	17 54	3 57
S 19	23 24	2 59	2 24	22 5	0 31	21 7	0 39	14 24	0 53	2 19	1 19	22 12	1 13	3 34	0 45	18 47	1 43	9 37	12 4	10 5	9 42	5 11	17 54	3 57
M20	23 25	3s41	1 14	22 29	0 20	20 55	0 28	14 38	0 53	2 17	1 19	22 12	1 13	3 33	0 45	18 47	1 43	9 38	12 5	10 5	9 41	5 14	17 55	3 57
T 21	23 25	10 13	0s 2	22 51	0 9	20 44	0 17	14 52	0 52	2 15	1 18	22 12	1 13	3 33	0 45	18 46	1 43	9 38	12 5	10 5	9 40	5 17	17 55	3 58
W22	23 25	16 15	1 17	23 11	0n 2	20 33	0 6	15 6	0 52	2 13	1 18	22 12	1 13	3 32	0 45	18 46	1 43	9 38	12 5	10 5	9 39	5 21	17 56	3 58
T 23	23 25	21 24	2 28	23 29	0 13	20 22	0s 6	15 19	0 51	2 11	1 18	22 12	1 13	3 32	0 45	18 46	1 43	9 38	12 5	10 4	9 37	5 24	17 56	3 58
F 24	23 24	25 16	3 29	23 45	0 24	20 11	0 18	15 33	0 51	2 8	1 18	22 12	1 13	3 31	0 45	18 46	1 43	9 38	12 5	10 2	9 36	5 28	17 57	3 58
S 25	23 23	27 31	4 16	23 58	0 34	20 0	0 31	15 46	0 50	2 6	1 18	22 12	1 13	3 31	0 45	18 45	1 43	9 38	12 5	9 59	9 35	5 31	17 57	3 58
S 26	23 22	28 0	4 47	24 9	0 43	19 50	0 44	15 59	0 49	2 4	1 17	22 12	1 12	3 30	0 45	18 45	1 43	9 38	12 5	9 56	9 34	5 34	17 58	3 58
M27	23 20	26 45	5 1	24 17	0 53	19 39	0 57	16 12	0 49	2 1	1 17	22 12	1 12	3 30	0 45	18 45	1 42	9 38	12 5	9 52	9 33	5 38	17 58	3 59
T 28	23 17	24 0	4 59	24 23	1 1	19 29	1 10	16 25	0 48	1 59	1 17	22 12	1 12	3 29	0 45	18 45	1 42	9 39	12 5	9 48	9 32	5 41	17 59	3 59
W29	23 14	20 5	4 40	24 25	1 9	19 19	1 24	16 37	0 48	1 56	1 17	22 12	1 12	3 28	0 45	18 45	1 42	9 39	12 5	9 44	9 30	5 44	17 59	3 59
T 30	23n11	15s23	4s 9	24n25	1n17	19n 9	1s37	16n50	0s47	1n54	1n17	22s12	1n12	3n28	0n45	18s44	1n42	9n39	12s 5	9n41	9n29	5n48	17n59	3s59

Julian Day Number = 2501003.5, Delta T = 112.20 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°37'57, Lahiri = 25°44'57

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ASTRODIENST EPHEMERIS for the year 2135
geocentric

JULY 2135 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 34 41	8♋52'49	12♓13	10♋51	26°R38	20♉10	28♍17	27°R54	23♍ 2	1°R18	7♊44	24°R58	24♈27	16♈33	10♊ 5	F 1
S 2	18 38 37	9°50'01	24°17	13° 1	26♋14	20°53	28°23	27♐50	23° 4	1♐17	7°46	24♈55	24°23	16°40	10° 9	S 2
S 3	18 42 34	10°47'14	6♈10	15°10	25°49	21°36	28°30	27°45	23° 5	1°15	7°47	24°54	24°20	16°47	10°13	S 3
M 4	18 46 30	11°44'26	17°59	17°18	25°21	22°20	28°36	27°41	23° 7	1°14	7°48	24°D54	24°17	16°53	10°17	M 4
T 5	18 50 27	12°41'39	29°49	19°25	24°51	23° 3	28°43	27°37	23° 9	1°13	7°49	24°R54	24°14	17° 0	10°21	T 5
W 6	18 54 23	13°38'52	11♉44	21°30	24°20	23°46	28°50	27°33	23°11	1°12	7°50	24°53	24°11	17° 7	10°25	W 6
T 7	18 58 20	14°36'05	23°50	23°34	23°47	24°29	28°57	27°29	23°12	1°11	7°51	24°50	24° 8	17°13	10°30	T 7
F 8	19 2 16	15°33'19	6♊11	25°36	23°13	25°12	29° 4	27°24	23°14	1°10	7°53	24°44	24° 4	17°20	10°34	F 8
S 9	19 6 13	16°30'33	18°50	27°36	22°38	25°54	29°12	27°20	23°16	1° 9	7°54	24°36	24° 1	17°27	10°38	S 9
S 10	19 10 10	17°27'47	1♋49	29°34	22° 2	26°37	29°19	27°16	23°18	1° 8	7°55	24°26	23°58	17°33	10°42	S 10
M11	19 14 6	18°25'01	15° 7	1♌31	21°26	27°20	29°27	27°12	23°20	1° 7	7°56	24°14	23°55	17°40	10°46	M11
T 12	19 18 3	19°22'15	28°42	3°25	20°48	28° 2	29°34	27° 8	23°22	1° 6	7°57	24° 2	23°52	17°47	10°50	T 12
W13	19 21 59	20°19'29	12♌33	5°18	20°11	28°45	29°42	27° 5	23°25	1° 5	7°58	23°51	23°49	17°53	10°53	W13
T 14	19 25 56	21°16'43	26°33	7° 9	19°34	29°27	29°50	27° 1	23°27	1° 4	7°59	23°41	23°45	18° 0	10°57	T 14
F 15	19 29 52	22°13'58	10♍41	8°58	18°56	0♊10	29°58	26°57	23°29	1° 3	8° 0	23°35	23°42	18° 6	11° 1	F 15
S 16	19 33 49	23°11'12	24°51	10°45	18°20	0°52	0♎ 6	26°53	23°31	1° 2	8° 1	23°31	23°39	18°13	11° 5	S 16
S 17	19 37 45	24° 8'26	9♎ 1	12°29	17°44	1°34	0°14	26°50	23°34	1° 1	8° 2	23°29	23°36	18°20	11° 9	S 17
M18	19 41 42	25° 5'40	23°10	14°13	17° 9	2°16	0°23	26°46	23°36	1° 1	8° 3	23°29	23°33	18°26	11°12	M18
T 19	19 45 39	26° 2'54	7♏16	15°54	16°35	2°58	0°31	26°42	23°38	1° 0	8° 4	23°29	23°29	18°33	11°16	T 19
W20	19 49 35	27° 0'09	21°18	17°33	16° 2	3°40	0°40	26°39	23°41	0°59	8° 5	23°27	23°26	18°40	11°20	W20
T 21	19 53 32	27°57'23	5♐16	19°10	15°31	4°22	0°48	26°35	23°43	0°58	8° 6	23°24	23°23	18°46	11°23	T 21
F 22	19 57 28	28°54'38	19° 7	20°45	15° 1	5° 4	0°57	26°32	23°46	0°58	8° 7	23°17	23°20	18°53	11°27	F 22
S 23	20 1 25	29°51'53	2♑50	22°19	14°34	5°46	1° 6	26°29	23°48	0°57	8° 8	23° 9	23°17	19° 0	11°30	S 23
S 24	20 5 21	0♒49'08	16°22	23°50	14° 8	6°27	1°15	26°25	23°51	0°56	8° 9	22°58	23°14	19° 6	11°34	S 24
M25	20 9 18	1°46'24	29°41	25°20	13°45	7° 9	1°24	26°22	23°54	0°56	8°10	22°45	23°10	19°13	11°37	M25
T 26	20 13 14	2°43'40	12♓43	26°47	13°23	7°50	1°33	26°19	23°56	0°55	8°10	22°33	23° 7	19°20	11°41	T 26
W27	20 17 11	3°40'57	25°29	28°13	13° 4	8°31	1°43	26°16	23°59	0°55	8°11	22°22	23° 4	19°26	11°44	W27
T 28	20 21 8	4°38'15	7♈58	29°36	12°47	9°13	1°52	26°13	24° 2	0°54	8°12	22°13	23° 1	19°33	11°47	T 28
F 29	20 25 4	5°35'33	20°12	0♍58	12°33	9°54	2° 2	26°10	24° 4	0°54	8°13	22° 7	22°58	19°40	11°51	F 29
S 30	20 29 1	6°32'52	2♈13	2°17	12°21	10°35	2°11	26° 7	24° 7	0°53	8°14	22° 3	22°55	19°46	11°54	S 30
S 31	20 32 57	7♒30'12	14♈ 5	3♍34	12♋11	11♊16	2♎21	26♐ 4	24♍10	0♐53	8♊15	22♈ 2	22♈51	19♈53	11♊57	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n 8	10s 9	3s26	24n22	1n24	19n 0	1s51	17n 2	0s46	1n51	1n16	22s12	1n12	3n27	0n45	18s44	1n42	9n39	12s 5	9n39	9n28	5n51	18n 0	3s59	F 1
S 2	23 4	4 39	2 35	24 17	1 30	18 50	2 5	17 14	0 46	1 48	1 16	22 12	1 12	3 26	0 45	18 44	1 42	9 39	12 5	9 38	9 27	5 54	18 0	4 0	S 2
S 3	22 59	0n57	1 38	24 8	1 35	18 41	2 20	17 26	0 45	1 46	1 16	22 12	1 12	3 26	0 45	18 44	1 42	9 39	12 6	9 38	9 26	5 58	18 1	4 0	S 3
M 4	22 54	6 29	0 37	23 57	1 40	18 32	2 34	17 37	0 44	1 43	1 16	22 13	1 12	3 25	0 45	18 44	1 42	9 39	12 6	9 38	9 25	6 1	18 1	4 0	M 4
T 5	22 49	11 48	0n26	23 44	1 44	18 23	2 48	17 49	0 44	1 40	1 16	22 13	1 12	3 24	0 45	18 43	1 42	9 39	12 6	9 38	9 23	6 4	18 1	4 0	T 5
W 6	22 43	16 45	1 28	23 28	1 47	18 15	3 2	18 0	0 43	1 37	1 15	22 13	1 11	3 24	0 45	18 43	1 42	9 39	12 6	9 38	9 22	6 8	18 2	4 1	W 6
T 7	22 37	21 6	2 27	23 10	1 49	18 6	3 16	18 12	0 42	1 34	1 15	22 13	1 11	3 23	0 45	18 43	1 42	9 39	12 6	9 37	9 21	6 11	18 2	4 1	T 7
F 8	22 31	24 37	3 20	22 49	1 51	17 58	3 30	18 23	0 42	1 31	1 15	22 13	1 11	3 22	0 45	18 43	1 42	9 39	12 6	9 35	9 20	6 15	18 2	4 1	F 8
S 9	22 24	27 1	4 5	22 27	1 52	17 51	3 44	18 33	0 41	1 28	1 15	22 13	1 11	3 21	0 45	18 43	1 42	9 39	12 6	9 32	9 19	6 18	18 3	4 1	S 9
S 10	22 17	28 2	4 38	22 3	1 52	17 43	3 57	18 44	0 40	1 25	1 15	22 13	1 11	3 20	0 45	18 43	1 42	9 39	12 6	9 28	9 18	6 21	18 3	4 2	S 10
M11	22 10	27 29	4 57	21 37	1 51	17 36	4 10	18 54	0 40	1 22	1 14	22 13	1 11	3 19	0 45	18 42	1 42	9 39	12 6	9 24	9 16	6 25	18 3	4 2	M11
T 12	22 2	25 17	4 59	21 10	1 50	17 29	4 23	19 5	0 39	1 18	1 14	22 13	1 11	3 19	0 44	18 42	1 42	9 39	12 7	9 19	9 15	6 28	18 4	4 2	T 12
W13	21 53	21 35	4 45	20 41	1 48	17 22	4 35	19 15	0 38	1 15	1 14	22 13	1 11	3 18	0 44	18 42	1 42	9 39	12 7	9 15	9 14	6 31	18 4	4 2	W13
T 14	21 45	16 37	4 13	20 11	1 46	17 16	4 47	19 25	0 38	1 12	1 14	22 13	1 10	3 17	0 44	18 42	1 42	9 39	12 7	9 11	9 13	6 35	18 4	4 3	T 14
F 15	21 35	10 44	3 26	19 39	1 43	17 10	4 58	19 34	0 37	1 8	1 14	22 13	1 10	3 16	0 44	18 42	1 42	9 39	12 7	9 9	9 12	6 38	18 4	4 3	F 15
S 16	21 26	4 16	2 25	19 7	1 39	17 5	5 8	19 44	0 36	1 5	1 13	22 13	1 10	3 15	0 44	18 42	1 42	9 39	12 7	9 7	9 11	6 41	18 5	4 3	S 16
S 17	21 16	2s25	1 16	18 34	1 35	17 0	5 18	19 53	0 35	1 2	1 13	22 13	1 10	3 14	0 44	18 42	1 42	9 39	12 7	9 7	9 9	6 45	18 5	4 3	S 17
M18	21 6	8 58	0 2	18 0	1 30	16 55	5 27	20 2	0 35	0 58	1 13	22 13	1 10	3 13	0 44	18 41	1 42	9 39	12 7	9 7	9 8	6 48	18 5	4 4	M18
T 19	20 56	15 4	1s12	17 25	1 25	16 50	5 36	20 11	0 34	0 55	1 13	22 13	1 10	3 12	0 44	18 41	1 42	9 39	12 8	9 7	9 7	6 51	18 5	4 4	T 19
W20	20 45	20 21	2 21	16 49	1 19	16 46	5 44	20 20	0 33	0 51	1 13	22 13	1 10	3 11	0 44	18 41	1 41	9 39	12 8	9 6	9 6	6 55	18 6	4 4	W20
T 21	20 33	24 28	3 22	16 13	1 13	16 43	5 51	20 28	0 32	0 47	1 13	22 13	1 10	3 10	0 44	18 41	1 41	9 39	12 8	9 5	9 5	6 58	18 6	4 4	T 21
F 22	20 22	27 7	4 9	15 37	1 7	16 39	5 57	20 37	0 32	0 44	1 12	22 13	1 9	3 9	0 44	18 41	1 41	9 39	12 8	9 3	9 4	7 1	18 6	4 5	F 22
S 23	20 10	28 6	4 42	15 0	1 0	16 36	6 3	20 45	0 31	0 40	1 12	22 13	1 9	3 8	0 44	18 41	1 41	9 39	12 8	8 59	9 2	7 5	18 6	4 5	S 23
S 24	19 58	27 22	4 59	14 23	0 52	16 34	6 8	20 53	0 30	0 36	1 12	22 13	1 9	3 7	0 44	18 41	1 41	9 39	12 8	8 55	9 1	7 8	18 6	4 5	S 24
M25	19 45	25 4	4 58	13 46	0 44	16 32	6 13	21 0	0 29	0 32	1 12	22 14	1 9	3 6	0 44	18 41	1 41	9 39	12 9	8 51	9 0	7 11	18 6	4 6	M25
T 26	19 32	21 30	4 43	13 9	0 36	16 30	6 17	21 8	0 28	0 29	1 12	22 14	1 9	3 5	0 44	18 41	1 41	9 39	12 9	8 46	8 59	7 15	18 7	4 6	T 26
W27	19 19	16 59	4 13	12 31	0 28	16 29	6 20	21 15	0 28	0 25	1 12	22 14	1 9	3 4	0 44	18 41	1 41	9 39	12 9	8 42	8 58	7 18	18 7	4 6	W27
T 28	19 5	11 50	3 31	11 54	0 19	16 28	6 22	21 23	0 27	0 21	1 11	22 14	1 9	3 3	0 44	18 41	1 41	9 39	12 9	8 39	8 56	7 21	18 7	4 6	T 28
F 29	18 52	6 20	2 40	11 16	0 10	16 28	6 24	21 29	0 26	0 17	1 11	22 14	1 8	3 1	0 44	18 41	1 41	9 39	12 9	8 36	8 55	7 25	18 7	4 7	F 29
S 30	18 37	0 42	1 43	10 39	0 0	16 27	6 25	21 36	0 25	0 13	1 11	22 14	1 8	3 0	0 44	18 41	1 41	9 39	12 9	8 35	8 54	7 28	18 7	4 7	S 30
S 31	18n23	4n54	0s42	10n 2	0s10	16n27	6s26	21n43	0s24	0n 9	1n11	22s14	1n 8	2n59	0n44	18s41	1n41	9n39	12s10	8n34	8n53	7n31	18n 7	4s 7	S 31

Julian Day Number = 2501033.5, Delta T = 112.25 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°38'01, Lahiri = 25°45'01

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ASTRODIENST EPHEMERIS for the year 2135
geocentric

AUGUST 2135 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 36 54	8♌27'33	25♈54	4♍49	12°R 4	11♊57	2♎31	26°R 2	24♍13	0°R52	8♊15	22°D 1	22♈48	19♈59	12♊ 0	M 1
T 2	20 40 50	9°24'55	7♉43	6° 2	11♋59	12°38	2°41	25♐59	24°16	0♐52	8°16	22°R 2	22°45	20° 6	12° 3	T 2
W 3	20 44 47	10°22'19	19°39	7°13	11°57	13°19	2°51	25°57	24°19	0°52	8°17	22♈ 1	22°42	20°13	12° 6	W 3
T 4	20 48 43	11°19'43	1♊47	8°21	11°D57	13°59	3° 1	25°54	24°22	0°52	8°17	22° 0	22°39	20°19	12° 9	T 4
F 5	20 52 40	12°17'09	14°11	9°26	11°59	14°40	3°11	25°52	24°25	0°51	8°18	21°55	22°35	20°26	12°12	F 5
S 6	20 56 37	13°14'35	26°56	10°29	12° 4	15°20	3°21	25°50	24°28	0°51	8°19	21°49	22°32	20°33	12°15	S 6
S 7	21 0 33	14°12'03	10♋ 4	11°30	12°10	16° 1	3°31	25°47	24°31	0°51	8°20	21°41	22°29	20°39	12°18	S 7
M 8	21 4 30	15° 9'32	23°36	12°27	12°19	16°41	3°42	25°45	24°34	0°51	8°20	21°30	22°26	20°46	12°20	M 8
T 9	21 8 26	16° 7'02	7♌31	13°22	12°30	17°21	3°52	25°43	24°37	0°50	8°21	21°20	22°23	20°53	12°23	T 9
W10	21 12 23	17° 4'33	21°43	14°14	12°43	18° 1	4° 3	25°41	24°40	0°50	8°21	21°10	22°20	20°59	12°26	W10
T 11	21 16 19	18° 2'05	6♍ 9	15° 2	12°58	18°42	4°14	25°39	24°44	0°50	8°22	21° 2	22°16	21° 6	12°28	T 11
F 12	21 20 16	18°59'38	20°41	15°47	13°15	19°21	4°24	25°38	24°47	0°50	8°23	20°57	22°13	21°13	12°31	F 12
S 13	21 24 12	19°57'11	5♎14	16°29	13°34	20° 1	4°35	25°36	24°50	0°D50	8°23	20°53	22°10	21°19	12°33	S 13
S 14	21 28 9	20°54'46	19°42	17° 6	13°55	20°41	4°46	25°34	24°53	0°50	8°24	20°D52	22° 7	21°26	12°36	S 14
M15	21 32 6	21°52'22	4♏ 1	17°40	14°17	21°21	4°57	25°33	24°57	0°50	8°24	20°53	22° 4	21°32	12°38	M15
T 16	21 36 2	22°49'58	18°10	18°10	14°41	22° 0	5° 8	25°31	25° 0	0°50	8°25	20°R53	22° 1	21°39	12°41	T 16
W17	21 39 59	23°47'35	2♐ 7	18°35	15° 7	22°39	5°19	25°30	25° 3	0°51	8°25	20°53	21°57	21°46	12°43	W17
T 18	21 43 55	24°45'14	15°53	18°56	15°34	23°19	5°30	25°29	25° 7	0°51	8°26	20°51	21°54	21°52	12°45	T 18
F 19	21 47 52	25°42'53	29°26	19°12	16° 3	23°58	5°41	25°28	25°10	0°51	8°26	20°47	21°51	21°59	12°47	F 19
S 20	21 51 48	26°40'34	12♑47	19°23	16°33	24°37	5°53	25°27	25°14	0°51	8°26	20°41	21°48	22° 6	12°49	S 20
S 21	21 55 45	27°38'15	25°56	19°29	17° 5	25°16	6° 4	25°26	25°17	0°51	8°27	20°33	21°45	22°12	12°51	S 21
M22	21 59 41	28°35'58	8♒52	19°R29	17°38	25°55	6°15	25°25	25°20	0°52	8°27	20°24	21°41	22°19	12°53	M22
T 23	22 3 38	29°33'41	21°35	19°23	18°12	26°34	6°27	25°24	25°24	0°52	8°27	20°15	21°38	22°26	12°55	T 23
W24	22 7 35	0♍31'26	4♓ 4	19°12	18°48	27°12	6°38	25°23	25°27	0°52	8°28	20° 6	21°35	22°32	12°57	W24
T 25	22 11 31	1°29'13	16°21	18°55	19°25	27°51	6°50	25°23	25°31	0°53	8°28	20° 0	21°32	22°39	12°59	T 25
F 26	22 15 28	2°27'01	28°27	18°33	20° 3	28°29	7° 2	25°22	25°35	0°53	8°28	19°56	21°29	22°46	13° 0	F 26
S 27	22 19 24	3°24'50	10♈23	18° 4	20°42	29° 8	7°13	25°22	25°38	0°54	8°29	19°53	21°26	22°52	13° 2	S 27
S 28	22 23 21	4°22'41	22°13	17°30	21°23	29°46	7°25	25°22	25°42	0°54	8°29	19°D53	21°22	22°59	13° 4	S 28
M29	22 27 17	5°20'34	4♉ 0	16°51	22° 4	0♋24	7°37	25°22	25°45	0°54	8°29	19°53	21°19	23° 5	13° 5	M29
T 30	22 31 14	6°18'29	15°49	16° 7	22°47	1° 2	7°49	25°D21	25°49	0°55	8°29	19°55	21°16	23°12	13° 7	T 30
W31	22 35 10	7♍16'25	27♉44	15♍19	23♋30	1♋40	8♎ 1	25♐21	25♍52	0♐56	8♊29	19♈56	21♈13	23♈19	13♊ 8	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n 8	10n19	0n21	9n26	0s20	16n28	6s26	21n49	0s24	0n 5	1n11	22s14	1n 8	2n58	0n44	18s41	1n41	9n39	12s10	8n34	8n52	7n35	18n 7	4s 8
T 2	17 53	15 23	1 23	8 50	0 30	16 29	6 26	21 55	0 23	0 1	1 11	22 14	1 8	2 57	0 44	18 41	1 41	9 39	12 10	8 35	8 51	7 38	18 7	4 8
W 3	17 38	19 54	2 21	8 14	0 40	16 29	6 25	22 1	0 22	0s 3	1 11	22 14	1 8	2 56	0 44	18 41	1 41	9 39	12 10	8 34	8 49	7 41	18 7	4 8
T 4	17 22	23 41	3 15	7 39	0 51	16 31	6 24	22 7	0 21	0 7	1 10	22 14	1 7	2 54	0 44	18 41	1 41	9 39	12 10	8 34	8 48	7 45	18 7	4 9
F 5	17 6	26 28	4 0	7 4	1 2	16 32	6 22	22 13	0 20	0 11	1 10	22 14	1 7	2 53	0 44	18 41	1 41	9 39	12 11	8 32	8 47	7 48	18 8	4 9
S 6	16 50	27 59	4 35	6 30	1 13	16 34	6 20	22 18	0 19	0 16	1 10	22 14	1 7	2 52	0 44	18 41	1 41	9 39	12 11	8 30	8 46	7 51	18 8	4 9
S 7	16 34	27 59	4 57	5 57	1 24	16 35	6 18	22 23	0 18	0 20	1 10	22 15	1 7	2 51	0 44	18 41	1 40	9 38	12 11	8 27	8 45	7 55	18 8	4 10
M 8	16 17	26 20	5 3	5 25	1 36	16 37	6 15	22 28	0 18	0 24	1 10	22 15	1 7	2 49	0 44	18 41	1 40	9 38	12 11	8 23	8 44	7 58	18 8	4 10
T 9	16 0	23 4	4 51	4 53	1 47	16 39	6 12	22 33	0 17	0 28	1 10	22 15	1 7	2 48	0 44	18 41	1 40	9 38	12 11	8 19	8 42	8 1	18 8	4 10
W10	15 42	18 23	4 22	4 23	1 58	16 42	6 9	22 37	0 16	0 33	1 10	22 15	1 6	2 47	0 44	18 41	1 40	9 38	12 12	8 15	8 41	8 4	18 8	4 11
T 11	15 25	12 35	3 35	3 54	2 10	16 44	6 5	22 42	0 15	0 37	1 9	22 15	1 6	2 46	0 44	18 41	1 40	9 38	12 12	8 12	8 40	8 8	18 8	4 11
F 12	15 7	6 3	2 34	3 26	2 21	16 46	6 2	22 46	0 14	0 41	1 9	22 15	1 6	2 44	0 44	18 41	1 40	9 38	12 12	8 10	8 39	8 11	18 8	4 11
S 13	14 49	0s49	1 23	2 59	2 33	16 48	5 58	22 50	0 13	0 46	1 9	22 15	1 6	2 43	0 43	18 41	1 40	9 38	12 12	8 9	8 38	8 14	18 8	4 12
S 14	14 31	7 36	0 6	2 34	2 44	16 50	5 53	22 54	0 12	0 50	1 9	22 15	1 6	2 42	0 43	18 41	1 40	9 38	12 12	8 9	8 36	8 18	18 7	4 12
M15	14 12	13 57	1s10	2 10	2 55	16 53	5 49	22 57	0 11	0 55	1 9	22 15	1 6	2 40	0 43	18 41	1 40	9 37	12 13	8 9	8 35	8 21	18 7	4 12
T 16	13 54	19 29	2 21	1 49	3 7	16 55	5 44	23 1	0 10	0 59	1 9	22 16	1 5	2 39	0 43	18 41	1 40	9 37	12 13	8 9	8 34	8 24	18 7	4 13
W17	13 35	23 53	3 22	1 29	3 17	16 57	5 39	23 4	0 9	1 4	1 9	22 16	1 5	2 38	0 43	18 41	1 40	9 37	12 13	8 9	8 33	8 28	18 7	4 13
T 18	13 16	26 50	4 11	1 11	3 28	16 59	5 34	23 7	0 8	1 8	1 9	22 16	1 5	2 36	0 43	18 41	1 40	9 37	12 13	8 8	8 32	8 31	18 7	4 14
F 19	12 56	28 11	4 45	0 56	3 38	17 1	5 29	23 10	0 7	1 13	1 9	22 16	1 5	2 35	0 43	18 41	1 40	9 37	12 13	8 7	8 30	8 34	18 7	4 14
S 20	12 37	27 50	5 3	0 42	3 48	17 3	5 24	23 12	0 7	1 17	1 8	22 16	1 5	2 34	0 43	18 41	1 40	9 37	12 14	8 4	8 29	8 37	18 7	4 14
S 21	12 17	25 56	5 5	0 32	3 57	17 4	5 18	23 15	0 6	1 22	1 8	22 16	1 5	2 32	0 43	18 41	1 40	9 37	12 14	8 1	8 28	8 41	18 7	4 15
M22	11 57	22 42	4 51	0 24	4 5	17 6	5 13	23 17	0 5	1 26	1 8	22 16	1 4	2 31	0 43	18 42	1 40	9 36	12 14	7 58	8 27	8 44	18 7	4 15
T 23	11 37	18 26	4 22	0 19	4 13	17 7	5 7	23 19	0 4	1 31	1 8	22 17	1 4	2 29	0 43	18 42	1 40	9 36	12 14	7 54	8 26	8 47	18 7	4 15
W24	11 17	13 27	3 41	0 17	4 20	17 8	5 1	23 21	0 3	1 36	1 8	22 17	1 4	2 28	0 43	18 42	1 39	9 36	12 15	7 51	8 25	8 51	18 6	4 16
T 25	10 56	8 0	2 51	0 18	4 26	17 9	4 55	23 23	0 2	1 40	1 8	22 17	1 4	2 27	0 43	18 42	1 39	9 36	12 15	7 49	8 23	8 54	18 6	4 16
F 26	10 36	2 21	1 53	0 23	4 31	17 9	4 49	23 24	0 1	1 45	1 8	22 17	1 4	2 25	0 43	18 42	1 39	9 36	12 15	7 47	8 22	8 57	18 6	4 17
S 27	10 15	3n19	0 51	0 31	4 34	17 10	4 43	23 26	0n 0	1 50	1 8	22 17	1 3	2 24	0 43	18 42	1 39	9 36	12 15	7 46	8 21	9 1	18 6	4 17
S 28	9 54	8 50	0n13	0 42	4 36	17 10	4 37	23 27	0 1	1 54	1 8	22 17	1 3	2 22	0 43	18 42	1 39	9 35	12 15	7 46	8 20	9 4	18 6	4 17
M29	9 33	14 2	1 16	0 57	4 36	17 9	4 31	23 28	0 2	1 59	1 7	22 17	1 3	2 21	0 43	18 43	1 39	9 35	12 16	7 46	8 19	9 7	18 6	4 18
T 30	9 12	18 44	2 16	1 15	4 35	17 9	4 25	23 29	0 3	2 4	1 7	22 18	1 3	2 19	0 43	18 43	1 39	9 35	12 16	7 47	8 17	9 10	18 5	4 18
W31	8n50	22n44	3n11	1n37	4s32	17n 8	4s19	23n29	0n 4	2s 9	1n 7	22s18	1n 3	2n18	0n43	18s43	1n39	9n35	12s16	7n47	8n16	9n14	18n 5	4s18

Julian Day Number = 2501064.5, Delta T = 112.30 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°38'05, Lahiri = 25°45'05

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ASTRODIENST EPHEMERIS for the year 2135
geocentric

SEPTEMBER 2135 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 7	8♍14'24	9♊51	14°R27	24♋15	2♋18	8♎13	25♐22	25♍56	0♐56	8♊30	19°R57	21♈10	23♈25	13♊ 9	T 1
F 2	22 43 4	9°12'24	22°14	13♍32	25° 0	2°55	8°25	25°22	26° 0	0°57	8°30	19♈56	21° 6	23°32	13°11	F 2
S 3	22 47 0	10°10'26	4♋58	12°36	25°46	3°33	8°37	25°22	26° 3	0°57	8°30	19°53	21° 3	23°39	13°12	S 3
S 4	22 50 57	11° 8'30	18° 8	11°39	26°33	4°10	8°49	25°23	26° 7	0°58	8°30	19°49	21° 0	23°45	13°13	S 4
M 5	22 54 53	12° 6'36	1♌44	10°43	27°21	4°47	9° 1	25°23	26°11	0°59	8°30	19°44	20°57	23°52	13°14	M 5
T 6	22 58 50	13° 4'43	15°46	9°49	28°10	5°24	9°13	25°24	26°15	1° 0	8°30	19°38	20°54	23°59	13°15	T 6
W 7	23 2 46	14° 2'53	0♍11	8°58	28°59	6° 1	9°26	25°24	26°18	1° 0	8°30	19°33	20°51	24° 5	13°16	W 7
T 8	23 6 43	15° 1'04	14°54	8°11	29°50	6°38	9°38	25°25	26°22	1° 1	8°R30	19°28	20°47	24°12	13°17	T 8
F 9	23 10 39	15°59'17	29°48	7°29	0♌41	7°15	9°50	25°26	26°26	1° 2	8°30	19°25	20°44	24°19	13°18	F 9
S 10	23 14 36	16°57'31	14♎44	6°54	1°32	7°52	10° 3	25°27	26°29	1° 3	8°30	19°D24	20°41	24°25	13°18	S 10
S 11	23 18 33	17°55'47	29°34	6°27	2°24	8°28	10°15	25°28	26°33	1° 4	8°30	19°24	20°38	24°32	13°19	S 11
M12	23 22 29	18°54'05	14♏12	6° 7	3°17	9° 4	10°28	25°29	26°37	1° 5	8°30	19°25	20°35	24°39	13°19	M12
T 13	23 26 26	19°52'24	28°34	5°56	4°11	9°41	10°40	25°31	26°41	1° 6	8°30	19°27	20°32	24°45	13°20	T 13
W14	23 30 22	20°50'45	12♐37	5°D54	5° 5	10°17	10°53	25°32	26°45	1° 7	8°30	19°28	20°28	24°52	13°20	W14
T 15	23 34 19	21°49'08	26°21	6° 1	6° 0	10°53	11° 5	25°33	26°48	1° 8	8°30	19°R28	20°25	24°58	13°21	T 15
F 16	23 38 15	22°47'31	9♑46	6°17	6°55	11°28	11°18	25°35	26°52	1° 9	8°30	19°27	20°22	25° 5	13°21	F 16
S 17	23 42 12	23°45'57	22°53	6°42	7°50	12° 4	11°30	25°37	26°56	1°10	8°29	19°25	20°19	25°12	13°21	S 17
S 18	23 46 8	24°44'24	5♒45	7°16	8°47	12°39	11°43	25°38	27° 0	1°11	8°29	19°22	20°16	25°18	13°22	S 18
M19	23 50 5	25°42'53	18°22	7°59	9°44	13°15	11°56	25°40	27° 3	1°12	8°29	19°18	20°12	25°25	13°22	M19
T 20	23 54 2	26°41'23	0♓47	8°50	10°41	13°50	12° 8	25°42	27° 7	1°14	8°29	19°14	20° 9	25°32	13°R22	T 20
W21	23 57 58	27°39'55	13° 1	9°49	11°39	14°25	12°21	25°44	27°11	1°15	8°28	19°11	20° 6	25°38	13°22	W21
T 22	0 1 55	28°38'29	25° 5	10°55	12°37	15° 0	12°34	25°46	27°15	1°16	8°28	19° 8	20° 3	25°45	13°22	T 22
F 23	0 5 51	29°37'05	7♈ 2	12° 7	13°36	15°34	12°47	25°49	27°19	1°17	8°28	19° 7	20° 0	25°52	13°21	F 23
S 24	0 9 48	0♎35'42	18°53	13°26	14°35	16° 9	12°59	25°51	27°22	1°19	8°28	19°D 6	19°57	25°58	13°21	S 24
S 25	0 13 44	1°34'22	0♉41	14°50	15°34	16°43	13°12	25°53	27°26	1°20	8°27	19° 7	19°53	26° 5	13°21	S 25
M26	0 17 41	2°33'04	12°28	16°18	16°34	17°18	13°25	25°56	27°30	1°21	8°27	19° 8	19°50	26°12	13°20	M26
T 27	0 21 37	3°31'48	24°18	17°51	17°35	17°52	13°38	25°58	27°34	1°23	8°26	19° 9	19°47	26°18	13°20	T 27
W28	0 25 34	4°30'35	6♊14	19°27	18°35	18°26	13°51	26° 1	27°37	1°24	8°26	19°11	19°44	26°25	13°19	W28
T 29	0 29 31	5°29'23	18°20	21° 5	19°37	18°59	14° 4	26° 4	27°41	1°25	8°26	19°12	19°41	26°31	13°19	T 29
F 30	0 33 27	6♎28'14	0♋42	22♍47	20♌38	19♋33	14♎17	26♐ 7	27♍45	1♐27	8♊25	19♈12	19♈38	26♈38	13♊18	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n28	25n50	3n58	2n 1	4s27	17n 7	4s12	23n30	0n 5	2s14	1n 7	22s18	1n 3	2n16	0n43	18s43	1n39	9n35	12s16	7n48	8n15	9n17	18n 5	4s19
F 2	8 7	27 47	4 36	2 28	4 20	17 5	4 6	23 30	0 7	2 18	1 7	22 18	1 2	2 15	0 43	18 43	1 39	9 34	12 17	7 47	8 14	9 20	18 5	4 19
S 3	7 45	28 20	5 1	2 58	4 11	17 3	4 0	23 30	0 8	2 23	1 7	22 18	1 2	2 14	0 43	18 43	1 39	9 34	12 17	7 46	8 13	9 23	18 4	4 20
S 4	7 23	27 20	5 11	3 29	4 0	17 1	3 53	23 30	0 9	2 28	1 7	22 19	1 2	2 12	0 43	18 44	1 39	9 34	12 17	7 45	8 11	9 27	18 4	4 20
M 5	7 1	24 42	5 4	4 2	3 47	16 58	3 47	23 30	0 10	2 33	1 7	22 19	1 2	2 11	0 43	18 44	1 39	9 34	12 17	7 43	8 10	9 30	18 4	4 20
T 6	6 39	20 33	4 40	4 36	3 33	16 55	3 40	23 30	0 11	2 38	1 7	22 19	1 2	2 9	0 43	18 44	1 39	9 34	12 17	7 41	8 9	9 33	18 4	4 21
W 7	6 16	15 5	3 57	5 9	3 17	16 51	3 34	23 29	0 12	2 43	1 7	22 19	1 2	2 8	0 43	18 44	1 39	9 33	12 18	7 39	8 8	9 37	18 3	4 21
T 8	5 54	8 40	2 57	5 42	3 1	16 47	3 28	23 28	0 13	2 48	1 7	22 19	1 1	2 6	0 43	18 45	1 39	9 33	12 18	7 37	8 7	9 40	18 3	4 22
F 9	5 31	1 41	1 45	6 14	2 43	16 43	3 21	23 28	0 14	2 52	1 7	22 20	1 1	2 5	0 43	18 45	1 39	9 33	12 18	7 36	8 6	9 43	18 3	4 22
S 10	5 9	5s24	0 26	6 45	2 24	16 38	3 15	23 27	0 15	2 57	1 7	22 20	1 1	2 3	0 43	18 45	1 38	9 33	12 18	7 35	8 4	9 46	18 2	4 22
S 11	4 46	12 11	0s55	7 13	2 5	16 33	3 8	23 25	0 16	3 2	1 6	22 20	1 1	2 2	0 43	18 45	1 38	9 32	12 19	7 35	8 3	9 50	18 2	4 23
M12	4 23	18 11	2 12	7 38	1 45	16 27	3 2	23 24	0 17	3 7	1 6	22 20	1 1	2 0	0 43	18 45	1 38	9 32	12 19	7 36	8 2	9 53	18 2	4 23
T 13	4 0	23 3	3 18	8 0	1 26	16 21	2 56	23 23	0 18	3 12	1 6	22 20	1 1	1 59	0 43	18 46	1 38	9 32	12 19	7 36	8 1	9 56	18 1	4 24
W14	3 38	26 27	4 12	8 19	1 7	16 15	2 49	23 21	0 20	3 17	1 6	22 21	1 0	1 57	0 43	18 46	1 38	9 32	12 19	7 37	8 0	9 59	18 1	4 24
T 15	3 15	28 11	4 49	8 33	0 48	16 8	2 43	23 19	0 21	3 22	1 6	22 21	1 0	1 56	0 43	18 46	1 38	9 31	12 19	7 37	7 58	10 3	18 1	4 24
F 16	2 52	28 13	5 10	8 44	0 30	16 0	2 37	23 18	0 22	3 27	1 6	22 21	1 0	1 54	0 43	18 47	1 38	9 31	12 20	7 36	7 57	10 6	18 0	4 25
S 17	2 28	26 38	5 14	8 51	0 13	15 52	2 30	23 16	0 23	3 32	1 6	22 21	1 0	1 53	0 43	18 47	1 38	9 31	12 20	7 36	7 56	10 9	18 0	4 25
S 18	2 5	23 41	5 1	8 54	0n 4	15 44	2 24	23 13	0 24	3 37	1 6	22 22	1 0	1 51	0 43	18 47	1 38	9 31	12 20	7 34	7 55	10 12	18 0	4 26
M19	1 42	19 40	4 35	8 52	0 19	15 35	2 18	23 11	0 25	3 42	1 6	22 22	0 59	1 50	0 43	18 47	1 38	9 31	12 20	7 33	7 54	10 16	17 59	4 26
T 20	1 19	14 52	3 56	8 46	0 33	15 26	2 12	23 9	0 27	3 47	1 6	22 22	0 59	1 48	0 43	18 48	1 38	9 30	12 21	7 32	7 52	10 19	17 59	4 26
W21	0 56	9 32	3 6	8 36	0 46	15 16	2 5	23 6	0 28	3 52	1 6	22 22	0 59	1 47	0 43	18 48	1 38	9 30	12 21	7 30	7 51	10 22	17 58	4 27
T 22	0 32	3 55	2 9	8 22	0 58	15 6	1 59	23 4	0 29	3 57	1 6	22 22	0 59	1 45	0 43	18 48	1 38	9 30	12 21	7 29	7 50	10 25	17 58	4 27
F 23	0 9	1n47	1 6	8 4	1 9	14 56	1 53	23 1	0 30	4 2	1 6	22 23	0 59	1 44	0 43	18 49	1 38	9 30	12 21	7 29	7 49	10 29	17 58	4 28
S 24	0s14	7 23	0 1	7 43	1 18	14 44	1 47	22 58	0 31	4 7	1 6	22 23	0 59	1 42	0 43	18 49	1 38	9 29	12 21	7 29	7 48	10 32	17 57	4 28
S 25	0 38	12 42	1n 4	7 18	1 27	14 33	1 41	22 55	0 33	4 12	1 6	22 23	0 58	1 41	0 43	18 49	1 38	9 29	12 22	7 29	7 46	10 35	17 57	4 28
M26	1 1	17 34	2 6	6 50	1 34	14 21	1 35	22 52	0 34	4 17	1 6	22 23	0 58	1 39	0 43	18 49	1 38	9 29	12 22	7 29	7 45	10 38	17 56	4 29
T 27	1 24	21 47	3 3	6 20	1 39	14 8	1 29	22 49	0 35	4 22	1 6	22 24	0 58	1 38	0 43	18 50	1 38	9 28	12 22	7 30	7 44	10 42	17 56	4 29
W28	1 47	25 9	3 52	5 46	1 44	13 55	1 23	22 46	0 36	4 27	1 6	22 24	0 58	1 36	0 43	18 50	1 38	9 28	12 22	7 30	7 43	10 45	17 55	4 30
T 29	2 11	27 26	4 33	5 11	1 48	13 42	1 18	22 42	0 38	4 32	1 6	22 24	0 58	1 35	0 43	18 50	1 38	9 28	12 22	7 31	7 42	10 48	17 55	4 30
F 30	2s34	28n26	5n 1	4n33	1n50	13n28	1s12	22n39	0n39	4s37	1n 6	22s24	0n58	1n33	0n43	18s51	1n37	9n28	12s23	7n31	7n40	10n51	17n54	4s30

Julian Day Number = 2501095.5, Delta T = 112.35 sec
Ecliptic obliquity = 23°25'27, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°38'09, Lahiri = 25°45'10

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ASTRODIENST EPHEMERIS for the year 2135
geocentric

OCTOBER 2135 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 37 24	7♎27'07	13♋23	24♍30	21♌40	20♋ 6	14♎30	26♐10	27♍49	1♐28	8°R25	19°R12	19♈34	26♈45	13°R17	S 1
S 2	0 41 20	8°26'03	26°26	26°15	22°42	20°39	14°43	26°13	27°52	1°30	8♊24	19♈12	19°31	26°51	13♊17	S 2
M 3	0 45 17	9°25'00	9♌57	28° 1	23°45	21°12	14°55	26°16	27°56	1°31	8°24	19°11	19°28	26°58	13°16	M 3
T 4	0 49 13	10°24'00	23°54	29°47	24°48	21°45	15° 8	26°19	28° 0	1°33	8°23	19°10	19°25	27° 5	13°15	T 4
W 5	0 53 10	11°23'02	8♍18	1♎35	25°51	22°18	15°21	26°22	28° 4	1°35	8°23	19° 9	19°22	27°11	13°14	W 5
T 6	0 57 6	12°22'07	23° 4	3°22	26°55	22°50	15°34	26°26	28° 7	1°36	8°22	19° 8	19°18	27°18	13°13	T 6
F 7	1 1 3	13°21'13	8♎ 6	5°10	27°59	23°22	15°47	26°29	28°11	1°38	8°22	19° 8	19°15	27°25	13°12	F 7
S 8	1 4 59	14°20'21	23°17	6°57	29° 3	23°54	16° 0	26°33	28°15	1°39	8°21	19°D 8	19°12	27°31	13°10	S 8
S 9	1 8 56	15°19'32	8♏25	8°45	0♍ 7	24°26	16°13	26°36	28°18	1°41	8°20	19° 8	19° 9	27°38	13° 9	S 9
M10	1 12 53	16°18'44	23°23	10°32	1°12	24°58	16°26	26°40	28°22	1°43	8°20	19° 8	19° 6	27°45	13° 8	M10
T 11	1 16 49	17°17'59	8♐ 3	12°18	2°17	25°29	16°39	26°44	28°26	1°44	8°19	19° 8	19° 3	27°51	13° 6	T 11
W12	1 20 46	18°17'15	22°20	14° 4	3°22	26° 0	16°52	26°48	28°29	1°46	8°18	19° 8	18°59	27°58	13° 5	W12
T 13	1 24 42	19°16'33	6♑12	15°50	4°28	26°31	17° 5	26°52	28°33	1°48	8°18	19°R 8	18°56	28° 5	13° 3	T 13
F 14	1 28 39	20°15'53	19°38	17°35	5°34	27° 2	17°18	26°56	28°37	1°50	8°17	19°D 8	18°53	28°11	13° 2	F 14
S 15	1 32 35	21°15'14	2♒42	19°19	6°40	27°32	17°31	27° 0	28°40	1°52	8°16	19° 8	18°50	28°18	13° 0	S 15
S 16	1 36 32	22°14'37	15°25	21° 3	7°46	28° 3	17°44	27° 4	28°44	1°53	8°16	19° 9	18°47	28°24	12°58	S 16
M17	1 40 29	23°14'02	27°51	22°46	8°52	28°33	17°57	27° 8	28°47	1°55	8°15	19° 9	18°44	28°31	12°57	M17
T 18	1 44 25	24°13'29	10♓ 3	24°28	9°59	29° 3	18°10	27°12	28°51	1°57	8°14	19° 9	18°40	28°38	12°55	T 18
W19	1 48 22	25°12'57	22° 5	26°10	11° 6	29°32	18°23	27°17	28°54	1°59	8°13	19°10	18°37	28°44	12°53	W19
T 20	1 52 18	26°12'27	4♈ 0	27°51	12°13	0♌ 1	18°36	27°21	28°58	2° 1	8°13	19°11	18°34	28°51	12°51	T 20
F 21	1 56 15	27°11'59	15°50	29°31	13°20	0°30	18°49	27°26	29° 1	2° 3	8°12	19°R11	18°31	28°58	12°49	F 21
S 22	2 0 11	28°11'34	27°38	1♏11	14°28	0°59	19° 2	27°31	29° 5	2° 5	8°11	19°11	18°28	29° 4	12°47	S 22
S 23	2 4 8	29°11'10	9♉26	2°50	15°36	1°28	19°15	27°35	29° 8	2° 7	8°10	19°10	18°24	29°11	12°45	S 23
M24	2 8 4	0♏10'48	21°16	4°28	16°44	1°56	19°28	27°40	29°11	2° 9	8° 9	19° 9	18°21	29°18	12°42	M24
T 25	2 12 1	1°10'29	3♊11	6° 6	17°52	2°24	19°41	27°45	29°15	2°11	8° 8	19° 7	18°18	29°24	12°40	T 25
W26	2 15 57	2°10'11	15°13	7°43	19° 0	2°52	19°54	27°50	29°18	2°13	8° 8	19° 5	18°15	29°31	12°38	W26
T 27	2 19 54	3° 9'56	27°24	9°19	20° 9	3°19	20° 6	27°55	29°21	2°15	8° 7	19° 3	18°12	29°38	12°35	T 27
F 28	2 23 51	4° 9'43	9♋48	10°55	21°18	3°46	20°19	28° 0	29°25	2°17	8° 6	19° 2	18° 9	29°44	12°33	F 28
S 29	2 27 47	5° 9'32	22°27	12°31	22°27	4°13	20°32	28° 5	29°28	2°19	8° 5	19° 0	18° 5	29°51	12°31	S 29
S 30	2 31 44	6° 9'23	5♌26	14° 6	23°36	4°40	20°45	28°10	29°31	2°21	8° 4	19°D 0	18° 2	29°58	12°28	S 30
M31	2 35 40	7♏ 9'17	18♌47	15♏40	24♍45	5♌ 6	20♎58	28♐15	29♍35	2♐23	8♊ 3	19♈ 0	17♈59	0♉ 4	12♊26	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s57	27n59	5n16	3n54	1n52	13n14	1s 6	22n35	0n40	4s42	1n 6	22s25	0n57	1n32	0n43	18s51	1n37	9n27	12s23	7n31	7n39	10n54	17n54	4s31
S 2	3 21	26 0	5 15	3 13	1 53	12 59	1 0	22 31	0 42	4 47	1 6	22 25	0 57	1 30	0 43	18 51	1 37	9 27	12 23	7 31	7 38	10 58	17 54	4 31
M 3	3 44	22 30	4 57	2 31	1 53	12 44	0 55	22 28	0 43	4 52	1 6	22 25	0 57	1 29	0 43	18 52	1 37	9 27	12 23	7 30	7 37	11 1	17 53	4 32
T 4	4 7	17 39	4 21	1 48	1 52	12 28	0 49	22 24	0 44	4 57	1 6	22 25	0 57	1 27	0 43	18 52	1 37	9 27	12 23	7 30	7 36	11 4	17 53	4 32
W 5	4 30	11 40	3 28	1 4	1 51	12 12	0 44	22 20	0 46	5 2	1 6	22 26	0 57	1 26	0 43	18 53	1 37	9 26	12 24	7 29	7 34	11 7	17 52	4 32
T 6	4 53	4 54	2 20	0 20	1 49	11 56	0 39	22 16	0 47	5 7	1 6	22 26	0 57	1 24	0 43	18 53	1 37	9 26	12 24	7 29	7 33	11 10	17 52	4 33
F 7	5 16	2s17	1 1	0s25	1 47	11 39	0 33	22 12	0 48	5 12	1 6	22 26	0 57	1 23	0 43	18 53	1 37	9 26	12 24	7 29	7 32	11 14	17 51	4 33
S 8	5 39	9 24	0s23	1 11	1 43	11 22	0 28	22 8	0 50	5 17	1 6	22 26	0 56	1 21	0 43	18 54	1 37	9 26	12 24	7 29	7 31	11 17	17 50	4 34
S 9	6 2	15 58	1 45	1 56	1 40	11 4	0 23	22 3	0 51	5 22	1 6	22 27	0 56	1 20	0 43	18 54	1 37	9 25	12 24	7 29	7 30	11 20	17 50	4 34
M10	6 25	21 30	2 59	2 42	1 36	10 46	0 18	21 59	0 52	5 27	1 6	22 27	0 56	1 18	0 43	18 54	1 37	9 25	12 25	7 29	7 28	11 23	17 49	4 34
T 11	6 47	25 35	4 0	3 27	1 31	10 27	0 13	21 55	0 54	5 32	1 6	22 27	0 56	1 17	0 43	18 55	1 37	9 25	12 25	7 29	7 27	11 27	17 49	4 35
W12	7 10	27 56	4 44	4 13	1 27	10 8	0 8	21 50	0 55	5 37	1 6	22 27	0 56	1 16	0 43	18 55	1 37	9 25	12 25	7 29	7 26	11 30	17 48	4 35
T 13	7 32	28 26	5 10	4 58	1 22	9 49	0 3	21 46	0 57	5 42	1 6	22 28	0 56	1 14	0 43	18 56	1 37	9 24	12 25	7 29	7 25	11 33	17 48	4 35
F 14	7 55	27 14	5 18	5 43	1 16	9 30	0n 2	21 41	0 58	5 47	1 6	22 28	0 55	1 13	0 43	18 56	1 37	9 24	12 25	7 29	7 24	11 36	17 47	4 36
S 15	8 17	24 33	5 9	6 28	1 11	9 10	0 6	21 37	1 0	5 52	1 6	22 28	0 55	1 11	0 43	18 56	1 37	9 24	12 25	7 29	7 22	11 39	17 47	4 36
S 16	8 39	20 44	4 45	7 12	1 5	8 49	0 11	21 32	1 1	5 57	1 6	22 28	0 55	1 10	0 43	18 57	1 37	9 23	12 26	7 29	7 21	11 42	17 46	4 36
M17	9 1	16 6	4 8	7 56	0 59	8 29	0 16	21 28	1 3	6 2	1 6	22 29	0 55	1 9	0 43	18 57	1 37	9 23	12 26	7 30	7 20	11 46	17 45	4 37
T 18	9 23	10 54	3 21	8 40	0 53	8 8	0 20	21 23	1 4	6 7	1 6	22 29	0 55	1 7	0 43	18 58	1 37	9 23	12 26	7 30	7 19	11 49	17 45	4 37
W19	9 45	5 22	2 25	9 22	0 46	7 46	0 24	21 18	1 6	6 12	1 6	22 29	0 55	1 6	0 43	18 58	1 37	9 23	12 26	7 30	7 18	11 52	17 44	4 38
T 20	10 7	0n19	1 23	10 5	0 40	7 25	0 29	21 13	1 7	6 16	1 6	22 29	0 55	1 4	0 43	18 58	1 37	9 22	12 26	7 30	7 16	11 55	17 44	4 38
F 21	10 28	5 56	0 19	10 46	0 33	7 3	0 33	21 9	1 9	6 21	1 6	22 30	0 54	1 3	0 43	18 59	1 37	9 22	12 26	7 30	7 15	11 58	17 43	4 38
S 22	10 49	11 21	0n47	11 27	0 27	6 41	0 37	21 4	1 10	6 26	1 6	22 30	0 54	1 2	0 43	18 59	1 37	9 22	12 26	7 30	7 14	12 2	17 43	4 39
S 23	11 11	16 22	1 50	12 8	0 20	6 18	0 41	20 59	1 12	6 31	1 6	22 30	0 54	1 0	0 43	19 0	1 37	9 22	12 27	7 30	7 13	12 5	17 42	4 39
M24	11 32	20 47	2 49	12 47	0 13	5 55	0 45	20 54	1 13	6 36	1 6	22 30	0 54	0 59	0 43	19 0	1 37	9 21	12 27	7 30	7 11	12 8	17 41	4 39
T 25	11 53	24 23	3 40	13 26	0 7	5 32	0 49	20 50	1 15	6 41	1 6	22 30	0 54	0 58	0 43	19 0	1 36	9 21	12 27	7 29	7 10	12 11	17 41	4 40
W26	12 13	26 58	4 23	14 5	0s 0	5 9	0 52	20 45	1 16	6 46	1 6	22 31	0 54	0 56	0 43	19 1	1 36	9 21	12 27	7 28	7 9	12 14	17 40	4 40
T 27	12 34	28 18	4 54	14 42	0 7	4 45	0 56	20 40	1 18	6 50	1 6	22 31	0 54	0 55	0 43	19 1	1 36	9 21	12 27	7 27	7 8	12 17	17 40	4 40
F 28	12 54	28 15	5 12	15 19	0 14	4 22	0 59	20 35	1 20	6 55	1 6	22 31	0 53	0 54	0 43	19 2	1 36	9 20	12 27	7 27	7 7	12 21	17 39	4 41
S 29	13 14	26 45	5 16	15 55	0 21	3 58	1 3	20 31	1 21	7 0	1 6	22 31	0 53	0 53	0 43	19 2	1 36	9 20	12 27	7 26	7 5	12 24	17 38	4 41
S 30	13 34	23 48	5 3	16 30	0 27	3 33	1 6	20 26	1 23	7 5	1 6	22 32	0 53	0 51	0 43	19 3	1 36	9 20	12 27	7 26	7 4	12 27	17 38	4 41
M31	13s54	19n32	4n35	17s 4	0s34	3n 9	1n 9	20n21	1n25	7s 9	1n 6	22s32	0n53	0n50	0n43	19s 3	1n36	9n20	12s27	7n26	7n 3	12n30	17n37	4s41

Julian Day Number = 2501125.5, Delta T = 112.40 sec
Ecliptic obliquity = 23°25'27, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°38'13, Lahiri = 25°45'14

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ASTRODIENST EPHEMERIS for the year 2135
geocentric

NOVEMBER 2135 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 39 37	8♏ 9'13	2♍33	17♏14	25♍54	5♌32	21♎10	28♐21	29♍38	2♐25	8°R 2	19♈ 1	17♈56	0♉11	12°R23	T 1
W 2	2 43 33	9° 9'10	16°43	18°48	27° 4	5°58	21°23	28°26	29°41	2°27	8♊ 1	19° 3	17°53	0°17	12♊20	W 2
T 3	2 47 30	10° 9'10	1♎17	20°21	28°14	6°23	21°36	28°31	29°44	2°29	8° 0	19° 4	17°49	0°24	12°18	T 3
F 4	2 51 26	11° 9'12	16°12	21°53	29°24	6°48	21°48	28°37	29°47	2°31	7°59	19°R 5	17°46	0°31	12°15	F 4
S 5	2 55 23	12° 9'17	1♏20	23°26	0♎34	7°12	22° 1	28°42	29°50	2°33	7°58	19° 4	17°43	0°37	12°12	S 5
S 6	2 59 20	13° 9'23	16°32	24°57	1°44	7°37	22°14	28°48	29°53	2°36	7°57	19° 3	17°40	0°44	12° 9	S 6
M 7	3 3 16	14° 9'31	1♐39	26°29	2°54	8° 1	22°26	28°54	29°56	2°38	7°56	19° 0	17°37	0°51	12° 6	M 7
T 8	3 7 13	15° 9'41	16°32	27°59	4° 5	8°24	22°39	28°59	29°59	2°40	7°55	18°56	17°34	0°57	12° 3	T 8
W 9	3 11 9	16° 9'52	1♑ 3	29°30	5°15	8°47	22°51	29° 5	0♎ 2	2°42	7°54	18°52	17°30	1° 4	12° 0	W 9
T 10	3 15 6	17°10'05	15° 6	1♐ 0	6°26	9°10	23° 4	29°11	0° 5	2°44	7°53	18°49	17°27	1°11	11°57	T 10
F 11	3 19 2	18°10'19	28°41	2°29	7°37	9°33	23°16	29°17	0° 8	2°46	7°52	18°46	17°24	1°17	11°54	F 11
S 12	3 22 59	19°10'35	11♒49	3°59	8°48	9°55	23°28	29°23	0°11	2°49	7°51	18°44	17°21	1°24	11°51	S 12
S 13	3 26 56	20°10'53	24°32	5°27	9°59	10°16	23°41	29°29	0°13	2°51	7°50	18°D44	17°18	1°31	11°48	S 13
M14	3 30 52	21°11'11	6♓54	6°55	11°10	10°37	23°53	29°35	0°16	2°53	7°49	18°45	17°15	1°37	11°45	M14
T 15	3 34 49	22°11'31	19° 1	8°23	12°21	10°58	24° 5	29°41	0°19	2°55	7°48	18°47	17°11	1°44	11°42	T 15
W16	3 38 45	23°11'53	0♈57	9°50	13°33	11°18	24°17	29°47	0°21	2°58	7°46	18°49	17° 8	1°51	11°39	W16
T 17	3 42 42	24°12'16	12°47	11°17	14°44	11°38	24°29	29°53	0°24	3° 0	7°45	18°50	17° 5	1°57	11°35	T 17
F 18	3 46 38	25°12'40	24°33	12°43	15°56	11°58	24°41	29°59	0°27	3° 2	7°44	18°R50	17° 2	2° 4	11°32	F 18
S 19	3 50 35	26°13'06	6♉21	14° 8	17° 8	12°17	24°53	0♑ 5	0°29	3° 4	7°43	18°48	16°59	2°10	11°29	S 19
S 20	3 54 31	27°13'34	18°13	15°33	18°20	12°35	25° 5	0°12	0°32	3° 6	7°42	18°45	16°55	2°17	11°26	S 20
M21	3 58 28	28°14'03	0♊10	16°57	19°32	12°54	25°17	0°18	0°34	3° 9	7°41	18°39	16°52	2°24	11°22	M21
T 22	4 2 25	29°14'33	12°15	18°20	20°44	13°11	25°29	0°24	0°36	3°11	7°40	18°32	16°49	2°30	11°19	T 22
W23	4 6 21	0♐15'05	24°28	19°42	21°56	13°28	25°41	0°31	0°39	3°13	7°39	18°24	16°46	2°37	11°16	W23
T 24	4 10 18	1°15'39	6♋51	21° 3	23° 8	13°45	25°53	0°37	0°41	3°15	7°38	18°16	16°43	2°44	11°12	T 24
F 25	4 14 14	2°16'15	19°26	22°23	24°21	14° 1	26° 4	0°44	0°43	3°18	7°36	18° 9	16°40	2°50	11° 9	F 25
S 26	4 18 11	3°16'52	2♌13	23°41	25°33	14°17	26°16	0°50	0°46	3°20	7°35	18° 3	16°36	2°57	11° 5	S 26
S 27	4 22 7	4°17'30	15°14	24°57	26°45	14°32	26°28	0°57	0°48	3°22	7°34	17°59	16°33	3° 4	11° 2	S 27
M28	4 26 4	5°18'11	28°32	26°12	27°58	14°46	26°39	1° 3	0°50	3°25	7°33	17°57	16°30	3°10	10°58	M28
T 29	4 30 0	6°18'52	12♍ 8	27°25	29°11	15° 0	26°51	1°10	0°52	3°27	7°32	17°D57	16°27	3°17	10°55	T 29
W30	4 33 57	7♐19'36	26♍ 3	28♐35	0♏24	15♌14	27♎ 2	1♑17	0♎54	3♐29	7♊31	17♈58	16♈24	3♉24	10♊52	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s13	14n 8	3n50	17s37	0s41	2n44	1n13	20n16	1n26	7s14	1n 6	22s32	0n53	0n49	0n43	19s 3	1n36	9n19	12s28	7n27	7n 2	12n33	17n36	4s42
W 2	14 32	7 50	2 49	18 10	0 47	2 19	1 16	20 12	1 28	7 19	1 6	22 32	0 53	0 48	0 43	19 4	1 36	9 19	12 28	7 27	7 1	12 36	17 36	4 42
T 3	14 51	0 58	1 37	18 41	0 54	1 54	1 18	20 7	1 30	7 24	1 6	22 32	0 53	0 46	0 43	19 4	1 36	9 19	12 28	7 28	6 59	12 39	17 35	4 42
F 4	15 10	6s 7	0 16	19 12	1 0	1 29	1 21	20 2	1 32	7 28	1 6	22 32	0 53	0 45	0 44	19 5	1 36	9 19	12 28	7 28	6 58	12 43	17 35	4 43
S 5	15 28	12 59	1s 7	19 41	1 6	1 4	1 24	19 58	1 33	7 33	1 6	22 33	0 52	0 44	0 44	19 5	1 36	9 18	12 28	7 28	6 57	12 46	17 34	4 43
S 6	15 47	19 6	2 26	20 10	1 13	0 38	1 27	19 53	1 35	7 37	1 6	22 33	0 52	0 43	0 44	19 6	1 36	9 18	12 28	7 27	6 56	12 49	17 33	4 43
M 7	16 5	23 58	3 33	20 38	1 19	0 13	1 29	19 49	1 37	7 42	1 6	22 33	0 52	0 42	0 44	19 6	1 36	9 18	12 28	7 26	6 55	12 52	17 33	4 43
T 8	16 22	27 9	4 25	21 4	1 25	0s13	1 32	19 45	1 39	7 47	1 6	22 33	0 52	0 40	0 44	19 6	1 36	9 18	12 28	7 25	6 53	12 55	17 32	4 44
W 9	16 40	28 24	4 59	21 30	1 30	0 39	1 34	19 40	1 41	7 51	1 6	22 33	0 52	0 39	0 44	19 7	1 36	9 18	12 28	7 23	6 52	12 58	17 31	4 44
T 10	16 57	27 45	5 13	21 55	1 36	1 5	1 36	19 36	1 43	7 56	1 6	22 34	0 52	0 38	0 44	19 7	1 36	9 17	12 28	7 22	6 51	13 1	17 31	4 44
F 11	17 14	25 27	5 9	22 18	1 41	1 31	1 38	19 32	1 45	8 0	1 6	22 34	0 52	0 37	0 44	19 8	1 36	9 17	12 28	7 21	6 50	13 5	17 30	4 44
S 12	17 30	21 51	4 49	22 41	1 47	1 57	1 40	19 28	1 46	8 5	1 6	22 34	0 52	0 36	0 44	19 8	1 36	9 17	12 28	7 20	6 48	13 8	17 29	4 45
S 13	17 47	17 20	4 15	23 2	1 52	2 23	1 42	19 24	1 48	8 9	1 7	22 34	0 51	0 35	0 44	19 9	1 36	9 17	12 28	7 20	6 47	13 11	17 29	4 45
M14	18 3	12 13	3 30	23 22	1 57	2 49	1 44	19 20	1 50	8 14	1 7	22 34	0 51	0 34	0 44	19 9	1 36	9 17	12 29	7 21	6 46	13 14	17 28	4 45
T 15	18 18	6 44	2 36	23 41	2 1	3 15	1 46	19 16	1 52	8 18	1 7	22 34	0 51	0 33	0 44	19 10	1 36	9 16	12 29	7 21	6 45	13 17	17 28	4 45
W16	18 34	1 6	1 36	23 59	2 5	3 42	1 47	19 12	1 54	8 23	1 7	22 34	0 51	0 32	0 44	19 10	1 36	9 16	12 29	7 22	6 44	13 20	17 27	4 46
T 17	18 49	4n32	0 33	24 15	2 10	4 8	1 49	19 9	1 56	8 27	1 7	22 34	0 51	0 31	0 44	19 10	1 36	9 16	12 29	7 22	6 42	13 23	17 26	4 46
F 18	19 3	10 0	0n31	24 31	2 13	4 34	1 50	19 5	1 58	8 31	1 7	22 35	0 51	0 30	0 44	19 11	1 36	9 16	12 29	7 22	6 41	13 26	17 26	4 46
S 19	19 18	15 7	1 34	24 45	2 17	5 0	1 52	19 2	2 0	8 36	1 7	22 35	0 51	0 29	0 44	19 11	1 36	9 16	12 29	7 22	6 40	13 29	17 25	4 46
S 20	19 32	19 42	2 33	24 58	2 20	5 27	1 53	18 59	2 2	8 40	1 7	22 35	0 51	0 28	0 44	19 12	1 36	9 15	12 29	7 20	6 39	13 33	17 24	4 46
M21	19 45	23 31	3 26	25 9	2 23	5 53	1 54	18 55	2 5	8 44	1 7	22 35	0 51	0 27	0 44	19 12	1 36	9 15	12 29	7 18	6 38	13 36	17 24	4 47
T 22	19 59	26 22	4 10	25 19	2 25	6 19	1 55	18 52	2 7	8 48	1 7	22 35	0 50	0 26	0 44	19 13	1 36	9 15	12 29	7 16	6 36	13 39	17 23	4 47
W23	20 11	28 1	4 42	25 28	2 27	6 45	1 56	18 49	2 9	8 53	1 7	22 35	0 50	0 25	0 44	19 13	1 36	9 15	12 29	7 13	6 35	13 42	17 23	4 47
T 24	20 24	28 17	5 3	25 36	2 29	7 11	1 57	18 47	2 11	8 57	1 7	22 35	0 50	0 24	0 44	19 13	1 36	9 15	12 29	7 10	6 34	13 45	17 22	4 47
F 25	20 36	27 6	5 8	25 42	2 30	7 37	1 57	18 44	2 13	9 1	1 8	22 35	0 50	0 23	0 44	19 14	1 36	9 15	12 29	7 7	6 33	13 48	17 21	4 47
S 26	20 48	24 31	4 59	25 47	2 30	8 2	1 58	18 42	2 15	9 5	1 8	22 35	0 50	0 22	0 44	19 14	1 36	9 14	12 29	7 4	6 31	13 51	17 21	4 47
S 27	20 59	20 38	4 35	25 50	2 30	8 28	1 58	18 39	2 18	9 9	1 8	22 35	0 50	0 22	0 44	19 15	1 36	9 14	12 29	7 3	6 30	13 54	17 20	4 48
M28	21 10	15 39	3 55	25 52	2 30	8 54	1 59	18 37	2 20	9 13	1 8	22 35	0 50	0 21	0 44	19 15	1 36	9 14	12 29	7 2	6 29	13 57	17 20	4 48
T 29	21 21	9 48	3 1	25 53	2 29	9 19	1 59	18 35	2 22	9 17	1 8	22 35	0 50	0 20	0 44	19 16	1 36	9 14	12 29	7 2	6 28	14 0	17 19	4 48
W30	21s31	3n20	1n55	25s52	2s27	9s44	1n59	18n34	2n24	9s21	1n 8	22s35	0n50	0n19	0n44	19s16	1n36	9n14	12s29	7n 3	6n27	14n 3	17n18	4s48

Julian Day Number = 2501156.5, Delta T = 112.46 sec
Ecliptic obliquity = 23°25'27, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°38'18, Lahiri = 25°45'18

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ASTRODIENST EPHEMERIS for the year 2135
geocentric

DECEMBER 2135 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 37 54	8♐20'21	10♎19	29♐43	1♏36	15♌26	27♎13	1♑23	0♎56	3♐31	7°R30	17♈59	16♈21	3♉30	10°R48	T 1
F 2	4 41 50	9°21'08	24°53	0♑47	2°49	15°39	27°24	1°30	0°58	3°34	7♊29	17°R59	16°17	3°37	10♊45	F 2
S 3	4 45 47	10°21'56	9♏42	1°48	4° 2	15°50	27°36	1°37	1° 0	3°36	7°27	17°57	16°14	3°44	10°41	S 3
S 4	4 49 43	11°22'45	24°40	2°45	5°15	16° 1	27°47	1°44	1° 2	3°38	7°26	17°53	16°11	3°50	10°38	S 4
M 5	4 53 40	12°23'36	9♐39	3°37	6°29	16°11	27°58	1°50	1° 4	3°40	7°25	17°46	16° 8	3°57	10°34	M 5
T 6	4 57 36	13°24'28	24°30	4°23	7°42	16°21	28° 9	1°57	1° 5	3°43	7°24	17°37	16° 5	4° 4	10°31	T 6
W 7	5 1 33	14°25'22	9♑ 3	5° 4	8°55	16°30	28°19	2° 4	1° 7	3°45	7°23	17°28	16° 1	4°10	10°27	W 7
T 8	5 5 29	15°26'16	23°12	5°38	10° 8	16°38	28°30	2°11	1° 9	3°47	7°22	17°18	15°58	4°17	10°24	T 8
F 9	5 9 26	16°27'11	6♒54	6° 4	11°22	16°46	28°41	2°18	1°10	3°49	7°21	17°10	15°55	4°24	10°20	F 9
S 10	5 13 23	17°28'06	20° 8	6°22	12°35	16°53	28°52	2°25	1°12	3°51	7°19	17° 4	15°52	4°30	10°17	S 10
S 11	5 17 19	18°29'03	2♓56	6°R30	13°49	16°59	29° 2	2°32	1°13	3°54	7°18	17° 1	15°49	4°37	10°13	S 11
M12	5 21 16	19°30'00	15°21	6°28	15° 2	17° 5	29°12	2°39	1°15	3°56	7°17	17°D 0	15°46	4°44	10°10	M12
T 13	5 25 12	20°30'57	27°28	6°16	16°16	17°10	29°23	2°46	1°16	3°58	7°16	17° 0	15°42	4°50	10° 7	T 13
W14	5 29 9	21°31'56	9♈23	5°52	17°30	17°14	29°33	2°53	1°18	4° 0	7°15	17° 0	15°39	4°57	10° 3	W14
T 15	5 33 5	22°32'55	21°11	5°16	18°43	17°17	29°43	3° 0	1°19	4° 2	7°14	17°R 0	15°36	5° 3	10° 0	T 15
F 16	5 37 2	23°33'54	2♉58	4°30	19°57	17°20	29°53	3° 7	1°20	4° 4	7°13	16°59	15°33	5°10	9°57	F 16
S 17	5 40 58	24°34'54	14°47	3°32	21°11	17°22	0♏ 3	3°14	1°21	4° 7	7°12	16°55	15°30	5°17	9°53	S 17
S 18	5 44 55	25°35'55	26°44	2°25	22°25	17°23	0°13	3°21	1°22	4° 9	7°11	16°49	15°27	5°23	9°50	S 18
M19	5 48 52	26°36'56	8♊49	1°11	23°38	17°R23	0°23	3°28	1°23	4°11	7°10	16°39	15°23	5°30	9°47	M19
T 20	5 52 48	27°37'58	21° 6	29♐51	24°52	17°23	0°32	3°35	1°24	4°13	7° 9	16°28	15°20	5°37	9°43	T 20
W21	5 56 45	28°39'00	3♋35	28°28	26° 6	17°21	0°42	3°42	1°25	4°15	7° 8	16°15	15°17	5°43	9°40	W21
T 22	6 0 41	29°40'04	16°17	27° 6	27°20	17°19	0°51	3°49	1°26	4°17	7° 7	16° 1	15°14	5°50	9°37	T 22
F 23	6 4 38	0♑41'07	29°10	25°46	28°34	17°16	1° 1	3°56	1°27	4°19	7° 5	15°49	15°11	5°57	9°34	F 23
S 24	6 8 34	1°42'12	12♌15	24°31	29°48	17°13	1°10	4° 3	1°28	4°21	7° 4	15°38	15° 7	6° 3	9°31	S 24
S 25	6 12 31	2°43'17	25°30	23°24	1♐ 3	17° 8	1°19	4°10	1°29	4°23	7° 3	15°31	15° 4	6°10	9°27	S 25
M26	6 16 28	3°44'23	8♍57	22°26	2°17	17° 3	1°28	4°17	1°29	4°25	7° 2	15°26	15° 1	6°17	9°24	M26
T 27	6 20 24	4°45'29	22°34	21°38	3°31	16°57	1°37	4°24	1°30	4°27	7° 1	15°24	14°58	6°23	9°21	T 27
W28	6 24 21	5°46'36	6♎24	21° 1	4°45	16°50	1°46	4°31	1°30	4°29	7° 0	15°23	14°55	6°30	9°18	W28
T 29	6 28 17	6°47'44	20°26	20°34	5°59	16°42	1°54	4°38	1°31	4°31	6°59	15°23	14°52	6°37	9°15	T 29
F 30	6 32 14	7°48'52	4♏41	20°18	7°14	16°33	2° 3	4°45	1°31	4°33	6°59	15°22	14°48	6°43	9°12	F 30
S 31	6 36 10	8♑50'01	19♏ 6	20°D12	8♐28	16♌24	2♏11	4♑53	1♎32	4♐35	6♊58	15♈19	14♈45	6♉50	9♊ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s41	3 s27	0n41	25 s50	2 s24	10 s 9	2n 0	18n32	2n27	9 s25	1n 8	22 s36	0n49	0n18	0n44	19 s16	1n36	9n14	12 s29	7n 3	6n25	14n 6	17n18	4 s48
F 2	21 50	10 12	0 s37	25 46	2 21	10 34	2 0	18 31	2 29	9 29	1 8	22 36	0 49	0 18	0 44	19 17	1 36	9 14	12 29	7 3	6 24	14 10	17 17	4 48
S 3	21 59	16 31	1 54	25 41	2 17	10 59	2 0	18 29	2 31	9 33	1 8	22 36	0 49	0 17	0 44	19 17	1 36	9 13	12 28	7 2	6 23	14 13	17 17	4 48
S 4	22 8	21 54	3 4	25 35	2 11	11 23	1 59	18 28	2 34	9 37	1 8	22 36	0 49	0 16	0 44	19 18	1 36	9 13	12 28	7 1	6 22	14 16	17 16	4 48
M 5	22 16	25 51	4 1	25 28	2 5	11 48	1 59	18 27	2 36	9 41	1 9	22 36	0 49	0 16	0 44	19 18	1 36	9 13	12 28	6 58	6 20	14 19	17 15	4 48
T 6	22 24	27 59	4 41	25 19	1 58	12 12	1 59	18 27	2 39	9 44	1 9	22 36	0 49	0 15	0 45	19 19	1 36	9 13	12 28	6 55	6 19	14 22	17 15	4 49
W 7	22 31	28 8	5 2	25 9	1 49	12 35	1 58	18 26	2 41	9 48	1 9	22 36	0 49	0 14	0 45	19 19	1 36	9 13	12 28	6 51	6 18	14 25	17 14	4 49
T 8	22 38	26 25	5 4	24 58	1 40	12 59	1 58	18 26	2 44	9 52	1 9	22 36	0 49	0 14	0 45	19 19	1 36	9 13	12 28	6 47	6 17	14 28	17 14	4 49
F 9	22 44	23 10	4 47	24 46	1 29	13 22	1 57	18 26	2 46	9 55	1 9	22 35	0 49	0 13	0 45	19 20	1 36	9 13	12 28	6 44	6 16	14 31	17 13	4 49
S 10	22 50	18 49	4 16	24 33	1 16	13 45	1 57	18 26	2 48	9 59	1 9	22 35	0 49	0 12	0 45	19 20	1 36	9 13	12 28	6 42	6 14	14 34	17 13	4 49
S 11	22 56	13 44	3 33	24 18	1 3	14 8	1 56	18 27	2 51	10 3	1 9	22 35	0 49	0 12	0 45	19 21	1 36	9 13	12 28	6 41	6 13	14 37	17 12	4 49
M12	23 1	8 15	2 41	24 4	0 48	14 30	1 55	18 28	2 54	10 6	1 9	22 35	0 48	0 11	0 45	19 21	1 36	9 12	12 28	6 40	6 12	14 40	17 12	4 49
T 13	23 5	2 35	1 43	23 48	0 31	14 52	1 54	18 29	2 56	10 10	1 10	22 35	0 48	0 11	0 45	19 21	1 36	9 12	12 28	6 40	6 11	14 43	17 11	4 49
W14	23 9	3n 6	0 41	23 31	0 14	15 14	1 53	18 30	2 59	10 13	1 10	22 35	0 48	0 10	0 45	19 22	1 36	9 12	12 28	6 41	6 9	14 46	17 11	4 49
T 15	23 13	8 36	0n22	23 14	0n 5	15 35	1 52	18 31	3 1	10 17	1 10	22 35	0 48	0 10	0 45	19 22	1 36	9 12	12 28	6 41	6 8	14 49	17 10	4 49
F 16	23 16	13 48	1 24	22 56	0 25	15 56	1 51	18 33	3 4	10 20	1 10	22 35	0 48	0 9	0 45	19 23	1 36	9 12	12 27	6 40	6 7	14 52	17 10	4 49
S 17	23 19	18 32	2 22	22 38	0 45	16 17	1 50	18 35	3 6	10 23	1 10	22 35	0 48	0 9	0 45	19 23	1 36	9 12	12 27	6 39	6 6	14 55	17 9	4 49
S 18	23 21	22 34	3 15	22 19	1 5	16 37	1 48	18 37	3 9	10 27	1 10	22 35	0 48	0 9	0 45	19 23	1 36	9 12	12 27	6 36	6 5	14 58	17 9	4 49
M19	23 23	25 41	3 59	22 1	1 25	16 57	1 47	18 39	3 12	10 30	1 10	22 35	0 48	0 8	0 45	19 24	1 36	9 12	12 27	6 33	6 3	15 1	17 8	4 49
T 20	23 24	27 39	4 33	21 42	1 43	17 16	1 46	18 42	3 14	10 33	1 10	22 35	0 48	0 8	0 45	19 24	1 36	9 12	12 27	6 28	6 2	15 4	17 8	4 49
W21	23 25	28 16	4 54	21 24	2 1	17 35	1 44	18 45	3 17	10 36	1 11	22 35	0 48	0 7	0 45	19 24	1 36	9 12	12 27	6 23	6 1	15 7	17 7	4 49
T 22	23 25	27 25	5 1	21 7	2 17	17 53	1 43	18 48	3 19	10 39	1 11	22 34	0 48	0 7	0 45	19 25	1 36	9 12	12 27	6 18	6 0	15 10	17 7	4 49
F 23	23 25	25 5	4 53	20 51	2 31	18 11	1 41	18 51	3 22	10 43	1 11	22 34	0 48	0 7	0 45	19 25	1 36	9 12	12 27	6 13	5 58	15 13	17 6	4 49
S 24	23 25	21 25	4 30	20 37	2 42	18 29	1 39	18 55	3 25	10 46	1 11	22 34	0 48	0 7	0 45	19 25	1 36	9 12	12 26	6 9	5 57	15 16	17 6	4 49
S 25	23 24	16 38	3 51	20 25	2 51	18 46	1 37	18 59	3 27	10 49	1 11	22 34	0 48	0 6	0 45	19 26	1 36	9 12	12 26	6 6	5 56	15 19	17 6	4 49
M26	23 22	10 59	3 0	20 15	2 57	19 2	1 36	19 3	3 30	10 52	1 11	22 34	0 47	0 6	0 45	19 26	1 36	9 12	12 26	6 4	5 55	15 22	17 5	4 49
T 27	23 20	4 45	1 58	20 8	3 1	19 18	1 34	19 7	3 33	10 55	1 12	22 34	0 47	0 6	0 45	19 27	1 36	9 12	12 26	6 4	5 54	15 25	17 5	4 49
W28	23 18	1 s49	0 47	20 4	3 4	19 34	1 32	19 12	3 35	10 57	1 12	22 34	0 47	0 6	0 45	19 27	1 36	9 12	12 26	6 3	5 52	15 28	17 4	4 49
T 29	23 15	8 23	0 s27	20 2	3 4	19 49	1 30	19 17	3 38	11 0	1 12	22 33	0 47	0 6	0 45	19 27	1 36	9 12	12 26	6 3	5 51	15 31	17 4	4 49
F 30	23 12	14 39	1 40	20 3	3 2	20 4	1 28	19 22	3 40	11 3	1 12	22 33	0 47	0 5	0 45	19 28	1 36	9 12	12 25	6 3	5 50	15 34	17 4	4 49
S 31	23 s 8	20 s11	2 s48	20 s 5	2n59	20 s17	1n26	19n27	3n43	11 s 6	1n12	22 s33	0n47	0n 5	0n45	19 s28	1n36	9n12	12 s25	6n 2	5n49	15n37	17n 3	4 s48

Julian Day Number = 2501186.5, Delta T = 112.51 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°38'22, Lahiri = 25°45'22

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ASTRODIENST EPHEMERIS for the year 2136
geocentric

JANUARY 2136 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 40 7	9♑51'11	3♐39	20♐15	9♐42	16°R13	2♏20	5♑ 0	1♎32	4♐37	6°R57	15°R13	14♈42	6♉57	9°R 7	S 1
M 2	6 44 3	10°52'21	18°14	20°28	10°57	16♌ 2	2°28	5° 7	1°32	4°39	6♊56	15♈ 4	14°39	7° 3	9♊ 4	M 2
T 3	6 48 0	11°53'31	2♑44	20°48	12°11	15°50	2°36	5°14	1°33	4°41	6°55	14°53	14°36	7°10	9° 1	T 3
W 4	6 51 57	12°54'42	17° 3	21°15	13°26	15°37	2°44	5°21	1°33	4°43	6°54	14°40	14°33	7°17	8°58	W 4
T 5	6 55 53	13°55'52	1♒ 4	21°49	14°40	15°24	2°51	5°28	1°33	4°45	6°53	14°27	14°29	7°23	8°56	T 5
F 6	6 59 50	14°57'03	14°43	22°29	15°54	15° 9	2°59	5°35	1°R33	4°47	6°52	14°16	14°26	7°30	8°53	F 6
S 7	7 3 46	15°58'13	27°57	23°15	17° 9	14°54	3° 7	5°42	1°33	4°49	6°51	14° 7	14°23	7°37	8°50	S 7
S 8	7 7 43	16°59'23	10♓46	24° 5	18°23	14°38	3°14	5°49	1°33	4°50	6°50	14° 1	14°20	7°43	8°48	S 8
M 9	7 11 39	18° 0'32	23°14	24°59	19°38	14°22	3°21	5°56	1°33	4°52	6°50	13°57	14°17	7°50	8°45	M 9
T 10	7 15 36	19° 1'42	5♈24	25°56	20°53	14° 4	3°28	6° 3	1°33	4°54	6°49	13°56	14°13	7°57	8°43	T 10
W11	7 19 32	20° 2'50	17°20	26°57	22° 7	13°46	3°35	6°10	1°32	4°56	6°48	13°56	14°10	8° 3	8°41	W11
T 12	7 23 29	21° 3'59	29°10	28° 2	23°22	13°28	3°42	6°17	1°32	4°57	6°47	13°56	14° 7	8°10	8°38	T 12
F 13	7 27 26	22° 5'07	10♉58	29° 8	24°36	13° 9	3°49	6°24	1°32	4°59	6°46	13°54	14° 4	8°16	8°36	F 13
S 14	7 31 22	23° 6'14	22°49	0♑17	25°51	12°49	3°55	6°31	1°31	5° 1	6°46	13°51	14° 1	8°23	8°34	S 14
S 15	7 35 19	24° 7'21	4♊49	1°28	27° 5	12°28	4° 2	6°37	1°31	5° 2	6°45	13°45	13°58	8°30	8°32	S 15
M16	7 39 15	25° 8'28	17° 1	2°42	28°20	12° 8	4° 8	6°44	1°30	5° 4	6°44	13°36	13°54	8°36	8°30	M16
T 17	7 43 12	26° 9'34	29°28	3°56	29°35	11°46	4°14	6°51	1°30	5° 6	6°44	13°25	13°51	8°43	8°28	T 17
W18	7 47 8	27°10'39	12♋12	5°13	0♑49	11°24	4°20	6°58	1°29	5° 7	6°43	13°12	13°48	8°50	8°26	W18
T 19	7 51 5	28°11'44	25°12	6°31	2° 4	11° 2	4°26	7° 5	1°29	5° 9	6°42	12°58	13°45	8°56	8°24	T 19
F 20	7 55 1	29°12'48	8♌28	7°50	3°19	10°39	4°31	7°11	1°28	5°10	6°42	12°46	13°42	9° 3	8°22	F 20
S 21	7 58 58	0♒13'52	21°57	9°10	4°33	10°16	4°37	7°18	1°27	5°12	6°41	12°35	13°39	9°10	8°20	S 21
S 22	8 2 55	1°14'55	5♍36	10°32	5°48	9°53	4°42	7°25	1°26	5°13	6°40	12°28	13°35	9°16	8°18	S 22
M23	8 6 51	2°15'58	19°24	11°54	7° 3	9°30	4°47	7°32	1°25	5°15	6°40	12°23	13°32	9°23	8°17	M23
T 24	8 10 48	3°17'01	3♎18	13°18	8°18	9° 6	4°52	7°38	1°24	5°16	6°39	12°21	13°29	9°30	8°15	T 24
W25	8 14 44	4°18'03	17°17	14°42	9°32	8°42	4°57	7°45	1°23	5°17	6°39	12°D21	13°26	9°36	8°14	W25
T 26	8 18 41	5°19'04	1♏19	16° 8	10°47	8°18	5° 2	7°51	1°22	5°19	6°38	12°R21	13°23	9°43	8°12	T 26
F 27	8 22 37	6°20'06	15°25	17°34	12° 2	7°54	5° 6	7°58	1°21	5°20	6°38	12°21	13°19	9°50	8°11	F 27
S 28	8 26 34	7°21'07	29°34	19° 1	13°17	7°30	5°10	8° 4	1°20	5°21	6°37	12°19	13°16	9°56	8° 9	S 28
S 29	8 30 30	8°22'07	13♐43	20°29	14°31	7° 6	5°14	8°11	1°19	5°23	6°37	12°14	13°13	10° 3	8° 8	S 29
M30	8 34 27	9°23'07	27°50	21°58	15°46	6°42	5°18	8°17	1°18	5°24	6°36	12° 7	13°10	10°10	8° 7	M30
T 31	8 38 24	10♒24'06	11♑52	23♑27	17♑ 1	6♌18	5♏22	8♑24	1♎16	5♐25	6♊36	11♈58	13♈ 7	10♉16	8♊ 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 4	24s33	3s45	20s10	2n55	20s31	1n24	19n33	3n45	11s 8	1n12	22s33	0n47	0n 5	0n46	19s28	1n36	9n12	12s25	5n59	5n47	15n40	17n 3	4s48
M 2	22 59	27 21	4 28	20 16	2 49	20 44	1 21	19 38	3 48	11 11	1 13	22 33	0 47	0 5	0 46	19 29	1 36	9 12	12 25	5 56	5 46	15 43	17 3	4 48
T 3	22 54	28 17	4 53	20 24	2 43	20 56	1 19	19 44	3 50	11 14	1 13	22 32	0 47	0 5	0 46	19 29	1 36	9 12	12 25	5 52	5 45	15 46	17 2	4 48
W 4	22 48	27 17	5 0	20 33	2 36	21 8	1 17	19 51	3 53	11 16	1 13	22 32	0 47	0 5	0 46	19 29	1 36	9 12	12 25	5 47	5 44	15 49	17 2	4 48
T 5	22 42	24 35	4 48	20 42	2 28	21 19	1 15	19 57	3 55	11 19	1 13	22 32	0 47	0 5	0 46	19 29	1 36	9 12	12 24	5 42	5 42	15 52	17 2	4 48
F 6	22 35	20 32	4 19	20 53	2 20	21 29	1 12	20 3	3 57	11 21	1 13	22 32	0 47	0 5	0 46	19 30	1 37	9 12	12 24	5 37	5 41	15 55	17 2	4 48
S 7	22 28	15 35	3 38	21 4	2 12	21 39	1 10	20 10	4 0	11 23	1 13	22 31	0 47	0 5	0 46	19 30	1 37	9 12	12 24	5 34	5 40	15 58	17 1	4 48
S 8	22 21	10 5	2 46	21 15	2 3	21 48	1 7	20 17	4 2	11 26	1 14	22 31	0 47	0 5	0 46	19 30	1 37	9 12	12 24	5 31	5 39	16 1	17 1	4 48
M 9	22 13	4 20	1 47	21 26	1 54	21 56	1 5	20 24	4 4	11 28	1 14	22 31	0 47	0 5	0 46	19 31	1 37	9 12	12 24	5 30	5 38	16 4	17 1	4 47
T 10	22 4	1n27	0 45	21 37	1 45	22 4	1 2	20 31	4 6	11 30	1 14	22 31	0 47	0 5	0 46	19 31	1 37	9 13	12 23	5 30	5 36	16 7	17 1	4 47
W11	21 56	7 5	0n18	21 47	1 36	22 12	1 0	20 38	4 8	11 32	1 14	22 30	0 47	0 5	0 46	19 31	1 37	9 13	12 23	5 30	5 35	16 10	17 0	4 47
T 12	21 46	12 25	1 20	21 58	1 27	22 18	0 57	20 46	4 10	11 35	1 14	22 30	0 46	0 6	0 46	19 31	1 37	9 13	12 23	5 29	5 34	16 12	17 0	4 47
F 13	21 37	17 17	2 18	22 7	1 18	22 24	0 55	20 53	4 12	11 37	1 15	22 30	0 46	0 6	0 46	19 32	1 37	9 13	12 23	5 29	5 33	16 15	17 0	4 47
S 14	21 27	21 32	3 10	22 17	1 9	22 29	0 52	21 1	4 14	11 39	1 15	22 30	0 46	0 6	0 46	19 32	1 37	9 13	12 22	5 28	5 31	16 18	17 0	4 47
S 15	21 16	24 56	3 55	22 25	1 0	22 34	0 49	21 8	4 16	11 41	1 15	22 29	0 46	0 6	0 46	19 32	1 37	9 13	12 22	5 25	5 30	16 21	17 0	4 47
M16	21 6	27 16	4 29	22 33	0 51	22 38	0 47	21 16	4 17	11 43	1 15	22 29	0 46	0 6	0 46	19 32	1 37	9 13	12 22	5 22	5 29	16 24	16 59	4 46
T 17	20 54	28 17	4 52	22 40	0 42	22 41	0 44	21 23	4 19	11 44	1 15	22 29	0 46	0 7	0 46	19 33	1 37	9 13	12 22	5 17	5 28	16 27	16 59	4 46
W18	20 43	27 51	5 1	22 46	0 33	22 44	0 41	21 31	4 20	11 46	1 16	22 28	0 46	0 7	0 46	19 33	1 37	9 13	12 22	5 12	5 27	16 30	16 59	4 46
T 19	20 31	25 54	4 54	22 51	0 24	22 46	0 39	21 38	4 22	11 48	1 16	22 28	0 46	0 7	0 46	19 33	1 37	9 14	12 21	5 7	5 25	16 33	16 59	4 46
F 20	20 18	22 30	4 32	22 56	0 16	22 47	0 36	21 46	4 23	11 50	1 16	22 28	0 46	0 8	0 46	19 33	1 37	9 14	12 21	5 2	5 24	16 36	16 59	4 46
S 21	20 5	17 52	3 54	22 59	0 8	22 47	0 33	21 53	4 24	11 51	1 16	22 27	0 46	0 8	0 46	19 34	1 37	9 14	12 21	4 58	5 23	16 39	16 59	4 46
S 22	19 52	12 16	3 2	23 1	0s 0	22 47	0 31	22 1	4 25	11 53	1 16	22 27	0 46	0 8	0 46	19 34	1 37	9 14	12 21	4 55	5 22	16 42	16 59	4 45
M23	19 39	6 1	1 59	23 2	0 8	22 46	0 28	22 8	4 26	11 54	1 17	22 27	0 46	0 9	0 46	19 34	1 37	9 14	12 20	4 53	5 20	16 44	16 59	4 45
T 24	19 25	0s35	0 48	23 2	0 16	22 45	0 25	22 16	4 27	11 56	1 17	22 26	0 46	0 9	0 46	19 34	1 37	9 14	12 20	4 53	5 19	16 47	16 59	4 45
W25	19 10	7 11	0s26	23 0	0 24	22 43	0 22	22 23	4 28	11 57	1 17	22 26	0 46	0 10	0 46	19 34	1 37	9 14	12 20	4 53	5 18	16 50	16 59	4 45
T 26	18 56	13 29	1 39	22 58	0 31	22 40	0 20	22 30	4 29	11 59	1 17	22 26	0 46	0 10	0 46	19 35	1 37	9 15	12 20	4 53	5 17	16 53	16 59	4 45
F 27	18 41	19 6	2 46	22 54	0 38	22 36	0 17	22 37	4 29	12 0	1 17	22 25	0 46	0 10	0 47	19 35	1 37	9 15	12 19	4 53	5 15	16 56	16 59	4 44
S 28	18 25	23 41	3 44	22 49	0 45	22 32	0 14	22 43	4 30	12 1	1 18	22 25	0 46	0 11	0 47	19 35	1 37	9 15	12 19	4 52	5 14	16 59	16 59	4 44
S 29	18 10	26 51	4 27	22 43	0 52	22 27	0 11	22 50	4 30	12 2	1 18	22 25	0 46	0 11	0 47	19 35	1 37	9 15	12 19	4 50	5 13	17 2	16 59	4 44
M30	17 54	28 19	4 54	22 36	0 58	22 21	0 9	22 56	4 30	12 3	1 18	22 24	0 46	0 12	0 47	19 35	1 37	9 15	12 18	4 47	5 12	17 5	16 59	4 44
T 31	17s37	27s56	5s 4	22s27	1s 5	22s15	0n 6	23n 3	4n30	12s 4	1n18	22s24	0n46	0n12	0n47	19s36	1n37	9n16	12s18	4n44	5n10	17n 7	16n59	4s44

Julian Day Number = 2501217.5, Delta T = 112.56 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°38'26, Lahiri = 25°45'27

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ASTRODIENST EPHEMERIS for the year 2136
geocentric

FEBRUARY 2136 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 42 20	11♒25'05	25♉45	24♉57	18♉16	5°R54	5♏26	8♉30	1°R15	5♐26	6°R35	11°R47	13♈ 4	10♉23	8°R 5	W 1
T 2	8 46 17	12°26'03	9♒24	26°28	19°31	5♌31	5°29	8°36	1♎14	5°27	6♊35	11♈36	13° 0	10°30	8♊ 4	T 2
F 3	8 50 13	13°26'59	22°46	27°59	20°45	5° 8	5°33	8°43	1°12	5°29	6°35	11°27	12°57	10°36	8° 3	F 3
S 4	8 54 10	14°27'55	5♓49	29°31	22° 0	4°45	5°36	8°49	1°11	5°30	6°34	11°19	12°54	10°43	8° 2	S 4
S 5	8 58 6	15°28'49	18°32	1♒ 4	23°15	4°22	5°39	8°55	1° 9	5°31	6°34	11°14	12°51	10°50	8° 2	S 5
M 6	9 2 3	16°29'42	0♈58	2°38	24°30	4° 0	5°41	9° 1	1° 8	5°32	6°34	11°11	12°48	10°56	8° 1	M 6
T 7	9 6 0	17°30'34	13° 7	4°12	25°45	3°39	5°44	9° 7	1° 6	5°33	6°33	11°D11	12°45	11° 3	8° 0	T 7
W 8	9 9 56	18°31'24	25° 5	5°47	26°59	3°17	5°46	9°13	1° 4	5°34	6°33	11°11	12°41	11°10	8° 0	W 8
T 9	9 13 53	19°32'13	6♉55	7°23	28°14	2°57	5°48	9°19	1° 3	5°35	6°33	11°13	12°38	11°16	7°59	T 9
F 10	9 17 49	20°33'00	18°44	9° 0	29°29	2°37	5°50	9°25	1° 1	5°36	6°33	11°R13	12°35	11°23	7°59	F 10
S 11	9 21 46	21°33'47	0♊36	10°37	0♒44	2°17	5°52	9°31	0°59	5°36	6°32	11°13	12°32	11°30	7°59	S 11
S 12	9 25 42	22°34'31	12°37	12°15	1°59	1°58	5°54	9°37	0°57	5°37	6°32	11°10	12°29	11°36	7°58	S 12
M13	9 29 39	23°35'14	24°51	13°54	3°13	1°40	5°55	9°42	0°55	5°38	6°32	11° 6	12°25	11°43	7°58	M13
T 14	9 33 35	24°35'56	7♋22	15°34	4°28	1°22	5°56	9°48	0°53	5°39	6°32	11° 0	12°22	11°50	7°58	T 14
W15	9 37 32	25°36'36	20°14	17°15	5°43	1° 5	5°57	9°54	0°52	5°40	6°32	10°52	12°19	11°56	7°D58	W15
T 16	9 41 29	26°37'14	3♌26	18°56	6°58	0°49	5°58	9°59	0°50	5°40	6°32	10°44	12°16	12° 3	7°58	T 16
F 17	9 45 25	27°37'51	16°59	20°38	8°13	0°33	5°59	10° 5	0°48	5°41	6°32	10°37	12°13	12°10	7°58	F 17
S 18	9 49 22	28°38'27	0♍51	22°22	9°27	0°18	6° 0	10°10	0°45	5°42	6°32	10°30	12°10	12°16	7°58	S 18
S 19	9 53 18	29°39'01	14°56	24° 6	10°42	0° 4	6° 0	10°16	0°43	5°42	6°32	10°26	12° 6	12°23	7°59	S 19
M20	9 57 15	0♓39'33	29°12	25°50	11°57	29♋51	6°R 0	10°21	0°41	5°43	6°D32	10°23	12° 3	12°30	7°59	M20
T 21	10 1 11	1°40'04	13♎33	27°36	13°12	29°38	6° 0	10°27	0°39	5°43	6°32	10°D23	12° 0	12°36	7°59	T 21
W22	10 5 8	2°40'34	27°54	29°23	14°27	29°26	6° 0	10°32	0°37	5°44	6°32	10°24	11°57	12°43	8° 0	W22
T 23	10 9 4	3°41'03	12♏12	1♓11	15°41	29°15	5°59	10°37	0°35	5°44	6°32	10°25	11°54	12°50	8° 1	T 23
F 24	10 13 1	4°41'30	26°25	2°59	16°56	29° 5	5°59	10°42	0°32	5°45	6°32	10°26	11°51	12°56	8° 1	F 24
S 25	10 16 57	5°41'56	10♐31	4°48	18°11	28°55	5°58	10°47	0°30	5°45	6°32	10°R27	11°47	13° 3	8° 2	S 25
S 26	10 20 54	6°42'21	24°28	6°39	19°26	28°47	5°57	10°52	0°28	5°45	6°32	10°25	11°44	13°10	8° 3	S 26
M27	10 24 51	7°42'44	8♑15	8°30	20°40	28°39	5°56	10°57	0°26	5°46	6°32	10°22	11°41	13°16	8° 4	M27
T 28	10 28 47	8°43'07	21°52	10°22	21°55	28°32	5°54	11° 2	0°23	5°46	6°32	10°18	11°38	13°23	8° 4	T 28
W29	10 32 44	9♓43'27	5♒17	12♓15	23♒10	28♋25	5♏53	11♑ 7	0♎21	5♐46	6♊32	10♈13	11♈35	13♉30	8♊ 5	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s21	25s48	4s55	22s17	1s11	22s 8	0n 3	23n 9	4n30	12s 5	1n18	22s24	0n46	0n13	0n47	19s36	1n38	9n16	12s18	4n39	5n 9	17n10	16n59	4s43
T 2	17 4	22 13	4 29	22 6	1 16	22 0	0 1	23 14	4 30	12 6	1 19	22 23	0 46	0 14	0 47	19 36	1 38	9 16	12 18	4 35	5 8	17 13	16 59	4 43
F 3	16 46	17 31	3 49	21 53	1 22	21 52	0s 2	23 20	4 30	12 7	1 19	22 23	0 46	0 14	0 47	19 36	1 38	9 16	12 17	4 31	5 7	17 16	16 59	4 43
S 4	16 29	12 7	2 58	21 39	1 27	21 42	0 5	23 25	4 30	12 8	1 19	22 22	0 46	0 15	0 47	19 36	1 38	9 16	12 17	4 28	5 6	17 19	16 59	4 43
S 5	16 11	6 21	1 58	21 24	1 32	21 33	0 8	23 30	4 29	12 9	1 19	22 22	0 46	0 15	0 47	19 36	1 38	9 17	12 17	4 26	5 4	17 22	16 59	4 42
M 6	15 53	0 27	0 55	21 7	1 36	21 22	0 10	23 35	4 29	12 10	1 20	22 22	0 46	0 16	0 47	19 36	1 38	9 17	12 17	4 25	5 3	17 25	16 59	4 42
T 7	15 35	5n20	0n10	20 50	1 41	21 11	0 13	23 40	4 28	12 10	1 20	22 21	0 46	0 17	0 47	19 37	1 38	9 17	12 16	4 25	5 2	17 27	16 59	4 42
W 8	15 16	10 51	1 14	20 30	1 45	21 0	0 15	23 44	4 27	12 11	1 20	22 21	0 45	0 17	0 47	19 37	1 38	9 17	12 16	4 25	5 1	17 30	17 0	4 42
T 9	14 57	15 56	2 14	20 10	1 48	20 48	0 18	23 48	4 26	12 11	1 20	22 20	0 45	0 18	0 47	19 37	1 38	9 18	12 16	4 26	4 59	17 33	17 0	4 41
F 10	14 38	20 24	3 8	19 48	1 52	20 35	0 20	23 52	4 25	12 12	1 20	22 20	0 45	0 19	0 47	19 37	1 38	9 18	12 15	4 26	4 58	17 36	17 0	4 41
S 11	14 18	24 5	3 54	19 24	1 55	20 21	0 23	23 56	4 24	12 12	1 21	22 20	0 45	0 20	0 47	19 37	1 38	9 18	12 15	4 26	4 57	17 39	17 0	4 41
S 12	13 59	26 46	4 31	19 0	1 58	20 7	0 25	23 59	4 23	12 12	1 21	22 19	0 45	0 20	0 47	19 37	1 38	9 18	12 15	4 25	4 56	17 41	17 0	4 41
M13	13 39	28 15	4 56	18 33	2 0	19 53	0 28	24 2	4 22	12 13	1 21	22 19	0 45	0 21	0 47	19 37	1 38	9 19	12 15	4 23	4 54	17 44	17 0	4 41
T 14	13 19	28 20	5 8	18 6	2 2	19 37	0 30	24 5	4 21	12 13	1 21	22 18	0 45	0 22	0 47	19 37	1 38	9 19	12 14	4 21	4 53	17 47	17 1	4 40
W15	12 59	26 55	5 4	17 37	2 4	19 22	0 33	24 7	4 20	12 13	1 22	22 18	0 45	0 23	0 47	19 37	1 38	9 19	12 14	4 18	4 52	17 50	17 1	4 40
T 16	12 38	23 59	4 45	17 7	2 5	19 5	0 35	24 10	4 18	12 13	1 22	22 18	0 45	0 24	0 47	19 37	1 38	9 19	12 14	4 15	4 51	17 53	17 1	4 40
F 17	12 17	19 41	4 9	16 35	2 6	18 48	0 37	24 12	4 17	12 13	1 22	22 17	0 45	0 24	0 47	19 38	1 38	9 20	12 13	4 12	4 49	17 55	17 1	4 40
S 18	11 56	14 15	3 18	16 2	2 6	18 31	0 40	24 14	4 15	12 13	1 22	22 17	0 45	0 25	0 47	19 38	1 38	9 20	12 13	4 9	4 48	17 58	17 2	4 39
S 19	11 35	7 59	2 14	15 28	2 6	18 13	0 42	24 15	4 14	12 13	1 22	22 17	0 45	0 26	0 47	19 38	1 38	9 20	12 13	4 8	4 47	18 1	17 2	4 39
M20	11 14	1 15	1 0	14 52	2 6	17 54	0 44	24 16	4 12	12 13	1 23	22 16	0 45	0 27	0 47	19 38	1 38	9 21	12 13	4 7	4 46	18 4	17 2	4 39
T 21	10 52	5s36	0s17	14 15	2 5	17 35	0 46	24 17	4 10	12 13	1 23	22 16	0 45	0 28	0 47	19 38	1 39	9 21	12 12	4 6	4 44	18 7	17 3	4 39
W22	10 31	12 11	1 34	13 37	2 4	17 16	0 48	24 18	4 9	12 12	1 23	22 15	0 45	0 29	0 47	19 38	1 39	9 21	12 12	4 7	4 43	18 9	17 3	4 38
T 23	10 9	18 6	2 45	12 57	2 2	16 56	0 50	24 19	4 7	12 12	1 23	22 15	0 45	0 30	0 47	19 38	1 39	9 21	12 12	4 7	4 42	18 12	17 3	4 38
F 24	9 47	22 59	3 45	12 16	2 0	16 35	0 52	24 19	4 5	12 12	1 23	22 15	0 45	0 30	0 47	19 38	1 39	9 22	12 11	4 8	4 41	18 15	17 4	4 38
S 25	9 25	26 28	4 31	11 33	1 57	16 14	0 54	24 20	4 3	12 11	1 24	22 14	0 45	0 31	0 47	19 38	1 39	9 22	12 11	4 8	4 40	18 18	17 4	4 38
S 26	9 3	28 18	5 0	10 50	1 54	15 53	0 56	24 20	4 1	12 11	1 24	22 14	0 45	0 32	0 47	19 38	1 39	9 22	12 11	4 7	4 38	18 20	17 4	4 37
M27	8 40	28 21	5 12	10 5	1 50	15 31	0 58	24 19	3 59	12 10	1 24	22 13	0 45	0 33	0 47	19 38	1 39	9 23	12 10	4 6	4 37	18 23	17 5	4 37
T 28	8 18	26 41	5 6	9 18	1 46	15 8	1 0	24 19	3 57	12 9	1 24	22 13	0 45	0 34	0 47	19 38	1 39	9 23	12 10	4 5	4 36	18 26	17 5	4 37
W29	7s55	23s30	4s43	8s31	1s41	14s46	1s 2	24n18	3n56	12s 9	1n25	22s13	0n45	0n35	0n47	19s38	1n39	9n23	12s10	4n 3	4n35	18n29	17n 5	4s37

Julian Day Number = 2501248.5, Delta T = 112.61 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°38'30, Lahiri = 25°45'31

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ASTRODIENST EPHEMERIS for the year 2136
geocentric

MARCH 2136 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 36 40	10♓43'46	18♒30	14♓ 8	24♒25	28°R20	5°R51	11♑11	0°R18	5♐47	6♊33	10°R 8	11♈31	13♉36	8♊ 7	T 1
F 2	10 40 37	11°44'04	1♓28	16° 2	25°40	28♋15	5♏49	11°16	0♎16	5°47	6°33	10♈ 4	11°28	13°43	8° 8	F 2
S 3	10 44 33	12°44'19	14°12	17°57	26°54	28°11	5°47	11°21	0°14	5°47	6°33	10° 0	11°25	13°50	8° 9	S 3
S 4	10 48 30	13°44'33	26°42	19°52	28° 9	28° 8	5°44	11°25	0°11	5°47	6°33	9°58	11°22	13°56	8°10	S 4
M 5	10 52 26	14°44'45	8♈58	21°47	29°24	28° 6	5°42	11°29	0° 9	5°47	6°34	9°D57	11°19	14° 3	8°12	M 5
T 6	10 56 23	15°44'55	21° 3	23°42	0♓39	28° 4	5°39	11°34	0° 6	5°47	6°34	9°58	11°16	14°10	8°13	T 6
W 7	11 0 20	16°45'03	2♉59	25°38	1°53	28° 3	5°36	11°38	0° 4	5°R47	6°34	9°59	11°12	14°16	8°14	W 7
T 8	11 4 16	17°45'09	14°49	27°33	3° 8	28°D 3	5°33	11°42	0° 1	5°47	6°35	10° 1	11° 9	14°23	8°16	T 8
F 9	11 8 13	18°45'13	26°38	29°27	4°23	28° 3	5°30	11°46	29♍59	5°47	6°35	10° 2	11° 6	14°30	8°18	F 9
S 10	11 12 9	19°45'15	8♊30	1♈20	5°37	28° 5	5°27	11°50	29°56	5°47	6°36	10° 4	11° 3	14°36	8°19	S 10
S 11	11 16 6	20°45'15	20°30	3°12	6°52	28° 7	5°23	11°54	29°54	5°47	6°36	10°R 4	11° 0	14°43	8°21	S 11
M12	11 20 2	21°45'13	2♋42	5° 2	8° 7	28°10	5°19	11°58	29°51	5°47	6°36	10° 4	10°57	14°50	8°23	M12
T 13	11 23 59	22°45'09	15°12	6°50	9°21	28°13	5°15	12° 2	29°48	5°47	6°37	10° 2	10°53	14°56	8°25	T 13
W14	11 27 55	23°45'02	28° 2	8°36	10°36	28°17	5°11	12° 5	29°46	5°47	6°37	10° 1	10°50	15° 3	8°27	W14
T 15	11 31 52	24°44'53	11♌17	10°18	11°51	28°22	5° 7	12° 9	29°43	5°46	6°38	9°58	10°47	15°10	8°29	T 15
F 16	11 35 49	25°44'42	24°56	11°57	13° 5	28°28	5° 3	12°13	29°41	5°46	6°38	9°56	10°44	15°16	8°31	F 16
S 17	11 39 45	26°44'29	9♍ 0	13°32	14°20	28°34	4°58	12°16	29°38	5°46	6°39	9°55	10°41	15°23	8°33	S 17
S 18	11 43 42	27°44'14	23°23	15° 2	15°35	28°41	4°53	12°19	29°35	5°45	6°40	9°54	10°37	15°30	8°35	S 18
M19	11 47 38	28°43'57	8♎ 2	16°27	16°49	28°48	4°49	12°23	29°33	5°45	6°40	9°D53	10°34	15°36	8°38	M19
T 20	11 51 35	29°43'38	22°50	17°46	18° 4	28°56	4°44	12°26	29°30	5°45	6°41	9°53	10°31	15°43	8°40	T 20
W21	11 55 31	0♈43'17	7♏39	19° 0	19°18	29° 5	4°38	12°29	29°28	5°44	6°41	9°54	10°28	15°50	8°42	W21
T 22	11 59 28	1°42'54	22°22	20° 7	20°33	29°14	4°33	12°32	29°25	5°44	6°42	9°55	10°25	15°56	8°45	T 22
F 23	12 3 24	2°42'30	6♐54	21° 8	21°48	29°24	4°28	12°35	29°22	5°43	6°43	9°55	10°22	16° 3	8°48	F 23
S 24	12 7 21	3°42'03	21°10	22° 1	23° 2	29°34	4°22	12°38	29°20	5°43	6°43	9°56	10°18	16°10	8°50	S 24
S 25	12 11 18	4°41'36	5♑ 9	22°47	24°17	29°45	4°16	12°40	29°17	5°42	6°44	9°R56	10°15	16°16	8°53	S 25
M26	12 15 14	5°41'06	18°50	23°26	25°31	29°56	4°10	12°43	29°15	5°42	6°45	9°56	10°12	16°23	8°55	M26
T 27	12 19 11	6°40'35	2♒12	23°57	26°46	0♌ 8	4° 4	12°46	29°12	5°41	6°46	9°56	10° 9	16°30	8°58	T 27
W28	12 23 7	7°40'02	15°18	24°20	28° 0	0°21	3°58	12°48	29° 9	5°40	6°46	9°55	10° 6	16°36	9° 1	W28
T 29	12 27 4	8°39'27	28° 9	24°36	29°15	0°34	3°52	12°50	29° 7	5°40	6°47	9°55	10° 2	16°43	9° 4	T 29
F 30	12 31 0	9°38'50	10♓45	24°44	0♈29	0°47	3°46	12°53	29° 4	5°39	6°48	9°D55	9°59	16°50	9° 7	F 30
S 31	12 34 57	10♈38'12	23♓10	24°R44	1♈44	1♌ 1	3♏39	12♑55	29♍ 2	5♐38	6♊49	9♈55	9♈56	16♉56	9♊10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s32	19s 9	4s 5	7s42	1s35	14s22	1s 4	24n18	3n54	12s 8	1n25	22s12	0n45	0n36	0n47	19s38	1n39	9n24	12s10	4n 1	4n33	18n31	17n 6	4s36
F 2	7 9	13 59	3 15	6 52	1 29	13 59	1 5	24 17	3 52	12 7	1 25	22 12	0 45	0 37	0 47	19 38	1 39	9 24	12 9	3 59	4 32	18 34	17 6	4 36
S 3	6 46	8 19	2 17	6 2	1 22	13 35	1 7	24 15	3 50	12 6	1 25	22 11	0 45	0 38	0 47	19 38	1 39	9 24	12 9	3 58	4 31	18 37	17 7	4 36
S 4	6 23	2 25	1 12	5 10	1 15	13 11	1 8	24 14	3 48	12 5	1 25	22 11	0 45	0 39	0 47	19 38	1 39	9 25	12 9	3 57	4 30	18 40	17 7	4 36
M 5	6 0	3n28	0 5	4 17	1 7	12 46	1 10	24 13	3 45	12 4	1 26	22 11	0 45	0 40	0 47	19 38	1 39	9 25	12 8	3 56	4 28	18 42	17 8	4 35
T 6	5 37	9 9	1n 1	3 24	0 59	12 21	1 11	24 11	3 43	12 3	1 26	22 10	0 45	0 41	0 47	19 38	1 39	9 25	12 8	3 57	4 27	18 45	17 8	4 35
W 7	5 14	14 26	2 4	2 30	0 50	11 56	1 13	24 9	3 41	12 2	1 26	22 10	0 45	0 42	0 47	19 38	1 39	9 26	12 8	3 57	4 26	18 48	17 8	4 35
T 8	4 50	19 9	3 1	1 36	0 40	11 30	1 14	24 7	3 39	12 1	1 26	22 10	0 45	0 43	0 47	19 38	1 39	9 26	12 8	3 58	4 25	18 50	17 9	4 35
F 9	4 27	23 7	3 50	0 41	0 30	11 4	1 15	24 5	3 37	11 59	1 26	22 9	0 45	0 44	0 47	19 38	1 39	9 26	12 7	3 58	4 23	18 53	17 9	4 34
S 10	4 3	26 8	4 29	0n14	0 19	10 38	1 17	24 3	3 35	11 58	1 26	22 9	0 45	0 45	0 47	19 37	1 39	9 27	12 7	3 59	4 22	18 56	17 10	4 34
S 11	3 40	28 2	4 58	1 9	0 8	10 11	1 18	24 0	3 33	11 57	1 27	22 9	0 45	0 46	0 47	19 37	1 40	9 27	12 7	3 59	4 21	18 59	17 10	4 34
M12	3 16	28 37	5 13	2 3	0n 3	9 44	1 19	23 58	3 31	11 55	1 27	22 8	0 45	0 47	0 47	19 37	1 40	9 27	12 6	3 59	4 20	19 1	17 11	4 34
T 13	2 52	27 46	5 15	2 57	0 16	9 17	1 20	23 55	3 29	11 54	1 27	22 8	0 45	0 48	0 47	19 37	1 40	9 28	12 6	3 58	4 18	19 4	17 11	4 34
W14	2 29	25 27	5 1	3 50	0 28	8 50	1 21	23 52	3 27	11 52	1 27	22 8	0 45	0 49	0 47	19 37	1 40	9 28	12 6	3 58	4 17	19 7	17 12	4 33
T 15	2 5	21 42	4 30	4 42	0 41	8 22	1 22	23 49	3 25	11 51	1 27	22 7	0 45	0 50	0 47	19 37	1 40	9 28	12 6	3 57	4 16	19 9	17 13	4 33
F 16	1 41	16 43	3 44	5 33	0 54	7 55	1 22	23 46	3 23	11 49	1 27	22 7	0 45	0 51	0 48	19 37	1 40	9 29	12 5	3 56	4 15	19 12	17 13	4 33
S 17	1 18	10 43	2 43	6 21	1 7	7 27	1 23	23 43	3 21	11 48	1 28	22 7	0 45	0 52	0 48	19 37	1 40	9 29	12 5	3 55	4 13	19 15	17 14	4 33
S 18	0 54	4 0	1 30	7 8	1 20	6 58	1 24	23 39	3 19	11 46	1 28	22 6	0 45	0 53	0 48	19 37	1 40	9 29	12 5	3 55	4 12	19 17	17 14	4 32
M19	0 30	3s 2	0 10	7 53	1 32	6 30	1 25	23 36	3 17	11 44	1 28	22 6	0 45	0 54	0 47	19 37	1 40	9 30	12 5	3 55	4 11	19 20	17 15	4 32
T 20	0 7	9 58	1s11	8 35	1 45	6 1	1 25	23 32	3 15	11 42	1 28	22 6	0 45	0 55	0 47	19 37	1 40	9 30	12 4	3 55	4 10	19 23	17 15	4 32
W21	0n17	16 23	2 28	9 15	1 58	5 33	1 26	23 28	3 13	11 40	1 28	22 5	0 45	0 56	0 47	19 36	1 40	9 31	12 4	3 55	4 8	19 25	17 16	4 32
T 22	0 41	21 48	3 34	9 51	2 9	5 4	1 26	23 24	3 11	11 39	1 28	22 5	0 45	0 58	0 47	19 36	1 40	9 31	12 4	3 55	4 7	19 28	17 16	4 32
F 23	1 5	25 49	4 26	10 25	2 21	4 35	1 27	23 20	3 9	11 37	1 28	22 5	0 45	0 59	0 47	19 36	1 40	9 31	12 3	3 56	4 6	19 31	17 17	4 31
S 24	1 28	28 8	5 1	10 55	2 32	4 6	1 27	23 16	3 7	11 35	1 29	22 5	0 45	1 0	0 47	19 36	1 40	9 32	12 3	3 56	4 5	19 33	17 18	4 31
S 25	1 52	28 35	5 16	11 21	2 42	3 36	1 27	23 12	3 5	11 33	1 29	22 4	0 45	1 1	0 47	19 36	1 40	9 32	12 3	3 56	4 3	19 36	17 18	4 31
M26	2 15	27 17	5 14	11 44	2 51	3 7	1 27	23 8	3 3	11 30	1 29	22 4	0 45	1 2	0 47	19 36	1 40	9 32	12 3	3 56	4 2	19 38	17 19	4 31
T 27	2 39	24 25	4 54	12 3	2 59	2 37	1 27	23 3	3 1	11 28	1 29	22 4	0 45	1 3	0 47	19 36	1 40	9 33	12 2	3 56	4 1	19 41	17 19	4 31
W28	3 2	20 21	4 19	12 18	3 6	2 8	1 28	22 59	2 59	11 26	1 29	22 4	0 45	1 4	0 47	19 35	1 40	9 33	12 2	3 56	4 0	19 44	17 20	4 30
T 29	3 26	15 25	3 32	12 29	3 11	1 38	1 27	22 54	2 57	11 24	1 29	22 3	0 45	1 5	0 47	19 35	1 40	9 33	12 2	3 56	3 58	19 46	17 21	4 30
F 30	3 49	9 55	2 35	12 36	3 16	1 9	1 27	22 49	2 55	11 22	1 29	22 3	0 45	1 6	0 47	19 35	1 40	9 34	12 2	3 56	3 57	19 49	17 21	4 30
S 31	4n12	4s 7	1s32	12n39	3n19	0s39	1s27	22n44	2n54	11s19	1n29	22s 3	0n45	1n 7	0n47	19s35	1n40	9n34	12s 1	3n56	3n56	19n51	17n22	4s30

Julian Day Number = 2501277.5, Delta T = 112.66 sec
Ecliptic obliquity = 23°25'27, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°38'34, Lahiri = 25°45'35

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ASTRODIENST EPHEMERIS for the year 2136
geocentric

APRIL 2136 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 53	11♈37'31	5♈23	24°R37	2♈58	1♌16	3°R33	12♎57	28°R59	5°R38	6♊50	9°R55	9♈53	17♉ 3	9♊13	S 1
M 2	12 42 50	12°36'48	17°28	24♈23	4°13	1°31	3♏26	12°59	28♍57	5♐37	6°50	9♈55	9°50	17°10	9°16	M 2
T 3	12 46 47	13°36'03	29°26	24° 3	5°27	1°46	3°19	13° 1	28°54	5°36	6°51	9°55	9°47	17°16	9°19	T 3
W 4	12 50 43	14°35'17	11♉18	23°36	6°42	2° 2	3°12	13° 3	28°52	5°35	6°52	9°54	9°43	17°23	9°22	W 4
T 5	12 54 40	15°34'28	23° 7	23° 4	7°56	2°18	3° 5	13° 4	28°49	5°34	6°53	9°54	9°40	17°30	9°26	T 5
F 6	12 58 36	16°33'37	4♊57	22°28	9°10	2°35	2°58	13° 6	28°47	5°33	6°54	9°53	9°37	17°36	9°29	F 6
S 7	13 2 33	17°32'43	16°49	21°47	10°25	2°52	2°51	13° 7	28°44	5°32	6°55	9°52	9°34	17°43	9°32	S 7
S 8	13 6 29	18°31'48	28°49	21° 4	11°39	3°10	2°44	13° 9	28°42	5°31	6°56	9°51	9°31	17°50	9°36	S 8
M 9	13 10 26	19°30'50	10♋59	20°18	12°54	3°28	2°37	13°10	28°39	5°30	6°57	9°51	9°28	17°56	9°39	M 9
T 10	13 14 22	20°29'50	23°25	19°32	14° 8	3°46	2°29	13°11	28°37	5°29	6°58	9°D50	9°24	18° 3	9°43	T 10
W11	13 18 19	21°28'48	6♌11	18°45	15°22	4° 5	2°22	13°13	28°35	5°28	6°59	9°51	9°21	18°10	9°46	W11
T 12	13 22 16	22°27'43	19°20	17°58	16°37	4°24	2°15	13°14	28°32	5°27	7° 0	9°52	9°18	18°16	9°50	T 12
F 13	13 26 12	23°26'36	2♍55	17°13	17°51	4°44	2° 7	13°14	28°30	5°26	7° 1	9°53	9°15	18°23	9°54	F 13
S 14	13 30 9	24°25'27	16°57	16°30	19° 5	5° 4	2° 0	13°15	28°28	5°25	7° 2	9°54	9°12	18°30	9°57	S 14
S 15	13 34 5	25°24'15	1♎24	15°51	20°19	5°24	1°52	13°16	28°26	5°24	7° 3	9°54	9° 8	18°37	10° 1	S 15
M16	13 38 2	26°23'01	16°13	15°14	21°34	5°45	1°44	13°17	28°23	5°23	7° 4	9°R55	9° 5	18°43	10° 5	M16
T 17	13 41 58	27°21'46	1♏16	14°42	22°48	6° 5	1°37	13°17	28°21	5°22	7° 5	9°54	9° 2	18°50	10° 9	T 17
W18	13 45 55	28°20'28	16°26	14°14	24° 2	6°27	1°29	13°18	28°19	5°20	7° 6	9°52	8°59	18°57	10°13	W18
T 19	13 49 51	29°19'09	1♐32	13°51	25°16	6°48	1°22	13°18	28°17	5°19	7° 7	9°50	8°56	19° 3	10°17	T 19
F 20	13 53 48	0♑17'48	16°26	13°33	26°31	7°10	1°14	13°18	28°15	5°18	7° 8	9°47	8°53	19°10	10°20	F 20
S 21	13 57 45	1°16'25	1♑ 0	13°19	27°45	7°32	1° 6	13°18	28°13	5°17	7° 9	9°45	8°49	19°17	10°24	S 21
S 22	14 1 41	2°15'01	15°10	13°11	28°59	7°55	0°59	13°R18	28°11	5°16	7°11	9°43	8°46	19°23	10°29	S 22
M23	14 5 38	3°13'35	28°55	13°D 9	0♉13	8°17	0°51	13°18	28° 9	5°14	7°12	9°D42	8°43	19°30	10°33	M23
T 24	14 9 34	4°12'07	12♒15	13°11	1°27	8°40	0°43	13°18	28° 7	5°13	7°13	9°42	8°40	19°37	10°37	T 24
W25	14 13 31	5°10'38	25°13	13°18	2°42	9° 4	0°36	13°18	28° 5	5°12	7°14	9°43	8°37	19°43	10°41	W25
T 26	14 17 27	6° 9'07	7♓51	13°30	3°56	9°27	0°28	13°18	28° 3	5°10	7°15	9°45	8°34	19°50	10°45	T 26
F 27	14 21 24	7° 7'34	20°14	13°47	5°10	9°51	0°20	13°17	28° 1	5° 9	7°16	9°46	8°30	19°57	10°49	F 27
S 28	14 25 20	8° 6'00	2♈24	14° 8	6°24	10°15	0°13	13°17	27°59	5° 7	7°18	9°48	8°27	20° 3	10°53	S 28
S 29	14 29 17	9° 4'24	14°25	14°34	7°38	10°40	0° 5	13°16	27°57	5° 6	7°19	9°R48	8°24	20°10	10°58	S 29
M30	14 33 14	10♉ 2'46	26♈20	15♈ 4	8♉52	11♌ 4	29♎58	13♎15	27♍56	5♐ 5	7♊20	9♈46	8♈21	20♉17	11♊ 2	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n36	1n45	0s25	12n38	3n20	0s 9	1s27	22n39	2n52	11s17	1n29	22s 3	0n45	1n 8	0n47	19s35	1n41	9n35	12s 1	3n56	3n55	19n54	17n23	4s30
M 2	4 59	7 30	0n42	12 33	3 20	0n21	1 27	22 34	2 50	11 15	1 30	22 3	0 45	1 9	0 47	19 35	1 41	9 35	12 1	3 56	3 53	19 57	17 23	4 29
T 3	5 22	12 55	1 46	12 24	3 18	0 50	1 26	22 29	2 48	11 12	1 30	22 2	0 45	1 10	0 47	19 34	1 41	9 35	12 1	3 55	3 52	19 59	17 24	4 29
W 4	5 45	17 50	2 46	12 11	3 15	1 20	1 26	22 24	2 46	11 10	1 30	22 2	0 45	1 11	0 47	19 34	1 41	9 36	12 0	3 55	3 51	20 2	17 24	4 29
T 5	6 8	22 3	3 37	11 54	3 10	1 50	1 26	22 18	2 45	11 8	1 30	22 2	0 45	1 12	0 47	19 34	1 41	9 36	12 0	3 55	3 50	20 4	17 25	4 29
F 6	6 30	25 22	4 20	11 34	3 3	2 20	1 25	22 13	2 43	11 5	1 30	22 2	0 45	1 13	0 47	19 34	1 41	9 36	12 0	3 55	3 48	20 7	17 26	4 29
S 7	6 53	27 37	4 52	11 11	2 55	2 49	1 25	22 7	2 41	11 3	1 30	22 2	0 45	1 14	0 47	19 34	1 41	9 37	12 0	3 54	3 47	20 10	17 26	4 29
S 8	7 15	28 36	5 11	10 46	2 45	3 19	1 24	22 1	2 39	11 0	1 30	22 2	0 45	1 14	0 47	19 33	1 41	9 37	12 0	3 54	3 46	20 12	17 27	4 28
M 9	7 38	28 14	5 17	10 18	2 34	3 49	1 23	21 55	2 38	10 58	1 30	22 2	0 45	1 15	0 47	19 33	1 41	9 38	11 59	3 54	3 45	20 15	17 28	4 28
T 10	8 0	26 27	5 8	9 49	2 21	4 18	1 22	21 49	2 36	10 55	1 30	22 1	0 45	1 16	0 47	19 33	1 41	9 38	11 59	3 54	3 44	20 17	17 28	4 28
W11	8 22	23 18	4 44	9 18	2 7	4 48	1 22	21 43	2 34	10 53	1 30	22 1	0 45	1 17	0 47	19 33	1 41	9 38	11 59	3 54	3 42	20 20	17 29	4 28
T 12	8 44	18 53	4 5	8 47	1 53	5 17	1 21	21 37	2 33	10 50	1 30	22 1	0 45	1 18	0 47	19 33	1 41	9 39	11 59	3 54	3 41	20 22	17 30	4 28
F 13	9 6	13 24	3 11	8 15	1 37	5 46	1 20	21 31	2 31	10 48	1 30	22 1	0 45	1 19	0 47	19 32	1 41	9 39	11 58	3 55	3 40	20 25	17 30	4 28
S 14	9 28	7 3	2 4	7 44	1 21	6 15	1 19	21 24	2 29	10 45	1 30	22 1	0 45	1 20	0 47	19 32	1 41	9 39	11 58	3 55	3 39	20 27	17 31	4 28
S 15	9 49	0 10	0 47	7 13	1 5	6 44	1 18	21 18	2 28	10 42	1 30	22 1	0 45	1 21	0 47	19 32	1 41	9 40	11 58	3 55	3 37	20 30	17 32	4 27
M16	10 11	6s55	0s35	6 44	0 48	7 13	1 17	21 11	2 26	10 40	1 30	22 1	0 45	1 22	0 47	19 32	1 41	9 40	11 58	3 55	3 36	20 32	17 32	4 27
T 17	10 32	13 43	1 55	6 16	0 31	7 42	1 15	21 4	2 24	10 37	1 30	22 1	0 45	1 23	0 47	19 31	1 41	9 40	11 58	3 55	3 35	20 35	17 33	4 27
W18	10 53	19 45	3 8	5 50	0 15	8 10	1 14	20 57	2 23	10 35	1 30	22 1	0 45	1 23	0 47	19 31	1 41	9 41	11 57	3 54	3 34	20 37	17 34	4 27
T 19	11 13	24 30	4 8	5 26	0s 1	8 38	1 13	20 50	2 21	10 32	1 30	22 1	0 45	1 24	0 47	19 31	1 41	9 41	11 57	3 53	3 32	20 40	17 34	4 27
F 20	11 34	27 32	4 49	5 5	0 17	9 6	1 12	20 43	2 20	10 29	1 30	22 1	0 45	1 25	0 47	19 31	1 41	9 42	11 57	3 52	3 31	20 42	17 35	4 27
S 21	11 55	28 37	5 11	4 45	0 33	9 34	1 10	20 36	2 18	10 27	1 30	22 1	0 45	1 26	0 47	19 30	1 41	9 42	11 57	3 51	3 30	20 45	17 36	4 27
S 22	12 15	27 45	5 14	4 28	0 48	10 2	1 9	20 29	2 17	10 24	1 30	22 1	0 45	1 27	0 47	19 30	1 41	9 42	11 57	3 51	3 29	20 47	17 36	4 27
M23	12 35	25 13	4 58	4 14	1 2	10 29	1 7	20 21	2 15	10 21	1 30	22 1	0 45	1 27	0 47	19 30	1 41	9 43	11 57	3 50	3 27	20 50	17 37	4 26
T 24	12 55	21 22	4 26	4 3	1 15	10 57	1 6	20 14	2 14	10 19	1 30	22 1	0 45	1 28	0 47	19 30	1 41	9 43	11 56	3 50	3 26	20 52	17 38	4 26
W25	13 14	16 35	3 41	3 54	1 28	11 24	1 4	20 6	2 12	10 16	1 30	22 1	0 45	1 29	0 47	19 29	1 41	9 43	11 56	3 51	3 25	20 55	17 38	4 26
T 26	13 34	11 12	2 47	3 47	1 40	11 50	1 3	19 59	2 11	10 14	1 30	22 1	0 45	1 30	0 47	19 29	1 41	9 44	11 56	3 52	3 24	20 57	17 39	4 26
F 27	13 53	5 29	1 45	3 43	1 51	12 17	1 1	19 51	2 9	10 11	1 30	22 1	0 45	1 30	0 47	19 29	1 41	9 44	11 56	3 52	3 22	21 0	17 40	4 26
S 28	14 12	0n20	0 41	3 42	2 2	12 43	0 59	19 43	2 8	10 8	1 30	22 1	0 45	1 31	0 47	19 29	1 41	9 44	11 56	3 53	3 21	21 2	17 40	4 26
S 29	14 31	6 4	0n25	3 43	2 11	13 9	0 57	19 35	2 6	10 6	1 30	22 1	0 45	1 32	0 47	19 28	1 41	9 45	11 56	3 53	3 20	21 5	17 41	4 26
M30	14n49	11n33	1n29	3n47	2s20	13n34	0s56	19n27	2n 5	10s 3	1n29	22s 1	0n45	1n32	0n47	19s28	1n42	9n45	11s55	3n52	3n18	21n 7	17n42	4s26

Julian Day Number = 2501308.5, Delta T = 112.71 sec
Ecliptic obliquity = 23°25'27, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°38'39, Lahiri = 25°45'39

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ASTRODIENST EPHEMERIS for the year 2136
geocentric

MAY 2136 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 37 10	11♉ 1'07	8♉11	15♈39	10♉ 6	11♌29	29°R50	13°R14	27°R54	5°R 3	7♊21	9°R44	8♈18	20♉23	11♊ 6	T 1
W 2	14 41 7	11°59'26	20° 1	16°17	11°20	11°55	29♎43	13♏13	27♍52	5♐ 2	7°23	9♈39	8°14	20°30	11°11	W 2
T 3	14 45 3	12°57'43	1♊50	16°59	12°34	12°20	29°36	13°12	27°51	5° 0	7°24	9°34	8°11	20°37	11°15	T 3
F 4	14 49 0	13°55'58	13°42	17°44	13°48	12°46	29°28	13°11	27°49	4°59	7°25	9°28	8° 8	20°43	11°20	F 4
S 5	14 52 56	14°54'11	25°38	18°33	15° 3	13°11	29°21	13°10	27°48	4°57	7°26	9°21	8° 5	20°50	11°24	S 5
S 6	14 56 53	15°52'23	7♋41	19°25	16°17	13°38	29°14	13° 9	27°46	4°56	7°28	9°15	8° 2	20°57	11°28	S 6
M 7	15 0 49	16°50'32	19°53	20°21	17°31	14° 4	29° 7	13° 7	27°45	4°54	7°29	9°11	7°59	21° 3	11°33	M 7
T 8	15 4 46	17°48'40	2♌19	21°20	18°45	14°30	29° 0	13° 6	27°43	4°53	7°30	9° 8	7°55	21°10	11°38	T 8
W 9	15 8 43	18°46'46	15° 1	22°21	19°59	14°57	28°53	13° 4	27°42	4°51	7°31	9°D 7	7°52	21°17	11°42	W 9
T 10	15 12 39	19°44'50	28° 4	23°25	21°12	15°24	28°46	13° 3	27°41	4°50	7°33	9° 7	7°49	21°23	11°47	T 10
F 11	15 16 36	20°42'51	11♍30	24°33	22°26	15°51	28°39	13° 1	27°39	4°48	7°34	9° 8	7°46	21°30	11°51	F 11
S 12	15 20 32	21°40'51	25°22	25°42	23°40	16°19	28°33	12°59	27°38	4°47	7°35	9° 9	7°43	21°37	11°56	S 12
S 13	15 24 29	22°38'49	9♎41	26°55	24°54	16°46	28°26	12°57	27°37	4°45	7°37	9°R10	7°40	21°44	12° 0	S 13
M14	15 28 25	23°36'45	24°25	28°10	26° 8	17°14	28°20	12°55	27°36	4°43	7°38	9° 9	7°36	21°50	12° 5	M14
T 15	15 32 22	24°34'40	9♏28	29°27	27°22	17°42	28°14	12°53	27°35	4°42	7°39	9° 6	7°33	21°57	12°10	T 15
W16	15 36 18	25°32'33	24°44	0♑47	28°36	18°10	28° 8	12°51	27°34	4°40	7°41	9° 1	7°30	22° 4	12°15	W16
T 17	15 40 15	26°30'24	10♐ 0	2° 9	29°50	18°38	28° 2	12°48	27°33	4°39	7°42	8°55	7°27	22°10	12°19	T 17
F 18	15 44 12	27°28'15	25° 7	3°34	1♒ 4	19° 7	27°56	12°46	27°32	4°37	7°43	8°48	7°24	22°17	12°24	F 18
S 19	15 48 8	28°26'03	9♑56	5° 1	2°18	19°35	27°50	12°44	27°31	4°35	7°45	8°41	7°20	22°24	12°29	S 19
S 20	15 52 5	29°23'51	24°19	6°30	3°31	20° 4	27°44	12°41	27°30	4°34	7°46	8°35	7°17	22°30	12°33	S 20
M21	15 56 1	0♒21'38	8♒12	8° 1	4°45	20°33	27°39	12°38	27°30	4°32	7°47	8°31	7°14	22°37	12°38	M21
T 22	15 59 58	1°19'23	21°37	9°35	5°59	21° 2	27°33	12°36	27°29	4°31	7°49	8°29	7°11	22°44	12°43	T 22
W23	16 3 54	2°17'07	4♓35	11°11	7°13	21°31	27°28	12°33	27°28	4°29	7°50	8°D28	7° 8	22°50	12°48	W23
T 24	16 7 51	3°14'50	17°10	12°49	8°27	22° 1	27°23	12°30	27°28	4°27	7°51	8°29	7° 5	22°57	12°53	T 24
F 25	16 11 47	4°12'32	29°27	14°30	9°40	22°30	27°18	12°27	27°27	4°26	7°53	8°30	7° 1	23° 4	12°57	F 25
S 26	16 15 44	5°10'13	11♈31	16°12	10°54	23° 0	27°13	12°24	27°27	4°24	7°54	8°R30	6°58	23°10	13° 2	S 26
S 27	16 19 41	6° 7'53	23°26	17°57	12° 8	23°30	27° 8	12°21	27°26	4°22	7°56	8°29	6°55	23°17	13° 7	S 27
M28	16 23 37	7° 5'32	5♉15	19°44	13°22	24° 0	27° 4	12°18	27°26	4°21	7°57	8°25	6°52	23°24	13°12	M28
T 29	16 27 34	8° 3'10	17° 4	21°33	14°36	24°30	26°59	12°15	27°25	4°19	7°58	8°19	6°49	23°31	13°17	T 29
W30	16 31 30	9° 0'47	28°53	23°25	15°49	25° 1	26°55	12°12	27°25	4°18	8° 0	8°11	6°46	23°37	13°22	W30
T 31	16 35 27	9♊58'22	10♊46	25♉19	17♊ 3	25♌31	26♎51	12♏ 8	27♍25	4♐16	8♊ 1	8♈ 1	6♈42	23♉44	13♊27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 7	16n35	2n29	3n52	2s28	13n59	0s54	19n18	2n 4	10s 1	1n29	22s 1	0n45	1n33	0n47	19s28	1n42	9n45	11s55	3n51	3n17	21n10	17n42	4s26
W 2	15 25	20 59	3 22	4 0	2 36	14 24	0 52	19 10	2 2	9 58	1 29	22 1	0 45	1 34	0 47	19 27	1 42	9 46	11 55	3 49	3 16	21 12	17 43	4 26
T 3	15 43	24 32	4 6	4 10	2 42	14 49	0 50	19 1	2 1	9 56	1 29	22 1	0 45	1 34	0 47	19 27	1 42	9 46	11 55	3 47	3 15	21 15	17 44	4 26
F 4	16 1	27 4	4 40	4 22	2 48	15 13	0 48	18 53	2 0	9 53	1 29	22 2	0 45	1 35	0 47	19 27	1 42	9 46	11 55	3 45	3 13	21 17	17 44	4 26
S 5	16 18	28 23	5 2	4 36	2 53	15 36	0 46	18 44	1 58	9 51	1 29	22 2	0 45	1 35	0 47	19 27	1 42	9 47	11 55	3 42	3 12	21 19	17 45	4 26
S 6	16 35	28 22	5 11	4 52	2 57	16 0	0 44	18 35	1 57	9 49	1 29	22 2	0 45	1 36	0 47	19 26	1 42	9 47	11 55	3 40	3 11	21 22	17 46	4 25
M 7	16 51	26 59	5 5	5 9	3 1	16 23	0 42	18 26	1 56	9 46	1 29	22 2	0 45	1 36	0 47	19 26	1 42	9 47	11 54	3 38	3 10	21 24	17 46	4 25
T 8	17 8	24 16	4 46	5 29	3 3	16 45	0 40	18 17	1 54	9 44	1 28	22 2	0 45	1 37	0 46	19 26	1 42	9 48	11 54	3 37	3 8	21 27	17 47	4 25
W 9	17 24	20 20	4 12	5 50	3 5	17 7	0 38	18 8	1 53	9 42	1 28	22 2	0 45	1 37	0 46	19 25	1 42	9 48	11 54	3 37	3 7	21 29	17 47	4 25
T 10	17 40	15 20	3 24	6 12	3 7	17 29	0 36	17 59	1 52	9 39	1 28	22 2	0 45	1 38	0 46	19 25	1 42	9 48	11 54	3 37	3 6	21 31	17 48	4 25
F 11	17 55	9 28	2 24	6 36	3 8	17 50	0 33	17 50	1 50	9 37	1 28	22 3	0 45	1 38	0 46	19 25	1 42	9 48	11 54	3 37	3 5	21 34	17 49	4 25
S 12	18 10	2 58	1 14	7 1	3 8	18 11	0 31	17 40	1 49	9 35	1 28	22 3	0 45	1 39	0 46	19 25	1 42	9 49	11 54	3 38	3 3	21 36	17 49	4 25
S 13	18 25	3s53	0s 3	7 27	3 7	18 31	0 29	17 31	1 48	9 33	1 28	22 3	0 45	1 39	0 46	19 24	1 42	9 49	11 54	3 38	3 2	21 39	17 50	4 25
M14	18 40	10 43	1 22	7 55	3 6	18 51	0 27	17 21	1 47	9 31	1 28	22 3	0 45	1 40	0 46	19 24	1 42	9 49	11 54	3 38	3 1	21 41	17 51	4 25
T 15	18 54	17 7	2 36	8 24	3 4	19 10	0 24	17 12	1 45	9 29	1 27	22 4	0 45	1 40	0 46	19 24	1 42	9 50	11 54	3 36	3 0	21 43	17 51	4 25
W16	19 8	22 30	3 41	8 54	3 1	19 29	0 22	17 2	1 44	9 27	1 27	22 4	0 45	1 40	0 46	19 23	1 42	9 50	11 54	3 35	2 58	21 46	17 52	4 25
T 17	19 22	26 23	4 30	9 25	2 58	19 47	0 20	16 52	1 43	9 25	1 27	22 4	0 45	1 41	0 46	19 23	1 42	9 50	11 53	3 32	2 57	21 48	17 52	4 25
F 18	19 35	28 19	4 59	9 57	2 55	20 4	0 17	16 42	1 42	9 23	1 27	22 4	0 45	1 41	0 46	19 23	1 42	9 51	11 53	3 29	2 56	21 50	17 53	4 25
S 19	19 48	28 10	5 7	10 30	2 51	20 22	0 15	16 32	1 41	9 21	1 27	22 4	0 45	1 41	0 46	19 23	1 42	9 51	11 53	3 26	2 55	21 53	17 54	4 25
S 20	20 1	26 6	4 56	11 4	2 46	20 38	0 13	16 21	1 39	9 19	1 26	22 5	0 45	1 42	0 46	19 22	1 42	9 51	11 53	3 24	2 53	21 55	17 54	4 25
M21	20 13	22 30	4 27	11 38	2 40	20 54	0 10	16 11	1 38	9 17	1 26	22 5	0 45	1 42	0 46	19 22	1 42	9 51	11 53	3 22	2 52	21 57	17 55	4 25
T 22	20 25	17 50	3 45	12 14	2 35	21 10	0 8	16 1	1 37	9 15	1 26	22 5	0 45	1 42	0 46	19 22	1 42	9 52	11 53	3 22	2 51	22 0	17 55	4 25
W23	20 36	12 29	2 52	12 49	2 28	21 25	0 6	15 50	1 36	9 14	1 26	22 6	0 45	1 42	0 46	19 21	1 42	9 52	11 53	3 21	2 50	22 2	17 56	4 25
T 24	20 48	6 47	1 52	13 26	2 21	21 39	0 3	15 39	1 35	9 12	1 26	22 6	0 45	1 43	0 46	19 21	1 42	9 52	11 53	3 22	2 48	22 4	17 56	4 25
F 25	20 58	0 57	0 48	14 2	2 14	21 52	0 1	15 29	1 34	9 11	1 25	22 6	0 44	1 43	0 46	19 21	1 42	9 52	11 53	3 22	2 47	22 7	17 57	4 25
S 26	21 9	4n48	0n16	14 39	2 6	22 5	0n 2	15 18	1 33	9 9	1 25	22 6	0 44	1 43	0 46	19 21	1 42	9 53	11 53	3 22	2 46	22 9	17 58	4 25
S 27	21 19	10 19	1 19	15 17	1 58	22 18	0 4	15 7	1 31	9 8	1 25	22 7	0 44	1 43	0 46	19 20	1 42	9 53	11 53	3 22	2 45	22 11	17 58	4 25
M28	21 29	15 26	2 18	15 54	1 49	22 30	0 6	14 56	1 30	9 6	1 25	22 7	0 44	1 43	0 46	19 20	1 42	9 53	11 53	3 20	2 43	22 14	17 59	4 25
T 29	21 38	19 58	3 11	16 32	1 40	22 41	0 9	14 45	1 29	9 5	1 25	22 7	0 44	1 43	0 46	19 20	1 42	9 53	11 53	3 18	2 42	22 16	17 59	4 26
W30	21 47	23 43	3 55	17 9	1 31	22 51	0 11	14 34	1 28	9 3	1 24	22 8	0 44	1 43	0 46	19 19	1 42	9 54	11 53	3 15	2 41	22 18	18 0	4 26
T 31	21n56	26n30	4n30	17n46	1s21	23n 1	0n14	14n22	1n27	9s 2	1n24	22s 8	0n44	1n43	0n46	19s19	1n42	9n54	11s53	3n11	2n40	22n21	18n 0	4s26

Julian Day Number = 2501338.5, Delta T = 112.76 sec
Ecliptic obliquity = 23°25'27, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°38'43, Lahiri = 25°45'43

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ASTRODIENST EPHEMERIS for the year 2136
geocentric

JUNE 2136 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 39 23	10♊55'57	22♊43	27♉14	18♊17	26♌ 2	26°R47	12°R 5	27°R25	4°R14	8♊ 2	7°R49	6♈39	23♉51	13♊31	F 1
S 2	16 43 20	11°53'30	4♋46	29°12	19°31	26°32	26♎44	12♏ 1	27♍25	4♐13	8° 4	7♈37	6°36	23°57	13°36	S 2
S 3	16 47 16	12°51'03	16°58	1♊12	20°44	27° 3	26°40	11°58	27°24	4°11	8° 5	7°26	6°33	24° 4	13°41	S 3
M 4	16 51 13	13°48'34	29°18	3°14	21°58	27°34	26°37	11°54	27°D24	4°10	8° 6	7°17	6°30	24°11	13°46	M 4
T 5	16 55 10	14°46'04	11♌49	5°18	23°12	28° 6	26°33	11°51	27°24	4° 8	8° 8	7°10	6°26	24°17	13°51	T 5
W 6	16 59 6	15°43'32	24°34	7°23	24°25	28°37	26°30	11°47	27°24	4° 6	8° 9	7° 6	6°23	24°24	13°56	W 6
T 7	17 3 3	16°41'00	7♍36	9°30	25°39	29° 8	26°28	11°43	27°25	4° 5	8°11	7° 4	6°20	24°31	14° 1	T 7
F 8	17 6 59	17°38'26	20°57	11°39	26°53	29°40	26°25	11°39	27°25	4° 3	8°12	7°D 4	6°17	24°37	14° 6	F 8
S 9	17 10 56	18°35'51	4♎40	13°49	28° 6	0♍12	26°22	11°36	27°25	4° 2	8°13	7°R 4	6°14	24°44	14°10	S 9
S 10	17 14 52	19°33'14	18°47	15°59	29°20	0°43	26°20	11°32	27°25	4° 0	8°15	7° 4	6°11	24°51	14°15	S 10
M11	17 18 49	20°30'37	3♏17	18°11	0♋34	1°15	26°18	11°28	27°26	3°59	8°16	7° 2	6° 7	24°57	14°20	M11
T 12	17 22 45	21°27'58	18° 7	20°23	1°47	1°47	26°16	11°24	27°26	3°57	8°17	6°57	6° 4	25° 4	14°25	T 12
W13	17 26 42	22°25'19	3♐12	22°35	3° 1	2°20	26°14	11°20	27°27	3°55	8°19	6°50	6° 1	25°11	14°30	W13
T 14	17 30 39	23°22'39	18°22	24°47	4°15	2°52	26°12	11°16	27°27	3°54	8°20	6°41	5°58	25°18	14°35	T 14
F 15	17 34 35	24°19'58	3♑27	26°58	5°28	3°24	26°11	11°12	27°28	3°52	8°21	6°30	5°55	25°24	14°40	F 15
S 16	17 38 32	25°17'17	18°18	29° 9	6°42	3°57	26°10	11° 8	27°28	3°51	8°23	6°20	5°52	25°31	14°44	S 16
S 17	17 42 28	26°14'35	2♒45	1♋20	7°55	4°29	26° 9	11° 3	27°29	3°50	8°24	6°11	5°48	25°38	14°49	S 17
M18	17 46 25	27°11'52	16°45	3°29	9° 9	5° 2	26° 8	10°59	27°30	3°48	8°25	6° 3	5°45	25°44	14°54	M18
T 19	17 50 21	28° 9'09	0♓15	5°37	10°22	5°35	26° 7	10°55	27°30	3°47	8°26	5°59	5°42	25°51	14°59	T 19
W20	17 54 18	29° 6'26	13°17	7°43	11°36	6° 8	26° 6	10°51	27°31	3°45	8°28	5°56	5°39	25°58	15° 4	W20
T 21	17 58 15	0♋ 3'42	25°54	9°48	12°50	6°41	26° 6	10°46	27°32	3°44	8°29	5°56	5°36	26° 4	15° 9	T 21
F 22	18 2 11	1° 0'59	8♈12	11°51	14° 3	7°14	26° 6	10°42	27°33	3°42	8°30	5°56	5°32	26°11	15°13	F 22
S 23	18 6 8	1°58'14	20°14	13°52	15°17	7°47	26°D 6	10°38	27°34	3°41	8°32	5°55	5°29	26°18	15°18	S 23
S 24	18 10 4	2°55'30	2♉ 8	15°51	16°30	8°20	26° 6	10°33	27°35	3°40	8°33	5°53	5°26	26°24	15°23	S 24
M25	18 14 1	3°52'46	13°57	17°48	17°44	8°54	26° 6	10°29	27°36	3°38	8°34	5°49	5°23	26°31	15°28	M25
T 26	18 17 57	4°50'01	25°46	19°43	18°57	9°27	26° 7	10°25	27°37	3°37	8°35	5°42	5°20	26°38	15°32	T 26
W27	18 21 54	5°47'17	7♊38	21°36	20°11	10° 1	26° 7	10°20	27°38	3°36	8°37	5°32	5°17	26°45	15°37	W27
T 28	18 25 50	6°44'32	19°36	23°27	21°24	10°35	26° 8	10°16	27°40	3°34	8°38	5°20	5°13	26°51	15°42	T 28
F 29	18 29 47	7°41'47	1♋41	25°15	22°38	11° 9	26° 9	10°11	27°41	3°33	8°39	5° 7	5°10	26°58	15°46	F 29
S 30	18 33 44	8♋39'02	13♋56	27♋ 2	23♋51	11♍43	26♎11	10♏ 7	27♍42	3♐32	8♊40	4♈53	5♈ 7	27♉ 5	15♊51	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 4	28n 5	4n52	18n23	1s11	23n10	0n16	14n11	1n26	9s 1	1n24	22s 8	0n44	1n43	0n45	19s19	1n42	9n54	11s53	3n 6	2n38	22n23	18n 1	4s26
S 2	22 12	28 22	5 2	18 59	1 1	23 19	0 18	13 59	1 25	9 0	1 24	22 9	0 44	1 44	0 45	19 18	1 42	9 54	11 53	3 1	2 37	22 25	18 1	4 26
S 3	22 19	27 17	4 59	19 34	0 50	23 27	0 21	13 48	1 24	8 59	1 23	22 9	0 44	1 44	0 45	19 18	1 42	9 54	11 53	2 57	2 36	22 27	18 2	4 26
M 4	22 27	24 52	4 41	20 8	0 40	23 34	0 23	13 36	1 23	8 58	1 23	22 10	0 44	1 43	0 45	19 18	1 42	9 55	11 53	2 53	2 35	22 30	18 2	4 26
T 5	22 33	21 14	4 10	20 42	0 29	23 40	0 25	13 24	1 22	8 57	1 23	22 10	0 44	1 43	0 45	19 18	1 42	9 55	11 53	2 51	2 33	22 32	18 3	4 26
W 6	22 40	16 33	3 25	21 14	0 18	23 46	0 28	13 12	1 21	8 56	1 23	22 10	0 44	1 43	0 45	19 17	1 42	9 55	11 53	2 49	2 32	22 34	18 3	4 26
T 7	22 45	11 2	2 30	21 45	0 7	23 51	0 30	13 0	1 20	8 55	1 22	22 11	0 44	1 43	0 45	19 17	1 42	9 55	11 53	2 48	2 31	22 36	18 4	4 26
F 8	22 51	4 53	1 25	22 13	0n 3	23 56	0 32	12 48	1 19	8 55	1 22	22 11	0 44	1 43	0 45	19 17	1 42	9 56	11 53	2 48	2 30	22 39	18 4	4 26
S 9	22 56	1s40	0 13	22 41	0 14	23 59	0 35	12 36	1 18	8 54	1 22	22 11	0 44	1 43	0 45	19 17	1 42	9 56	11 53	2 48	2 28	22 41	18 5	4 26
S 10	23 1	8 18	1s 2	23 6	0 24	24 2	0 37	12 24	1 16	8 53	1 22	22 12	0 44	1 43	0 45	19 16	1 42	9 56	11 53	2 48	2 27	22 43	18 5	4 26
M11	23 5	14 42	2 14	23 28	0 35	24 5	0 39	12 12	1 15	8 53	1 21	22 12	0 44	1 43	0 45	19 16	1 42	9 56	11 53	2 47	2 26	22 45	18 5	4 27
T 12	23 9	20 24	3 19	23 49	0 44	24 6	0 41	11 59	1 14	8 52	1 21	22 13	0 44	1 42	0 45	19 16	1 42	9 56	11 53	2 45	2 25	22 47	18 6	4 27
W13	23 12	24 53	4 11	24 6	0 54	24 7	0 44	11 47	1 13	8 52	1 21	22 13	0 44	1 42	0 45	19 15	1 42	9 56	11 53	2 43	2 23	22 50	18 6	4 27
T 14	23 15	27 40	4 46	24 22	1 2	24 7	0 46	11 34	1 12	8 52	1 21	22 13	0 44	1 42	0 45	19 15	1 41	9 57	11 53	2 39	2 22	22 52	18 7	4 27
F 15	23 18	28 23	5 1	24 34	1 11	24 6	0 48	11 22	1 12	8 51	1 20	22 14	0 44	1 42	0 45	19 15	1 41	9 57	11 53	2 35	2 21	22 54	18 7	4 27
S 16	23 20	27 2	4 55	24 44	1 18	24 5	0 50	11 9	1 11	8 51	1 20	22 14	0 43	1 41	0 45	19 15	1 41	9 57	11 53	2 31	2 20	22 56	18 8	4 27
S 17	23 22	23 54	4 30	24 51	1 25	24 3	0 52	10 56	1 10	8 51	1 20	22 15	0 43	1 41	0 45	19 14	1 41	9 57	11 53	2 27	2 18	22 58	18 8	4 27
M18	23 24	19 27	3 49	24 55	1 32	24 0	0 54	10 43	1 9	8 51	1 19	22 15	0 43	1 41	0 45	19 14	1 41	9 57	11 53	2 24	2 17	23 1	18 8	4 28
T 19	23 25	14 8	2 57	24 56	1 38	23 57	0 56	10 30	1 8	8 51	1 19	22 15	0 43	1 41	0 45	19 14	1 41	9 57	11 53	2 22	2 16	23 3	18 9	4 28
W20	23 25	8 22	1 57	24 54	1 42	23 53	0 58	10 17	1 7	8 51	1 19	22 16	0 43	1 40	0 45	19 14	1 41	9 57	11 53	2 21	2 15	23 5	18 9	4 28
T 21	23 25	2 26	0 53	24 50	1 47	23 48	1 0	10 4	1 6	8 51	1 19	22 16	0 43	1 40	0 45	19 14	1 41	9 58	11 53	2 21	2 13	23 7	18 9	4 28
F 22	23 25	3n26	0n12	24 44	1 50	23 42	1 2	9 51	1 5	8 51	1 18	22 17	0 43	1 39	0 45	19 13	1 41	9 58	11 53	2 21	2 12	23 9	18 10	4 28
S 23	23 25	9 4	1 15	24 34	1 53	23 36	1 4	9 38	1 4	8 51	1 18	22 17	0 43	1 39	0 45	19 13	1 41	9 58	11 53	2 21	2 11	23 11	18 10	4 28
S 24	23 23	14 18	2 14	24 23	1 55	23 29	1 5	9 25	1 3	8 52	1 18	22 17	0 43	1 38	0 44	19 13	1 41	9 58	11 53	2 20	2 9	23 14	18 10	4 28
M25	23 22	18 59	3 6	24 9	1 56	23 22	1 7	9 11	1 2	8 52	1 18	22 18	0 43	1 38	0 44	19 13	1 41	9 58	11 53	2 19	2 8	23 16	18 11	4 29
T 26	23 20	22 55	3 51	23 54	1 57	23 13	1 9	8 58	1 1	8 52	1 17	22 18	0 43	1 38	0 44	19 12	1 41	9 58	11 53	2 16	2 7	23 18	18 11	4 29
W27	23 18	25 56	4 25	23 36	1 56	23 4	1 10	8 44	1 0	8 53	1 17	22 19	0 43	1 37	0 44	19 12	1 41	9 58	11 53	2 12	2 6	23 20	18 11	4 29
T 28	23 15	27 49	4 49	23 17	1 55	22 55	1 12	8 31	0 59	8 54	1 17	22 19	0 43	1 36	0 44	19 12	1 41	9 58	11 53	2 7	2 4	23 22	18 12	4 29
F 29	23 12	28 24	4 59	22 56	1 54	22 44	1 14	8 17	0 58	8 54	1 17	22 20	0 43	1 36	0 44	19 12	1 41	9 59	11 54	2 2	2 3	23 24	18 12	4 29
S 30	23n 9	27n36	4n56	22n34	1n51	22n33	1n15	8n 3	0n57	8s55	1n16	22s20	0n42	1n35	0n44	19s12	1n41	9n59	11s54	1n57	2n 2	23n26	18n12	4s30

Julian Day Number = 2501369.5, Delta T = 112.82 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°38'47, Lahiri = 25°45'47

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ASTRODIENST EPHEMERIS for the year 2136
geocentric

JULY 2136 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 40	9♋36'16	26♋20	28♋46	25♋ 5	12♍17	26♎12	10°R 3	27♍44	3°R30	8♊41	4°R41	5♈ 4	27♉11	15♊56	S 1
M 2	18 41 37	10°33'30	8♌54	0♌28	26°18	12°51	26°14	9♑58	27°45	3♐29	8°43	4♈30	5° 1	27°18	16° 0	M 2
T 3	18 45 33	11°30'44	21°39	2° 8	27°32	13°25	26°15	9°54	27°46	3°28	8°44	4°22	4°58	27°25	16° 5	T 3
W 4	18 49 30	12°27'58	4♍36	3°45	28°45	13°59	26°17	9°49	27°48	3°27	8°45	4°17	4°54	27°31	16° 9	W 4
T 5	18 53 26	13°25'11	17°46	5°21	29°59	14°34	26°19	9°45	27°50	3°26	8°46	4°14	4°51	27°38	16°14	T 5
F 6	18 57 23	14°22'24	1♎10	6°54	1♌12	15° 8	26°22	9°41	27°51	3°25	8°47	4°D13	4°48	27°45	16°18	F 6
S 7	19 1 19	15°19'36	14°51	8°25	2°25	15°43	26°24	9°36	27°53	3°23	8°48	4°R13	4°45	27°51	16°23	S 7
S 8	19 5 16	16°16'48	28°49	9°54	3°39	16°17	26°27	9°32	27°55	3°22	8°50	4°13	4°42	27°58	16°27	S 8
M 9	19 9 13	17°14'00	13♏ 6	11°20	4°52	16°52	26°30	9°27	27°56	3°21	8°51	4°11	4°38	28° 5	16°32	M 9
T 10	19 13 9	18°11'12	27°38	12°44	6° 6	17°27	26°33	9°23	27°58	3°20	8°52	4° 7	4°35	28°12	16°36	T 10
W11	19 17 6	19° 8'24	12♐23	14° 6	7°19	18° 2	26°36	9°19	28° 0	3°19	8°53	4° 0	4°32	28°18	16°40	W11
T 12	19 21 2	20° 5'36	27°13	15°25	8°32	18°37	26°39	9°14	28° 2	3°18	8°54	3°51	4°29	28°25	16°45	T 12
F 13	19 24 59	21° 2'47	12♑ 1	16°42	9°46	19°12	26°42	9°10	28° 4	3°17	8°55	3°40	4°26	28°32	16°49	F 13
S 14	19 28 55	21°59'59	26°39	17°57	10°59	19°47	26°46	9° 6	28° 6	3°16	8°56	3°30	4°23	28°38	16°53	S 14
S 15	19 32 52	22°57'11	10♒58	19° 8	12°12	20°23	26°50	9° 2	28° 8	3°15	8°57	3°21	4°19	28°45	16°57	S 15
M16	19 36 49	23°54'24	24°53	20°18	13°26	20°58	26°54	8°57	28°10	3°15	8°58	3°14	4°16	28°52	17° 2	M16
T 17	19 40 45	24°51'37	8♓23	21°24	14°39	21°33	26°58	8°53	28°12	3°14	8°59	3° 9	4°13	28°58	17° 6	T 17
W18	19 44 42	25°48'50	21°26	22°28	15°52	22° 9	27° 2	8°49	28°14	3°13	9° 0	3° 7	4°10	29° 5	17°10	W18
T 19	19 48 38	26°46'04	4♈ 5	23°29	17° 5	22°44	27° 7	8°45	28°17	3°12	9° 1	3°D 6	4° 7	29°12	17°14	T 19
F 20	19 52 35	27°43'18	16°25	24°27	18°19	23°20	27°11	8°41	28°19	3°11	9° 2	3° 6	4° 4	29°19	17°18	F 20
S 21	19 56 31	28°40'33	28°30	25°22	19°32	23°56	27°16	8°37	28°21	3°10	9° 3	3°R 7	4° 0	29°25	17°22	S 21
S 22	20 0 28	29°37'49	10♉25	26°14	20°45	24°32	27°21	8°33	28°24	3°10	9° 4	3° 6	3°57	29°32	17°26	S 22
M23	20 4 24	0♌35'06	22°16	27° 3	21°58	25° 8	27°26	8°29	28°26	3° 9	9° 5	3° 4	3°54	29°39	17°30	M23
T 24	20 8 21	1°32'23	4♊ 7	27°48	23°12	25°44	27°31	8°25	28°28	3° 8	9° 6	2°59	3°51	29°45	17°34	T 24
W25	20 12 18	2°29'42	16° 2	28°29	24°25	26°20	27°37	8°21	28°31	3° 8	9° 7	2°52	3°48	29°52	17°38	W25
T 26	20 16 14	3°27'01	28° 6	29° 7	25°38	26°56	27°42	8°17	28°33	3° 7	9° 8	2°43	3°44	29°59	17°42	T 26
F 27	20 20 11	4°24'21	10♋20	29°41	26°51	27°32	27°48	8°14	28°36	3° 7	9° 8	2°33	3°41	0♊ 5	17°46	F 27
S 28	20 24 7	5°21'41	22°47	0♍11	28° 4	28° 8	27°53	8°10	28°38	3° 6	9° 9	2°23	3°38	0°12	17°49	S 28
S 29	20 28 4	6°19'03	5♌26	0°36	29°17	28°45	27°59	8° 6	28°41	3° 5	9°10	2°13	3°35	0°19	17°53	S 29
M30	20 32 0	7°16'25	18°19	0°57	0♍31	29°21	28° 6	8° 3	28°44	3° 5	9°11	2° 5	3°32	0°26	17°57	M30
T 31	20 35 57	8♌13'47	1♍23	1♍14	1♍44	29♍58	28♎12	7♑59	28♍46	3♐ 5	9♊12	1♈59	3♈29	0♊32	18♊ 0	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 5	25n26	4n39	22n10	1n49	22n22	1n17	7n49	0n57	8s56	1n16	22s20	0n42	1n35	0n44	19s11	1n41	9n59	11s54	1n52	2n 1	23n28	18n13	4s30
M 2	23 0	22 0	4 8	21 45	1 45	22 9	1 18	7 35	0 56	8 56	1 16	22 21	0 42	1 34	0 44	19 11	1 41	9 59	11 54	1 47	1 59	23 30	18 13	4 30
T 3	22 56	17 30	3 25	21 19	1 41	21 56	1 19	7 21	0 55	8 57	1 15	22 21	0 42	1 34	0 44	19 11	1 41	9 59	11 54	1 44	1 58	23 33	18 13	4 30
W 4	22 50	12 8	2 30	20 51	1 36	21 43	1 21	7 7	0 54	8 58	1 15	22 22	0 42	1 33	0 44	19 11	1 41	9 59	11 54	1 42	1 57	23 35	18 13	4 30
T 5	22 45	6 9	1 26	20 23	1 31	21 29	1 22	6 53	0 53	8 59	1 15	22 22	0 42	1 32	0 44	19 11	1 41	9 59	11 54	1 41	1 56	23 37	18 13	4 31
F 6	22 39	0s13	0 16	19 54	1 25	21 14	1 23	6 39	0 52	9 0	1 15	22 22	0 42	1 32	0 44	19 10	1 41	9 59	11 54	1 41	1 54	23 39	18 14	4 31
S 7	22 33	6 42	0s56	19 24	1 18	20 58	1 24	6 25	0 51	9 2	1 14	22 23	0 42	1 31	0 44	19 10	1 41	9 59	11 54	1 41	1 53	23 41	18 14	4 31
S 8	22 26	13 1	2 6	18 54	1 11	20 42	1 25	6 11	0 50	9 3	1 14	22 23	0 42	1 30	0 44	19 10	1 41	9 59	11 54	1 40	1 52	23 43	18 14	4 31
M 9	22 19	18 47	3 10	18 23	1 4	20 26	1 26	5 56	0 49	9 4	1 14	22 24	0 42	1 29	0 44	19 10	1 41	9 59	11 55	1 40	1 51	23 45	18 14	4 32
T 10	22 11	23 34	4 3	17 52	0 56	20 9	1 27	5 42	0 49	9 5	1 14	22 24	0 42	1 29	0 44	19 10	1 41	9 59	11 55	1 38	1 49	23 47	18 14	4 32
W11	22 4	26 54	4 41	17 21	0 47	19 51	1 28	5 28	0 48	9 7	1 13	22 24	0 41	1 28	0 44	19 10	1 41	9 59	11 55	1 35	1 48	23 49	18 15	4 32
T 12	21 55	28 23	4 59	16 49	0 38	19 33	1 29	5 13	0 47	9 8	1 13	22 25	0 41	1 27	0 44	19 10	1 41	9 59	11 55	1 32	1 47	23 51	18 15	4 32
F 13	21 47	27 50	4 58	16 17	0 29	19 14	1 30	4 59	0 46	9 10	1 13	22 25	0 41	1 26	0 44	19 9	1 40	9 59	11 55	1 28	1 46	23 53	18 15	4 33
S 14	21 38	25 21	4 38	15 45	0 19	18 55	1 30	4 44	0 45	9 11	1 13	22 26	0 41	1 25	0 44	19 9	1 40	9 59	11 55	1 23	1 44	23 55	18 15	4 33
S 15	21 28	21 18	4 0	15 13	0 9	18 35	1 31	4 29	0 44	9 13	1 12	22 26	0 41	1 25	0 44	19 9	1 40	9 59	11 55	1 20	1 43	23 57	18 15	4 33
M16	21 19	16 10	3 8	14 41	0s 1	18 15	1 32	4 15	0 44	9 14	1 12	22 26	0 41	1 24	0 44	19 9	1 40	9 59	11 55	1 17	1 42	23 59	18 15	4 33
T 17	21 9	10 24	2 7	14 10	0 12	17 54	1 32	4 0	0 43	9 16	1 12	22 27	0 41	1 23	0 44	19 9	1 40	9 59	11 56	1 15	1 41	24 1	18 16	4 34
W18	20 58	4 20	1 2	13 39	0 23	17 32	1 32	3 45	0 42	9 18	1 11	22 27	0 41	1 22	0 44	19 9	1 40	9 59	11 56	1 14	1 39	24 3	18 16	4 34
T 19	20 47	1n42	0n 5	13 8	0 35	17 11	1 33	3 30	0 41	9 20	1 11	22 28	0 41	1 21	0 43	19 9	1 40	9 59	11 56	1 14	1 38	24 5	18 16	4 34
F 20	20 36	7 32	1 10	12 38	0 47	16 48	1 33	3 16	0 40	9 22	1 11	22 28	0 41	1 20	0 43	19 9	1 40	9 59	11 56	1 14	1 37	24 7	18 16	4 34
S 21	20 25	12 58	2 11	12 8	0 59	16 26	1 33	3 1	0 39	9 24	1 11	22 28	0 40	1 19	0 43	19 8	1 40	9 59	11 56	1 14	1 35	24 9	18 16	4 35
S 22	20 13	17 52	3 5	11 39	1 11	16 3	1 33	2 46	0 39	9 26	1 10	22 29	0 40	1 18	0 43	19 8	1 40	9 59	11 56	1 14	1 34	24 11	18 16	4 35
M23	20 1	22 2	3 51	11 10	1 24	15 39	1 33	2 31	0 38	9 28	1 10	22 29	0 40	1 17	0 43	19 8	1 40	9 59	11 56	1 13	1 33	24 13	18 16	4 35
T 24	19 48	25 19	4 27	10 43	1 37	15 15	1 33	2 16	0 37	9 30	1 10	22 29	0 40	1 16	0 43	19 8	1 40	9 59	11 57	1 11	1 32	24 15	18 16	4 36
W25	19 35	27 31	4 51	10 17	1 50	14 51	1 33	2 1	0 36	9 32	1 10	22 30	0 40	1 15	0 43	19 8	1 40	9 59	11 57	1 8	1 30	24 17	18 16	4 36
T 26	19 22	28 28	5 3	9 51	2 3	14 26	1 33	1 46	0 35	9 34	1 9	22 30	0 40	1 14	0 43	19 8	1 40	9 59	11 57	1 5	1 29	24 19	18 16	4 36
F 27	19 9	28 2	5 1	9 27	2 16	14 1	1 33	1 31	0 35	9 36	1 9	22 30	0 40	1 13	0 43	19 8	1 40	9 59	11 57	1 1	1 28	24 21	18 16	4 37
S 28	18 55	26 11	4 45	9 5	2 29	13 35	1 33	1 15	0 34	9 39	1 9	22 31	0 40	1 12	0 43	19 8	1 40	9 59	11 57	0 57	1 27	24 23	18 16	4 37
S 29	18 41	23 1	4 15	8 44	2 42	13 9	1 32	1 0	0 33	9 41	1 9	22 31	0 40	1 11	0 43	19 8	1 40	9 59	11 57	0 53	1 25	24 25	18 16	4 37
M30	18 27	18 41	3 32	8 24	2 55	12 43	1 32	0 45	0 32	9 43	1 9	22 31	0 39	1 10	0 43	19 8	1 40	9 59	11 58	0 50	1 24	24 27	18 16	4 38
T 31	18n12	13n24	2n36	8n 6	3s 8	12n17	1n31	0n30	0n31	9s46	1n 8	22s32	0n39	1n 9	0n43	19s 8	1n40	9n59	11s58	0n47	1n23	24n28	18n16	4s38

Julian Day Number = 2501399.5, Delta T = 112.87 sec
Ecliptic obliquity = 23°25'26, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°38'51, Lahiri = 25°45'52

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2136
geocentric

AUGUST 2136 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 39 53	9♌11'11	14♍40	1♍25	2♍57	0♎34	28♎18	7°R56	28♍49	3°R 4	9♊12	1°R55	3♈25	0♊39	18♊ 4	W 1
T 2	20 43 50	10° 8'34	28° 7	1°32	4°10	1°11	28°25	7♏52	28°52	3♐ 4	9°13	1°D54	3°22	0°46	18° 7	T 2
F 3	20 47 47	11° 5'59	11♎46	1°R34	5°23	1°48	28°31	7°49	28°55	3° 3	9°14	1♈54	3°19	0°52	18°11	F 3
S 4	20 51 43	12° 3'24	25°35	1°31	6°36	2°25	28°38	7°46	28°58	3° 3	9°15	1°55	3°16	0°59	18°14	S 4
S 5	20 55 40	13° 0'49	9♏35	1°22	7°49	3° 2	28°45	7°43	29° 0	3° 3	9°15	1°R56	3°13	1° 6	18°18	S 5
M 6	20 59 36	13°58'16	23°44	1° 8	9° 2	3°39	28°52	7°40	29° 3	3° 2	9°16	1°55	3°10	1°12	18°21	M 6
T 7	21 3 33	14°55'43	8♐ 2	0°49	10°15	4°16	28°59	7°36	29° 6	3° 2	9°17	1°53	3° 6	1°19	18°24	T 7
W 8	21 7 29	15°53'10	22°26	0°25	11°28	4°53	29° 7	7°33	29° 9	3° 2	9°17	1°49	3° 3	1°26	18°28	W 8
T 9	21 11 26	16°50'39	6♑52	29♌56	12°41	5°30	29°14	7°31	29°12	3° 2	9°18	1°44	3° 0	1°33	18°31	T 9
F 10	21 15 22	17°48'08	21°14	29°22	13°54	6° 7	29°22	7°28	29°15	3° 2	9°19	1°37	2°57	1°39	18°34	F 10
S 11	21 19 19	18°45'38	5♒27	28°44	15° 7	6°45	29°29	7°25	29°18	3° 1	9°19	1°30	2°54	1°46	18°37	S 11
S 12	21 23 16	19°43'09	19°25	28° 3	16°20	7°22	29°37	7°22	29°22	3° 1	9°20	1°24	2°50	1°53	18°40	S 12
M13	21 27 12	20°40'42	3♓ 5	27°18	17°33	8° 0	29°45	7°20	29°25	3° 1	9°20	1°20	2°47	1°59	18°43	M13
T 14	21 31 9	21°38'15	16°25	26°31	18°45	8°37	29°53	7°17	29°28	3°D 1	9°21	1°17	2°44	2° 6	18°46	T 14
W15	21 35 5	22°35'49	29°23	25°42	19°58	9°15	0♏ 1	7°15	29°31	3° 1	9°21	1°D16	2°41	2°13	18°49	W15
T 16	21 39 2	23°33'25	12♈ 0	24°52	21°11	9°53	0°10	7°12	29°34	3° 1	9°22	1°16	2°38	2°19	18°52	T 16
F 17	21 42 58	24°31'03	24°20	24° 2	22°24	10°30	0°18	7°10	29°37	3° 1	9°22	1°18	2°35	2°26	18°54	F 17
S 18	21 46 55	25°28'41	6♉26	23°13	23°36	11° 8	0°27	7° 8	29°41	3° 1	9°23	1°19	2°31	2°33	18°57	S 18
S 19	21 50 51	26°26'22	18°23	22°27	24°49	11°46	0°35	7° 6	29°44	3° 2	9°23	1°21	2°28	2°40	19° 0	S 19
M20	21 54 48	27°24'04	0♊15	21°43	26° 2	12°24	0°44	7° 4	29°47	3° 2	9°24	1°R21	2°25	2°46	19° 2	M20
T 21	21 58 45	28°21'47	12° 8	21° 4	27°15	13° 2	0°53	7° 2	29°51	3° 2	9°24	1°20	2°22	2°53	19° 5	T 21
W22	22 2 41	29°19'33	24° 6	20°29	28°27	13°40	1° 2	7° 0	29°54	3° 2	9°24	1°18	2°19	3° 0	19° 7	W22
T 23	22 6 38	0♍17'20	6♋13	20° 0	29°40	14°19	1°11	6°58	29°57	3° 2	9°25	1°14	2°16	3° 6	19°10	T 23
F 24	22 10 34	1°15'08	18°33	19°37	0♎52	14°57	1°20	6°56	0♎ 1	3° 3	9°25	1° 9	2°12	3°13	19°12	F 24
S 25	22 14 31	2°12'58	1♌ 9	19°21	2° 5	15°35	1°29	6°55	0° 4	3° 3	9°25	1° 5	2° 9	3°20	19°14	S 25
S 26	22 18 27	3°10'50	14° 1	19°12	3°18	16°14	1°39	6°53	0° 8	3° 3	9°26	1° 0	2° 6	3°27	19°16	S 26
M27	22 22 24	4° 8'43	27°11	19°D11	4°30	16°52	1°48	6°52	0°11	3° 4	9°26	0°56	2° 3	3°33	19°19	M27
T 28	22 26 20	5° 6'37	10♍37	19°18	5°43	17°31	1°58	6°51	0°15	3° 4	9°26	0°54	2° 0	3°40	19°21	T 28
W29	22 30 17	6° 4'33	24°18	19°33	6°55	18° 9	2° 7	6°49	0°18	3° 5	9°26	0°D53	1°56	3°47	19°23	W29
T 30	22 34 14	7° 2'31	8♎11	19°56	8° 8	18°48	2°17	6°48	0°22	3° 5	9°27	0°53	1°53	3°53	19°25	T 30
F 31	22 38 10	8♍ 0'30	22♎13	20♌26	9♎20	19♎27	2♏27	6♑47	0♎25	3♐ 6	9♊27	0♈54	1♈50	4♊ 0	19♊27	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n57	7n26	1n31	7n50	3s20	11n50	1n31	0n14	0n31	9s48	1n 8	22s32	0n39	1n 8	0n43	19s 8	1n39	9n59	11s58	0n46	1n22	24n30	18n16	4s38
T 2	17 41	1 3	0 20	7 36	3 33	11 23	1 30	0s 1	0 30	9 51	1 8	22 32	0 39	1 7	0 43	19 8	1 39	9 59	11 58	0 45	1 20	24 32	18 16	4 39
F 3	17 26	5s28	0s53	7 25	3 44	10 55	1 29	0 16	0 29	9 53	1 8	22 33	0 39	1 5	0 43	19 8	1 39	9 59	11 58	0 45	1 19	24 34	18 16	4 39
S 4	17 10	11 48	2 4	7 15	3 56	10 27	1 29	0 32	0 28	9 56	1 7	22 33	0 39	1 4	0 43	19 8	1 39	9 59	11 59	0 46	1 18	24 36	18 16	4 39
S 5	16 54	17 39	3 9	7 8	4 6	9 59	1 28	0 47	0 27	9 59	1 7	22 33	0 39	1 3	0 43	19 8	1 39	9 58	11 59	0 46	1 17	24 38	18 16	4 40
M 6	16 37	22 37	4 3	7 4	4 16	9 31	1 27	1 2	0 27	10 1	1 7	22 34	0 39	1 2	0 43	19 8	1 39	9 58	11 59	0 46	1 15	24 40	18 16	4 40
T 7	16 21	26 16	4 42	7 2	4 25	9 3	1 26	1 18	0 26	10 4	1 7	22 34	0 38	1 1	0 43	19 8	1 39	9 58	11 59	0 45	1 14	24 42	18 16	4 40
W 8	16 4	28 16	5 4	7 3	4 33	8 34	1 25	1 33	0 25	10 7	1 6	22 34	0 38	0 59	0 43	19 8	1 39	9 58	11 59	0 43	1 13	24 43	18 16	4 41
T 9	15 47	28 21	5 7	7 7	4 40	8 5	1 24	1 49	0 24	10 10	1 6	22 35	0 38	0 58	0 43	19 8	1 39	9 58	12 0	0 41	1 12	24 45	18 16	4 41
F 10	15 29	26 32	4 50	7 14	4 45	7 36	1 22	2 4	0 24	10 13	1 6	22 35	0 38	0 57	0 43	19 8	1 39	9 58	12 0	0 39	1 10	24 47	18 16	4 41
S 11	15 12	23 2	4 16	7 23	4 49	7 6	1 21	2 20	0 23	10 16	1 6	22 35	0 38	0 56	0 43	19 8	1 39	9 58	12 0	0 36	1 9	24 49	18 15	4 42
S 12	14 54	18 16	3 27	7 35	4 52	6 37	1 20	2 35	0 22	10 18	1 6	22 35	0 38	0 54	0 43	19 8	1 39	9 58	12 0	0 34	1 8	24 51	18 15	4 42
M13	14 35	12 39	2 27	7 49	4 52	6 7	1 18	2 50	0 21	10 21	1 5	22 36	0 38	0 53	0 43	19 8	1 39	9 58	12 0	0 32	1 6	24 53	18 15	4 43
T 14	14 17	6 35	1 20	8 6	4 51	5 37	1 17	3 6	0 21	10 24	1 5	22 36	0 38	0 52	0 43	19 8	1 39	9 57	12 1	0 31	1 5	24 54	18 15	4 43
W15	13 58	0 24	0 10	8 25	4 48	5 7	1 15	3 21	0 20	10 28	1 5	22 36	0 37	0 51	0 43	19 8	1 39	9 57	12 1	0 30	1 4	24 56	18 15	4 43
T 16	13 40	5n38	0n58	8 46	4 43	4 37	1 13	3 37	0 19	10 31	1 5	22 36	0 37	0 49	0 43	19 8	1 39	9 57	12 1	0 30	1 3	24 58	18 15	4 44
F 17	13 20	11 19	2 2	9 9	4 36	4 7	1 12	3 52	0 18	10 34	1 5	22 37	0 37	0 48	0 43	19 8	1 39	9 57	12 1	0 31	1 1	25 0	18 15	4 44
S 18	13 1	16 29	3 0	9 33	4 28	3 36	1 10	4 8	0 18	10 37	1 4	22 37	0 37	0 47	0 43	19 8	1 39	9 57	12 1	0 32	1 0	25 2	18 14	4 44
S 19	12 42	20 57	3 49	9 57	4 18	3 6	1 8	4 23	0 17	10 40	1 4	22 37	0 37	0 45	0 43	19 8	1 38	9 57	12 2	0 32	0 59	25 3	18 14	4 45
M20	12 22	24 33	4 28	10 23	4 6	2 35	1 6	4 39	0 16	10 43	1 4	22 37	0 37	0 44	0 43	19 8	1 38	9 57	12 2	0 32	0 58	25 5	18 14	4 45
T 21	12 2	27 6	4 55	10 48	3 52	2 5	1 4	4 54	0 15	10 47	1 4	22 38	0 37	0 43	0 42	19 9	1 38	9 56	12 2	0 32	0 56	25 7	18 14	4 46
W22	11 42	28 27	5 10	11 13	3 38	1 34	1 2	5 10	0 15	10 50	1 4	22 38	0 37	0 41	0 42	19 9	1 38	9 56	12 2	0 31	0 55	25 9	18 14	4 46
T 23	11 22	28 27	5 11	11 37	3 22	1 3	1 0	5 25	0 14	10 53	1 3	22 38	0 36	0 40	0 42	19 9	1 38	9 56	12 2	0 29	0 54	25 11	18 13	4 46
F 24	11 1	27 3	4 58	12 0	3 5	0 32	0 58	5 41	0 13	10 57	1 3	22 38	0 36	0 39	0 42	19 9	1 38	9 56	12 3	0 28	0 53	25 12	18 13	4 47
S 25	10 41	24 17	4 31	12 21	2 48	0 1	0 56	5 56	0 13	11 0	1 3	22 39	0 36	0 37	0 42	19 9	1 38	9 56	12 3	0 26	0 51	25 14	18 13	4 47
S 26	10 20	20 16	3 49	12 41	2 30	0s30	0 53	6 12	0 12	11 3	1 3	22 39	0 36	0 36	0 42	19 9	1 38	9 56	12 3	0 24	0 50	25 16	18 13	4 48
M27	9 59	15 10	2 54	12 59	2 11	1 1	0 51	6 27	0 11	11 7	1 3	22 39	0 36	0 34	0 42	19 9	1 38	9 55	12 3	0 22	0 49	25 17	18 12	4 48
T 28	9 38	9 16	1 49	13 14	1 53	1 32	0 48	6 43	0 10	11 10	1 2	22 39	0 36	0 33	0 42	19 9	1 38	9 55	12 4	0 21	0 48	25 19	18 12	4 49
W29	9 17	2 49	0 36	13 27	1 35	2 2	0 46	6 58	0 10	11 14	1 2	22 39	0 36	0 32	0 42	19 10	1 38	9 55	12 4	0 21	0 46	25 21	18 12	4 49
T 30	8 55	3s51	0s40	13 37	1 17	2 33	0 43	7 13	0 9	11 17	1 2	22 40	0 35	0 30	0 42	19 10	1 38	9 55	12 4	0 21	0 45	25 23	18 12	4 49
F 31	8n34	10s25	1s55	13n44	0s59	3s 4	0n41	7s29	0n 8	11s21	1n 2	22s40	0n35	0n29	0n42	19s10	1n38	9n55	12s 4	0n21	0n44	25n24	18n11	4s50

Julian Day Number = 2501430.5, Delta T = 112.92 sec
Ecliptic obliquity = 23°25'27, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°38'55, Lahiri = 25°45'56

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ASTRODIENST EPHEMERIS for the year 2136
geocentric

SEPTEMBER 2136 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 42 7	8♍58'30	6♏21	21♌ 5	10♎32	20♎ 6	2♏37	6°R46	0♎29	3♐ 6	9♊27	0♈55	1♈47	4♊ 7	19♊28	S 1
S 2	22 46 3	9°56'32	20°34	21°52	11°45	20°45	2°47	6♑45	0°33	3° 7	9°27	0°56	1°44	4°13	19°30	S 2
M 3	22 50 0	10°54'35	4♐47	22°46	12°57	21°24	2°57	6°45	0°36	3° 8	9°27	0°R57	1°41	4°20	19°32	M 3
T 4	22 53 56	11°52'39	19° 0	23°47	14° 9	22° 3	3° 8	6°44	0°40	3° 8	9°27	0°57	1°37	4°27	19°33	T 4
W 5	22 57 53	12°50'45	3♑ 9	24°55	15°22	22°42	3°18	6°43	0°43	3° 9	9°27	0°56	1°34	4°34	19°35	W 5
T 6	23 1 49	13°48'52	17°13	26° 9	16°34	23°21	3°28	6°43	0°47	3°10	9°27	0°54	1°31	4°40	19°36	T 6
F 7	23 5 46	14°47'01	1♒ 8	27°29	17°46	24° 0	3°39	6°43	0°51	3°10	9°28	0°52	1°28	4°47	19°38	F 7
S 8	23 9 43	15°45'11	14°53	28°55	18°58	24°40	3°49	6°42	0°54	3°11	9°R28	0°50	1°25	4°54	19°39	S 8
S 9	23 13 39	16°43'22	28°25	0♍26	20°10	25°19	4° 0	6°42	0°58	3°12	9°28	0°48	1°21	5° 0	19°41	S 9
M10	23 17 36	17°41'35	11♓43	2° 0	21°23	25°59	4°11	6°D42	1° 2	3°13	9°28	0°47	1°18	5° 7	19°42	M10
T 11	23 21 32	18°39'50	24°45	3°39	22°35	26°38	4°22	6°42	1° 6	3°14	9°27	0°D47	1°15	5°14	19°43	T 11
W12	23 25 29	19°38'07	7♈30	5°21	23°47	27°18	4°33	6°42	1° 9	3°15	9°27	0°47	1°12	5°21	19°44	W12
T 13	23 29 25	20°36'25	20° 0	7° 6	24°59	27°57	4°44	6°42	1°13	3°15	9°27	0°47	1° 9	5°27	19°45	T 13
F 14	23 33 22	21°34'46	2♉16	8°53	26°11	28°37	4°55	6°43	1°17	3°16	9°27	0°48	1° 6	5°34	19°46	F 14
S 15	23 37 18	22°33'08	14°20	10°42	27°23	29°17	5° 6	6°43	1°21	3°17	9°27	0°49	1° 2	5°41	19°47	S 15
S 16	23 41 15	23°31'33	26°17	12°32	28°34	29°57	5°17	6°44	1°24	3°18	9°27	0°50	0°59	5°47	19°48	S 16
M17	23 45 11	24°30'00	8♊ 9	14°23	29°46	0♏37	5°28	6°44	1°28	3°19	9°27	0°50	0°56	5°54	19°48	M17
T 18	23 49 8	25°28'28	20° 2	16°15	0♏58	1°17	5°40	6°45	1°32	3°21	9°27	0°50	0°53	6° 1	19°49	T 18
W19	23 53 5	26°27'00	2♋ 0	18° 8	2°10	1°57	5°51	6°46	1°36	3°22	9°26	0°R50	0°50	6° 8	19°50	W19
T 20	23 57 1	27°25'33	14° 7	20° 1	3°22	2°37	6° 3	6°47	1°39	3°23	9°26	0°50	0°47	6°14	19°50	T 20
F 21	0 0 58	28°24'08	26°27	21°53	4°33	3°17	6°14	6°48	1°43	3°24	9°26	0°50	0°43	6°21	19°50	F 21
S 22	0 4 54	29°22'46	9♌ 6	23°46	5°45	3°58	6°26	6°49	1°47	3°25	9°26	0°50	0°40	6°28	19°51	S 22
S 23	0 8 51	0♎21'25	22° 5	25°38	6°57	4°38	6°37	6°50	1°51	3°26	9°25	0°D50	0°37	6°34	19°51	S 23
M24	0 12 47	1°20'07	5♍25	27°29	8° 8	5°18	6°49	6°51	1°55	3°28	9°25	0°50	0°34	6°41	19°51	M24
T 25	0 16 44	2°18'51	19° 8	29°20	9°20	5°59	7° 1	6°53	1°58	3°29	9°25	0°50	0°31	6°48	19°51	T 25
W26	0 20 40	3°17'37	3♎11	1♎10	10°31	6°39	7°13	6°54	2° 2	3°30	9°24	0°R50	0°27	6°54	19°R52	W26
T 27	0 24 37	4°16'24	17°30	3° 0	11°43	7°20	7°25	6°56	2° 6	3°32	9°24	0°50	0°24	7° 1	19°52	T 27
F 28	0 28 34	5°15'14	2♏ 0	4°49	12°54	8° 1	7°37	6°57	2°10	3°33	9°24	0°49	0°21	7° 8	19°51	F 28
S 29	0 32 30	6°14'06	16°35	6°36	14° 6	8°42	7°49	6°59	2°13	3°34	9°23	0°49	0°18	7°15	19°51	S 29
S 30	0 36 27	7♎12'59	1♐10	8♎23	15♏17	9♏22	8♏ 1	7♑ 1	2♎17	3♐36	9♊23	0♈48	0♈15	7♊21	19♊51	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n12	16s30	3s 3	13n48	0s42	3s35	0n38	7s44	0n 8	11s24	1n 2	22s40	0n35	0n27	0n42	19s10	1n38	9n54	12s 4	0n22	0n42	25n26	18n11	4s50
S 2	7 50	21 44	4 0	13 48	0 26	4 6	0 35	7 59	0 7	11 28	1 2	22 40	0 35	0 26	0 42	19 10	1 38	9 54	12 5	0 22	0 41	25 28	18 11	4 51
M 3	7 28	25 43	4 43	13 46	0 10	4 37	0 33	8 15	0 6	11 32	1 1	22 40	0 35	0 24	0 42	19 10	1 38	9 54	12 5	0 23	0 40	25 29	18 10	4 51
T 4	7 6	28 5	5 8	13 40	0n 5	5 7	0 30	8 30	0 6	11 35	1 1	22 40	0 35	0 23	0 42	19 11	1 38	9 54	12 5	0 23	0 39	25 31	18 10	4 52
W 5	6 44	28 38	5 15	13 31	0 19	5 38	0 27	8 45	0 5	11 39	1 1	22 41	0 35	0 21	0 42	19 11	1 37	9 54	12 5	0 22	0 37	25 33	18 10	4 52
T 6	6 22	27 19	5 3	13 18	0 32	6 8	0 24	9 0	0 4	11 43	1 1	22 41	0 35	0 20	0 42	19 11	1 37	9 53	12 6	0 22	0 36	25 34	18 9	4 52
F 7	5 59	24 19	4 32	13 2	0 45	6 38	0 21	9 15	0 3	11 46	1 1	22 41	0 34	0 19	0 42	19 11	1 37	9 53	12 6	0 21	0 35	25 36	18 9	4 53
S 8	5 37	19 58	3 47	12 43	0 56	7 9	0 18	9 30	0 3	11 50	1 1	22 41	0 34	0 17	0 42	19 11	1 37	9 53	12 6	0 20	0 34	25 38	18 9	4 53
S 9	5 14	14 40	2 49	12 20	1 6	7 39	0 15	9 45	0 2	11 54	1 0	22 41	0 34	0 16	0 42	19 12	1 37	9 53	12 6	0 19	0 32	25 39	18 8	4 54
M10	4 52	8 46	1 43	11 55	1 15	8 9	0 12	10 0	0 1	11 58	1 0	22 41	0 34	0 14	0 42	19 12	1 37	9 53	12 6	0 19	0 31	25 41	18 8	4 54
T 11	4 29	2 36	0 33	11 26	1 22	8 38	0 9	10 15	0 1	12 1	1 0	22 41	0 34	0 13	0 42	19 12	1 37	9 52	12 7	0 18	0 30	25 43	18 8	4 55
W12	4 6	3n33	0n37	10 56	1 29	9 8	0 6	10 30	0 0	12 5	1 0	22 42	0 34	0 11	0 42	19 12	1 37	9 52	12 7	0 18	0 29	25 44	18 7	4 55
T 13	3 43	9 25	1 44	10 22	1 35	9 37	0 3	10 45	0s 1	12 9	1 0	22 42	0 34	0 10	0 42	19 12	1 37	9 52	12 7	0 19	0 27	25 46	18 7	4 56
F 14	3 20	14 51	2 46	9 46	1 40	10 6	0s 0	11 0	0 1	12 13	1 0	22 42	0 33	0 8	0 42	19 13	1 37	9 52	12 7	0 19	0 26	25 47	18 7	4 56
S 15	2 57	19 36	3 39	9 9	1 43	10 35	0 4	11 15	0 2	12 17	0 59	22 42	0 33	0 7	0 42	19 13	1 37	9 51	12 7	0 19	0 25	25 49	18 6	4 57
S 16	2 34	23 32	4 21	8 29	1 46	11 4	0 7	11 29	0 3	12 21	0 59	22 42	0 33	0 5	0 42	19 13	1 37	9 51	12 8	0 20	0 24	25 51	18 6	4 57
M17	2 11	26 28	4 53	7 48	1 48	11 33	0 10	11 44	0 3	12 24	0 59	22 42	0 33	0 4	0 42	19 13	1 37	9 51	12 8	0 20	0 22	25 52	18 5	4 57
T 18	1 48	28 13	5 11	7 6	1 49	12 1	0 13	11 58	0 4	12 28	0 59	22 42	0 33	0 2	0 42	19 14	1 37	9 51	12 8	0 20	0 21	25 54	18 5	4 58
W19	1 25	28 41	5 17	6 22	1 49	12 29	0 17	12 13	0 5	12 32	0 59	22 42	0 33	0 1	0 42	19 14	1 37	9 51	12 8	0 20	0 20	25 55	18 5	4 58
T 20	1 1	27 47	5 8	5 37	1 49	12 57	0 20	12 27	0 5	12 36	0 59	22 42	0 33	0s 1	0 42	19 14	1 37	9 50	12 9	0 20	0 18	25 57	18 4	4 59
F 21	0 38	25 31	4 46	4 52	1 48	13 24	0 24	12 42	0 6	12 40	0 59	22 43	0 33	0 2	0 42	19 14	1 37	9 50	12 9	0 20	0 17	25 58	18 4	4 59
S 22	0 15	21 58	4 9	4 6	1 46	13 51	0 27	12 56	0 7	12 44	0 58	22 43	0 32	0 4	0 42	19 15	1 37	9 50	12 9	0 20	0 16	26 0	18 3	5 0
S 23	0s 9	17 16	3 19	3 20	1 44	14 18	0 30	13 10	0 7	12 48	0 58	22 43	0 32	0 5	0 42	19 15	1 36	9 50	12 9	0 20	0 15	26 1	18 3	5 0
M24	0 32	11 38	2 16	2 33	1 41	14 45	0 34	13 24	0 8	12 52	0 58	22 43	0 32	0 7	0 42	19 15	1 36	9 49	12 9	0 20	0 13	26 3	18 2	5 1
T 25	0 55	5 17	1 4	1 46	1 38	15 11	0 37	13 39	0 9	12 56	0 58	22 43	0 32	0 8	0 42	19 16	1 36	9 49	12 10	0 20	0 12	26 4	18 2	5 1
W26	1 19	1s28	0s13	0 58	1 34	15 37	0 41	13 52	0 9	13 0	0 58	22 43	0 32	0 10	0 42	19 16	1 36	9 49	12 10	0 20	0 11	26 6	18 2	5 2
T 27	1 42	8 16	1 31	0 11	1 30	16 2	0 44	14 6	0 10	13 4	0 58	22 43	0 32	0 11	0 42	19 16	1 36	9 49	12 10	0 20	0 10	26 7	18 1	5 2
F 28	2 5	14 44	2 44	0s36	1 25	16 27	0 48	14 20	0 11	13 8	0 58	22 43	0 32	0 13	0 42	19 16	1 36	9 48	12 10	0 20	0 8	26 9	18 1	5 2
S 29	2 28	20 25	3 47	1 23	1 20	16 52	0 51	14 34	0 11	13 12	0 58	22 43	0 31	0 14	0 42	19 17	1 36	9 48	12 10	0 19	0 7	26 10	18 0	5 3
S 30	2s52	24s52	4s35	2s10	1n15	17s17	0s55	14s48	0s12	13s16	0n57	22s43	0n31	0s16	0n42	19s17	1n36	9n48	12s11	0n19	0n 6	26n12	18n 0	5s 3

Julian Day Number = 2501461.5, Delta T = 112.97 sec
Ecliptic obliquity = 23°25'27, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°39'00, Lahiri = 25°46'00

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ASTRODIENST EPHEMERIS for the year 2136
geocentric

OCTOBER 2136 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 40 23	8♎11'55	15♐39	10♎ 9	16♏28	10♏ 3	8♏13	7♑ 3	2♎21	3♐37	9°R22	0°R47	0♈12	7♊28	19°R51	M 1
T 2	0 44 20	9°10'52	29°58	11°55	17°39	10°44	8°25	7° 5	2°25	3°39	9♊22	0♈47	0° 8	7°35	19♊50	T 2
W 3	0 48 16	10° 9'50	14♑ 3	13°39	18°51	11°25	8°37	7° 7	2°29	3°40	9°21	0°D47	0° 5	7°41	19°50	W 3
T 4	0 52 13	11° 8'51	27°54	15°22	20° 2	12° 6	8°50	7° 9	2°32	3°42	9°21	0°47	0° 2	7°48	19°49	T 4
F 5	0 56 9	12° 7'53	11♒30	17° 5	21°13	12°48	9° 2	7°12	2°36	3°43	9°20	0°48	29♓59	7°55	19°49	F 5
S 6	1 0 6	13° 6'57	24°52	18°47	22°24	13°29	9°14	7°14	2°40	3°45	9°20	0°49	29°56	8° 2	19°48	S 6
S 7	1 4 3	14° 6'02	7♓59	20°28	23°35	14°10	9°27	7°17	2°44	3°46	9°19	0°50	29°53	8° 8	19°47	S 7
M 8	1 7 59	15° 5'10	20°52	22° 8	24°46	14°51	9°39	7°19	2°47	3°48	9°18	0°51	29°49	8°15	19°47	M 8
T 9	1 11 56	16° 4'19	3♈33	23°47	25°57	15°33	9°52	7°22	2°51	3°50	9°18	0°R51	29°46	8°22	19°46	T 9
W10	1 15 52	17° 3'30	16° 2	25°26	27° 7	16°14	10° 4	7°25	2°55	3°51	9°17	0°51	29°43	8°28	19°45	W10
T 11	1 19 49	18° 2'44	28°21	27° 3	28°18	16°56	10°17	7°28	2°58	3°53	9°17	0°49	29°40	8°35	19°44	T 11
F 12	1 23 45	19° 1'59	10♉29	28°40	29°29	17°37	10°30	7°31	3° 2	3°55	9°16	0°47	29°37	8°42	19°43	F 12
S 13	1 27 42	20° 1'17	22°30	0♏16	0♐39	18°19	10°42	7°34	3° 6	3°56	9°15	0°44	29°33	8°49	19°42	S 13
S 14	1 31 38	21° 0'36	4♊25	1°52	1°50	19° 1	10°55	7°37	3° 9	3°58	9°15	0°40	29°30	8°55	19°40	S 14
M15	1 35 35	21°59'59	16°16	3°27	3° 0	19°43	11° 8	7°40	3°13	4° 0	9°14	0°37	29°27	9° 2	19°39	M15
T 16	1 39 32	22°59'23	28° 8	5° 1	4°11	20°25	11°21	7°43	3°17	4° 2	9°13	0°34	29°24	9° 9	19°38	T 16
W17	1 43 28	23°58'50	10♋ 4	6°34	5°21	21° 7	11°33	7°47	3°20	4° 4	9°12	0°33	29°21	9°15	19°36	W17
T 18	1 47 25	24°58'19	22° 8	8° 7	6°31	21°49	11°46	7°50	3°24	4° 5	9°12	0°D32	29°18	9°22	19°35	T 18
F 19	1 51 21	25°57'50	4♌25	9°39	7°42	22°31	11°59	7°54	3°28	4° 7	9°11	0°32	29°14	9°29	19°33	F 19
S 20	1 55 18	26°57'23	17° 0	11°10	8°52	23°13	12°12	7°58	3°31	4° 9	9°10	0°33	29°11	9°36	19°32	S 20
S 21	1 59 14	27°56'59	29°56	12°41	10° 2	23°55	12°25	8° 1	3°35	4°11	9° 9	0°35	29° 8	9°42	19°30	S 21
M22	2 3 11	28°56'37	13♍18	14°11	11°12	24°37	12°38	8° 5	3°38	4°13	9° 8	0°36	29° 5	9°49	19°28	M22
T 23	2 7 7	29°56'17	27° 5	15°41	12°22	25°20	12°51	8° 9	3°42	4°15	9° 8	0°R37	29° 2	9°56	19°26	T 23
W24	2 11 4	0♏55'59	11♎19	17°10	13°32	26° 2	13° 4	8°13	3°45	4°17	9° 7	0°37	28°58	10° 2	19°24	W24
T 25	2 15 1	1°55'44	25°56	18°38	14°41	26°45	13°17	8°17	3°49	4°19	9° 6	0°35	28°55	10° 9	19°22	T 25
F 26	2 18 57	2°55'30	10♏49	20° 6	15°51	27°27	13°30	8°21	3°52	4°21	9° 5	0°31	28°52	10°16	19°20	F 26
S 27	2 22 54	3°55'18	25°51	21°32	17° 1	28°10	13°43	8°25	3°56	4°23	9° 4	0°27	28°49	10°23	19°18	S 27
S 28	2 26 50	4°55'09	10♐52	22°59	18°10	28°52	13°56	8°30	3°59	4°25	9° 3	0°22	28°46	10°29	19°16	S 28
M29	2 30 47	5°55'01	25°44	24°24	19°20	29°35	14° 9	8°34	4° 2	4°27	9° 2	0°17	28°43	10°36	19°14	M29
T 30	2 34 43	6°54'55	10♑19	25°49	20°29	0♑18	14°22	8°38	4° 6	4°29	9° 1	0°13	28°39	10°43	19°12	T 30
W31	2 38 40	7♏54'50	24♑32	27♏13	21♑38	1♑ 1	14♏35	8♑43	4♎ 9	4♐31	9♊ 0	0♈10	28♓36	10♊49	19♊ 9	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s15	27s43	5s 6	2s57	1n10	17s41	0s58	15s 1	0s12	13s20	0n57	22s43	0n31	0s17	0n42	19s17	1n36	9n48	12s11	0n19	0n 5	26n13	17n59	5s 4
T 2	3 38	28 42	5 17	3 43	1 4	18 4	1 1	15 15	0 13	13 24	0 57	22 43	0 31	0 19	0 42	19 18	1 36	9 47	12 11	0 19	0 3	26 15	17 59	5 4
W 3	4 1	27 47	5 8	4 29	0 58	18 27	1 5	15 28	0 14	13 28	0 57	22 43	0 31	0 20	0 42	19 18	1 36	9 47	12 11	0 19	0 2	26 16	17 58	5 5
T 4	4 24	25 10	4 42	5 15	0 52	18 50	1 8	15 41	0 14	13 32	0 57	22 43	0 31	0 22	0 42	19 18	1 36	9 47	12 11	0 19	0 1	26 18	17 58	5 5
F 5	4 48	21 10	4 0	6 0	0 46	19 12	1 12	15 54	0 15	13 36	0 57	22 43	0 31	0 23	0 42	19 19	1 36	9 46	12 12	0 19	0s 0	26 19	17 57	5 6
S 6	5 11	16 9	3 6	6 45	0 39	19 34	1 15	16 7	0 16	13 40	0 57	22 43	0 31	0 25	0 42	19 19	1 36	9 46	12 12	0 20	0 2	26 21	17 57	5 6
S 7	5 33	10 29	2 3	7 29	0 33	19 56	1 19	16 20	0 16	13 44	0 57	22 43	0 30	0 26	0 42	19 19	1 36	9 46	12 12	0 20	0 3	26 22	17 56	5 7
M 8	5 56	4 27	0 55	8 12	0 26	20 16	1 22	16 33	0 17	13 48	0 57	22 43	0 30	0 28	0 42	19 20	1 36	9 46	12 12	0 20	0 4	26 24	17 56	5 7
T 9	6 19	1n38	0n15	8 55	0 20	20 37	1 25	16 46	0 17	13 52	0 56	22 43	0 30	0 29	0 42	19 20	1 36	9 45	12 12	0 20	0 6	26 25	17 55	5 7
W10	6 42	7 35	1 23	9 38	0 13	20 57	1 29	16 58	0 18	13 56	0 56	22 43	0 30	0 31	0 42	19 20	1 36	9 45	12 12	0 20	0 7	26 26	17 55	5 8
T 11	7 4	13 9	2 26	10 20	0 6	21 16	1 32	17 11	0 19	14 0	0 56	22 43	0 30	0 32	0 42	19 21	1 36	9 45	12 13	0 20	0 8	26 28	17 54	5 8
F 12	7 27	18 9	3 21	11 1	0s 1	21 35	1 35	17 23	0 19	14 4	0 56	22 43	0 30	0 34	0 42	19 21	1 36	9 45	12 13	0 19	0 9	26 29	17 54	5 9
S 13	7 49	22 22	4 7	11 41	0 8	21 53	1 39	17 35	0 20	14 8	0 56	22 43	0 30	0 35	0 42	19 22	1 36	9 44	12 13	0 17	0 11	26 31	17 53	5 9
S 14	8 12	25 38	4 42	12 21	0 15	22 11	1 42	17 47	0 20	14 12	0 56	22 43	0 30	0 37	0 42	19 22	1 36	9 44	12 13	0 16	0 12	26 32	17 53	5 10
M15	8 34	27 46	5 4	13 0	0 22	22 28	1 45	17 59	0 21	14 16	0 56	22 43	0 29	0 38	0 42	19 22	1 35	9 44	12 13	0 15	0 13	26 33	17 52	5 10
T 16	8 56	28 38	5 14	13 38	0 29	22 44	1 48	18 11	0 22	14 20	0 56	22 43	0 29	0 40	0 42	19 23	1 35	9 44	12 13	0 14	0 14	26 35	17 52	5 10
W17	9 18	28 11	5 10	14 16	0 36	23 0	1 51	18 23	0 22	14 24	0 56	22 43	0 29	0 41	0 42	19 23	1 35	9 43	12 14	0 13	0 16	26 36	17 51	5 11
T 18	9 40	26 25	4 52	14 53	0 43	23 16	1 54	18 34	0 23	14 28	0 56	22 42	0 29	0 42	0 42	19 23	1 35	9 43	12 14	0 13	0 17	26 37	17 51	5 11
F 19	10 1	23 22	4 21	15 29	0 50	23 31	1 57	18 46	0 23	14 32	0 55	22 42	0 29	0 44	0 42	19 24	1 35	9 43	12 14	0 13	0 18	26 39	17 50	5 12
S 20	10 23	19 10	3 37	16 4	0 56	23 45	2 0	18 57	0 24	14 36	0 55	22 42	0 29	0 45	0 42	19 24	1 35	9 43	12 14	0 13	0 19	26 40	17 49	5 12
S 21	10 44	13 59	2 40	16 38	1 3	23 58	2 3	19 8	0 25	14 40	0 55	22 42	0 29	0 47	0 42	19 25	1 35	9 42	12 14	0 14	0 21	26 41	17 49	5 13
M22	11 6	8 0	1 34	17 12	1 10	24 11	2 6	19 19	0 25	14 44	0 55	22 42	0 29	0 48	0 42	19 25	1 35	9 42	12 14	0 14	0 22	26 43	17 48	5 13
T 23	11 27	1 27	0 19	17 44	1 16	24 24	2 9	19 30	0 26	14 48	0 55	22 42	0 29	0 49	0 42	19 25	1 35	9 42	12 14	0 15	0 23	26 44	17 48	5 13
W24	11 47	5s22	0s58	18 16	1 23	24 35	2 12	19 41	0 26	14 52	0 55	22 42	0 28	0 51	0 42	19 26	1 35	9 42	12 15	0 15	0 24	26 45	17 47	5 14
T 25	12 8	12 5	2 14	18 47	1 29	24 46	2 15	19 51	0 27	14 56	0 55	22 42	0 28	0 52	0 42	19 26	1 35	9 41	12 15	0 14	0 26	26 47	17 47	5 14
F 26	12 29	18 15	3 22	19 17	1 35	24 57	2 17	20 2	0 28	15 0	0 55	22 42	0 28	0 53	0 42	19 26	1 35	9 41	12 15	0 13	0 27	26 48	17 46	5 15
S 27	12 49	23 21	4 16	19 46	1 41	25 6	2 20	20 12	0 28	15 4	0 55	22 41	0 28	0 55	0 42	19 27	1 35	9 41	12 15	0 11	0 28	26 49	17 46	5 15
S 28	13 9	26 54	4 53	20 14	1 47	25 16	2 22	20 22	0 29	15 8	0 55	22 41	0 28	0 56	0 42	19 27	1 35	9 41	12 15	0 9	0 30	26 50	17 45	5 15
M29	13 29	28 31	5 10	20 41	1 53	25 24	2 25	20 31	0 29	15 12	0 55	22 41	0 28	0 57	0 42	19 28	1 35	9 40	12 15	0 7	0 31	26 52	17 45	5 16
T 30	13 49	28 7	5 6	21 7	1 58	25 32	2 27	20 41	0 30	15 16	0 55	22 41	0 28	0 59	0 42	19 28	1 35	9 40	12 15	0 5	0 32	26 53	17 44	5 16
W31	14s 8	25s51	4s43	21s32	2s 3	25s39	2s29	20s51	0s30	15s20	0n55	22s41	0n28	1s 0	0n42	19s28	1n35	9n40	12s15	0n 4	0s33	26n54	17n43	5s16

Julian Day Number = 2501491.5, Delta T = 113.02 sec
Ecliptic obliquity = 23°25'27, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°39'04, Lahiri = 25°46'04

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ASTRODIENST EPHEMERIS for the year 2136
geocentric

NOVEMBER 2136 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 36	8♏54'47	8♒23	28♏36	22♐47	1♐44	14♏48	8♑48	4♎12	4♐33	8°R59	0°D10	28♓33	10♊56	19°R 7	T 1
F 2	2 46 33	9°54'46	21°51	29°58	23°56	2°27	15° 2	8°52	4°16	4°35	8♊59	0♈10	28°30	11° 3	19♊ 4	F 2
S 3	2 50 30	10°54'46	4♓58	1♐20	25° 5	3°10	15°15	8°57	4°19	4°37	8°58	0°12	28°27	11°10	19° 2	S 3
S 4	2 54 26	11°54'48	17°48	2°40	26°14	3°53	15°28	9° 2	4°22	4°39	8°57	0°13	28°24	11°16	18°59	S 4
M 5	2 58 23	12°54'51	0♈23	3°59	27°22	4°36	15°41	9° 7	4°25	4°41	8°56	0°R14	28°20	11°23	18°57	M 5
T 6	3 2 19	13°54'56	12°47	5°17	28°31	5°19	15°54	9°12	4°28	4°43	8°55	0°13	28°17	11°30	18°54	T 6
W 7	3 6 16	14°55'02	25° 0	6°34	29°39	6° 3	16° 7	9°17	4°31	4°46	8°54	0°10	28°14	11°36	18°51	W 7
T 8	3 10 12	15°55'11	7♉ 6	7°49	0♑48	6°46	16°21	9°22	4°35	4°48	8°53	0° 5	28°11	11°43	18°49	T 8
F 9	3 14 9	16°55'21	19° 7	9° 3	1°56	7°29	16°34	9°27	4°38	4°50	8°51	29♓57	28° 8	11°50	18°46	F 9
S 10	3 18 5	17°55'33	1♊ 3	10°15	3° 4	8°13	16°47	9°32	4°41	4°52	8°50	29°48	28° 4	11°57	18°43	S 10
S 11	3 22 2	18°55'47	12°56	11°24	4°11	8°56	17° 0	9°37	4°44	4°54	8°49	29°38	28° 1	12° 3	18°40	S 11
M12	3 25 59	19°56'03	24°47	12°32	5°19	9°40	17°13	9°43	4°47	4°56	8°48	29°29	27°58	12°10	18°37	M12
T 13	3 29 55	20°56'20	6♋39	13°37	6°27	10°24	17°27	9°48	4°50	4°59	8°47	29°20	27°55	12°17	18°34	T 13
W14	3 33 52	21°56'40	18°35	14°39	7°34	11° 7	17°40	9°53	4°52	5° 1	8°46	29°12	27°52	12°24	18°31	W14
T 15	3 37 48	22°57'01	0♌38	15°38	8°41	11°51	17°53	9°59	4°55	5° 3	8°45	29° 7	27°49	12°30	18°28	T 15
F 16	3 41 45	23°57'24	12°52	16°34	9°48	12°35	18° 6	10° 5	4°58	5° 5	8°44	29° 5	27°45	12°37	18°25	F 16
S 17	3 45 41	24°57'49	25°21	17°25	10°55	13°19	18°19	10°10	5° 1	5° 8	8°43	29°D 4	27°42	12°44	18°22	S 17
S 18	3 49 38	25°58'16	8♍10	18°12	12° 2	14° 3	18°32	10°16	5° 4	5°10	8°42	29° 4	27°39	12°50	18°19	S 18
M19	3 53 34	26°58'45	21°23	18°54	13° 8	14°47	18°46	10°22	5° 6	5°12	8°41	29° 5	27°36	12°57	18°15	M19
T 20	3 57 31	27°59'16	5♎ 4	19°30	14°15	15°31	18°59	10°27	5° 9	5°14	8°40	29°R 5	27°33	13° 4	18°12	T 20
W21	4 1 28	28°59'48	19°15	19°59	15°21	16°15	19°12	10°33	5°12	5°16	8°38	29° 3	27°30	13°11	18° 9	W21
T 22	4 5 24	0♐ 0'23	3♏53	20°22	16°27	16°59	19°25	10°39	5°14	5°19	8°37	28°59	27°26	13°17	18° 5	T 22
F 23	4 9 21	1° 0'59	18°55	20°36	17°33	17°43	19°38	10°45	5°17	5°21	8°36	28°53	27°23	13°24	18° 2	F 23
S 24	4 13 17	2° 1'36	4♐10	20°R42	18°38	18°28	19°51	10°51	5°19	5°23	8°35	28°44	27°20	13°31	17°59	S 24
S 25	4 17 14	3° 2'15	19°30	20°38	19°43	19°12	20° 4	10°57	5°22	5°26	8°34	28°34	27°17	13°37	17°55	S 25
M26	4 21 10	4° 2'56	4♑42	20°25	20°49	19°57	20°17	11° 3	5°24	5°28	8°33	28°24	27°14	13°44	17°52	M26
T 27	4 25 7	5° 3'37	19°36	20° 0	21°53	20°41	20°30	11° 9	5°26	5°30	8°32	28°15	27°10	13°51	17°48	T 27
W28	4 29 3	6° 4'20	4♒ 4	19°25	22°58	21°26	20°43	11°16	5°29	5°32	8°31	28° 9	27° 7	13°58	17°45	W28
T 29	4 33 0	7° 5'04	18° 5	18°39	24° 2	22°10	20°56	11°22	5°31	5°35	8°29	28° 5	27° 4	14° 4	17°41	T 29
F 30	4 36 57	8♐ 5'48	1♓36	17♐43	25♑ 6	22♐55	21♏ 9	11♑28	5♎33	5♐37	8♊28	28♓ 3	27♓ 1	14♊11	17♊38	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s28	22s 5	4s 5	21s55	2s 8	25s45	2s32	21s 0	0s31	15s24	0n55	22s41	0n27	1s 1	0n42	19s29	1n35	9n40	12s15	0n 4	0s35	26n55	17n43	5s17
F 2	14 47	17 16	3 13	22 18	2 13	25 51	2 34	21 9	0 31	15 28	0 54	22 40	0 27	1 3	0 42	19 29	1 35	9 39	12 16	0 4	0 36	26 57	17 42	5 17
S 3	15 5	11 44	2 13	22 40	2 18	25 56	2 36	21 18	0 32	15 32	0 54	22 40	0 27	1 4	0 42	19 30	1 35	9 39	12 16	0 5	0 37	26 58	17 42	5 18
S 4	15 24	5 51	1 7	23 0	2 22	26 0	2 38	21 27	0 33	15 36	0 54	22 40	0 27	1 5	0 42	19 30	1 35	9 39	12 16	0 5	0 38	26 59	17 41	5 18
M 5	15 42	0n10	0n 1	23 19	2 26	26 3	2 40	21 35	0 33	15 40	0 54	22 40	0 27	1 6	0 42	19 30	1 35	9 39	12 16	0 5	0 40	27 0	17 41	5 18
T 6	16 0	6 5	1 7	23 37	2 30	26 6	2 41	21 44	0 34	15 43	0 54	22 39	0 27	1 8	0 42	19 31	1 35	9 39	12 16	0 5	0 41	27 2	17 40	5 19
W 7	16 18	11 41	2 10	23 54	2 33	26 8	2 43	21 52	0 34	15 47	0 54	22 39	0 27	1 9	0 42	19 31	1 35	9 38	12 16	0 4	0 42	27 3	17 40	5 19
T 8	16 36	16 48	3 6	24 9	2 36	26 10	2 45	22 0	0 35	15 51	0 54	22 39	0 27	1 10	0 43	19 32	1 35	9 38	12 16	0 2	0 43	27 4	17 39	5 19
F 9	16 53	21 13	3 52	24 24	2 38	26 11	2 46	22 7	0 35	15 55	0 54	22 39	0 27	1 11	0 43	19 32	1 35	9 38	12 16	0s 1	0 45	27 5	17 38	5 20
S 10	17 10	24 44	4 29	24 36	2 40	26 11	2 48	22 15	0 36	15 59	0 54	22 38	0 27	1 12	0 43	19 32	1 35	9 38	12 16	0 5	0 46	27 6	17 38	5 20
S 11	17 26	27 11	4 53	24 48	2 41	26 10	2 49	22 22	0 36	16 2	0 54	22 38	0 26	1 14	0 43	19 33	1 35	9 38	12 16	0 9	0 47	27 7	17 37	5 20
M12	17 43	28 24	5 5	24 58	2 42	26 9	2 50	22 29	0 37	16 6	0 54	22 38	0 26	1 15	0 43	19 33	1 35	9 37	12 16	0 13	0 48	27 9	17 37	5 21
T 13	17 59	28 18	5 3	25 7	2 43	26 7	2 51	22 36	0 37	16 10	0 54	22 38	0 26	1 16	0 43	19 34	1 35	9 37	12 16	0 16	0 50	27 10	17 36	5 21
W14	18 14	26 54	4 49	25 14	2 42	26 4	2 52	22 43	0 38	16 14	0 54	22 37	0 26	1 17	0 43	19 34	1 35	9 37	12 16	0 19	0 51	27 11	17 36	5 21
T 15	18 30	24 15	4 21	25 19	2 41	26 1	2 53	22 50	0 38	16 17	0 54	22 37	0 26	1 18	0 43	19 35	1 35	9 37	12 16	0 21	0 52	27 12	17 35	5 21
F 16	18 45	20 29	3 41	25 23	2 39	25 57	2 54	22 56	0 39	16 21	0 54	22 37	0 26	1 19	0 43	19 35	1 35	9 37	12 16	0 22	0 53	27 13	17 35	5 22
S 17	19 0	15 44	2 50	25 26	2 37	25 52	2 54	23 2	0 39	16 25	0 54	22 36	0 26	1 20	0 43	19 35	1 35	9 36	12 16	0 22	0 55	27 14	17 34	5 22
S 18	19 14	10 12	1 50	25 26	2 33	25 47	2 55	23 8	0 40	16 28	0 54	22 36	0 26	1 21	0 43	19 36	1 35	9 36	12 17	0 22	0 56	27 15	17 34	5 22
M19	19 28	4 3	0 41	25 26	2 28	25 41	2 55	23 13	0 40	16 32	0 54	22 36	0 26	1 22	0 43	19 36	1 35	9 36	12 17	0 22	0 57	27 17	17 33	5 22
T 20	19 42	2s30	0s32	25 23	2 23	25 34	2 55	23 19	0 41	16 36	0 54	22 35	0 25	1 23	0 43	19 37	1 35	9 36	12 17	0 22	0 59	27 18	17 33	5 23
W21	19 55	9 9	1 45	25 18	2 16	25 27	2 55	23 24	0 41	16 39	0 54	22 35	0 25	1 24	0 43	19 37	1 35	9 36	12 17	0 22	1 0	27 19	17 32	5 23
T 22	20 8	15 32	2 54	25 12	2 8	25 19	2 55	23 29	0 42	16 43	0 54	22 35	0 25	1 25	0 43	19 37	1 35	9 35	12 17	0 24	1 1	27 20	17 31	5 23
F 23	20 21	21 10	3 53	25 4	1 58	25 10	2 55	23 34	0 42	16 46	0 54	22 34	0 25	1 26	0 43	19 38	1 35	9 35	12 17	0 27	1 2	27 21	17 31	5 23
S 24	20 33	25 29	4 36	24 53	1 48	25 1	2 55	23 38	0 43	16 50	0 54	22 34	0 25	1 27	0 43	19 38	1 35	9 35	12 17	0 30	1 4	27 22	17 30	5 24
S 25	20 45	27 59	4 59	24 41	1 35	24 51	2 54	23 42	0 43	16 53	0 54	22 33	0 25	1 28	0 43	19 39	1 35	9 35	12 17	0 34	1 5	27 23	17 30	5 24
M26	20 57	28 21	5 1	24 26	1 21	24 41	2 54	23 46	0 44	16 57	0 54	22 33	0 25	1 29	0 43	19 39	1 35	9 35	12 17	0 38	1 6	27 24	17 29	5 24
T 27	21 8	26 39	4 42	24 9	1 6	24 30	2 53	23 50	0 44	17 0	0 54	22 33	0 25	1 30	0 43	19 39	1 35	9 35	12 17	0 42	1 7	27 25	17 29	5 24
W28	21 18	23 12	4 6	23 49	0 49	24 18	2 52	23 53	0 45	17 4	0 54	22 32	0 25	1 31	0 43	19 40	1 35	9 35	12 17	0 44	1 9	27 26	17 28	5 24
T 29	21 29	18 30	3 15	23 28	0 31	24 6	2 51	23 57	0 45	17 7	0 53	22 32	0 25	1 32	0 43	19 40	1 35	9 34	12 16	0 46	1 10	27 27	17 28	5 25
F 30	21s39	13s 0	2s16	23s 3	0s12	23s53	2s50	24s 0	0s46	17s10	0n53	22s31	0n25	1s33	0n43	19s41	1n35	9n34	12s16	0s46	1s11	27n28	17n27	5s25

Julian Day Number = 2501522.5, Delta T = 113.07 sec
Ecliptic obliquity = 23°25'27, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°39'08, Lahiri = 25°46'09

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ASTRODIENST EPHEMERIS for the year 2136
geocentric

DECEMBER 2136 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 53	9♐ 6'34	14♓42	16°R38	26♑10	23♐39	21♏22	11♑34	5♎35	5♐39	8°R27	28°D 3	26♓58	14♊18	17°R34	S 1
S 2	4 44 50	10° 7'20	27°26	15♐24	27°13	24°24	21°35	11°41	5°38	5°41	8♊26	28°R 4	26°55	14°24	17♊31	S 2
M 3	4 48 46	11° 8'08	9♈52	14° 6	28°17	25° 9	21°48	11°47	5°40	5°44	8°25	28♓ 3	26°51	14°31	17°27	M 3
T 4	4 52 43	12° 8'56	22° 4	12°43	29°19	25°54	22° 0	11°54	5°42	5°46	8°24	28° 1	26°48	14°38	17°24	T 4
W 5	4 56 39	13° 9'45	4♉ 8	11°21	0♒22	26°39	22°13	12° 0	5°44	5°48	8°23	27°55	26°45	14°45	17°20	W 5
T 6	5 0 36	14°10'36	16° 5	10° 0	1°24	27°24	22°26	12° 7	5°46	5°50	8°21	27°47	26°42	14°51	17°17	T 6
F 7	5 4 32	15°11'27	27°59	8°45	2°26	28° 9	22°39	12°13	5°48	5°53	8°20	27°36	26°39	14°58	17°13	F 7
S 8	5 8 29	16°12'19	9♊52	7°37	3°27	28°54	22°51	12°20	5°49	5°55	8°19	27°23	26°36	15° 5	17° 9	S 8
S 9	5 12 26	17°13'13	21°44	6°38	4°28	29°39	23° 4	12°26	5°51	5°57	8°18	27° 8	26°32	15°12	17° 6	S 9
M10	5 16 22	18°14'07	3♋38	5°49	5°29	0♑24	23°17	12°33	5°53	5°59	8°17	26°53	26°29	15°18	17° 2	M10
T 11	5 20 19	19°15'03	15°34	5°12	6°29	1° 9	23°29	12°40	5°55	6° 1	8°16	26°39	26°26	15°25	16°59	T 11
W12	5 24 15	20°15'59	27°35	4°46	7°29	1°55	23°42	12°46	5°56	6° 4	8°15	26°28	26°23	15°32	16°55	W12
T 13	5 28 12	21°16'57	9♌42	4°31	8°28	2°40	23°54	12°53	5°58	6° 6	8°14	26°19	26°20	15°38	16°51	T 13
F 14	5 32 8	22°17'55	21°58	4°D26	9°27	3°25	24° 7	13° 0	5°59	6° 8	8°13	26°13	26°16	15°45	16°48	F 14
S 15	5 36 5	23°18'55	4♍26	4°32	10°26	4°11	24°19	13° 7	6° 1	6°10	8°11	26°10	26°13	15°52	16°44	S 15
S 16	5 40 2	24°19'55	17°11	4°48	11°24	4°56	24°31	13°14	6° 2	6°12	8°10	26° 9	26°10	15°59	16°41	S 16
M17	5 43 58	25°20'57	0♎17	5°12	12°21	5°42	24°44	13°20	6° 4	6°15	8° 9	26° 9	26° 7	16° 5	16°37	M17
T 18	5 47 55	26°21'59	13°47	5°43	13°18	6°27	24°56	13°27	6° 5	6°17	8° 8	26° 9	26° 4	16°12	16°34	T 18
W19	5 51 51	27°23'03	27°45	6°22	14°15	7°13	25° 8	13°34	6° 6	6°19	8° 7	26° 7	26° 1	16°19	16°30	W19
T 20	5 55 48	28°24'08	12♏11	7° 6	15°10	7°59	25°20	13°41	6° 8	6°21	8° 6	26° 2	25°57	16°25	16°27	T 20
F 21	5 59 44	29°25'13	27° 1	7°56	16° 6	8°44	25°32	13°48	6° 9	6°23	8° 5	25°54	25°54	16°32	16°23	F 21
S 22	6 3 41	0♑26'20	12♐11	8°51	17° 0	9°30	25°44	13°55	6°10	6°25	8° 4	25°44	25°51	16°39	16°20	S 22
S 23	6 7 37	1°27'27	27°31	9°50	17°54	10°16	25°56	14° 2	6°11	6°27	8° 3	25°32	25°48	16°46	16°16	S 23
M24	6 11 34	2°28'34	12♑48	10°53	18°48	11° 2	26° 8	14° 9	6°12	6°29	8° 2	25°21	25°45	16°52	16°13	M24
T 25	6 15 31	3°29'42	27°51	11°59	19°40	11°48	26°20	14°16	6°13	6°32	8° 1	25°10	25°42	16°59	16° 9	T 25
W26	6 19 27	4°30'51	12♒31	13° 8	20°32	12°34	26°32	14°23	6°14	6°34	8° 0	25° 2	25°38	17° 6	16° 6	W26
T 27	6 23 24	5°31'59	26°43	14°19	21°23	13°20	26°43	14°30	6°15	6°36	7°59	24°57	25°35	17°13	16° 3	T 27
F 28	6 27 20	6°33'07	10♓25	15°32	22°14	14° 6	26°55	14°37	6°16	6°38	7°58	24°54	25°32	17°19	15°59	F 28
S 29	6 31 17	7°34'16	23°38	16°48	23° 3	14°52	27° 7	14°44	6°16	6°40	7°57	24°D54	25°29	17°26	15°56	S 29
S 30	6 35 13	8°35'24	6♈25	18° 5	23°52	15°38	27°18	14°51	6°17	6°42	7°56	24°R54	25°26	17°33	15°53	S 30
M31	6 39 10	9♑36'32	18♈51	19♐24	24♒40	16♑24	27♏29	14♑58	6♎18	6♐44	7♊55	24♓53	25♓22	17♊39	15♊49	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s48	7s 6	1s10	22s37	0n 8	23s40	2s49	24s 2	0s46	17s14	0n53	22s31	0n24	1s34	0n43	19s41	1n35	9n34	12s16	0s46	1s12	27n29	17n27	5s25
S 2	21 57	1 4	0 3	22 9	0 28	23 26	2 47	24 5	0 46	17 17	0 53	22 30	0 24	1 34	0 43	19 41	1 35	9 34	12 16	0 46	1 14	27 30	17 27	5 25
M 3	22 6	4n51	1n 2	21 40	0 49	23 11	2 45	24 7	0 47	17 21	0 53	22 30	0 24	1 35	0 43	19 42	1 35	9 34	12 16	0 46	1 15	27 31	17 26	5 25
T 4	22 14	10 30	2 4	21 11	1 8	22 57	2 43	24 9	0 47	17 24	0 53	22 29	0 24	1 36	0 43	19 42	1 35	9 34	12 16	0 47	1 16	27 32	17 26	5 25
W 5	22 22	15 41	2 58	20 41	1 27	22 41	2 41	24 11	0 48	17 27	0 53	22 29	0 24	1 37	0 43	19 43	1 35	9 34	12 16	0 50	1 17	27 33	17 25	5 26
T 6	22 29	20 14	3 45	20 13	1 45	22 25	2 39	24 12	0 48	17 30	0 53	22 28	0 24	1 37	0 43	19 43	1 35	9 34	12 16	0 53	1 19	27 34	17 25	5 26
F 7	22 36	23 56	4 21	19 46	2 0	22 9	2 37	24 13	0 49	17 34	0 53	22 28	0 24	1 38	0 43	19 43	1 35	9 33	12 16	0 57	1 20	27 35	17 24	5 26
S 8	22 43	26 37	4 46	19 22	2 14	21 52	2 34	24 14	0 49	17 37	0 53	22 27	0 24	1 39	0 43	19 44	1 35	9 33	12 16	1 3	1 21	27 36	17 24	5 26
S 9	22 49	28 7	4 58	19 1	2 25	21 35	2 32	24 15	0 49	17 40	0 53	22 27	0 24	1 40	0 43	19 44	1 35	9 33	12 16	1 8	1 23	27 37	17 23	5 26
M10	22 54	28 20	4 57	18 44	2 34	21 17	2 29	24 15	0 50	17 43	0 53	22 26	0 24	1 40	0 43	19 44	1 35	9 33	12 16	1 14	1 24	27 38	17 23	5 26
T 11	22 59	27 12	4 43	18 31	2 40	20 59	2 26	24 15	0 50	17 46	0 53	22 26	0 24	1 41	0 43	19 45	1 35	9 33	12 16	1 20	1 25	27 39	17 23	5 26
W12	23 4	24 50	4 17	18 22	2 45	20 41	2 22	24 15	0 51	17 49	0 53	22 25	0 23	1 41	0 44	19 45	1 35	9 33	12 16	1 24	1 26	27 40	17 22	5 26
T 13	23 8	21 19	3 39	18 17	2 48	20 22	2 19	24 15	0 51	17 52	0 53	22 25	0 23	1 42	0 44	19 46	1 35	9 33	12 16	1 28	1 28	27 41	17 22	5 26
F 14	23 12	16 51	2 50	18 15	2 48	20 3	2 15	24 14	0 51	17 55	0 53	22 24	0 23	1 43	0 44	19 46	1 35	9 33	12 16	1 30	1 29	27 42	17 21	5 26
S 15	23 15	11 37	1 52	18 17	2 48	19 43	2 11	24 13	0 52	17 58	0 53	22 24	0 23	1 43	0 44	19 46	1 35	9 33	12 15	1 31	1 30	27 42	17 21	5 26
S 16	23 18	5 47	0 47	18 22	2 46	19 23	2 7	24 12	0 52	18 1	0 54	22 23	0 23	1 44	0 44	19 47	1 35	9 33	12 15	1 32	1 31	27 43	17 21	5 26
M17	23 21	0s27	0s22	18 29	2 42	19 3	2 3	24 11	0 53	18 4	0 54	22 22	0 23	1 44	0 44	19 47	1 35	9 33	12 15	1 32	1 33	27 44	17 20	5 27
T 18	23 22	6 51	1 32	18 39	2 38	18 43	1 59	24 9	0 53	18 7	0 54	22 22	0 23	1 45	0 44	19 47	1 35	9 33	12 15	1 32	1 34	27 45	17 20	5 27
W19	23 24	13 8	2 38	18 50	2 33	18 22	1 54	24 7	0 53	18 10	0 54	22 21	0 23	1 45	0 44	19 48	1 35	9 33	12 15	1 33	1 35	27 46	17 19	5 27
T 20	23 25	18 55	3 37	19 4	2 27	18 1	1 49	24 5	0 54	18 13	0 54	22 21	0 23	1 46	0 44	19 48	1 35	9 33	12 15	1 35	1 36	27 47	17 19	5 27
F 21	23 25	23 45	4 23	19 18	2 21	17 40	1 44	24 2	0 54	18 16	0 54	22 20	0 23	1 46	0 44	19 48	1 35	9 33	12 15	1 38	1 38	27 48	17 19	5 27
S 22	23 25	27 3	4 52	19 33	2 14	17 18	1 39	23 59	0 54	18 19	0 54	22 19	0 23	1 47	0 44	19 49	1 35	9 33	12 15	1 42	1 39	27 48	17 18	5 27
S 23	23 25	28 24	5 0	19 49	2 7	16 56	1 33	23 56	0 55	18 22	0 54	22 19	0 23	1 47	0 44	19 49	1 35	9 33	12 14	1 46	1 40	27 49	17 18	5 27
M24	23 24	27 33	4 46	20 5	1 59	16 34	1 28	23 53	0 55	18 24	0 54	22 18	0 23	1 47	0 44	19 49	1 35	9 33	12 14	1 51	1 41	27 50	17 18	5 27
T 25	23 23	24 43	4 13	20 22	1 52	16 12	1 22	23 49	0 55	18 27	0 54	22 17	0 22	1 48	0 44	19 50	1 35	9 33	12 14	1 55	1 43	27 51	17 17	5 27
W26	23 21	20 18	3 24	20 39	1 44	15 50	1 15	23 45	0 56	18 30	0 54	22 17	0 22	1 48	0 44	19 50	1 35	9 33	12 14	1 58	1 44	27 52	17 17	5 26
T 27	23 19	14 50	2 23	20 55	1 36	15 27	1 9	23 41	0 56	18 32	0 54	22 16	0 22	1 48	0 44	19 50	1 35	9 33	12 14	2 0	1 45	27 53	17 17	5 26
F 28	23 16	8 49	1 16	21 11	1 27	15 5	1 2	23 37	0 56	18 35	0 54	22 15	0 22	1 48	0 44	19 51	1 35	9 33	12 14	2 1	1 46	27 53	17 17	5 26
S 29	23 12	2 38	0 7	21 27	1 19	14 42	0 55	23 32	0 57	18 38	0 54	22 15	0 22	1 49	0 44	19 51	1 35	9 33	12 14	2 2	1 48	27 54	17 16	5 26
S 30	23 9	3n29	1n 1	21 43	1 11	14 19	0 48	23 27	0 57	18 40	0 54	22 14	0 22	1 49	0 44	19 51	1 35	9 33	12 13	2 2	1 49	27 55	17 16	5 26
M31	23s 5	9n17	2n 3	21s58	1n 3	13s56	0s41	23s22	0s57	18s43	0n54	22s13	0n22	1s49	0n44	19s52	1n35	9n33	12s13	2s 2	1s50	27n56	17n16	5s26

Julian Day Number = 2501552.5, Delta T = 113.13 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°39'12, Lahiri = 25°46'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2137
geocentric

JANUARY 2137 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 43 6	10♑37'41	1♉ 2	20♐44	25♒27	17♑10	27♏41	15♑ 5	6♎18	6♐46	7°R54	24°R51	25♓19	17♊46	15°R46	T 1
W 2	6 47 3	11°38'49	13° 2	22° 5	26°13	17°56	27°52	15°12	6°19	6°48	7♊53	24♓47	25°16	17°53	15♊43	W 2
T 3	6 51 0	12°39'57	24°55	23°28	26°58	18°43	28° 3	15°19	6°19	6°49	7°52	24°40	25°13	18° 0	15°40	T 3
F 4	6 54 56	13°41'05	6♊46	24°51	27°42	19°29	28°14	15°27	6°19	6°51	7°51	24°30	25°10	18° 6	15°37	F 4
S 5	6 58 53	14°42'13	18°38	26°15	28°24	20°15	28°25	15°34	6°20	6°53	7°50	24°18	25° 7	18°13	15°34	S 5
S 6	7 2 49	15°43'21	0♋32	27°41	29° 6	21° 2	28°36	15°41	6°20	6°55	7°50	24° 5	25° 3	18°20	15°31	S 6
M 7	7 6 46	16°44'29	12°31	29° 6	29°47	21°48	28°47	15°48	6°20	6°57	7°49	23°51	25° 0	18°27	15°28	M 7
T 8	7 10 42	17°45'36	24°35	0♌33	0♓26	22°35	28°58	15°55	6°20	6°59	7°48	23°38	24°57	18°33	15°25	T 8
W 9	7 14 39	18°46'44	6♌45	2° 0	1° 4	23°21	29° 9	16° 2	6°21	7° 1	7°47	23°28	24°54	18°40	15°22	W 9
T 10	7 18 36	19°47'52	19° 3	3°28	1°40	24° 8	29°19	16° 9	6°R21	7° 2	7°46	23°20	24°51	18°47	15°19	T 10
F 11	7 22 32	20°48'59	1♍30	4°57	2°16	24°54	29°30	16°16	6°21	7° 4	7°45	23°15	24°48	18°53	15°17	F 11
S 12	7 26 29	21°50'07	14° 8	6°26	2°50	25°41	29°40	16°23	6°21	7° 6	7°45	23°12	24°44	19° 0	15°14	S 12
S 13	7 30 25	22°51'14	26°59	7°55	3°22	26°27	29°51	16°30	6°20	7° 8	7°44	23°D12	24°41	19° 7	15°11	S 13
M14	7 34 22	23°52'21	10♎ 6	9°25	3°53	27°14	0♐ 1	16°37	6°20	7° 9	7°43	23°13	24°38	19°14	15° 9	M14
T 15	7 38 18	24°53'28	23°32	10°56	4°22	28° 1	0°11	16°44	6°20	7°11	7°42	23°R13	24°35	19°20	15° 6	T 15
W16	7 42 15	25°54'36	7♏20	12°27	4°49	28°47	0°21	16°51	6°20	7°13	7°42	23°13	24°32	19°27	15° 4	W16
T 17	7 46 11	26°55'43	21°30	13°59	5°15	29°34	0°31	16°58	6°19	7°14	7°41	23°10	24°28	19°34	15° 1	T 17
F 18	7 50 8	27°56'50	6♐ 1	15°31	5°39	0♒21	0°41	17° 5	6°19	7°16	7°40	23° 5	24°25	19°40	14°59	F 18
S 19	7 54 5	28°57'57	20°50	17° 3	6° 2	1° 8	0°51	17°12	6°19	7°17	7°40	22°58	24°22	19°47	14°57	S 19
S 20	7 58 1	29°59'04	5♑49	18°37	6°22	1°55	1° 0	17°19	6°18	7°19	7°39	22°50	24°19	19°54	14°55	S 20
M21	8 1 58	1♒ 0'10	20°51	20°10	6°40	2°41	1°10	17°26	6°17	7°21	7°38	22°41	24°16	20° 1	14°52	M21
T 22	8 5 54	2° 1'16	5♒45	21°45	6°56	3°28	1°19	17°33	6°17	7°22	7°38	22°33	24°13	20° 7	14°50	T 22
W23	8 9 51	3° 2'21	20°22	23°20	7°11	4°15	1°28	17°40	6°16	7°24	7°37	22°27	24° 9	20°14	14°48	W23
T 24	8 13 47	4° 3'25	4♓37	24°55	7°23	5° 2	1°38	17°47	6°15	7°25	7°37	22°24	24° 6	20°21	14°46	T 24
F 25	8 17 44	5° 4'28	18°24	26°31	7°32	5°49	1°47	17°54	6°15	7°26	7°36	22°D22	24° 3	20°28	14°44	F 25
S 26	8 21 40	6° 5'31	1♈44	28° 7	7°40	6°36	1°56	18° 1	6°14	7°28	7°35	22°22	24° 0	20°34	14°42	S 26
S 27	8 25 37	7° 6'32	14°38	29°45	7°45	7°23	2° 4	18° 8	6°13	7°29	7°35	22°24	23°57	20°41	14°41	S 27
M28	8 29 34	8° 7'32	27°10	1♒22	7°47	8°10	2°13	18°15	6°12	7°31	7°34	22°25	23°54	20°48	14°39	M28
T 29	8 33 30	9° 8'32	9♉24	3° 1	7°R48	8°57	2°22	18°21	6°11	7°32	7°34	22°R26	23°50	20°54	14°37	T 29
W30	8 37 27	10° 9'30	21°26	4°40	7°45	9°44	2°30	18°28	6°10	7°33	7°33	22°25	23°47	21° 1	14°36	W30
T 31	8 41 23	11♒10'27	3♊20	6♒19	7♓41	10♒31	2♐39	18♑35	6♎ 9	7♐34	7♊33	22♓22	23♓44	21♊ 8	14♊34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 0	14n37	2n59	22s12	0n54	13s33	0s33	23s16	0s58	18s45	0n54	22s12	0n22	1s49	0n44	19s52	1n35	9n33	12s13	2s 3	1s51	27n56	17n16	5s26
W 2	22 55	19 19	3 46	22 25	0 46	13 10	0 25	23 11	0 58	18 48	0 54	22 12	0 22	1 50	0 44	19 52	1 35	9 33	12 13	2 4	1 53	27 57	17 15	5 26
T 3	22 49	23 13	4 22	22 38	0 38	12 47	0 17	23 5	0 58	18 50	0 54	22 11	0 22	1 50	0 44	19 52	1 35	9 33	12 13	2 7	1 54	27 58	17 15	5 26
F 4	22 43	26 8	4 47	22 50	0 30	12 24	0 9	22 58	0 59	18 53	0 54	22 10	0 22	1 50	0 44	19 53	1 35	9 33	12 12	2 11	1 55	27 59	17 15	5 26
S 5	22 37	27 55	5 0	23 0	0 22	12 1	0 0	22 52	0 59	18 55	0 54	22 10	0 22	1 50	0 44	19 53	1 35	9 33	12 12	2 16	1 57	27 59	17 15	5 26
S 6	22 30	28 25	4 59	23 10	0 14	11 39	0n 9	22 45	0 59	18 57	0 54	22 9	0 22	1 50	0 44	19 53	1 35	9 33	12 12	2 21	1 58	28 0	17 14	5 26
M 7	22 23	27 34	4 46	23 19	0 6	11 16	0 18	22 38	0 59	19 0	0 54	22 8	0 21	1 50	0 45	19 54	1 35	9 33	12 12	2 26	1 59	28 1	17 14	5 25
T 8	22 15	25 26	4 19	23 27	0s 1	10 53	0 27	22 31	1 0	19 2	0 54	22 7	0 21	1 50	0 45	19 54	1 35	9 33	12 12	2 31	2 0	28 2	17 14	5 25
W 9	22 7	22 8	3 40	23 33	0 9	10 31	0 37	22 23	1 0	19 4	0 54	22 7	0 21	1 50	0 45	19 54	1 35	9 33	12 11	2 36	2 2	28 2	17 14	5 25
T 10	21 58	17 49	2 51	23 39	0 16	10 8	0 47	22 16	1 0	19 6	0 54	22 6	0 21	1 50	0 45	19 54	1 35	9 33	12 11	2 39	2 3	28 3	17 14	5 25
F 11	21 49	12 41	1 53	23 43	0 23	9 46	0 57	22 7	1 0	19 9	0 54	22 5	0 21	1 50	0 45	19 55	1 35	9 33	12 11	2 41	2 4	28 4	17 14	5 25
S 12	21 39	6 59	0 48	23 46	0 30	9 24	1 8	21 59	1 1	19 11	0 54	22 4	0 21	1 50	0 45	19 55	1 35	9 33	12 11	2 42	2 5	28 4	17 14	5 25
S 13	21 29	0 53	0s20	23 48	0 37	9 3	1 19	21 51	1 1	19 13	0 55	22 3	0 21	1 50	0 45	19 55	1 35	9 34	12 11	2 42	2 7	28 5	17 13	5 25
M14	21 19	5s22	1 29	23 49	0 44	8 41	1 30	21 42	1 1	19 15	0 55	22 3	0 21	1 50	0 45	19 55	1 35	9 34	12 10	2 42	2 8	28 6	17 13	5 24
T 15	21 8	11 32	2 35	23 49	0 50	8 20	1 41	21 33	1 1	19 17	0 55	22 2	0 21	1 50	0 45	19 56	1 35	9 34	12 10	2 41	2 9	28 6	17 13	5 24
W16	20 57	17 18	3 33	23 47	0 56	7 59	1 52	21 24	1 1	19 19	0 55	22 1	0 21	1 49	0 45	19 56	1 35	9 34	12 10	2 42	2 10	28 7	17 13	5 24
T 17	20 46	22 19	4 20	23 44	1 3	7 39	2 4	21 14	1 2	19 21	0 55	22 0	0 21	1 49	0 45	19 56	1 35	9 34	12 10	2 43	2 12	28 7	17 13	5 24
F 18	20 34	26 5	4 52	23 39	1 8	7 19	2 16	21 4	1 2	19 23	0 55	21 59	0 21	1 49	0 45	19 56	1 35	9 34	12 9	2 45	2 13	28 8	17 13	5 24
S 19	20 21	28 11	5 5	23 33	1 14	6 59	2 29	20 54	1 2	19 25	0 55	21 59	0 21	1 49	0 45	19 57	1 35	9 34	12 9	2 47	2 14	28 9	17 13	5 23
S 20	20 8	28 15	4 58	23 26	1 19	6 40	2 41	20 44	1 2	19 27	0 55	21 58	0 21	1 49	0 45	19 57	1 36	9 34	12 9	2 51	2 15	28 9	17 13	5 23
M21	19 55	26 15	4 30	23 18	1 24	6 22	2 54	20 34	1 2	19 29	0 55	21 57	0 21	1 48	0 45	19 57	1 36	9 35	12 9	2 54	2 17	28 10	17 13	5 23
T 22	19 42	22 26	3 44	23 8	1 29	6 3	3 7	20 23	1 3	19 31	0 55	21 56	0 20	1 48	0 45	19 57	1 36	9 35	12 8	2 57	2 18	28 10	17 13	5 23
W23	19 28	17 16	2 43	22 57	1 34	5 46	3 20	20 12	1 3	19 33	0 55	21 55	0 20	1 48	0 45	19 57	1 36	9 35	12 8	2 59	2 19	28 11	17 13	5 23
T 24	19 14	11 17	1 34	22 44	1 38	5 29	3 34	20 1	1 3	19 34	0 55	21 54	0 20	1 48	0 45	19 58	1 36	9 35	12 8	3 1	2 20	28 12	17 13	5 22
F 25	18 59	4 55	0 21	22 31	1 42	5 13	3 48	19 49	1 3	19 36	0 55	21 54	0 20	1 47	0 45	19 58	1 36	9 35	12 8	3 2	2 22	28 12	17 13	5 22
S 26	18 44	1n27	0n50	22 15	1 46	4 57	4 1	19 38	1 3	19 38	0 55	21 53	0 20	1 47	0 45	19 58	1 36	9 35	12 7	3 1	2 23	28 13	17 13	5 22
S 27	18 29	7 34	1 57	21 58	1 49	4 42	4 15	19 26	1 3	19 39	0 55	21 52	0 20	1 46	0 45	19 58	1 36	9 36	12 7	3 1	2 24	28 13	17 13	5 22
M28	18 13	13 12	2 57	21 40	1 53	4 28	4 29	19 14	1 4	19 41	0 56	21 51	0 20	1 46	0 45	19 58	1 36	9 36	12 7	3 0	2 25	28 14	17 13	5 21
T 29	17 57	18 12	3 47	21 21	1 55	4 15	4 43	19 2	1 4	19 43	0 56	21 50	0 20	1 46	0 45	19 59	1 36	9 36	12 7	3 0	2 27	28 14	17 13	5 21
W30	17 41	22 23	4 26	21 0	1 58	4 3	4 58	18 49	1 4	19 44	0 56	21 49	0 20	1 45	0 45	19 59	1 36	9 36	12 6	3 0	2 28	28 15	17 13	5 21
T 31	17s25	25n36	4n53	20s37	2s 0	3s51	5n12	18s37	1s 4	19s46	0n56	21s48	0n20	1s45	0n45	19s59	1n36	9n36	12s 6	3s 2	2s29	28n15	17n13	5s21

Julian Day Number = 2501583.5, Delta T = 113.18 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°39'17, Lahiri = 25°46'17

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ASTRODIENST EPHEMERIS for the year 2137
geocentric

FEBRUARY 2137 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 45 20	12♒11'23	15♊12	8♒ 0	7°R33	11♒19	2♐47	18♑42	6°R 8	7♐36	7°R33	22°R18	23♓41	21♊15	14°R33	F 1
S 2	8 49 16	13°12'17	27° 4	9°41	7♓23	12° 6	2°55	18°48	6♎ 6	7°37	7♊32	22♓12	23°38	21°21	14♊31	S 2
S 3	8 53 13	14°13'11	9♋ 1	11°22	7°11	12°53	3° 3	18°55	6° 5	7°38	7°32	22° 5	23°34	21°28	14°30	S 3
M 4	8 57 9	15°14'03	21° 5	13° 5	6°56	13°40	3°11	19° 2	6° 4	7°39	7°32	21°57	23°31	21°35	14°29	M 4
T 5	9 1 6	16°14'54	3♌18	14°48	6°39	14°27	3°18	19° 8	6° 3	7°40	7°31	21°51	23°28	21°42	14°28	T 5
W 6	9 5 3	17°15'44	15°41	16°32	6°19	15°14	3°26	19°15	6° 1	7°41	7°31	21°45	23°25	21°48	14°27	W 6
T 7	9 8 59	18°16'33	28°15	18°17	5°57	16° 2	3°33	19°21	6° 0	7°42	7°31	21°41	23°22	21°55	14°26	T 7
F 8	9 12 56	19°17'20	11♍ 0	20° 2	5°32	16°49	3°41	19°28	5°58	7°43	7°30	21°39	23°19	22° 2	14°25	F 8
S 9	9 16 52	20°18'06	23°57	21°48	5° 6	17°36	3°48	19°34	5°57	7°44	7°30	21°D38	23°15	22° 8	14°24	S 9
S 10	9 20 49	21°18'52	7♎ 6	23°35	4°37	18°23	3°55	19°41	5°55	7°45	7°30	21°39	23°12	22°15	14°23	S 10
M11	9 24 45	22°19'36	20°28	25°22	4° 7	19°11	4° 2	19°47	5°54	7°46	7°30	21°41	23° 9	22°22	14°22	M11
T 12	9 28 42	23°20'19	4♏ 3	27°10	3°35	19°58	4° 9	19°53	5°52	7°47	7°29	21°42	23° 6	22°29	14°22	T 12
W13	9 32 38	24°21'02	17°52	28°59	3° 1	20°45	4°15	20° 0	5°50	7°48	7°29	21°R43	23° 3	22°35	14°21	W13
T 14	9 36 35	25°21'43	1♐55	0♓48	2°27	21°32	4°22	20° 6	5°49	7°49	7°29	21°43	23° 0	22°42	14°21	T 14
F 15	9 40 32	26°22'24	16°11	2°37	1°51	22°20	4°28	20°12	5°47	7°49	7°29	21°42	22°56	22°49	14°20	F 15
S 16	9 44 28	27°23'03	0♑37	4°27	1°15	23° 7	4°34	20°18	5°45	7°50	7°29	21°40	22°53	22°55	14°20	S 16
S 17	9 48 25	28°23'41	15° 9	6°18	0°38	23°54	4°40	20°24	5°43	7°51	7°29	21°37	22°50	23° 2	14°20	S 17
M18	9 52 21	29°24'18	29°42	8° 8	0° 0	24°42	4°46	20°30	5°41	7°52	7°29	21°33	22°47	23° 9	14°20	M18
T 19	9 56 18	0♓24'54	14♒11	9°58	29♒23	25°29	4°51	20°36	5°39	7°52	7°29	21°30	22°44	23°16	14°19	T 19
W20	10 0 14	1°25'28	28°28	11°48	28°46	26°17	4°57	20°42	5°37	7°53	7°D29	21°28	22°40	23°22	14°D19	W20
T 21	10 4 11	2°26'01	12♓28	13°38	28° 9	27° 4	5° 2	20°48	5°35	7°54	7°29	21°27	22°37	23°29	14°20	T 21
F 22	10 8 7	3°26'32	26° 8	15°27	27°33	27°51	5° 7	20°54	5°33	7°54	7°29	21°D27	22°34	23°36	14°20	F 22
S 23	10 12 4	4°27'01	9♈27	17°14	26°58	28°39	5°12	21° 0	5°31	7°55	7°29	21°27	22°31	23°43	14°20	S 23
S 24	10 16 1	5°27'28	22°23	19° 1	26°25	29°26	5°17	21° 6	5°29	7°55	7°29	21°29	22°28	23°49	14°20	S 24
M25	10 19 57	6°27'54	4♉59	20°45	25°52	0♓13	5°22	21°11	5°27	7°56	7°29	21°30	22°25	23°56	14°21	M25
T 26	10 23 54	7°28'18	17°17	22°27	25°21	1° 1	5°27	21°17	5°25	7°56	7°29	21°31	22°21	24° 3	14°21	T 26
W27	10 27 50	8°28'40	29°23	24° 7	24°52	1°48	5°31	21°23	5°22	7°56	7°29	21°32	22°18	24° 9	14°22	W27
T 28	10 31 47	9♓29'00	11♊19	25♓43	24♒25	2♓35	5♐35	21♑28	5♎20	7♐57	7♊29	21°R32	22♓15	24♊16	14♊22	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s 8	27n41	5n 7	20s13	2s 2	3s41	5n26	18s24	1s 4	19s47	0n56	21s48	0n20	1s44	0n45	19s59	1n36	9n36	12s 6	3s 3	2s30	28n16	17n13	5s20
S 2	16 51	28 32	5 8	19 48	2 3	3 31	5 40	18 11	1 4	19 49	0 56	21 47	0 20	1 44	0 45	19 59	1 36	9 37	12 6	3 6	2 32	28 16	17 13	5 20
S 3	16 33	28 2	4 56	19 21	2 4	3 23	5 54	17 58	1 4	19 50	0 56	21 46	0 20	1 43	0 45	19 59	1 36	9 37	12 5	3 8	2 33	28 17	17 14	5 20
M 4	16 15	26 14	4 31	18 52	2 5	3 16	6 8	17 44	1 4	19 52	0 56	21 45	0 20	1 43	0 46	19 59	1 36	9 37	12 5	3 11	2 34	28 17	17 14	5 20
T 5	15 57	23 11	3 53	18 23	2 5	3 9	6 21	17 31	1 4	19 53	0 56	21 44	0 20	1 42	0 46	20 0	1 36	9 37	12 5	3 14	2 35	28 18	17 14	5 19
W 6	15 39	19 3	3 3	17 52	2 5	3 4	6 34	17 17	1 5	19 54	0 56	21 43	0 20	1 42	0 46	20 0	1 36	9 38	12 5	3 16	2 37	28 18	17 14	5 19
T 7	15 21	14 1	2 4	17 19	2 4	3 0	6 47	17 3	1 5	19 56	0 56	21 42	0 20	1 41	0 46	20 0	1 36	9 38	12 4	3 18	2 38	28 19	17 14	5 19
F 8	15 2	8 20	0 58	16 45	2 3	2 57	7 0	16 49	1 5	19 57	0 56	21 42	0 19	1 40	0 46	20 0	1 36	9 38	12 4	3 19	2 39	28 19	17 14	5 19
S 9	14 43	2 12	0s13	16 9	2 2	2 56	7 12	16 35	1 5	19 58	0 57	21 41	0 19	1 40	0 46	20 0	1 36	9 38	12 4	3 19	2 41	28 20	17 15	5 18
S 10	14 23	4s 6	1 24	15 32	2 0	2 55	7 23	16 20	1 5	19 59	0 57	21 40	0 19	1 39	0 46	20 0	1 36	9 39	12 3	3 19	2 42	28 20	17 15	5 18
M11	14 4	10 20	2 31	14 54	1 57	2 56	7 34	16 5	1 5	20 1	0 57	21 39	0 19	1 38	0 46	20 0	1 36	9 39	12 3	3 18	2 43	28 20	17 15	5 18
T 12	13 44	16 11	3 32	14 14	1 54	2 58	7 44	15 51	1 5	20 2	0 57	21 38	0 19	1 38	0 46	20 0	1 37	9 39	12 3	3 17	2 44	28 21	17 15	5 17
W13	13 24	21 19	4 21	13 33	1 51	3 1	7 54	15 36	1 5	20 3	0 57	21 37	0 19	1 37	0 46	20 0	1 37	9 39	12 3	3 17	2 46	28 21	17 15	5 17
T 14	13 4	25 21	4 55	12 50	1 46	3 5	8 3	15 20	1 5	20 4	0 57	21 36	0 19	1 36	0 46	20 1	1 37	9 40	12 2	3 17	2 47	28 22	17 16	5 17
F 15	12 43	27 53	5 12	12 7	1 42	3 10	8 10	15 5	1 5	20 5	0 57	21 35	0 19	1 36	0 46	20 1	1 37	9 40	12 2	3 17	2 48	28 22	17 16	5 17
S 16	12 22	28 35	5 10	11 22	1 36	3 16	8 17	14 50	1 5	20 6	0 57	21 35	0 19	1 35	0 46	20 1	1 37	9 40	12 2	3 18	2 49	28 22	17 16	5 16
S 17	12 1	27 20	4 48	10 36	1 30	3 23	8 24	14 34	1 5	20 7	0 57	21 34	0 19	1 34	0 46	20 1	1 37	9 40	12 1	3 20	2 51	28 23	17 16	5 16
M18	11 40	24 13	4 7	9 48	1 24	3 31	8 29	14 18	1 5	20 8	0 57	21 33	0 19	1 33	0 46	20 1	1 37	9 41	12 1	3 21	2 52	28 23	17 17	5 16
T 19	11 19	19 37	3 11	9 0	1 16	3 39	8 33	14 2	1 5	20 9	0 58	21 32	0 19	1 32	0 46	20 1	1 37	9 41	12 1	3 22	2 53	28 23	17 17	5 15
W20	10 58	13 56	2 3	8 11	1 8	3 49	8 36	13 46	1 5	20 10	0 58	21 31	0 19	1 32	0 46	20 1	1 37	9 41	12 1	3 23	2 54	28 24	17 17	5 15
T 21	10 36	7 38	0 49	7 21	1 0	3 59	8 38	13 30	1 5	20 11	0 58	21 30	0 19	1 31	0 46	20 1	1 37	9 41	12 0	3 23	2 56	28 24	17 18	5 15
F 22	10 14	1 8	0n26	6 31	0 51	4 10	8 40	13 14	1 5	20 12	0 58	21 30	0 19	1 30	0 46	20 1	1 37	9 42	12 0	3 23	2 57	28 24	17 18	5 14
S 23	9 52	5n14	1 38	5 40	0 41	4 21	8 40	12 57	1 5	20 12	0 58	21 29	0 19	1 29	0 46	20 1	1 37	9 42	12 0	3 23	2 58	28 25	17 18	5 14
S 24	9 30	11 13	2 43	4 48	0 30	4 33	8 40	12 40	1 5	20 13	0 58	21 28	0 19	1 28	0 46	20 1	1 37	9 42	11 59	3 23	2 59	28 25	17 19	5 14
M25	9 8	16 35	3 38	3 57	0 19	4 45	8 38	12 24	1 5	20 14	0 58	21 27	0 19	1 27	0 46	20 1	1 37	9 43	11 59	3 22	3 1	28 25	17 19	5 14
T 26	8 46	21 10	4 22	3 6	0 7	4 57	8 36	12 7	1 5	20 14	0 58	21 26	0 18	1 27	0 46	20 1	1 37	9 43	11 59	3 22	3 2	28 26	17 19	5 13
W27	8 23	24 46	4 53	2 15	0n 5	5 10	8 32	11 50	1 5	20 15	0 58	21 25	0 18	1 26	0 46	20 1	1 37	9 43	11 59	3 21	3 3	28 26	17 20	5 13
T 28	8s 1	27n16	5n11	1s26	0n18	5s22	8n28	11s33	1s 5	20s16	0n58	21s25	0n18	1s25	0n46	20s 1	1n37	9n44	11s58	3s21	3s 4	28n26	17n20	5s13

Julian Day Number = 2501614.5, Delta T = 113.23 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°39'21, Lahiri = 25°46'21

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ASTRODIENST EPHEMERIS for the year 2137
geocentric

MARCH 2137 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 35 43	10♓29'18	23♊12	27♓15	24°R 0	3♓23	5♐39	21♑34	5°R18	7♐57	7♊30	21°R32	22♓12	24♊23	14♊23	F 1
S 2	10 39 40	11°29'34	5♋ 5	28°43	23♒37	4°10	5°43	21°39	5♎16	7°57	7°30	21♓31	22° 9	24°30	14°24	S 2
S 3	10 43 36	12°29'48	17° 4	0♈ 5	23°16	4°58	5°47	21°44	5°13	7°58	7°30	21°30	22° 6	24°36	14°24	S 3
M 4	10 47 33	13°30'01	29°11	1°22	22°58	5°45	5°50	21°50	5°11	7°58	7°30	21°29	22° 2	24°43	14°25	M 4
T 5	10 51 30	14°30'11	11♌30	2°33	22°42	6°32	5°53	21°55	5° 9	7°58	7°31	21°28	21°59	24°50	14°26	T 5
W 6	10 55 26	15°30'19	24° 4	3°37	22°28	7°20	5°57	22° 0	5° 6	7°58	7°31	21°27	21°56	24°57	14°27	W 6
T 7	10 59 23	16°30'25	6♍54	4°33	22°17	8° 7	5°59	22° 5	5° 4	7°58	7°31	21°26	21°53	25° 3	14°28	T 7
F 8	11 3 19	17°30'30	19°59	5°22	22° 8	8°54	6° 2	22°10	5° 1	7°58	7°32	21°D26	21°50	25°10	14°30	F 8
S 9	11 7 16	18°30'32	3♎20	6° 2	22° 2	9°41	6° 5	22°15	4°59	7°58	7°32	21°26	21°46	25°17	14°31	S 9
S 10	11 11 12	19°30'33	16°56	6°34	21°58	10°29	6° 7	22°20	4°56	7°R58	7°32	21°26	21°43	25°23	14°32	S 10
M11	11 15 9	20°30'32	0♏43	6°57	21°D57	11°16	6°10	22°25	4°54	7°58	7°33	21°27	21°40	25°30	14°34	M11
T 12	11 19 5	21°30'29	14°41	7°11	21°58	12° 3	6°12	22°29	4°51	7°58	7°33	21°R27	21°37	25°37	14°35	T 12
W13	11 23 2	22°30'25	28°46	7°R16	22° 2	12°51	6°13	22°34	4°49	7°58	7°34	21°27	21°34	25°44	14°37	W13
T 14	11 26 59	23°30'19	12♐55	7°12	22° 8	13°38	6°15	22°39	4°46	7°58	7°34	21°27	21°31	25°50	14°38	T 14
F 15	11 30 55	24°30'12	27° 8	7° 0	22°16	14°25	6°17	22°43	4°44	7°58	7°35	21°D27	21°27	25°57	14°40	F 15
S 16	11 34 52	25°30'03	11♑20	6°40	22°26	15°12	6°18	22°48	4°41	7°58	7°35	21°27	21°24	26° 4	14°42	S 16
S 17	11 38 48	26°29'52	25°30	6°11	22°39	16° 0	6°19	22°52	4°39	7°58	7°36	21°27	21°21	26°10	14°44	S 17
M18	11 42 45	27°29'40	9♒36	5°36	22°54	16°47	6°20	22°56	4°36	7°57	7°36	21°27	21°18	26°17	14°46	M18
T 19	11 46 41	28°29'26	23°34	4°55	23°10	17°34	6°21	23° 1	4°34	7°57	7°37	21°28	21°15	26°24	14°48	T 19
W20	11 50 38	29°29'10	7♓23	4° 9	23°29	18°21	6°21	23° 5	4°31	7°57	7°37	21°29	21°12	26°31	14°50	W20
T 21	11 54 34	0♈28'52	20°58	3°19	23°50	19° 8	6°22	23° 9	4°28	7°56	7°38	21°R29	21° 8	26°37	14°52	T 21
F 22	11 58 31	1°28'32	4♈20	2°27	24°12	19°56	6°R22	23°13	4°26	7°56	7°38	21°29	21° 5	26°44	14°54	F 22
S 23	12 2 28	2°28'11	17°25	1°32	24°36	20°43	6°22	23°17	4°23	7°56	7°39	21°28	21° 2	26°51	14°56	S 23
S 24	12 6 24	3°27'47	0♉14	0°37	25° 2	21°30	6°22	23°21	4°21	7°55	7°40	21°26	20°59	26°58	14°59	S 24
M25	12 10 21	4°27'21	12°46	29♓43	25°30	22°17	6°21	23°24	4°18	7°55	7°40	21°25	20°56	27° 4	15° 1	M25
T 26	12 14 17	5°26'53	25° 5	28°51	25°59	23° 4	6°21	23°28	4°15	7°54	7°41	21°23	20°52	27°11	15° 3	T 26
W27	12 18 14	6°26'22	7♊11	28° 1	26°29	23°51	6°20	23°32	4°13	7°54	7°42	21°21	20°49	27°18	15° 6	W27
T 28	12 22 10	7°25'50	19° 9	27°15	27° 1	24°38	6°19	23°35	4°10	7°53	7°43	21°19	20°46	27°24	15° 9	T 28
F 29	12 26 7	8°25'15	1♋ 2	26°34	27°35	25°25	6°18	23°39	4° 8	7°52	7°43	21°18	20°43	27°31	15°11	F 29
S 30	12 30 3	9°24'38	12°55	25°57	28° 9	26°12	6°17	23°42	4° 5	7°52	7°44	21°D18	20°40	27°38	15°14	S 30
S 31	12 34 0	10♈23'58	24♋53	25♓25	28♒45	26♓59	6♐15	23♑45	4♎ 2	7♐51	7♊45	21♓19	20♓37	27♊45	15♊17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s38	28n31	5n16	0s37	0n31	5s35	8n23	11s16	1s 4	20s16	0n59	21s24	0n18	1s24	0n46	20s 1	1n37	9n44	11s58	3s21	3s 6	28n27	17n20	5s12
S 2	7 15	28 27	5 7	0n11	0 45	5 48	8 18	10 58	1 4	20 17	0 59	21 23	0 18	1 23	0 46	20 1	1 37	9 44	11 58	3 22	3 7	28 27	17 21	5 12
S 3	6 52	27 3	4 45	0 56	0 59	6 0	8 12	10 41	1 4	20 17	0 59	21 22	0 18	1 22	0 46	20 1	1 37	9 45	11 57	3 22	3 8	28 27	17 21	5 12
M 4	6 29	24 23	4 11	1 40	1 13	6 12	8 5	10 24	1 4	20 18	0 59	21 21	0 18	1 21	0 46	20 1	1 38	9 45	11 57	3 23	3 9	28 27	17 22	5 11
T 5	6 6	20 35	3 24	2 21	1 27	6 25	7 57	10 6	1 4	20 18	0 59	21 21	0 18	1 20	0 46	20 1	1 38	9 45	11 57	3 23	3 11	28 27	17 22	5 11
W 6	5 43	15 47	2 26	2 59	1 42	6 36	7 49	9 48	1 4	20 19	0 59	21 20	0 18	1 19	0 46	20 1	1 38	9 46	11 57	3 23	3 12	28 28	17 22	5 11
T 7	5 19	10 13	1 20	3 35	1 56	6 48	7 41	9 30	1 4	20 19	0 59	21 19	0 18	1 18	0 46	20 1	1 38	9 46	11 56	3 24	3 13	28 28	17 23	5 10
F 8	4 56	4 5	0 8	4 7	2 9	6 59	7 32	9 13	1 4	20 20	0 59	21 18	0 18	1 17	0 46	20 1	1 38	9 46	11 56	3 24	3 14	28 28	17 23	5 10
S 9	4 33	2s20	1s 6	4 35	2 23	7 9	7 23	8 55	1 4	20 20	0 59	21 18	0 18	1 16	0 46	20 1	1 38	9 47	11 56	3 24	3 16	28 28	17 24	5 10
S 10	4 9	8 45	2 17	4 59	2 35	7 19	7 14	8 37	1 3	20 20	1 0	21 17	0 18	1 15	0 46	20 1	1 38	9 47	11 55	3 23	3 17	28 29	17 24	5 10
M11	3 46	14 51	3 21	5 19	2 47	7 29	7 4	8 19	1 3	20 21	1 0	21 16	0 18	1 14	0 46	20 1	1 38	9 47	11 55	3 23	3 18	28 29	17 25	5 9
T 12	3 22	20 16	4 14	5 34	2 58	7 38	6 54	8 0	1 3	20 21	1 0	21 15	0 18	1 13	0 46	20 1	1 38	9 48	11 55	3 23	3 19	28 29	17 25	5 9
W13	2 58	24 37	4 52	5 45	3 8	7 47	6 44	7 42	1 3	20 21	1 0	21 15	0 18	1 12	0 46	20 1	1 38	9 48	11 55	3 23	3 21	28 29	17 26	5 9
T 14	2 35	27 31	5 13	5 52	3 16	7 55	6 34	7 24	1 3	20 21	1 0	21 14	0 18	1 11	0 46	20 1	1 38	9 48	11 54	3 23	3 22	28 29	17 26	5 8
F 15	2 11	28 39	5 15	5 53	3 23	8 2	6 23	7 5	1 3	20 21	1 0	21 13	0 18	1 10	0 46	20 1	1 38	9 49	11 54	3 23	3 23	28 29	17 26	5 8
S 16	1 47	27 53	4 58	5 50	3 28	8 9	6 13	6 47	1 2	20 22	1 0	21 13	0 18	1 9	0 46	20 0	1 38	9 49	11 54	3 23	3 24	28 29	17 27	5 8
S 17	1 23	25 20	4 23	5 42	3 32	8 15	6 2	6 29	1 2	20 22	1 0	21 12	0 18	1 8	0 46	20 0	1 38	9 49	11 53	3 23	3 26	28 30	17 27	5 7
M18	1 0	21 14	3 32	5 30	3 34	8 20	5 51	6 10	1 2	20 22	1 0	21 11	0 17	1 7	0 46	20 0	1 38	9 50	11 53	3 23	3 27	28 30	17 28	5 7
T 19	0 36	15 59	2 29	5 14	3 34	8 25	5 41	5 51	1 2	20 22	1 0	21 11	0 17	1 6	0 46	20 0	1 38	9 50	11 53	3 23	3 28	28 30	17 28	5 7
W20	0 12	10 0	1 17	4 53	3 32	8 29	5 30	5 33	1 2	20 22	1 1	21 10	0 17	1 5	0 46	20 0	1 38	9 50	11 53	3 23	3 29	28 30	17 29	5 7
T 21	0n11	3 37	0 3	4 30	3 28	8 33	5 19	5 14	1 1	20 22	1 1	21 9	0 17	1 4	0 46	20 0	1 38	9 51	11 52	3 23	3 31	28 30	17 29	5 6
F 22	0 35	2n48	1n11	4 4	3 22	8 35	5 8	4 55	1 1	20 22	1 1	21 9	0 17	1 3	0 46	20 0	1 38	9 51	11 52	3 23	3 32	28 30	17 30	5 6
S 23	0 59	8 58	2 19	3 35	3 14	8 38	4 58	4 37	1 1	20 22	1 1	21 8	0 17	1 2	0 46	20 0	1 38	9 51	11 52	3 23	3 33	28 30	17 30	5 6
S 24	1 23	14 38	3 18	3 5	3 5	8 39	4 47	4 18	1 1	20 21	1 1	21 8	0 17	1 1	0 46	20 0	1 39	9 52	11 52	3 24	3 34	28 30	17 31	5 6
M25	1 46	19 35	4 7	2 33	2 54	8 40	4 37	3 59	1 0	20 21	1 1	21 7	0 17	1 0	0 46	20 0	1 39	9 52	11 51	3 24	3 36	28 30	17 32	5 5
T 26	2 10	23 36	4 43	2 1	2 42	8 40	4 26	3 40	1 0	20 21	1 1	21 6	0 17	0 59	0 46	19 59	1 39	9 52	11 51	3 25	3 37	28 30	17 32	5 5
W27	2 33	26 31	5 6	1 30	2 29	8 40	4 16	3 21	1 0	20 21	1 1	21 6	0 17	0 58	0 46	19 59	1 39	9 53	11 51	3 26	3 38	28 30	17 33	5 5
T 28	2 57	28 13	5 15	0 58	2 15	8 39	4 6	3 3	1 0	20 21	1 1	21 5	0 17	0 57	0 46	19 59	1 39	9 53	11 51	3 26	3 39	28 31	17 33	5 4
F 29	3 20	28 36	5 11	0 28	2 0	8 37	3 55	2 44	0 59	20 20	1 1	21 5	0 17	0 56	0 46	19 59	1 39	9 54	11 50	3 27	3 41	28 31	17 34	5 4
S 30	3 44	27 40	4 53	0s 1	1 45	8 35	3 45	2 25	0 59	20 20	1 2	21 4	0 17	0 55	0 46	19 59	1 39	9 54	11 50	3 27	3 42	28 31	17 34	5 4
S 31	4n 7	25n27	4n23	0s27	1n29	8s32	3n35	2s 6	0s59	20s20	1n 2	21s 4	0n17	0s54	0n46	19s59	1n39	9n54	11s50	3s27	3s43	28n31	17n35	5s 4

Julian Day Number = 2501642.5, Delta T = 113.28 sec
Ecliptic obliquity = 23°25'27, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°39'25, Lahiri = 25°46'25

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ASTRODIENST EPHEMERIS for the year 2137
geocentric

APRIL 2137 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 37 57	11♈23'17	7♌ 0	24°R59	29♒23	27♓46	6°R14	23♉48	4°R 0	7°R50	7♊46	21♓20	20♓33	27♊51	15♊20	M 1
T 2	12 41 53	12°22'33	19°21	24♓38	0♓ 1	28°33	6♐12	23°51	3♎57	7♐50	7°47	21°21	20°30	27°58	15°23	T 2
W 3	12 45 50	13°21'46	2♍ 0	24°23	0°41	29°20	6°10	23°54	3°55	7°49	7°47	21°23	20°27	28° 5	15°25	W 3
T 4	12 49 46	14°20'58	14°59	24°14	1°22	0♈ 6	6° 7	23°57	3°52	7°48	7°48	21°R24	20°24	28°11	15°29	T 4
F 5	12 53 43	15°20'07	28°20	24°D11	2° 3	0°53	6° 5	24° 0	3°50	7°47	7°49	21°24	20°21	28°18	15°32	F 5
S 6	12 57 39	16°19'14	12♎ 2	24°13	2°46	1°40	6° 2	24° 3	3°47	7°46	7°50	21°23	20°17	28°25	15°35	S 6
S 7	13 1 36	17°18'19	26° 4	24°20	3°30	2°27	6° 0	24° 5	3°45	7°46	7°51	21°20	20°14	28°32	15°38	S 7
M 8	13 5 32	18°17'22	10♏20	24°33	4°15	3°14	5°57	24° 8	3°42	7°45	7°52	21°17	20°11	28°38	15°41	M 8
T 9	13 9 29	19°16'24	24°47	24°51	5° 0	4° 0	5°54	24°10	3°40	7°44	7°53	21°13	20° 8	28°45	15°44	T 9
W10	13 13 25	20°15'23	9♐17	25°13	5°47	4°47	5°50	24°13	3°37	7°43	7°54	21° 9	20° 5	28°52	15°48	W10
T 11	13 17 22	21°14'21	23°46	25°41	6°34	5°34	5°47	24°15	3°35	7°42	7°55	21° 5	20° 2	28°59	15°51	T 11
F 12	13 21 19	22°13'17	8♑ 8	26°12	7°23	6°20	5°43	24°17	3°32	7°41	7°56	21° 3	19°58	29° 5	15°55	F 12
S 13	13 25 15	23°12'11	22°20	26°48	8°12	7° 7	5°39	24°19	3°30	7°40	7°57	21°D 2	19°55	29°12	15°58	S 13
S 14	13 29 12	24°11'04	6♒21	27°27	9° 1	7°53	5°35	24°21	3°27	7°39	7°58	21° 3	19°52	29°19	16° 2	S 14
M15	13 33 8	25° 9'55	20° 9	28°11	9°52	8°40	5°31	24°23	3°25	7°38	7°59	21° 4	19°49	29°25	16° 5	M15
T 16	13 37 5	26° 8'44	3♓44	28°57	10°43	9°26	5°27	24°25	3°23	7°37	8° 0	21° 6	19°46	29°32	16° 9	T 16
W17	13 41 1	27° 7'32	17° 6	29°48	11°35	10°13	5°22	24°27	3°20	7°36	8° 1	21°R 7	19°43	29°39	16°13	W17
T 18	13 44 58	28° 6'17	0♈16	0♈41	12°27	10°59	5°18	24°28	3°18	7°34	8° 2	21° 6	19°39	29°46	16°17	T 18
F 19	13 48 54	29° 5'01	13°15	1°38	13°20	11°46	5°13	24°30	3°16	7°33	8° 3	21° 4	19°36	29°52	16°21	F 19
S 20	13 52 51	0♉ 3'43	26° 1	2°37	14°14	12°32	5° 8	24°31	3°13	7°32	8° 4	21° 0	19°33	29°59	16°24	S 20
S 21	13 56 48	1° 2'23	8♉35	3°39	15° 8	13°18	5° 3	24°32	3°11	7°31	8° 5	20°55	19°30	0♋ 6	16°28	S 21
M22	14 0 44	2° 1'01	20°58	4°44	16° 3	14° 5	4°58	24°34	3° 9	7°30	8° 6	20°47	19°27	0°12	16°32	M22
T 23	14 4 41	2°59'37	3♊11	5°52	16°58	14°51	4°52	24°35	3° 7	7°28	8° 8	20°40	19°23	0°19	16°36	T 23
W24	14 8 37	3°58'11	15°14	7° 2	17°54	15°37	4°47	24°36	3° 5	7°27	8° 9	20°32	19°20	0°26	16°40	W24
T 25	14 12 34	4°56'43	27°10	8°14	18°50	16°23	4°41	24°37	3° 3	7°26	8°10	20°25	19°17	0°33	16°44	T 25
F 26	14 16 30	5°55'13	9♋ 2	9°29	19°47	17° 9	4°36	24°37	3° 1	7°25	8°11	20°20	19°14	0°39	16°49	F 26
S 27	14 20 27	6°53'41	20°54	10°45	20°44	17°55	4°30	24°38	2°59	7°23	8°12	20°16	19°11	0°46	16°53	S 27
S 28	14 24 23	7°52'07	2♌50	12° 4	21°41	18°41	4°24	24°39	2°57	7°22	8°13	20°D15	19° 8	0°53	16°57	S 28
M29	14 28 20	8°50'31	14°55	13°26	22°39	19°27	4°17	24°39	2°55	7°21	8°15	20°15	19° 4	1° 0	17° 1	M29
T 30	14 32 17	9♉48'52	27♌14	14♈49	23♓38	20♈13	4♐11	24♉40	2♎53	7♐19	8♊16	20♓16	19♓ 1	1♋ 6	17♊ 6	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n30	22n 4	3n41	0s52	1n13	8s28	3n25	1s47	0s58	20s19	1n 2	21s 3	0n17	0s53	0n46	19s59	1n39	9n55	11s50	3s26	3s44	28n31	17n35	5s 3
T 2	4 53	17 39	2 47	1 15	0 57	8 24	3 16	1 28	0 58	20 19	1 2	21 3	0 17	0 52	0 46	19 58	1 39	9 55	11 49	3 25	3 46	28 31	17 36	5 3
W 3	5 16	12 23	1 45	1 35	0 42	8 19	3 6	1 9	0 58	20 18	1 2	21 2	0 17	0 51	0 46	19 58	1 39	9 55	11 49	3 25	3 47	28 31	17 36	5 3
T 4	5 39	6 27	0 35	1 53	0 27	8 14	2 57	0 50	0 57	20 18	1 2	21 2	0 17	0 50	0 46	19 58	1 39	9 56	11 49	3 25	3 48	28 31	17 37	5 3
F 5	6 2	0 5	0s38	2 8	0 11	8 8	2 47	0 31	0 57	20 17	1 2	21 1	0 17	0 49	0 46	19 58	1 39	9 56	11 49	3 25	3 49	28 31	17 38	5 2
S 6	6 25	6s27	1 51	2 21	0s 3	8 1	2 38	0 12	0 57	20 17	1 2	21 1	0 17	0 48	0 46	19 58	1 39	9 56	11 48	3 25	3 51	28 30	17 38	5 2
S 7	6 47	12 50	2 59	2 31	0 17	7 54	2 29	0n 7	0 56	20 16	1 2	21 1	0 16	0 47	0 46	19 58	1 39	9 57	11 48	3 26	3 52	28 30	17 39	5 2
M 8	7 10	18 39	3 57	2 38	0 31	7 46	2 20	0 25	0 56	20 16	1 2	21 0	0 16	0 46	0 46	19 57	1 39	9 57	11 48	3 27	3 53	28 30	17 39	5 2
T 9	7 32	23 29	4 40	2 43	0 44	7 38	2 11	0 44	0 56	20 15	1 2	21 0	0 16	0 45	0 46	19 57	1 39	9 58	11 48	3 29	3 54	28 30	17 40	5 2
W10	7 55	26 52	5 6	2 45	0 56	7 29	2 2	1 3	0 55	20 15	1 2	20 59	0 16	0 44	0 46	19 57	1 39	9 58	11 47	3 31	3 56	28 30	17 40	5 1
T 11	8 17	28 28	5 12	2 45	1 8	7 20	1 54	1 22	0 55	20 14	1 2	20 59	0 16	0 43	0 46	19 57	1 39	9 58	11 47	3 32	3 57	28 30	17 41	5 1
F 12	8 39	28 9	4 59	2 43	1 19	7 10	1 46	1 41	0 55	20 13	1 3	20 59	0 16	0 42	0 46	19 57	1 39	9 59	11 47	3 33	3 58	28 30	17 41	5 1
S 13	9 1	25 58	4 27	2 38	1 29	6 59	1 37	1 59	0 54	20 12	1 3	20 58	0 16	0 41	0 46	19 56	1 39	9 59	11 47	3 33	3 59	28 30	17 42	5 1
S 14	9 22	22 13	3 40	2 32	1 39	6 48	1 29	2 18	0 54	20 12	1 3	20 58	0 16	0 40	0 46	19 56	1 39	9 59	11 47	3 33	4 1	28 30	17 43	5 0
M15	9 44	17 18	2 41	2 23	1 48	6 37	1 21	2 37	0 54	20 11	1 3	20 58	0 16	0 39	0 46	19 56	1 39	10 0	11 46	3 32	4 2	28 30	17 43	5 0
T 16	10 5	11 35	1 33	2 12	1 57	6 25	1 13	2 55	0 53	20 10	1 3	20 58	0 16	0 38	0 46	19 56	1 39	10 0	11 46	3 32	4 3	28 30	17 44	5 0
W17	10 27	5 26	0 22	1 59	2 4	6 12	1 6	3 14	0 53	20 9	1 3	20 57	0 16	0 37	0 46	19 56	1 40	10 0	11 46	3 31	4 4	28 30	17 44	5 0
T 18	10 48	0n52	0n50	1 44	2 12	5 59	0 58	3 33	0 52	20 8	1 3	20 57	0 16	0 36	0 46	19 55	1 40	10 1	11 46	3 31	4 6	28 29	17 45	5 0
F 19	11 8	7 2	1 57	1 28	2 18	5 46	0 51	3 51	0 52	20 8	1 3	20 57	0 16	0 36	0 46	19 55	1 40	10 1	11 46	3 32	4 7	28 29	17 45	5 0
S 20	11 29	12 48	2 58	1 10	2 24	5 32	0 44	4 9	0 52	20 7	1 3	20 57	0 16	0 35	0 46	19 55	1 40	10 1	11 45	3 34	4 8	28 29	17 46	4 59
S 21	11 50	17 58	3 49	0 50	2 29	5 17	0 37	4 28	0 51	20 6	1 3	20 56	0 16	0 34	0 46	19 55	1 40	10 2	11 45	3 36	4 9	28 29	17 47	4 59
M22	12 10	22 18	4 28	0 28	2 34	5 3	0 30	4 46	0 51	20 5	1 3	20 56	0 16	0 33	0 46	19 54	1 40	10 2	11 45	3 39	4 11	28 29	17 47	4 59
T 23	12 30	25 35	4 54	0 5	2 38	4 47	0 23	5 4	0 50	20 4	1 3	20 56	0 16	0 32	0 46	19 54	1 40	10 2	11 45	3 42	4 12	28 29	17 48	4 59
W24	12 50	27 41	5 7	0n19	2 41	4 32	0 16	5 23	0 50	20 3	1 3	20 56	0 16	0 31	0 46	19 54	1 40	10 3	11 45	3 45	4 13	28 28	17 48	4 59
T 25	13 10	28 30	5 6	0 45	2 44	4 16	0 10	5 41	0 49	20 2	1 3	20 56	0 16	0 31	0 46	19 54	1 40	10 3	11 45	3 48	4 14	28 28	17 49	4 58
F 26	13 29	27 58	4 52	1 12	2 46	3 59	0 4	5 59	0 49	20 1	1 3	20 56	0 15	0 30	0 46	19 53	1 40	10 3	11 44	3 50	4 16	28 28	17 49	4 58
S 27	13 48	26 10	4 26	1 41	2 48	3 43	0s 3	6 17	0 48	20 0	1 3	20 56	0 15	0 29	0 46	19 53	1 40	10 4	11 44	3 51	4 17	28 28	17 50	4 58
S 28	14 7	23 12	3 47	2 10	2 49	3 26	0 9	6 35	0 48	19 58	1 3	20 56	0 15	0 28	0 46	19 53	1 40	10 4	11 44	3 52	4 18	28 28	17 50	4 58
M29	14 26	19 12	2 59	2 41	2 50	3 8	0 14	6 52	0 48	19 57	1 3	20 56	0 15	0 27	0 46	19 53	1 40	10 4	11 44	3 52	4 19	28 27	17 51	4 58
T 30	14n45	14n19	2n 1	3n14	2s49	2s50	0s20	7n10	0s47	19s56	1n 3	20s56	0n15	0s27	0n46	19s53	1n40	10n 5	11s44	3s51	4s21	28n27	17n51	4s58

Julian Day Number = 2501673.5, Delta T = 113.33 sec
Ecliptic obliquity = 23°25'27, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°39'29, Lahiri = 25°46'29

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ASTRODIENST EPHEMERIS for the year 2137
geocentric

MAY 2137 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 36 13	10♉47'11	9♍52	16♈14	24♓36	20♈59	4°R 5	24♑40	2°R51	7°R18	8♊17	20♓17	18♓58	1♋13	17♊10	W 1
T 2	14 40 10	11°45'29	22°53	17°41	25°36	21°45	3♐58	24°40	2♎49	7♐16	8°18	20°R17	18°55	1°20	17°14	T 2
F 3	14 44 6	12°43'44	6♎19	19°10	26°35	22°31	3°52	24°40	2°47	7°15	8°20	20°16	18°52	1°26	17°19	F 3
S 4	14 48 3	13°41'57	20°13	20°42	27°35	23°16	3°45	24°R40	2°45	7°13	8°21	20°13	18°49	1°33	17°23	S 4
S 5	14 51 59	14°40'09	4♏32	22°15	28°35	24° 2	3°38	24°40	2°44	7°12	8°22	20° 7	18°45	1°40	17°28	S 5
M 6	14 55 56	15°38'19	19°11	23°50	29°36	24°48	3°31	24°40	2°42	7°11	8°23	20° 0	18°42	1°47	17°32	M 6
T 7	14 59 52	16°36'27	4♐ 3	25°27	0♈37	25°33	3°25	24°40	2°40	7° 9	8°25	19°51	18°39	1°53	17°37	T 7
W 8	15 3 49	17°34'34	19° 1	27° 6	1°38	26°19	3°18	24°40	2°39	7° 8	8°26	19°43	18°36	2° 0	17°41	W 8
T 9	15 7 46	18°32'39	3♑53	28°46	2°39	27° 5	3°10	24°39	2°37	7° 6	8°27	19°35	18°33	2° 7	17°46	T 9
F 10	15 11 42	19°30'43	18°34	0♉29	3°41	27°50	3° 3	24°39	2°36	7° 5	8°28	19°29	18°29	2°13	17°51	F 10
S 11	15 15 39	20°28'45	2♒57	2°14	4°43	28°36	2°56	24°38	2°34	7° 3	8°30	19°26	18°26	2°20	17°55	S 11
S 12	15 19 35	21°26'46	17° 0	4° 0	5°45	29°21	2°49	24°37	2°33	7° 1	8°31	19°D25	18°23	2°27	18° 0	S 12
M13	15 23 32	22°24'46	0♓42	5°49	6°48	0♉ 6	2°41	24°36	2°31	7° 0	8°32	19°25	18°20	2°34	18° 5	M13
T 14	15 27 28	23°22'44	14° 5	7°39	7°51	0°52	2°34	24°35	2°30	6°58	8°34	19°R25	18°17	2°40	18° 9	T 14
W15	15 31 25	24°20'41	27°12	9°31	8°54	1°37	2°26	24°34	2°29	6°57	8°35	19°25	18°14	2°47	18°14	W15
T 16	15 35 21	25°18'37	10♈ 3	11°26	9°57	2°22	2°19	24°33	2°27	6°55	8°36	19°23	18°10	2°54	18°19	T 16
F 17	15 39 18	26°16'31	22°42	13°22	11° 1	3° 7	2°11	24°32	2°26	6°54	8°38	19°19	18° 7	3° 0	18°24	F 17
S 18	15 43 15	27°14'24	5♉11	15°20	12° 5	3°52	2° 4	24°31	2°25	6°52	8°39	19°12	18° 4	3° 7	18°29	S 18
S 19	15 47 11	28°12'16	17°30	17°19	13° 9	4°37	1°56	24°29	2°24	6°50	8°40	19° 2	18° 1	3°14	18°33	S 19
M20	15 51 8	29°10'07	29°41	19°21	14°13	5°22	1°49	24°28	2°23	6°49	8°42	18°50	17°58	3°21	18°38	M20
T 21	15 55 4	0♊ 7'56	11♊45	21°24	15°17	6° 7	1°41	24°26	2°22	6°47	8°43	18°38	17°55	3°27	18°43	T 21
W22	15 59 1	1° 5'44	23°43	23°29	16°22	6°52	1°33	24°25	2°21	6°46	8°44	18°25	17°51	3°34	18°48	W22
T 23	16 2 57	2° 3'30	5♋36	25°36	17°26	7°37	1°26	24°23	2°20	6°44	8°46	18°13	17°48	3°41	18°53	T 23
F 24	16 6 54	3° 1'15	17°26	27°44	18°31	8°22	1°18	24°21	2°19	6°42	8°47	18° 3	17°45	3°48	18°58	F 24
S 25	16 10 51	3°58'58	29°17	29°53	19°37	9° 7	1°10	24°19	2°18	6°41	8°48	17°56	17°42	3°54	19° 3	S 25
S 26	16 14 47	4°56'39	11♌12	2♊ 3	20°42	9°51	1° 3	24°17	2°17	6°39	8°50	17°51	17°39	4° 1	19° 8	S 26
M27	16 18 44	5°54'20	23°15	4°14	21°47	10°36	0°55	24°15	2°17	6°38	8°51	17°49	17°35	4° 8	19°13	M27
T 28	16 22 40	6°51'58	5♍31	6°26	22°53	11°21	0°48	24°13	2°16	6°36	8°53	17°D49	17°32	4°14	19°18	T 28
W29	16 26 37	7°49'35	18° 6	8°37	23°59	12° 5	0°40	24°10	2°15	6°34	8°54	17°R49	17°29	4°21	19°23	W29
T 30	16 30 33	8°47'11	1♎ 3	10°49	25° 5	12°50	0°32	24° 8	2°15	6°33	8°55	17°48	17°26	4°28	19°28	T 30
F 31	16 34 30	9♊44'45	14♎27	13♊ 1	26♈11	13♉34	0♐25	24♑ 6	2♎14	6♐31	8♊57	17♓46	17♓23	4♋35	19♊33	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n 3	8n44	0n56	3n47	2s49	2s32	0s26	7n28	0s47	19s55	1n 3	20s56	0n15	0s26	0n46	19s52	1n40	10n 5	11s44	3s51	4s22	28n27	17n52	4s58
T 2	15 21	2 37	0s14	4 21	2 48	2 14	0 31	7 45	0 46	19 54	1 3	20 56	0 15	0 25	0 46	19 52	1 40	10 5	11 43	3 51	4 23	28 27	17 53	4 57
F 3	15 39	3s49	1 25	4 57	2 46	1 55	0 37	8 3	0 46	19 53	1 3	20 56	0 15	0 25	0 46	19 52	1 40	10 6	11 43	3 51	4 24	28 26	17 53	4 57
S 4	15 56	10 16	2 33	5 33	2 43	1 36	0 42	8 20	0 45	19 51	1 3	20 56	0 15	0 24	0 46	19 52	1 40	10 6	11 43	3 53	4 26	28 26	17 54	4 57
S 5	16 14	16 23	3 34	6 10	2 40	1 17	0 47	8 38	0 45	19 50	1 3	20 56	0 15	0 23	0 46	19 51	1 40	10 6	11 43	3 55	4 27	28 26	17 54	4 57
M 6	16 31	21 42	4 22	6 48	2 37	0 57	0 52	8 55	0 44	19 49	1 3	20 56	0 15	0 23	0 45	19 51	1 40	10 7	11 43	3 58	4 28	28 25	17 55	4 57
T 7	16 47	25 45	4 53	7 27	2 33	0 37	0 56	9 12	0 44	19 47	1 3	20 56	0 15	0 22	0 45	19 51	1 40	10 7	11 43	4 1	4 29	28 25	17 55	4 57
W 8	17 4	28 2	5 4	8 7	2 29	0 17	1 1	9 29	0 43	19 46	1 3	20 56	0 15	0 21	0 45	19 50	1 40	10 7	11 43	4 4	4 30	28 25	17 56	4 57
T 9	17 20	28 17	4 55	8 48	2 23	0n 3	1 5	9 46	0 43	19 45	1 3	20 56	0 15	0 21	0 45	19 50	1 40	10 8	11 43	4 7	4 32	28 25	17 56	4 57
F 10	17 36	26 32	4 27	9 29	2 18	0 24	1 10	10 3	0 42	19 44	1 3	20 56	0 15	0 20	0 45	19 50	1 40	10 8	11 42	4 9	4 33	28 24	17 57	4 57
S 11	17 51	23 5	3 41	10 10	2 12	0 45	1 14	10 19	0 41	19 42	1 3	20 57	0 15	0 20	0 45	19 50	1 40	10 8	11 42	4 11	4 34	28 24	17 57	4 57
S 12	18 7	18 20	2 44	10 53	2 5	1 6	1 18	10 36	0 41	19 41	1 3	20 57	0 15	0 19	0 45	19 49	1 40	10 9	11 42	4 11	4 35	28 24	17 58	4 56
M13	18 22	12 45	1 38	11 35	1 58	1 27	1 22	10 52	0 40	19 39	1 3	20 57	0 15	0 19	0 45	19 49	1 40	10 9	11 42	4 11	4 37	28 23	17 58	4 56
T 14	18 36	6 42	0 28	12 18	1 51	1 48	1 25	11 9	0 40	19 38	1 3	20 57	0 14	0 18	0 45	19 49	1 40	10 9	11 42	4 11	4 38	28 23	17 59	4 56
W15	18 51	0 29	0n41	13 1	1 43	2 10	1 29	11 25	0 39	19 37	1 3	20 57	0 14	0 18	0 45	19 49	1 40	10 9	11 42	4 11	4 39	28 22	17 59	4 56
T 16	19 5	5n37	1 47	13 45	1 35	2 31	1 32	11 41	0 39	19 35	1 3	20 58	0 14	0 17	0 45	19 48	1 40	10 10	11 42	4 12	4 40	28 22	18 0	4 56
F 17	19 18	11 25	2 47	14 28	1 26	2 53	1 36	11 57	0 38	19 34	1 3	20 58	0 14	0 17	0 45	19 48	1 40	10 10	11 42	4 14	4 42	28 22	18 0	4 56
S 18	19 32	16 39	3 38	15 12	1 17	3 15	1 39	12 13	0 38	19 32	1 2	20 58	0 14	0 16	0 45	19 48	1 40	10 10	11 42	4 16	4 43	28 21	18 0	4 56
S 19	19 45	21 9	4 17	15 55	1 7	3 37	1 42	12 28	0 37	19 31	1 2	20 59	0 14	0 16	0 45	19 48	1 40	10 11	11 42	4 20	4 44	28 21	18 1	4 56
M20	19 58	24 42	4 45	16 38	0 58	3 59	1 45	12 44	0 37	19 30	1 2	20 59	0 14	0 15	0 45	19 47	1 40	10 11	11 41	4 25	4 45	28 21	18 1	4 56
T 21	20 10	27 7	4 59	17 20	0 48	4 21	1 48	12 59	0 36	19 28	1 2	20 59	0 14	0 15	0 45	19 47	1 40	10 11	11 41	4 30	4 47	28 20	18 2	4 56
W22	20 22	28 16	5 0	18 2	0 37	4 44	1 50	13 15	0 35	19 27	1 2	21 0	0 14	0 15	0 45	19 47	1 40	10 11	11 41	4 35	4 48	28 20	18 2	4 56
T 23	20 34	28 5	4 47	18 43	0 27	5 6	1 53	13 30	0 35	19 25	1 2	21 0	0 14	0 14	0 45	19 46	1 40	10 12	11 41	4 39	4 49	28 19	18 3	4 56
F 24	20 45	26 38	4 23	19 22	0 16	5 29	1 55	13 45	0 34	19 24	1 2	21 0	0 14	0 14	0 45	19 46	1 40	10 12	11 41	4 43	4 50	28 19	18 3	4 56
S 25	20 56	23 59	3 47	20 1	0 6	5 51	1 58	14 0	0 34	19 22	1 2	21 1	0 14	0 14	0 45	19 46	1 40	10 12	11 41	4 46	4 52	28 18	18 3	4 56
S 26	21 6	20 18	3 1	20 38	0n 5	6 13	2 0	14 14	0 33	19 21	1 2	21 1	0 14	0 14	0 45	19 46	1 40	10 12	11 41	4 48	4 53	28 18	18 4	4 56
M27	21 17	15 45	2 6	21 14	0 15	6 36	2 2	14 29	0 32	19 19	1 2	21 2	0 14	0 13	0 45	19 45	1 40	10 13	11 41	4 49	4 54	28 17	18 4	4 56
T 28	21 27	10 29	1 5	21 47	0 26	6 59	2 4	14 43	0 32	19 18	1 1	21 2	0 14	0 13	0 45	19 45	1 40	10 13	11 41	4 49	4 55	28 17	18 5	4 56
W29	21 36	4 41	0s 1	22 19	0 36	7 21	2 6	14 57	0 31	19 17	1 1	21 3	0 14	0 13	0 45	19 45	1 40	10 13	11 41	4 49	4 57	28 16	18 5	4 56
T 30	21 45	1s29	1 9	22 48	0 46	7 44	2 7	15 12	0 31	19 15	1 1	21 3	0 13	0 13	0 45	19 45	1 40	10 13	11 41	4 49	4 58	28 16	18 5	4 56
F 31	21n54	7s47	2s16	23n15	0n55	8n 6	2s 9	15n25	0s30	19s14	1n 1	21s 4	0n13	0s13	0n45	19s44	1n40	10n14	11s41	4s50	4s59	28n15	18n 6	4s56

Julian Day Number = 2501703.5, Delta T = 113.38 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°39'33, Lahiri = 25°46'33

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ASTRODIENST EPHEMERIS for the year 2137
geocentric

JUNE 2137 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 26	10♊42'18	28♎21	15♊12	27♈17	14♉18	0°R18	24°R 3	2°R14	6°R29	8♊58	17°R42	17♓20	4♋41	19♊39	S 1
S 2	16 42 23	11°39'49	12♏44	17°23	28°23	15° 3	0♐10	24♑ 1	2♎13	6♐28	8°59	17♓35	17°16	4°48	19°44	S 2
M 3	16 46 20	12°37'20	27°33	19°32	29°30	15°47	0° 3	23°58	2°13	6°26	9° 1	17°26	17°13	4°55	19°49	M 3
T 4	16 50 16	13°34'49	12♐39	21°40	0♉37	16°31	29♏56	23°55	2°13	6°25	9° 2	17°15	17°10	5° 1	19°54	T 4
W 5	16 54 13	14°32'17	27°54	23°47	1°43	17°15	29°48	23°52	2°13	6°23	9° 3	17° 4	17° 7	5° 8	19°59	W 5
T 6	16 58 9	15°29'45	13♑ 6	25°52	2°50	17°59	29°41	23°49	2°12	6°21	9° 5	16°55	17° 4	5°15	20° 4	T 6
F 7	17 2 6	16°27'11	28° 5	27°55	3°57	18°43	29°34	23°46	2°12	6°20	9° 6	16°47	17° 1	5°22	20° 9	F 7
S 8	17 6 2	17°24'37	12♒44	29°56	5° 5	19°27	29°27	23°43	2°12	6°18	9° 8	16°42	16°57	5°28	20°14	S 8
S 9	17 9 59	18°22'02	26°57	1♋55	6°12	20°11	29°20	23°40	2°D12	6°17	9° 9	16°39	16°54	5°35	20°20	S 9
M10	17 13 55	19°19'27	10♓44	3°52	7°19	20°55	29°13	23°37	2°12	6°15	9°10	16°39	16°51	5°42	20°25	M10
T 11	17 17 52	20°16'50	24° 6	5°47	8°27	21°39	29° 7	23°34	2°12	6°13	9°12	16°39	16°48	5°48	20°30	T 11
W12	17 21 49	21°14'14	7♈ 7	7°39	9°35	22°23	29° 0	23°30	2°12	6°12	9°13	16°38	16°45	5°55	20°35	W12
T 13	17 25 45	22°11'36	19°49	9°29	10°42	23° 6	28°53	23°27	2°12	6°10	9°14	16°36	16°41	6° 2	20°40	T 13
F 14	17 29 42	23° 8'59	2♉17	11°16	11°50	23°50	28°47	23°24	2°13	6° 9	9°16	16°31	16°38	6° 9	20°45	F 14
S 15	17 33 38	24° 6'20	14°34	13° 1	12°58	24°34	28°41	23°20	2°13	6° 7	9°17	16°24	16°35	6°15	20°50	S 15
S 16	17 37 35	25° 3'42	26°42	14°43	14° 6	25°17	28°35	23°16	2°13	6° 6	9°18	16°13	16°32	6°22	20°56	S 16
M17	17 41 31	26° 1'03	8♊43	16°23	15°15	26° 1	28°28	23°13	2°14	6° 4	9°20	16° 1	16°29	6°29	21° 1	M17
T 18	17 45 28	26°58'23	20°39	18° 0	16°23	26°44	28°22	23° 9	2°14	6° 3	9°21	15°48	16°26	6°35	21° 6	T 18
W19	17 49 24	27°55'43	2♋32	19°35	17°31	27°27	28°17	23° 5	2°15	6° 1	9°22	15°34	16°22	6°42	21°11	W19
T 20	17 53 21	28°53'02	14°24	21° 7	18°40	28°11	28°11	23° 2	2°15	6° 0	9°24	15°22	16°19	6°49	21°16	T 20
F 21	17 57 18	29°50'20	26°14	22°36	19°48	28°54	28° 5	22°58	2°16	5°58	9°25	15°11	16°16	6°56	21°21	F 21
S 22	18 1 14	0♋47'38	8♌ 7	24° 3	20°57	29°37	28° 0	22°54	2°16	5°57	9°26	15° 3	16°13	7° 2	21°26	S 22
S 23	18 5 11	1°44'55	20° 4	25°27	22° 6	0♊20	27°54	22°50	2°17	5°56	9°27	14°58	16°10	7° 9	21°31	S 23
M24	18 9 7	2°42'11	2♍ 8	26°49	23°15	1° 3	27°49	22°46	2°18	5°54	9°29	14°56	16° 7	7°16	21°37	M24
T 25	18 13 4	3°39'27	14°25	28° 7	24°24	1°46	27°44	22°42	2°19	5°53	9°30	14°D55	16° 3	7°22	21°42	T 25
W26	18 17 0	4°36'42	26°58	29°23	25°33	2°29	27°39	22°38	2°20	5°51	9°31	14°55	16° 0	7°29	21°47	W26
T 27	18 20 57	5°33'57	9♎52	0♌37	26°42	3°12	27°35	22°34	2°20	5°50	9°32	14°R55	15°57	7°36	21°52	T 27
F 28	18 24 53	6°31'10	23°11	1°47	27°51	3°55	27°30	22°30	2°21	5°49	9°34	14°54	15°54	7°43	21°57	F 28
S 29	18 28 50	7°28'24	6♏59	2°54	29° 0	4°37	27°26	22°25	2°22	5°47	9°35	14°51	15°51	7°49	22° 2	S 29
S 30	18 32 47	8♋25'36	21♏15	3♌59	0♊ 9	5♊20	27♏21	22♑21	2♎24	5♐46	9♊36	14♓46	15♓47	7♋56	22♊ 7	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 2	13s57	3s17	23n40	1n 4	8n28	2s10	15n39	0s29	19s12	1n 1	21s 4	0n13	0s12	0n44	19s44	1n40	10n14	11s41	4s52	5s 0	28n15	18n 6	4s56
S 2	22 10	19 34	4 7	24 2	1 13	8 51	2 11	15 53	0 29	19 11	1 1	21 5	0 13	0 12	0 44	19 44	1 40	10 14	11 41	4 54	5 1	28 14	18 7	4 56
M 3	22 18	24 11	4 43	24 21	1 21	9 13	2 13	16 6	0 28	19 10	1 1	21 5	0 13	0 12	0 44	19 43	1 40	10 14	11 41	4 58	5 3	28 14	18 7	4 56
T 4	22 25	27 15	4 59	24 38	1 28	9 35	2 14	16 20	0 27	19 8	1 1	21 6	0 13	0 12	0 44	19 43	1 40	10 14	11 41	5 2	5 4	28 13	18 7	4 56
W 5	22 32	28 19	4 55	24 52	1 35	9 57	2 15	16 33	0 27	19 7	1 0	21 6	0 13	0 12	0 44	19 43	1 40	10 15	11 41	5 6	5 5	28 13	18 8	4 56
T 6	22 38	27 15	4 30	25 3	1 41	10 20	2 15	16 46	0 26	19 5	1 0	21 7	0 13	0 12	0 44	19 43	1 40	10 15	11 41	5 10	5 6	28 12	18 8	4 56
F 7	22 44	24 13	3 46	25 11	1 46	10 41	2 16	16 58	0 26	19 4	1 0	21 7	0 13	0 12	0 44	19 42	1 40	10 15	11 41	5 13	5 8	28 12	18 8	4 56
S 8	22 50	19 41	2 49	25 17	1 51	11 3	2 17	17 11	0 25	19 3	1 0	21 8	0 13	0 12	0 44	19 42	1 40	10 15	11 41	5 15	5 9	28 11	18 8	4 56
S 9	22 55	14 7	1 42	25 20	1 55	11 25	2 17	17 23	0 24	19 1	1 0	21 9	0 13	0 12	0 44	19 42	1 40	10 15	11 41	5 16	5 10	28 11	18 9	4 56
M10	23 0	8 1	0 31	25 20	1 58	11 47	2 18	17 36	0 24	19 0	1 0	21 9	0 13	0 12	0 44	19 42	1 40	10 16	11 41	5 16	5 11	28 10	18 9	4 56
T 11	23 4	1 44	0n39	25 18	2 1	12 8	2 18	17 48	0 23	18 59	0 59	21 10	0 13	0 12	0 44	19 41	1 40	10 16	11 41	5 16	5 13	28 9	18 9	4 56
W12	23 8	4n27	1 46	25 14	2 2	12 29	2 18	18 0	0 22	18 58	0 59	21 10	0 13	0 12	0 44	19 41	1 40	10 16	11 41	5 16	5 14	28 9	18 10	4 56
T 13	23 12	10 18	2 46	25 8	2 3	12 50	2 18	18 11	0 22	18 56	0 59	21 11	0 12	0 12	0 44	19 41	1 40	10 16	11 41	5 17	5 15	28 8	18 10	4 57
F 14	23 15	15 38	3 36	24 59	2 3	13 11	2 18	18 23	0 21	18 55	0 59	21 12	0 12	0 12	0 44	19 41	1 40	10 16	11 41	5 19	5 16	28 8	18 10	4 57
S 15	23 18	20 16	4 16	24 49	2 2	13 32	2 18	18 34	0 20	18 54	0 59	21 12	0 12	0 13	0 44	19 40	1 40	10 16	11 41	5 22	5 18	28 7	18 10	4 57
S 16	23 20	23 59	4 43	24 37	2 1	13 52	2 18	18 45	0 20	18 53	0 59	21 13	0 12	0 13	0 44	19 40	1 40	10 17	11 41	5 26	5 19	28 6	18 11	4 57
M17	23 22	26 38	4 57	24 23	1 59	14 12	2 17	18 56	0 19	18 52	0 58	21 14	0 12	0 13	0 44	19 40	1 40	10 17	11 41	5 31	5 20	28 6	18 11	4 57
T 18	23 23	28 4	4 59	24 8	1 56	14 32	2 17	19 7	0 18	18 50	0 58	21 14	0 12	0 13	0 44	19 40	1 40	10 17	11 41	5 36	5 21	28 5	18 11	4 57
W19	23 24	28 11	4 47	23 51	1 53	14 52	2 16	19 18	0 18	18 49	0 58	21 15	0 12	0 13	0 44	19 40	1 40	10 17	11 41	5 41	5 22	28 4	18 11	4 57
T 20	23 25	27 0	4 23	23 33	1 48	15 11	2 16	19 28	0 17	18 48	0 58	21 16	0 12	0 14	0 44	19 39	1 40	10 17	11 41	5 46	5 24	28 4	18 12	4 57
F 21	23 25	24 37	3 47	23 14	1 43	15 30	2 15	19 38	0 16	18 47	0 58	21 17	0 12	0 14	0 44	19 39	1 40	10 17	11 41	5 50	5 25	28 3	18 12	4 57
S 22	23 25	21 9	3 2	22 54	1 38	15 49	2 14	19 48	0 16	18 46	0 57	21 17	0 12	0 14	0 44	19 39	1 40	10 17	11 41	5 53	5 26	28 2	18 12	4 58
S 23	23 25	16 48	2 8	22 32	1 32	16 8	2 13	19 58	0 15	18 45	0 57	21 18	0 12	0 15	0 44	19 39	1 40	10 18	11 41	5 55	5 27	28 2	18 12	4 58
M24	23 24	11 45	1 7	22 10	1 25	16 26	2 13	20 8	0 14	18 44	0 57	21 19	0 12	0 15	0 43	19 38	1 40	10 18	11 41	5 56	5 29	28 1	18 12	4 58
T 25	23 22	6 10	0 3	21 47	1 17	16 44	2 11	20 17	0 13	18 43	0 57	21 19	0 12	0 15	0 43	19 38	1 40	10 18	11 41	5 56	5 30	28 0	18 12	4 58
W26	23 21	0 14	1s 4	21 24	1 9	17 1	2 10	20 26	0 13	18 42	0 56	21 20	0 11	0 16	0 43	19 38	1 40	10 18	11 41	5 56	5 31	28 0	18 13	4 58
T 27	23 18	5s53	2 9	21 0	1 1	17 19	2 9	20 35	0 12	18 42	0 56	21 21	0 11	0 16	0 43	19 38	1 40	10 18	11 41	5 56	5 32	27 59	18 13	4 58
F 28	23 16	11 55	3 9	20 35	0 51	17 35	2 8	20 44	0 11	18 41	0 56	21 22	0 11	0 16	0 43	19 38	1 40	10 18	11 41	5 57	5 34	27 58	18 13	4 58
S 29	23 13	17 37	4 0	20 10	0 41	17 52	2 6	20 53	0 11	18 40	0 56	21 23	0 11	0 17	0 43	19 37	1 40	10 18	11 42	5 58	5 35	27 57	18 13	4 59
S 30	23n 9	22s32	4s38	19n45	0n31	18n 8	2s 5	21n 1	0s10	18s39	0n56	21s23	0n11	0s17	0n43	19s37	1n40	10n18	11s42	6s 0	5s36	27n57	18n13	4s59

Julian Day Number = 2501734.5, Delta T = 113.43 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°39'37, Lahiri = 25°46'38

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ASTRODIENST EPHEMERIS for the year 2137
geocentric

JULY 2137 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 36 43	9♋22'49	5♐59	5♌ 0	1♊19	6♊ 3	27°R17	22°R17	2♎25	5°R45	9♊37	14°R38	15♓44	8♋ 3	22♊12	M 1
T 2	18 40 40	10°20'01	21° 4	5°58	2°28	6°45	27♏13	22♑13	2°26	5♐43	9°39	14♓29	15°41	8° 9	22°17	T 2
W 3	18 44 36	11°17'13	6♑21	6°53	3°38	7°28	27°10	22° 8	2°27	5°42	9°40	14°20	15°38	8°16	22°22	W 3
T 4	18 48 33	12°14'24	21°39	7°44	4°47	8°10	27° 6	22° 4	2°28	5°41	9°41	14°12	15°35	8°23	22°27	T 4
F 5	18 52 29	13°11'36	6♒48	8°32	5°57	8°53	27° 2	22° 0	2°30	5°40	9°42	14° 6	15°32	8°30	22°32	F 5
S 6	18 56 26	14° 8'47	21°37	9°16	7° 7	9°35	26°59	21°56	2°31	5°39	9°43	14° 1	15°28	8°36	22°37	S 6
S 7	19 0 23	15° 5'59	6♓ 1	9°56	8°17	10°17	26°56	21°51	2°32	5°37	9°44	13°59	15°25	8°43	22°42	S 7
M 8	19 4 19	16° 3'11	19°57	10°33	9°27	10°59	26°53	21°47	2°34	5°36	9°46	13°D59	15°22	8°50	22°47	M 8
T 9	19 8 16	17° 0'23	3♈26	11° 6	10°37	11°41	26°50	21°42	2°35	5°35	9°47	14° 0	15°19	8°56	22°51	T 9
W10	19 12 12	17°57'35	16°29	11°34	11°47	12°23	26°48	21°38	2°37	5°34	9°48	14°R 1	15°16	9° 3	22°56	W10
T 11	19 16 9	18°54'48	29°11	11°58	12°57	13° 5	26°45	21°34	2°39	5°33	9°49	14° 0	15°13	9°10	23° 1	T 11
F 12	19 20 5	19°52'01	11♉35	12°18	14° 7	13°47	26°43	21°29	2°40	5°32	9°50	13°58	15° 9	9°17	23° 6	F 12
S 13	19 24 2	20°49'15	23°47	12°33	15°18	14°29	26°41	21°25	2°42	5°31	9°51	13°53	15° 6	9°23	23°11	S 13
S 14	19 27 58	21°46'29	5♊48	12°44	16°28	15°11	26°39	21°20	2°44	5°30	9°52	13°47	15° 3	9°30	23°15	S 14
M15	19 31 55	22°43'44	17°44	12°50	17°38	15°53	26°37	21°16	2°46	5°29	9°53	13°38	15° 0	9°37	23°20	M15
T 16	19 35 52	23°40'59	29°36	12°R51	18°49	16°34	26°36	21°11	2°47	5°28	9°54	13°29	14°57	9°43	23°25	T 16
W17	19 39 48	24°38'14	11♋27	12°47	19°59	17°16	26°34	21° 7	2°49	5°27	9°55	13°20	14°53	9°50	23°30	W17
T 18	19 43 45	25°35'30	23°19	12°39	21°10	17°58	26°33	21° 3	2°51	5°26	9°56	13°11	14°50	9°57	23°34	T 18
F 19	19 47 41	26°32'46	5♌13	12°26	22°21	18°39	26°32	20°58	2°53	5°25	9°57	13° 4	14°47	10° 4	23°39	F 19
S 20	19 51 38	27°30'02	17°11	12° 8	23°32	19°20	26°31	20°54	2°55	5°24	9°58	12°59	14°44	10°10	23°43	S 20
S 21	19 55 34	28°27'19	29°15	11°46	24°42	20° 2	26°31	20°49	2°57	5°23	9°59	12°56	14°41	10°17	23°48	S 21
M22	19 59 31	29°24'35	11♍28	11°19	25°53	20°43	26°30	20°45	2°59	5°23	10° 0	12°D55	14°38	10°24	23°52	M22
T 23	20 3 27	0♌21'53	23°52	10°49	27° 4	21°24	26°30	20°41	3° 2	5°22	10° 1	12°55	14°34	10°30	23°57	T 23
W24	20 7 24	1°19'10	6♎30	10°15	28°15	22° 5	26°D30	20°36	3° 4	5°21	10° 2	12°57	14°31	10°37	24° 1	W24
T 25	20 11 21	2°16'28	19°26	9°38	29°26	22°46	26°30	20°32	3° 6	5°20	10° 3	12°58	14°28	10°44	24° 6	T 25
F 26	20 15 17	3°13'46	2♏44	8°58	0♋37	23°27	26°30	20°28	3° 8	5°20	10° 4	12°R59	14°25	10°50	24°10	F 26
S 27	20 19 14	4°11'04	16°25	8°17	1°49	24° 8	26°31	20°24	3°11	5°19	10° 5	12°58	14°22	10°57	24°14	S 27
S 28	20 23 10	5° 8'23	0♐31	7°34	3° 0	24°49	26°32	20°19	3°13	5°18	10° 6	12°56	14°19	11° 4	24°19	S 28
M29	20 27 7	6° 5'42	15° 1	6°51	4°11	25°30	26°32	20°15	3°16	5°18	10° 6	12°52	14°15	11°11	24°23	M29
T 30	20 31 3	7° 3'02	29°51	6° 8	5°22	26°11	26°34	20°11	3°18	5°17	10° 7	12°47	14°12	11°17	24°27	T 30
W31	20 35 0	8♌ 0'22	14♑55	5♌26	6♋34	26♊51	26♏35	20♑ 7	3♎21	5♐17	10♊ 8	12♓42	14♓ 9	11♋24	24♊31	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 6	26s13	5s 0	19n20	0n20	18n24	2s 3	21n 9	0s 9	18s39	0n55	21s24	0n11	0s18	0n43	19s37	1n39	10n18	11s42	6s 3	5s37	27n56	18n13	4s59
T 2	23 1	28 8	5 1	18 55	0 9	18 39	2 2	21 17	0 9	18 38	0 55	21 25	0 11	0 18	0 43	19 37	1 39	10 19	11 42	6 6	5 38	27 55	18 13	4 59
W 3	22 57	27 57	4 41	18 30	0s 3	18 54	2 0	21 25	0 8	18 37	0 55	21 26	0 11	0 19	0 43	19 37	1 39	10 19	11 42	6 10	5 40	27 54	18 13	4 59
T 4	22 52	25 39	4 1	18 5	0 15	19 8	1 58	21 32	0 7	18 37	0 55	21 26	0 11	0 19	0 43	19 36	1 39	10 19	11 42	6 13	5 41	27 54	18 13	5 0
F 5	22 46	21 32	3 5	17 40	0 28	19 22	1 56	21 40	0 6	18 36	0 54	21 27	0 11	0 20	0 43	19 36	1 39	10 19	11 42	6 15	5 42	27 53	18 14	5 0
S 6	22 40	16 8	1 57	17 16	0 41	19 36	1 55	21 47	0 6	18 36	0 54	21 28	0 11	0 21	0 43	19 36	1 39	10 19	11 42	6 17	5 43	27 52	18 14	5 0
S 7	22 34	9 57	0 42	16 52	0 55	19 49	1 53	21 54	0 5	18 35	0 54	21 29	0 11	0 21	0 43	19 36	1 39	10 19	11 42	6 18	5 45	27 51	18 14	5 0
M 8	22 28	3 29	0n32	16 29	1 8	20 2	1 51	22 0	0 4	18 35	0 54	21 29	0 10	0 22	0 43	19 36	1 39	10 19	11 42	6 18	5 46	27 50	18 14	5 0
T 9	22 21	2n56	1 42	16 6	1 23	20 14	1 49	22 7	0 3	18 34	0 54	21 30	0 10	0 22	0 43	19 36	1 39	10 19	11 42	6 17	5 47	27 50	18 14	5 1
W10	22 13	9 1	2 45	15 45	1 37	20 26	1 46	22 13	0 3	18 34	0 53	21 31	0 10	0 23	0 43	19 36	1 39	10 19	11 43	6 17	5 48	27 49	18 14	5 1
T 11	22 5	14 34	3 38	15 24	1 52	20 37	1 44	22 19	0 2	18 33	0 53	21 32	0 10	0 24	0 43	19 35	1 39	10 19	11 43	6 17	5 49	27 48	18 14	5 1
F 12	21 57	19 24	4 19	15 5	2 6	20 48	1 42	22 25	0 1	18 33	0 53	21 33	0 10	0 24	0 43	19 35	1 39	10 19	11 43	6 18	5 51	27 47	18 14	5 1
S 13	21 49	23 21	4 48	14 46	2 21	20 58	1 40	22 31	0 0	18 33	0 53	21 33	0 10	0 25	0 43	19 35	1 39	10 19	11 43	6 20	5 52	27 46	18 14	5 2
S 14	21 40	26 14	5 3	14 29	2 36	21 7	1 37	22 36	0n 0	18 33	0 52	21 34	0 10	0 26	0 43	19 35	1 39	10 19	11 43	6 23	5 53	27 45	18 14	5 2
M15	21 31	27 55	5 5	14 13	2 50	21 16	1 35	22 42	0 1	18 33	0 52	21 35	0 10	0 27	0 43	19 35	1 39	10 19	11 43	6 26	5 54	27 45	18 14	5 2
T 16	21 21	28 19	4 54	13 59	3 5	21 25	1 33	22 47	0 2	18 32	0 52	21 36	0 10	0 27	0 43	19 35	1 39	10 19	11 43	6 29	5 56	27 44	18 14	5 2
W17	21 11	27 25	4 30	13 47	3 19	21 33	1 30	22 51	0 2	18 32	0 52	21 36	0 10	0 28	0 43	19 35	1 39	10 19	11 43	6 33	5 57	27 43	18 14	5 3
T 18	21 1	25 16	3 55	13 36	3 33	21 40	1 28	22 56	0 3	18 32	0 51	21 37	0 10	0 29	0 42	19 34	1 39	10 19	11 44	6 36	5 58	27 42	18 14	5 3
F 19	20 50	22 0	3 9	13 27	3 46	21 47	1 25	23 0	0 4	18 32	0 51	21 38	0 10	0 30	0 42	19 34	1 39	10 19	11 44	6 39	5 59	27 41	18 14	5 3
S 20	20 39	17 48	2 14	13 19	3 59	21 54	1 22	23 4	0 5	18 32	0 51	21 39	0 9	0 31	0 42	19 34	1 39	10 19	11 44	6 41	6 1	27 40	18 13	5 3
S 21	20 27	12 52	1 13	13 14	4 10	21 59	1 20	23 8	0 5	18 32	0 51	21 39	0 9	0 32	0 42	19 34	1 39	10 19	11 44	6 42	6 2	27 39	18 13	5 4
M22	20 16	7 23	0 8	13 11	4 21	22 5	1 17	23 12	0 6	18 33	0 50	21 40	0 9	0 32	0 42	19 34	1 39	10 19	11 44	6 42	6 3	27 38	18 13	5 4
T 23	20 4	1 32	0s59	13 10	4 31	22 9	1 14	23 16	0 7	18 33	0 50	21 41	0 9	0 33	0 42	19 34	1 39	10 19	11 44	6 42	6 4	27 37	18 13	5 4
W24	19 51	4s29	2 4	13 10	4 39	22 13	1 12	23 19	0 8	18 33	0 50	21 42	0 9	0 34	0 42	19 34	1 38	10 19	11 44	6 42	6 5	27 36	18 13	5 5
T 25	19 38	10 27	3 5	13 13	4 47	22 17	1 9	23 22	0 9	18 33	0 50	21 42	0 9	0 35	0 42	19 34	1 38	10 19	11 45	6 41	6 7	27 36	18 13	5 5
F 26	19 25	16 8	3 58	13 18	4 52	22 19	1 6	23 25	0 9	18 34	0 49	21 43	0 9	0 36	0 42	19 34	1 38	10 19	11 45	6 41	6 8	27 35	18 13	5 5
S 27	19 12	21 10	4 38	13 25	4 56	22 21	1 3	23 28	0 10	18 34	0 49	21 44	0 9	0 37	0 42	19 34	1 38	10 19	11 45	6 41	6 9	27 34	18 13	5 5
S 28	18 58	25 11	5 4	13 33	4 59	22 23	1 0	23 30	0 11	18 34	0 49	21 45	0 9	0 38	0 42	19 34	1 38	10 19	11 45	6 42	6 10	27 33	18 13	5 6
M29	18 44	27 44	5 11	13 43	4 59	22 24	0 58	23 32	0 12	18 35	0 49	21 45	0 9	0 39	0 42	19 34	1 38	10 19	11 45	6 44	6 12	27 32	18 12	5 6
T 30	18 30	28 23	4 57	13 55	4 58	22 24	0 55	23 34	0 12	18 35	0 49	21 46	0 9	0 40	0 42	19 34	1 38	10 19	11 45	6 45	6 13	27 31	18 12	5 6
W31	18n15	26s57	4s23	14n 8	4s55	22n24	0s52	23n36	0n13	18s36	0n48	21s47	0n 8	0s41	0n42	19s34	1n38	10n19	11s46	6s47	6s14	27n30	18n12	5s 7

Julian Day Number = 2501764.5, Delta T = 113.49 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°39'41, Lahiri = 25°46'42

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ASTRODIENST EPHEMERIS for the year 2137
geocentric

AUGUST 2137 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 56	8♌57'42	0♒ 3	4°R46	7♋45	27♊32	26♏36	20°R 3	3♎23	5°R16	10♊ 9	12°R38	14♓ 6	11♋31	24♊35	T 1
F 2	20 42 53	9°55'04	15° 7	4♌ 8	8°57	28°13	26°38	19♑59	3°26	5♐16	10°10	12♓34	14° 3	11°37	24°40	F 2
S 3	20 46 50	10°52'26	29°55	3°34	10° 8	28°53	26°39	19°55	3°28	5°15	10°10	12°32	13°59	11°44	24°44	S 3
S 4	20 50 46	11°49'49	14♓23	3° 4	11°20	29°33	26°41	19°51	3°31	5°15	10°11	12°D32	13°56	11°51	24°48	S 4
M 5	20 54 43	12°47'13	28°25	2°38	12°32	0♋14	26°43	19°47	3°34	5°15	10°12	12°33	13°53	11°58	24°52	M 5
T 6	20 58 39	13°44'38	12♈ 0	2°18	13°44	0°54	26°46	19°43	3°36	5°14	10°13	12°34	13°50	12° 4	24°55	T 6
W 7	21 2 36	14°42'05	25° 9	2° 3	14°55	1°34	26°48	19°39	3°39	5°14	10°13	12°36	13°47	12°11	24°59	W 7
T 8	21 6 32	15°39'32	7♉55	1°54	16° 7	2°14	26°51	19°36	3°42	5°14	10°14	12°37	13°44	12°18	25° 3	T 8
F 9	21 10 29	16°37'01	20°22	1°D52	17°19	2°54	26°54	19°32	3°45	5°13	10°15	12°R37	13°40	12°24	25° 7	F 9
S 10	21 14 25	17°34'31	2♊33	1°56	18°31	3°34	26°56	19°28	3°48	5°13	10°15	12°36	13°37	12°31	25°11	S 10
S 11	21 18 22	18°32'03	14°34	2° 6	19°43	4°14	27° 0	19°25	3°50	5°13	10°16	12°34	13°34	12°38	25°14	S 11
M12	21 22 19	19°29'36	26°27	2°24	20°56	4°54	27° 3	19°21	3°53	5°13	10°16	12°31	13°31	12°45	25°18	M12
T 13	21 26 15	20°27'10	8♋19	2°48	22° 8	5°34	27° 6	19°18	3°56	5°13	10°17	12°28	13°28	12°51	25°22	T 13
W14	21 30 12	21°24'45	20°10	3°20	23°20	6°14	27°10	19°14	3°59	5°12	10°18	12°24	13°25	12°58	25°25	W14
T 15	21 34 8	22°22'22	2♌ 5	3°58	24°32	6°53	27°14	19°11	4° 2	5°12	10°18	12°21	13°21	13° 5	25°29	T 15
F 16	21 38 5	23°20'00	14° 5	4°43	25°45	7°33	27°18	19° 8	4° 6	5°12	10°19	12°18	13°18	13°11	25°32	F 16
S 17	21 42 1	24°17'39	26°12	5°34	26°57	8°12	27°22	19° 4	4° 9	5°D12	10°19	12°17	13°15	13°18	25°35	S 17
S 18	21 45 58	25°15'20	8♍29	6°33	28°10	8°52	27°26	19° 1	4°12	5°12	10°20	12°D16	13°12	13°25	25°39	S 18
M19	21 49 54	26°13'01	20°56	7°37	29°22	9°31	27°31	18°58	4°15	5°12	10°20	12°16	13° 9	13°31	25°42	M19
T 20	21 53 51	27°10'44	3♎35	8°48	0♌35	10°10	27°35	18°55	4°18	5°12	10°21	12°17	13° 5	13°38	25°45	T 20
W21	21 57 48	28° 8'28	16°27	10° 5	1°47	10°50	27°40	18°52	4°21	5°13	10°21	12°18	13° 2	13°45	25°48	W21
T 22	22 1 44	29° 6'13	29°35	11°27	3° 0	11°29	27°45	18°49	4°25	5°13	10°21	12°19	12°59	13°52	25°51	T 22
F 23	22 5 41	0♍ 3'59	12♏59	12°54	4°13	12° 8	27°50	18°47	4°28	5°13	10°22	12°20	12°56	13°58	25°54	F 23
S 24	22 9 37	1° 1'46	26°40	14°26	5°26	12°47	27°56	18°44	4°31	5°13	10°22	12°R20	12°53	14° 5	25°57	S 24
S 25	22 13 34	1°59'34	10♐39	16° 3	6°38	13°26	28° 1	18°41	4°34	5°13	10°22	12°20	12°50	14°12	26° 0	S 25
M26	22 17 30	2°57'24	24°56	17°43	7°51	14° 5	28° 7	18°39	4°38	5°14	10°23	12°20	12°46	14°18	26° 3	M26
T 27	22 21 27	3°55'15	9♑26	19°27	9° 4	14°43	28°12	18°36	4°41	5°14	10°23	12°19	12°43	14°25	26° 6	T 27
W28	22 25 23	4°53'07	24° 7	21°14	10°17	15°22	28°18	18°34	4°45	5°14	10°23	12°18	12°40	14°32	26° 9	W28
T 29	22 29 20	5°51'00	8♒53	23° 4	11°30	16° 1	28°24	18°32	4°48	5°15	10°24	12°17	12°37	14°38	26°11	T 29
F 30	22 33 17	6°48'54	23°36	24°56	12°43	16°39	28°30	18°30	4°51	5°15	10°24	12°17	12°34	14°45	26°14	F 30
S 31	22 37 13	7♍46'50	8♓11	26♌50	13♌56	17♋17	28♏37	18♑27	4♎55	5♐16	10♊24	12°D17	12♓30	14♋52	26♊17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 0	23s34	3s31	14n22	4s50	22n23	0s49	23n38	0n14	18s36	0n48	21s47	0n 8	0s42	0n42	19s33	1n38	10n19	11s46	6s49	6s15	27n29	18n12	5s 7
F 2	17 45	18 35	2 24	14 36	4 44	22 21	0 46	23 39	0 15	18 37	0 48	21 48	0 8	0 43	0 42	19 33	1 38	10 19	11 46	6 50	6 16	27 28	18 12	5 7
S 3	17 30	12 34	1 8	14 52	4 36	22 19	0 43	23 41	0 15	18 37	0 48	21 49	0 8	0 44	0 42	19 33	1 38	10 18	11 46	6 51	6 18	27 27	18 12	5 8
S 4	17 14	5 59	0n10	15 8	4 26	22 16	0 40	23 42	0 16	18 38	0 47	21 49	0 8	0 45	0 42	19 33	1 38	10 18	11 46	6 51	6 19	27 26	18 11	5 8
M 5	16 58	0n41	1 26	15 25	4 15	22 13	0 37	23 42	0 17	18 39	0 47	21 50	0 8	0 46	0 42	19 33	1 38	10 18	11 47	6 51	6 20	27 25	18 11	5 8
T 6	16 41	7 7	2 34	15 41	4 3	22 9	0 34	23 43	0 18	18 40	0 47	21 51	0 8	0 48	0 42	19 33	1 38	10 18	11 47	6 50	6 21	27 24	18 11	5 9
W 7	16 25	13 1	3 33	15 57	3 50	22 4	0 31	23 43	0 19	18 40	0 47	21 51	0 8	0 49	0 42	19 33	1 38	10 18	11 47	6 50	6 23	27 23	18 11	5 9
T 8	16 8	18 13	4 18	16 13	3 36	21 59	0 28	23 44	0 19	18 41	0 46	21 52	0 8	0 50	0 42	19 33	1 38	10 18	11 47	6 49	6 24	27 21	18 11	5 10
F 9	15 51	22 29	4 51	16 28	3 21	21 53	0 25	23 44	0 20	18 42	0 46	21 53	0 8	0 51	0 42	19 33	1 38	10 18	11 47	6 49	6 25	27 20	18 10	5 10
S 10	15 33	25 42	5 9	16 43	3 5	21 46	0 22	23 44	0 21	18 43	0 46	21 53	0 8	0 52	0 42	19 33	1 38	10 18	11 47	6 50	6 26	27 19	18 10	5 10
S 11	15 16	27 43	5 14	16 56	2 49	21 39	0 19	23 43	0 22	18 44	0 46	21 54	0 7	0 53	0 42	19 33	1 37	10 18	11 48	6 50	6 27	27 18	18 10	5 11
M12	14 58	28 27	5 5	17 8	2 32	21 31	0 17	23 43	0 23	18 45	0 45	21 54	0 7	0 55	0 42	19 33	1 37	10 18	11 48	6 52	6 29	27 17	18 10	5 11
T 13	14 40	27 52	4 43	17 19	2 15	21 23	0 14	23 42	0 23	18 46	0 45	21 55	0 7	0 56	0 42	19 33	1 37	10 17	11 48	6 53	6 30	27 16	18 9	5 11
W14	14 21	26 0	4 9	17 29	1 59	21 14	0 11	23 41	0 24	18 47	0 45	21 56	0 7	0 57	0 42	19 34	1 37	10 17	11 48	6 54	6 31	27 15	18 9	5 12
T 15	14 3	22 59	3 24	17 36	1 42	21 4	0 8	23 40	0 25	18 48	0 45	21 56	0 7	0 58	0 42	19 34	1 37	10 17	11 48	6 55	6 32	27 14	18 9	5 12
F 16	13 44	18 58	2 29	17 42	1 25	20 54	0 5	23 38	0 26	18 49	0 45	21 57	0 7	0 59	0 42	19 34	1 37	10 17	11 49	6 56	6 34	27 13	18 8	5 13
S 17	13 25	14 9	1 27	17 45	1 9	20 43	0 2	23 37	0 27	18 50	0 44	21 57	0 7	1 1	0 41	19 34	1 37	10 17	11 49	6 57	6 35	27 12	18 8	5 13
S 18	13 6	8 42	0 21	17 47	0 52	20 32	0n 1	23 35	0 27	18 52	0 44	21 58	0 7	1 2	0 41	19 34	1 37	10 17	11 49	6 57	6 36	27 10	18 8	5 14
M19	12 46	2 52	0s48	17 46	0 37	20 20	0 4	23 33	0 28	18 53	0 44	21 58	0 7	1 3	0 41	19 34	1 37	10 17	11 49	6 57	6 37	27 9	18 7	5 14
T 20	12 27	3s11	1 55	17 42	0 22	20 7	0 6	23 31	0 29	18 54	0 44	21 59	0 7	1 4	0 41	19 34	1 37	10 17	11 49	6 57	6 38	27 8	18 7	5 14
W21	12 7	9 12	2 58	17 36	0 7	19 54	0 9	23 29	0 30	18 55	0 43	21 59	0 6	1 6	0 41	19 34	1 37	10 16	11 50	6 57	6 40	27 7	18 7	5 15
T 22	11 47	14 57	3 53	17 26	0n 7	19 40	0 12	23 26	0 31	18 57	0 43	22 0	0 6	1 7	0 41	19 34	1 37	10 16	11 50	6 56	6 41	27 6	18 6	5 15
F 23	11 26	20 6	4 36	17 15	0 20	19 26	0 15	23 24	0 31	18 58	0 43	22 0	0 6	1 8	0 41	19 34	1 37	10 16	11 50	6 56	6 42	27 5	18 6	5 16
S 24	11 6	24 20	5 5	17 0	0 32	19 11	0 17	23 21	0 32	18 59	0 43	22 1	0 6	1 10	0 41	19 34	1 37	10 16	11 50	6 56	6 43	27 4	18 6	5 16
S 25	10 46	27 15	5 16	16 42	0 43	18 55	0 20	23 18	0 33	19 1	0 43	22 1	0 6	1 11	0 41	19 34	1 37	10 16	11 51	6 56	6 44	27 2	18 5	5 17
M26	10 25	28 28	5 9	16 22	0 54	18 40	0 23	23 15	0 34	19 2	0 42	22 2	0 6	1 12	0 41	19 34	1 37	10 16	11 51	6 56	6 46	27 1	18 5	5 17
T 27	10 4	27 47	4 42	15 58	1 3	18 23	0 25	23 11	0 35	19 4	0 42	22 2	0 6	1 14	0 41	19 35	1 37	10 15	11 51	6 56	6 47	27 0	18 5	5 17
W28	9 43	25 9	3 56	15 33	1 12	18 6	0 28	23 8	0 36	19 5	0 42	22 2	0 6	1 15	0 41	19 35	1 37	10 15	11 51	6 56	6 48	26 59	18 4	5 18
T 29	9 22	20 50	2 55	15 4	1 19	17 48	0 30	23 4	0 36	19 7	0 42	22 3	0 6	1 17	0 41	19 35	1 36	10 15	11 51	6 57	6 49	26 58	18 4	5 18
F 30	9 0	15 15	1 42	14 33	1 26	17 30	0 33	23 0	0 37	19 8	0 42	22 3	0 6	1 18	0 41	19 35	1 36	10 15	11 52	6 57	6 51	26 56	18 4	5 19
S 31	8n39	8s51	0s23	14n 0	1n31	17n12	0n35	22n56	0n38	19s10	0n41	22s 4	0n 6	1s19	0n41	19s35	1n36	10n15	11s52	6s57	6s52	26n55	18n 3	5s19

Julian Day Number = 2501795.5, Delta T = 113.54 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°39'46, Lahiri = 25°46'46

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ASTRODIENST EPHEMERIS for the year 2137
geocentric

SEPTEMBER 2137 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 10	8♍44'48	22♓29	28♌46	15♌10	17♋56	28♏43	18°R25	4♎58	5♐16	10♊24	12♓17	12♓27	14♋59	26♊19	S 1
M 2	22 45 6	9°42'47	6♈28	0♍42	16°23	18°34	28°50	18♏23	5° 2	5°17	10°24	12°17	12°24	15° 5	26°21	M 2
T 3	22 49 3	10°40'47	20° 4	2°39	17°36	19°12	28°57	18°22	5° 5	5°17	10°25	12°17	12°21	15°12	26°24	T 3
W 4	22 52 59	11°38'50	3♉16	4°36	18°49	19°50	29° 4	18°20	5° 9	5°18	10°25	12°17	12°18	15°19	26°26	W 4
T 5	22 56 56	12°36'55	16° 6	6°34	20° 3	20°28	29°11	18°18	5°12	5°18	10°25	12°R17	12°15	15°25	26°28	T 5
F 6	23 0 52	13°35'01	28°36	8°31	21°16	21° 6	29°18	18°17	5°16	5°19	10°25	12°17	12°11	15°32	26°30	F 6
S 7	23 4 49	14°33'10	10♊49	10°28	22°30	21°44	29°25	18°15	5°20	5°20	10°25	12°D17	12° 8	15°39	26°33	S 7
S 8	23 8 46	15°31'20	22°51	12°24	23°43	22°22	29°32	18°14	5°23	5°20	10°25	12°17	12° 5	15°45	26°35	S 8
M 9	23 12 42	16°29'33	4♋45	14°20	24°57	23° 0	29°40	18°12	5°27	5°21	10°25	12°17	12° 2	15°52	26°37	M 9
T 10	23 16 39	17°27'47	16°36	16°15	26°10	23°37	29°48	18°11	5°30	5°22	10°R25	12°18	11°59	15°59	26°38	T 10
W11	23 20 35	18°26'04	28°29	18°10	27°24	24°15	29°56	18°10	5°34	5°23	10°25	12°18	11°56	16° 6	26°40	W11
T 12	23 24 32	19°24'22	10♌27	20° 3	28°38	24°53	0♐ 4	18° 9	5°38	5°23	10°25	12°19	11°52	16°12	26°42	T 12
F 13	23 28 28	20°22'42	22°34	21°55	29°52	25°30	0°12	18° 8	5°41	5°24	10°25	12°20	11°49	16°19	26°44	F 13
S 14	23 32 25	21°21'04	4♍52	23°47	1♍ 5	26° 7	0°20	18° 7	5°45	5°25	10°25	12°20	11°46	16°26	26°45	S 14
S 15	23 36 21	22°19'28	17°24	25°37	2°19	26°44	0°28	18° 6	5°49	5°26	10°25	12°R20	11°43	16°32	26°47	S 15
M16	23 40 18	23°17'54	0♎ 9	27°26	3°33	27°22	0°37	18° 6	5°53	5°27	10°25	12°20	11°40	16°39	26°48	M16
T 17	23 44 15	24°16'22	13°10	29°14	4°47	27°59	0°45	18° 5	5°56	5°28	10°24	12°19	11°36	16°46	26°50	T 17
W18	23 48 11	25°14'52	26°25	1♎ 2	6° 1	28°36	0°54	18° 5	6° 0	5°29	10°24	12°17	11°33	16°52	26°51	W18
T 19	23 52 8	26°13'23	9♏53	2°48	7°15	29°12	1° 3	18° 4	6° 4	5°30	10°24	12°15	11°30	16°59	26°52	T 19
F 20	23 56 4	27°11'56	23°34	4°33	8°29	29°49	1°12	18° 4	6° 8	5°31	10°24	12°13	11°27	17° 6	26°53	F 20
S 21	0 0 1	28°10'31	7♐26	6°16	9°43	0♌26	1°21	18° 4	6°11	5°32	10°24	12°12	11°24	17°13	26°54	S 21
S 22	0 3 57	29° 9'07	21°28	7°59	10°57	1° 2	1°30	18°D 4	6°15	5°33	10°23	12°11	11°21	17°19	26°55	S 22
M23	0 7 54	0♎ 7'45	5♑37	9°41	12°11	1°39	1°39	18° 4	6°19	5°34	10°23	12°D11	11°17	17°26	26°56	M23
T 24	0 11 50	1° 6'25	19°52	11°22	13°26	2°15	1°49	18° 4	6°23	5°36	10°23	12°12	11°14	17°33	26°57	T 24
W25	0 15 47	2° 5'06	4♒11	13° 2	14°40	2°51	1°58	18° 4	6°26	5°37	10°22	12°13	11°11	17°39	26°58	W25
T 26	0 19 44	3° 3'49	18°30	14°41	15°54	3°28	2° 8	18° 5	6°30	5°38	10°22	12°14	11° 8	17°46	26°59	T 26
F 27	0 23 40	4° 2'33	2♓46	16°19	17° 8	4° 4	2°17	18° 5	6°34	5°39	10°22	12°15	11° 5	17°53	26°59	F 27
S 28	0 27 37	5° 1'20	16°55	17°56	18°23	4°40	2°27	18° 6	6°38	5°41	10°21	12°R15	11° 2	17°59	27° 0	S 28
S 29	0 31 33	6° 0'08	0♈53	19°32	19°37	5°16	2°37	18° 6	6°42	5°42	10°21	12°14	10°58	18° 6	27° 0	S 29
M30	0 35 30	6♎58'58	14♈37	21♎ 7	20♍52	5♌51	2♐47	18♑ 7	6♎45	5♐43	10♊21	12♓12	10♓55	18♋13	27♊ 1	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n17	2s 7	0n56	13n24	1n36	16n53	0n38	22n52	0n39	19s12	0n41	22s 4	0n 5	1s21	0n41	19s35	1n36	10n15	11s52	6s57	6s53	26n54	18n 3	5s20
M 2	7 55	4n34	2 10	12 47	1 40	16 33	0 40	22 48	0 40	19 13	0 41	22 4	0 5	1 22	0 41	19 35	1 36	10 14	11 52	6 57	6 54	26 53	18 2	5 20
T 3	7 33	10 50	3 15	12 8	1 43	16 13	0 42	22 43	0 41	19 15	0 41	22 5	0 5	1 23	0 41	19 35	1 36	10 14	11 52	6 57	6 55	26 51	18 2	5 21
W 4	7 11	16 27	4 7	11 27	1 45	15 53	0 45	22 38	0 41	19 17	0 41	22 5	0 5	1 25	0 41	19 36	1 36	10 14	11 53	6 57	6 57	26 50	18 2	5 21
T 5	6 49	21 11	4 45	10 45	1 46	15 32	0 47	22 34	0 42	19 18	0 40	22 5	0 5	1 26	0 41	19 36	1 36	10 14	11 53	6 57	6 58	26 49	18 1	5 22
F 6	6 27	24 50	5 8	10 1	1 47	15 11	0 49	22 29	0 43	19 20	0 40	22 6	0 5	1 28	0 41	19 36	1 36	10 14	11 53	6 57	6 59	26 48	18 1	5 22
S 7	6 5	27 17	5 17	9 17	1 47	14 49	0 51	22 24	0 44	19 22	0 40	22 6	0 5	1 29	0 41	19 36	1 36	10 13	11 53	6 57	7 0	26 46	18 0	5 23
S 8	5 42	28 25	5 12	8 32	1 46	14 27	0 53	22 18	0 45	19 24	0 40	22 6	0 5	1 31	0 41	19 36	1 36	10 13	11 54	6 57	7 1	26 45	18 0	5 23
M 9	5 20	28 13	4 53	7 46	1 44	14 4	0 55	22 13	0 46	19 25	0 40	22 7	0 5	1 32	0 41	19 37	1 36	10 13	11 54	6 57	7 3	26 44	17 59	5 24
T 10	4 57	26 44	4 22	6 59	1 42	13 41	0 57	22 7	0 47	19 27	0 39	22 7	0 5	1 34	0 41	19 37	1 36	10 13	11 54	6 57	7 4	26 42	17 59	5 24
W11	4 34	24 2	3 40	6 13	1 40	13 18	0 59	22 2	0 47	19 29	0 39	22 7	0 5	1 35	0 41	19 37	1 36	10 12	11 54	6 56	7 5	26 41	17 59	5 24
T 12	4 11	20 18	2 48	5 25	1 37	12 54	1 1	21 56	0 48	19 31	0 39	22 7	0 4	1 36	0 41	19 37	1 36	10 12	11 54	6 56	7 6	26 40	17 58	5 25
F 13	3 49	15 41	1 47	4 38	1 33	12 30	1 3	21 50	0 49	19 33	0 39	22 7	0 4	1 38	0 41	19 37	1 36	10 12	11 55	6 56	7 7	26 38	17 58	5 25
S 14	3 26	10 22	0 41	3 50	1 29	12 5	1 5	21 44	0 50	19 35	0 39	22 8	0 4	1 39	0 41	19 38	1 36	10 12	11 55	6 56	7 9	26 37	17 57	5 26
S 15	3 3	4 33	0s28	3 2	1 25	11 41	1 7	21 38	0 51	19 37	0 38	22 8	0 4	1 41	0 41	19 38	1 35	10 12	11 55	6 56	7 10	26 36	17 57	5 26
M16	2 40	1s33	1 37	2 15	1 20	11 15	1 8	21 31	0 52	19 39	0 38	22 8	0 4	1 42	0 41	19 38	1 35	10 11	11 55	6 56	7 11	26 34	17 56	5 27
T 17	2 16	7 41	2 42	1 27	1 15	10 50	1 10	21 25	0 53	19 41	0 38	22 8	0 4	1 44	0 41	19 38	1 35	10 11	11 55	6 56	7 12	26 33	17 56	5 27
W18	1 53	13 36	3 40	0 39	1 10	10 24	1 11	21 18	0 53	19 43	0 38	22 8	0 4	1 45	0 41	19 38	1 35	10 11	11 56	6 57	7 14	26 32	17 55	5 28
T 19	1 30	18 59	4 27	0s 8	1 4	9 58	1 13	21 11	0 54	19 44	0 38	22 8	0 4	1 47	0 41	19 39	1 35	10 11	11 56	6 58	7 15	26 30	17 55	5 29
F 20	1 7	23 29	4 59	0 55	0 58	9 32	1 14	21 5	0 55	19 46	0 37	22 9	0 4	1 48	0 41	19 39	1 35	10 10	11 56	6 58	7 16	26 29	17 54	5 29
S 21	0 44	26 42	5 14	1 41	0 52	9 5	1 16	20 58	0 56	19 48	0 37	22 9	0 4	1 50	0 41	19 39	1 35	10 10	11 56	6 59	7 17	26 28	17 54	5 30
S 22	0 20	28 20	5 11	2 28	0 46	8 38	1 17	20 50	0 57	19 51	0 37	22 9	0 4	1 51	0 41	19 39	1 35	10 10	11 57	6 59	7 18	26 26	17 53	5 30
M23	0s 3	28 8	4 50	3 14	0 39	8 11	1 18	20 43	0 58	19 53	0 37	22 9	0 4	1 53	0 41	19 40	1 35	10 10	11 57	6 59	7 20	26 25	17 53	5 31
T 24	0 26	26 5	4 10	3 59	0 33	7 44	1 19	20 36	0 59	19 55	0 37	22 9	0 3	1 54	0 41	19 40	1 35	10 9	11 57	6 59	7 21	26 23	17 52	5 31
W25	0 50	22 21	3 15	4 45	0 26	7 16	1 20	20 29	1 0	19 57	0 37	22 9	0 3	1 56	0 41	19 40	1 35	10 9	11 57	6 58	7 22	26 22	17 52	5 32
T 26	1 13	17 17	2 7	5 29	0 19	6 48	1 21	20 21	1 1	19 59	0 36	22 9	0 3	1 57	0 41	19 40	1 35	10 9	11 57	6 58	7 23	26 20	17 51	5 32
F 27	1 36	11 18	0 52	6 13	0 12	6 20	1 22	20 13	1 2	20 1	0 36	22 9	0 3	1 59	0 41	19 41	1 35	10 9	11 58	6 58	7 24	26 19	17 51	5 33
S 28	2 0	4 46	0n26	6 57	0 5	5 52	1 23	20 6	1 2	20 3	0 36	22 9	0 3	2 0	0 41	19 41	1 35	10 9	11 58	6 57	7 26	26 18	17 50	5 33
S 29	2 23	1n54	1 41	7 40	0s 2	5 24	1 24	19 58	1 3	20 5	0 36	22 9	0 3	2 2	0 41	19 41	1 35	10 8	11 58	6 58	7 27	26 16	17 50	5 34
M30	2s46	8n21	2n48	8s22	0s 9	4n55	1n25	19n50	1n 4	20s 7	0n36	22s 9	0n 3	2s 3	0n41	19s42	1n35	10n 8	11s58	6s59	7s28	26n15	17n49	5s34

Julian Day Number = 2501826.5, Delta T = 113.59 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°39'50, Lahiri = 25°46'50

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ASTRODIENST EPHEMERIS for the year 2137
geocentric

OCTOBER 2137 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 26	7♎57'50	28♈ 4	22♎41	22♍ 6	6♌27	2♐57	18♑ 8	6♎49	5♐45	10°R20	12°R 9	10♓52	18♋19	27♊ 1	T 1
W 2	0 43 23	8°56'45	11♉12	24°14	23°21	7° 3	3° 7	18° 9	6°53	5°46	10♊20	12♓ 5	10°49	18°26	27° 1	W 2
T 3	0 47 19	9°55'41	24° 0	25°47	24°35	7°38	3°18	18°10	6°57	5°48	10°19	12° 0	10°46	18°33	27° 1	T 3
F 4	0 51 16	10°54'40	6♊30	27°19	25°50	8°14	3°28	18°11	7° 0	5°49	10°19	11°56	10°42	18°40	27° 2	F 4
S 5	0 55 13	11°53'41	18°45	28°49	27° 4	8°49	3°39	18°12	7° 4	5°51	10°18	11°53	10°39	18°46	27°R 2	S 5
S 6	0 59 9	12°52'45	0♋47	0♏19	28°19	9°24	3°49	18°13	7° 8	5°52	10°18	11°51	10°36	18°53	27° 1	S 6
M 7	1 3 6	13°51'50	12°41	1°48	29°33	9°59	4° 0	18°15	7°12	5°54	10°17	11°D50	10°33	19° 0	27° 1	M 7
T 8	1 7 2	14°50'58	24°32	3°16	0♎48	10°34	4°11	18°16	7°16	5°55	10°17	11°50	10°30	19° 6	27° 1	T 8
W 9	1 10 59	15°50'09	6♌25	4°44	2° 3	11° 9	4°22	18°18	7°19	5°57	10°16	11°52	10°27	19°13	27° 1	W 9
T 10	1 14 55	16°49'21	18°24	6°10	3°18	11°44	4°32	18°20	7°23	5°58	10°15	11°53	10°23	19°20	27° 0	T 10
F 11	1 18 52	17°48'36	0♍35	7°36	4°32	12°18	4°44	18°21	7°27	6° 0	10°15	11°55	10°20	19°26	27° 0	F 11
S 12	1 22 48	18°47'53	13° 1	9° 0	5°47	12°53	4°55	18°23	7°31	6° 2	10°14	11°R55	10°17	19°33	27° 0	S 12
S 13	1 26 45	19°47'12	25°45	10°24	7° 2	13°27	5° 6	18°25	7°34	6° 3	10°14	11°54	10°14	19°40	26°59	S 13
M14	1 30 41	20°46'33	8♎49	11°47	8°17	14° 1	5°17	18°27	7°38	6° 5	10°13	11°52	10°11	19°47	26°58	M14
T 15	1 34 38	21°45'56	22°12	13° 9	9°32	14°36	5°28	18°29	7°42	6° 7	10°12	11°47	10° 7	19°53	26°57	T 15
W16	1 38 35	22°45'22	5♏53	14°29	10°47	15°10	5°40	18°32	7°45	6° 8	10°11	11°41	10° 4	20° 0	26°57	W16
T 17	1 42 31	23°44'49	19°50	15°49	12° 1	15°43	5°51	18°34	7°49	6°10	10°11	11°34	10° 1	20° 7	26°56	T 17
F 18	1 46 28	24°44'19	3♐57	17° 7	13°16	16°17	6° 3	18°37	7°53	6°12	10°10	11°27	9°58	20°13	26°55	F 18
S 19	1 50 24	25°43'50	18°10	18°24	14°31	16°51	6°15	18°39	7°56	6°14	10° 9	11°21	9°55	20°20	26°54	S 19
S 20	1 54 21	26°43'23	2♑26	19°40	15°46	17°24	6°26	18°42	8° 0	6°16	10° 8	11°17	9°52	20°27	26°53	S 20
M21	1 58 17	27°42'58	16°40	20°54	17° 1	17°58	6°38	18°45	8° 4	6°17	10° 8	11°14	9°48	20°33	26°51	M21
T 22	2 2 14	28°42'34	0♒50	22° 7	18°16	18°31	6°50	18°47	8° 7	6°19	10° 7	11°D14	9°45	20°40	26°50	T 22
W23	2 6 11	29°42'13	14°54	23°18	19°31	19° 4	7° 2	18°50	8°11	6°21	10° 6	11°15	9°42	20°47	26°49	W23
T 24	2 10 7	0♏41'52	28°52	24°28	20°46	19°37	7°14	18°53	8°15	6°23	10° 5	11°16	9°39	20°53	26°47	T 24
F 25	2 14 4	1°41'34	12♓42	25°35	22° 1	20°10	7°26	18°56	8°18	6°25	10° 4	11°R16	9°36	21° 0	26°46	F 25
S 26	2 18 0	2°41'17	26°24	26°40	23°17	20°42	7°38	19° 0	8°22	6°27	10° 4	11°15	9°33	21° 7	26°44	S 26
S 27	2 21 57	3°41'02	9♈57	27°42	24°32	21°15	7°50	19° 3	8°25	6°29	10° 3	11°12	9°29	21°13	26°43	S 27
M28	2 25 53	4°40'48	23°18	28°42	25°47	21°47	8° 2	19° 6	8°29	6°31	10° 2	11° 6	9°26	21°20	26°41	M28
T 29	2 29 50	5°40'37	6♉27	29°39	27° 2	22°20	8°15	19°10	8°32	6°33	10° 1	10°58	9°23	21°27	26°39	T 29
W30	2 33 46	6°40'28	19°22	0♐33	28°17	22°52	8°27	19°13	8°36	6°35	10° 0	10°48	9°20	21°34	26°37	W30
T 31	2 37 43	7♏40'21	2♊ 2	1♐23	29♎32	23♌24	8♐39	19♑17	8♎39	6♐37	9♊59	10♓37	9♓17	21♋40	26♊35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 9	14n17	3n45	9s 4	0s16	4n26	1n25	19n42	1n 5	20s 9	0n36	22s 9	0n 3	2s 5	0n41	19s42	1n35	10n 8	11s58	7s 0	7s29	26n13	17n49	5s35
W 2	3 33	19 26	4 29	9 46	0 24	3 58	1 26	19 34	1 6	20 11	0 35	22 9	0 3	2 6	0 41	19 42	1 35	10 8	11 58	7 2	7 30	26 12	17 48	5 35
T 3	3 56	23 34	4 58	10 26	0 31	3 29	1 27	19 26	1 7	20 13	0 35	22 9	0 3	2 8	0 41	19 42	1 35	10 7	11 59	7 3	7 32	26 10	17 48	5 36
F 4	4 19	26 29	5 11	11 6	0 38	2 59	1 27	19 17	1 8	20 16	0 35	22 9	0 3	2 9	0 41	19 43	1 35	10 7	11 59	7 5	7 33	26 9	17 47	5 36
S 5	4 42	28 6	5 11	11 45	0 45	2 30	1 27	19 9	1 9	20 18	0 35	22 9	0 2	2 11	0 41	19 43	1 34	10 7	11 59	7 6	7 34	26 7	17 47	5 37
S 6	5 5	28 21	4 56	12 24	0 53	2 1	1 28	19 1	1 10	20 20	0 35	22 9	0 2	2 12	0 41	19 43	1 34	10 7	11 59	7 7	7 35	26 6	17 46	5 37
M 7	5 28	27 17	4 29	13 2	1 0	1 31	1 28	18 52	1 11	20 22	0 35	22 9	0 2	2 14	0 41	19 44	1 34	10 6	11 59	7 7	7 36	26 4	17 46	5 38
T 8	5 51	24 59	3 50	13 39	1 7	1 2	1 28	18 44	1 12	20 24	0 34	22 8	0 2	2 15	0 41	19 44	1 34	10 6	12 0	7 7	7 38	26 3	17 45	5 38
W 9	6 14	21 35	3 2	14 15	1 14	0 32	1 28	18 35	1 13	20 26	0 34	22 8	0 2	2 17	0 41	19 44	1 34	10 6	12 0	7 7	7 39	26 1	17 45	5 39
T 10	6 36	17 17	2 5	14 51	1 21	0 3	1 29	18 26	1 14	20 28	0 34	22 8	0 2	2 18	0 41	19 45	1 34	10 6	12 0	7 6	7 40	26 0	17 44	5 39
F 11	6 59	12 13	1 1	15 25	1 28	0s27	1 29	18 17	1 15	20 31	0 34	22 8	0 2	2 20	0 41	19 45	1 34	10 5	12 0	7 5	7 41	25 58	17 44	5 40
S 12	7 22	6 35	0s 6	15 59	1 35	0 57	1 28	18 9	1 16	20 33	0 34	22 8	0 2	2 21	0 41	19 45	1 34	10 5	12 0	7 5	7 42	25 57	17 43	5 40
S 13	7 44	0 33	1 15	16 32	1 41	1 26	1 28	18 0	1 17	20 35	0 34	22 8	0 2	2 23	0 41	19 46	1 34	10 5	12 0	7 5	7 44	25 55	17 43	5 41
M14	8 6	5s39	2 21	17 4	1 48	1 56	1 28	17 51	1 18	20 37	0 34	22 7	0 2	2 24	0 41	19 46	1 34	10 5	12 1	7 7	7 45	25 54	17 42	5 41
T 15	8 29	11 45	3 21	17 35	1 54	2 26	1 28	17 42	1 18	20 39	0 33	22 7	0 2	2 26	0 41	19 46	1 34	10 4	12 1	7 8	7 46	25 52	17 42	5 42
W16	8 51	17 25	4 11	18 6	2 0	2 55	1 28	17 33	1 19	20 41	0 33	22 7	0 2	2 27	0 41	19 47	1 34	10 4	12 1	7 11	7 47	25 51	17 41	5 42
T 17	9 13	22 17	4 47	18 35	2 7	3 25	1 27	17 24	1 20	20 43	0 33	22 7	0 1	2 28	0 41	19 47	1 34	10 4	12 1	7 13	7 48	25 49	17 41	5 43
F 18	9 35	25 56	5 6	19 3	2 12	3 54	1 27	17 14	1 21	20 46	0 33	22 7	0 1	2 30	0 41	19 47	1 34	10 4	12 1	7 16	7 50	25 47	17 40	5 43
S 19	9 56	27 59	5 6	19 30	2 18	4 24	1 26	17 5	1 22	20 48	0 33	22 6	0 1	2 31	0 41	19 48	1 34	10 3	12 1	7 18	7 51	25 46	17 39	5 44
S 20	10 18	28 12	4 48	19 56	2 23	4 53	1 26	16 56	1 23	20 50	0 33	22 6	0 1	2 33	0 41	19 48	1 34	10 3	12 2	7 20	7 52	25 44	17 39	5 44
M21	10 39	26 33	4 12	20 21	2 28	5 22	1 25	16 47	1 24	20 52	0 33	22 6	0 1	2 34	0 41	19 48	1 34	10 3	12 2	7 21	7 53	25 43	17 38	5 45
T 22	11 1	23 13	3 20	20 45	2 33	5 52	1 24	16 37	1 25	20 54	0 32	22 5	0 1	2 36	0 41	19 49	1 34	10 3	12 2	7 21	7 54	25 41	17 38	5 45
W23	11 22	18 32	2 17	21 8	2 38	6 21	1 23	16 28	1 27	20 56	0 32	22 5	0 1	2 37	0 41	19 49	1 34	10 2	12 2	7 21	7 56	25 39	17 37	5 46
T 24	11 43	12 54	1 6	21 29	2 42	6 50	1 23	16 19	1 28	20 58	0 32	22 5	0 1	2 38	0 41	19 49	1 34	10 2	12 2	7 20	7 57	25 38	17 37	5 46
F 25	12 3	6 40	0n 8	21 49	2 46	7 19	1 22	16 9	1 29	21 1	0 32	22 4	0 1	2 40	0 41	19 50	1 34	10 2	12 2	7 20	7 58	25 36	17 36	5 47
S 26	12 24	0 12	1 20	22 8	2 49	7 47	1 21	16 0	1 30	21 3	0 32	22 4	0 1	2 41	0 41	19 50	1 34	10 2	12 2	7 20	7 59	25 34	17 36	5 47
S 27	12 44	6n12	2 28	22 25	2 52	8 16	1 20	15 50	1 31	21 5	0 32	22 4	0 1	2 43	0 41	19 50	1 34	10 1	12 2	7 22	8 0	25 33	17 35	5 48
M28	13 4	12 14	3 26	22 41	2 54	8 44	1 19	15 41	1 32	21 7	0 32	22 3	0 1	2 44	0 41	19 51	1 34	10 1	12 3	7 24	8 2	25 31	17 35	5 48
T 29	13 24	17 37	4 12	22 56	2 56	9 12	1 17	15 31	1 33	21 9	0 32	22 3	0 1	2 45	0 41	19 51	1 34	10 1	12 3	7 27	8 3	25 30	17 34	5 49
W30	13 44	22 6	4 44	23 8	2 57	9 40	1 16	15 22	1 34	21 11	0 31	22 2	0 0	2 47	0 41	19 51	1 34	10 1	12 3	7 31	8 4	25 28	17 34	5 49
T 31	14s 4	25n28	5n 1	23s19	2s58	10s 8	1n15	15n12	1n35	21s13	0n31	22s 2	0n 0	2s48	0n41	19s52	1n33	10n 0	12s 3	7s35	8s 5	25n26	17n33	5s50

Julian Day Number = 2501856.5, Delta T = 113.64 sec
Ecliptic obliquity = 23°25'26, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°39'54, Lahiri = 25°46'55

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2137
geocentric

NOVEMBER 2137 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 41 39	8♏40'15	14♊27	2♐ 9	0♏47	23♌55	8♐52	19♑21	8♎43	6♐39	9°R58	10°R27	9♓13	21♋47	26°R33	F 1
S 2	2 45 36	9°40'12	26°39	2°50	2° 3	24°27	9° 4	19°24	8°46	6°41	9♊57	10♓18	9°10	21°54	26♊31	S 2
S 3	2 49 33	10°40'11	8♋40	3°27	3°18	24°58	9°17	19°28	8°49	6°43	9°56	10°10	9° 7	22° 0	26°29	S 3
M 4	2 53 29	11°40'12	20°32	3°57	4°33	25°30	9°30	19°32	8°53	6°45	9°55	10° 6	9° 4	22° 7	26°27	M 4
T 5	2 57 26	12°40'15	2♌22	4°22	5°48	26° 1	9°42	19°36	8°56	6°47	9°54	10° 3	9° 1	22°14	26°25	T 5
W 6	3 1 22	13°40'21	14°13	4°40	7° 4	26°32	9°55	19°40	8°59	6°49	9°53	10°D 2	8°58	22°20	26°22	W 6
T 7	3 5 19	14°40'28	26°11	4°50	8°19	27° 3	10° 8	19°44	9° 3	6°51	9°52	10° 3	8°54	22°27	26°20	T 7
F 8	3 9 15	15°40'37	8♍21	4°R52	9°34	27°33	10°21	19°49	9° 6	6°54	9°51	10°R 3	8°51	22°34	26°18	F 8
S 9	3 13 12	16°40'49	20°48	4°46	10°49	28° 4	10°33	19°53	9° 9	6°56	9°50	10° 3	8°48	22°40	26°15	S 9
S 10	3 17 8	17°41'02	3♎38	4°30	12° 5	28°34	10°46	19°57	9°12	6°58	9°49	10° 0	8°45	22°47	26°13	S 10
M11	3 21 5	18°41'17	16°51	4° 5	13°20	29° 4	10°59	20° 2	9°15	7° 0	9°48	9°55	8°42	22°54	26°10	M11
T 12	3 25 2	19°41'35	0♏31	3°29	14°35	29°34	11°12	20° 6	9°19	7° 2	9°47	9°48	8°39	23° 0	26° 7	T 12
W13	3 28 58	20°41'54	14°34	2°44	15°51	0♍ 4	11°25	20°11	9°22	7° 4	9°46	9°38	8°35	23° 7	26° 5	W13
T 14	3 32 55	21°42'15	28°56	1°49	17° 6	0°33	11°38	20°16	9°25	7° 7	9°45	9°26	8°32	23°14	26° 2	T 14
F 15	3 36 51	22°42'38	13♐32	0°45	18°21	1° 2	11°51	20°21	9°28	7° 9	9°44	9°15	8°29	23°21	25°59	F 15
S 16	3 40 48	23°43'02	28°13	29♏34	19°37	1°31	12° 5	20°25	9°31	7°11	9°43	9° 5	8°26	23°27	25°56	S 16
S 17	3 44 44	24°43'28	12♑53	28°18	20°52	2° 0	12°18	20°30	9°34	7°13	9°42	8°57	8°23	23°34	25°53	S 17
M18	3 48 41	25°43'55	27°24	26°58	22° 8	2°29	12°31	20°35	9°37	7°15	9°41	8°51	8°19	23°41	25°50	M18
T 19	3 52 38	26°44'23	11♒42	25°37	23°23	2°57	12°44	20°40	9°39	7°18	9°39	8°49	8°16	23°47	25°47	T 19
W20	3 56 34	27°44'53	25°46	24°18	24°38	3°26	12°57	20°46	9°42	7°20	9°38	8°D48	8°13	23°54	25°44	W20
T 21	4 0 31	28°45'23	9♓34	23° 3	25°54	3°54	13°11	20°51	9°45	7°22	9°37	8°R48	8°10	24° 1	25°41	T 21
F 22	4 4 27	29°45'55	23° 9	21°55	27° 9	4°21	13°24	20°56	9°48	7°24	9°36	8°48	8° 7	24° 7	25°38	F 22
S 23	4 8 24	0♐46'29	6♈30	20°56	28°25	4°49	13°37	21° 1	9°51	7°27	9°35	8°45	8° 4	24°14	25°35	S 23
S 24	4 12 20	1°47'03	19°40	20° 7	29°40	5°16	13°51	21° 7	9°53	7°29	9°34	8°40	8° 0	24°21	25°31	S 24
M25	4 16 17	2°47'39	2♉39	19°30	0♐55	5°43	14° 4	21°12	9°56	7°31	9°33	8°32	7°57	24°27	25°28	M25
T 26	4 20 13	3°48'16	15°27	19° 3	2°11	6°10	14°17	21°18	9°59	7°33	9°32	8°21	7°54	24°34	25°25	T 26
W27	4 24 10	4°48'54	28° 4	18°49	3°26	6°37	14°31	21°23	10° 1	7°36	9°30	8° 7	7°51	24°41	25°21	W27
T 28	4 28 7	5°49'34	10♊30	18°D46	4°42	7° 3	14°44	21°29	10° 4	7°38	9°29	7°53	7°48	24°47	25°18	T 28
F 29	4 32 3	6°50'15	22°46	18°53	5°57	7°29	14°58	21°35	10° 6	7°40	9°28	7°39	7°45	24°54	25°14	F 29
S 30	4 36 0	7♐50'57	4♋51	19♏11	7♐12	7♍55	15♐11	21♑40	10♎ 9	7♐42	9♊27	7♓26	7♓41	25♋ 1	25♊11	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s23	27n33	5n 4	23s29	2s57	10s35	1n14	15n 3	1n36	21s15	0n31	22s 1	0n 0	2s49	0n41	19s52	1n33	10n 0	12s 3	7s39	8s 6	25n24	17n33	5s50
S 2	14 42	28 15	4 52	23 36	2 56	11 3	1 12	14 53	1 37	21 17	0 31	22 1	0 0	2 51	0 41	19 53	1 33	10 0	12 3	7 42	8 8	25 23	17 32	5 50
S 3	15 1	27 36	4 28	23 41	2 55	11 30	1 11	14 44	1 38	21 19	0 31	22 1	0 0	2 52	0 41	19 53	1 33	10 0	12 3	7 45	8 9	25 21	17 32	5 51
M 4	15 19	25 41	3 52	23 44	2 52	11 56	1 9	14 34	1 39	21 21	0 31	22 0	0 0	2 53	0 41	19 53	1 33	9 59	12 3	7 47	8 10	25 19	17 31	5 51
T 5	15 38	22 39	3 7	23 45	2 48	12 23	1 8	14 25	1 40	21 23	0 31	22 0	0 0	2 55	0 41	19 54	1 33	9 59	12 3	7 48	8 11	25 18	17 31	5 52
W 6	15 56	18 41	2 13	23 43	2 43	12 49	1 6	14 15	1 42	21 25	0 31	21 59	0s 0	2 56	0 41	19 54	1 33	9 59	12 3	7 48	8 12	25 16	17 30	5 52
T 7	16 14	13 56	1 13	23 39	2 36	13 15	1 5	14 6	1 43	21 27	0 30	21 59	0 0	2 57	0 41	19 54	1 33	9 59	12 4	7 48	8 14	25 14	17 30	5 53
F 8	16 31	8 35	0 9	23 31	2 28	13 40	1 3	13 56	1 44	21 29	0 30	21 58	0 0	2 58	0 41	19 55	1 33	9 59	12 4	7 48	8 15	25 13	17 29	5 53
S 9	16 49	2 46	0s57	23 21	2 19	14 5	1 1	13 47	1 45	21 31	0 30	21 57	0 0	3 0	0 41	19 55	1 33	9 58	12 4	7 48	8 16	25 11	17 29	5 53
S 10	17 6	3s18	2 2	23 8	2 8	14 30	1 0	13 37	1 46	21 33	0 30	21 57	0 0	3 1	0 41	19 56	1 33	9 58	12 4	7 49	8 17	25 9	17 28	5 54
M11	17 22	9 25	3 2	22 51	1 56	14 55	0 58	13 28	1 47	21 35	0 30	21 56	0 0	3 2	0 41	19 56	1 33	9 58	12 4	7 51	8 18	25 7	17 28	5 54
T 12	17 39	15 18	3 54	22 30	1 42	15 19	0 56	13 18	1 48	21 37	0 30	21 56	0 1	3 3	0 41	19 56	1 33	9 58	12 4	7 54	8 19	25 6	17 28	5 55
W13	17 55	20 33	4 33	22 6	1 26	15 42	0 54	13 9	1 50	21 39	0 30	21 55	0 1	3 5	0 41	19 57	1 33	9 58	12 4	7 57	8 21	25 4	17 27	5 55
T 14	18 11	24 43	4 56	21 38	1 9	16 6	0 52	13 0	1 51	21 41	0 30	21 54	0 1	3 6	0 41	19 57	1 33	9 57	12 4	8 2	8 22	25 2	17 27	5 55
F 15	18 26	27 23	5 0	21 7	0 50	16 29	0 50	12 50	1 52	21 42	0 30	21 54	0 1	3 7	0 41	19 57	1 33	9 57	12 4	8 6	8 23	25 0	17 26	5 56
S 16	18 41	28 9	4 45	20 32	0 30	16 51	0 48	12 41	1 53	21 44	0 30	21 53	0 1	3 8	0 41	19 58	1 33	9 57	12 4	8 10	8 24	24 59	17 26	5 56
S 17	18 56	26 57	4 11	19 56	0 10	17 13	0 46	12 32	1 54	21 46	0 29	21 52	0 1	3 9	0 41	19 58	1 33	9 57	12 4	8 13	8 25	24 57	17 25	5 56
M18	19 11	23 56	3 20	19 18	0n11	17 35	0 44	12 23	1 56	21 48	0 29	21 52	0 1	3 10	0 41	19 59	1 33	9 57	12 4	8 15	8 27	24 55	17 25	5 57
T 19	19 25	19 29	2 18	18 39	0 31	17 56	0 42	12 14	1 57	21 50	0 29	21 51	0 1	3 11	0 41	19 59	1 33	9 57	12 4	8 16	8 28	24 53	17 24	5 57
W20	19 39	14 0	1 8	18 1	0 51	18 16	0 40	12 5	1 58	21 51	0 29	21 50	0 1	3 12	0 41	19 59	1 33	9 56	12 4	8 16	8 29	24 51	17 24	5 57
T 21	19 52	7 55	0n 4	17 24	1 9	18 36	0 38	11 56	1 59	21 53	0 29	21 50	0 1	3 14	0 41	20 0	1 33	9 56	12 4	8 16	8 30	24 50	17 24	5 58
F 22	20 5	1 34	1 15	16 50	1 27	18 56	0 36	11 47	2 0	21 55	0 29	21 49	0 1	3 15	0 41	20 0	1 33	9 56	12 4	8 16	8 31	24 48	17 23	5 58
S 23	20 18	4n44	2 21	16 20	1 42	19 15	0 33	11 38	2 2	21 57	0 29	21 48	0 1	3 16	0 41	20 0	1 33	9 56	12 4	8 17	8 33	24 46	17 23	5 58
S 24	20 30	10 44	3 18	15 55	1 55	19 34	0 31	11 29	2 3	21 58	0 29	21 47	0 1	3 17	0 41	20 1	1 33	9 56	12 4	8 19	8 34	24 44	17 22	5 59
M25	20 42	16 12	4 4	15 34	2 7	19 51	0 29	11 20	2 4	22 0	0 29	21 47	0 1	3 18	0 42	20 1	1 33	9 56	12 4	8 22	8 35	24 42	17 22	5 59
T 26	20 54	20 51	4 36	15 18	2 16	20 9	0 27	11 11	2 6	22 2	0 29	21 46	0 2	3 19	0 42	20 2	1 33	9 55	12 4	8 26	8 36	24 40	17 22	5 59
W27	21 5	24 30	4 55	15 7	2 23	20 26	0 24	11 3	2 7	22 3	0 28	21 45	0 2	3 20	0 42	20 2	1 33	9 55	12 4	8 31	8 37	24 39	17 21	6 0
T 28	21 16	26 56	4 59	15 1	2 28	20 42	0 22	10 54	2 8	22 5	0 28	21 44	0 2	3 21	0 42	20 2	1 33	9 55	12 4	8 36	8 38	24 37	17 21	6 0
F 29	21 26	28 2	4 49	15 0	2 32	20 58	0 20	10 46	2 10	22 7	0 28	21 43	0 2	3 22	0 42	20 3	1 33	9 55	12 4	8 42	8 40	24 35	17 20	6 0
S 30	21s36	27n46	4n26	15s 3	2n33	21s13	0n17	10n37	2n11	22s 8	0n28	21s43	0s 2	3s23	0n42	20s 3	1n33	9n55	12s 4	8s47	8s41	24n33	17n20	6s 0

Julian Day Number = 2501887.5, Delta T = 113.70 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°39'58, Lahiri = 25°46'59

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ASTRODIENST EPHEMERIS for the year 2137
geocentric

DECEMBER 2137 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 56	8♐51'41	16♋48	19♏37	8♐28	8♍20	15♐25	21♑46	10♎11	7♐45	9°R26	7°R15	7♓38	25♋ 7	25°R 7	S 1
M 2	4 43 53	9°52'27	28°38	20°12	9°43	8°45	15°38	21°52	10°13	7°47	9♊25	7♓ 7	7°35	25°14	25♊ 4	M 2
T 3	4 47 49	10°53'14	10♌26	20°54	10°59	9°10	15°52	21°58	10°16	7°49	9°24	7° 2	7°32	25°21	25° 0	T 3
W 4	4 51 46	11°54'02	22°15	21°43	12°14	9°35	16° 5	22° 4	10°18	7°51	9°22	7° 0	7°29	25°28	24°57	W 4
T 5	4 55 42	12°54'51	4♍10	22°37	13°30	9°59	16°19	22°10	10°20	7°54	9°21	6°59	7°25	25°34	24°53	T 5
F 6	4 59 39	13°55'42	16°17	23°37	14°45	10°23	16°32	22°16	10°23	7°56	9°20	6°59	7°22	25°41	24°50	F 6
S 7	5 3 36	14°56'34	28°41	24°41	16° 1	10°47	16°46	22°22	10°25	7°58	9°19	6°59	7°19	25°48	24°46	S 7
S 8	5 7 32	15°57'28	11♎27	25°48	17°16	11°11	16°59	22°28	10°27	8° 0	9°18	6°57	7°16	25°54	24°42	S 8
M 9	5 11 29	16°58'23	24°40	26°59	18°32	11°34	17°13	22°34	10°29	8° 3	9°17	6°52	7°13	26° 1	24°39	M 9
T 10	5 15 25	17°59'19	8♏22	28°12	19°47	11°57	17°26	22°40	10°31	8° 5	9°16	6°44	7°10	26° 8	24°35	T 10
W11	5 19 22	19° 0'16	22°33	29°29	21° 3	12°19	17°40	22°47	10°33	8° 7	9°15	6°35	7° 6	26°14	24°31	W11
T 12	5 23 18	20° 1'15	7♐10	0♐47	22°18	12°41	17°54	22°53	10°35	8° 9	9°13	6°23	7° 3	26°21	24°27	T 12
F 13	5 27 15	21° 2'15	22° 5	2° 7	23°33	13° 3	18° 7	22°59	10°37	8°12	9°12	6°11	7° 0	26°28	24°24	F 13
S 14	5 31 11	22° 3'15	7♑10	3°28	24°49	13°24	18°21	23° 6	10°38	8°14	9°11	6° 1	6°57	26°34	24°20	S 14
S 15	5 35 8	23° 4'17	22°14	4°51	26° 4	13°45	18°34	23°12	10°40	8°16	9°10	5°52	6°54	26°41	24°16	S 15
M16	5 39 5	24° 5'19	7♒ 9	6°15	27°20	14° 6	18°48	23°19	10°42	8°18	9° 9	5°47	6°51	26°48	24°12	M16
T 17	5 43 1	25° 6'21	21°46	7°41	28°35	14°26	19° 1	23°25	10°43	8°20	9° 8	5°44	6°47	26°54	24° 9	T 17
W18	5 46 58	26° 7'24	6♓ 2	9° 7	29°51	14°46	19°15	23°32	10°45	8°23	9° 7	5°D43	6°44	27° 1	24° 5	W18
T 19	5 50 54	27° 8'27	19°56	10°33	1♑ 6	15° 5	19°28	23°38	10°47	8°25	9° 6	5°44	6°41	27° 8	24° 1	T 19
F 20	5 54 51	28° 9'30	3♈29	12° 1	2°22	15°24	19°42	23°45	10°48	8°27	9° 5	5°R44	6°38	27°14	23°58	F 20
S 21	5 58 47	29°10'34	16°42	13°29	3°37	15°43	19°55	23°52	10°49	8°29	9° 4	5°42	6°35	27°21	23°54	S 21
S 22	6 2 44	0♑11'38	29°39	14°57	4°53	16° 1	20° 9	23°58	10°51	8°31	9° 3	5°38	6°31	27°28	23°50	S 22
M23	6 6 40	1°12'42	12♉21	16°27	6° 8	16°19	20°22	24° 5	10°52	8°33	9° 2	5°32	6°28	27°34	23°46	M23
T 24	6 10 37	2°13'47	24°52	17°56	7°24	16°36	20°36	24°12	10°53	8°35	9° 0	5°23	6°25	27°41	23°43	T 24
W25	6 14 34	3°14'52	7♊13	19°26	8°39	16°53	20°49	24°19	10°55	8°38	8°59	5°12	6°22	27°48	23°39	W25
T 26	6 18 30	4°15'58	19°25	20°56	9°55	17° 9	21° 2	24°25	10°56	8°40	8°58	4°59	6°19	27°54	23°35	T 26
F 27	6 22 27	5°17'04	1♋29	22°27	11°10	17°25	21°16	24°32	10°57	8°42	8°57	4°47	6°16	28° 1	23°32	F 27
S 28	6 26 23	6°18'10	13°26	23°58	12°26	17°41	21°29	24°39	10°58	8°44	8°56	4°36	6°12	28° 8	23°28	S 28
S 29	6 30 20	7°19'16	25°19	25°29	13°41	17°56	21°43	24°46	10°59	8°46	8°55	4°27	6° 9	28°14	23°24	S 29
M30	6 34 16	8°20'23	7♌ 8	27° 1	14°56	18°10	21°56	24°53	11° 0	8°48	8°54	4°21	6° 6	28°21	23°21	M30
T 31	6 38 13	9♑21'31	18♌55	28♐33	16♑12	18♍24	22♐ 9	25♑ 0	11♎ 1	8♐50	8♊53	4♓17	6♓ 3	28♋28	23♊17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s46	26n12	3n52	15s 9	2n34	21s27	0n15	10n29	2n12	22s10	0n28	21s42	0s 2	3s24	0n42	20s 3	1n33	9n55	12s 4	8s51	8s42	24n31	17n20	6s 1
M 2	21 55	23 29	3 8	15 20	2 33	21 41	0 13	10 21	2 14	22 11	0 28	21 41	0 2	3 24	0 42	20 4	1 33	9 55	12 4	8 53	8 43	24 29	17 19	6 1
T 3	22 4	19 47	2 16	15 32	2 31	21 54	0 10	10 13	2 15	22 13	0 28	21 40	0 2	3 25	0 42	20 4	1 33	9 54	12 4	8 55	8 44	24 27	17 19	6 1
W 4	22 12	15 18	1 17	15 48	2 28	22 7	0 8	10 5	2 16	22 14	0 28	21 39	0 2	3 26	0 42	20 5	1 33	9 54	12 4	8 56	8 46	24 25	17 19	6 1
T 5	22 20	10 13	0 15	16 5	2 24	22 19	0 5	9 57	2 18	22 16	0 28	21 38	0 2	3 27	0 42	20 5	1 33	9 54	12 4	8 56	8 47	24 24	17 18	6 1
F 6	22 27	4 39	0s49	16 24	2 20	22 30	0 3	9 49	2 19	22 17	0 28	21 37	0 2	3 28	0 42	20 5	1 33	9 54	12 4	8 56	8 48	24 22	17 18	6 2
S 7	22 34	1s11	1 52	16 45	2 15	22 41	0 1	9 41	2 21	22 19	0 28	21 36	0 2	3 29	0 42	20 6	1 33	9 54	12 4	8 57	8 49	24 20	17 18	6 2
S 8	22 41	7 9	2 52	17 6	2 9	22 51	0s 2	9 33	2 22	22 20	0 27	21 36	0 2	3 29	0 42	20 6	1 33	9 54	12 4	8 57	8 50	24 18	17 17	6 2
M 9	22 47	13 1	3 44	17 29	2 3	23 0	0 4	9 26	2 23	22 21	0 27	21 35	0 2	3 30	0 42	20 6	1 33	9 54	12 4	8 59	8 51	24 16	17 17	6 2
T 10	22 53	18 28	4 25	17 51	1 57	23 8	0 6	9 19	2 25	22 23	0 27	21 34	0 3	3 31	0 42	20 7	1 33	9 54	12 4	9 2	8 53	24 14	17 17	6 2
W11	22 58	23 6	4 52	18 14	1 50	23 16	0 9	9 11	2 26	22 24	0 27	21 33	0 3	3 32	0 42	20 7	1 33	9 54	12 3	9 6	8 54	24 12	17 16	6 2
T 12	23 3	26 26	5 1	18 37	1 43	23 23	0 11	9 4	2 28	22 25	0 27	21 32	0 3	3 32	0 42	20 7	1 33	9 54	12 3	9 10	8 55	24 10	17 16	6 3
F 13	23 7	28 0	4 50	19 1	1 36	23 30	0 14	8 57	2 29	22 27	0 27	21 31	0 3	3 33	0 42	20 8	1 33	9 54	12 3	9 14	8 56	24 8	17 16	6 3
S 14	23 11	27 32	4 18	19 23	1 28	23 35	0 16	8 50	2 31	22 28	0 27	21 30	0 3	3 34	0 42	20 8	1 33	9 53	12 3	9 18	8 57	24 6	17 16	6 3
S 15	23 15	25 1	3 29	19 46	1 21	23 40	0 18	8 44	2 32	22 29	0 27	21 29	0 3	3 34	0 42	20 8	1 33	9 53	12 3	9 21	8 58	24 4	17 15	6 3
M16	23 17	20 49	2 25	20 8	1 13	23 45	0 21	8 37	2 34	22 30	0 27	21 28	0 3	3 35	0 42	20 9	1 33	9 53	12 3	9 23	9 0	24 2	17 15	6 3
T 17	23 20	15 24	1 13	20 30	1 6	23 48	0 23	8 31	2 35	22 32	0 27	21 27	0 3	3 36	0 42	20 9	1 33	9 53	12 3	9 24	9 1	24 0	17 15	6 3
W18	23 22	9 16	0n 2	20 51	0 58	23 51	0 25	8 25	2 37	22 33	0 27	21 26	0 3	3 36	0 42	20 9	1 33	9 53	12 3	9 24	9 2	23 58	17 15	6 3
T 19	23 24	2 50	1 15	21 11	0 50	23 53	0 28	8 18	2 39	22 34	0 27	21 25	0 3	3 37	0 42	20 10	1 33	9 53	12 3	9 24	9 3	23 56	17 14	6 3
F 20	23 25	3n33	2 22	21 31	0 43	23 54	0 30	8 13	2 40	22 35	0 26	21 23	0 3	3 37	0 42	20 10	1 33	9 53	12 3	9 24	9 4	23 54	17 14	6 3
S 21	23 25	9 38	3 20	21 49	0 35	23 55	0 32	8 7	2 42	22 36	0 26	21 22	0 3	3 38	0 42	20 10	1 33	9 53	12 2	9 25	9 6	23 52	17 14	6 3
S 22	23 25	15 10	4 6	22 7	0 27	23 54	0 34	8 1	2 43	22 37	0 26	21 21	0 3	3 38	0 42	20 11	1 33	9 53	12 2	9 26	9 7	23 50	17 14	6 3
M23	23 25	19 57	4 39	22 24	0 20	23 54	0 37	7 56	2 45	22 38	0 26	21 20	0 3	3 39	0 42	20 11	1 33	9 53	12 2	9 29	9 8	23 48	17 13	6 4
T 24	23 24	23 47	4 58	22 40	0 12	23 52	0 39	7 51	2 47	22 39	0 26	21 19	0 4	3 39	0 42	20 11	1 33	9 53	12 2	9 32	9 9	23 46	17 13	6 4
W25	23 23	26 28	5 3	22 55	0 5	23 49	0 41	7 46	2 48	22 40	0 26	21 18	0 4	3 40	0 42	20 12	1 33	9 53	12 2	9 36	9 10	23 44	17 13	6 4
T 26	23 21	27 53	4 54	23 9	0s 2	23 46	0 43	7 41	2 50	22 41	0 26	21 17	0 4	3 40	0 42	20 12	1 33	9 53	12 2	9 41	9 11	23 42	17 13	6 4
F 27	23 19	27 56	4 31	23 22	0 9	23 42	0 45	7 36	2 52	22 42	0 26	21 16	0 4	3 41	0 43	20 12	1 33	9 53	12 2	9 45	9 13	23 40	17 13	6 4
S 28	23 16	26 41	3 57	23 33	0 16	23 38	0 47	7 31	2 53	22 43	0 26	21 15	0 4	3 41	0 43	20 12	1 33	9 53	12 1	9 49	9 14	23 38	17 13	6 4
S 29	23 13	24 13	3 13	23 44	0 23	23 32	0 49	7 27	2 55	22 44	0 26	21 13	0 4	3 41	0 43	20 13	1 33	9 53	12 1	9 52	9 15	23 36	17 12	6 4
M30	23 10	20 44	2 20	23 53	0 30	23 26	0 51	7 23	2 57	22 45	0 26	21 12	0 4	3 42	0 43	20 13	1 33	9 53	12 1	9 55	9 16	23 34	17 12	6 3
T 31	23s 6	16n26	1n21	24s 2	0s37	23s19	0s53	7n19	2n58	22s46	0n26	21s11	0s 4	3s42	0n43	20s13	1n33	9n53	12s 1	9s56	9s17	23n32	17n12	6s 3

Julian Day Number = 2501917.5, Delta T = 113.75 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°40'03, Lahiri = 25°47'03

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ASTRODIENST EPHEMERIS for the year 2138
geocentric

JANUARY 2138 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 42 10	10♑22'38	0♍45	0♑ 5	17♑27	18♍38	22♐22	25♑ 7	11♎ 2	8♐52	8°R53	4°D16	6♓ 0	28♋34	23°R14	W 1
T 2	6 46 6	11°23'46	12°40	1°37	18°43	18°51	22°36	25°14	11° 3	8°54	8♊52	4♓16	5°57	28°41	23♊10	T 2
F 3	6 50 3	12°24'54	24°46	3°10	19°58	19° 3	22°49	25°21	11° 3	8°56	8°51	4°17	5°53	28°48	23° 7	F 3
S 4	6 53 59	13°26'03	7♎ 7	4°43	21°14	19°15	23° 2	25°28	11° 4	8°58	8°50	4°18	5°50	28°55	23° 3	S 4
S 5	6 57 56	14°27'12	19°48	6°17	22°29	19°26	23°15	25°35	11° 5	9° 0	8°49	4°R18	5°47	29° 1	23° 0	S 5
M 6	7 1 52	15°28'22	2♏54	7°51	23°44	19°37	23°28	25°42	11° 5	9° 2	8°48	4°16	5°44	29° 8	22°56	M 6
T 7	7 5 49	16°29'31	16°28	9°25	25° 0	19°47	23°41	25°49	11° 6	9° 4	8°47	4°13	5°41	29°15	22°53	T 7
W 8	7 9 45	17°30'41	0♐33	10°59	26°15	19°56	23°54	25°56	11° 6	9° 5	8°46	4° 7	5°37	29°21	22°50	W 8
T 9	7 13 42	18°31'51	15° 5	12°34	27°31	20° 5	24° 7	26° 3	11° 6	9° 7	8°45	4° 0	5°34	29°28	22°47	T 9
F 10	7 17 39	19°33'02	0♑ 2	14°10	28°46	20°13	24°20	26°10	11° 7	9° 9	8°45	3°53	5°31	29°35	22°43	F 10
S 11	7 21 35	20°34'12	15°14	15°45	0♒ 1	20°21	24°33	26°17	11° 7	9°11	8°44	3°46	5°28	29°41	22°40	S 11
S 12	7 25 32	21°35'22	0♒31	17°22	1°17	20°28	24°46	26°24	11° 7	9°13	8°43	3°41	5°25	29°48	22°37	S 12
M13	7 29 28	22°36'32	15°42	18°58	2°32	20°34	24°59	26°31	11° 7	9°15	8°42	3°38	5°22	29°55	22°34	M13
T 14	7 33 25	23°37'41	0♓39	20°35	3°48	20°40	25°12	26°38	11° 8	9°16	8°41	3°D36	5°18	0♌ 1	22°31	T 14
W15	7 37 21	24°38'50	15°13	22°13	5° 3	20°44	25°24	26°46	11°R 8	9°18	8°41	3°37	5°15	0° 8	22°28	W15
T 16	7 41 18	25°39'58	29°22	23°50	6°18	20°49	25°37	26°53	11° 8	9°20	8°40	3°38	5°12	0°15	22°25	T 16
F 17	7 45 14	26°41'05	13♈ 5	25°29	7°34	20°52	25°50	27° 0	11° 8	9°21	8°39	3°39	5° 9	0°21	22°22	F 17
S 18	7 49 11	27°42'12	26°22	27° 8	8°49	20°55	26° 2	27° 7	11° 7	9°23	8°38	3°R40	5° 6	0°28	22°19	S 18
S 19	7 53 8	28°43'18	9♉18	28°47	10° 4	20°57	26°15	27°14	11° 7	9°25	8°38	3°40	5° 3	0°35	22°16	S 19
M20	7 57 4	29°44'23	21°55	0♒27	11°19	20°58	26°27	27°21	11° 7	9°26	8°37	3°37	4°59	0°41	22°14	M20
T 21	8 1 1	0♒45'27	4♊16	2° 8	12°35	20°R59	26°40	27°28	11° 7	9°28	8°36	3°34	4°56	0°48	22°11	T 21
W22	8 4 57	1°46'31	16°27	3°49	13°50	20°59	26°52	27°35	11° 6	9°29	8°36	3°29	4°53	0°55	22° 8	W22
T 23	8 8 54	2°47'34	28°28	5°30	15° 5	20°58	27° 4	27°42	11° 6	9°31	8°35	3°23	4°50	1° 1	22° 6	T 23
F 24	8 12 50	3°48'36	10♋23	7°12	16°21	20°56	27°16	27°50	11° 6	9°33	8°35	3°17	4°47	1° 8	22° 3	F 24
S 25	8 16 47	4°49'37	22°15	8°55	17°36	20°54	27°29	27°57	11° 5	9°34	8°34	3°12	4°43	1°15	22° 1	S 25
S 26	8 20 44	5°50'38	4♌ 4	10°38	18°51	20°50	27°41	28° 4	11° 4	9°35	8°33	3° 8	4°40	1°21	21°58	S 26
M27	8 24 40	6°51'38	15°53	12°21	20° 6	20°47	27°53	28°11	11° 4	9°37	8°33	3° 5	4°37	1°28	21°56	M27
T 28	8 28 37	7°52'37	27°44	14° 5	21°21	20°42	28° 5	28°18	11° 3	9°38	8°32	3°D 4	4°34	1°35	21°54	T 28
W29	8 32 33	8°53'35	9♍40	15°49	22°37	20°36	28°17	28°25	11° 2	9°40	8°32	3° 4	4°31	1°41	21°52	W29
T 30	8 36 30	9°54'32	21°41	17°34	23°52	20°30	28°28	28°32	11° 2	9°41	8°31	3° 5	4°28	1°48	21°50	T 30
F 31	8 40 26	10♒55'29	3♎53	19♒19	25♒ 7	20♍23	28♐40	28♑39	11♎ 1	9♐42	8♊31	3♓ 7	4♓24	1♌55	21♊47	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 1	11n30	0n19	24s 8	0s43	23s12	0s55	7n15	3n 0	22s47	0n26	21s10	0s 4	3s42	0n43	20s14	1n33	9n53	12s 1	9s56	9s18	23n30	17n12	6s 3
T 2	22 56	6 6	0s45	24 14	0 49	23 4	0 57	7 12	3 2	22 47	0 26	21 9	0 4	3 43	0 43	20 14	1 33	9 53	12 1	9 56	9 20	23 28	17 12	6 3
F 3	22 51	0 25	1 48	24 19	0 55	22 55	0 59	7 9	3 4	22 48	0 26	21 7	0 4	3 43	0 43	20 14	1 33	9 53	12 0	9 56	9 21	23 26	17 12	6 3
S 4	22 45	5s23	2 48	24 22	1 1	22 45	1 1	7 6	3 5	22 49	0 25	21 6	0 4	3 43	0 43	20 14	1 33	9 53	12 0	9 56	9 22	23 24	17 12	6 3
S 5	22 38	11 8	3 41	24 23	1 7	22 35	1 3	7 3	3 7	22 50	0 25	21 5	0 4	3 43	0 43	20 15	1 33	9 53	12 0	9 56	9 23	23 22	17 12	6 3
M 6	22 32	16 36	4 24	24 24	1 13	22 24	1 4	7 0	3 9	22 50	0 25	21 4	0 4	3 44	0 43	20 15	1 33	9 53	12 0	9 56	9 24	23 19	17 12	6 3
T 7	22 24	21 26	4 54	24 23	1 18	22 12	1 6	6 58	3 11	22 51	0 25	21 3	0 5	3 44	0 43	20 15	1 33	9 54	12 0	9 58	9 25	23 17	17 12	6 3
W 8	22 17	25 16	5 8	24 21	1 23	22 0	1 8	6 56	3 13	22 52	0 25	21 1	0 5	3 44	0 43	20 16	1 33	9 54	12 0	10 0	9 27	23 15	17 12	6 3
T 9	22 9	27 36	5 3	24 17	1 28	21 47	1 9	6 54	3 14	22 52	0 25	21 0	0 5	3 44	0 43	20 16	1 34	9 54	11 59	10 2	9 28	23 13	17 11	6 3
F 10	22 0	28 3	4 37	24 12	1 32	21 33	1 11	6 53	3 16	22 53	0 25	20 59	0 5	3 44	0 43	20 16	1 34	9 54	11 59	10 5	9 29	23 11	17 11	6 3
S 11	21 51	26 24	3 52	24 6	1 37	21 19	1 12	6 51	3 18	22 54	0 25	20 58	0 5	3 44	0 43	20 16	1 34	9 54	11 59	10 7	9 30	23 9	17 11	6 2
S 12	21 42	22 47	2 50	23 58	1 41	21 4	1 14	6 50	3 20	22 54	0 25	20 56	0 5	3 44	0 43	20 17	1 34	9 54	11 59	10 9	9 31	23 7	17 11	6 2
M13	21 32	17 38	1 36	23 49	1 45	20 48	1 15	6 50	3 22	22 55	0 25	20 55	0 5	3 44	0 43	20 17	1 34	9 54	11 58	10 10	9 32	23 5	17 11	6 2
T 14	21 21	11 29	0 16	23 38	1 48	20 32	1 16	6 49	3 24	22 55	0 25	20 54	0 5	3 44	0 43	20 17	1 34	9 54	11 58	10 11	9 34	23 2	17 11	6 2
W15	21 11	4 51	1n 3	23 26	1 52	20 15	1 18	6 49	3 26	22 56	0 25	20 52	0 5	3 44	0 43	20 17	1 34	9 54	11 58	10 11	9 35	23 0	17 11	6 2
T 16	21 0	1n49	2 16	23 12	1 54	19 58	1 19	6 49	3 27	22 56	0 25	20 51	0 5	3 44	0 43	20 17	1 34	9 54	11 58	10 10	9 36	22 58	17 11	6 2
F 17	20 48	8 12	3 18	22 57	1 57	19 40	1 20	6 49	3 29	22 57	0 25	20 50	0 5	3 44	0 43	20 18	1 34	9 54	11 58	10 10	9 37	22 56	17 11	6 1
S 18	20 36	14 2	4 8	22 40	1 59	19 21	1 21	6 50	3 31	22 57	0 25	20 49	0 5	3 44	0 43	20 18	1 34	9 55	11 57	10 9	9 38	22 54	17 11	6 1
S 19	20 24	19 4	4 44	22 22	2 1	19 2	1 22	6 51	3 33	22 58	0 25	20 47	0 5	3 44	0 43	20 18	1 34	9 55	11 57	10 10	9 39	22 52	17 12	6 1
M20	20 12	23 9	5 5	22 3	2 3	18 42	1 23	6 52	3 35	22 58	0 25	20 46	0 5	3 44	0 43	20 18	1 34	9 55	11 57	10 10	9 41	22 50	17 12	6 1
T 21	19 58	26 5	5 12	21 41	2 4	18 22	1 24	6 53	3 37	22 58	0 25	20 45	0 6	3 44	0 43	20 18	1 34	9 55	11 57	10 12	9 42	22 47	17 12	6 1
W22	19 45	27 46	5 4	21 19	2 5	18 1	1 25	6 55	3 38	22 59	0 24	20 43	0 6	3 44	0 43	20 19	1 34	9 55	11 56	10 14	9 43	22 45	17 12	6 0
T 23	19 31	28 8	4 43	20 55	2 6	17 40	1 26	6 57	3 40	22 59	0 24	20 42	0 6	3 43	0 43	20 19	1 34	9 55	11 56	10 16	9 44	22 43	17 12	6 0
F 24	19 17	27 10	4 9	20 29	2 6	17 18	1 27	6 59	3 42	22 59	0 24	20 41	0 6	3 43	0 44	20 19	1 34	9 55	11 56	10 18	9 45	22 41	17 12	6 0
S 25	19 3	24 58	3 25	20 2	2 5	16 56	1 27	7 2	3 44	23 0	0 24	20 39	0 6	3 43	0 44	20 19	1 34	9 56	11 56	10 19	9 46	22 39	17 12	6 0
S 26	18 48	21 42	2 33	19 33	2 4	16 33	1 28	7 5	3 46	23 0	0 24	20 38	0 6	3 43	0 44	20 19	1 34	9 56	11 55	10 21	9 47	22 36	17 12	5 59
M27	18 33	17 33	1 33	19 3	2 3	16 10	1 29	7 8	3 47	23 0	0 24	20 37	0 6	3 42	0 44	20 20	1 34	9 56	11 55	10 22	9 49	22 34	17 12	5 59
T 28	18 17	12 43	0 29	18 31	2 1	15 47	1 29	7 12	3 49	23 0	0 24	20 35	0 6	3 42	0 44	20 20	1 34	9 56	11 55	10 22	9 50	22 32	17 12	5 59
W29	18 1	7 23	0s36	17 58	1 59	15 23	1 30	7 15	3 51	23 1	0 24	20 34	0 6	3 42	0 44	20 20	1 34	9 56	11 55	10 22	9 51	22 30	17 13	5 59
T 30	17 45	1 45	1 41	17 24	1 56	14 58	1 30	7 19	3 52	23 1	0 24	20 33	0 6	3 41	0 44	20 20	1 34	9 56	11 54	10 22	9 52	22 27	17 13	5 58
F 31	17s29	4s 1	2s42	16s48	1s52	14s33	1s30	7n24	3n54	23s 1	0n24	20s31	0s 6	3s41	0n44	20s20	1n34	9n57	11s54	10s21	9s53	22n25	17n13	5s58

Julian Day Number = 2501948.5, Delta T = 113.80 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°40'07, Lahiri = 25°47'07

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ASTRODIENST EPHEMERIS for the year 2138
geocentric

FEBRUARY 2138 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 23	11♒56'25	16♎17	21♒ 4	26♒22	20°R15	28♐52	28♑46	11°R 0	9♐44	8°R30	3♓ 8	4♓21	2♌ 1	21°R46	S 1
S 2	8 48 19	12°57'20	28°59	22°49	27°37	20♍ 6	29° 3	28°53	10♎59	9°45	8♊30	3°10	4°18	2° 8	21♊44	S 2
M 3	8 52 16	13°58'15	12♏ 1	24°34	28°52	19°56	29°15	29° 0	10°58	9°46	8°30	3°R10	4°15	2°15	21°42	M 3
T 4	8 56 12	14°59'09	25°27	26°19	0♓ 7	19°46	29°26	29° 7	10°57	9°47	8°29	3°10	4°12	2°21	21°40	T 4
W 5	9 0 9	16° 0'02	9♐18	28° 4	1°22	19°35	29°38	29°14	10°56	9°49	8°29	3° 9	4° 9	2°28	21°38	W 5
T 6	9 4 6	17° 0'55	23°35	29°48	2°37	19°23	29°49	29°21	10°55	9°50	8°29	3° 7	4° 5	2°35	21°37	T 6
F 7	9 8 2	18° 1'46	8♑16	1♓30	3°52	19°10	0♑ 0	29°28	10°54	9°51	8°28	3° 5	4° 2	2°41	21°35	F 7
S 8	9 11 59	19° 2'37	23°15	3°12	5° 7	18°57	0°11	29°34	10°52	9°52	8°28	3° 3	3°59	2°48	21°34	S 8
S 9	9 15 55	20° 3'27	8♒25	4°52	6°22	18°43	0°22	29°41	10°51	9°53	8°28	3° 2	3°56	2°55	21°32	S 9
M10	9 19 52	21° 4'15	23°36	6°30	7°37	18°28	0°33	29°48	10°50	9°54	8°27	3° 1	3°53	3° 1	21°31	M10
T 11	9 23 48	22° 5'02	8♓38	8° 6	8°52	18°12	0°44	29°55	10°48	9°55	8°27	3°D 1	3°49	3° 8	21°30	T 11
W12	9 27 45	23° 5'48	23°23	9°38	10° 7	17°56	0°55	0♒ 2	10°47	9°56	8°27	3° 1	3°46	3°15	21°29	W12
T 13	9 31 42	24° 6'32	7♈46	11° 7	11°22	17°38	1° 6	0° 8	10°45	9°57	8°27	3° 2	3°43	3°21	21°27	T 13
F 14	9 35 38	25° 7'15	21°41	12°32	12°37	17°21	1°16	0°15	10°44	9°58	8°27	3° 3	3°40	3°28	21°26	F 14
S 15	9 39 35	26° 7'56	5♉10	13°52	13°52	17° 2	1°27	0°22	10°42	9°59	8°26	3° 4	3°37	3°35	21°25	S 15
S 16	9 43 31	27° 8'36	18°12	15° 7	15° 7	16°43	1°37	0°28	10°41	9°59	8°26	3° 4	3°34	3°41	21°25	S 16
M17	9 47 28	28° 9'14	0♊52	16°15	16°22	16°24	1°47	0°35	10°39	10° 0	8°26	3°R 4	3°30	3°48	21°24	M17
T 18	9 51 24	29° 9'50	13°14	17°16	17°36	16° 4	1°58	0°41	10°37	10° 1	8°26	3° 4	3°27	3°55	21°23	T 18
W19	9 55 21	0♓10'24	25°21	18°10	18°51	15°43	2° 8	0°48	10°36	10° 2	8°26	3° 4	3°24	4° 1	21°23	W19
T 20	9 59 17	1°10'57	7♋17	18°55	20° 6	15°22	2°18	0°54	10°34	10° 2	8°26	3° 3	3°21	4° 8	21°22	T 20
F 21	10 3 14	2°11'28	19° 8	19°31	21°20	15° 1	2°27	1° 1	10°32	10° 3	8°D26	3° 3	3°18	4°15	21°22	F 21
S 22	10 7 11	3°11'57	0♌56	19°58	22°35	14°39	2°37	1° 7	10°30	10° 4	8°26	3°D 3	3°15	4°21	21°21	S 22
S 23	10 11 7	4°12'25	12°45	20°15	23°50	14°16	2°47	1°14	10°28	10° 4	8°26	3° 3	3°11	4°28	21°21	S 23
M24	10 15 4	5°12'51	24°37	20°R22	25° 4	13°54	2°56	1°20	10°26	10° 5	8°26	3° 3	3° 8	4°35	21°21	M24
T 25	10 19 0	6°13'15	6♍35	20°19	26°19	13°31	3° 6	1°26	10°24	10° 5	8°26	3°R 3	3° 5	4°41	21°20	T 25
W26	10 22 57	7°13'37	18°41	20° 5	27°33	13° 8	3°15	1°33	10°22	10° 6	8°26	3° 3	3° 2	4°48	21°D20	W26
T 27	10 26 53	8°13'58	0♎55	19°43	28°48	12°44	3°24	1°39	10°20	10° 6	8°26	3° 3	2°59	4°55	21°20	T 27
F 28	10 30 50	9♓14'17	13♎21	19♓11	0♈ 2	12♍21	3♑33	1♒45	10♎18	10♐ 7	8♊27	3♓ 2	2♓55	5♌ 1	21♊21	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s12	9s44	3s36	16s11	1s48	14s 8	1s30	7n28	3n56	23s 1	0n24	20s30	0s 6	3s41	0n44	20s20	1n34	9n57	11s54	10s21	9s54	22n23	17n13	5s58
S 2	16 55	15 11	4 22	15 32	1 44	13 43	1 31	7 33	3 57	23 1	0 24	20 28	0 6	3 40	0 44	20 21	1 34	9 57	11 54	10 20	9 56	22 21	17 13	5 57
M 3	16 37	20 6	4 55	14 52	1 38	13 17	1 31	7 39	3 59	23 1	0 24	20 27	0 6	3 40	0 44	20 21	1 34	9 57	11 53	10 20	9 57	22 18	17 13	5 57
T 4	16 20	24 11	5 13	14 11	1 32	12 50	1 31	7 44	4 0	23 2	0 24	20 26	0 7	3 39	0 44	20 21	1 34	9 57	11 53	10 20	9 58	22 16	17 14	5 57
W 5	16 2	27 0	5 14	13 29	1 26	12 24	1 31	7 50	4 2	23 2	0 24	20 24	0 7	3 39	0 44	20 21	1 34	9 58	11 53	10 21	9 59	22 14	17 14	5 57
T 6	15 44	28 12	4 56	12 46	1 18	11 56	1 31	7 56	4 3	23 2	0 24	20 23	0 7	3 39	0 44	20 21	1 35	9 58	11 53	10 21	10 0	22 12	17 14	5 56
F 7	15 25	27 28	4 19	12 1	1 10	11 29	1 30	8 2	4 5	23 2	0 24	20 22	0 7	3 38	0 44	20 21	1 35	9 58	11 52	10 22	10 1	22 9	17 14	5 56
S 8	15 6	24 45	3 23	11 17	1 1	11 1	1 30	8 9	4 6	23 2	0 24	20 20	0 7	3 37	0 44	20 21	1 35	9 58	11 52	10 23	10 3	22 7	17 14	5 56
S 9	14 47	20 16	2 12	10 31	0 52	10 34	1 30	8 15	4 7	23 2	0 24	20 19	0 7	3 37	0 44	20 21	1 35	9 59	11 52	10 23	10 4	22 5	17 15	5 55
M10	14 28	14 28	0 52	9 46	0 41	10 5	1 29	8 22	4 9	23 2	0 24	20 18	0 7	3 36	0 44	20 22	1 35	9 59	11 51	10 23	10 5	22 3	17 15	5 55
T 11	14 8	7 51	0n31	9 0	0 30	9 37	1 29	8 30	4 10	23 2	0 24	20 16	0 7	3 36	0 44	20 22	1 35	9 59	11 51	10 23	10 6	22 0	17 15	5 55
W12	13 49	0 56	1 51	8 14	0 18	9 8	1 29	8 37	4 11	23 2	0 23	20 15	0 7	3 35	0 44	20 22	1 35	9 59	11 51	10 23	10 7	21 58	17 15	5 54
T 13	13 29	5n51	3 1	7 29	0 6	8 39	1 28	8 45	4 12	23 2	0 23	20 14	0 7	3 35	0 44	20 22	1 35	10 0	11 51	10 23	10 8	21 56	17 16	5 54
F 14	13 8	12 8	3 59	6 44	0n 7	8 10	1 27	8 52	4 13	23 2	0 23	20 12	0 7	3 34	0 44	20 22	1 35	10 0	11 50	10 23	10 9	21 53	17 16	5 54
S 15	12 48	17 38	4 41	6 1	0 21	7 40	1 27	9 0	4 14	23 2	0 23	20 11	0 7	3 33	0 44	20 22	1 35	10 0	11 50	10 23	10 11	21 51	17 16	5 53
S 16	12 27	22 9	5 7	5 19	0 35	7 11	1 26	9 9	4 14	23 2	0 23	20 9	0 7	3 33	0 44	20 22	1 35	10 0	11 50	10 22	10 12	21 49	17 17	5 53
M17	12 6	25 29	5 17	4 39	0 50	6 41	1 25	9 17	4 15	23 1	0 23	20 8	0 8	3 32	0 44	20 22	1 35	10 1	11 49	10 22	10 13	21 46	17 17	5 53
T 18	11 45	27 32	5 13	4 1	1 6	6 11	1 24	9 25	4 16	23 1	0 23	20 7	0 8	3 31	0 44	20 22	1 35	10 1	11 49	10 22	10 14	21 44	17 17	5 52
W19	11 24	28 14	4 54	3 26	1 21	5 41	1 23	9 34	4 16	23 1	0 23	20 5	0 8	3 31	0 44	20 22	1 35	10 1	11 49	10 23	10 15	21 42	17 17	5 52
T 20	11 3	27 36	4 23	2 54	1 37	5 11	1 22	9 42	4 17	23 1	0 23	20 4	0 8	3 30	0 44	20 22	1 35	10 1	11 49	10 23	10 16	21 39	17 18	5 51
F 21	10 41	25 42	3 41	2 25	1 52	4 40	1 21	9 51	4 17	23 1	0 23	20 3	0 8	3 29	0 44	20 22	1 35	10 2	11 48	10 23	10 17	21 37	17 18	5 51
S 22	10 20	22 41	2 49	2 1	2 8	4 10	1 20	10 0	4 17	23 1	0 23	20 1	0 8	3 28	0 44	20 22	1 35	10 2	11 48	10 23	10 19	21 35	17 18	5 51
S 23	9 58	18 44	1 50	1 40	2 23	3 39	1 18	10 9	4 17	23 1	0 23	20 0	0 8	3 28	0 44	20 22	1 35	10 2	11 48	10 23	10 20	21 32	17 19	5 50
M24	9 36	14 2	0 47	1 25	2 37	3 8	1 17	10 17	4 17	23 0	0 23	19 59	0 8	3 27	0 44	20 22	1 35	10 3	11 47	10 23	10 21	21 30	17 19	5 50
T 25	9 13	8 47	0s20	1 13	2 50	2 37	1 16	10 26	4 17	23 0	0 23	19 58	0 8	3 26	0 44	20 22	1 35	10 3	11 47	10 23	10 22	21 28	17 20	5 50
W26	8 51	3 10	1 26	1 7	3 3	2 6	1 14	10 35	4 17	23 0	0 23	19 56	0 8	3 25	0 44	20 22	1 35	10 3	11 47	10 23	10 23	21 25	17 20	5 49
T 27	8 29	2s38	2 29	1 6	3 14	1 36	1 13	10 44	4 17	23 0	0 23	19 55	0 8	3 25	0 44	20 23	1 36	10 4	11 47	10 23	10 24	21 23	17 20	5 49
F 28	8s 6	8s25	3s26	1s10	3n23	1s 4	1s11	10n53	4n17	23s 0	0n23	19s54	0s 8	3s24	0n45	20s23	1n36	10n 4	11s46	10s23	10s25	21n20	17n21	5s49

Julian Day Number = 2501979.5, Delta T = 113.85 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°40'11, Lahiri = 25°47'12

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ASTRODIENST EPHEMERIS for the year 2138
geocentric

MARCH 2138 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 46	10♓14'35	25♎59	18°R31	1♈17	11°R57	3♑42	1♒51	10°R16	10♐ 7	8♊27	3°R 1	2♓52	5♌ 8	21♊21	S 1
S 2	10 38 43	11°14'51	8♏51	17♓44	2°31	11♏33	3°51	1°57	10♎14	10° 8	8°27	3♓ 0	2°49	5°15	21°21	S 2
M 3	10 42 39	12°15'06	21°59	16°51	3°46	11° 9	4° 0	2° 3	10°12	10° 8	8°27	2°59	2°46	5°21	21°21	M 3
T 4	10 46 36	13°15'19	5♐24	15°53	5° 0	10°46	4° 8	2° 9	10°10	10° 8	8°27	2°59	2°43	5°28	21°22	T 4
W 5	10 50 33	14°15'31	19° 8	14°52	6°14	10°22	4°17	2°15	10° 7	10° 9	8°28	2°D59	2°40	5°35	21°22	W 5
T 6	10 54 29	15°15'42	3♑11	13°50	7°29	9°58	4°25	2°21	10° 5	10° 9	8°28	2°59	2°36	5°41	21°23	T 6
F 7	10 58 26	16°15'51	17°32	12°47	8°43	9°35	4°34	2°27	10° 3	10° 9	8°28	3° 0	2°33	5°48	21°23	F 7
S 8	11 2 22	17°15'59	2♒ 8	11°46	9°57	9°11	4°42	2°32	10° 1	10° 9	8°29	3° 1	2°30	5°55	21°24	S 8
S 9	11 6 19	18°16'04	16°55	10°48	11°11	8°48	4°50	2°38	9°58	10° 9	8°29	3° 2	2°27	6° 1	21°25	S 9
M10	11 10 15	19°16'08	1♓47	9°53	12°25	8°25	4°57	2°44	9°56	10° 9	8°29	3°R 2	2°24	6° 8	21°26	M10
T 11	11 14 12	20°16'11	16°37	9° 3	13°39	8° 3	5° 5	2°49	9°53	10° 9	8°30	3° 2	2°21	6°15	21°27	T 11
W12	11 18 8	21°16'11	1♈16	8°19	14°53	7°41	5°13	2°55	9°51	10°R 9	8°30	3° 1	2°17	6°21	21°28	W12
T 13	11 22 5	22°16'09	15°38	7°40	16° 7	7°19	5°20	3° 0	9°49	10° 9	8°30	2°59	2°14	6°28	21°29	T 13
F 14	11 26 2	23°16'06	29°38	7° 8	17°21	6°58	5°27	3° 6	9°46	10° 9	8°31	2°56	2°11	6°34	21°30	F 14
S 15	11 29 58	24°16'00	13♉13	6°42	18°35	6°37	5°34	3°11	9°44	10° 9	8°31	2°53	2° 8	6°41	21°32	S 15
S 16	11 33 55	25°15'52	26°23	6°22	19°49	6°17	5°41	3°16	9°41	10° 9	8°32	2°50	2° 5	6°48	21°33	S 16
M17	11 37 51	26°15'42	9♊ 9	6° 9	21° 3	5°57	5°48	3°21	9°39	10° 9	8°32	2°48	2° 1	6°54	21°35	M17
T 18	11 41 48	27°15'30	21°34	6° 3	22°17	5°38	5°55	3°27	9°36	10° 9	8°33	2°47	1°58	7° 1	21°36	T 18
W19	11 45 44	28°15'16	3♋43	6°D 2	23°31	5°19	6° 1	3°32	9°34	10° 9	8°33	2°D47	1°55	7° 8	21°38	W19
T 20	11 49 41	29°14'59	15°39	6° 8	24°44	5° 1	6° 8	3°37	9°31	10° 8	8°34	2°48	1°52	7°14	21°39	T 20
F 21	11 53 37	0♈14'40	27°29	6°19	25°58	4°44	6°14	3°42	9°29	10° 8	8°34	2°49	1°49	7°21	21°41	F 21
S 22	11 57 34	1°14'19	9♌17	6°36	27°12	4°27	6°20	3°47	9°26	10° 8	8°35	2°51	1°46	7°28	21°43	S 22
S 23	12 1 31	2°13'56	21° 7	6°58	28°25	4°11	6°26	3°51	9°23	10° 8	8°36	2°53	1°42	7°34	21°45	S 23
M24	12 5 27	3°13'30	3♍ 4	7°25	29°39	3°56	6°31	3°56	9°21	10° 7	8°36	2°R53	1°39	7°41	21°47	M24
T 25	12 9 24	4°13'02	15°10	7°56	0♉52	3°42	6°37	4° 1	9°18	10° 7	8°37	2°52	1°36	7°48	21°49	T 25
W26	12 13 20	5°12'32	27°28	8°31	2° 6	3°28	6°42	4° 5	9°16	10° 6	8°38	2°50	1°33	7°54	21°51	W26
T 27	12 17 17	6°12'00	9♎59	9°11	3°19	3°15	6°48	4°10	9°13	10° 6	8°38	2°46	1°30	8° 1	21°53	T 27
F 28	12 21 13	7°11'26	22°44	9°54	4°32	3° 3	6°53	4°14	9°10	10° 5	8°39	2°41	1°26	8° 8	21°55	F 28
S 29	12 25 10	8°10'51	5♏43	10°41	5°46	2°51	6°58	4°19	9° 8	10° 5	8°40	2°35	1°23	8°14	21°58	S 29
S 30	12 29 6	9°10'13	18°55	11°32	6°59	2°40	7° 2	4°23	9° 5	10° 4	8°41	2°29	1°20	8°21	22° 0	S 30
M31	12 33 3	10♈ 9'33	2♐20	12♓25	8♉12	2♏30	7♑ 7	4♒27	9♎ 3	10♐ 4	8♊41	2♓23	1♓17	8♌28	22♊ 3	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s43	13s58	4s13	1s18	3n31	0s33	1s10	11n 1	4n16	23s 0	0n23	19s52	0s 8	3s23	0n45	20s23	1n36	10n 4	11s46	10s23	10s27	21n18	17n21	5s48
S 2	7 21	19 0	4 50	1 31	3 37	0 2	1 8	11 10	4 16	22 59	0 23	19 51	0 9	3 22	0 45	20 23	1 36	10 4	11 46	10 24	10 28	21 16	17 21	5 48
M 3	6 58	23 15	5 11	1 48	3 40	0n29	1 6	11 18	4 15	22 59	0 23	19 50	0 9	3 21	0 45	20 23	1 36	10 5	11 45	10 24	10 29	21 13	17 22	5 47
T 4	6 35	26 23	5 17	2 9	3 42	1 0	1 4	11 27	4 14	22 59	0 23	19 49	0 9	3 20	0 45	20 23	1 36	10 5	11 45	10 24	10 30	21 11	17 22	5 47
W 5	6 11	28 2	5 5	2 33	3 41	1 31	1 3	11 35	4 13	22 59	0 23	19 47	0 9	3 19	0 45	20 23	1 36	10 5	11 45	10 24	10 31	21 8	17 23	5 47
T 6	5 48	27 57	4 34	3 0	3 38	2 2	1 1	11 43	4 12	22 58	0 23	19 46	0 9	3 18	0 45	20 22	1 36	10 6	11 45	10 24	10 32	21 6	17 23	5 46
F 7	5 25	26 1	3 46	3 28	3 33	2 33	0 59	11 51	4 11	22 58	0 23	19 45	0 9	3 18	0 45	20 22	1 36	10 6	11 44	10 24	10 33	21 4	17 23	5 46
S 8	5 2	22 19	2 43	3 58	3 26	3 4	0 57	11 59	4 10	22 58	0 23	19 44	0 9	3 17	0 45	20 22	1 36	10 6	11 44	10 23	10 35	21 1	17 24	5 46
S 9	4 38	17 9	1 28	4 27	3 18	3 35	0 55	12 6	4 9	22 58	0 22	19 42	0 9	3 16	0 45	20 22	1 36	10 7	11 44	10 23	10 36	20 59	17 24	5 45
M10	4 15	10 56	0 7	4 57	3 8	4 6	0 53	12 14	4 8	22 57	0 22	19 41	0 9	3 15	0 45	20 22	1 36	10 7	11 43	10 23	10 37	20 56	17 25	5 45
T 11	3 51	4 8	1n14	5 27	2 56	4 37	0 50	12 21	4 6	22 57	0 22	19 40	0 9	3 14	0 45	20 22	1 36	10 7	11 43	10 23	10 38	20 54	17 25	5 44
W12	3 28	2n48	2 30	5 55	2 44	5 7	0 48	12 28	4 5	22 57	0 22	19 39	0 9	3 13	0 45	20 22	1 36	10 8	11 43	10 24	10 39	20 51	17 26	5 44
T 13	3 4	9 26	3 34	6 21	2 31	5 38	0 46	12 35	4 3	22 57	0 22	19 38	0 9	3 12	0 45	20 22	1 36	10 8	11 43	10 24	10 40	20 49	17 26	5 44
F 14	2 40	15 27	4 24	6 46	2 17	6 8	0 44	12 41	4 1	22 56	0 22	19 37	0 10	3 11	0 45	20 22	1 36	10 8	11 42	10 25	10 41	20 46	17 26	5 43
S 15	2 17	20 31	4 57	7 9	2 2	6 39	0 41	12 47	4 0	22 56	0 22	19 35	0 10	3 10	0 45	20 22	1 36	10 9	11 42	10 26	10 43	20 44	17 27	5 43
S 16	1 53	24 24	5 13	7 30	1 48	7 9	0 39	12 53	3 58	22 56	0 22	19 34	0 10	3 9	0 45	20 22	1 36	10 9	11 42	10 27	10 44	20 42	17 27	5 43
M17	1 29	26 58	5 13	7 48	1 33	7 39	0 36	12 58	3 56	22 56	0 22	19 33	0 10	3 8	0 45	20 22	1 36	10 9	11 42	10 28	10 45	20 39	17 28	5 42
T 18	1 5	28 7	4 58	8 4	1 18	8 9	0 34	13 4	3 54	22 55	0 22	19 32	0 10	3 7	0 45	20 22	1 36	10 10	11 41	10 29	10 46	20 37	17 28	5 42
W19	0 42	27 53	4 30	8 18	1 4	8 38	0 31	13 9	3 52	22 55	0 22	19 31	0 10	3 6	0 45	20 22	1 37	10 10	11 41	10 29	10 47	20 34	17 29	5 41
T 20	0 18	26 20	3 51	8 29	0 49	9 8	0 29	13 13	3 50	22 55	0 22	19 30	0 10	3 5	0 45	20 22	1 37	10 10	11 41	10 28	10 48	20 32	17 29	5 41
F 21	0n 6	23 38	3 2	8 38	0 35	9 37	0 26	13 18	3 48	22 55	0 22	19 29	0 10	3 4	0 45	20 22	1 37	10 11	11 40	10 28	10 49	20 29	17 30	5 41
S 22	0 30	19 57	2 6	8 45	0 22	10 6	0 23	13 22	3 45	22 54	0 22	19 28	0 10	3 3	0 45	20 22	1 37	10 11	11 40	10 27	10 51	20 27	17 30	5 40
S 23	0 53	15 28	1 4	8 49	0 9	10 35	0 21	13 26	3 43	22 54	0 22	19 27	0 10	3 2	0 45	20 21	1 37	10 11	11 40	10 27	10 52	20 24	17 31	5 40
M24	1 17	10 22	0s 1	8 51	0s 4	11 4	0 18	13 29	3 41	22 54	0 22	19 26	0 10	3 1	0 45	20 21	1 37	10 12	11 40	10 26	10 53	20 22	17 31	5 40
T 25	1 41	4 49	1 7	8 51	0 17	11 32	0 15	13 32	3 38	22 54	0 22	19 25	0 11	3 0	0 45	20 21	1 37	10 12	11 39	10 27	10 54	20 19	17 32	5 39
W26	2 4	0s59	2 10	8 49	0 28	12 0	0 13	13 35	3 36	22 53	0 22	19 24	0 11	2 59	0 45	20 21	1 37	10 12	11 39	10 27	10 55	20 17	17 32	5 39
T 27	2 28	6 51	3 9	8 44	0 40	12 28	0 10	13 38	3 34	22 53	0 22	19 23	0 11	2 58	0 45	20 21	1 37	10 13	11 39	10 29	10 56	20 14	17 32	5 39
F 28	2 51	12 32	3 59	8 38	0 51	12 55	0 7	13 40	3 31	22 53	0 22	19 22	0 11	2 57	0 45	20 21	1 37	10 13	11 39	10 31	10 57	20 12	17 33	5 38
S 29	3 15	17 46	4 37	8 30	1 1	13 22	0 4	13 42	3 29	22 53	0 22	19 21	0 11	2 56	0 45	20 21	1 37	10 14	11 38	10 33	10 58	20 9	17 33	5 38
S 30	3 38	22 16	5 2	8 20	1 11	13 49	0 1	13 43	3 26	22 53	0 22	19 20	0 11	2 55	0 45	20 21	1 37	10 14	11 38	10 35	11 0	20 7	17 34	5 38
M31	4n 1	25s41	5s11	8s 8	1s20	14n15	0n 2	13n45	3n24	22s52	0n22	19s19	0s11	2s54	0n45	20s21	1n37	10n14	11s38	10s37	11s 1	20n 4	17n34	5s37

Julian Day Number = 2502007.5, Delta T = 113.90 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°40'15, Lahiri = 25°47'15

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ASTRODIENST EPHEMERIS for the year 2138
geocentric

APRIL 2138 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 0	11♈ 8'52	15♐58	13♓22	9♉25	2°R21	7♑12	4♒31	9°R 0	10°R 3	8♊42	2°R19	1♓14	8♌34	22♊ 5	T 1
W 2	12 40 56	12° 8'09	29°46	14°21	10°38	2♍13	7°16	4°36	8♎57	10♐ 2	8°43	2♓17	1°11	8°41	22° 8	W 2
T 3	12 44 53	13° 7'24	13♑44	15°23	11°51	2° 5	7°20	4°40	8°55	10° 2	8°44	2°D16	1° 7	8°48	22°11	T 3
F 4	12 48 49	14° 6'38	27°52	16°28	13° 4	1°58	7°24	4°43	8°52	10° 1	8°45	2°17	1° 4	8°54	22°13	F 4
S 5	12 52 46	15° 5'50	12♒ 9	17°35	14°17	1°52	7°28	4°47	8°50	10° 0	8°46	2°18	1° 1	9° 1	22°16	S 5
S 6	12 56 42	16° 5'00	26°31	18°44	15°30	1°47	7°31	4°51	8°47	10° 0	8°46	2°R19	0°58	9° 8	22°19	S 6
M 7	13 0 39	17° 4'08	10♓56	19°56	16°43	1°43	7°35	4°55	8°45	9°59	8°47	2°19	0°55	9°14	22°22	M 7
T 8	13 4 35	18° 3'14	25°21	21°10	17°56	1°39	7°38	4°58	8°42	9°58	8°48	2°17	0°52	9°21	22°25	T 8
W 9	13 8 32	19° 2'18	9♈39	22°26	19° 8	1°36	7°41	5° 2	8°39	9°57	8°49	2°13	0°48	9°28	22°28	W 9
T 10	13 12 29	20° 1'21	23°46	23°44	20°21	1°34	7°44	5° 5	8°37	9°56	8°50	2° 6	0°45	9°34	22°31	T 10
F 11	13 16 25	21° 0'21	7♉37	25° 4	21°34	1°32	7°46	5° 9	8°34	9°55	8°51	1°58	0°42	9°41	22°34	F 11
S 12	13 20 22	21°59'20	21° 7	26°25	22°46	1°D32	7°49	5°12	8°32	9°54	8°52	1°50	0°39	9°48	22°38	S 12
S 13	13 24 18	22°58'16	4♊16	27°49	23°59	1°32	7°51	5°15	8°29	9°53	8°53	1°41	0°36	9°54	22°41	S 13
M14	13 28 15	23°57'10	17° 3	29°14	25°11	1°32	7°53	5°18	8°27	9°52	8°54	1°34	0°32	10° 1	22°44	M14
T 15	13 32 11	24°56'02	29°30	0♈41	26°23	1°34	7°55	5°21	8°24	9°51	8°55	1°29	0°29	10° 7	22°48	T 15
W16	13 36 8	25°54'51	11♋40	2°10	27°36	1°36	7°57	5°24	8°22	9°50	8°56	1°26	0°26	10°14	22°51	W16
T 17	13 40 4	26°53'39	23°38	3°40	28°48	1°39	7°58	5°27	8°20	9°49	8°57	1°D24	0°23	10°21	22°55	T 17
F 18	13 44 1	27°52'24	5♌28	5°13	29°59	1°43	8° 0	5°29	8°17	9°48	8°58	1°25	0°20	10°27	22°59	F 18
S 19	13 47 58	28°51'07	17°17	6°46	1♊12	1°47	8° 1	5°32	8°15	9°47	8°59	1°25	0°17	10°34	23° 2	S 19
S 20	13 51 54	29°49'47	29° 9	8°22	2°24	1°52	8° 2	5°35	8°12	9°46	9° 0	1°R26	0°13	10°41	23° 6	S 20
M21	13 55 51	0♉48'26	11♍ 9	9°59	3°36	1°58	8° 3	5°37	8°10	9°45	9° 1	1°26	0°10	10°47	23°10	M21
T 22	13 59 47	1°47'02	23°21	11°38	4°48	2° 4	8° 4	5°39	8° 8	9°44	9° 2	1°23	0° 7	10°54	23°14	T 22
W23	14 3 44	2°45'36	5♎49	13°18	6° 0	2°11	8° 4	5°42	8° 5	9°43	9° 4	1°18	0° 4	11° 1	23°17	W23
T 24	14 7 40	3°44'08	18°36	15° 0	7°11	2°19	8° 4	5°44	8° 3	9°41	9° 5	1°11	0° 1	11° 7	23°21	T 24
F 25	14 11 37	4°42'38	1♏40	16°44	8°23	2°27	8°R 4	5°46	8° 1	9°40	9° 6	1° 2	29♒58	11°14	23°25	F 25
S 26	14 15 33	5°41'07	15° 3	18°30	9°34	2°36	8° 4	5°48	7°59	9°39	9° 7	0°51	29°54	11°21	23°29	S 26
S 27	14 19 30	6°39'33	28°41	20°17	10°46	2°45	8° 4	5°50	7°56	9°38	9° 8	0°41	29°51	11°27	23°34	S 27
M28	14 23 27	7°37'58	12♐31	22° 6	11°57	2°55	8° 3	5°52	7°54	9°36	9° 9	0°31	29°48	11°34	23°38	M28
T 29	14 27 23	8°36'21	26°30	23°56	13° 9	3° 6	8° 3	5°53	7°52	9°35	9°11	0°23	29°45	11°41	23°42	T 29
W30	14 31 20	9♉34'43	10♑35	25♈48	14♊20	3♍17	8♑ 2	5♒55	7♎50	9♐34	9♊12	0♓17	29♒42	11♌47	23♊46	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n24	27s41	5s 2	7s54	1s29	14n42	0n 5	13n46	3n21	22s52	0n22	19s18	0s11	2s53	0n45	20s20	1n37	10n15	11s38	10s38	11s 2	20n 1	17n35	5s37
W 2	4 48	28 1	4 36	7 39	1 37	15 7	0 7	13 46	3 19	22 52	0 22	19 17	0 11	2 52	0 45	20 20	1 37	10 15	11 37	10 39	11 3	19 59	17 35	5 37
T 3	5 11	26 35	3 53	7 22	1 44	15 33	0 10	13 47	3 16	22 52	0 21	19 16	0 11	2 51	0 45	20 20	1 37	10 15	11 37	10 40	11 4	19 56	17 36	5 36
F 4	5 34	23 27	2 56	7 3	1 51	15 58	0 13	13 47	3 14	22 52	0 21	19 15	0 11	2 50	0 45	20 20	1 37	10 16	11 37	10 39	11 5	19 54	17 36	5 36
S 5	5 57	18 52	1 47	6 43	1 58	16 23	0 16	13 47	3 11	22 51	0 21	19 15	0 12	2 49	0 45	20 20	1 37	10 16	11 37	10 39	11 6	19 51	17 37	5 36
S 6	6 19	13 10	0 31	6 21	2 4	16 47	0 19	13 46	3 9	22 51	0 21	19 14	0 12	2 48	0 45	20 20	1 37	10 16	11 36	10 39	11 7	19 49	17 37	5 35
M 7	6 42	6 44	0n47	5 58	2 9	17 11	0 22	13 45	3 6	22 51	0 21	19 13	0 12	2 47	0 45	20 20	1 37	10 17	11 36	10 39	11 9	19 46	17 38	5 35
T 8	7 5	0n 1	2 1	5 34	2 14	17 34	0 25	13 44	3 4	22 51	0 21	19 12	0 12	2 46	0 45	20 19	1 37	10 17	11 36	10 39	11 10	19 44	17 38	5 35
W 9	7 27	6 42	3 8	5 8	2 19	17 57	0 28	13 43	3 1	22 51	0 21	19 11	0 12	2 45	0 45	20 19	1 37	10 17	11 36	10 41	11 11	19 41	17 39	5 34
T 10	7 49	12 58	4 2	4 40	2 23	18 20	0 31	13 41	2 58	22 51	0 21	19 11	0 12	2 44	0 45	20 19	1 38	10 18	11 36	10 43	11 12	19 38	17 39	5 34
F 11	8 12	18 27	4 40	4 12	2 26	18 42	0 34	13 40	2 56	22 51	0 21	19 10	0 12	2 43	0 45	20 19	1 38	10 18	11 35	10 46	11 13	19 36	17 40	5 34
S 12	8 34	22 52	5 2	3 42	2 29	19 3	0 37	13 37	2 53	22 51	0 21	19 9	0 12	2 42	0 45	20 19	1 38	10 19	11 35	10 49	11 14	19 33	17 40	5 33
S 13	8 56	26 0	5 7	3 11	2 31	19 24	0 40	13 35	2 51	22 50	0 21	19 9	0 12	2 41	0 45	20 19	1 38	10 19	11 35	10 52	11 15	19 31	17 41	5 33
M14	9 17	27 42	4 56	2 39	2 33	19 45	0 43	13 32	2 48	22 50	0 21	19 8	0 12	2 40	0 45	20 18	1 38	10 19	11 35	10 55	11 16	19 28	17 41	5 33
T 15	9 39	27 57	4 31	2 5	2 35	20 5	0 46	13 30	2 46	22 50	0 21	19 7	0 12	2 39	0 45	20 18	1 38	10 20	11 35	10 56	11 18	19 25	17 42	5 33
W16	10 0	26 49	3 55	1 31	2 35	20 25	0 49	13 26	2 43	22 50	0 21	19 7	0 13	2 38	0 45	20 18	1 38	10 20	11 34	10 58	11 19	19 23	17 42	5 32
T 17	10 22	24 27	3 9	0 55	2 36	20 44	0 52	13 23	2 41	22 50	0 21	19 6	0 13	2 37	0 45	20 18	1 38	10 20	11 34	10 58	11 20	19 20	17 42	5 32
F 18	10 43	21 4	2 15	0 19	2 35	21 2	0 55	13 19	2 38	22 50	0 21	19 6	0 13	2 36	0 45	20 18	1 38	10 21	11 34	10 58	11 21	19 18	17 43	5 32
S 19	11 4	16 50	1 15	0n19	2 35	21 20	0 58	13 16	2 36	22 50	0 21	19 5	0 13	2 35	0 45	20 17	1 38	10 21	11 34	10 58	11 22	19 15	17 43	5 32
S 20	11 24	11 57	0 12	0 58	2 33	21 37	1 1	13 12	2 34	22 50	0 21	19 4	0 13	2 34	0 44	20 17	1 38	10 21	11 34	10 57	11 23	19 12	17 44	5 31
M21	11 45	6 35	0s52	1 38	2 32	21 54	1 4	13 7	2 31	22 50	0 21	19 4	0 13	2 33	0 44	20 17	1 38	10 22	11 33	10 58	11 24	19 10	17 44	5 31
T 22	12 5	0 53	1 55	2 18	2 29	22 10	1 7	13 3	2 29	22 50	0 21	19 3	0 13	2 32	0 44	20 17	1 38	10 22	11 33	10 58	11 25	19 7	17 45	5 31
W23	12 25	4s57	2 53	3 0	2 26	22 26	1 9	12 58	2 26	22 50	0 21	19 3	0 13	2 32	0 44	20 17	1 38	10 22	11 33	11 0	11 27	19 4	17 45	5 31
T 24	12 45	10 44	3 44	3 43	2 23	22 41	1 12	12 53	2 24	22 50	0 20	19 3	0 13	2 31	0 44	20 16	1 38	10 23	11 33	11 3	11 28	19 2	17 46	5 30
F 25	13 5	16 11	4 25	4 26	2 19	22 55	1 15	12 48	2 22	22 50	0 20	19 2	0 13	2 30	0 44	20 16	1 38	10 23	11 33	11 6	11 29	18 59	17 46	5 30
S 26	13 24	20 59	4 52	5 10	2 15	23 9	1 18	12 43	2 20	22 50	0 20	19 2	0 14	2 29	0 44	20 16	1 38	10 23	11 32	11 10	11 30	18 57	17 46	5 30
S 27	13 44	24 46	5 3	5 55	2 10	23 22	1 21	12 37	2 17	22 50	0 20	19 1	0 14	2 28	0 44	20 16	1 38	10 24	11 32	11 14	11 31	18 54	17 47	5 30
M28	14 3	27 11	4 56	6 40	2 4	23 35	1 23	12 31	2 15	22 51	0 20	19 1	0 14	2 27	0 44	20 16	1 38	10 24	11 32	11 17	11 32	18 51	17 47	5 29
T 29	14 22	27 55	4 32	7 27	1 59	23 47	1 26	12 25	2 13	22 51	0 20	19 1	0 14	2 27	0 44	20 15	1 38	10 24	11 32	11 20	11 33	18 49	17 48	5 29
W30	14n40	26s51	3s52	8n13	1s52	23n58	1n28	12n19	2n11	22s51	0n20	19s 0	0s14	2s26	0n44	20s15	1n38	10n25	11s32	11s22	11s34	18n46	17n48	5s29

Julian Day Number = 2502038.5, Delta T = 113.95 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°40'19, Lahiri = 25°47'20

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ASTRODIENST EPHEMERIS for the year 2138
geocentric

MAY 2138 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 16	10♉33'03	24♑42	27♈42	15♊31	3♍29	8°R 1	5♒56	7°R48	9°R32	9♊13	0°R14	29♒38	11♌54	23♊50	T 1
F 2	14 39 13	11°31'22	8♒49	29°38	16°42	3°41	8♑ 0	5°58	7♎46	9♐31	9°14	0°D13	29°35	12° 1	23°55	F 2
S 3	14 43 9	12°29'39	22°56	1♉35	17°53	3°54	7°58	5°59	7°44	9°30	9°15	0°R13	29°32	12° 7	23°59	S 3
S 4	14 47 6	13°27'54	7♓ 2	3°34	19° 4	4° 7	7°57	6° 0	7°42	9°28	9°17	0♓13	29°29	12°14	24° 4	S 4
M 5	14 51 2	14°26'08	21° 5	5°35	20°15	4°21	7°55	6° 1	7°40	9°27	9°18	0°12	29°26	12°21	24° 8	M 5
T 6	14 54 59	15°24'21	5♈ 4	7°37	21°26	4°35	7°53	6° 2	7°38	9°25	9°19	0° 8	29°23	12°27	24°13	T 6
W 7	14 58 56	16°22'32	18°56	9°41	22°37	4°50	7°51	6° 3	7°36	9°24	9°20	0° 1	29°19	12°34	24°17	W 7
T 8	15 2 52	17°20'41	2♉39	11°46	23°47	5° 5	7°48	6° 4	7°35	9°22	9°22	29♒52	29°16	12°40	24°22	T 8
F 9	15 6 49	18°18'49	16° 9	13°52	24°58	5°21	7°46	6° 5	7°33	9°21	9°23	29°41	29°13	12°47	24°26	F 9
S 10	15 10 45	19°16'56	29°24	16° 0	26° 8	5°37	7°43	6° 6	7°31	9°19	9°24	29°28	29°10	12°54	24°31	S 10
S 11	15 14 42	20°15'00	12♊22	18° 9	27°19	5°54	7°40	6° 6	7°29	9°18	9°26	29°16	29° 7	13° 0	24°36	S 11
M12	15 18 38	21°13'03	25° 2	20°18	28°29	6°11	7°37	6° 7	7°28	9°16	9°27	29° 5	29° 4	13° 7	24°40	M12
T 13	15 22 35	22°11'05	7♋25	22°29	29°39	6°28	7°34	6° 7	7°26	9°15	9°28	28°56	29° 0	13°14	24°45	T 13
W14	15 26 31	23° 9'04	19°33	24°39	0♋49	6°46	7°30	6° 7	7°24	9°13	9°30	28°50	28°57	13°20	24°50	W14
T 15	15 30 28	24° 7'02	1♌30	26°50	1°59	7° 5	7°27	6° 7	7°23	9°12	9°31	28°46	28°54	13°27	24°55	T 15
F 16	15 34 25	25° 4'57	13°20	29° 1	3° 9	7°24	7°23	6°R 7	7°21	9°10	9°32	28°44	28°51	13°34	25° 0	F 16
S 17	15 38 21	26° 2'52	25° 8	1♍11	4°19	7°43	7°19	6° 7	7°20	9° 9	9°33	28°44	28°48	13°40	25° 5	S 17
S 18	15 42 18	27° 0'44	7♍ 0	3°21	5°29	8° 2	7°15	6° 7	7°19	9° 7	9°35	28°44	28°44	13°47	25°10	S 18
M19	15 46 14	27°58'34	19° 2	5°30	6°38	8°22	7°11	6° 7	7°17	9° 5	9°36	28°43	28°41	13°54	25°15	M19
T 20	15 50 11	28°56'23	1♎17	7°37	7°48	8°43	7° 6	6° 7	7°16	9° 4	9°38	28°40	28°38	14° 0	25°20	T 20
W21	15 54 7	29°54'10	13°51	9°43	8°57	9° 3	7° 2	6° 6	7°15	9° 2	9°39	28°35	28°35	14° 7	25°25	W21
T 22	15 58 4	0♊51'56	26°47	11°48	10° 6	9°25	6°57	6° 6	7°13	9° 1	9°40	28°27	28°32	14°14	25°30	T 22
F 23	16 2 0	1°49'40	10♏ 7	13°50	11°15	9°46	6°52	6° 5	7°12	8°59	9°42	28°17	28°29	14°20	25°35	F 23
S 24	16 5 57	2°47'22	23°48	15°51	12°24	10° 8	6°47	6° 4	7°11	8°57	9°43	28° 6	28°25	14°27	25°40	S 24
S 25	16 9 54	3°45'04	7♐49	17°48	13°33	10°30	6°42	6° 3	7°10	8°56	9°44	27°54	28°22	14°34	25°45	S 25
M26	16 13 50	4°42'44	22° 6	19°44	14°42	10°52	6°36	6° 2	7° 9	8°54	9°46	27°43	28°19	14°40	25°50	M26
T 27	16 17 47	5°40'23	6♑31	21°37	15°51	11°15	6°31	6° 1	7° 8	8°53	9°47	27°34	28°16	14°47	25°55	T 27
W28	16 21 43	6°38'01	20°59	23°27	16°59	11°38	6°25	6° 0	7° 7	8°51	9°48	27°28	28°13	14°53	26° 0	W28
T 29	16 25 40	7°35'38	5♒24	25°15	18° 7	12° 1	6°20	5°59	7° 6	8°49	9°50	27°24	28°10	15° 0	26° 6	T 29
F 30	16 29 36	8°33'13	19°43	26°59	19°16	12°25	6°14	5°58	7° 6	8°48	9°51	27°23	28° 6	15° 7	26°11	F 30
S 31	16 33 33	9♊30'48	3♓54	28♊41	20♋24	12♍49	6♑ 8	5♒56	7♎ 5	8♐46	9♊52	27♒23	28♒ 3	15♌13	26♊16	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n59	24s 4	2s57	9n 1	1s45	24n 9	1n31	12n13	2n 8	22s51	0n20	19s 0	0s14	2s25	0n44	20s15	1n38	10n25	11s32	11s23	11s35	18n43	17n48	5s29
F 2	15 17	19 50	1 51	9 48	1 38	24 19	1 34	12 7	2 6	22 51	0 20	19 0	0 14	2 24	0 44	20 15	1 38	10 25	11 32	11 23	11 37	18 41	17 49	5 28
S 3	15 35	14 28	0 39	10 36	1 30	24 28	1 36	12 0	2 4	22 51	0 20	19 0	0 14	2 23	0 44	20 14	1 38	10 26	11 31	11 23	11 38	18 38	17 49	5 28
S 4	15 52	8 22	0n36	11 25	1 22	24 37	1 38	11 53	2 2	22 51	0 20	18 59	0 14	2 23	0 44	20 14	1 38	10 26	11 31	11 23	11 39	18 35	17 50	5 28
M 5	16 10	1 52	1 48	12 13	1 14	24 44	1 41	11 46	2 0	22 51	0 20	18 59	0 15	2 22	0 44	20 14	1 38	10 26	11 31	11 24	11 40	18 32	17 50	5 28
T 6	16 27	4n40	2 53	13 2	1 5	24 52	1 43	11 39	1 58	22 52	0 20	18 59	0 15	2 21	0 44	20 14	1 38	10 27	11 31	11 25	11 41	18 30	17 50	5 28
W 7	16 43	10 55	3 48	13 50	0 55	24 58	1 45	11 32	1 56	22 52	0 20	18 59	0 15	2 20	0 44	20 14	1 38	10 27	11 31	11 27	11 42	18 27	17 51	5 28
T 8	17 0	16 34	4 28	14 38	0 45	25 4	1 48	11 24	1 54	22 52	0 20	18 59	0 15	2 20	0 44	20 13	1 38	10 27	11 31	11 31	11 43	18 24	17 51	5 27
F 9	17 16	21 19	4 53	15 26	0 36	25 9	1 50	11 17	1 52	22 52	0 20	18 59	0 15	2 19	0 44	20 13	1 38	10 27	11 31	11 35	11 44	18 22	17 51	5 27
S 10	17 32	24 54	5 1	16 13	0 25	25 14	1 52	11 9	1 50	22 53	0 19	18 59	0 15	2 18	0 44	20 13	1 38	10 28	11 30	11 39	11 45	18 19	17 52	5 27
S 11	17 48	27 6	4 53	16 59	0 15	25 18	1 54	11 1	1 48	22 53	0 19	18 59	0 15	2 18	0 44	20 13	1 38	10 28	11 30	11 43	11 47	18 16	17 52	5 27
M12	18 3	27 51	4 31	17 44	0 5	25 21	1 56	10 53	1 46	22 53	0 19	18 59	0 15	2 17	0 44	20 12	1 38	10 28	11 30	11 47	11 48	18 14	17 53	5 27
T 13	18 18	27 9	3 56	18 29	0n 6	25 23	1 58	10 44	1 44	22 53	0 19	18 59	0 15	2 17	0 44	20 12	1 38	10 29	11 30	11 50	11 49	18 11	17 53	5 27
W14	18 33	25 10	3 12	19 11	0 17	25 25	2 0	10 36	1 42	22 54	0 19	18 59	0 15	2 16	0 44	20 12	1 38	10 29	11 30	11 52	11 50	18 8	17 53	5 26
T 15	18 47	22 4	2 19	19 53	0 27	25 26	2 1	10 27	1 40	22 54	0 19	18 59	0 16	2 15	0 44	20 12	1 38	10 29	11 30	11 54	11 51	18 5	17 53	5 26
F 16	19 1	18 6	1 21	20 32	0 37	25 26	2 3	10 19	1 38	22 54	0 19	18 59	0 16	2 15	0 44	20 11	1 38	10 29	11 30	11 54	11 52	18 3	17 54	5 26
S 17	19 15	13 26	0 19	21 9	0 47	25 26	2 5	10 10	1 36	22 54	0 19	18 59	0 16	2 14	0 44	20 11	1 38	10 30	11 30	11 54	11 53	18 0	17 54	5 26
S 18	19 29	8 15	0s44	21 45	0 57	25 25	2 6	10 1	1 35	22 55	0 19	18 59	0 16	2 14	0 44	20 11	1 38	10 30	11 30	11 54	11 54	17 57	17 54	5 26
M19	19 42	2 43	1 45	22 18	1 7	25 23	2 8	9 52	1 33	22 55	0 19	18 59	0 16	2 13	0 44	20 11	1 38	10 30	11 30	11 55	11 55	17 54	17 55	5 26
T 20	19 55	3s 0	2 43	22 49	1 16	25 20	2 9	9 42	1 31	22 55	0 19	19 0	0 16	2 13	0 44	20 10	1 38	10 31	11 29	11 56	11 56	17 52	17 55	5 26
W21	20 7	8 45	3 35	23 17	1 24	25 17	2 10	9 33	1 29	22 56	0 19	19 0	0 16	2 12	0 44	20 10	1 38	10 31	11 29	11 58	11 58	17 49	17 55	5 26
T 22	20 19	14 18	4 17	23 42	1 32	25 14	2 12	9 23	1 27	22 56	0 18	19 0	0 16	2 12	0 44	20 10	1 38	10 31	11 29	12 0	11 59	17 46	17 56	5 25
F 23	20 31	19 21	4 46	24 5	1 39	25 9	2 13	9 14	1 26	22 56	0 18	19 0	0 16	2 12	0 44	20 10	1 38	10 31	11 29	12 4	12 0	17 43	17 56	5 25
S 24	20 42	23 33	5 0	24 26	1 46	25 4	2 14	9 4	1 24	22 57	0 18	19 1	0 17	2 11	0 43	20 9	1 38	10 32	11 29	12 8	12 1	17 41	17 56	5 25
S 25	20 53	26 28	4 56	24 43	1 52	24 58	2 15	8 54	1 22	22 57	0 18	19 1	0 17	2 11	0 43	20 9	1 38	10 32	11 29	12 12	12 2	17 38	17 56	5 25
M26	21 4	27 45	4 34	24 58	1 57	24 52	2 16	8 44	1 21	22 57	0 18	19 1	0 17	2 10	0 43	20 9	1 38	10 32	11 29	12 16	12 3	17 35	17 56	5 25
T 27	21 14	27 10	3 55	25 11	2 1	24 44	2 16	8 34	1 19	22 58	0 18	19 2	0 17	2 10	0 43	20 9	1 38	10 32	11 29	12 19	12 4	17 32	17 57	5 25
W28	21 24	24 45	3 0	25 21	2 5	24 37	2 17	8 23	1 17	22 58	0 18	19 2	0 17	2 10	0 43	20 8	1 38	10 33	11 29	12 21	12 5	17 30	17 57	5 25
T 29	21 34	20 44	1 54	25 28	2 8	24 28	2 18	8 13	1 16	22 59	0 18	19 2	0 17	2 9	0 43	20 8	1 38	10 33	11 29	12 22	12 6	17 27	17 57	5 25
F 30	21 43	15 32	0 40	25 33	2 10	24 19	2 18	8 2	1 14	22 59	0 18	19 3	0 17	2 9	0 43	20 8	1 38	10 33	11 29	12 22	12 7	17 24	17 57	5 25
S 31	21n52	9s32	0n35	25n36	2n11	24n 9	2n18	7n52	1n13	22s59	0n18	19s 3	0s17	2s 9	0n43	20s 8	1n38	10n33	11s29	12s22	12s 9	17n21	17n58	5s25

Julian Day Number = 2502068.5, Delta T = 114.01 sec
Ecliptic obliquity = 23°25'25, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°40'23, Lahiri = 25°47'24

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2138
geocentric

JUNE 2138 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 29	10♊28'22	17♓55	0♋20	21♋32	13♍13	6°R 2	5°R55	7°R 4	8°R45	9♊54	27°R23	28♒ 0	15♌20	26♊21	S 1
M 2	16 41 26	11°25'55	1♈45	1°56	22°40	13°38	5♑55	5♒53	7♎ 3	8♐43	9°55	27♒21	27°57	15°27	26°27	M 2
T 3	16 45 23	12°23'28	15°26	3°29	23°47	14° 3	5°49	5°52	7° 3	8°41	9°57	27°18	27°54	15°33	26°32	T 3
W 4	16 49 19	13°21'00	28°56	4°59	24°55	14°28	5°43	5°50	7° 2	8°40	9°58	27°12	27°50	15°40	26°37	W 4
T 5	16 53 16	14°18'30	12♉15	6°25	26° 2	14°53	5°36	5°48	7° 2	8°38	9°59	27° 3	27°47	15°47	26°43	T 5
F 6	16 57 12	15°16'00	25°22	7°49	27°10	15°19	5°29	5°46	7° 1	8°36	10° 1	26°52	27°44	15°53	26°48	F 6
S 7	17 1 9	16°13'30	8♊16	9°10	28°17	15°45	5°23	5°44	7° 1	8°35	10° 2	26°40	27°41	16° 0	26°54	S 7
S 8	17 5 5	17°10'58	20°57	10°27	29°24	16°11	5°16	5°42	7° 0	8°33	10° 3	26°28	27°38	16° 7	26°59	S 8
M 9	17 9 2	18° 8'25	3♋24	11°41	0♌30	16°37	5° 9	5°40	7° 0	8°32	10° 5	26°18	27°35	16°13	27° 4	M 9
T 10	17 12 58	19° 5'52	15°38	12°52	1°37	17° 4	5° 2	5°38	7° 0	8°30	10° 6	26° 9	27°31	16°20	27°10	T 10
W11	17 16 55	20° 3'17	27°40	14° 0	2°44	17°31	4°55	5°35	7° 0	8°28	10° 7	26° 3	27°28	16°27	27°15	W11
T 12	17 20 52	21° 0'42	9♌33	15° 4	3°50	17°58	4°47	5°33	6°59	8°27	10° 9	25°59	27°25	16°33	27°21	T 12
F 13	17 24 48	21°58'05	21°22	16° 5	4°56	18°26	4°40	5°30	6°59	8°25	10°10	25°D58	27°22	16°40	27°26	F 13
S 14	17 28 45	22°55'27	3♍ 9	17° 2	6° 2	18°53	4°33	5°28	6°D59	8°24	10°11	25°58	27°19	16°47	27°31	S 14
S 15	17 32 41	23°52'49	15° 0	17°56	7° 8	19°21	4°26	5°25	6°59	8°22	10°13	25°59	27°16	16°53	27°37	S 15
M16	17 36 38	24°50'09	27° 1	18°46	8°13	19°49	4°18	5°22	6°59	8°21	10°14	25°R59	27°12	17° 0	27°42	M16
T 17	17 40 34	25°47'28	9♎16	19°32	9°19	20°18	4°11	5°19	6°59	8°19	10°15	25°58	27° 9	17° 6	27°48	T 17
W18	17 44 31	26°44'47	21°51	20°14	10°24	20°46	4° 3	5°17	7° 0	8°18	10°17	25°55	27° 6	17°13	27°53	W18
T 19	17 48 27	27°42'05	4♏50	20°52	11°29	21°15	3°56	5°14	7° 0	8°16	10°18	25°50	27° 3	17°20	27°59	T 19
F 20	17 52 24	28°39'21	18°15	21°26	12°33	21°44	3°48	5°11	7° 0	8°15	10°19	25°43	27° 0	17°26	28° 4	F 20
S 21	17 56 21	29°36'38	2♐ 6	21°56	13°38	22°13	3°40	5° 7	7° 0	8°13	10°21	25°35	26°56	17°33	28°10	S 21
S 22	18 0 17	0♋33'53	16°21	22°22	14°42	22°43	3°33	5° 4	7° 1	8°12	10°22	25°26	26°53	17°40	28°15	S 22
M23	18 4 14	1°31'08	0♑56	22°43	15°46	23°12	3°25	5° 1	7° 1	8°10	10°23	25°18	26°50	17°46	28°21	M23
T 24	18 8 10	2°28'23	15°43	23° 0	16°50	23°42	3°17	4°58	7° 2	8° 9	10°25	25°12	26°47	17°53	28°26	T 24
W25	18 12 7	3°25'37	0♒35	23°12	17°53	24°12	3°10	4°54	7° 2	8° 7	10°26	25° 7	26°44	18° 0	28°32	W25
T 26	18 16 3	4°22'51	15°23	23°19	18°57	24°42	3° 2	4°51	7° 3	8° 6	10°27	25° 5	26°41	18° 6	28°37	T 26
F 27	18 20 0	5°20'04	0♓ 1	23°R22	20° 0	25°12	2°54	4°47	7° 3	8° 4	10°28	25°D 5	26°37	18°13	28°43	F 27
S 28	18 23 57	6°17'18	14°25	23°21	21° 2	25°43	2°47	4°44	7° 4	8° 3	10°30	25° 6	26°34	18°20	28°48	S 28
S 29	18 27 53	7°14'31	28°32	23°15	22° 5	26°13	2°39	4°40	7° 5	8° 2	10°31	25° 7	26°31	18°26	28°53	S 29
M30	18 31 50	8♋11'45	12♈22	23♋ 4	23♌ 7	26♍44	2♑31	4♒36	7♎ 6	8♐ 0	10♊32	25°R 7	26♒28	18♌33	28♊59	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 0	3s 8	1n47	25n37	2n12	23n59	2n19	7n41	1n11	23s 0	0n17	19s 4	0s17	2s 9	0n43	20s 7	1n38	10n33	11s29	12s22	12s10	17n18	17n58	5s25
M 2	22 8	3n19	2 51	25 36	2 12	23 48	2 19	7 30	1 10	23 0	0 17	19 4	0 18	2 8	0 43	20 7	1 38	10 34	11 29	12 23	12 11	17 16	17 58	5 25
T 3	22 16	9 32	3 46	25 33	2 10	23 37	2 19	7 19	1 8	23 0	0 17	19 5	0 18	2 8	0 43	20 7	1 38	10 34	11 29	12 24	12 12	17 13	17 58	5 25
W 4	22 23	15 14	4 26	25 28	2 9	23 25	2 19	7 8	1 6	23 1	0 17	19 5	0 18	2 8	0 43	20 7	1 38	10 34	11 29	12 26	12 13	17 10	17 58	5 25
T 5	22 30	20 8	4 52	25 22	2 6	23 12	2 19	6 57	1 5	23 1	0 17	19 6	0 18	2 8	0 43	20 6	1 38	10 34	11 29	12 29	12 14	17 7	17 58	5 25
F 6	22 37	23 58	5 2	25 14	2 2	22 59	2 19	6 46	1 4	23 2	0 17	19 6	0 18	2 8	0 43	20 6	1 38	10 35	11 29	12 33	12 15	17 4	17 58	5 25
S 7	22 43	26 32	4 56	25 4	1 58	22 45	2 18	6 34	1 2	23 2	0 17	19 7	0 18	2 7	0 43	20 6	1 38	10 35	11 29	12 37	12 16	17 2	17 59	5 25
S 8	22 48	27 41	4 35	24 53	1 53	22 31	2 18	6 23	1 1	23 2	0 17	19 8	0 18	2 7	0 43	20 6	1 38	10 35	11 29	12 41	12 17	16 59	17 59	5 25
M 9	22 54	27 24	4 2	24 41	1 47	22 16	2 17	6 11	0 59	23 3	0 17	19 8	0 18	2 7	0 43	20 5	1 38	10 35	11 29	12 45	12 18	16 56	17 59	5 25
T 10	22 59	25 47	3 17	24 28	1 40	22 0	2 16	5 59	0 58	23 3	0 16	19 9	0 18	2 7	0 43	20 5	1 38	10 35	11 29	12 48	12 19	16 53	17 59	5 25
W11	23 3	22 59	2 25	24 14	1 33	21 44	2 16	5 48	0 56	23 4	0 16	19 10	0 19	2 7	0 43	20 5	1 38	10 35	11 29	12 50	12 21	16 50	17 59	5 25
T 12	23 7	19 14	1 26	23 59	1 25	21 28	2 15	5 36	0 55	23 4	0 16	19 10	0 19	2 7	0 43	20 5	1 38	10 36	11 29	12 51	12 22	16 48	17 59	5 25
F 13	23 11	14 46	0 25	23 43	1 16	21 11	2 14	5 24	0 54	23 4	0 16	19 11	0 19	2 7	0 43	20 5	1 38	10 36	11 29	12 51	12 23	16 45	17 59	5 25
S 14	23 14	9 45	0s38	23 26	1 6	20 53	2 13	5 12	0 52	23 5	0 16	19 12	0 19	2 7	0 43	20 4	1 38	10 36	11 29	12 51	12 24	16 42	17 59	5 25
S 15	23 17	4 22	1 40	23 9	0 56	20 36	2 11	4 59	0 51	23 5	0 16	19 13	0 19	2 7	0 43	20 4	1 38	10 36	11 29	12 51	12 25	16 39	17 59	5 25
M16	23 19	1s14	2 38	22 51	0 45	20 17	2 10	4 47	0 49	23 5	0 16	19 13	0 19	2 7	0 43	20 4	1 38	10 36	11 29	12 51	12 26	16 36	17 59	5 25
T 17	23 21	6 54	3 30	22 33	0 34	19 58	2 8	4 35	0 48	23 6	0 16	19 14	0 19	2 7	0 42	20 4	1 38	10 36	11 29	12 51	12 27	16 33	17 59	5 25
W18	23 23	12 26	4 14	22 15	0 21	19 39	2 7	4 22	0 47	23 6	0 16	19 15	0 19	2 7	0 42	20 3	1 38	10 37	11 29	12 52	12 28	16 30	17 59	5 25
T 19	23 24	17 36	4 46	21 57	0 8	19 20	2 5	4 10	0 46	23 7	0 15	19 16	0 19	2 8	0 42	20 3	1 38	10 37	11 29	12 54	12 29	16 28	17 59	5 25
F 20	23 25	22 6	5 3	21 38	0s 5	18 59	2 3	3 57	0 44	23 7	0 15	19 17	0 19	2 8	0 42	20 3	1 38	10 37	11 29	12 56	12 30	16 25	17 59	5 25
S 21	23 25	25 31	5 4	21 19	0 19	18 39	2 1	3 45	0 43	23 7	0 15	19 17	0 20	2 8	0 42	20 3	1 38	10 37	11 29	12 59	12 31	16 22	17 59	5 25
S 22	23 25	27 28	4 46	21 1	0 34	18 18	1 59	3 32	0 42	23 8	0 15	19 18	0 20	2 8	0 42	20 3	1 38	10 37	11 29	13 2	12 33	16 19	17 59	5 25
M23	23 25	27 34	4 9	20 43	0 49	17 57	1 56	3 19	0 40	23 8	0 15	19 19	0 20	2 8	0 42	20 2	1 38	10 37	11 29	13 5	12 34	16 16	17 59	5 25
T 24	23 24	25 44	3 15	20 25	1 4	17 35	1 54	3 6	0 39	23 8	0 15	19 20	0 20	2 9	0 42	20 2	1 38	10 37	11 29	13 7	12 35	16 13	17 59	5 25
W25	23 23	22 6	2 8	20 7	1 20	17 13	1 51	2 53	0 38	23 9	0 15	19 21	0 20	2 9	0 42	20 2	1 38	10 37	11 29	13 8	12 36	16 10	17 59	5 26
T 26	23 21	17 3	0 52	19 50	1 36	16 51	1 49	2 40	0 37	23 9	0 14	19 22	0 20	2 9	0 42	20 2	1 38	10 38	11 29	13 9	12 37	16 8	17 59	5 26
F 27	23 19	11 3	0n27	19 34	1 52	16 29	1 46	2 27	0 36	23 9	0 14	19 23	0 20	2 9	0 42	20 2	1 38	10 38	11 29	13 9	12 38	16 5	17 59	5 26
S 28	23 16	4 33	1 42	19 18	2 8	16 6	1 43	2 14	0 34	23 9	0 14	19 24	0 20	2 10	0 42	20 1	1 38	10 38	11 29	13 9	12 39	16 2	17 59	5 26
S 29	23 14	2n 2	2 51	19 3	2 24	15 43	1 40	2 0	0 33	23 10	0 14	19 25	0 20	2 10	0 42	20 1	1 38	10 38	11 29	13 9	12 40	15 59	17 59	5 26
M30	23n10	8n22	3n47	18n49	2s40	15n19	1n36	1n47	0n32	23s10	0n14	19s26	0s21	2s10	0n42	20s 1	1n38	10n38	11s29	13s 8	12s41	15n56	17n59	5s26

Julian Day Number = 2502099.5, Delta T = 114.06 sec
Ecliptic obliquity = 23°25'24, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°40'28, Lahiri = 25°47'28

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ASTRODIENST EPHEMERIS for the year 2138
geocentric

JULY 2138 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 46	9♋ 8'59	25♈54	22°R49	24♌ 9	27♍15	2°R24	4°R33	7♎ 7	7°R59	10♊33	25°R 6	26♒25	18♌40	29♊ 4	T 1
W 2	18 39 43	10° 6'12	9♉11	22♋30	25°10	27°46	2♏16	4♒29	7° 7	7♐58	10°35	25♒ 2	26°22	18°46	29°10	W 2
T 3	18 43 39	11° 3'26	22°12	22° 8	26°12	28°18	2° 9	4°25	7° 8	7°56	10°36	24°57	26°18	18°53	29°15	T 3
F 4	18 47 36	12° 0'40	5♊ 0	21°41	27°13	28°49	2° 1	4°21	7° 9	7°55	10°37	24°51	26°15	18°59	29°21	F 4
S 5	18 51 32	12°57'54	17°35	21°12	28°13	29°21	1°54	4°17	7°10	7°54	10°38	24°44	26°12	19° 6	29°26	S 5
S 6	18 55 29	13°55'08	29°58	20°40	29°14	29°53	1°46	4°13	7°12	7°53	10°39	24°36	26° 9	19°13	29°31	S 6
M 7	18 59 26	14°52'22	12♋11	20° 6	0♍14	0♎25	1°39	4° 9	7°13	7°51	10°41	24°30	26° 6	19°19	29°37	M 7
T 8	19 3 22	15°49'36	24°14	19°30	1°13	0°57	1°32	4° 5	7°14	7°50	10°42	24°25	26° 2	19°26	29°42	T 8
W 9	19 7 19	16°46'50	6♌ 9	18°53	2°13	1°30	1°25	4° 1	7°15	7°49	10°43	24°21	25°59	19°33	29°47	W 9
T 10	19 11 15	17°44'04	17°58	18°15	3°12	2° 2	1°17	3°57	7°16	7°48	10°44	24°19	25°56	19°39	29°53	T 10
F 11	19 15 12	18°41'18	29°45	17°38	4°10	2°35	1°10	3°53	7°18	7°47	10°45	24°D19	25°53	19°46	29°58	F 11
S 12	19 19 8	19°38'32	11♍32	17° 1	5° 8	3° 8	1° 3	3°49	7°19	7°46	10°46	24°20	25°50	19°53	0♋ 3	S 12
S 13	19 23 5	20°35'45	23°23	16°26	6° 6	3°41	0°57	3°44	7°21	7°44	10°47	24°22	25°47	19°59	0° 9	S 13
M14	19 27 1	21°32'59	5♎24	15°53	7° 3	4°14	0°50	3°40	7°22	7°43	10°48	24°24	25°43	20° 6	0°14	M14
T 15	19 30 58	22°30'12	17°38	15°23	8° 0	4°47	0°43	3°36	7°24	7°42	10°49	24°R25	25°40	20°13	0°19	T 15
W16	19 34 55	23°27'26	0♏11	14°55	8°57	5°20	0°37	3°31	7°25	7°41	10°51	24°25	25°37	20°19	0°24	W16
T 17	19 38 51	24°24'39	13° 7	14°32	9°53	5°54	0°30	3°27	7°27	7°40	10°52	24°23	25°34	20°26	0°29	T 17
F 18	19 42 48	25°21'53	26°29	14°13	10°48	6°28	0°24	3°23	7°29	7°39	10°53	24°21	25°31	20°32	0°35	F 18
S 19	19 46 44	26°19'07	10♐19	13°58	11°43	7° 2	0°17	3°18	7°30	7°38	10°54	24°17	25°28	20°39	0°40	S 19
S 20	19 50 41	27°16'21	24°36	13°48	12°37	7°36	0°11	3°14	7°32	7°38	10°55	24°13	25°24	20°46	0°45	S 20
M21	19 54 37	28°13'35	9♑16	13°D44	13°31	8°10	0° 5	3°10	7°34	7°37	10°56	24°10	25°21	20°52	0°50	M21
T 22	19 58 34	29°10'49	24°14	13°44	14°24	8°44	29♐59	3° 5	7°36	7°36	10°57	24° 7	25°18	20°59	0°55	T 22
W23	20 2 30	0♌ 8'04	9♒21	13°51	15°17	9°18	29°54	3° 1	7°38	7°35	10°58	24° 5	25°15	21° 6	1° 0	W23
T 24	20 6 27	1° 5'20	24°27	14° 3	16° 9	9°53	29°48	2°56	7°40	7°34	10°59	24°D 5	25°12	21°12	1° 5	T 24
F 25	20 10 24	2° 2'35	9♓25	14°21	17° 0	10°27	29°43	2°52	7°42	7°33	10°59	24° 5	25° 8	21°19	1°10	F 25
S 26	20 14 20	2°59'52	24° 7	14°44	17°51	11° 2	29°37	2°47	7°44	7°33	11° 0	24° 6	25° 5	21°26	1°15	S 26
S 27	20 18 17	3°57'10	8♈27	15°13	18°41	11°37	29°32	2°43	7°46	7°32	11° 1	24° 8	25° 2	21°32	1°20	S 27
M28	20 22 13	4°54'28	22°25	15°49	19°31	12°12	29°27	2°38	7°48	7°31	11° 2	24° 9	24°59	21°39	1°25	M28
T 29	20 26 10	5°51'47	6♉ 0	16°30	20°19	12°47	29°22	2°34	7°50	7°30	11° 3	24°R 9	24°56	21°46	1°29	T 29
W30	20 30 6	6°49'08	19°12	17°17	21° 7	13°22	29°17	2°30	7°53	7°30	11° 4	24° 9	24°53	21°52	1°34	W30
T 31	20 34 3	7♌46'29	2♊ 5	18♋ 9	21♍54	13♎58	29♐13	2♒25	7♎55	7♐29	11♊ 5	24♒ 8	24♒49	21♌59	1♋39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 6	14n11	4n30	18n36	2s56	14n55	1n33	1n34	0n31	23s10	0n14	19s27	0s21	2s11	0n42	20s 1	1n38	10n38	11s29	13s 9	12s42	15n53	17n59	5s26
W 2	23 2	19 14	4 57	18 24	3 11	14 31	1 29	1 20	0 30	23 11	0 14	19 28	0 21	2 11	0 42	20 1	1 38	10 38	11 30	13 10	12 43	15 50	17 59	5 26
T 3	22 58	23 16	5 9	18 13	3 26	14 7	1 26	1 7	0 29	23 11	0 13	19 29	0 21	2 12	0 42	20 1	1 38	10 38	11 30	13 12	12 44	15 47	17 59	5 27
F 4	22 53	26 6	5 4	18 3	3 40	13 43	1 22	0 53	0 27	23 11	0 13	19 30	0 21	2 12	0 42	20 0	1 38	10 38	11 30	13 14	12 45	15 44	17 59	5 27
S 5	22 48	27 34	4 45	17 55	3 53	13 18	1 18	0 40	0 26	23 11	0 13	19 31	0 21	2 12	0 42	20 0	1 38	10 38	11 30	13 16	12 47	15 41	17 58	5 27
S 6	22 42	27 38	4 13	17 47	4 6	12 53	1 14	0 26	0 25	23 12	0 13	19 32	0 21	2 13	0 42	20 0	1 38	10 38	11 30	13 19	12 48	15 39	17 58	5 27
M 7	22 36	26 20	3 29	17 41	4 17	12 28	1 9	0 12	0 24	23 12	0 13	19 33	0 21	2 13	0 42	20 0	1 38	10 39	11 30	13 21	12 49	15 36	17 58	5 27
T 8	22 29	23 49	2 36	17 37	4 27	12 3	1 5	0s 2	0 23	23 12	0 13	19 34	0 21	2 14	0 42	20 0	1 38	10 39	11 30	13 23	12 50	15 33	17 58	5 27
W 9	22 22	20 18	1 38	17 33	4 35	11 37	1 0	0 16	0 22	23 12	0 13	19 35	0 21	2 14	0 42	20 0	1 38	10 39	11 30	13 24	12 51	15 30	17 58	5 28
T 10	22 15	15 59	0 35	17 31	4 42	11 11	0 56	0 30	0 21	23 13	0 12	19 36	0 22	2 15	0 41	19 59	1 38	10 39	11 30	13 24	12 52	15 27	17 58	5 28
F 11	22 7	11 5	0s30	17 31	4 48	10 46	0 51	0 43	0 20	23 13	0 12	19 37	0 22	2 16	0 41	19 59	1 37	10 39	11 30	13 24	12 53	15 24	17 57	5 28
S 12	21 59	5 48	1 33	17 31	4 51	10 20	0 46	0 57	0 19	23 13	0 12	19 38	0 22	2 16	0 41	19 59	1 37	10 39	11 30	13 24	12 54	15 21	17 57	5 28
S 13	21 51	0 17	2 32	17 33	4 54	9 54	0 40	1 12	0 18	23 13	0 12	19 39	0 22	2 17	0 41	19 59	1 37	10 39	11 31	13 23	12 55	15 18	17 57	5 28
M14	21 42	5s18	3 26	17 36	4 54	9 28	0 35	1 26	0 17	23 13	0 12	19 41	0 22	2 17	0 41	19 59	1 37	10 39	11 31	13 23	12 56	15 15	17 57	5 29
T 15	21 33	10 47	4 12	17 41	4 53	9 1	0 30	1 40	0 15	23 14	0 12	19 42	0 22	2 18	0 41	19 59	1 37	10 39	11 31	13 23	12 57	15 12	17 56	5 29
W16	21 23	16 0	4 46	17 46	4 51	8 35	0 24	1 54	0 14	23 14	0 12	19 43	0 22	2 19	0 41	19 59	1 37	10 39	11 31	13 23	12 58	15 9	17 56	5 29
T 17	21 13	20 39	5 8	17 53	4 47	8 9	0 18	2 8	0 13	23 14	0 11	19 44	0 22	2 19	0 41	19 59	1 37	10 39	11 31	13 23	12 59	15 6	17 56	5 29
F 18	21 3	24 26	5 13	18 1	4 41	7 42	0 12	2 22	0 12	23 14	0 11	19 45	0 22	2 20	0 41	19 58	1 37	10 39	11 31	13 24	13 1	15 3	17 56	5 30
S 19	20 52	26 57	5 2	18 9	4 34	7 16	0 6	2 37	0 11	23 14	0 11	19 46	0 22	2 21	0 41	19 58	1 37	10 39	11 31	13 25	13 2	15 0	17 55	5 30
S 20	20 41	27 50	4 31	18 18	4 26	6 49	0s 0	2 51	0 10	23 14	0 11	19 47	0 22	2 22	0 41	19 58	1 37	10 39	11 32	13 26	13 3	14 58	17 55	5 30
M21	20 30	26 47	3 42	18 28	4 16	6 23	0 7	3 5	0 9	23 15	0 11	19 48	0 23	2 22	0 41	19 58	1 37	10 39	11 32	13 27	13 4	14 55	17 55	5 30
T 22	20 18	23 50	2 37	18 38	4 6	5 56	0 13	3 20	0 8	23 15	0 11	19 49	0 23	2 23	0 41	19 58	1 37	10 39	11 32	13 28	13 5	14 52	17 55	5 31
W23	20 6	19 12	1 20	18 49	3 54	5 29	0 20	3 34	0 7	23 15	0 11	19 50	0 23	2 24	0 41	19 58	1 37	10 39	11 32	13 29	13 6	14 49	17 54	5 31
T 24	19 54	13 20	0n 2	19 0	3 42	5 3	0 27	3 49	0 7	23 15	0 10	19 52	0 23	2 25	0 41	19 58	1 37	10 39	11 32	13 29	13 7	14 46	17 54	5 31
F 25	19 42	6 44	1 24	19 11	3 29	4 37	0 34	4 3	0 6	23 15	0 10	19 53	0 23	2 26	0 41	19 58	1 37	10 39	11 32	13 29	13 8	14 43	17 54	5 31
S 26	19 29	0n 5	2 38	19 22	3 16	4 10	0 41	4 18	0 5	23 15	0 10	19 54	0 23	2 26	0 41	19 58	1 37	10 39	11 32	13 29	13 9	14 40	17 53	5 32
S 27	19 15	6 44	3 41	19 33	3 2	3 44	0 48	4 32	0 4	23 15	0 10	19 55	0 23	2 27	0 41	19 58	1 37	10 39	11 33	13 28	13 10	14 37	17 53	5 32
M28	19 2	12 53	4 29	19 43	2 47	3 18	0 56	4 47	0 3	23 16	0 10	19 56	0 23	2 28	0 41	19 58	1 37	10 39	11 33	13 28	13 11	14 34	17 53	5 32
T 29	18 48	18 14	5 0	19 53	2 32	2 51	1 4	5 1	0 2	23 16	0 10	19 57	0 23	2 29	0 41	19 58	1 37	10 39	11 33	13 28	13 12	14 31	17 52	5 33
W30	18 33	22 33	5 15	20 2	2 17	2 25	1 12	5 16	0 1	23 16	0 9	19 58	0 23	2 30	0 41	19 57	1 37	10 38	11 33	13 28	13 13	14 28	17 52	5 33
T 31	18n19	25n40	5n13	20n11	2s 2	1n59	1s20	5s30	0s 0	23s16	0n 9	19s59	0s23	2s31	0n41	19s57	1n37	10n38	11s33	13s28	13s14	14n25	17n52	5s33

Julian Day Number = 2502129.5, Delta T = 114.11 sec
Ecliptic obliquity = 23°25'24, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°40'32, Lahiri = 25°47'32

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ASTRODIENST EPHEMERIS for the year 2138
geocentric

AUGUST 2138 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 37 59	8♌43'51	14♊40	19♋ 7	22♍41	14♎33	29°R 8	2°R21	7♎57	7°R29	11♊ 5	24°R 6	24♒46	22♌ 6	1♋44	F 1
S 2	20 41 56	9°41'15	27° 1	20°11	23°26	15° 9	29♐ 4	2♒16	8° 0	7♐28	11° 6	24♒ 4	24°43	22°12	1°49	S 2
S 3	20 45 53	10°38'39	9♋11	21°20	24°11	15°45	29° 0	2°12	8° 2	7°28	11° 7	24° 2	24°40	22°19	1°53	S 3
M 4	20 49 49	11°36'05	21°12	22°34	24°55	16°21	28°56	2° 8	8° 5	7°27	11° 8	24° 0	24°37	22°25	1°58	M 4
T 5	20 53 46	12°33'31	3♌ 5	23°54	25°38	16°57	28°52	2° 3	8° 7	7°27	11° 9	23°59	24°34	22°32	2° 2	T 5
W 6	20 57 42	13°30'58	14°55	25°18	26°20	17°33	28°49	1°59	8°10	7°26	11° 9	23°58	24°30	22°39	2° 7	W 6
T 7	21 1 39	14°28'26	26°42	26°47	27° 0	18° 9	28°45	1°55	8°12	7°26	11°10	23°D58	24°27	22°45	2°12	T 7
F 8	21 5 35	15°25'55	8♍29	28°21	27°40	18°45	28°42	1°50	8°15	7°25	11°11	23°58	24°24	22°52	2°16	F 8
S 9	21 9 32	16°23'25	20°18	29°59	28°19	19°22	28°39	1°46	8°17	7°25	11°11	23°59	24°21	22°59	2°20	S 9
S 10	21 13 28	17°20'55	2♎14	1♌40	28°57	19°58	28°36	1°42	8°20	7°25	11°12	24° 0	24°18	23° 5	2°25	S 10
M11	21 17 25	18°18'27	14°18	3°26	29°33	20°35	28°33	1°38	8°23	7°24	11°13	24° 0	24°14	23°12	2°29	M11
T 12	21 21 22	19°15'59	26°34	5°15	0♎ 8	21°12	28°30	1°34	8°26	7°24	11°13	24° 1	24°11	23°19	2°33	T 12
W13	21 25 18	20°13'32	9♏ 7	7° 6	0°42	21°49	28°28	1°30	8°28	7°24	11°14	24° 1	24° 8	23°25	2°38	W13
T 14	21 29 15	21°11'06	22° 0	9° 1	1°15	22°26	28°26	1°26	8°31	7°24	11°14	24°R 1	24° 5	23°32	2°42	T 14
F 15	21 33 11	22° 8'41	5♐16	10°57	1°46	23° 3	28°24	1°22	8°34	7°24	11°15	24° 1	24° 2	23°39	2°46	F 15
S 16	21 37 8	23° 6'17	18°57	12°55	2°16	23°40	28°22	1°18	8°37	7°24	11°16	24° 1	23°59	23°45	2°50	S 16
S 17	21 41 4	24° 3'54	3♑ 5	14°55	2°44	24°17	28°20	1°14	8°40	7°23	11°16	24°D 1	23°55	23°52	2°54	S 17
M18	21 45 1	25° 1'32	17°38	16°55	3°11	24°55	28°19	1°10	8°43	7°23	11°17	24° 1	23°52	23°58	2°58	M18
T 19	21 48 58	25°59'10	2♒31	18°57	3°36	25°32	28°18	1° 6	8°46	7°D23	11°17	24° 1	23°49	24° 5	3° 2	T 19
W20	21 52 54	26°56'50	17°39	20°58	4° 0	26°10	28°17	1° 2	8°49	7°23	11°18	24°R 1	23°46	24°12	3° 6	W20
T 21	21 56 51	27°54'31	2♓51	23° 0	4°21	26°48	28°16	0°58	8°52	7°23	11°18	24° 1	23°43	24°18	3°10	T 21
F 22	22 0 47	28°52'14	18° 0	25° 2	4°41	27°26	28°15	0°55	8°55	7°23	11°18	24° 1	23°39	24°25	3°14	F 22
S 23	22 4 44	29°49'57	2♈55	27° 3	4°59	28° 4	28°15	0°51	8°58	7°24	11°19	24° 0	23°36	24°32	3°18	S 23
S 24	22 8 40	0♍47'43	17°29	29° 3	5°16	28°42	28°14	0°48	9° 1	7°24	11°19	24° 0	23°33	24°38	3°21	S 24
M25	22 12 37	1°45'30	1♉38	1♍ 3	5°30	29°20	28°D14	0°44	9° 5	7°24	11°20	23°59	23°30	24°45	3°25	M25
T 26	22 16 33	2°43'18	15°21	3° 3	5°42	29°58	28°14	0°41	9° 8	7°24	11°20	23°58	23°27	24°52	3°28	T 26
W27	22 20 30	3°41'09	28°37	5° 1	5°53	0♏36	28°14	0°37	9°11	7°24	11°20	23°D58	23°24	24°58	3°32	W27
T 28	22 24 26	4°39'01	11♊28	6°58	6° 1	1°15	28°15	0°34	9°14	7°25	11°21	23°58	23°20	25° 5	3°35	T 28
F 29	22 28 23	5°36'55	23°59	8°54	6° 7	1°53	28°15	0°31	9°18	7°25	11°21	23°58	23°17	25°12	3°39	F 29
S 30	22 32 20	6°34'51	6♋14	10°48	6°10	2°32	28°16	0°28	9°21	7°25	11°21	23°59	23°14	25°18	3°42	S 30
S 31	22 36 16	7♍32'49	18♋16	12♍42	6°R12	3♏11	28♐17	0♒25	9♎24	7♐26	11♊21	24♒ 1	23♒11	25♌25	3♋45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n 4	27n27	4n56	20n18	1s47	1n34	1s28	5s45	0s 1	23s16	0n 9	20s 0	0s24	2s32	0n41	19s57	1n36	10n38	11s33	13s29	13s15	14n22	17n51	5s34
S 2	17 49	27 49	4 26	20 24	1 31	1 8	1 36	5 59	0 2	23 16	0 9	20 1	0 24	2 33	0 41	19 57	1 36	10 38	11 34	13 30	13 16	14 19	17 51	5 34
S 3	17 33	26 49	3 43	20 29	1 16	0 42	1 45	6 14	0 3	23 16	0 9	20 2	0 24	2 34	0 41	19 57	1 36	10 38	11 34	13 30	13 18	14 16	17 50	5 34
M 4	17 18	24 35	2 52	20 32	1 1	0 17	1 53	6 29	0 4	23 16	0 9	20 4	0 24	2 35	0 41	19 57	1 36	10 38	11 34	13 31	13 19	14 13	17 50	5 35
T 5	17 2	21 17	1 53	20 33	0 47	0s 8	2 2	6 43	0 4	23 17	0 9	20 5	0 24	2 36	0 41	19 57	1 36	10 38	11 34	13 31	13 20	14 10	17 50	5 35
W 6	16 45	17 9	0 50	20 32	0 32	0 33	2 11	6 58	0 5	23 17	0 8	20 6	0 24	2 37	0 40	19 57	1 36	10 38	11 34	13 31	13 21	14 7	17 49	5 35
T 7	16 29	12 22	0s15	20 29	0 19	0 57	2 20	7 13	0 6	23 17	0 8	20 7	0 24	2 38	0 40	19 57	1 36	10 38	11 34	13 31	13 22	14 4	17 49	5 36
F 8	16 12	7 9	1 20	20 24	0 5	1 22	2 30	7 27	0 7	23 17	0 8	20 8	0 24	2 39	0 40	19 57	1 36	10 38	11 35	13 31	13 23	14 1	17 48	5 36
S 9	15 55	1 40	2 21	20 16	0n 8	1 46	2 39	7 42	0 8	23 17	0 8	20 9	0 24	2 40	0 40	19 57	1 36	10 38	11 35	13 31	13 24	13 58	17 48	5 36
S 10	15 37	3s54	3 17	20 6	0 20	2 10	2 49	7 56	0 9	23 17	0 8	20 10	0 24	2 41	0 40	19 57	1 36	10 38	11 35	13 31	13 25	13 55	17 47	5 37
M11	15 20	9 23	4 5	19 53	0 31	2 33	2 58	8 11	0 10	23 17	0 8	20 11	0 24	2 42	0 40	19 57	1 36	10 38	11 35	13 31	13 26	13 52	17 47	5 37
T 12	15 2	14 37	4 42	19 38	0 42	2 56	3 8	8 26	0 10	23 17	0 7	20 12	0 24	2 43	0 40	19 57	1 36	10 37	11 35	13 31	13 27	13 49	17 46	5 37
W13	14 44	19 22	5 7	19 19	0 52	3 19	3 18	8 40	0 11	23 18	0 7	20 13	0 24	2 44	0 40	19 57	1 36	10 37	11 36	13 30	13 28	13 46	17 46	5 38
T 14	14 26	23 22	5 18	18 59	1 1	3 41	3 28	8 55	0 12	23 18	0 7	20 14	0 25	2 46	0 40	19 57	1 36	10 37	11 36	13 30	13 29	13 43	17 46	5 38
F 15	14 7	26 16	5 12	18 35	1 10	4 3	3 39	9 9	0 13	23 18	0 7	20 15	0 25	2 47	0 40	19 57	1 36	10 37	11 36	13 30	13 30	13 40	17 45	5 39
S 16	13 48	27 45	4 48	18 9	1 17	4 24	3 49	9 24	0 14	23 18	0 7	20 16	0 25	2 48	0 40	19 57	1 36	10 37	11 36	13 30	13 31	13 37	17 45	5 39
S 17	13 29	27 30	4 7	17 41	1 24	4 45	4 0	9 38	0 15	23 18	0 7	20 16	0 25	2 49	0 40	19 57	1 36	10 37	11 36	13 30	13 32	13 34	17 44	5 39
M18	13 10	25 23	3 9	17 10	1 29	5 6	4 10	9 53	0 15	23 18	0 7	20 17	0 25	2 50	0 40	19 57	1 36	10 37	11 37	13 30	13 33	13 31	17 44	5 40
T 19	12 51	21 29	1 57	16 37	1 34	5 26	4 21	10 7	0 16	23 18	0 6	20 18	0 25	2 52	0 40	19 58	1 35	10 37	11 37	13 30	13 34	13 28	17 43	5 40
W20	12 31	16 6	0 35	16 3	1 38	5 45	4 32	10 22	0 17	23 18	0 6	20 19	0 25	2 53	0 40	19 58	1 35	10 36	11 37	13 30	13 35	13 25	17 43	5 41
T 21	12 12	9 41	0n49	15 26	1 41	6 3	4 43	10 36	0 18	23 19	0 6	20 20	0 25	2 54	0 40	19 58	1 35	10 36	11 37	13 30	13 36	13 22	17 42	5 41
F 22	11 52	2 45	2 9	14 48	1 43	6 22	4 54	10 50	0 18	23 19	0 6	20 21	0 25	2 55	0 40	19 58	1 35	10 36	11 37	13 30	13 38	13 19	17 42	5 42
S 23	11 31	4n13	3 20	14 8	1 45	6 39	5 5	11 5	0 19	23 19	0 6	20 22	0 25	2 56	0 40	19 58	1 35	10 36	11 38	13 31	13 39	13 16	17 41	5 42
S 24	11 11	10 47	4 15	13 27	1 46	6 56	5 16	11 19	0 20	23 19	0 6	20 23	0 25	2 58	0 40	19 58	1 35	10 36	11 38	13 31	13 40	13 12	17 40	5 42
M25	10 51	16 37	4 54	12 44	1 46	7 11	5 27	11 33	0 21	23 19	0 6	20 23	0 25	2 59	0 40	19 58	1 35	10 36	11 38	13 31	13 41	13 9	17 40	5 43
T 26	10 30	21 25	5 14	12 1	1 45	7 27	5 38	11 47	0 21	23 19	0 5	20 24	0 25	3 0	0 40	19 58	1 35	10 35	11 38	13 31	13 42	13 6	17 39	5 43
W27	10 9	24 59	5 16	11 17	1 44	7 41	5 50	12 1	0 22	23 19	0 5	20 25	0 25	3 2	0 40	19 58	1 35	10 35	11 38	13 31	13 43	13 3	17 39	5 44
T 28	9 48	27 8	5 3	10 32	1 42	7 54	6 1	12 16	0 23	23 20	0 5	20 26	0 25	3 3	0 40	19 58	1 35	10 35	11 39	13 31	13 44	13 0	17 38	5 44
F 29	9 27	27 52	4 35	9 46	1 40	8 7	6 12	12 30	0 24	23 20	0 5	20 27	0 25	3 4	0 40	19 58	1 35	10 35	11 39	13 31	13 45	12 57	17 38	5 45
S 30	9 5	27 12	3 55	9 0	1 37	8 18	6 23	12 44	0 24	23 20	0 5	20 27	0 26	3 6	0 40	19 58	1 35	10 35	11 39	13 31	13 46	12 54	17 37	5 45
S 31	8n44	25n15	3n 6	8n14	1n33	8s29	6s33	12s58	0s25	23s20	0n 5	20s28	0s26	3s 7	0n40	19s59	1n35	10n35	11s39	13s31	13s47	12n51	17n37	5s46

Julian Day Number = 2502160.5, Delta T = 114.16 sec
Ecliptic obliquity = 23°25'24, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°40'36, Lahiri = 25°47'36

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2138
geocentric

SEPTEMBER 2138 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 40 13	8♍30'48	0♌ 9	14♍34	6°R11	3♏50	28♐18	0°R22	9♎28	7♐26	11♊22	24♒ 2	23♒ 8	25♌32	3♋49	M 1
T 2	22 44 9	9°28'49	11°57	16°25	6♎ 8	4°29	28°20	0♒19	9°31	7°26	11°22	24° 3	23° 5	25°38	3°52	T 2
W 3	22 48 6	10°26'51	23°44	18°15	6° 3	5° 8	28°21	0°16	9°34	7°27	11°22	24°R 3	23° 1	25°45	3°55	W 3
T 4	22 52 2	11°24'56	5♍32	20° 4	5°55	5°47	28°23	0°13	9°38	7°27	11°22	24° 3	22°58	25°51	3°58	T 4
F 5	22 55 59	12°23'02	17°23	21°51	5°45	6°26	28°25	0°10	9°41	7°28	11°22	24° 1	22°55	25°58	4° 1	F 5
S 6	22 59 55	13°21'09	29°19	23°37	5°32	7° 5	28°27	0° 8	9°45	7°28	11°22	23°59	22°52	26° 5	4° 4	S 6
S 7	23 3 52	14°19'19	11♎23	25°22	5°17	7°45	28°29	0° 5	9°48	7°29	11°22	23°56	22°49	26°11	4° 7	S 7
M 8	23 7 49	15°17'29	23°37	27° 5	5° 0	8°24	28°32	0° 3	9°52	7°30	11°23	23°53	22°45	26°18	4°10	M 8
T 9	23 11 45	16°15'42	6♏ 2	28°48	4°40	9° 4	28°34	0° 0	9°55	7°30	11°23	23°49	22°42	26°25	4°12	T 9
W10	23 15 42	17°13'56	18°40	0♎29	4°18	9°44	28°37	29♑58	9°59	7°31	11°23	23°47	22°39	26°31	4°15	W10
T 11	23 19 38	18°12'11	1♐35	2° 9	3°54	10°24	28°40	29°56	10° 2	7°32	11°R23	23°45	22°36	26°38	4°17	T 11
F 12	23 23 35	19°10'28	14°48	3°48	3°28	11° 3	28°43	29°54	10° 6	7°32	11°23	23°D44	22°33	26°45	4°20	F 12
S 13	23 27 31	20° 8'47	28°22	5°26	3° 0	11°43	28°47	29°52	10°10	7°33	11°23	23°44	22°30	26°51	4°22	S 13
S 14	23 31 28	21° 7'07	12♑17	7° 2	2°31	12°24	28°50	29°50	10°13	7°34	11°22	23°45	22°26	26°58	4°25	S 14
M15	23 35 24	22° 5'29	26°34	8°38	1°59	13° 4	28°54	29°48	10°17	7°35	11°22	23°46	22°23	27° 5	4°27	M15
T 16	23 39 21	23° 3'52	11♒12	10°12	1°27	13°44	28°58	29°46	10°20	7°36	11°22	23°47	22°20	27°11	4°29	T 16
W17	23 43 18	24° 2'16	26° 5	11°45	0°52	14°24	29° 2	29°44	10°24	7°37	11°22	23°R48	22°17	27°18	4°31	W17
T 18	23 47 14	25° 0'43	11♓ 8	13°18	0°17	15° 5	29° 6	29°43	10°28	7°38	11°22	23°47	22°14	27°24	4°34	T 18
F 19	23 51 11	25°59'11	26°12	14°49	29♍41	15°45	29°10	29°41	10°32	7°39	11°22	23°44	22°11	27°31	4°36	F 19
S 20	23 55 7	26°57'41	11♈ 8	16°19	29° 5	16°26	29°15	29°40	10°35	7°40	11°22	23°40	22° 7	27°38	4°37	S 20
S 21	23 59 4	27°56'13	25°47	17°48	28°28	17° 7	29°20	29°38	10°39	7°41	11°21	23°36	22° 4	27°44	4°39	S 21
M22	0 3 0	28°54'47	10♉ 4	19°16	27°50	17°47	29°25	29°37	10°43	7°42	11°21	23°30	22° 1	27°51	4°41	M22
T 23	0 6 57	29°53'23	23°54	20°42	27°13	18°28	29°30	29°36	10°46	7°43	11°21	23°25	21°58	27°58	4°43	T 23
W24	0 10 53	0♎52'01	7♊16	22° 8	26°37	19° 9	29°35	29°35	10°50	7°44	11°21	23°22	21°55	28° 4	4°44	W24
T 25	0 14 50	1°50'42	20°11	23°33	26° 1	19°50	29°40	29°34	10°54	7°45	11°20	23°19	21°51	28°11	4°46	T 25
F 26	0 18 47	2°49'25	2♋44	24°56	25°26	20°31	29°46	29°33	10°58	7°46	11°20	23°D18	21°48	28°18	4°47	F 26
S 27	0 22 43	3°48'10	14°57	26°18	24°51	21°13	29°52	29°33	11° 1	7°47	11°20	23°19	21°45	28°24	4°49	S 27
S 28	0 26 40	4°46'58	26°56	27°39	24°19	21°54	29°58	29°32	11° 5	7°49	11°19	23°21	21°42	28°31	4°50	S 28
M29	0 30 36	5°45'47	8♌47	28°59	23°47	22°35	0♑ 4	29°31	11° 9	7°50	11°19	23°22	21°39	28°38	4°51	M29
T 30	0 34 33	6♎44'39	20♌34	0♏17	23♍18	23♏17	0♑10	29♑31	11♎13	7♐51	11♊19	23°R23	21♒36	28♌44	4♋53	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n22	22n12	2n 9	7n27	1n30	8s38	6s44	13s11	0s26	23s20	0n 5	20s29	0s26	3s 8	0n40	19s59	1n35	10n34	11s39	13s30	13s48	12n48	17n36	5s46
T 2	8 1	18 16	1 7	6 40	1 25	8 47	6 55	13 25	0 27	23 20	0 4	20 29	0 26	3 10	0 40	19 59	1 35	10 34	11 40	13 30	13 49	12 45	17 35	5 47
W 3	7 39	13 38	0 2	5 53	1 21	8 54	7 5	13 39	0 27	23 20	0 4	20 30	0 26	3 11	0 40	19 59	1 35	10 34	11 40	13 30	13 50	12 42	17 35	5 47
T 4	7 17	8 30	1s 3	5 6	1 16	9 0	7 15	13 53	0 28	23 21	0 4	20 31	0 26	3 12	0 40	19 59	1 35	10 34	11 40	13 30	13 51	12 39	17 34	5 48
F 5	6 55	3 3	2 5	4 19	1 10	9 5	7 25	14 6	0 29	23 21	0 4	20 31	0 26	3 14	0 40	19 59	1 35	10 34	11 40	13 30	13 52	12 36	17 34	5 48
S 6	6 32	2s32	3 3	3 32	1 5	9 8	7 34	14 20	0 29	23 21	0 4	20 32	0 26	3 15	0 40	19 59	1 34	10 34	11 40	13 31	13 53	12 33	17 33	5 49
S 7	6 10	8 4	3 52	2 45	0 59	9 10	7 43	14 33	0 30	23 21	0 4	20 33	0 26	3 16	0 40	20 0	1 34	10 33	11 41	13 32	13 54	12 30	17 33	5 49
M 8	5 48	13 22	4 32	1 58	0 53	9 11	7 51	14 47	0 31	23 21	0 4	20 33	0 26	3 18	0 40	20 0	1 34	10 33	11 41	13 33	13 55	12 27	17 32	5 50
T 9	5 25	18 14	5 0	1 11	0 46	9 11	7 59	15 0	0 31	23 21	0 4	20 34	0 26	3 19	0 40	20 0	1 34	10 33	11 41	13 34	13 56	12 23	17 31	5 50
W10	5 2	22 23	5 13	0 25	0 40	9 9	8 7	15 14	0 32	23 22	0 3	20 34	0 26	3 21	0 40	20 0	1 34	10 33	11 41	13 35	13 57	12 20	17 31	5 51
T 11	4 40	25 33	5 12	0s21	0 33	9 6	8 13	15 27	0 33	23 22	0 3	20 35	0 26	3 22	0 40	20 0	1 34	10 32	11 42	13 36	13 58	12 17	17 30	5 51
F 12	4 17	27 25	4 54	1 7	0 26	9 1	8 20	15 40	0 33	23 22	0 3	20 35	0 26	3 23	0 40	20 0	1 34	10 32	11 42	13 36	13 59	12 14	17 30	5 52
S 13	3 54	27 44	4 19	1 52	0 19	8 55	8 25	15 53	0 34	23 22	0 3	20 36	0 26	3 25	0 40	20 1	1 34	10 32	11 42	13 36	14 0	12 11	17 29	5 52
S 14	3 31	26 19	3 29	2 37	0 12	8 47	8 30	16 6	0 35	23 22	0 3	20 36	0 26	3 26	0 39	20 1	1 34	10 32	11 42	13 36	14 1	12 8	17 28	5 53
M15	3 8	23 11	2 24	3 21	0 4	8 38	8 34	16 19	0 35	23 22	0 3	20 37	0 26	3 28	0 39	20 1	1 34	10 32	11 42	13 35	14 2	12 5	17 28	5 53
T 16	2 45	18 30	1 9	4 5	0s 3	8 28	8 37	16 31	0 36	23 22	0 3	20 37	0 26	3 29	0 39	20 1	1 34	10 31	11 43	13 35	14 3	12 2	17 27	5 54
W17	2 22	12 37	0n13	4 48	0 10	8 17	8 39	16 44	0 37	23 23	0 3	20 37	0 26	3 31	0 39	20 1	1 34	10 31	11 43	13 35	14 5	11 59	17 27	5 54
T 18	1 59	5 57	1 34	5 31	0 18	8 4	8 40	16 56	0 37	23 23	0 2	20 38	0 27	3 32	0 39	20 2	1 34	10 31	11 43	13 35	14 6	11 56	17 26	5 55
F 19	1 36	1n 4	2 48	6 14	0 26	7 50	8 41	17 9	0 38	23 23	0 2	20 38	0 27	3 34	0 39	20 2	1 34	10 31	11 43	13 36	14 7	11 53	17 25	5 56
S 20	1 12	7 56	3 50	6 56	0 33	7 35	8 40	17 21	0 38	23 23	0 2	20 38	0 27	3 35	0 39	20 2	1 34	10 31	11 43	13 37	14 8	11 49	17 25	5 56
S 21	0 49	14 14	4 36	7 37	0 41	7 19	8 38	17 33	0 39	23 23	0 2	20 39	0 27	3 36	0 39	20 2	1 34	10 30	11 44	13 39	14 9	11 46	17 24	5 57
M22	0 26	19 37	5 3	8 17	0 49	7 2	8 36	17 45	0 40	23 23	0 2	20 39	0 27	3 38	0 39	20 2	1 34	10 30	11 44	13 41	14 10	11 43	17 23	5 57
T 23	0 3	23 46	5 12	8 57	0 57	6 44	8 33	17 57	0 40	23 24	0 2	20 39	0 27	3 39	0 39	20 3	1 34	10 30	11 44	13 42	14 11	11 40	17 23	5 58
W24	0s21	26 29	5 3	9 37	1 4	6 26	8 28	18 9	0 41	23 24	0 2	20 40	0 27	3 41	0 39	20 3	1 33	10 30	11 44	13 43	14 12	11 37	17 22	5 58
T 25	0 44	27 41	4 38	10 15	1 12	6 7	8 23	18 21	0 41	23 24	0 2	20 40	0 27	3 42	0 39	20 3	1 33	10 29	11 44	13 44	14 13	11 34	17 22	5 59
F 26	1 7	27 25	4 1	10 53	1 20	5 47	8 17	18 33	0 42	23 24	0 1	20 40	0 27	3 44	0 39	20 3	1 33	10 29	11 45	13 44	14 14	11 31	17 21	5 59
S 27	1 31	25 48	3 14	11 30	1 27	5 27	8 10	18 44	0 42	23 24	0 1	20 40	0 27	3 45	0 39	20 4	1 33	10 29	11 45	13 44	14 15	11 28	17 20	6 0
S 28	1 54	23 2	2 19	12 6	1 35	5 7	8 2	18 55	0 43	23 24	0 1	20 40	0 27	3 47	0 39	20 4	1 33	10 29	11 45	13 44	14 16	11 24	17 20	6 1
M29	2 17	19 19	1 19	12 42	1 42	4 47	7 54	19 7	0 44	23 24	0 1	20 41	0 27	3 48	0 39	20 4	1 33	10 28	11 45	13 43	14 17	11 21	17 19	6 1
T 30	2s41	14n52	0n15	13s17	1s50	4s27	7s45	19s18	0s44	23s24	0n 1	20s41	0s27	3s50	0n39	20s 4	1n33	10n28	11s45	13s43	14s18	11n18	17n19	6s 2

Julian Day Number = 2502191.5, Delta T = 114.22 sec
Ecliptic obliquity = 23°25'24, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°40'40, Lahiri = 25°47'41

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ASTRODIENST EPHEMERIS for the year 2138
geocentric

OCTOBER 2138 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 38 29	7♎43'33	2♍21	1♏35	22°R50	23♏58	0♑16	29°R31	11♎16	7♐52	11°R18	23°R23	21♒32	28♌51	4♋54	W 1
T 2	0 42 26	8°42'29	14°12	2°50	22♍24	24°40	0°23	29♑30	11°20	7°54	11♊18	23♒20	21°29	28°57	4°55	T 2
F 3	0 46 22	9°41'27	26°10	4° 4	22° 0	25°22	0°29	29°30	11°24	7°55	11°17	23°16	21°26	29° 4	4°56	F 3
S 4	0 50 19	10°40'27	8♎17	5°17	21°38	26° 3	0°36	29°D30	11°28	7°57	11°17	23° 9	21°23	29°11	4°56	S 4
S 5	0 54 16	11°39'29	20°35	6°28	21°19	26°45	0°43	29°30	11°32	7°58	11°16	23° 1	21°20	29°17	4°57	S 5
M 6	0 58 12	12°38'34	3♏ 3	7°37	21° 1	27°27	0°50	29°30	11°35	7°59	11°16	22°52	21°16	29°24	4°58	M 6
T 7	1 2 9	13°37'40	15°44	8°44	20°47	28° 9	0°57	29°30	11°39	8° 1	11°15	22°42	21°13	29°31	4°59	T 7
W 8	1 6 5	14°36'48	28°37	9°49	20°34	28°51	1° 5	29°31	11°43	8° 2	11°15	22°34	21°10	29°37	4°59	W 8
T 9	1 10 2	15°35'58	11♐43	10°52	20°24	29°34	1°12	29°31	11°47	8° 4	11°14	22°27	21° 7	29°44	4°59	T 9
F 10	1 13 58	16°35'10	25° 2	11°52	20°17	0♐16	1°20	29°32	11°51	8° 5	11°14	22°23	21° 4	29°51	5° 0	F 10
S 11	1 17 55	17°34'24	8♑35	12°50	20°11	0°58	1°28	29°32	11°54	8° 7	11°13	22°21	21° 1	29°57	5° 0	S 11
S 12	1 21 51	18°33'39	22°23	13°45	20° 9	1°41	1°36	29°33	11°58	8° 9	11°13	22°D21	20°57	0♍ 4	5° 0	S 12
M13	1 25 48	19°32'56	6♒26	14°36	20°D 8	2°23	1°44	29°34	12° 2	8°10	11°12	22°21	20°54	0°11	5° 0	M13
T 14	1 29 45	20°32'15	20°44	15°25	20°10	3° 6	1°52	29°35	12° 6	8°12	11°11	22°R22	20°51	0°17	5°R 0	T 14
W15	1 33 41	21°31'36	5♓16	16° 9	20°15	3°49	2° 1	29°36	12° 9	8°14	11°11	22°21	20°48	0°24	5° 0	W15
T 16	1 37 38	22°30'58	19°57	16°49	20°21	4°31	2° 9	29°37	12°13	8°15	11°10	22°18	20°45	0°31	5° 0	T 16
F 17	1 41 34	23°30'22	4♈41	17°25	20°30	5°14	2°18	29°38	12°17	8°17	11° 9	22°13	20°42	0°37	5° 0	F 17
S 18	1 45 31	24°29'48	19°23	17°55	20°41	5°57	2°26	29°40	12°21	8°19	11° 8	22° 5	20°38	0°44	5° 0	S 18
S 19	1 49 27	25°29'16	3♉53	18°20	20°55	6°40	2°35	29°41	12°24	8°20	11° 8	21°56	20°35	0°50	4°59	S 19
M20	1 53 24	26°28'46	18° 6	18°40	21°10	7°23	2°44	29°43	12°28	8°22	11° 7	21°45	20°32	0°57	4°59	M20
T 21	1 57 20	27°28'19	1♊56	18°52	21°27	8° 6	2°53	29°44	12°32	8°24	11° 6	21°35	20°29	1° 4	4°58	T 21
W22	2 1 17	28°27'53	15°19	18°R58	21°47	8°50	3° 3	29°46	12°35	8°26	11° 5	21°26	20°26	1°10	4°58	W22
T 23	2 5 14	29°27'30	28°18	18°55	22° 8	9°33	3°12	29°48	12°39	8°28	11° 5	21°20	20°22	1°17	4°57	T 23
F 24	2 9 10	0♏27'09	10♋52	18°45	22°31	10°16	3°21	29°50	12°43	8°30	11° 4	21°16	20°19	1°24	4°56	F 24
S 25	2 13 7	1°26'51	23° 7	18°26	22°56	11° 0	3°31	29°52	12°46	8°31	11° 3	21°14	20°16	1°30	4°55	S 25
S 26	2 17 3	2°26'34	5♌ 7	17°59	23°23	11°43	3°41	29°54	12°50	8°33	11° 2	21°D13	20°13	1°37	4°55	S 26
M27	2 21 0	3°26'20	16°58	17°22	23°51	12°27	3°51	29°56	12°54	8°35	11° 1	21°R14	20°10	1°44	4°54	M27
T 28	2 24 56	4°26'08	28°46	16°36	24°21	13°10	4° 0	29°59	12°57	8°37	11° 0	21°13	20° 7	1°50	4°52	T 28
W29	2 28 53	5°25'58	10♍34	15°42	24°52	13°54	4°10	0♒ 1	13° 1	8°39	11° 0	21°12	20° 3	1°57	4°51	W29
T 30	2 32 49	6°25'50	22°29	14°41	25°25	14°38	4°21	0° 4	13° 5	8°41	10°59	21° 8	20° 0	2° 4	4°50	T 30
F 31	2 36 46	7♏25'45	4♎34	13♏32	26♍ 0	15♐22	4♑31	0♒ 6	13♎ 8	8♐43	10♊58	21♒ 1	19♒57	2♍10	4♋49	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s 4	9n53	0s48	13s50	1s57	4s 7	7s35	19s28	0s45	23s24	0n 1	20s41	0s27	3s51	0n39	20s 5	1n33	10n28	11s46	13s43	14s19	11n15	17n18	6s 2
T 2	3 27	4 31	1 50	14 23	2 4	3 48	7 25	19 39	0 45	23 25	0 1	20 41	0 27	3 53	0 39	20 5	1 33	10 28	11 46	13 44	14 20	11 12	17 17	6 3
F 3	3 50	1s 3	2 48	14 55	2 11	3 29	7 14	19 50	0 46	23 25	0 1	20 41	0 27	3 54	0 39	20 5	1 33	10 27	11 46	13 45	14 21	11 9	17 17	6 3
S 4	4 13	6 37	3 38	15 26	2 17	3 10	7 3	20 0	0 46	23 25	0 1	20 41	0 27	3 56	0 39	20 5	1 33	10 27	11 46	13 47	14 22	11 6	17 16	6 4
S 5	4 36	12 2	4 19	15 56	2 24	2 51	6 51	20 11	0 47	23 25	0 0	20 41	0 27	3 57	0 39	20 6	1 33	10 27	11 46	13 50	14 23	11 3	17 15	6 5
M 6	4 59	17 2	4 49	16 25	2 30	2 33	6 39	20 21	0 47	23 25	0 0	20 41	0 27	3 59	0 39	20 6	1 33	10 27	11 46	13 53	14 24	10 59	17 15	6 5
T 7	5 22	21 23	5 4	16 52	2 36	2 16	6 27	20 31	0 48	23 25	0 0	20 41	0 27	4 0	0 39	20 6	1 33	10 26	11 47	13 56	14 25	10 56	17 14	6 6
W 8	5 45	24 47	5 5	17 19	2 42	2 0	6 14	20 41	0 48	23 25	0 0	20 41	0 27	4 2	0 39	20 6	1 33	10 26	11 47	13 59	14 26	10 53	17 14	6 6
T 9	6 8	26 57	4 49	17 44	2 48	1 44	6 1	20 50	0 49	23 25	0s 0	20 41	0 27	4 3	0 39	20 7	1 33	10 26	11 47	14 1	14 27	10 50	17 13	6 7
F 10	6 31	27 38	4 18	18 8	2 53	1 29	5 48	21 0	0 49	23 25	0 0	20 41	0 27	4 5	0 39	20 7	1 33	10 26	11 47	14 3	14 28	10 47	17 13	6 7
S 11	6 54	26 41	3 33	18 30	2 58	1 15	5 35	21 9	0 50	23 25	0 0	20 41	0 27	4 6	0 39	20 7	1 33	10 25	11 47	14 3	14 29	10 44	17 12	6 8
S 12	7 16	24 5	2 34	18 51	3 2	1 2	5 22	21 18	0 50	23 25	0 0	20 41	0 27	4 8	0 39	20 8	1 33	10 25	11 48	14 3	14 30	10 41	17 11	6 9
M13	7 39	20 1	1 24	19 10	3 6	0 50	5 9	21 27	0 51	23 25	0 0	20 41	0 27	4 9	0 39	20 8	1 33	10 25	11 48	14 3	14 31	10 37	17 11	6 9
T 14	8 1	14 42	0 9	19 28	3 9	0 39	4 56	21 36	0 51	23 25	0 1	20 40	0 27	4 10	0 39	20 8	1 33	10 25	11 48	14 3	14 32	10 34	17 10	6 10
W15	8 23	8 31	1n 8	19 43	3 12	0 28	4 43	21 45	0 52	23 25	0 1	20 40	0 28	4 12	0 39	20 9	1 32	10 25	11 48	14 3	14 33	10 31	17 10	6 10
T 16	8 45	1 48	2 22	19 57	3 14	0 19	4 30	21 53	0 52	23 25	0 1	20 40	0 28	4 13	0 39	20 9	1 32	10 24	11 48	14 4	14 34	10 28	17 9	6 11
F 17	9 7	5n 1	3 26	20 9	3 16	0 10	4 17	22 1	0 53	23 25	0 1	20 40	0 28	4 15	0 39	20 9	1 32	10 24	11 48	14 6	14 35	10 25	17 8	6 12
S 18	9 29	11 32	4 16	20 18	3 16	0 3	4 4	22 10	0 53	23 25	0 1	20 39	0 28	4 16	0 39	20 9	1 32	10 24	11 48	14 8	14 36	10 22	17 8	6 12
S 19	9 51	17 20	4 49	20 25	3 16	0n 4	3 51	22 17	0 54	23 25	0 1	20 39	0 28	4 18	0 39	20 10	1 32	10 24	11 49	14 11	14 37	10 19	17 7	6 13
M20	10 13	22 3	5 3	20 29	3 15	0 9	3 38	22 25	0 54	23 25	0 1	20 39	0 28	4 19	0 39	20 10	1 32	10 23	11 49	14 15	14 38	10 15	17 7	6 13
T 21	10 34	25 24	4 58	20 30	3 12	0 14	3 26	22 32	0 54	23 25	0 1	20 39	0 28	4 21	0 39	20 10	1 32	10 23	11 49	14 18	14 39	10 12	17 6	6 14
W22	10 55	27 13	4 38	20 28	3 9	0 17	3 14	22 40	0 55	23 25	0 1	20 38	0 28	4 22	0 39	20 11	1 32	10 23	11 49	14 21	14 40	10 9	17 6	6 14
T 23	11 16	27 28	4 3	20 23	3 4	0 20	3 2	22 47	0 55	23 25	0 1	20 38	0 28	4 24	0 39	20 11	1 32	10 23	11 49	14 23	14 41	10 6	17 5	6 15
F 24	11 37	26 16	3 17	20 14	2 58	0 22	2 50	22 54	0 56	23 24	0 2	20 38	0 28	4 25	0 39	20 11	1 32	10 22	11 49	14 24	14 42	10 3	17 5	6 15
S 25	11 58	23 48	2 24	20 2	2 50	0 23	2 38	23 0	0 56	23 24	0 2	20 37	0 28	4 26	0 39	20 12	1 32	10 22	11 49	14 25	14 43	10 0	17 4	6 16
S 26	12 19	20 21	1 25	19 45	2 41	0 23	2 26	23 7	0 57	23 24	0 2	20 37	0 28	4 28	0 39	20 12	1 32	10 22	11 50	14 25	14 44	9 56	17 4	6 17
M27	12 39	16 6	0 23	19 24	2 30	0 22	2 15	23 13	0 57	23 24	0 2	20 36	0 28	4 29	0 39	20 12	1 32	10 22	11 50	14 25	14 45	9 53	17 3	6 17
T 28	12 59	11 16	0s40	18 58	2 17	0 21	2 4	23 19	0 57	23 24	0 2	20 36	0 28	4 31	0 39	20 13	1 32	10 21	11 50	14 25	14 46	9 50	17 3	6 18
W29	13 19	6 3	1 41	18 29	2 2	0 18	1 53	23 25	0 58	23 24	0 2	20 35	0 28	4 32	0 39	20 13	1 32	10 21	11 50	14 25	14 47	9 47	17 2	6 18
T 30	13 39	0 34	2 38	17 55	1 46	0 15	1 43	23 30	0 58	23 23	0 2	20 35	0 28	4 33	0 39	20 13	1 32	10 21	11 50	14 27	14 48	9 44	17 2	6 19
F 31	13s59	5s 0	3s28	17s17	1s28	0n11	1s32	23s35	0s58	23s23	0s 2	20s34	0s28	4s35	0n39	20s14	1n32	10n21	11s50	14s29	14s49	9n40	17n 1	6s19

Julian Day Number = 2502221.5, Delta T = 114.27 sec
Ecliptic obliquity = 23°25'24, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°40'44, Lahiri = 25°47'45

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ASTRODIENST EPHEMERIS for the year 2138
geocentric

NOVEMBER 2138 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 42	8♏25'41	16♎52	12°R19	26♍36	16♐ 6	4♑41	0♒ 9	13♎12	8♐45	10°R57	20°R51	19♒54	2♍17	4°R47	S 1
S 2	2 44 39	9°25'40	29°24	11♏ 2	27°13	16°50	4°52	0°12	13°15	8°47	10♊56	20♒39	19°51	2°24	4♋46	S 2
M 3	2 48 36	10°25'40	12♏12	9°45	27°51	17°34	5° 2	0°14	13°19	8°49	10°55	20°26	19°48	2°30	4°44	M 3
T 4	2 52 32	11°25'43	25°14	8°29	28°31	18°18	5°13	0°17	13°22	8°51	10°54	20°13	19°44	2°37	4°43	T 4
W 5	2 56 29	12°25'47	8♐29	7°17	29°11	19° 2	5°24	0°20	13°26	8°53	10°53	20° 0	19°41	2°43	4°41	W 5
T 6	3 0 25	13°25'53	21°56	6°11	29°53	19°46	5°35	0°24	13°29	8°55	10°52	19°50	19°38	2°50	4°39	T 6
F 7	3 4 22	14°26'01	5♑32	5°13	0♎36	20°31	5°46	0°27	13°32	8°57	10°51	19°43	19°35	2°57	4°37	F 7
S 8	3 8 18	15°26'10	19°17	4°25	1°20	21°15	5°57	0°30	13°36	8°59	10°50	19°39	19°32	3° 3	4°35	S 8
S 9	3 12 15	16°26'21	3♒ 8	3°48	2° 5	22° 0	6° 8	0°34	13°39	9° 2	10°49	19°37	19°28	3°10	4°33	S 9
M10	3 16 12	17°26'33	17° 8	3°22	2°52	22°44	6°19	0°37	13°42	9° 4	10°48	19°37	19°25	3°17	4°31	M10
T 11	3 20 8	18°26'47	1♓13	3° 8	3°39	23°29	6°30	0°41	13°46	9° 6	10°47	19°37	19°22	3°23	4°29	T 11
W12	3 24 5	19°27'02	15°26	3°D 6	4°26	24°13	6°42	0°44	13°49	9° 8	10°46	19°35	19°19	3°30	4°27	W12
T 13	3 28 1	20°27'18	29°42	3°14	5°15	24°58	6°53	0°48	13°52	9°10	10°45	19°31	19°16	3°37	4°24	T 13
F 14	3 31 58	21°27'36	14♈ 1	3°33	6° 5	25°43	7° 5	0°52	13°55	9°12	10°44	19°25	19°13	3°43	4°22	F 14
S 15	3 35 54	22°27'56	28°16	4° 1	6°55	26°28	7°16	0°56	13°59	9°14	10°43	19°15	19° 9	3°50	4°20	S 15
S 16	3 39 51	23°28'17	12♉24	4°39	7°46	27°13	7°28	1° 0	14° 2	9°17	10°42	19° 4	19° 6	3°57	4°17	S 16
M17	3 43 47	24°28'40	26°19	5°24	8°38	27°58	7°40	1° 4	14° 5	9°19	10°40	18°51	19° 3	4° 3	4°15	M17
T 18	3 47 44	25°29'04	9♊56	6°16	9°31	28°43	7°52	1° 8	14° 8	9°21	10°39	18°38	19° 0	4°10	4°12	T 18
W19	3 51 41	26°29'30	23°12	7°14	10°25	29°28	8° 4	1°12	14°11	9°23	10°38	18°27	18°57	4°17	4° 9	W19
T 20	3 55 37	27°29'58	6♋ 7	8°18	11°19	0♑13	8°16	1°17	14°14	9°25	10°37	18°19	18°54	4°23	4° 7	T 20
F 21	3 59 34	28°30'28	18°41	9°26	12°13	0°58	8°28	1°21	14°17	9°28	10°36	18°13	18°50	4°30	4° 4	F 21
S 22	4 3 30	29°30'59	0♌56	10°38	13° 9	1°43	8°40	1°26	14°20	9°30	10°35	18° 9	18°47	4°37	4° 1	S 22
S 23	4 7 27	0♐31'32	12°57	11°53	14° 5	2°29	8°52	1°30	14°23	9°32	10°34	18° 8	18°44	4°43	3°58	S 23
M24	4 11 23	1°32'07	24°49	13°12	15° 2	3°14	9° 5	1°35	14°26	9°34	10°33	18°D 8	18°41	4°50	3°55	M24
T 25	4 15 20	2°32'43	6♍37	14°33	15°59	4° 0	9°17	1°39	14°29	9°37	10°32	18°R 8	18°38	4°56	3°52	T 25
W26	4 19 16	3°33'21	18°26	15°56	16°57	4°45	9°30	1°44	14°31	9°39	10°30	18° 7	18°34	5° 3	3°49	W26
T 27	4 23 13	4°34'01	0♎23	17°20	17°55	5°31	9°42	1°49	14°34	9°41	10°29	18° 4	18°31	5°10	3°46	T 27
F 28	4 27 10	5°34'43	12°31	18°47	18°54	6°16	9°55	1°54	14°37	9°43	10°28	17°59	18°28	5°16	3°42	F 28
S 29	4 31 6	6°35'26	24°56	20°14	19°53	7° 2	10° 7	1°59	14°40	9°46	10°27	17°50	18°25	5°23	3°39	S 29
S 30	4 35 3	7♐36'10	7♏39	21♏43	20♎53	7♑48	10♑20	2♒ 4	14♎42	9♐48	10♊26	17♒40	18♒22	5♍30	3♋36	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s18	10s28	4s10	16s37	1s 9	0n 6	1s22	23s40	0s59	23s23	0s 2	20s34	0s28	4s36	0n39	20s14	1n32	10n21	11s50	14s32	14s50	9n37	17n 1	6s20
S 2	14 37	15 37	4 40	15 54	0 49	0 0	1 12	23 45	0 59	23 23	0 2	20 33	0 28	4 37	0 39	20 14	1 32	10 20	11 50	14 36	14 51	9 34	17 0	6 20
M 3	14 56	20 12	4 57	15 10	0 28	0s 6	1 3	23 50	1 0	23 22	0 3	20 33	0 28	4 39	0 39	20 15	1 32	10 20	11 50	14 40	14 52	9 31	17 0	6 21
T 4	15 15	23 54	4 59	14 26	0 7	0 13	0 53	23 54	1 0	23 22	0 3	20 32	0 28	4 40	0 39	20 15	1 32	10 20	11 51	14 44	14 53	9 28	16 59	6 21
W 5	15 33	26 24	4 45	13 44	0n13	0 21	0 44	23 58	1 0	23 22	0 3	20 31	0 28	4 41	0 39	20 15	1 32	10 20	11 51	14 48	14 54	9 25	16 59	6 22
T 6	15 52	27 25	4 15	13 4	0 33	0 29	0 35	24 2	1 1	23 21	0 3	20 31	0 28	4 43	0 39	20 16	1 32	10 19	11 51	14 51	14 55	9 21	16 58	6 23
F 7	16 10	26 49	3 30	12 27	0 51	0 38	0 26	24 6	1 1	23 21	0 3	20 30	0 28	4 44	0 39	20 16	1 32	10 19	11 51	14 54	14 56	9 18	16 58	6 23
S 8	16 27	24 34	2 33	11 55	1 8	0 48	0 17	24 9	1 1	23 20	0 3	20 29	0 28	4 45	0 39	20 16	1 32	10 19	11 51	14 55	14 57	9 15	16 57	6 24
S 9	16 45	20 50	1 26	11 28	1 23	0 58	0 9	24 12	1 2	23 20	0 3	20 29	0 28	4 47	0 39	20 17	1 32	10 19	11 51	14 55	14 58	9 12	16 57	6 24
M10	17 2	15 54	0 13	11 7	1 37	1 9	0 1	24 15	1 2	23 20	0 3	20 28	0 28	4 48	0 40	20 17	1 32	10 19	11 51	14 56	14 59	9 9	16 56	6 25
T 11	17 18	10 5	1n 1	10 51	1 48	1 20	0n 7	24 18	1 2	23 19	0 3	20 27	0 28	4 49	0 40	20 17	1 32	10 18	11 51	14 56	15 0	9 5	16 56	6 25
W12	17 35	3 43	2 12	10 41	1 58	1 32	0 15	24 20	1 2	23 19	0 3	20 26	0 28	4 50	0 40	20 18	1 32	10 18	11 51	14 56	15 1	9 2	16 56	6 25
T 13	17 51	2n52	3 15	10 37	2 6	1 45	0 22	24 22	1 3	23 18	0 4	20 26	0 28	4 52	0 40	20 18	1 32	10 18	11 51	14 57	15 2	8 59	16 55	6 26
F 14	18 7	9 18	4 5	10 37	2 12	1 58	0 29	24 24	1 3	23 18	0 4	20 25	0 28	4 53	0 40	20 18	1 32	10 18	11 51	14 59	15 3	8 56	16 55	6 26
S 15	18 22	15 13	4 41	10 43	2 16	2 11	0 36	24 26	1 3	23 17	0 4	20 24	0 29	4 54	0 40	20 19	1 32	10 18	11 51	15 2	15 4	8 53	16 54	6 27
S 16	18 38	20 17	4 58	10 52	2 19	2 25	0 43	24 27	1 4	23 17	0 4	20 23	0 29	4 55	0 40	20 19	1 32	10 17	11 51	15 6	15 5	8 49	16 54	6 27
M17	18 53	24 8	4 58	11 6	2 21	2 40	0 50	24 28	1 4	23 16	0 4	20 22	0 29	4 56	0 40	20 19	1 31	10 17	11 51	15 10	15 6	8 46	16 54	6 28
T 18	19 7	26 32	4 40	11 23	2 21	2 55	0 56	24 29	1 4	23 15	0 4	20 21	0 29	4 58	0 40	20 20	1 31	10 17	11 51	15 14	15 7	8 43	16 53	6 28
W19	19 21	27 22	4 8	11 42	2 21	3 10	1 2	24 30	1 4	23 15	0 4	20 21	0 29	4 59	0 40	20 20	1 31	10 17	11 51	15 17	15 8	8 40	16 53	6 29
T 20	19 35	26 40	3 23	12 4	2 19	3 26	1 8	24 30	1 5	23 14	0 4	20 20	0 29	5 0	0 40	20 21	1 31	10 17	11 51	15 20	15 9	8 37	16 53	6 29
F 21	19 49	24 35	2 29	12 28	2 16	3 42	1 14	24 30	1 5	23 13	0 4	20 19	0 29	5 1	0 40	20 21	1 31	10 17	11 51	15 22	15 10	8 33	16 52	6 30
S 22	20 2	21 24	1 30	12 54	2 13	3 58	1 20	24 30	1 5	23 13	0 4	20 18	0 29	5 2	0 40	20 21	1 31	10 16	11 51	15 23	15 11	8 30	16 52	6 30
S 23	20 15	17 21	0 28	13 21	2 9	4 15	1 25	24 29	1 5	23 12	0 4	20 17	0 29	5 3	0 40	20 22	1 31	10 16	11 51	15 23	15 12	8 27	16 52	6 30
M24	20 27	12 41	0s35	13 49	2 5	4 32	1 30	24 28	1 5	23 11	0 5	20 16	0 29	5 4	0 40	20 22	1 31	10 16	11 51	15 23	15 13	8 24	16 51	6 31
T 25	20 39	7 35	1 36	14 17	1 59	4 49	1 35	24 27	1 6	23 10	0 5	20 15	0 29	5 6	0 40	20 22	1 31	10 16	11 51	15 23	15 14	8 21	16 51	6 31
W26	20 51	2 13	2 34	14 46	1 54	5 7	1 40	24 26	1 6	23 10	0 5	20 14	0 29	5 7	0 40	20 23	1 31	10 16	11 51	15 23	15 15	8 17	16 51	6 32
T 27	21 2	3s17	3 24	15 16	1 48	5 25	1 44	24 25	1 6	23 9	0 5	20 13	0 29	5 8	0 40	20 23	1 31	10 16	11 51	15 24	15 16	8 14	16 50	6 32
F 28	21 13	8 44	4 7	15 46	1 42	5 43	1 49	24 23	1 6	23 8	0 5	20 12	0 29	5 9	0 40	20 23	1 31	10 16	11 51	15 26	15 17	8 11	16 50	6 32
S 29	21 24	13 58	4 39	16 15	1 36	6 2	1 53	24 21	1 6	23 7	0 5	20 11	0 29	5 10	0 40	20 24	1 31	10 15	11 51	15 28	15 18	8 8	16 50	6 33
S 30	21s34	18s44	4s58	16s45	1n29	6s20	1n57	24s18	1s 7	23s 6	0s 5	20s 9	0s29	5s11	0n40	20s24	1n31	10n15	11s51	15s32	15s19	8n 5	16n50	6s33

Julian Day Number = 2502252.5, Delta T = 114.32 sec
Ecliptic obliquity = 23°25'24, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°40'49, Lahiri = 25°47'49

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ASTRODIENST EPHEMERIS for the year 2138
geocentric

DECEMBER 2138 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 38 59	8♐36'56	20♏42	23♏12	21♎53	8♑33	10♑33	2♒ 9	14♎45	9♐50	10°R25	17°R28	18♒19	5♍36	3°R33	M 1
T 2	4 42 56	9°37'44	4♐ 4	24°42	22°53	9°19	10°46	2°14	14°48	9°52	10♊24	17♒16	18°15	5°43	3♋29	T 2
W 3	4 46 52	10°38'33	17°43	26°13	23°55	10° 5	10°59	2°19	14°50	9°55	10°23	17° 5	18°12	5°50	3°26	W 3
T 4	4 50 49	11°39'23	1♑36	27°44	24°56	10°51	11°12	2°25	14°53	9°57	10°21	16°55	18° 9	5°56	3°22	T 4
F 5	4 54 45	12°40'14	15°38	29°15	25°58	11°37	11°25	2°30	14°55	9°59	10°20	16°49	18° 6	6° 3	3°19	F 5
S 6	4 58 42	13°41'06	29°46	0♐47	27° 0	12°23	11°38	2°36	14°57	10° 2	10°19	16°45	18° 3	6°10	3°15	S 6
S 7	5 2 39	14°41'59	13♒56	2°19	28° 3	13° 9	11°51	2°41	15° 0	10° 4	10°18	16°D44	18° 0	6°16	3°12	S 7
M 8	5 6 35	15°42'52	28° 5	3°52	29° 6	13°55	12° 4	2°47	15° 2	10° 6	10°17	16°44	17°56	6°23	3° 8	M 8
T 9	5 10 32	16°43'47	12♓13	5°24	0♏ 9	14°41	12°17	2°52	15° 4	10° 8	10°16	16°R45	17°53	6°30	3° 5	T 9
W10	5 14 28	17°44'42	26°17	6°57	1°13	15°28	12°30	2°58	15° 7	10°11	10°15	16°45	17°50	6°36	3° 1	W10
T 11	5 18 25	18°45'37	10♈18	8°29	2°17	16°14	12°44	3° 4	15° 9	10°13	10°13	16°42	17°47	6°43	2°57	T 11
F 12	5 22 21	19°46'34	24°14	10° 2	3°21	17° 0	12°57	3° 9	15°11	10°15	10°12	16°38	17°44	6°50	2°53	F 12
S 13	5 26 18	20°47'31	8♉ 3	11°35	4°26	17°46	13°10	3°15	15°13	10°17	10°11	16°31	17°40	6°56	2°50	S 13
S 14	5 30 14	21°48'29	21°43	13° 8	5°31	18°33	13°24	3°21	15°15	10°19	10°10	16°22	17°37	7° 3	2°46	S 14
M15	5 34 11	22°49'27	5♊11	14°42	6°36	19°19	13°37	3°27	15°17	10°22	10° 9	16°12	17°34	7°10	2°42	M15
T 16	5 38 8	23°50'26	18°26	16°15	7°41	20° 6	13°51	3°33	15°19	10°24	10° 8	16° 3	17°31	7°16	2°38	T 16
W17	5 42 4	24°51'27	1♋25	17°48	8°47	20°52	14° 4	3°39	15°21	10°26	10° 7	15°54	17°28	7°23	2°34	W17
T 18	5 46 1	25°52'27	14° 7	19°22	9°53	21°39	14°18	3°45	15°23	10°28	10° 6	15°48	17°25	7°30	2°31	T 18
F 19	5 49 57	26°53'29	26°33	20°55	10°59	22°25	14°32	3°52	15°25	10°31	10° 5	15°43	17°21	7°36	2°27	F 19
S 20	5 53 54	27°54'31	8♌45	22°29	12° 6	23°12	14°45	3°58	15°26	10°33	10° 4	15°41	17°18	7°43	2°23	S 20
S 21	5 57 50	28°55'35	20°45	24° 3	13°12	23°58	14°59	4° 4	15°28	10°35	10° 2	15°D41	17°15	7°49	2°19	S 21
M22	6 1 47	29°56'39	2♍36	25°37	14°19	24°45	15°13	4°10	15°30	10°37	10° 1	15°42	17°12	7°56	2°15	M22
T 23	6 5 44	0♑57'43	14°24	27°11	15°27	25°32	15°26	4°17	15°31	10°39	10° 0	15°44	17° 9	8° 3	2°11	T 23
W24	6 9 40	1°58'49	26°13	28°45	16°34	26°19	15°40	4°23	15°33	10°41	9°59	15°45	17° 6	8° 9	2° 7	W24
T 25	6 13 37	2°59'55	8♎10	0♑20	17°42	27° 5	15°54	4°29	15°34	10°43	9°58	15°R45	17° 2	8°16	2° 3	T 25
F 26	6 17 33	4° 1'02	20°18	1°54	18°50	27°52	16° 8	4°36	15°36	10°46	9°57	15°43	16°59	8°23	2° 0	F 26
S 27	6 21 30	5° 2'10	2♏42	3°29	19°58	28°39	16°21	4°42	15°37	10°48	9°56	15°40	16°56	8°29	1°56	S 27
S 28	6 25 26	6° 3'18	15°28	5° 4	21° 6	29°26	16°35	4°49	15°38	10°50	9°55	15°35	16°53	8°36	1°52	S 28
M29	6 29 23	7° 4'27	28°36	6°40	22°14	0♒13	16°49	4°55	15°40	10°52	9°54	15°29	16°50	8°43	1°48	M29
T 30	6 33 19	8° 5'37	12♐ 9	8°16	23°23	1° 0	17° 3	5° 2	15°41	10°54	9°53	15°22	16°46	8°49	1°44	T 30
W31	6 37 16	9♑ 6'47	26♐ 4	9♑52	24♏32	1♒47	17♑17	5♒ 9	15♎42	10♐56	9♊52	15♒16	16♒43	8♍56	1♋40	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s43	22s45	5s 2	17s14	1n22	6s39	2n 1	24s16	1s 7	23s 5	0s 5	20s 8	0s29	5s12	0n40	20s24	1n31	10n15	11s51	15s35	15s20	8n 1	16n49	6s33
T 2	21 53	25 41	4 49	17 43	1 16	6 58	2 4	24 13	1 7	23 4	0 5	20 7	0 29	5 13	0 40	20 25	1 31	10 15	11 51	15 39	15 21	7 58	16 49	6 34
W 3	22 2	27 11	4 21	18 11	1 8	7 17	2 8	24 9	1 7	23 3	0 5	20 6	0 29	5 14	0 40	20 25	1 31	10 15	11 51	15 42	15 22	7 55	16 49	6 34
T 4	22 10	27 1	3 36	18 39	1 1	7 37	2 11	24 6	1 7	23 3	0 5	20 5	0 29	5 15	0 40	20 25	1 31	10 15	11 51	15 45	15 23	7 52	16 49	6 34
F 5	22 18	25 7	2 38	19 6	0 54	7 56	2 14	24 2	1 7	23 1	0 6	20 4	0 29	5 15	0 40	20 26	1 31	10 15	11 51	15 47	15 24	7 48	16 48	6 35
S 6	22 26	21 38	1 29	19 32	0 47	8 16	2 17	23 58	1 8	23 0	0 6	20 3	0 29	5 16	0 40	20 26	1 31	10 15	11 51	15 48	15 25	7 45	16 48	6 35
S 7	22 33	16 53	0 15	19 58	0 40	8 35	2 20	23 54	1 8	22 59	0 6	20 1	0 29	5 17	0 40	20 26	1 31	10 15	11 51	15 49	15 26	7 42	16 48	6 35
M 8	22 39	11 11	1n 0	20 22	0 33	8 55	2 23	23 49	1 8	22 58	0 6	20 0	0 29	5 18	0 40	20 27	1 31	10 14	11 51	15 49	15 27	7 39	16 48	6 35
T 9	22 46	4 57	2 12	20 46	0 25	9 15	2 25	23 44	1 8	22 57	0 6	19 59	0 29	5 19	0 40	20 27	1 31	10 14	11 51	15 48	15 28	7 36	16 48	6 36
W10	22 52	1n31	3 15	21 9	0 18	9 35	2 28	23 39	1 8	22 56	0 6	19 58	0 29	5 20	0 40	20 27	1 31	10 14	11 51	15 48	15 29	7 32	16 48	6 36
T 11	22 57	7 51	4 6	21 31	0 11	9 55	2 30	23 34	1 8	22 55	0 6	19 56	0 29	5 21	0 40	20 28	1 31	10 14	11 51	15 49	15 30	7 29	16 47	6 36
F 12	23 2	13 46	4 43	21 52	0 4	10 15	2 32	23 28	1 8	22 54	0 6	19 55	0 29	5 21	0 40	20 28	1 31	10 14	11 51	15 50	15 31	7 26	16 47	6 36
S 13	23 6	18 56	5 2	22 12	0s 3	10 35	2 33	23 22	1 8	22 52	0 6	19 54	0 30	5 22	0 40	20 28	1 31	10 14	11 51	15 53	15 32	7 23	16 47	6 37
S 14	23 10	23 4	5 4	22 31	0 10	10 55	2 35	23 16	1 8	22 51	0 6	19 52	0 30	5 23	0 40	20 29	1 31	10 14	11 51	15 55	15 32	7 19	16 47	6 37
M15	23 14	25 53	4 49	22 49	0 17	11 14	2 37	23 10	1 8	22 50	0 6	19 51	0 30	5 24	0 40	20 29	1 31	10 14	11 51	15 58	15 33	7 16	16 47	6 37
T 16	23 17	27 13	4 19	23 6	0 23	11 34	2 38	23 3	1 8	22 49	0 7	19 50	0 30	5 24	0 40	20 29	1 31	10 14	11 50	16 1	15 34	7 13	16 47	6 37
W17	23 19	27 0	3 35	23 22	0 30	11 54	2 39	22 56	1 9	22 47	0 7	19 48	0 30	5 25	0 40	20 29	1 31	10 14	11 50	16 3	15 35	7 10	16 47	6 37
T 18	23 22	25 21	2 42	23 36	0 36	12 14	2 40	22 49	1 9	22 46	0 7	19 47	0 30	5 26	0 40	20 30	1 31	10 14	11 50	16 5	15 36	7 6	16 47	6 37
F 19	23 23	22 29	1 41	23 49	0 43	12 33	2 41	22 41	1 9	22 45	0 7	19 45	0 30	5 26	0 40	20 30	1 31	10 14	11 50	16 7	15 37	7 3	16 46	6 38
S 20	23 24	18 40	0 37	24 1	0 49	12 53	2 42	22 34	1 9	22 43	0 7	19 44	0 30	5 27	0 40	20 30	1 31	10 14	11 50	16 7	15 38	7 0	16 46	6 38
S 21	23 25	14 8	0s27	24 12	0 55	13 12	2 43	22 26	1 9	22 42	0 7	19 43	0 30	5 28	0 41	20 31	1 31	10 14	11 50	16 7	15 39	6 57	16 46	6 38
M22	23 25	9 8	1 30	24 22	1 1	13 32	2 43	22 17	1 9	22 40	0 7	19 41	0 30	5 28	0 41	20 31	1 31	10 14	11 50	16 7	15 40	6 54	16 46	6 38
T 23	23 25	3 50	2 29	24 30	1 7	13 51	2 43	22 9	1 9	22 39	0 7	19 40	0 30	5 29	0 41	20 31	1 31	10 14	11 50	16 7	15 41	6 50	16 46	6 38
W24	23 24	1s35	3 22	24 37	1 12	14 10	2 44	22 0	1 9	22 37	0 7	19 38	0 30	5 30	0 41	20 32	1 31	10 14	11 50	16 6	15 42	6 47	16 46	6 38
T 25	23 23	7 0	4 6	24 43	1 17	14 29	2 44	21 51	1 9	22 36	0 7	19 37	0 30	5 30	0 41	20 32	1 31	10 14	11 49	16 6	15 43	6 44	16 46	6 38
F 26	23 22	12 15	4 41	24 47	1 22	14 47	2 44	21 42	1 9	22 34	0 7	19 35	0 30	5 31	0 41	20 32	1 31	10 14	11 49	16 7	15 44	6 41	16 46	6 38
S 27	23 20	17 8	5 3	24 50	1 27	15 5	2 44	21 32	1 9	22 33	0 8	19 34	0 30	5 31	0 41	20 32	1 31	10 14	11 49	16 8	15 45	6 37	16 46	6 38
S 28	23 17	21 24	5 10	24 52	1 32	15 24	2 43	21 23	1 9	22 31	0 8	19 32	0 30	5 32	0 41	20 33	1 31	10 14	11 49	16 9	15 46	6 34	16 46	6 38
M29	23 14	24 45	5 2	24 52	1 37	15 41	2 43	21 13	1 9	22 30	0 8	19 31	0 30	5 32	0 41	20 33	1 31	10 14	11 49	16 11	15 47	6 31	16 46	6 39
T 30	23 11	26 49	4 38	24 51	1 41	15 59	2 42	21 2	1 9	22 28	0 8	19 29	0 30	5 32	0 41	20 33	1 32	10 14	11 49	16 13	15 48	6 28	16 46	6 39
W31	23s 7	27s18	3s56	24s48	1s45	16s16	2n42	20s52	1s 9	22s26	0s 8	19s28	0s30	5s33	0n41	20s33	1n32	10n14	11s49	16s15	15s49	6n24	16n46	6s39

Julian Day Number = 2502282.5, Delta T = 114.37 sec
Ecliptic obliquity = 23°25'23, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°40'53, Lahiri = 25°47'53

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ASTRODIENST EPHEMERIS for the year 2139
geocentric

JANUARY 2139 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 13	10♑ 7'57	10♑19	11♑28	25♏41	2♒34	17♑31	5♒15	15♎43	10♐58	9°R51	15°R11	16♒40	9♍ 3	1°R36	T 1
F 2	6 45 9	11° 9'08	24°47	13° 4	26°50	3°21	17°45	5°22	15°44	11° 0	9♊50	15♒ 8	16°37	9° 9	1♋32	F 2
S 3	6 49 6	12°10'18	9♒23	14°41	27°59	4° 8	17°59	5°29	15°45	11° 2	9°49	15°D 6	16°34	9°16	1°29	S 3
S 4	6 53 2	13°11'29	24° 0	16°18	29° 8	4°55	18°13	5°36	15°46	11° 4	9°48	15° 6	16°31	9°23	1°25	S 4
M 5	6 56 59	14°12'39	8♓32	17°56	0♐18	5°42	18°27	5°42	15°47	11° 6	9°47	15° 7	16°27	9°29	1°21	M 5
T 6	7 0 55	15°13'49	22°56	19°34	1°27	6°29	18°41	5°49	15°48	11° 8	9°47	15° 9	16°24	9°36	1°17	T 6
W 7	7 4 52	16°14'59	7♈ 8	21°12	2°37	7°17	18°55	5°56	15°49	11°10	9°46	15°10	16°21	9°43	1°13	W 7
T 8	7 8 48	17°16'08	21° 7	22°50	3°47	8° 4	19° 9	6° 3	15°50	11°12	9°45	15°R10	16°18	9°49	1°10	T 8
F 9	7 12 45	18°17'17	4♉52	24°29	4°57	8°51	19°23	6°10	15°50	11°14	9°44	15° 9	16°15	9°56	1° 6	F 9
S 10	7 16 42	19°18'26	18°23	26° 8	6° 7	9°38	19°37	6°17	15°51	11°16	9°43	15° 7	16°12	10° 3	1° 2	S 10
S 11	7 20 38	20°19'34	1♊40	27°47	7°17	10°26	19°51	6°24	15°51	11°18	9°42	15° 4	16° 8	10° 9	0°59	S 11
M12	7 24 35	21°20'42	14°44	29°27	8°28	11°13	20° 5	6°31	15°52	11°19	9°41	15° 0	16° 5	10°16	0°55	M12
T 13	7 28 31	22°21'49	27°34	1♒ 7	9°38	12° 0	20°19	6°38	15°52	11°21	9°41	14°56	16° 2	10°23	0°52	T 13
W14	7 32 28	23°22'57	10♋12	2°47	10°49	12°47	20°33	6°45	15°53	11°23	9°40	14°53	15°59	10°29	0°48	W14
T 15	7 36 24	24°24'03	22°37	4°27	12° 0	13°35	20°47	6°52	15°53	11°25	9°39	14°50	15°56	10°36	0°45	T 15
F 16	7 40 21	25°25'10	4♌51	6° 7	13°11	14°22	21° 0	6°59	15°53	11°27	9°38	14°49	15°52	10°43	0°41	F 16
S 17	7 44 17	26°26'16	16°54	7°47	14°21	15° 9	21°14	7° 6	15°54	11°28	9°37	14°D48	15°49	10°49	0°38	S 17
S 18	7 48 14	27°27'21	28°50	9°27	15°33	15°57	21°28	7°13	15°54	11°30	9°37	14°49	15°46	10°56	0°34	S 18
M19	7 52 11	28°28'27	10♍40	11° 7	16°44	16°44	21°42	7°20	15°54	11°32	9°36	14°50	15°43	11° 3	0°31	M19
T 20	7 56 7	29°29'32	22°28	12°46	17°55	17°31	21°56	7°27	15°R54	11°33	9°35	14°52	15°40	11° 9	0°28	T 20
W21	8 0 4	0♒30'36	4♎18	14°24	19° 6	18°19	22°10	7°34	15°54	11°35	9°35	14°53	15°37	11°16	0°25	W21
T 22	8 4 0	1°31'41	16°13	16° 2	20°18	19° 6	22°24	7°41	15°54	11°37	9°34	14°54	15°33	11°23	0°21	T 22
F 23	8 7 57	2°32'45	28°19	17°38	21°29	19°54	22°38	7°49	15°54	11°38	9°33	14°R55	15°30	11°29	0°18	F 23
S 24	8 11 53	3°33'48	10♏40	19°13	22°41	20°41	22°52	7°56	15°53	11°40	9°33	14°55	15°27	11°36	0°15	S 24
S 25	8 15 50	4°34'52	23°21	20°47	23°52	21°28	23° 6	8° 3	15°53	11°41	9°32	14°54	15°24	11°42	0°12	S 25
M26	8 19 46	5°35'55	6♐26	22°18	25° 4	22°16	23°20	8°10	15°53	11°43	9°32	14°53	15°21	11°49	0° 9	M26
T 27	8 23 43	6°36'57	19°56	23°46	26°16	23° 3	23°34	8°17	15°53	11°44	9°31	14°52	15°18	11°56	0° 6	T 27
W28	8 27 40	7°37'59	3♑53	25°11	27°28	23°51	23°47	8°24	15°52	11°46	9°30	14°51	15°14	12° 2	0° 4	W28
T 29	8 31 36	8°39'01	18°15	26°32	28°40	24°38	24° 1	8°31	15°52	11°47	9°30	14°50	15°11	12° 9	0° 1	T 29
F 30	8 35 33	9°40'01	2♒57	27°49	29°52	25°26	24°15	8°39	15°51	11°49	9°29	14°50	15° 8	12°16	29♊58	F 30
S 31	8 39 29	10♒41'01	17♒54	29♒ 1	1♑ 4	26♒13	24♑29	8♒46	15♎51	11♐50	9♊29	14°D50	15♒ 5	12♍22	29♊56	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 2	25s59	2s58	24s44	1s48	16s33	2n41	20s41	1s 9	22s25	0s 8	19s26	0s30	5s33	0n41	20s34	1n32	10n14	11s48	16s16	15s50	6n21	16n46	6s39
F 2	22 57	22 56	1 49	24 38	1 52	16 50	2 40	20 30	1 8	22 23	0 8	19 24	0 30	5 34	0 41	20 34	1 32	10 14	11 48	16 17	15 51	6 18	16 46	6 39
S 3	22 52	18 24	0 31	24 31	1 55	17 7	2 39	20 19	1 8	22 21	0 8	19 23	0 30	5 34	0 41	20 34	1 32	10 14	11 48	16 18	15 52	6 15	16 46	6 39
S 4	22 46	12 45	0n49	24 23	1 58	17 23	2 38	20 8	1 8	22 19	0 8	19 21	0 31	5 34	0 41	20 34	1 32	10 14	11 48	16 18	15 53	6 11	16 46	6 39
M 5	22 40	6 26	2 5	24 13	2 0	17 38	2 37	19 56	1 8	22 18	0 8	19 20	0 31	5 35	0 41	20 35	1 32	10 14	11 48	16 17	15 54	6 8	16 47	6 38
T 6	22 33	0n 9	3 13	24 1	2 2	17 54	2 36	19 44	1 8	22 16	0 8	19 18	0 31	5 35	0 41	20 35	1 32	10 14	11 47	16 17	15 55	6 5	16 47	6 38
W 7	22 26	6 37	4 8	23 48	2 4	18 9	2 34	19 32	1 8	22 14	0 9	19 16	0 31	5 35	0 41	20 35	1 32	10 14	11 47	16 17	15 56	6 2	16 47	6 38
T 8	22 19	12 40	4 47	23 33	2 6	18 24	2 33	19 20	1 8	22 12	0 9	19 15	0 31	5 35	0 41	20 35	1 32	10 14	11 47	16 16	15 56	5 58	16 47	6 38
F 9	22 10	17 59	5 9	23 17	2 7	18 38	2 31	19 7	1 8	22 10	0 9	19 13	0 31	5 36	0 41	20 36	1 32	10 14	11 47	16 17	15 57	5 55	16 47	6 38
S 10	22 2	22 18	5 13	23 0	2 7	18 52	2 29	18 55	1 8	22 8	0 9	19 11	0 31	5 36	0 41	20 36	1 32	10 14	11 47	16 17	15 58	5 52	16 47	6 38
S 11	21 53	25 24	5 1	22 41	2 8	19 5	2 28	18 42	1 8	22 6	0 9	19 10	0 31	5 36	0 41	20 36	1 32	10 14	11 47	16 18	15 59	5 49	16 47	6 38
M12	21 44	27 4	4 33	22 20	2 8	19 18	2 26	18 29	1 7	22 4	0 9	19 8	0 31	5 36	0 41	20 36	1 32	10 14	11 46	16 20	16 0	5 45	16 47	6 38
T 13	21 34	27 16	3 52	21 58	2 7	19 31	2 24	18 16	1 7	22 2	0 9	19 6	0 31	5 36	0 41	20 37	1 32	10 14	11 46	16 21	16 1	5 42	16 47	6 38
W14	21 24	26 1	2 59	21 34	2 6	19 43	2 22	18 2	1 7	22 0	0 9	19 5	0 31	5 37	0 41	20 37	1 32	10 15	11 46	16 22	16 2	5 39	16 48	6 38
T 15	21 13	23 30	2 0	21 9	2 4	19 54	2 20	17 48	1 7	21 58	0 9	19 3	0 31	5 37	0 41	20 37	1 32	10 15	11 46	16 22	16 3	5 36	16 48	6 37
F 16	21 2	19 56	0 55	20 42	2 2	20 5	2 18	17 35	1 7	21 56	0 9	19 1	0 31	5 37	0 41	20 37	1 32	10 15	11 45	16 23	16 4	5 32	16 48	6 37
S 17	20 51	15 34	0s12	20 14	1 59	20 16	2 15	17 21	1 7	21 54	0 9	18 59	0 31	5 37	0 41	20 37	1 32	10 15	11 45	16 23	16 5	5 29	16 48	6 37
S 18	20 39	10 40	1 17	19 44	1 56	20 26	2 13	17 6	1 7	21 52	0 10	18 58	0 31	5 37	0 41	20 38	1 32	10 15	11 45	16 23	16 6	5 26	16 48	6 37
M19	20 27	5 25	2 18	19 13	1 52	20 36	2 11	16 52	1 6	21 50	0 10	18 56	0 31	5 37	0 41	20 38	1 32	10 15	11 45	16 22	16 7	5 23	16 49	6 37
T 20	20 15	0 1	3 14	18 41	1 47	20 45	2 8	16 37	1 6	21 48	0 10	18 54	0 31	5 37	0 42	20 38	1 32	10 15	11 45	16 22	16 8	5 19	16 49	6 37
W21	20 2	5s24	4 1	18 7	1 42	20 53	2 6	16 23	1 6	21 46	0 10	18 52	0 32	5 37	0 42	20 38	1 32	10 15	11 44	16 22	16 9	5 16	16 49	6 36
T 22	19 48	10 39	4 38	17 32	1 36	21 1	2 3	16 8	1 6	21 44	0 10	18 51	0 32	5 37	0 42	20 38	1 32	10 16	11 44	16 21	16 10	5 13	16 49	6 36
F 23	19 35	15 36	5 4	16 57	1 29	21 9	2 0	15 53	1 6	21 41	0 10	18 49	0 32	5 37	0 42	20 39	1 32	10 16	11 44	16 21	16 11	5 10	16 49	6 36
S 24	19 21	20 1	5 16	16 20	1 21	21 16	1 58	15 37	1 5	21 39	0 10	18 47	0 32	5 36	0 42	20 39	1 32	10 16	11 44	16 21	16 12	5 6	16 50	6 36
S 25	19 6	23 39	5 14	15 43	1 13	21 22	1 55	15 22	1 5	21 37	0 10	18 45	0 32	5 36	0 42	20 39	1 32	10 16	11 43	16 21	16 12	5 3	16 50	6 36
M26	18 51	26 13	4 55	15 4	1 4	21 28	1 52	15 6	1 5	21 35	0 10	18 43	0 32	5 36	0 42	20 39	1 32	10 16	11 43	16 22	16 13	5 0	16 50	6 35
T 27	18 36	27 22	4 20	14 26	0 54	21 33	1 49	14 50	1 5	21 32	0 10	18 42	0 32	5 36	0 42	20 39	1 32	10 16	11 43	16 22	16 14	4 57	16 50	6 35
W28	18 21	26 50	3 28	13 47	0 43	21 38	1 46	14 35	1 4	21 30	0 11	18 40	0 32	5 36	0 42	20 39	1 32	10 16	11 43	16 22	16 15	4 53	16 51	6 35
T 29	18 5	24 32	2 22	13 9	0 31	21 42	1 43	14 19	1 4	21 28	0 11	18 38	0 32	5 36	0 42	20 40	1 32	10 17	11 42	16 22	16 16	4 50	16 51	6 34
F 30	17 49	20 33	1 6	12 30	0 18	21 45	1 40	14 2	1 4	21 26	0 11	18 36	0 32	5 35	0 42	20 40	1 32	10 17	11 42	16 22	16 17	4 47	16 51	6 34
S 31	17s33	15s11	0n17	11s53	0s 5	21s48	1n37	13s46	1s 4	21s23	0s11	18s34	0s32	5s35	0n42	20s40	1n32	10n17	11s42	16s22	16s18	4n44	16n51	6s34

Julian Day Number = 2502313.5, Delta T = 114.43 sec
Ecliptic obliquity = 23°25'22, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°40'57, Lahiri = 25°47'58

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ASTRODIENST EPHEMERIS for the year 2139
geocentric

FEBRUARY 2139 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 26	11♒42'00	2♓56	0♓ 6	2♉16	27♒ 1	24♉43	8♒53	15°R50	11♐52	9°R28	14♒50	15♒ 2	12♍29	29°R53	S 1
M 2	8 47 22	12°42'57	17°55	1° 5	3°28	27°48	24°56	9° 0	15♎49	11°53	9♊28	14°50	14°58	12°36	29♊50	M 2
T 3	8 51 19	13°43'54	2♈43	1°56	4°40	28°36	25°10	9° 7	15°49	11°54	9°28	14°50	14°55	12°42	29°48	T 3
W 4	8 55 15	14°44'49	17°15	2°39	5°52	29°23	25°24	9°14	15°48	11°55	9°27	14°R50	14°52	12°49	29°46	W 4
T 5	8 59 12	15°45'43	1♉25	3°12	7° 5	0♓11	25°37	9°21	15°47	11°57	9°27	14°50	14°49	12°56	29°43	T 5
F 6	9 3 9	16°46'35	15°13	3°36	8°17	0°58	25°51	9°29	15°46	11°58	9°26	14°D50	14°46	13° 2	29°41	F 6
S 7	9 7 5	17°47'26	28°39	3°49	9°29	1°46	26° 4	9°36	15°45	11°59	9°26	14°50	14°43	13° 9	29°39	S 7
S 8	9 11 2	18°48'16	11♊45	3°R51	10°42	2°33	26°18	9°43	15°44	12° 0	9°26	14°51	14°39	13°16	29°37	S 8
M 9	9 14 58	19°49'04	24°33	3°43	11°54	3°20	26°31	9°50	15°43	12° 1	9°26	14°51	14°36	13°22	29°35	M 9
T 10	9 18 55	20°49'51	7♋ 5	3°23	13° 7	4° 8	26°45	9°57	15°42	12° 2	9°25	14°52	14°33	13°29	29°33	T 10
W11	9 22 51	21°50'36	19°24	2°53	14°19	4°55	26°58	10° 4	15°41	12° 4	9°25	14°52	14°30	13°36	29°31	W11
T 12	9 26 48	22°51'20	1♌33	2°13	15°32	5°43	27°11	10°11	15°40	12° 5	9°25	14°53	14°27	13°42	29°29	T 12
F 13	9 30 45	23°52'03	13°35	1°24	16°45	6°30	27°25	10°18	15°39	12° 6	9°25	14°R53	14°24	13°49	29°27	F 13
S 14	9 34 41	24°52'44	25°30	0°27	17°57	7°18	27°38	10°25	15°37	12° 7	9°24	14°53	14°20	13°56	29°26	S 14
S 15	9 38 38	25°53'24	7♍21	29♒25	19°10	8° 5	27°51	10°32	15°36	12° 7	9°24	14°52	14°17	14° 2	29°24	S 15
M16	9 42 34	26°54'02	19°10	28°18	20°23	8°52	28° 4	10°39	15°35	12° 8	9°24	14°51	14°14	14° 9	29°23	M16
T 17	9 46 31	27°54'39	0♎59	27° 9	21°36	9°40	28°17	10°46	15°33	12° 9	9°24	14°49	14°11	14°16	29°21	T 17
W18	9 50 27	28°55'15	12°51	26° 0	22°49	10°27	28°31	10°53	15°32	12°10	9°24	14°47	14° 8	14°22	29°20	W18
T 19	9 54 24	29°55'49	24°49	24°51	24° 2	11°14	28°44	11° 0	15°30	12°11	9°24	14°44	14° 4	14°29	29°19	T 19
F 20	9 58 20	0♓56'23	6♏56	23°46	25°15	12° 2	28°57	11° 7	15°29	12°12	9°24	14°43	14° 1	14°36	29°18	F 20
S 21	10 2 17	1°56'55	19°15	22°45	26°28	12°49	29° 9	11°14	15°27	12°12	9°24	14°41	13°58	14°42	29°16	S 21
S 22	10 6 13	2°57'26	1♐51	21°50	27°41	13°36	29°22	11°20	15°25	12°13	9°D24	14°D41	13°55	14°49	29°15	S 22
M23	10 10 10	3°57'55	14°48	21° 1	28°54	14°24	29°35	11°27	15°24	12°14	9°24	14°41	13°52	14°56	29°15	M23
T 24	10 14 7	4°58'24	28° 9	20°19	0♒ 7	15°11	29°48	11°34	15°22	12°15	9°24	14°42	13°49	15° 2	29°14	T 24
W25	10 18 3	5°58'51	11♑56	19°44	1°20	15°58	0♒ 1	11°41	15°20	12°15	9°24	14°44	13°45	15° 9	29°13	W25
T 26	10 22 0	6°59'16	26°11	19°16	2°33	16°45	0°13	11°48	15°18	12°16	9°24	14°45	13°42	15°16	29°12	T 26
F 27	10 25 56	7°59'40	10♒50	18°56	3°46	17°33	0°26	11°54	15°16	12°16	9°24	14°R46	13°39	15°22	29°12	F 27
S 28	10 29 53	9♓ 0'03	25♒50	18♒44	4♒59	18♓20	0♒38	12♒ 1	15♎15	12♐17	9♊24	14♒45	13♒36	15♍29	29♊11	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s16	8s53	1n39	11s17	0n10	21s50	1n34	13s30	1s 3	21s21	0s11	18s33	0s32	5s35	0n42	20s40	1n33	10n17	11s42	16s22	16s19	4n40	16n52	6s34
M 2	16 59	2 6	2 54	10 42	0 25	21 52	1 31	13 13	1 3	21 19	0 11	18 31	0 32	5 35	0 42	20 40	1 33	10 17	11 41	16 22	16 20	4 37	16 52	6 33
T 3	16 42	4n41	3 56	10 9	0 40	21 53	1 28	12 56	1 3	21 16	0 11	18 29	0 32	5 34	0 42	20 40	1 33	10 18	11 41	16 22	16 21	4 34	16 52	6 33
W 4	16 24	11 6	4 42	9 39	0 57	21 53	1 25	12 39	1 3	21 14	0 11	18 27	0 33	5 34	0 42	20 40	1 33	10 18	11 41	16 22	16 22	4 31	16 53	6 33
T 5	16 6	16 47	5 9	9 11	1 13	21 53	1 22	12 22	1 2	21 11	0 11	18 25	0 33	5 34	0 42	20 41	1 33	10 18	11 41	16 22	16 23	4 27	16 53	6 32
F 6	15 48	21 27	5 18	8 47	1 30	21 52	1 18	12 5	1 2	21 9	0 12	18 24	0 33	5 33	0 42	20 41	1 33	10 18	11 40	16 22	16 24	4 24	16 53	6 32
S 7	15 29	24 52	5 9	8 26	1 47	21 50	1 15	11 48	1 2	21 7	0 12	18 22	0 33	5 33	0 42	20 41	1 33	10 18	11 40	16 22	16 25	4 21	16 54	6 32
S 8	15 11	26 52	4 44	8 9	2 4	21 48	1 12	11 31	1 1	21 4	0 12	18 20	0 33	5 33	0 42	20 41	1 33	10 19	11 40	16 22	16 26	4 18	16 54	6 31
M 9	14 52	27 23	4 5	7 57	2 21	21 45	1 8	11 13	1 1	21 2	0 12	18 18	0 33	5 32	0 42	20 41	1 33	10 19	11 39	16 22	16 26	4 14	16 54	6 31
T 10	14 32	26 29	3 15	7 50	2 36	21 42	1 5	10 56	1 1	20 59	0 12	18 16	0 33	5 32	0 42	20 41	1 33	10 19	11 39	16 22	16 27	4 11	16 55	6 31
W11	14 13	24 17	2 17	7 47	2 51	21 38	1 2	10 38	1 0	20 57	0 12	18 14	0 33	5 31	0 42	20 41	1 33	10 19	11 39	16 22	16 28	4 8	16 55	6 30
T 12	13 53	21 0	1 13	7 48	3 4	21 33	0 58	10 21	1 0	20 54	0 12	18 13	0 33	5 31	0 42	20 41	1 33	10 20	11 39	16 22	16 29	4 5	16 55	6 30
F 13	13 33	16 51	0 7	7 55	3 16	21 28	0 55	10 3	1 0	20 52	0 12	18 11	0 33	5 30	0 42	20 41	1 33	10 20	11 38	16 21	16 30	4 1	16 56	6 29
S 14	13 13	12 6	0s59	8 5	3 26	21 22	0 52	9 45	0 59	20 49	0 12	18 9	0 33	5 30	0 42	20 41	1 33	10 20	11 38	16 22	16 31	3 58	16 56	6 29
S 15	12 53	6 56	2 1	8 20	3 34	21 15	0 48	9 27	0 59	20 47	0 12	18 7	0 33	5 29	0 42	20 42	1 33	10 20	11 38	16 22	16 32	3 55	16 57	6 29
M16	12 32	1 32	2 59	8 38	3 39	21 8	0 45	9 9	0 59	20 44	0 13	18 5	0 33	5 29	0 42	20 42	1 33	10 21	11 38	16 22	16 33	3 51	16 57	6 28
T 17	12 11	3s53	3 49	8 58	3 42	21 0	0 42	8 51	0 58	20 42	0 13	18 4	0 34	5 28	0 42	20 42	1 33	10 21	11 37	16 23	16 34	3 48	16 57	6 28
W18	11 51	9 12	4 29	9 21	3 43	20 52	0 38	8 32	0 58	20 39	0 13	18 2	0 34	5 27	0 42	20 42	1 33	10 21	11 37	16 23	16 35	3 45	16 58	6 28
T 19	11 29	14 13	4 57	9 45	3 41	20 43	0 35	8 14	0 58	20 37	0 13	18 0	0 34	5 27	0 42	20 42	1 33	10 21	11 37	16 24	16 36	3 42	16 58	6 27
F 20	11 8	18 45	5 13	10 10	3 37	20 33	0 32	7 56	0 57	20 34	0 13	17 58	0 34	5 26	0 42	20 42	1 33	10 22	11 36	16 25	16 37	3 38	16 59	6 27
S 21	10 46	22 34	5 15	10 35	3 31	20 23	0 28	7 37	0 57	20 32	0 13	17 56	0 34	5 26	0 42	20 42	1 33	10 22	11 36	16 25	16 37	3 35	16 59	6 26
S 22	10 25	25 27	5 2	11 0	3 24	20 12	0 25	7 19	0 56	20 29	0 13	17 55	0 34	5 25	0 42	20 42	1 33	10 22	11 36	16 25	16 38	3 32	16 59	6 26
M23	10 3	27 5	4 34	11 25	3 15	20 1	0 22	7 0	0 56	20 27	0 13	17 53	0 34	5 24	0 42	20 42	1 33	10 23	11 36	16 25	16 39	3 29	17 0	6 25
T 24	9 41	27 14	3 50	11 48	3 4	19 49	0 18	6 41	0 56	20 24	0 14	17 51	0 34	5 24	0 43	20 42	1 34	10 23	11 35	16 25	16 40	3 25	17 0	6 25
W25	9 19	25 44	2 51	12 9	2 53	19 36	0 15	6 23	0 55	20 21	0 14	17 49	0 34	5 23	0 43	20 42	1 34	10 23	11 35	16 24	16 41	3 22	17 1	6 25
T 26	8 56	22 33	1 41	12 29	2 41	19 23	0 12	6 4	0 55	20 19	0 14	17 47	0 34	5 22	0 43	20 42	1 34	10 23	11 35	16 24	16 42	3 19	17 1	6 24
F 27	8 34	17 51	0 22	12 48	2 28	19 9	0 9	5 45	0 54	20 16	0 14	17 46	0 34	5 21	0 43	20 42	1 34	10 24	11 34	16 24	16 43	3 16	17 1	6 24
S 28	8s11	11s57	1n 1	13s 4	2n15	18s55	0n 5	5s26	0s54	20s14	0s14	17s44	0s35	5s21	0n43	20s42	1n34	10n24	11s34	16s24	16s44	3n12	17n 2	6s23

Julian Day Number = 2502344.5, Delta T = 114.48 sec
Ecliptic obliquity = 23°25'23, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°41'01, Lahiri = 25°48'02

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ASTRODIENST EPHEMERIS for the year 2139
geocentric

MARCH 2139 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 33 49	10♓ 0'24	11♓ 2	18°D38	6♒12	19♓ 7	0♒51	12♒ 7	15°R13	12♐17	9♊24	14°R44	13♒33	15♍36	29°R11	S 1
M 2	10 37 46	11° 0'43	26°17	18♒39	7°26	19°54	1° 3	12°14	15♎11	12°18	9°24	14♒41	13°30	15°42	29♊10	M 2
T 3	10 41 42	12° 1'00	11♈25	18°47	8°39	20°41	1°15	12°21	15° 9	12°18	9°24	14°37	13°26	15°49	29°10	T 3
W 4	10 45 39	13° 1'16	26°16	19° 0	9°52	21°28	1°27	12°27	15° 7	12°19	9°25	14°33	13°23	15°56	29°10	W 4
T 5	10 49 36	14° 1'29	10♉43	19°19	11° 5	22°16	1°40	12°34	15° 4	12°19	9°25	14°29	13°20	16° 2	29°D10	T 5
F 6	10 53 32	15° 1'41	24°43	19°44	12°19	23° 3	1°52	12°40	15° 2	12°19	9°25	14°26	13°17	16° 9	29°10	F 6
S 7	10 57 29	16° 1'50	8♊16	20°13	13°32	23°50	2° 4	12°46	15° 0	12°19	9°25	14°25	13°14	16°16	29°10	S 7
S 8	11 1 25	17° 1'57	21°21	20°48	14°45	24°37	2°16	12°53	14°58	12°20	9°26	14°D25	13°10	16°22	29°10	S 8
M 9	11 5 22	18° 2'02	4♋ 4	21°26	15°58	25°24	2°27	12°59	14°56	12°20	9°26	14°26	13° 7	16°29	29°10	M 9
T 10	11 9 18	19° 2'06	16°28	22° 9	17°12	26°11	2°39	13° 5	14°54	12°20	9°26	14°27	13° 4	16°36	29°11	T 10
W11	11 13 15	20° 2'06	28°38	22°55	18°25	26°58	2°51	13°12	14°51	12°20	9°27	14°29	13° 1	16°42	29°11	W11
T 12	11 17 11	21° 2'05	10♌37	23°44	19°38	27°44	3° 2	13°18	14°49	12°20	9°27	14°R30	12°58	16°49	29°12	T 12
F 13	11 21 8	22° 2'02	22°29	24°37	20°52	28°31	3°14	13°24	14°47	12°20	9°27	14°30	12°55	16°56	29°12	F 13
S 14	11 25 5	23° 1'56	4♍19	25°33	22° 5	29°18	3°25	13°30	14°44	12°20	9°28	14°28	12°51	17° 2	29°13	S 14
S 15	11 29 1	24° 1'49	16° 7	26°32	23°19	0♈ 5	3°37	13°36	14°42	12°R20	9°28	14°24	12°48	17° 9	29°14	S 15
M16	11 32 58	25° 1'39	27°57	27°34	24°32	0°52	3°48	13°42	14°40	12°20	9°29	14°18	12°45	17°16	29°15	M16
T 17	11 36 54	26° 1'28	9♎50	28°38	25°45	1°38	3°59	13°48	14°37	12°20	9°29	14°10	12°42	17°22	29°16	T 17
W18	11 40 51	27° 1'15	21°49	29°44	26°59	2°25	4°10	13°54	14°35	12°20	9°30	14° 2	12°39	17°29	29°17	W18
T 19	11 44 47	28° 1'00	3♏54	0♓53	28°12	3°12	4°21	14° 0	14°33	12°20	9°30	13°54	12°35	17°36	29°18	T 19
F 20	11 48 44	29° 0'43	16° 7	2° 3	29°26	3°58	4°32	14° 5	14°30	12°20	9°31	13°46	12°32	17°42	29°19	F 20
S 21	11 52 40	0♈ 0'24	28°31	3°16	0♓39	4°45	4°43	14°11	14°28	12°20	9°31	13°40	12°29	17°49	29°20	S 21
S 22	11 56 37	1° 0'04	11♐ 9	4°31	1°53	5°32	4°54	14°17	14°25	12°20	9°32	13°36	12°26	17°56	29°21	S 22
M23	12 0 34	1°59'42	24° 3	5°47	3° 6	6°18	5° 4	14°22	14°23	12°19	9°32	13°34	12°23	18° 2	29°23	M23
T 24	12 4 30	2°59'18	7♑17	7° 6	4°20	7° 5	5°15	14°28	14°20	12°19	9°33	13°D34	12°20	18° 9	29°24	T 24
W25	12 8 27	3°58'53	20°53	8°26	5°33	7°51	5°25	14°33	14°18	12°19	9°34	13°35	12°16	18°16	29°26	W25
T 26	12 12 23	4°58'25	4♒53	9°48	6°47	8°38	5°35	14°39	14°15	12°18	9°34	13°36	12°13	18°22	29°28	T 26
F 27	12 16 20	5°57'56	19°18	11°11	8° 0	9°24	5°46	14°44	14°12	12°18	9°35	13°R36	12°10	18°29	29°29	F 27
S 28	12 20 16	6°57'26	4♓ 5	12°36	9°14	10°10	5°56	14°49	14°10	12°18	9°36	13°34	12° 7	18°36	29°31	S 28
S 29	12 24 13	7°56'53	19° 9	14° 3	10°27	10°57	6° 6	14°55	14° 7	12°17	9°36	13°30	12° 4	18°42	29°33	S 29
M30	12 28 9	8°56'18	4♈21	15°31	11°41	11°43	6°15	15° 0	14° 5	12°17	9°37	13°24	12° 1	18°49	29°35	M30
T 31	12 32 6	9♈55'41	19♈32	17♓ 0	12♓54	12♈29	6♒25	15♒ 5	14♎ 2	12♐16	9♊38	13♒15	11♒57	18♍56	29♊37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s49	5s16	2n20	13s18	2n 1	18s40	0n 2	5s 7	0s54	20s11	0s14	17s42	0s35	5s20	0n43	20s42	1n34	10n24	11s34	16s24	16s45	3n 9	17n 2	6s23
M 2	7 26	1n43	3 29	13 31	1 48	18 25	0s 1	4 49	0 53	20 9	0 14	17 40	0 35	5 19	0 43	20 42	1 34	10 25	11 34	16 25	16 46	3 6	17 3	6 22
T 3	7 3	8 32	4 23	13 41	1 34	18 9	0 4	4 30	0 53	20 6	0 14	17 39	0 35	5 18	0 43	20 42	1 34	10 25	11 33	16 26	16 47	3 3	17 3	6 22
W 4	6 40	14 45	4 58	13 50	1 21	17 53	0 7	4 11	0 52	20 3	0 14	17 37	0 35	5 17	0 43	20 42	1 34	10 25	11 33	16 27	16 48	2 59	17 4	6 22
T 5	6 17	19 59	5 13	13 56	1 8	17 36	0 10	3 52	0 52	20 1	0 15	17 35	0 35	5 17	0 43	20 42	1 34	10 25	11 33	16 28	16 48	2 56	17 4	6 21
F 6	5 54	23 55	5 8	14 1	0 55	17 19	0 13	3 33	0 51	19 58	0 15	17 33	0 35	5 16	0 43	20 42	1 34	10 26	11 32	16 29	16 49	2 53	17 5	6 21
S 7	5 30	26 23	4 47	14 4	0 42	17 1	0 16	3 14	0 51	19 56	0 15	17 32	0 35	5 15	0 43	20 42	1 34	10 26	11 32	16 30	16 50	2 50	17 5	6 20
S 8	5 7	27 19	4 11	14 5	0 30	16 42	0 19	2 55	0 50	19 53	0 15	17 30	0 35	5 14	0 43	20 42	1 34	10 26	11 32	16 30	16 51	2 46	17 5	6 20
M 9	4 44	26 45	3 23	14 4	0 18	16 23	0 22	2 36	0 50	19 51	0 15	17 28	0 35	5 13	0 43	20 42	1 34	10 27	11 32	16 30	16 52	2 43	17 6	6 19
T 10	4 20	24 51	2 27	14 1	0 6	16 4	0 25	2 16	0 49	19 48	0 15	17 27	0 36	5 12	0 43	20 42	1 34	10 27	11 31	16 29	16 53	2 40	17 6	6 19
W11	3 57	21 49	1 26	13 57	0s 5	15 44	0 28	1 57	0 49	19 46	0 15	17 25	0 36	5 12	0 43	20 42	1 34	10 27	11 31	16 29	16 54	2 37	17 7	6 18
T 12	3 33	17 54	0 21	13 51	0 16	15 24	0 31	1 38	0 48	19 43	0 16	17 23	0 36	5 11	0 43	20 42	1 34	10 28	11 31	16 28	16 55	2 33	17 7	6 18
F 13	3 9	13 19	0s43	13 43	0 26	15 4	0 33	1 19	0 48	19 40	0 16	17 22	0 36	5 10	0 43	20 42	1 34	10 28	11 31	16 28	16 56	2 30	17 8	6 18
S 14	2 46	8 17	1 46	13 34	0 37	14 43	0 36	1 0	0 47	19 38	0 16	17 20	0 36	5 9	0 43	20 42	1 34	10 28	11 30	16 29	16 57	2 27	17 8	6 17
S 15	2 22	2 58	2 43	13 23	0 46	14 21	0 39	0 41	0 47	19 35	0 16	17 18	0 36	5 8	0 43	20 42	1 34	10 29	11 30	16 30	16 57	2 23	17 9	6 17
M16	1 58	2s27	3 34	13 11	0 55	13 59	0 41	0 22	0 46	19 33	0 16	17 17	0 36	5 7	0 43	20 42	1 34	10 29	11 30	16 32	16 58	2 20	17 9	6 16
T 17	1 35	7 48	4 15	12 57	1 4	13 37	0 44	0 3	0 46	19 30	0 16	17 15	0 36	5 6	0 43	20 42	1 35	10 29	11 29	16 34	16 59	2 17	17 10	6 16
W18	1 11	12 54	4 46	12 41	1 12	13 14	0 46	0n16	0 45	19 28	0 16	17 14	0 36	5 5	0 43	20 42	1 35	10 30	11 29	16 36	17 0	2 14	17 10	6 15
T 19	0 47	17 34	5 4	12 24	1 20	12 51	0 49	0 35	0 45	19 25	0 16	17 12	0 36	5 4	0 43	20 42	1 35	10 30	11 29	16 39	17 1	2 10	17 10	6 15
F 20	0 24	21 34	5 8	12 6	1 28	12 28	0 51	0 54	0 44	19 23	0 17	17 10	0 37	5 3	0 43	20 42	1 35	10 30	11 29	16 41	17 2	2 7	17 11	6 14
S 21	0n 0	24 39	4 58	11 46	1 35	12 4	0 54	1 13	0 44	19 21	0 17	17 9	0 37	5 2	0 43	20 41	1 35	10 31	11 28	16 43	17 3	2 4	17 11	6 14
S 22	0 24	26 37	4 34	11 25	1 41	11 40	0 56	1 32	0 43	19 18	0 17	17 7	0 37	5 1	0 43	20 41	1 35	10 31	11 28	16 44	17 4	2 1	17 12	6 13
M23	0 48	27 12	3 55	11 3	1 47	11 16	0 58	1 51	0 43	19 16	0 17	17 6	0 37	5 0	0 43	20 41	1 35	10 31	11 28	16 44	17 5	1 57	17 12	6 13
T 24	1 11	26 16	3 3	10 39	1 53	10 51	1 0	2 10	0 42	19 13	0 17	17 4	0 37	4 59	0 43	20 41	1 35	10 32	11 28	16 44	17 5	1 54	17 13	6 13
W25	1 35	23 46	1 59	10 14	1 58	10 26	1 2	2 28	0 42	19 11	0 17	17 3	0 37	4 58	0 43	20 41	1 35	10 32	11 27	16 44	17 6	1 51	17 13	6 12
T 26	1 59	19 47	0 47	9 47	2 3	10 1	1 4	2 47	0 41	19 9	0 17	17 1	0 37	4 57	0 43	20 41	1 35	10 32	11 27	16 44	17 7	1 48	17 14	6 12
F 27	2 22	14 32	0n31	9 20	2 7	9 35	1 6	3 6	0 41	19 6	0 18	17 0	0 37	4 56	0 43	20 41	1 35	10 33	11 27	16 44	17 8	1 44	17 14	6 11
S 28	2 46	8 20	1 48	8 51	2 11	9 10	1 8	3 25	0 40	19 4	0 18	16 58	0 38	4 55	0 43	20 41	1 35	10 33	11 27	16 44	17 9	1 41	17 15	6 11
S 29	3 9	1 33	2 59	8 20	2 14	8 44	1 10	3 43	0 40	19 2	0 18	16 57	0 38	4 54	0 43	20 41	1 35	10 33	11 26	16 46	17 10	1 38	17 15	6 10
M30	3 32	5n22	3 58	7 49	2 17	8 17	1 12	4 2	0 39	18 59	0 18	16 56	0 38	4 53	0 43	20 41	1 35	10 34	11 26	16 47	17 11	1 35	17 15	6 10
T 31	3n56	11n57	4n40	7s16	2s20	7s51	1s14	4n20	0s38	18s57	0s18	16s54	0s38	4s52	0n43	20s41	1n35	10n34	11s26	16s50	17s12	1n31	17n16	6s10

Julian Day Number = 2502372.5, Delta T = 114.53 sec
Ecliptic obliquity = 23°25'23, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°41'05, Lahiri = 25°48'06

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ASTRODIENST EPHEMERIS for the year 2139
geocentric

APRIL 2139 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 36 3	10♈55'03	4♉31	18♓31	14♓ 8	13♈16	6♒35	15♒10	14°R 0	12°R16	9♊39	13°R 6	11♒54	19♍ 2	29♊39	W 1
T 2	12 39 59	11°54'22	19° 8	20° 4	15°21	14° 2	6°44	15°15	13♎57	12♐15	9°40	12♒58	11°51	19° 9	29°42	T 2
F 3	12 43 56	12°53'39	3♊19	21°37	16°35	14°48	6°54	15°20	13°54	12°14	9°40	12°50	11°48	19°16	29°44	F 3
S 4	12 47 52	13°52'53	17° 0	23°13	17°49	15°34	7° 3	15°25	13°52	12°14	9°41	12°45	11°45	19°22	29°46	S 4
S 5	12 51 49	14°52'06	0♋12	24°50	19° 2	16°20	7°12	15°29	13°49	12°13	9°42	12°42	11°41	19°29	29°49	S 5
M 6	12 55 45	15°51'16	12°58	26°28	20°16	17° 6	7°21	15°34	13°47	12°12	9°43	12°D40	11°38	19°36	29°51	M 6
T 7	12 59 42	16°50'23	25°22	28° 7	21°29	17°52	7°30	15°39	13°44	12°12	9°44	12°41	11°35	19°43	29°54	T 7
W 8	13 3 38	17°49'29	7♌29	29°48	22°43	18°38	7°39	15°43	13°41	12°11	9°45	12°R41	11°32	19°49	29°57	W 8
T 9	13 7 35	18°48'32	19°25	1♈31	23°56	19°24	7°47	15°48	13°39	12°10	9°46	12°41	11°29	19°56	29°59	T 9
F 10	13 11 32	19°47'33	1♍14	3°15	25°10	20°10	7°56	15°52	13°36	12° 9	9°46	12°39	11°26	20° 3	0♋ 2	F 10
S 11	13 15 28	20°46'31	13° 2	5° 0	26°23	20°55	8° 4	15°57	13°34	12° 9	9°47	12°35	11°22	20° 9	0° 5	S 11
S 12	13 19 25	21°45'27	24°51	6°47	27°37	21°41	8°13	16° 1	13°31	12° 8	9°48	12°28	11°19	20°16	0° 8	S 12
M13	13 23 21	22°44'22	6♎44	8°36	28°50	22°27	8°21	16° 5	13°28	12° 7	9°49	12°19	11°16	20°23	0°11	M13
T 14	13 27 18	23°43'14	18°44	10°26	0♈ 4	23°12	8°29	16° 9	13°26	12° 6	9°50	12° 7	11°13	20°29	0°14	T 14
W15	13 31 14	24°42'04	0♏52	12°17	1°18	23°58	8°36	16°13	13°23	12° 5	9°51	11°54	11°10	20°36	0°17	W15
T 16	13 35 11	25°40'52	13° 9	14°10	2°31	24°44	8°44	16°17	13°21	12° 4	9°52	11°41	11° 6	20°43	0°21	T 16
F 17	13 39 7	26°39'38	25°35	16° 4	3°45	25°29	8°52	16°21	13°18	12° 3	9°53	11°29	11° 3	20°49	0°24	F 17
S 18	13 43 4	27°38'23	8♐12	18° 0	4°58	26°15	8°59	16°25	13°16	12° 2	9°54	11°19	11° 0	20°56	0°27	S 18
S 19	13 47 0	28°37'05	21° 0	19°58	6°12	27° 0	9° 6	16°28	13°13	12° 1	9°55	11°11	10°57	21° 3	0°31	S 19
M20	13 50 57	29°35'46	4♑ 1	21°57	7°25	27°45	9°14	16°32	13°11	12° 0	9°56	11° 7	10°54	21° 9	0°34	M20
T 21	13 54 54	0♑34'26	17°17	23°57	8°39	28°31	9°21	16°36	13° 8	11°59	9°58	11° 4	10°51	21°16	0°38	T 21
W22	13 58 50	1°33'03	0♒49	25°59	9°52	29°16	9°27	16°39	13° 6	11°58	9°59	11°D 4	10°47	21°23	0°41	W22
T 23	14 2 47	2°31'39	14°40	28° 2	11° 6	0♉ 1	9°34	16°42	13° 4	11°57	10° 0	11°R 4	10°44	21°29	0°45	T 23
F 24	14 6 43	3°30'14	28°50	0♉ 6	12°20	0°46	9°41	16°46	13° 1	11°55	10° 1	11° 3	10°41	21°36	0°49	F 24
S 25	14 10 40	4°28'46	13♓19	2°12	13°33	1°31	9°47	16°49	12°59	11°54	10° 2	11° 1	10°38	21°43	0°53	S 25
S 26	14 14 36	5°27'17	28° 3	4°18	14°47	2°17	9°53	16°52	12°57	11°53	10° 3	10°55	10°35	21°49	0°56	S 26
M27	14 18 33	6°25'47	12♈58	6°26	16° 0	3° 2	9°59	16°55	12°54	11°52	10° 4	10°47	10°32	21°56	1° 0	M27
T 28	14 22 29	7°24'14	27°53	8°34	17°14	3°47	10° 5	16°58	12°52	11°50	10° 6	10°37	10°28	22° 3	1° 4	T 28
W29	14 26 26	8°22'40	12♉42	10°42	18°27	4°32	10°11	17° 1	12°50	11°49	10° 7	10°25	10°25	22° 9	1° 8	W29
T 30	14 30 23	9♉21'04	27♉15	12♉51	19♈41	5♉16	10♒17	17♒ 3	12♎47	11♐48	10♊ 8	10♒14	10♒22	22♍16	1♋13	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n19	17n45	5n 2	6s43	2s22	7s24	1s15	4n39	0s38	18s55	0s18	16s53	0s38	4s51	0n43	20s40	1n35	10n35	11s26	16s52	17s13	1n28	17n16	6s 9
T 2	4 42	22 21	5 3	6 8	2 23	6 57	1 17	4 57	0 37	18 52	0 18	16 52	0 38	4 50	0 43	20 40	1 35	10 35	11 25	16 55	17 13	1 25	17 17	6 9
F 3	5 5	25 29	4 46	5 32	2 24	6 30	1 18	5 16	0 37	18 50	0 19	16 50	0 38	4 49	0 43	20 40	1 35	10 35	11 25	16 57	17 14	1 22	17 17	6 8
S 4	5 28	26 59	4 13	4 55	2 25	6 2	1 20	5 34	0 36	18 48	0 19	16 49	0 38	4 48	0 43	20 40	1 35	10 36	11 25	16 58	17 15	1 18	17 18	6 8
S 5	5 51	26 52	3 27	4 16	2 25	5 35	1 21	5 52	0 36	18 46	0 19	16 48	0 38	4 47	0 43	20 40	1 35	10 36	11 25	16 59	17 16	1 15	17 18	6 7
M 6	6 14	25 19	2 32	3 37	2 25	5 7	1 23	6 10	0 35	18 44	0 19	16 46	0 39	4 46	0 43	20 40	1 35	10 36	11 24	17 0	17 17	1 12	17 18	6 7
T 7	6 37	22 33	1 31	2 57	2 24	4 39	1 24	6 28	0 34	18 42	0 19	16 45	0 39	4 45	0 43	20 40	1 35	10 37	11 24	17 0	17 18	1 9	17 19	6 7
W 8	6 59	18 50	0 28	2 15	2 22	4 12	1 25	6 46	0 34	18 40	0 19	16 44	0 39	4 44	0 43	20 40	1 36	10 37	11 24	16 59	17 19	1 5	17 19	6 6
T 9	7 22	14 25	0s36	1 33	2 20	3 43	1 26	7 4	0 33	18 37	0 20	16 43	0 39	4 43	0 43	20 39	1 36	10 37	11 24	16 59	17 20	1 2	17 20	6 6
F 10	7 44	9 31	1 37	0 49	2 18	3 15	1 27	7 22	0 33	18 35	0 20	16 41	0 39	4 42	0 43	20 39	1 36	10 38	11 23	17 0	17 20	0 59	17 20	6 5
S 11	8 6	4 17	2 34	0 5	2 15	2 47	1 28	7 40	0 32	18 33	0 20	16 40	0 39	4 41	0 43	20 39	1 36	10 38	11 23	17 1	17 21	0 56	17 20	6 5
S 12	8 28	1s 5	3 24	0n40	2 12	2 19	1 29	7 58	0 31	18 31	0 20	16 39	0 39	4 40	0 43	20 39	1 36	10 38	11 23	17 3	17 22	0 52	17 21	6 5
M13	8 50	6 26	4 6	1 27	2 8	1 50	1 30	8 15	0 31	18 29	0 20	16 38	0 40	4 39	0 43	20 39	1 36	10 39	11 23	17 6	17 23	0 49	17 21	6 4
T 14	9 12	11 36	4 37	2 14	2 4	1 22	1 31	8 33	0 30	18 28	0 20	16 37	0 40	4 38	0 43	20 39	1 36	10 39	11 23	17 9	17 24	0 46	17 22	6 4
W15	9 34	16 23	4 55	3 2	1 59	0 53	1 31	8 50	0 30	18 26	0 21	16 36	0 40	4 37	0 43	20 39	1 36	10 39	11 22	17 13	17 25	0 43	17 22	6 3
T 16	9 55	20 33	5 1	3 50	1 54	0 24	1 32	9 7	0 29	18 24	0 21	16 35	0 40	4 37	0 43	20 38	1 36	10 40	11 22	17 16	17 26	0 39	17 22	6 3
F 17	10 16	23 52	4 52	4 40	1 48	0n 4	1 32	9 24	0 28	18 22	0 21	16 34	0 40	4 36	0 43	20 38	1 36	10 40	11 22	17 20	17 27	0 36	17 23	6 3
S 18	10 38	26 5	4 29	5 30	1 41	0 33	1 33	9 41	0 28	18 20	0 21	16 33	0 40	4 35	0 43	20 38	1 36	10 40	11 22	17 22	17 27	0 33	17 23	6 2
S 19	10 59	26 59	3 52	6 21	1 34	1 2	1 33	9 58	0 27	18 18	0 21	16 32	0 40	4 34	0 43	20 38	1 36	10 41	11 22	17 24	17 28	0 30	17 23	6 2
M20	11 19	26 24	3 3	7 12	1 27	1 31	1 34	10 15	0 27	18 17	0 21	16 31	0 40	4 33	0 43	20 38	1 36	10 41	11 21	17 26	17 29	0 27	17 24	6 2
T 21	11 40	24 20	2 2	8 3	1 19	1 59	1 34	10 32	0 26	18 15	0 22	16 30	0 41	4 32	0 43	20 37	1 36	10 41	11 21	17 26	17 30	0 23	17 24	6 1
W22	12 0	20 50	0 54	8 55	1 11	2 28	1 34	10 49	0 25	18 13	0 22	16 29	0 41	4 31	0 43	20 37	1 36	10 42	11 21	17 26	17 31	0 20	17 24	6 1
T 23	12 21	16 7	0n19	9 48	1 2	2 57	1 34	11 5	0 25	18 12	0 22	16 28	0 41	4 30	0 43	20 37	1 36	10 42	11 21	17 26	17 32	0 17	17 25	6 1
F 24	12 41	10 25	1 33	10 40	0 53	3 25	1 34	11 21	0 24	18 10	0 22	16 27	0 41	4 29	0 43	20 37	1 36	10 42	11 21	17 27	17 33	0 14	17 25	6 0
S 25	13 0	4 4	2 42	11 32	0 44	3 54	1 34	11 38	0 24	18 9	0 22	16 26	0 41	4 28	0 43	20 37	1 36	10 43	11 20	17 27	17 34	0 10	17 25	6 0
S 26	13 20	2n37	3 41	12 25	0 34	4 22	1 34	11 54	0 23	18 7	0 22	16 26	0 41	4 27	0 43	20 37	1 36	10 43	11 20	17 29	17 34	0 7	17 26	6 0
M27	13 39	9 12	4 26	13 16	0 24	4 51	1 34	12 10	0 22	18 6	0 23	16 25	0 41	4 26	0 43	20 36	1 36	10 43	11 20	17 31	17 35	0 4	17 26	5 59
T 28	13 58	15 16	4 53	14 8	0 14	5 19	1 34	12 26	0 22	18 4	0 23	16 24	0 42	4 25	0 43	20 36	1 36	10 44	11 20	17 34	17 36	0 1	17 26	5 59
W29	14 17	20 24	5 0	14 58	0 3	5 47	1 33	12 41	0 21	18 3	0 23	16 23	0 42	4 25	0 43	20 36	1 36	10 44	11 20	17 37	17 37	0s 3	17 27	5 59
T 30	14n36	24n11	4n47	15n48	0n 7	6n16	1s33	12n57	0s20	18s 2	0s23	16s23	0s42	4s24	0n43	20s36	1n36	10n44	11s20	17s40	17s38	0s 6	17n27	5s58

Julian Day Number = 2502403.5, Delta T = 114.58 sec
Ecliptic obliquity = 23°25'23, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°41'09, Lahiri = 25°48'10

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ASTRODIENST EPHEMERIS for the year 2139
geocentric

MAY 2139 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 34 19	10♉19'26	11♊25	15♉ 0	20♈54	6♉ 1	10♒22	17♒ 6	12°R45	11°R47	10♊ 9	10°R 4	10♒19	22♍23	1♋17	F 1
S 2	14 38 16	11°17'47	25° 8	17° 9	22° 8	6°46	10°27	17° 9	12♎43	11♐45	10°10	9♒56	10°16	22°29	1°21	S 2
S 3	14 42 12	12°16'05	8♋23	19°17	23°22	7°31	10°32	17°11	12°41	11°44	10°12	9°51	10°12	22°36	1°25	S 3
M 4	14 46 9	13°14'21	21°13	21°24	24°35	8°16	10°37	17°14	12°39	11°43	10°13	9°48	10° 9	22°43	1°29	M 4
T 5	14 50 5	14°12'35	3♌40	23°30	25°49	9° 0	10°42	17°16	12°37	11°41	10°14	9°47	10° 6	22°50	1°34	T 5
W 6	14 54 2	15°10'47	15°49	25°34	27° 2	9°45	10°47	17°18	12°35	11°40	10°15	9°47	10° 3	22°56	1°38	W 6
T 7	14 57 59	16° 8'57	27°46	27°37	28°16	10°29	10°51	17°20	12°33	11°38	10°16	9°47	10° 0	23° 3	1°43	T 7
F 8	15 1 55	17° 7'05	9♍37	29°37	29°29	11°14	10°55	17°22	12°31	11°37	10°18	9°45	9°57	23°10	1°47	F 8
S 9	15 5 52	18° 5'11	21°25	1♎36	0♉43	11°58	11° 0	17°24	12°29	11°36	10°19	9°41	9°53	23°16	1°52	S 9
S 10	15 9 48	19° 3'16	3♏17	3°32	1°56	12°43	11° 3	17°26	12°27	11°34	10°20	9°35	9°50	23°23	1°56	S 10
M11	15 13 45	20° 1'18	15°15	5°25	3°10	13°27	11° 7	17°28	12°25	11°33	10°22	9°26	9°47	23°30	2° 1	M11
T 12	15 17 41	20°59'19	27°23	7°15	4°23	14°11	11°11	17°29	12°23	11°31	10°23	9°14	9°44	23°36	2° 6	T 12
W13	15 21 38	21°57'18	9♏41	9° 2	5°37	14°55	11°14	17°31	12°21	11°30	10°24	9° 2	9°41	23°43	2°11	W13
T 14	15 25 34	22°55'15	22°12	10°46	6°50	15°39	11°17	17°32	12°19	11°28	10°26	8°49	9°38	23°50	2°15	T 14
F 15	15 29 31	23°53'11	4♐56	12°27	8° 4	16°24	11°20	17°34	12°18	11°27	10°27	8°37	9°34	23°56	2°20	F 15
S 16	15 33 27	24°51'05	17°51	14° 4	9°17	17° 8	11°23	17°35	12°16	11°25	10°28	8°27	9°31	24° 3	2°25	S 16
S 17	15 37 24	25°48'58	0♑58	15°38	10°31	17°52	11°26	17°36	12°14	11°24	10°29	8°19	9°28	24°10	2°30	S 17
M18	15 41 21	26°46'50	14°16	17° 8	11°44	18°36	11°28	17°37	12°13	11°22	10°31	8°15	9°25	24°16	2°35	M18
T 19	15 45 17	27°44'40	27°44	18°35	12°58	19°19	11°31	17°38	12°11	11°20	10°32	8°12	9°22	24°23	2°40	T 19
W20	15 49 14	28°42'29	11♒25	19°58	14°11	20° 3	11°33	17°39	12°10	11°19	10°33	8°D12	9°18	24°30	2°45	W20
T 21	15 53 10	29°40'17	25°16	21°17	15°25	20°47	11°35	17°40	12° 8	11°17	10°35	8°R12	9°15	24°36	2°50	T 21
F 22	15 57 7	0♊38'04	9♓20	22°33	16°38	21°31	11°36	17°40	12° 7	11°16	10°36	8°12	9°12	24°43	2°55	F 22
S 23	16 1 3	1°35'50	23°36	23°44	17°52	22°15	11°38	17°41	12° 5	11°14	10°38	8°10	9° 9	24°50	3° 0	S 23
S 24	16 5 0	2°33'34	8♈ 0	24°52	19° 5	22°58	11°39	17°41	12° 4	11°13	10°39	8° 6	9° 6	24°56	3° 6	S 24
M25	16 8 57	3°31'18	22°31	25°56	20°19	23°42	11°40	17°42	12° 3	11°11	10°40	8° 0	9° 3	25° 3	3°11	M25
T 26	16 12 53	4°29'01	7♉ 2	26°56	21°33	24°25	11°41	17°42	12° 1	11° 9	10°42	7°51	8°59	25°10	3°16	T 26
W27	16 16 50	5°26'42	21°27	27°52	22°46	25° 9	11°42	17°42	12° 0	11° 8	10°43	7°42	8°56	25°17	3°21	W27
T 28	16 20 46	6°24'22	5♊41	28°44	24° 0	25°52	11°43	17°R42	11°59	11° 6	10°44	7°32	8°53	25°23	3°27	T 28
F 29	16 24 43	7°22'01	19°36	29°32	25°13	26°36	11°43	17°42	11°58	11° 4	10°46	7°23	8°50	25°30	3°32	F 29
S 30	16 28 39	8°19'39	3♋10	0♋15	26°27	27°19	11°43	17°42	11°57	11° 3	10°47	7°17	8°47	25°37	3°37	S 30
S 31	16 32 36	9♊17'16	16♋21	0♋54	27♉40	28♉ 2	11°R43	17♒42	11♎56	11♐ 1	10♊48	7♒13	8♒44	25♍43	3♋43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n54	26n23	4n17	16n37	0n18	6n44	1s32	13n12	0s20	18s 0	0s23	16s22	0s42	4s23	0n42	20s36	1n36	10n45	11s19	17s43	17s39	0s 9	17n27	5s58
S 2	15 13	26 53	3 33	17 24	0 29	7 11	1 32	13 28	0 19	17 59	0 24	16 21	0 42	4 22	0 42	20 35	1 36	10 45	11 19	17 45	17 40	0 12	17 27	5 58
S 3	15 30	25 47	2 38	18 10	0 39	7 39	1 31	13 43	0 19	17 58	0 24	16 21	0 42	4 21	0 42	20 35	1 36	10 45	11 19	17 46	17 40	0 16	17 28	5 57
M 4	15 48	23 21	1 37	18 54	0 50	8 7	1 31	13 58	0 18	17 57	0 24	16 20	0 42	4 20	0 42	20 35	1 36	10 46	11 19	17 47	17 41	0 19	17 28	5 57
T 5	16 6	19 51	0 32	19 36	1 0	8 34	1 30	14 13	0 17	17 56	0 24	16 20	0 43	4 20	0 42	20 35	1 36	10 46	11 19	17 47	17 42	0 22	17 28	5 57
W 6	16 23	15 35	0s32	20 16	1 10	9 1	1 29	14 28	0 17	17 54	0 24	16 19	0 43	4 19	0 42	20 35	1 36	10 46	11 19	17 47	17 43	0 25	17 28	5 56
T 7	16 40	10 46	1 34	20 54	1 19	9 28	1 28	14 42	0 16	17 53	0 24	16 19	0 43	4 18	0 42	20 34	1 36	10 47	11 19	17 47	17 44	0 28	17 29	5 56
F 8	16 56	5 38	2 31	21 30	1 28	9 55	1 28	14 57	0 15	17 52	0 25	16 18	0 43	4 17	0 42	20 34	1 36	10 47	11 18	17 48	17 45	0 32	17 29	5 56
S 9	17 12	0 19	3 21	22 3	1 37	10 22	1 27	15 11	0 15	17 52	0 25	16 18	0 43	4 17	0 42	20 34	1 36	10 47	11 18	17 49	17 45	0 35	17 29	5 56
S 10	17 28	5s 1	4 3	22 34	1 45	10 48	1 26	15 25	0 14	17 51	0 25	16 17	0 43	4 16	0 42	20 34	1 36	10 47	11 18	17 50	17 46	0 38	17 29	5 55
M11	17 44	10 13	4 35	23 2	1 52	11 14	1 24	15 39	0 13	17 50	0 25	16 17	0 43	4 15	0 42	20 34	1 36	10 48	11 18	17 53	17 47	0 41	17 29	5 55
T 12	17 59	15 6	4 54	23 27	1 59	11 40	1 23	15 53	0 13	17 49	0 25	16 17	0 44	4 15	0 42	20 33	1 37	10 48	11 18	17 56	17 48	0 45	17 30	5 55
W13	18 15	19 27	5 1	23 50	2 5	12 6	1 22	16 7	0 12	17 48	0 26	16 16	0 44	4 14	0 42	20 33	1 37	10 48	11 18	17 59	17 49	0 48	17 30	5 55
T 14	18 29	23 1	4 53	24 11	2 10	12 31	1 21	16 20	0 11	17 48	0 26	16 16	0 44	4 13	0 42	20 33	1 37	10 49	11 18	18 3	17 50	0 51	17 30	5 54
F 15	18 44	25 32	4 30	24 29	2 14	12 56	1 20	16 33	0 11	17 47	0 26	16 16	0 44	4 13	0 42	20 33	1 37	10 49	11 18	18 6	17 51	0 54	17 30	5 54
S 16	18 58	26 44	3 53	24 45	2 18	13 21	1 18	16 46	0 10	17 46	0 26	16 15	0 44	4 12	0 42	20 32	1 37	10 49	11 18	18 8	17 51	0 57	17 30	5 54
S 17	19 12	26 29	3 4	24 58	2 20	13 45	1 17	16 59	0 10	17 46	0 26	16 15	0 44	4 11	0 42	20 32	1 37	10 49	11 17	18 10	17 52	1 1	17 30	5 54
M18	19 25	24 42	2 3	25 9	2 22	14 9	1 15	17 12	0 9	17 45	0 27	16 15	0 45	4 11	0 42	20 32	1 37	10 50	11 17	18 12	17 53	1 4	17 30	5 54
T 19	19 39	21 30	0 55	25 18	2 23	14 33	1 14	17 25	0 8	17 45	0 27	16 15	0 45	4 10	0 42	20 32	1 37	10 50	11 17	18 12	17 54	1 7	17 30	5 53
W20	19 51	17 4	0n17	25 25	2 23	14 56	1 12	17 37	0 8	17 45	0 27	16 15	0 45	4 10	0 42	20 32	1 37	10 50	11 17	18 12	17 55	1 10	17 31	5 53
T 21	20 4	11 41	1 29	25 30	2 22	15 19	1 11	17 50	0 7	17 44	0 27	16 15	0 45	4 9	0 42	20 31	1 37	10 50	11 17	18 12	17 56	1 14	17 31	5 53
F 22	20 16	5 38	2 38	25 33	2 20	15 42	1 9	18 2	0 6	17 44	0 27	16 15	0 45	4 8	0 42	20 31	1 37	10 51	11 17	18 12	17 56	1 17	17 31	5 53
S 23	20 28	0n47	3 37	25 34	2 18	16 4	1 7	18 14	0 6	17 44	0 28	16 15	0 45	4 8	0 42	20 31	1 37	10 51	11 17	18 13	17 57	1 20	17 31	5 53
S 24	20 39	7 12	4 23	25 34	2 14	16 26	1 6	18 25	0 5	17 43	0 28	16 15	0 45	4 7	0 42	20 31	1 37	10 51	11 17	18 14	17 58	1 23	17 31	5 52
M25	20 51	13 17	4 52	25 31	2 10	16 47	1 4	18 37	0 4	17 43	0 28	16 15	0 46	4 7	0 42	20 30	1 37	10 51	11 17	18 15	17 59	1 26	17 31	5 52
T 26	21 1	18 37	5 3	25 28	2 4	17 8	1 2	18 48	0 4	17 43	0 28	16 15	0 46	4 6	0 42	20 30	1 37	10 52	11 17	18 18	18 0	1 30	17 31	5 52
W27	21 12	22 51	4 55	25 23	1 58	17 29	1 0	18 59	0 3	17 43	0 29	16 15	0 46	4 6	0 42	20 30	1 37	10 52	11 17	18 20	18 1	1 33	17 31	5 52
T 28	21 22	25 38	4 28	25 16	1 51	17 49	0 58	19 10	0 2	17 43	0 29	16 15	0 46	4 6	0 42	20 30	1 37	10 52	11 17	18 22	18 1	1 36	17 31	5 52
F 29	21 31	26 46	3 46	25 8	1 43	18 9	0 56	19 21	0 2	17 43	0 29	16 15	0 46	4 5	0 42	20 30	1 37	10 52	11 17	18 25	18 2	1 39	17 31	5 52
S 30	21 41	26 14	2 51	24 59	1 34	18 28	0 54	19 32	0 1	17 44	0 29	16 15	0 46	4 5	0 42	20 29	1 37	10 53	11 17	18 26	18 3	1 42	17 31	5 51
S 31	21n50	24n14	1n49	24n49	1n24	18n47	0s52	19n42	0s 0	17s44	0s29	16s15	0s47	4s 4	0n42	20s29	1n37	10n53	11s16	18s27	18s 4	1s46	17n31	5s51

Julian Day Number = 2502433.5, Delta T = 114.63 sec
Ecliptic obliquity = 23°25'22, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°41'14, Lahiri = 25°48'14

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ASTRODIENST EPHEMERIS for the year 2139
geocentric

JUNE 2139 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 36 32	10♊14'51	29♋ 8	1♋29	28♉54	28♉45	11°R43	17°R42	11°R55	11°R 0	10♊50	7°R11	8♒40	25♍50	3♋48	M 1
T 2	16 40 29	11°12'25	11♌36	1°59	0♊ 7	29°29	11♒43	17♒41	11♎54	10♐58	10°51	7°D10	8°37	25°57	3°54	T 2
W 3	16 44 26	12° 9'57	23°47	2°25	1°21	0♊12	11°42	17°41	11°53	10°56	10°53	7♒11	8°34	26° 3	3°59	W 3
T 4	16 48 22	13° 7'29	5♍46	2°46	2°34	0°55	11°42	17°40	11°52	10°55	10°54	7°12	8°31	26°10	4° 5	T 4
F 5	16 52 19	14° 4'58	17°39	3° 2	3°48	1°38	11°41	17°39	11°51	10°53	10°55	7°R12	8°28	26°17	4°10	F 5
S 6	16 56 15	15° 2'27	29°29	3°14	5° 1	2°21	11°39	17°39	11°50	10°51	10°57	7°11	8°24	26°23	4°16	S 6
S 7	17 0 12	15°59'54	11♎23	3°21	6°15	3° 3	11°38	17°38	11°50	10°50	10°58	7° 8	8°21	26°30	4°21	S 7
M 8	17 4 8	16°57'20	23°25	3°R24	7°28	3°46	11°37	17°37	11°49	10°48	10°59	7° 3	8°18	26°37	4°27	M 8
T 9	17 8 5	17°54'45	5♏39	3°22	8°42	4°29	11°35	17°36	11°49	10°47	11° 1	6°56	8°15	26°43	4°33	T 9
W10	17 12 1	18°52'09	18° 6	3°15	9°56	5°12	11°33	17°34	11°48	10°45	11° 2	6°48	8°12	26°50	4°38	W10
T 11	17 15 58	19°49'32	0♐50	3° 4	11° 9	5°54	11°31	17°33	11°48	10°43	11° 3	6°39	8° 9	26°57	4°44	T 11
F 12	17 19 55	20°46'54	13°50	2°50	12°23	6°37	11°29	17°32	11°47	10°42	11° 5	6°32	8° 5	27° 4	4°50	F 12
S 13	17 23 51	21°44'15	27° 5	2°31	13°36	7°20	11°26	17°30	11°47	10°40	11° 6	6°25	8° 2	27°10	4°55	S 13
S 14	17 27 48	22°41'36	10♑34	2° 9	14°50	8° 2	11°24	17°29	11°46	10°39	11° 7	6°21	7°59	27°17	5° 1	S 14
M15	17 31 44	23°38'56	24°16	1°44	16° 3	8°45	11°21	17°27	11°46	10°37	11° 9	6°18	7°56	27°24	5° 7	M15
T 16	17 35 41	24°36'15	8♒ 7	1°16	17°17	9°27	11°18	17°25	11°46	10°36	11°10	6°D18	7°53	27°30	5°12	T 16
W17	17 39 37	25°33'34	22° 6	0°45	18°30	10° 9	11°15	17°24	11°46	10°34	11°12	6°18	7°50	27°37	5°18	W17
T 18	17 43 34	26°30'52	6♓11	0°13	19°44	10°52	11°11	17°22	11°46	10°32	11°13	6°20	7°46	27°44	5°24	T 18
F 19	17 47 30	27°28'10	20°20	29♊40	20°58	11°34	11° 8	17°20	11°46	10°31	11°14	6°21	7°43	27°50	5°30	F 19
S 20	17 51 27	28°25'28	4♈32	29° 6	22°11	12°16	11° 4	17°18	11°D46	10°29	11°15	6°R21	7°40	27°57	5°36	S 20
S 21	17 55 24	29°22'45	18°44	28°32	23°25	12°58	11° 0	17°15	11°46	10°28	11°17	6°19	7°37	28° 4	5°41	S 21
M22	17 59 20	0♋20'02	2♉55	27°58	24°38	13°40	10°56	17°13	11°46	10°26	11°18	6°16	7°34	28°10	5°47	M22
T 23	18 3 17	1°17'19	17° 1	27°26	25°52	14°22	10°52	17°11	11°46	10°25	11°19	6°12	7°30	28°17	5°53	T 23
W24	18 7 13	2°14'36	0♊59	26°55	27° 6	15° 4	10°48	17° 8	11°46	10°23	11°21	6° 7	7°27	28°24	5°59	W24
T 25	18 11 10	3°11'53	14°45	26°26	28°19	15°46	10°43	17° 6	11°46	10°22	11°22	6° 2	7°24	28°31	6° 5	T 25
F 26	18 15 6	4° 9'09	28°17	26° 0	29°33	16°28	10°39	17° 3	11°47	10°20	11°23	5°57	7°21	28°37	6°11	F 26
S 27	18 19 3	5° 6'25	11♋32	25°37	0♋47	17°10	10°34	17° 1	11°47	10°19	11°25	5°54	7°18	28°44	6°16	S 27
S 28	18 23 0	6° 3'40	24°29	25°17	2° 0	17°52	10°29	16°58	11°47	10°18	11°26	5°52	7°15	28°51	6°22	S 28
M29	18 26 56	7° 0'55	7♌ 9	25° 1	3°14	18°33	10°24	16°55	11°48	10°16	11°27	5°D52	7°11	28°57	6°28	M29
T 30	18 30 53	7♋58'10	19♌32	24♊49	4♋28	19♊15	10♒18	16♒52	11♎48	10♐15	11♊28	5♒52	7♒ 8	29♍ 4	6♋34	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n58	21n 1	0n43	24n38	1n13	19n 5	0s50	19n52	0n 0	17s44	0s30	16s16	0s47	4s 4	0n42	20s29	1n37	10n53	11s16	18s28	18s 5	1s49	17n31	5s51
T 2	22 6	16 55	0s24	24 26	1 2	19 23	0 48	20 2	0 1	17 44	0 30	16 16	0 47	4 4	0 41	20 29	1 37	10 53	11 16	18 28	18 6	1 52	17 31	5 51
W 3	22 14	12 12	1 28	24 13	0 49	19 40	0 46	20 12	0 2	17 45	0 30	16 16	0 47	4 3	0 41	20 28	1 37	10 54	11 16	18 28	18 6	1 55	17 31	5 51
T 4	22 21	7 6	2 27	24 0	0 36	19 57	0 44	20 22	0 2	17 45	0 30	16 17	0 47	4 3	0 41	20 28	1 37	10 54	11 16	18 28	18 7	1 58	17 31	5 51
F 5	22 28	1 49	3 20	23 46	0 22	20 13	0 42	20 31	0 3	17 46	0 30	16 17	0 47	4 3	0 41	20 28	1 37	10 54	11 16	18 28	18 8	2 2	17 31	5 51
S 6	22 35	3s31	4 4	23 31	0 8	20 28	0 39	20 40	0 4	17 46	0 31	16 17	0 47	4 3	0 41	20 28	1 37	10 54	11 16	18 28	18 9	2 5	17 31	5 51
S 7	22 41	8 45	4 37	23 15	0s 8	20 44	0 37	20 49	0 4	17 47	0 31	16 18	0 48	4 2	0 41	20 28	1 37	10 54	11 16	18 29	18 10	2 8	17 31	5 51
M 8	22 47	13 43	4 59	22 59	0 23	20 58	0 35	20 58	0 5	17 47	0 31	16 18	0 48	4 2	0 41	20 27	1 37	10 55	11 16	18 30	18 11	2 11	17 31	5 51
T 9	22 52	18 13	5 7	22 43	0 40	21 12	0 33	21 7	0 5	17 48	0 31	16 19	0 48	4 2	0 41	20 27	1 37	10 55	11 16	18 32	18 11	2 14	17 30	5 50
W10	22 57	22 2	5 1	22 27	0 56	21 25	0 30	21 15	0 6	17 49	0 31	16 19	0 48	4 2	0 41	20 27	1 37	10 55	11 16	18 34	18 12	2 18	17 30	5 50
T 11	23 2	24 53	4 41	22 10	1 13	21 38	0 28	21 23	0 7	17 49	0 32	16 20	0 48	4 2	0 41	20 27	1 37	10 55	11 16	18 36	18 13	2 21	17 30	5 50
F 12	23 6	26 30	4 5	21 53	1 31	21 50	0 26	21 31	0 7	17 50	0 32	16 20	0 48	4 2	0 41	20 27	1 37	10 55	11 16	18 38	18 14	2 24	17 30	5 50
S 13	23 10	26 39	3 16	21 36	1 48	22 2	0 23	21 39	0 8	17 51	0 32	16 21	0 49	4 1	0 41	20 26	1 37	10 55	11 16	18 39	18 15	2 27	17 30	5 50
S 14	23 13	25 14	2 15	21 19	2 5	22 13	0 21	21 47	0 9	17 52	0 32	16 21	0 49	4 1	0 41	20 26	1 36	10 56	11 16	18 40	18 16	2 30	17 30	5 50
M15	23 16	22 19	1 5	21 3	2 22	22 23	0 19	21 54	0 9	17 53	0 33	16 22	0 49	4 1	0 41	20 26	1 36	10 56	11 16	18 41	18 16	2 33	17 30	5 50
T 16	23 19	18 4	0n10	20 47	2 38	22 33	0 16	22 1	0 10	17 54	0 33	16 23	0 49	4 1	0 41	20 26	1 36	10 56	11 16	18 41	18 17	2 37	17 29	5 50
W17	23 21	12 48	1 25	20 31	2 54	22 42	0 14	22 8	0 11	17 55	0 33	16 23	0 49	4 1	0 41	20 25	1 36	10 56	11 16	18 41	18 18	2 40	17 29	5 50
T 18	23 23	6 50	2 35	20 16	3 9	22 50	0 12	22 15	0 11	17 56	0 33	16 24	0 49	4 1	0 41	20 25	1 36	10 56	11 16	18 41	18 19	2 43	17 29	5 50
F 19	23 24	0 31	3 36	20 2	3 23	22 58	0 9	22 21	0 12	17 57	0 33	16 25	0 49	4 1	0 41	20 25	1 36	10 56	11 16	18 40	18 20	2 46	17 29	5 50
S 20	23 25	5n51	4 24	19 48	3 37	23 5	0 7	22 27	0 13	17 59	0 34	16 26	0 50	4 1	0 41	20 25	1 36	10 56	11 16	18 40	18 20	2 49	17 28	5 50
S 21	23 25	11 54	4 57	19 36	3 49	23 11	0 4	22 33	0 13	18 0	0 34	16 27	0 50	4 1	0 41	20 25	1 36	10 57	11 16	18 41	18 21	2 52	17 28	5 50
M22	23 25	17 20	5 10	19 24	4 0	23 17	0 2	22 39	0 14	18 1	0 34	16 27	0 50	4 1	0 41	20 25	1 36	10 57	11 16	18 41	18 22	2 56	17 28	5 50
T 23	23 25	21 47	5 5	19 14	4 10	23 22	0n 0	22 45	0 15	18 3	0 34	16 28	0 50	4 2	0 41	20 24	1 36	10 57	11 16	18 43	18 23	2 59	17 28	5 50
W24	23 24	24 57	4 42	19 5	4 18	23 26	0 3	22 50	0 15	18 4	0 34	16 29	0 50	4 2	0 41	20 24	1 36	10 57	11 17	18 44	18 24	3 2	17 27	5 50
T 25	23 23	26 35	4 3	18 58	4 25	23 30	0 5	22 56	0 16	18 5	0 35	16 30	0 50	4 2	0 41	20 24	1 36	10 57	11 17	18 45	18 24	3 5	17 27	5 50
F 26	23 21	26 36	3 11	18 52	4 30	23 33	0 8	23 1	0 16	18 7	0 35	16 31	0 50	4 2	0 40	20 24	1 36	10 57	11 17	18 46	18 25	3 8	17 27	5 50
S 27	23 19	25 4	2 9	18 47	4 34	23 35	0 10	23 5	0 17	18 8	0 35	16 32	0 51	4 2	0 40	20 24	1 36	10 57	11 17	18 47	18 26	3 11	17 27	5 50
S 28	23 17	22 13	1 2	18 44	4 37	23 37	0 12	23 10	0 18	18 10	0 35	16 33	0 51	4 2	0 40	20 23	1 36	10 57	11 17	18 47	18 27	3 15	17 26	5 50
M29	23 14	16 22	0s 7	18 42	4 38	23 38	0 15	23 14	0 18	18 12	0 35	16 34	0 51	4 3	0 40	20 23	1 36	10 57	11 17	18 48	18 28	3 18	17 26	5 50
T 30	23n11	13n47	1s14	18n42	4s37	23n38	0n17	23n18	0n19	18s13	0s36	16s35	0s51	4s 3	0n40	20s23	1n36	10n58	11s17	18s47	18s28	3s21	17n26	5s50

Julian Day Number = 2502464.5, Delta T = 114.69 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°41'18, Lahiri = 25°48'18

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ASTRODIENST EPHEMERIS for the year 2139
geocentric

JULY 2139 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 34 49	8♋55'24	1♍41	24°R42	5♋41	19♊57	10°R13	16°R49	11♎49	10°R13	11♊30	5♒54	7♒ 5	29♍11	6♋40	W 1
T 2	18 38 46	9°52'38	13°40	24°D39	6°55	20°38	10♒ 7	16♒46	11°50	10♐12	11°31	5°55	7° 2	29°17	6°46	T 2
F 3	18 42 42	10°49'51	25°33	24♊41	8° 9	21°20	10° 1	16°43	11°50	10°11	11°32	5°57	6°59	29°24	6°51	F 3
S 4	18 46 39	11°47'04	7♎25	24°48	9°23	22° 1	9°56	16°40	11°51	10° 9	11°33	5°R58	6°56	29°31	6°57	S 4
S 5	18 50 35	12°44'16	19°20	25° 0	10°36	22°42	9°50	16°37	11°52	10° 8	11°34	5°58	6°52	29°38	7° 3	S 5
M 6	18 54 32	13°41'29	1♏23	25°17	11°50	23°24	9°43	16°33	11°53	10° 7	11°36	5°56	6°49	29°44	7° 9	M 6
T 7	18 58 29	14°38'40	13°38	25°38	13° 4	24° 5	9°37	16°30	11°54	10° 5	11°37	5°54	6°46	29°51	7°15	T 7
W 8	19 2 25	15°35'52	26°10	26° 5	14°17	24°46	9°31	16°27	11°55	10° 4	11°38	5°52	6°43	29°58	7°21	W 8
T 9	19 6 22	16°33'04	9♐ 0	26°37	15°31	25°27	9°24	16°23	11°56	10° 3	11°39	5°49	6°40	0♎ 4	7°26	T 9
F 10	19 10 18	17°30'15	22°11	27°13	16°45	26° 9	9°18	16°19	11°57	10° 2	11°40	5°46	6°36	0°11	7°32	F 10
S 11	19 14 15	18°27'26	5♑43	27°55	17°59	26°50	9°11	16°16	11°58	10° 1	11°41	5°44	6°33	0°18	7°38	S 11
S 12	19 18 11	19°24'38	19°33	28°41	19°12	27°31	9° 4	16°12	11°59	9°59	11°43	5°43	6°30	0°24	7°44	S 12
M13	19 22 8	20°21'49	3♒39	29°32	20°26	28°12	8°57	16° 8	12° 0	9°58	11°44	5°D43	6°27	0°31	7°50	M13
T 14	19 26 4	21°19'01	17°57	0♋28	21°40	28°52	8°50	16° 5	12° 1	9°57	11°45	5°43	6°24	0°38	7°55	T 14
W15	19 30 1	22°16'13	2♓22	1°28	22°54	29°33	8°43	16° 1	12° 3	9°56	11°46	5°44	6°21	0°44	8° 1	W15
T 16	19 33 58	23°13'25	16°49	2°33	24° 8	0♋14	8°36	15°57	12° 4	9°55	11°47	5°44	6°17	0°51	8° 7	T 16
F 17	19 37 54	24°10'38	1♈14	3°43	25°21	0°55	8°29	15°53	12° 5	9°54	11°48	5°45	6°14	0°58	8°12	F 17
S 18	19 41 51	25° 7'52	15°33	4°57	26°35	1°36	8°22	15°49	12° 7	9°53	11°49	5°46	6°11	1° 5	8°18	S 18
S 19	19 45 47	26° 5'06	29°43	6°16	27°49	2°16	8°14	15°45	12° 8	9°52	11°50	5°R46	6° 8	1°11	8°24	S 19
M20	19 49 44	27° 2'21	13♉43	7°38	29° 3	2°57	8° 7	15°41	12°10	9°51	11°51	5°46	6° 5	1°18	8°30	M20
T 21	19 53 40	27°59'36	27°31	9° 6	0♌17	3°37	7°59	15°37	12°11	9°50	11°52	5°45	6° 2	1°25	8°35	T 21
W22	19 57 37	28°56'53	11♊ 5	10°37	1°31	4°18	7°52	15°33	12°13	9°49	11°53	5°44	5°58	1°31	8°41	W22
T 23	20 1 33	29°54'10	24°26	12°12	2°45	4°58	7°44	15°28	12°15	9°48	11°54	5°44	5°55	1°38	8°46	T 23
F 24	20 5 30	0♌51'27	7♋33	13°51	3°59	5°39	7°36	15°24	12°16	9°47	11°55	5°43	5°52	1°45	8°52	F 24
S 25	20 9 27	1°48'46	20°26	15°34	5°12	6°19	7°29	15°20	12°18	9°46	11°56	5°43	5°49	1°51	8°58	S 25
S 26	20 13 23	2°46'05	3♌ 5	17°20	6°26	7° 0	7°21	15°16	12°20	9°46	11°57	5°D42	5°46	1°58	9° 3	S 26
M27	20 17 20	3°43'24	15°31	19°10	7°40	7°40	7°13	15°11	12°22	9°45	11°58	5°42	5°42	2° 5	9° 9	M27
T 28	20 21 16	4°40'44	27°45	21° 3	8°54	8°20	7° 5	15° 7	12°24	9°44	11°59	5°43	5°39	2°12	9°14	T 28
W29	20 25 13	5°38'04	9♍49	22°58	10° 8	9° 0	6°58	15° 3	12°26	9°43	12° 0	5°R43	5°36	2°18	9°20	W29
T 30	20 29 9	6°35'25	21°45	24°56	11°22	9°40	6°50	14°58	12°28	9°43	12° 1	5°43	5°33	2°25	9°25	T 30
F 31	20 33 6	7♌32'47	3♎37	26♋55	12♌36	10♋20	6♒42	14♒54	12♎30	9♐42	12♊ 1	5♒42	5♒30	2♎32	9♋31	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 7	8n44	2s17	18n44	4s36	23n37	0n19	23n22	0n20	18s15	0s36	16s36	0s51	4s 3	0n40	20s23	1n36	10n58	11s17	18s47	18s29	3s24	17n25	5s51
T 2	23 3	3 27	3 13	18 47	4 33	23 36	0 22	23 26	0 20	18 17	0 36	16 37	0 51	4 3	0 40	20 23	1 36	10 58	11 17	18 47	18 30	3 27	17 25	5 51
F 3	22 59	1s54	4 0	18 51	4 28	23 34	0 24	23 29	0 21	18 18	0 36	16 38	0 51	4 4	0 40	20 23	1 36	10 58	11 17	18 46	18 31	3 30	17 24	5 51
S 4	22 54	7 10	4 37	18 56	4 23	23 32	0 26	23 32	0 22	18 20	0 36	16 39	0 52	4 4	0 40	20 22	1 36	10 58	11 17	18 46	18 32	3 34	17 24	5 51
S 5	22 49	12 12	5 2	19 3	4 17	23 28	0 28	23 36	0 22	18 22	0 37	16 40	0 52	4 4	0 40	20 22	1 36	10 58	11 17	18 46	18 33	3 37	17 24	5 51
M 6	22 43	16 50	5 14	19 11	4 9	23 24	0 31	23 38	0 23	18 24	0 37	16 41	0 52	4 5	0 40	20 22	1 36	10 58	11 17	18 46	18 33	3 40	17 23	5 51
T 7	22 37	20 52	5 12	19 20	4 1	23 20	0 33	23 41	0 24	18 26	0 37	16 42	0 52	4 5	0 40	20 22	1 36	10 58	11 17	18 47	18 34	3 43	17 23	5 51
W 8	22 31	24 4	4 55	19 30	3 52	23 14	0 35	23 43	0 24	18 27	0 37	16 44	0 52	4 5	0 40	20 22	1 36	10 58	11 18	18 48	18 35	3 46	17 22	5 51
T 9	22 24	26 8	4 24	19 41	3 42	23 8	0 37	23 45	0 25	18 29	0 37	16 45	0 52	4 6	0 40	20 22	1 36	10 58	11 18	18 48	18 36	3 49	17 22	5 51
F 10	22 17	26 49	3 38	19 52	3 31	23 1	0 39	23 47	0 25	18 31	0 38	16 46	0 52	4 6	0 40	20 22	1 36	10 58	11 18	18 49	18 36	3 52	17 22	5 51
S 11	22 9	25 56	2 38	20 4	3 20	22 54	0 41	23 49	0 26	18 33	0 38	16 47	0 53	4 7	0 40	20 21	1 36	10 58	11 18	18 49	18 37	3 56	17 21	5 52
S 12	22 1	23 27	1 28	20 17	3 8	22 46	0 43	23 51	0 27	18 35	0 38	16 48	0 53	4 7	0 40	20 21	1 36	10 58	11 18	18 50	18 38	3 59	17 21	5 52
M13	21 53	19 30	0 11	20 29	2 56	22 37	0 46	23 52	0 27	18 37	0 38	16 50	0 53	4 8	0 40	20 21	1 36	10 58	11 18	18 50	18 39	4 2	17 20	5 52
T 14	21 44	14 23	1n 7	20 42	2 43	22 28	0 48	23 53	0 28	18 39	0 38	16 51	0 53	4 8	0 40	20 21	1 36	10 58	11 18	18 50	18 40	4 5	17 20	5 52
W15	21 35	8 25	2 22	20 54	2 30	22 18	0 49	23 54	0 29	18 41	0 38	16 52	0 53	4 9	0 40	20 21	1 36	10 58	11 18	18 50	18 40	4 8	17 19	5 52
T 16	21 26	2 0	3 28	21 7	2 17	22 7	0 51	23 55	0 29	18 43	0 39	16 53	0 53	4 9	0 40	20 21	1 36	10 58	11 18	18 49	18 41	4 11	17 19	5 52
F 17	21 16	4n29	4 21	21 19	2 4	21 55	0 53	23 55	0 30	18 45	0 39	16 55	0 53	4 10	0 40	20 21	1 35	10 58	11 18	18 49	18 42	4 14	17 18	5 53
S 18	21 6	10 41	4 57	21 30	1 50	21 43	0 55	23 55	0 30	18 47	0 39	16 56	0 53	4 11	0 40	20 21	1 35	10 58	11 19	18 49	18 43	4 18	17 18	5 53
S 19	20 55	16 16	5 15	21 40	1 36	21 31	0 57	23 55	0 31	18 49	0 39	16 57	0 54	4 11	0 40	20 20	1 35	10 58	11 19	18 49	18 44	4 21	17 17	5 53
M20	20 44	20 56	5 14	21 50	1 23	21 17	0 59	23 55	0 32	18 52	0 39	16 59	0 54	4 12	0 39	20 20	1 35	10 58	11 19	18 49	18 44	4 24	17 17	5 53
T 21	20 33	24 22	4 54	21 58	1 9	21 4	1 0	23 55	0 32	18 54	0 39	17 0	0 54	4 13	0 39	20 20	1 35	10 58	11 19	18 49	18 45	4 27	17 16	5 53
W22	20 21	26 21	4 18	22 5	0 55	20 49	1 2	23 54	0 33	18 56	0 40	17 1	0 54	4 13	0 39	20 20	1 35	10 58	11 19	18 49	18 46	4 30	17 15	5 54
T 23	20 9	26 47	3 29	22 10	0 42	20 34	1 4	23 53	0 34	18 58	0 40	17 3	0 54	4 14	0 39	20 20	1 35	10 58	11 19	18 50	18 47	4 33	17 15	5 54
F 24	19 57	25 42	2 30	22 14	0 29	20 18	1 5	23 52	0 34	19 0	0 40	17 4	0 54	4 15	0 39	20 20	1 35	10 58	11 19	18 50	18 48	4 36	17 14	5 54
S 25	19 45	23 15	1 24	22 15	0 16	20 2	1 7	23 51	0 35	19 2	0 40	17 5	0 54	4 15	0 39	20 20	1 35	10 58	11 20	18 50	18 48	4 39	17 14	5 54
S 26	19 32	19 42	0 15	22 15	0 3	19 45	1 8	23 50	0 35	19 4	0 40	17 7	0 54	4 16	0 39	20 20	1 35	10 58	11 20	18 50	18 49	4 43	17 13	5 55
M27	19 18	15 19	0s54	22 12	0n 9	19 28	1 10	23 48	0 36	19 6	0 40	17 8	0 54	4 17	0 39	20 20	1 35	10 58	11 20	18 50	18 50	4 46	17 12	5 55
T 28	19 5	10 23	1 59	22 7	0 20	19 10	1 11	23 46	0 37	19 8	0 41	17 10	0 54	4 18	0 39	20 20	1 35	10 58	11 20	18 50	18 51	4 49	17 12	5 55
W29	18 51	5 8	2 58	21 59	0 31	18 51	1 12	23 44	0 37	19 11	0 41	17 11	0 55	4 18	0 39	20 20	1 35	10 58	11 20	18 50	18 51	4 52	17 11	5 55
T 30	18 37	0s14	3 49	21 49	0 42	18 32	1 14	23 42	0 38	19 13	0 41	17 12	0 55	4 19	0 39	20 20	1 35	10 58	11 20	18 50	18 52	4 55	17 11	5 56
F 31	18n22	5s33	4s29	21n36	0n51	18n13	1n15	23n40	0n38	19s15	0s41	17s14	0s55	4s20	0n39	20s20	1n35	10n58	11s20	18s50	18s53	4s58	17n10	5s56

Julian Day Number = 2502494.5, Delta T = 114.74 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°41'22, Lahiri = 25°48'22

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ASTRODIENST EPHEMERIS for the year 2139
geocentric

AUGUST 2139 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 2	8♌30'09	15♎28	28♋57	13♌50	11♋ 0	6°R34	14°R49	12♎32	9°R41	12♊ 2	5°R42	5♒27	2♎38	9♋36	S 1
S 2	20 40 59	9°27'31	27°22	1♌ 0	15° 4	11°40	6♒27	14♒45	12°34	9♐41	12° 3	5♒42	5°23	2°45	9°41	S 2
M 3	20 44 56	10°24'54	9♏24	3° 4	16°18	12°20	6°19	14°40	12°36	9°40	12° 4	5°D42	5°20	2°52	9°47	M 3
T 4	20 48 52	11°22'18	21°38	5° 9	17°32	13° 0	6°11	14°36	12°39	9°39	12° 5	5°42	5°17	2°58	9°52	T 4
W 5	20 52 49	12°19'42	4♐ 9	7°14	18°46	13°40	6° 3	14°32	12°41	9°39	12° 5	5°42	5°14	3° 5	9°57	W 5
T 6	20 56 45	13°17'07	16°59	9°20	20° 0	14°20	5°56	14°27	12°43	9°38	12° 6	5°43	5°11	3°12	10° 3	T 6
F 7	21 0 42	14°14'33	0♑13	11°25	21°14	14°59	5°48	14°23	12°46	9°38	12° 7	5°44	5° 8	3°19	10° 8	F 7
S 8	21 4 38	15°11'59	13°52	13°30	22°28	15°39	5°40	14°18	12°48	9°37	12° 8	5°44	5° 4	3°25	10°13	S 8
S 9	21 8 35	16° 9'26	27°54	15°35	23°42	16°18	5°33	14°14	12°50	9°37	12° 8	5°45	5° 1	3°32	10°18	S 9
M10	21 12 31	17° 6'54	12♒19	17°38	24°56	16°58	5°25	14° 9	12°53	9°37	12° 9	5°R45	4°58	3°39	10°23	M10
T 11	21 16 28	18° 4'23	26°59	19°41	26°10	17°37	5°18	14° 5	12°55	9°36	12°10	5°44	4°55	3°45	10°28	T 11
W12	21 20 25	19° 1'53	11♓50	21°43	27°24	18°17	5°11	14° 0	12°58	9°36	12°10	5°43	4°52	3°52	10°33	W12
T 13	21 24 21	19°59'25	26°43	23°43	28°38	18°56	5° 3	13°56	13° 1	9°36	12°11	5°42	4°48	3°59	10°38	T 13
F 14	21 28 18	20°56'57	11♈30	25°42	29°52	19°36	4°56	13°52	13° 3	9°35	12°12	5°40	4°45	4° 5	10°43	F 14
S 15	21 32 14	21°54'31	26° 6	27°40	1♍ 6	20°15	4°49	13°47	13° 6	9°35	12°12	5°38	4°42	4°12	10°48	S 15
S 16	21 36 11	22°52'06	10♉24	29°37	2°20	20°54	4°42	13°43	13° 9	9°35	12°13	5°37	4°39	4°19	10°53	S 16
M17	21 40 7	23°49'43	24°24	1♍32	3°34	21°33	4°35	13°38	13°11	9°35	12°13	5°D37	4°36	4°26	10°58	M17
T 18	21 44 4	24°47'22	8♊ 3	3°26	4°48	22°12	4°28	13°34	13°14	9°35	12°14	5°37	4°33	4°32	11° 3	T 18
W19	21 48 0	25°45'02	21°23	5°18	6° 3	22°52	4°21	13°30	13°17	9°34	12°14	5°38	4°29	4°39	11° 7	W19
T 20	21 51 57	26°42'44	4♋25	7° 9	7°17	23°31	4°15	13°25	13°20	9°34	12°15	5°40	4°26	4°46	11°12	T 20
F 21	21 55 54	27°40'27	17°11	8°58	8°31	24°10	4° 8	13°21	13°23	9°34	12°15	5°41	4°23	4°52	11°17	F 21
S 22	21 59 50	28°38'11	29°44	10°46	9°45	24°49	4° 2	13°17	13°26	9°D34	12°16	5°R42	4°20	4°59	11°21	S 22
S 23	22 3 47	29°35'57	12♌ 6	12°33	10°59	25°27	3°55	13°13	13°29	9°34	12°16	5°42	4°17	5° 6	11°26	S 23
M24	22 7 43	0♍33'45	24°17	14°18	12°13	26° 6	3°49	13° 8	13°32	9°34	12°17	5°41	4°14	5°13	11°30	M24
T 25	22 11 40	1°31'33	6♍21	16° 2	13°27	26°45	3°43	13° 4	13°35	9°35	12°17	5°38	4°10	5°19	11°35	T 25
W26	22 15 36	2°29'24	18°19	17°44	14°41	27°24	3°37	13° 0	13°38	9°35	12°17	5°35	4° 7	5°26	11°39	W26
T 27	22 19 33	3°27'15	0♎12	19°26	15°55	28° 3	3°31	12°56	13°41	9°35	12°18	5°30	4° 4	5°33	11°43	T 27
F 28	22 23 29	4°25'08	12° 3	21° 5	17°10	28°41	3°25	12°52	13°44	9°35	12°18	5°25	4° 1	5°39	11°48	F 28
S 29	22 27 26	5°23'02	23°53	22°44	18°24	29°20	3°20	12°48	13°47	9°35	12°18	5°20	3°58	5°46	11°52	S 29
S 30	22 31 23	6°20'58	5♏47	24°21	19°38	29°58	3°15	12°44	13°50	9°35	12°19	5°16	3°54	5°53	11°56	S 30
M31	22 35 19	7♍18'55	17♏48	25♍56	20♍52	0♌37	3♒ 9	12♒40	13♎53	9♐36	12♊19	5♒13	3♒51	5♎59	12♋ 0	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	18n 7	10s39	4s58	21n20	1n 0	17n53	1n16	23n37	0n39	19s17	0s41	17s15	0s55	4s21	0n39	20s20	1n35	10n58	11s21	18s50	18s54	5s 1	17n 9	5s56	S 1
S 2	17 52	15 24	5 14	21 2	1 8	17 32	1 17	23 34	0 40	19 19	0 41	17 16	0 55	4 22	0 39	20 19	1 35	10 58	11 21	18 50	18 55	5 4	17 9	5 56	S 2
M 3	17 37	19 36	5 16	20 41	1 16	17 11	1 18	23 31	0 40	19 21	0 41	17 18	0 55	4 23	0 39	20 19	1 35	10 58	11 21	18 50	18 55	5 7	17 8	5 57	M 3
T 4	17 21	23 4	5 5	20 18	1 22	16 49	1 19	23 28	0 41	19 23	0 41	17 19	0 55	4 24	0 39	20 19	1 35	10 58	11 21	18 50	18 56	5 11	17 7	5 57	T 4
W 5	17 5	25 31	4 39	19 52	1 28	16 27	1 20	23 25	0 42	19 25	0 42	17 21	0 55	4 25	0 39	20 19	1 35	10 58	11 21	18 50	18 57	5 14	17 7	5 57	W 5
T 6	16 49	26 45	3 58	19 24	1 33	16 5	1 21	23 21	0 42	19 27	0 42	17 22	0 55	4 25	0 39	20 19	1 35	10 58	11 21	18 50	18 58	5 17	17 6	5 58	T 6
F 7	16 33	26 30	3 4	18 54	1 37	15 42	1 22	23 17	0 43	19 29	0 42	17 23	0 55	4 26	0 39	20 19	1 34	10 58	11 22	18 50	18 58	5 20	17 5	5 58	F 7
S 8	16 16	24 40	1 58	18 22	1 40	15 19	1 22	23 13	0 43	19 31	0 42	17 25	0 56	4 27	0 39	20 19	1 34	10 58	11 22	18 49	18 59	5 23	17 4	5 58	S 8
S 9	15 59	21 16	0 43	17 47	1 43	14 55	1 23	23 9	0 44	19 33	0 42	17 26	0 56	4 28	0 39	20 19	1 34	10 57	11 22	18 49	19 0	5 26	17 4	5 59	S 9
M10	15 42	16 31	0n36	17 12	1 44	14 31	1 24	23 5	0 45	19 35	0 42	17 28	0 56	4 29	0 39	20 19	1 34	10 57	11 22	18 49	19 1	5 29	17 3	5 59	M10
T 11	15 24	10 42	1 55	16 34	1 46	14 7	1 24	23 1	0 45	19 37	0 42	17 29	0 56	4 30	0 39	20 19	1 34	10 57	11 22	18 49	19 1	5 32	17 2	5 59	T 11
W12	15 6	4 15	3 7	15 56	1 46	13 42	1 25	22 56	0 46	19 39	0 42	17 30	0 56	4 31	0 39	20 19	1 34	10 57	11 23	18 50	19 2	5 35	17 2	6 0	W12
T 13	14 48	2n27	4 6	15 16	1 45	13 16	1 25	22 51	0 46	19 40	0 42	17 32	0 56	4 32	0 39	20 19	1 34	10 57	11 23	18 50	19 3	5 38	17 1	6 0	T 13
F 14	14 30	8 58	4 48	14 35	1 44	12 51	1 26	22 46	0 47	19 42	0 42	17 33	0 56	4 34	0 39	20 19	1 34	10 57	11 23	18 51	19 4	5 41	17 0	6 0	F 14
S 15	14 12	14 54	5 11	13 53	1 43	12 25	1 26	22 41	0 48	19 44	0 43	17 34	0 56	4 35	0 39	20 19	1 34	10 57	11 23	18 51	19 4	5 44	16 59	6 1	S 15
S 16	13 53	19 54	5 15	13 10	1 41	11 59	1 26	22 36	0 48	19 46	0 43	17 36	0 56	4 36	0 39	20 19	1 34	10 57	11 23	18 51	19 5	5 48	16 59	6 1	S 16
M17	13 34	23 41	4 59	12 27	1 38	11 32	1 26	22 30	0 49	19 48	0 43	17 37	0 56	4 37	0 38	20 19	1 34	10 57	11 23	18 51	19 6	5 51	16 58	6 2	M17
T 18	13 15	26 1	4 27	11 43	1 35	11 5	1 26	22 24	0 49	19 49	0 43	17 38	0 56	4 38	0 38	20 19	1 34	10 56	11 24	18 51	19 7	5 54	16 57	6 2	T 18
W19	12 56	26 49	3 41	10 58	1 31	10 38	1 27	22 18	0 50	19 51	0 43	17 40	0 56	4 39	0 38	20 20	1 34	10 56	11 24	18 51	19 8	5 57	16 56	6 2	W19
T 20	12 36	26 5	2 44	10 13	1 27	10 10	1 26	22 12	0 51	19 53	0 43	17 41	0 56	4 40	0 38	20 20	1 34	10 56	11 24	18 51	19 8	6 0	16 56	6 3	T 20
F 21	12 16	23 59	1 40	9 28	1 22	9 42	1 26	22 6	0 51	19 54	0 43	17 42	0 56	4 41	0 38	20 20	1 34	10 56	11 24	18 50	19 9	6 3	16 55	6 3	F 21
S 22	11 56	20 44	0 33	8 43	1 17	9 14	1 26	22 0	0 52	19 56	0 43	17 43	0 56	4 42	0 38	20 20	1 34	10 56	11 24	18 50	19 10	6 6	16 54	6 4	S 22
S 23	11 36	16 36	0s35	7 57	1 12	8 46	1 26	21 53	0 52	19 57	0 43	17 45	0 57	4 44	0 38	20 20	1 34	10 56	11 25	18 50	19 11	6 9	16 53	6 4	S 23
M24	11 16	11 50	1 40	7 12	1 6	8 18	1 26	21 47	0 53	19 59	0 43	17 46	0 57	4 45	0 38	20 20	1 34	10 56	11 25	18 50	19 11	6 12	16 52	6 4	M24
T 25	10 55	6 41	2 40	6 26	1 0	7 49	1 25	21 40	0 53	20 0	0 43	17 47	0 57	4 46	0 38	20 20	1 33	10 55	11 25	18 51	19 12	6 15	16 52	6 5	T 25
W26	10 35	1 21	3 33	5 40	0 54	7 20	1 25	21 33	0 54	20 2	0 43	17 48	0 57	4 47	0 38	20 20	1 33	10 55	11 25	18 52	19 13	6 18	16 51	6 5	W26
T 27	10 14	3s59	4 15	4 55	0 47	6 51	1 24	21 26	0 55	20 3	0 43	17 50	0 57	4 48	0 38	20 20	1 33	10 55	11 25	18 53	19 14	6 21	16 50	6 6	T 27
F 28	9 53	9 9	4 47	4 9	0 41	6 21	1 24	21 19	0 55	20 5	0 43	17 51	0 57	4 50	0 38	20 20	1 33	10 55	11 26	18 54	19 14	6 24	16 49	6 6	F 28
S 29	9 32	14 0	5 6	3 24	0 34	5 52	1 23	21 11	0 56	20 6	0 43	17 52	0 57	4 51	0 38	20 20	1 33	10 55	11 26	18 55	19 15	6 27	16 48	6 7	S 29
S 30	9 11	18 21	5 12	2 39	0 26	5 22	1 23	21 4	0 56	20 7	0 43	17 53	0 57	4 52	0 38	20 20	1 33	10 55	11 26	18 56	19 16	6 30	16 48	6 7	S 30
M31	8n49	22s 0	5s 5	1n54	0n19	4n52	1n22	20n56	0n57	20s 9	0s43	17s54	0s57	4s53	0n38	20s20	1n33	10n54	11s26	18s57	19s17	6s33	16n47	6s 8	M31

Julian Day Number = 2502525.5, Delta T = 114.79 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°41'26, Lahiri = 25°48'27

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ASTRODIENST EPHEMERIS for the year 2139
geocentric

SEPTEMBER 2139 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 16	8♍16'53	29♏59	27♍31	22♍ 6	1♌15	3°R 4	12°R37	13♎57	9♐36	12♊19	5°R11	3♒48	6♎ 6	12♋ 4	T 1
W 2	22 43 12	9°14'53	12♐26	29° 4	23°20	1°54	2♒59	12♒33	14° 0	9°36	12°19	5°D11	3°45	6°13	12° 8	W 2
T 3	22 47 9	10°12'54	25°12	0♎36	24°34	2°32	2°55	12°29	14° 3	9°37	12°20	5♒12	3°42	6°20	12°12	T 3
F 4	22 51 5	11°10'56	8♑21	2° 6	25°48	3°10	2°50	12°26	14° 6	9°37	12°20	5°13	3°39	6°26	12°16	F 4
S 5	22 55 2	12° 8'59	21°56	3°35	27° 2	3°48	2°45	12°22	14°10	9°38	12°20	5°14	3°35	6°33	12°20	S 5
S 6	22 58 58	13° 7'05	5♒59	5° 3	28°17	4°26	2°41	12°18	14°13	9°38	12°20	5°R15	3°32	6°40	12°24	S 6
M 7	23 2 55	14° 5'11	20°29	6°30	29°31	5° 5	2°37	12°15	14°17	9°39	12°20	5°14	3°29	6°46	12°27	M 7
T 8	23 6 52	15° 3'19	5♓21	7°55	0♎45	5°43	2°33	12°12	14°20	9°39	12°20	5°11	3°26	6°53	12°31	T 8
W 9	23 10 48	16° 1'29	20°29	9°18	1°59	6°21	2°29	12° 8	14°23	9°40	12°20	5° 7	3°23	7° 0	12°35	W 9
T 10	23 14 45	16°59'40	5♈43	10°41	3°13	6°59	2°26	12° 5	14°27	9°40	12°20	5° 1	3°19	7° 7	12°38	T 10
F 11	23 18 41	17°57'53	20°51	12° 2	4°27	7°37	2°22	12° 2	14°30	9°41	12°20	4°55	3°16	7°13	12°42	F 11
S 12	23 22 38	18°56'08	5♉46	13°21	5°41	8°14	2°19	11°59	14°34	9°42	12°R20	4°49	3°13	7°20	12°45	S 12
S 13	23 26 34	19°54'25	20°19	14°39	6°55	8°52	2°16	11°56	14°37	9°42	12°20	4°44	3°10	7°27	12°48	S 13
M14	23 30 31	20°52'45	4♊26	15°56	8° 9	9°30	2°13	11°53	14°41	9°43	12°20	4°41	3° 7	7°33	12°52	M14
T 15	23 34 27	21°51'06	18° 7	17°10	9°23	10° 8	2°11	11°50	14°44	9°44	12°20	4°D40	3° 4	7°40	12°55	T 15
W16	23 38 24	22°49'30	1♋23	18°24	10°38	10°45	2° 8	11°47	14°48	9°45	12°20	4°40	3° 0	7°47	12°58	W16
T 17	23 42 21	23°47'56	14°16	19°35	11°52	11°23	2° 6	11°44	14°52	9°45	12°20	4°41	2°57	7°54	13° 1	T 17
F 18	23 46 17	24°46'24	26°50	20°44	13° 6	12° 0	2° 4	11°42	14°55	9°46	12°20	4°42	2°54	8° 0	13° 4	F 18
S 19	23 50 14	25°44'54	9♌10	21°52	14°20	12°38	2° 2	11°39	14°59	9°47	12°20	4°R42	2°51	8° 7	13° 7	S 19
S 20	23 54 10	26°43'26	21°18	22°57	15°34	13°15	2° 0	11°37	15° 2	9°48	12°20	4°41	2°48	8°14	13°10	S 20
M21	23 58 7	27°42'00	3♍19	24° 0	16°48	13°53	1°58	11°34	15° 6	9°49	12°20	4°37	2°45	8°20	13°13	M21
T 22	0 2 3	28°40'36	15°15	25° 1	18° 2	14°30	1°57	11°32	15°10	9°50	12°19	4°31	2°41	8°27	13°15	T 22
W23	0 6 0	29°39'13	27° 7	26° 0	19°16	15° 7	1°56	11°30	15°13	9°51	12°19	4°22	2°38	8°34	13°18	W23
T 24	0 9 56	0♎37'53	8♎59	26°55	20°30	15°45	1°55	11°27	15°17	9°52	12°19	4°12	2°35	8°40	13°20	T 24
F 25	0 13 53	1°36'35	20°50	27°48	21°44	16°22	1°54	11°25	15°21	9°53	12°19	4° 0	2°32	8°47	13°23	F 25
S 26	0 17 49	2°35'19	2♏43	28°37	22°58	16°59	1°54	11°23	15°24	9°54	12°18	3°49	2°29	8°54	13°25	S 26
S 27	0 21 46	3°34'04	14°40	29°24	24°12	17°36	1°53	11°21	15°28	9°55	12°18	3°39	2°25	9° 1	13°28	S 27
M28	0 25 43	4°32'52	26°43	0♏ 6	25°26	18°13	1°D53	11°20	15°32	9°57	12°18	3°31	2°22	9° 7	13°30	M28
T 29	0 29 39	5°31'41	8♐54	0°44	26°41	18°50	1°53	11°18	15°36	9°58	12°17	3°25	2°19	9°14	13°32	T 29
W30	0 33 36	6♎30'32	21♐19	1♏19	27♎55	19♌27	1♒53	11♒16	15♎39	9♐59	12♊17	3♒22	2♒16	9♎21	13♋34	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	8n28	24s45	4s43	1n10	0n11	4n22	1n21	20n48	0n58	20s10	0s43	17s55	0s57	4s55	0n38	20s20	1n33	10n54	11s27	18s58	19s17	6s36	16n46	6s 8	T 1
W 2	8 6	26 23	4 9	0 26	0 4	3 52	1 20	20 40	0 58	20 11	0 44	17 56	0 57	4 56	0 38	20 21	1 33	10 54	11 27	18 58	19 18	6 39	16 45	6 9	W 2
T 3	7 44	26 41	3 21	0s18	0s 4	3 22	1 19	20 32	0 59	20 12	0 44	17 57	0 57	4 57	0 38	20 21	1 33	10 54	11 27	18 57	19 19	6 42	16 44	6 9	T 3
F 4	7 22	25 31	2 21	1 1	0 12	2 52	1 18	20 24	0 59	20 13	0 44	17 58	0 57	4 59	0 38	20 21	1 33	10 54	11 27	18 57	19 20	6 46	16 43	6 10	F 4
S 5	7 0	22 49	1 12	1 44	0 20	2 21	1 17	20 15	1 0	20 14	0 44	18 0	0 57	5 0	0 38	20 21	1 33	10 54	11 27	18 57	19 20	6 49	16 43	6 10	S 5
S 6	6 38	18 42	0n 4	2 26	0 28	1 51	1 16	20 7	1 1	20 15	0 44	18 1	0 57	5 1	0 38	20 21	1 33	10 53	11 28	18 57	19 21	6 52	16 42	6 11	S 6
M 7	6 15	13 21	1 22	3 8	0 37	1 20	1 15	19 58	1 1	20 16	0 44	18 2	0 57	5 3	0 38	20 21	1 33	10 53	11 28	18 57	19 22	6 55	16 41	6 11	M 7
T 8	5 53	7 7	2 36	3 50	0 45	0 50	1 14	19 50	1 2	20 17	0 44	18 3	0 57	5 4	0 38	20 21	1 33	10 53	11 28	18 57	19 22	6 58	16 40	6 12	T 8
W 9	5 31	0 23	3 40	4 30	0 53	0 19	1 12	19 41	1 2	20 18	0 44	18 3	0 57	5 5	0 38	20 21	1 33	10 53	11 28	18 59	19 23	7 1	16 39	6 12	W 9
T 10	5 8	6n23	4 30	5 10	1 2	0s12	1 11	19 32	1 3	20 19	0 44	18 4	0 57	5 7	0 38	20 22	1 33	10 53	11 28	19 0	19 24	7 4	16 38	6 13	T 10
F 11	4 45	12 46	5 0	5 50	1 10	0 42	1 9	19 23	1 3	20 20	0 44	18 5	0 57	5 8	0 38	20 22	1 32	10 52	11 29	19 1	19 25	7 7	16 38	6 13	F 11
S 12	4 23	18 17	5 9	6 28	1 19	1 13	1 8	19 13	1 4	20 20	0 44	18 6	0 57	5 9	0 38	20 22	1 32	10 52	11 29	19 3	19 25	7 10	16 37	6 14	S 12
S 13	4 0	22 35	4 57	7 6	1 27	1 44	1 6	19 4	1 5	20 21	0 44	18 7	0 57	5 11	0 38	20 22	1 32	10 52	11 29	19 4	19 26	7 13	16 36	6 14	S 13
M14	3 37	25 25	4 28	7 44	1 35	2 15	1 5	18 55	1 5	20 22	0 44	18 8	0 57	5 12	0 38	20 22	1 32	10 52	11 29	19 5	19 27	7 16	16 35	6 15	M14
T 15	3 14	26 37	3 45	8 20	1 44	2 45	1 3	18 45	1 6	20 22	0 44	18 9	0 57	5 13	0 38	20 22	1 32	10 52	11 29	19 5	19 28	7 19	16 34	6 15	T 15
W16	2 51	26 15	2 50	8 56	1 52	3 16	1 1	18 35	1 6	20 23	0 44	18 10	0 57	5 15	0 38	20 23	1 32	10 51	11 30	19 5	19 28	7 22	16 33	6 16	W16
T 17	2 28	24 27	1 48	9 30	2 0	3 46	1 0	18 26	1 7	20 23	0 44	18 10	0 57	5 16	0 38	20 23	1 32	10 51	11 30	19 5	19 29	7 25	16 33	6 16	T 17
F 18	2 5	21 28	0 42	10 4	2 8	4 17	0 58	18 16	1 7	20 24	0 44	18 11	0 57	5 18	0 38	20 23	1 32	10 51	11 30	19 5	19 30	7 28	16 32	6 17	F 18
S 19	1 41	17 34	0s24	10 37	2 16	4 47	0 56	18 6	1 8	20 24	0 44	18 12	0 57	5 19	0 38	20 23	1 32	10 51	11 30	19 4	19 31	7 31	16 31	6 17	S 19
S 20	1 18	13 0	1 28	11 9	2 24	5 18	0 54	17 55	1 9	20 25	0 44	18 13	0 57	5 20	0 38	20 23	1 32	10 50	11 30	19 5	19 31	7 34	16 30	6 18	S 20
M21	0 55	7 59	2 27	11 39	2 32	5 48	0 52	17 45	1 9	20 25	0 44	18 13	0 57	5 22	0 38	20 23	1 32	10 50	11 31	19 6	19 32	7 37	16 29	6 19	M21
T 22	0 32	2 44	3 20	12 9	2 39	6 18	0 50	17 35	1 10	20 25	0 44	18 14	0 57	5 23	0 38	20 24	1 32	10 50	11 31	19 7	19 33	7 40	16 28	6 19	T 22
W23	0 8	2s34	4 3	12 37	2 46	6 48	0 48	17 25	1 10	20 25	0 44	18 14	0 57	5 25	0 38	20 24	1 32	10 50	11 31	19 9	19 33	7 43	16 28	6 20	W23
T 24	0s15	7 46	4 35	13 3	2 53	7 18	0 46	17 14	1 11	20 26	0 44	18 15	0 57	5 26	0 38	20 24	1 32	10 50	11 31	19 12	19 34	7 46	16 27	6 20	T 24
F 25	0 38	12 42	4 56	13 29	3 0	7 48	0 43	17 4	1 12	20 26	0 44	18 16	0 57	5 28	0 38	20 24	1 32	10 49	11 31	19 14	19 35	7 49	16 26	6 21	F 25
S 26	1 2	17 9	5 4	13 52	3 6	8 17	0 41	16 53	1 12	20 26	0 44	18 16	0 57	5 29	0 38	20 25	1 32	10 49	11 32	19 17	19 36	7 52	16 25	6 22	S 26
S 27	1 25	20 58	4 58	14 14	3 12	8 47	0 39	16 42	1 13	20 26	0 44	18 17	0 57	5 30	0 38	20 25	1 32	10 49	11 32	19 19	19 36	7 55	16 24	6 22	S 27
M28	1 48	23 56	4 40	14 35	3 17	9 16	0 37	16 31	1 13	20 26	0 44	18 17	0 57	5 32	0 38	20 25	1 32	10 49	11 32	19 21	19 37	7 58	16 23	6 23	M28
T 29	2 12	25 51	4 8	14 53	3 22	9 45	0 34	16 20	1 14	20 26	0 44	18 18	0 57	5 33	0 38	20 25	1 32	10 48	11 32	19 23	19 38	8 1	16 23	6 23	T 29
W30	2s35	26s32	3s24	15s 9	3s27	10s14	0n32	16n 9	1n14	20s26	0s44	18s18	0s57	5s35	0n38	20s25	1n31	10n48	11s32	19s23	19s38	8s 3	16n22	6s24	W30

Julian Day Number = 2502556.5, Delta T = 114.85 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°41'31, Lahiri = 25°48'31

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ASTRODIENST EPHEMERIS for the year 2139
geocentric

OCTOBER 2139 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 37 32	7♎29'25	4♉ 0	1♏48	29♎ 9	20♌ 3	1♒54	11°R15	15♎43	10♐ 0	12°R17	3°D21	2♒13	9♎27	13♋36	T 1
F 2	0 41 29	8°28'19	17° 2	2°12	0♏23	20°40	1°54	11♒13	15°47	10° 2	12♊16	3♒21	2°10	9°34	13°38	F 2
S 3	0 45 25	9°27'15	0♒29	2°31	1°37	21°17	1°55	11°12	15°51	10° 3	12°16	3°R21	2° 6	9°41	13°40	S 3
S 4	0 49 22	10°26'13	14°23	2°44	2°51	21°53	1°56	11°11	15°54	10° 4	12°15	3°21	2° 3	9°48	13°42	S 4
M 5	0 53 18	11°25'13	28°45	2°R51	4° 5	22°30	1°57	11°10	15°58	10° 5	12°15	3°18	2° 0	9°54	13°43	M 5
T 6	0 57 15	12°24'14	13♓33	2°51	5°19	23° 6	1°59	11° 9	16° 2	10° 7	12°14	3°14	1°57	10° 1	13°45	T 6
W 7	1 1 12	13°23'17	28°41	2°43	6°33	23°43	2° 0	11° 8	16° 6	10° 8	12°14	3° 6	1°54	10° 8	13°46	W 7
T 8	1 5 8	14°22'22	14♈ 1	2°28	7°47	24°19	2° 2	11° 7	16°10	10°10	12°13	2°57	1°51	10°14	13°48	T 8
F 9	1 9 5	15°21'29	29°20	2° 6	9° 1	24°55	2° 4	11° 6	16°13	10°11	12°13	2°46	1°47	10°21	13°49	F 9
S 10	1 13 1	16°20'39	14♉28	1°35	10°15	25°32	2° 6	11° 6	16°17	10°13	12°12	2°36	1°44	10°28	13°50	S 10
S 11	1 16 58	17°19'50	29°14	0°56	11°28	26° 8	2° 9	11° 5	16°21	10°14	12°12	2°27	1°41	10°35	13°52	S 11
M12	1 20 54	18°19'04	13♊33	0°10	12°42	26°44	2°11	11° 5	16°25	10°16	12°11	2°21	1°38	10°41	13°53	M12
T 13	1 24 51	19°18'20	27°22	29♎16	13°56	27°20	2°14	11° 4	16°29	10°17	12°10	2°17	1°35	10°48	13°54	T 13
W14	1 28 47	20°17'39	10♋42	28°16	15°10	27°56	2°17	11° 4	16°32	10°19	12°10	2°15	1°31	10°55	13°55	W14
T 15	1 32 44	21°17'00	23°35	27°10	16°24	28°32	2°20	11° 4	16°36	10°20	12° 9	2°D15	1°28	11° 1	13°56	T 15
F 16	1 36 41	22°16'23	6♌ 6	26° 0	17°38	29° 8	2°23	11°D 4	16°40	10°22	12° 9	2°R15	1°25	11° 8	13°56	F 16
S 17	1 40 37	23°15'48	18°21	24°48	18°52	29°44	2°27	11° 4	16°44	10°24	12° 8	2°14	1°22	11°15	13°57	S 17
S 18	1 44 34	24°15'16	0♍23	23°35	20° 6	0♍19	2°31	11° 4	16°47	10°25	12° 7	2°11	1°19	11°22	13°58	S 18
M19	1 48 30	25°14'45	12°18	22°24	21°20	0°55	2°34	11° 4	16°51	10°27	12° 6	2° 6	1°16	11°28	13°58	M19
T 20	1 52 27	26°14'17	24°10	21°17	22°34	1°31	2°39	11° 5	16°55	10°29	12° 6	1°57	1°12	11°35	13°58	T 20
W21	1 56 23	27°13'51	6♎ 0	20°15	23°48	2° 6	2°43	11° 5	16°59	10°31	12° 5	1°46	1° 9	11°42	13°59	W21
T 22	2 0 20	28°13'28	17°52	19°21	25° 1	2°42	2°47	11° 6	17° 2	10°32	12° 4	1°33	1° 6	11°48	13°59	T 22
F 23	2 4 16	29°13'06	29°46	18°35	26°15	3°17	2°52	11° 6	17° 6	10°34	12° 3	1°18	1° 3	11°55	13°59	F 23
S 24	2 8 13	0♏12'46	11♏45	18° 0	27°29	3°52	2°57	11° 7	17°10	10°36	12° 3	1° 3	1° 0	12° 2	13°R59	S 24
S 25	2 12 10	1°12'29	23°49	17°36	28°43	4°28	3° 1	11° 8	17°14	10°38	12° 2	0°50	0°56	12° 9	13°59	S 25
M26	2 16 6	2°12'13	6♐ 0	17°23	29°57	5° 3	3° 7	11° 9	17°17	10°40	12° 1	0°39	0°53	12°15	13°59	M26
T 27	2 20 3	3°11'59	18°20	17°D22	1♐11	5°38	3°12	11°10	17°21	10°42	12° 0	0°30	0°50	12°22	13°59	T 27
W28	2 23 59	4°11'47	0♑49	17°31	2°25	6°13	3°17	11°11	17°25	10°43	11°59	0°25	0°47	12°29	13°59	W28
T 29	2 27 56	5°11'37	13°33	17°51	3°38	6°48	3°23	11°12	17°28	10°45	11°58	0°22	0°44	12°35	13°58	T 29
F 30	2 31 52	6°11'28	26°33	18°21	4°52	7°23	3°29	11°14	17°32	10°47	11°57	0°22	0°41	12°42	13°58	F 30
S 31	2 35 49	7♏11'21	9♒53	19♎ 0	6♐ 6	7♍57	3♒35	11♒15	17♎36	10♐49	11♊57	0♒22	0♒37	12♎49	13♋57	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s58	25s51	2s30	15s23	3s31	10s42	0n30	15n58	1n15	20s26	0s43	18s19	0s57	5s36	0n38	20s26	1n31	10n48	11s33	19s24	19s39	8s 6	16n21	6s25
F 2	3 21	23 45	1 26	15 34	3 34	11 10	0 27	15 47	1 16	20 26	0 43	18 19	0 57	5 38	0 38	20 26	1 31	10 48	11 33	19 24	19 40	8 9	16 20	6 25
S 3	3 45	20 17	0 15	15 43	3 36	11 38	0 25	15 36	1 16	20 25	0 43	18 19	0 57	5 39	0 38	20 26	1 31	10 48	11 33	19 24	19 41	8 12	16 19	6 26
S 4	4 8	15 35	0n58	15 49	3 37	12 6	0 22	15 25	1 17	20 25	0 43	18 20	0 57	5 41	0 38	20 26	1 31	10 47	11 33	19 24	19 41	8 15	16 19	6 26
M 5	4 31	9 52	2 11	15 52	3 38	12 34	0 20	15 13	1 17	20 25	0 43	18 20	0 57	5 42	0 38	20 27	1 31	10 47	11 33	19 24	19 42	8 18	16 18	6 27
T 6	4 54	3 27	3 16	15 51	3 37	13 1	0 17	15 2	1 18	20 25	0 43	18 20	0 57	5 44	0 38	20 27	1 31	10 47	11 33	19 25	19 43	8 21	16 17	6 28
W 7	5 17	3n18	4 9	15 46	3 35	13 28	0 14	14 50	1 18	20 24	0 43	18 20	0 57	5 45	0 38	20 27	1 31	10 47	11 34	19 27	19 43	8 24	16 16	6 28
T 8	5 40	9 54	4 45	15 38	3 32	13 54	0 12	14 39	1 19	20 24	0 43	18 21	0 57	5 46	0 38	20 27	1 31	10 46	11 34	19 29	19 44	8 27	16 16	6 29
F 9	6 3	15 55	5 1	15 26	3 27	14 21	0 9	14 27	1 20	20 23	0 43	18 21	0 57	5 48	0 38	20 28	1 31	10 46	11 34	19 32	19 45	8 30	16 15	6 29
S 10	6 25	20 52	4 55	15 9	3 21	14 47	0 6	14 16	1 20	20 23	0 43	18 21	0 57	5 49	0 38	20 28	1 31	10 46	11 34	19 34	19 46	8 33	16 14	6 30
S 11	6 48	24 21	4 30	14 48	3 12	15 12	0 4	14 4	1 21	20 22	0 43	18 21	0 57	5 51	0 38	20 28	1 31	10 46	11 34	19 36	19 46	8 36	16 13	6 31
M12	7 11	26 11	3 48	14 22	3 2	15 37	0 1	13 52	1 21	20 22	0 43	18 21	0 57	5 52	0 38	20 28	1 31	10 45	11 35	19 37	19 47	8 39	16 13	6 31
T 13	7 33	26 17	2 53	13 52	2 51	16 2	0s 2	13 40	1 22	20 21	0 43	18 21	0 57	5 54	0 37	20 29	1 31	10 45	11 35	19 38	19 48	8 42	16 12	6 32
W14	7 55	24 51	1 52	13 18	2 37	16 27	0 4	13 28	1 22	20 20	0 43	18 21	0 57	5 55	0 37	20 29	1 31	10 45	11 35	19 39	19 48	8 45	16 11	6 33
T 15	8 18	22 7	0 46	12 39	2 22	16 51	0 7	13 16	1 23	20 19	0 43	18 21	0 57	5 57	0 37	20 29	1 31	10 45	11 35	19 39	19 49	8 48	16 10	6 33
F 16	8 40	18 24	0s20	11 58	2 4	17 14	0 10	13 4	1 24	20 19	0 43	18 21	0 57	5 58	0 37	20 29	1 31	10 44	11 35	19 39	19 50	8 51	16 10	6 34
S 17	9 2	13 59	1 24	11 14	1 46	17 38	0 13	12 52	1 24	20 18	0 43	18 21	0 57	6 0	0 37	20 30	1 31	10 44	11 35	19 39	19 50	8 54	16 9	6 35
S 18	9 24	9 6	2 23	10 29	1 26	18 0	0 16	12 40	1 25	20 17	0 43	18 21	0 57	6 1	0 37	20 30	1 31	10 44	11 35	19 39	19 51	8 56	16 8	6 35
M19	9 46	3 56	3 15	9 44	1 6	18 23	0 18	12 28	1 25	20 16	0 43	18 21	0 57	6 2	0 37	20 30	1 31	10 44	11 36	19 41	19 52	8 59	16 8	6 36
T 20	10 7	1s19	3 58	9 0	0 45	18 44	0 21	12 16	1 26	20 15	0 43	18 21	0 57	6 4	0 37	20 31	1 31	10 43	11 36	19 43	19 53	9 2	16 7	6 36
W21	10 29	6 31	4 30	8 17	0 25	19 6	0 24	12 4	1 27	20 14	0 43	18 21	0 57	6 5	0 37	20 31	1 31	10 43	11 36	19 45	19 53	9 5	16 6	6 37
T 22	10 50	11 29	4 51	7 38	0 5	19 26	0 27	11 52	1 27	20 13	0 43	18 21	0 57	6 7	0 37	20 31	1 30	10 43	11 36	19 48	19 54	9 8	16 6	6 38
F 23	11 11	16 3	4 59	7 3	0n15	19 47	0 29	11 39	1 28	20 12	0 43	18 21	0 57	6 8	0 37	20 31	1 30	10 43	11 36	19 51	19 55	9 11	16 5	6 38
S 24	11 32	20 0	4 54	6 33	0 33	20 7	0 32	11 27	1 28	20 11	0 43	18 20	0 57	6 10	0 37	20 32	1 30	10 43	11 36	19 55	19 55	9 14	16 4	6 39
S 25	11 53	23 10	4 36	6 8	0 50	20 26	0 35	11 15	1 29	20 10	0 43	18 20	0 57	6 11	0 37	20 32	1 30	10 42	11 36	19 58	19 56	9 17	16 4	6 40
M26	12 14	25 19	4 5	5 49	1 5	20 44	0 38	11 3	1 30	20 8	0 43	18 20	0 57	6 12	0 38	20 32	1 30	10 42	11 37	20 0	19 57	9 20	16 3	6 40
T 27	12 34	26 16	3 22	5 36	1 19	21 3	0 41	10 50	1 30	20 7	0 43	18 19	0 57	6 14	0 38	20 33	1 30	10 42	11 37	20 2	19 57	9 23	16 3	6 41
W28	12 55	25 54	2 29	5 29	1 31	21 20	0 43	10 38	1 31	20 6	0 43	18 19	0 57	6 15	0 38	20 33	1 30	10 42	11 37	20 3	19 58	9 25	16 2	6 42
T 29	13 15	24 11	1 28	5 27	1 41	21 37	0 46	10 25	1 31	20 5	0 43	18 19	0 57	6 17	0 38	20 33	1 30	10 41	11 37	20 3	19 59	9 28	16 1	6 42
F 30	13 35	21 10	0 20	5 30	1 49	21 54	0 49	10 13	1 32	20 3	0 43	18 18	0 57	6 18	0 38	20 34	1 30	10 41	11 37	20 4	19 59	9 31	16 1	6 43
S 31	13s54	16s57	0n50	5s38	1n56	22s 9	0s52	10n 1	1n32	20s 2	0s43	18s18	0s57	6s19	0n38	20s34	1n30	10n41	11s37	20s 4	20s 0	9s34	16n 0	6s43

Julian Day Number = 2502586.5, Delta T = 114.90 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°41'35, Lahiri = 25°48'35

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ASTRODIENST EPHEMERIS for the year 2139
geocentric

NOVEMBER 2139 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 39 45	8♏11'15	23♒36	19♎47	7♐20	8♍32	3♒41	11♒17	17♎39	10♐51	11°R56	0°R21	0♒34	12♎56	13°R57	S 1
M 2	2 43 42	9°11'11	7♓44	20°42	8°33	9° 7	3°47	11°18	17°43	10°53	11♊55	0♒19	0°31	13° 2	13♋56	M 2
T 3	2 47 39	10°11'09	22°17	21°44	9°47	9°41	3°54	11°20	17°46	10°55	11°54	0°14	0°28	13° 9	13°55	T 3
W 4	2 51 35	11°11'08	7♈10	22°51	11° 1	10°16	4° 0	11°22	17°50	10°57	11°53	0° 6	0°25	13°16	13°54	W 4
T 5	2 55 32	12°11'09	22°17	24° 3	12°15	10°50	4° 7	11°24	17°54	10°59	11°52	29♑56	0°22	13°22	13°53	T 5
F 6	2 59 28	13°11'12	7♉29	25°19	13°28	11°24	4°14	11°26	17°57	11° 1	11°51	29°45	0°18	13°29	13°52	F 6
S 7	3 3 25	14°11'17	22°34	26°39	14°42	11°58	4°21	11°28	18° 1	11° 3	11°50	29°34	0°15	13°36	13°51	S 7
S 8	3 7 21	15°11'23	7♊23	28° 2	15°56	12°32	4°28	11°31	18° 4	11° 5	11°49	29°24	0°12	13°43	13°50	S 8
M 9	3 11 18	16°11'32	21°47	29°28	17° 9	13° 6	4°36	11°33	18° 8	11° 7	11°48	29°17	0° 9	13°49	13°48	M 9
T 10	3 15 14	17°11'43	5♋43	0♏56	18°23	13°40	4°43	11°35	18°11	11°10	11°47	29°13	0° 6	13°56	13°47	T 10
W11	3 19 11	18°11'55	19° 9	2°25	19°36	14°14	4°51	11°38	18°14	11°12	11°46	29°10	0° 2	14° 3	13°46	W11
T 12	3 23 8	19°12'10	2♌ 8	3°56	20°50	14°48	4°59	11°41	18°18	11°14	11°45	29°D10	29♑59	14° 9	13°44	T 12
F 13	3 27 4	20°12'26	14°43	5°29	22° 3	15°22	5° 7	11°43	18°21	11°16	11°44	29°R10	29°56	14°16	13°42	F 13
S 14	3 31 1	21°12'45	27° 0	7° 2	23°17	15°55	5°15	11°46	18°25	11°18	11°43	29°10	29°53	14°23	13°41	S 14
S 15	3 34 57	22°13'05	9♍ 2	8°36	24°31	16°29	5°23	11°49	18°28	11°20	11°42	29° 9	29°50	14°30	13°39	S 15
M16	3 38 54	23°13'27	20°57	10°10	25°44	17° 2	5°32	11°52	18°31	11°22	11°41	29° 5	29°47	14°36	13°37	M16
T 17	3 42 50	24°13'51	2♎47	11°45	26°58	17°35	5°40	11°55	18°34	11°24	11°40	28°59	29°43	14°43	13°35	T 17
W18	3 46 47	25°14'17	14°38	13°20	28°11	18° 8	5°49	11°58	18°38	11°27	11°38	28°50	29°40	14°50	13°33	W18
T 19	3 50 43	26°14'45	26°32	14°56	29°25	18°41	5°58	12° 2	18°41	11°29	11°37	28°39	29°37	14°57	13°31	T 19
F 20	3 54 40	27°15'15	8♏31	16°31	0♑38	19°14	6° 7	12° 5	18°44	11°31	11°36	28°27	29°34	15° 3	13°29	F 20
S 21	3 58 37	28°15'46	20°39	18° 7	1°51	19°47	6°16	12° 8	18°47	11°33	11°35	28°14	29°31	15°10	13°26	S 21
S 22	4 2 33	29°16'19	2♐54	19°43	3° 5	20°20	6°25	12°12	18°50	11°35	11°34	28° 3	29°28	15°17	13°24	S 22
M23	4 6 30	0♐16'54	15°19	21°18	4°18	20°52	6°34	12°16	18°53	11°38	11°33	27°54	29°24	15°23	13°22	M23
T 24	4 10 26	1°17'30	27°53	22°54	5°32	21°25	6°44	12°19	18°56	11°40	11°32	27°47	29°21	15°30	13°19	T 24
W25	4 14 23	2°18'07	10♑38	24°29	6°45	21°57	6°54	12°23	19° 0	11°42	11°31	27°43	29°18	15°37	13°17	W25
T 26	4 18 19	3°18'45	23°34	26° 5	7°58	22°29	7° 3	12°27	19° 3	11°44	11°30	27°D42	29°15	15°44	13°14	T 26
F 27	4 22 16	4°19'25	6♒43	27°40	9°11	23° 2	7°13	12°31	19° 5	11°47	11°28	27°42	29°12	15°50	13°11	F 27
S 28	4 26 12	5°20'06	20° 7	29°15	10°25	23°34	7°23	12°35	19° 8	11°49	11°27	27°43	29° 8	15°57	13° 9	S 28
S 29	4 30 9	6°20'48	3♓48	0♐50	11°38	24° 5	7°33	12°39	19°11	11°51	11°26	27°R44	29° 5	16° 4	13° 6	S 29
M30	4 34 6	7♐21'31	17♓46	2♐25	12♑51	24♍37	7♒43	12♒43	19♎14	11♐53	11♊25	27♑43	29♑ 2	16♎10	13♋ 3	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s14	11s46	2n 0	5s51	2n 2	22s25	0s54	9n48	1n33	20s 0	0s43	18s17	0s57	6s21	0n38	20s34	1n30	10n41	11s37	20s 4	20s 1	9s37	16n 0	6s44
M 2	14 33	5 49	3 4	6 8	2 6	22 39	0 57	9 36	1 34	19 59	0 42	18 17	0 57	6 22	0 38	20 34	1 30	10 41	11 37	20 4	20 2	9 40	15 59	6 45
T 3	14 52	0n35	3 58	6 28	2 9	22 53	1 0	9 23	1 34	19 57	0 42	18 16	0 57	6 23	0 38	20 35	1 30	10 40	11 37	20 5	20 2	9 43	15 59	6 45
W 4	15 10	7 5	4 37	6 52	2 10	23 6	1 2	9 11	1 35	19 56	0 42	18 16	0 57	6 25	0 38	20 35	1 30	10 40	11 38	20 7	20 3	9 46	15 58	6 46
T 5	15 29	13 16	4 58	7 18	2 11	23 19	1 5	8 58	1 35	19 54	0 42	18 15	0 57	6 26	0 38	20 35	1 30	10 40	11 38	20 9	20 4	9 48	15 58	6 46
F 6	15 47	18 41	4 58	7 46	2 10	23 31	1 7	8 46	1 36	19 52	0 42	18 15	0 57	6 27	0 38	20 36	1 30	10 40	11 38	20 11	20 4	9 51	15 57	6 47
S 7	16 5	22 52	4 37	8 16	2 9	23 42	1 10	8 33	1 37	19 51	0 42	18 14	0 57	6 29	0 38	20 36	1 30	10 40	11 38	20 14	20 5	9 54	15 57	6 48
S 8	16 23	25 26	3 58	8 48	2 7	23 53	1 12	8 21	1 37	19 49	0 42	18 14	0 57	6 30	0 38	20 36	1 30	10 39	11 38	20 16	20 6	9 57	15 56	6 48
M 9	16 40	26 14	3 4	9 20	2 4	24 3	1 15	8 8	1 38	19 47	0 42	18 13	0 57	6 31	0 38	20 37	1 30	10 39	11 38	20 17	20 6	10 0	15 56	6 49
T 10	16 57	25 19	2 1	9 54	2 1	24 12	1 17	7 56	1 38	19 45	0 42	18 12	0 57	6 33	0 38	20 37	1 30	10 39	11 38	20 18	20 7	10 3	15 55	6 49
W11	17 14	22 56	0 53	10 29	1 57	24 20	1 20	7 43	1 39	19 43	0 42	18 11	0 57	6 34	0 38	20 37	1 30	10 39	11 38	20 19	20 8	10 6	15 55	6 50
T 12	17 31	19 25	0s16	11 4	1 52	24 28	1 22	7 31	1 40	19 41	0 42	18 11	0 57	6 35	0 38	20 38	1 30	10 39	11 38	20 19	20 8	10 8	15 54	6 51
F 13	17 47	15 6	1 22	11 39	1 47	24 35	1 24	7 18	1 40	19 39	0 42	18 10	0 57	6 37	0 38	20 38	1 30	10 38	11 38	20 19	20 9	10 11	15 54	6 51
S 14	18 3	10 17	2 22	12 15	1 42	24 42	1 27	7 6	1 41	19 37	0 42	18 9	0 57	6 38	0 38	20 38	1 30	10 38	11 38	20 19	20 10	10 14	15 54	6 52
S 15	18 19	5 9	3 15	12 50	1 36	24 47	1 29	6 54	1 42	19 35	0 42	18 8	0 57	6 39	0 38	20 38	1 30	10 38	11 38	20 19	20 10	10 17	15 53	6 52
M16	18 34	0s 5	3 59	13 26	1 30	24 52	1 31	6 41	1 42	19 33	0 42	18 7	0 57	6 40	0 38	20 39	1 30	10 38	11 38	20 20	20 11	10 20	15 53	6 53
T 17	18 49	5 16	4 32	14 1	1 24	24 56	1 33	6 29	1 43	19 31	0 42	18 7	0 56	6 42	0 38	20 39	1 30	10 38	11 38	20 21	20 12	10 23	15 52	6 53
W18	19 4	10 16	4 54	14 36	1 18	25 0	1 35	6 16	1 43	19 29	0 42	18 6	0 56	6 43	0 38	20 39	1 30	10 37	11 38	20 23	20 12	10 25	15 52	6 54
T 19	19 18	14 55	5 3	15 10	1 12	25 3	1 37	6 4	1 44	19 27	0 42	18 5	0 56	6 44	0 38	20 40	1 30	10 37	11 38	20 25	20 13	10 28	15 52	6 55
F 20	19 32	19 2	4 58	15 44	1 5	25 5	1 39	5 52	1 45	19 25	0 42	18 4	0 56	6 45	0 38	20 40	1 30	10 37	11 38	20 27	20 14	10 31	15 51	6 55
S 21	19 46	22 24	4 40	16 17	0 58	25 6	1 41	5 39	1 45	19 22	0 42	18 3	0 56	6 46	0 38	20 40	1 30	10 37	11 39	20 30	20 14	10 34	15 51	6 56
S 22	19 59	24 48	4 9	16 50	0 51	25 6	1 43	5 27	1 46	19 20	0 42	18 2	0 56	6 48	0 38	20 41	1 30	10 37	11 39	20 32	20 15	10 37	15 51	6 56
M23	20 12	26 2	3 26	17 21	0 45	25 6	1 45	5 15	1 47	19 18	0 42	18 1	0 56	6 49	0 38	20 41	1 30	10 37	11 39	20 34	20 16	10 40	15 50	6 57
T 24	20 24	25 57	2 32	17 53	0 38	25 5	1 47	5 3	1 47	19 15	0 42	18 0	0 56	6 50	0 38	20 41	1 30	10 37	11 39	20 35	20 16	10 42	15 50	6 57
W25	20 36	24 30	1 30	18 23	0 31	25 3	1 48	4 50	1 48	19 13	0 42	17 59	0 56	6 51	0 38	20 42	1 30	10 36	11 39	20 36	20 17	10 45	15 50	6 58
T 26	20 48	21 44	0 22	18 52	0 24	25 1	1 50	4 38	1 48	19 10	0 42	17 57	0 56	6 52	0 38	20 42	1 30	10 36	11 39	20 36	20 18	10 48	15 50	6 58
F 27	21 0	17 48	0n48	19 21	0 17	24 57	1 51	4 26	1 49	19 8	0 42	17 56	0 56	6 53	0 38	20 42	1 30	10 36	11 39	20 36	20 18	10 51	15 50	6 59
S 28	21 11	12 54	1 58	19 49	0 10	24 53	1 53	4 14	1 50	19 5	0 42	17 55	0 56	6 54	0 38	20 43	1 30	10 36	11 39	20 36	20 19	10 54	15 49	6 59
S 29	21 21	7 17	3 2	20 16	0 3	24 49	1 54	4 2	1 50	19 3	0 42	17 54	0 56	6 55	0 38	20 43	1 30	10 36	11 39	20 36	20 20	10 56	15 49	7 0
M30	21s31	1s12	3n56	20s41	0s 4	24s43	1s55	3n50	1n51	19s 0	0s42	17s53	0s56	6s56	0n38	20s43	1n30	10n36	11s39	20s36	20s20	10s59	15n49	7s 0

Julian Day Number = 2502617.5, Delta T = 114.95 sec
Ecliptic obliquity = 23°25'21, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°41'39, Lahiri = 25°48'39

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2139
geocentric

DECEMBER 2139 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 2	8♐22'14	2♈ 2	4♐ 0	14♑ 4	25♍ 9	7♒54	12♒48	19♎17	11♐56	11°R24	27°R41	28♑59	16♎17	13°R 0	T 1
W 2	4 41 59	9°22'59	16°33	5°34	15°17	25°40	8° 4	12°52	19°20	11°58	11♊23	27♑36	28°56	16°24	12♋57	W 2
T 3	4 45 55	10°23'45	1♉16	7° 9	16°30	26°12	8°15	12°57	19°22	12° 0	11°22	27°30	28°53	16°31	12°54	T 3
F 4	4 49 52	11°24'32	16° 3	8°43	17°43	26°43	8°25	13° 1	19°25	12° 2	11°20	27°23	28°49	16°37	12°51	F 4
S 5	4 53 48	12°25'20	0♊48	10°18	18°56	27°14	8°36	13° 6	19°28	12° 5	11°19	27°15	28°46	16°44	12°47	S 5
S 6	4 57 45	13°26'09	15°22	11°52	20° 9	27°45	8°47	13°10	19°30	12° 7	11°18	27° 9	28°43	16°51	12°44	S 6
M 7	5 1 41	14°26'59	29°38	13°26	21°22	28°16	8°58	13°15	19°33	12° 9	11°17	27° 4	28°40	16°57	12°41	M 7
T 8	5 5 38	15°27'50	13♋31	15° 0	22°35	28°46	9° 9	13°20	19°36	12°12	11°16	27° 1	28°37	17° 4	12°38	T 8
W 9	5 9 35	16°28'43	26°59	16°35	23°48	29°17	9°20	13°25	19°38	12°14	11°15	27°D 0	28°34	17°11	12°34	W 9
T 10	5 13 31	17°29'37	10♌ 2	18° 9	25° 1	29°47	9°31	13°30	19°40	12°16	11°14	27° 1	28°30	17°18	12°31	T 10
F 11	5 17 28	18°30'32	22°42	19°43	26°14	0♎18	9°43	13°35	19°43	12°18	11°13	27° 2	28°27	17°24	12°27	F 11
S 12	5 21 24	19°31'28	5♍ 3	21°17	27°26	0°48	9°54	13°40	19°45	12°21	11°11	27° 4	28°24	17°31	12°24	S 12
S 13	5 25 21	20°32'25	17° 9	22°52	28°39	1°18	10° 6	13°45	19°48	12°23	11°10	27°R 5	28°21	17°38	12°20	S 13
M14	5 29 17	21°33'24	29° 5	24°26	29°51	1°47	10°18	13°50	19°50	12°25	11° 9	27° 5	28°18	17°45	12°16	M14
T 15	5 33 14	22°34'23	10♎57	26° 0	1♒ 4	2°17	10°29	13°56	19°52	12°27	11° 8	27° 3	28°14	17°51	12°13	T 15
W16	5 37 11	23°35'24	22°49	27°35	2°16	2°46	10°41	14° 1	19°54	12°29	11° 7	27° 0	28°11	17°58	12° 9	W16
T 17	5 41 7	24°36'26	4♏45	29° 9	3°29	3°16	10°53	14° 6	19°56	12°32	11° 6	26°55	28° 8	18° 5	12° 5	T 17
F 18	5 45 4	25°37'28	16°49	0♑44	4°41	3°45	11° 5	14°12	19°58	12°34	11° 5	26°49	28° 5	18°11	12° 1	F 18
S 19	5 49 0	26°38'32	29° 4	2°19	5°54	4°14	11°17	14°18	20° 0	12°36	11° 4	26°44	28° 2	18°18	11°58	S 19
S 20	5 52 57	27°39'37	11♐31	3°54	7° 6	4°42	11°29	14°23	20° 2	12°38	11° 3	26°38	27°59	18°25	11°54	S 20
M21	5 56 53	28°40'42	24°11	5°29	8°18	5°11	11°41	14°29	20° 4	12°41	11° 1	26°34	27°55	18°32	11°50	M21
T 22	6 0 50	29°41'48	7♑ 5	7° 4	9°30	5°39	11°54	14°35	20° 6	12°43	11° 0	26°31	27°52	18°38	11°46	T 22
W23	6 4 46	0♑42'54	20°12	8°40	10°42	6° 7	12° 6	14°40	20° 8	12°45	10°59	26°D30	27°49	18°45	11°42	W23
T 24	6 8 43	1°44'01	3♒31	10°15	11°54	6°35	12°19	14°46	20°10	12°47	10°58	26°30	27°46	18°52	11°38	T 24
F 25	6 12 40	2°45'08	17° 2	11°51	13° 6	7° 3	12°31	14°52	20°12	12°49	10°57	26°31	27°43	18°58	11°34	F 25
S 26	6 16 36	3°46'16	0♓43	13°26	14°18	7°31	12°44	14°58	20°13	12°51	10°56	26°32	27°40	19° 5	11°30	S 26
S 27	6 20 33	4°47'23	14°35	15° 2	15°30	7°58	12°57	15° 4	20°15	12°54	10°55	26°34	27°36	19°12	11°26	S 27
M28	6 24 29	5°48'31	28°36	16°37	16°42	8°25	13° 9	15°10	20°17	12°56	10°54	26°35	27°33	19°19	11°22	M28
T 29	6 28 26	6°49'39	12♈44	18°13	17°53	8°52	13°22	15°16	20°18	12°58	10°53	26°R35	27°30	19°25	11°18	T 29
W30	6 32 22	7°50'46	26°59	19°49	19° 5	9°19	13°35	15°23	20°20	13° 0	10°52	26°34	27°27	19°32	11°14	W30
T 31	6 36 19	8♑51'54	11♉18	21♑24	20♒16	9♎45	13♒48	15♒29	20♎21	13♐ 2	10♊51	26♑32	27♑24	19♎39	11♋10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s41	5n 3	4n37	21s 6	0s11	24s37	1s57	3n38	1n52	18s57	0s42	17s51	0s56	6s57	0n38	20s43	1n30	10n36	11s38	20s37	20s21	11s 2	15n49	7s 0
W 2	21 51	11 8	5 2	21 30	0 17	24 30	1 58	3 26	1 52	18 55	0 42	17 50	0 56	6 58	0 38	20 44	1 30	10 35	11 38	20 37	20 22	11 5	15 49	7 1
T 3	21 59	16 42	5 7	21 53	0 24	24 22	1 59	3 14	1 53	18 52	0 42	17 49	0 56	6 59	0 38	20 44	1 30	10 35	11 38	20 39	20 22	11 7	15 48	7 1
F 4	22 8	21 17	4 51	22 14	0 30	24 14	2 0	3 3	1 54	18 49	0 42	17 48	0 56	7 0	0 38	20 44	1 30	10 35	11 38	20 40	20 23	11 10	15 48	7 2
S 5	22 16	24 29	4 17	22 35	0 37	24 5	2 1	2 51	1 54	18 46	0 42	17 46	0 56	7 1	0 38	20 45	1 30	10 35	11 38	20 42	20 23	11 13	15 48	7 2
S 6	22 24	26 2	3 26	22 54	0 43	23 55	2 2	2 39	1 55	18 43	0 42	17 45	0 56	7 2	0 38	20 45	1 30	10 35	11 38	20 43	20 24	11 16	15 48	7 3
M 7	22 31	25 48	2 23	23 13	0 49	23 45	2 2	2 28	1 56	18 40	0 42	17 44	0 56	7 3	0 38	20 45	1 30	10 35	11 38	20 44	20 25	11 18	15 48	7 3
T 8	22 38	23 56	1 12	23 30	0 55	23 33	2 3	2 16	1 56	18 37	0 42	17 42	0 56	7 4	0 38	20 46	1 30	10 35	11 38	20 44	20 25	11 21	15 48	7 3
W 9	22 44	20 45	0 0	23 46	1 1	23 22	2 4	2 4	1 57	18 34	0 42	17 41	0 56	7 5	0 38	20 46	1 30	10 35	11 38	20 45	20 26	11 24	15 48	7 4
T 10	22 50	16 36	1s10	24 0	1 7	23 9	2 4	1 53	1 58	18 31	0 42	17 39	0 56	7 6	0 38	20 46	1 30	10 35	11 38	20 44	20 27	11 27	15 48	7 4
F 11	22 56	11 49	2 15	24 14	1 12	22 56	2 5	1 42	1 58	18 28	0 42	17 38	0 56	7 7	0 38	20 46	1 30	10 35	11 38	20 44	20 27	11 30	15 48	7 4
S 12	23 1	6 40	3 12	24 26	1 18	22 42	2 5	1 30	1 59	18 25	0 42	17 36	0 56	7 8	0 38	20 47	1 30	10 35	11 38	20 44	20 28	11 32	15 48	7 5
S 13	23 5	1 24	3 59	24 37	1 23	22 28	2 5	1 19	2 0	18 22	0 42	17 35	0 56	7 9	0 38	20 47	1 30	10 34	11 38	20 44	20 29	11 35	15 48	7 5
M14	23 9	3s51	4 35	24 46	1 28	22 12	2 5	1 8	2 0	18 19	0 42	17 33	0 56	7 10	0 38	20 47	1 30	10 34	11 38	20 44	20 29	11 38	15 48	7 5
T 15	23 13	8 55	4 59	24 55	1 33	21 57	2 5	0 57	2 1	18 16	0 42	17 32	0 56	7 10	0 38	20 48	1 30	10 34	11 38	20 44	20 30	11 40	15 48	7 6
W16	23 16	13 40	5 11	25 2	1 38	21 40	2 5	0 46	2 2	18 13	0 42	17 30	0 56	7 11	0 38	20 48	1 30	10 34	11 38	20 45	20 31	11 43	15 48	7 6
T 17	23 19	17 56	5 9	25 7	1 42	21 24	2 5	0 35	2 2	18 9	0 42	17 29	0 56	7 12	0 38	20 48	1 30	10 34	11 38	20 46	20 31	11 46	15 48	7 6
F 18	23 21	21 32	4 53	25 11	1 46	21 6	2 5	0 24	2 3	18 6	0 42	17 27	0 56	7 13	0 38	20 48	1 30	10 34	11 37	20 47	20 32	11 49	15 48	7 7
S 19	23 23	24 13	4 24	25 14	1 50	20 48	2 5	0 13	2 4	18 3	0 42	17 26	0 56	7 13	0 38	20 49	1 30	10 34	11 37	20 48	20 32	11 51	15 48	7 7
S 20	23 24	25 48	3 42	25 15	1 54	20 29	2 4	0 2	2 5	17 59	0 42	17 24	0 56	7 14	0 38	20 49	1 30	10 34	11 37	20 49	20 33	11 54	15 48	7 7
M21	23 25	26 5	2 48	25 15	1 57	20 10	2 4	0s 8	2 5	17 56	0 42	17 22	0 56	7 15	0 38	20 49	1 30	10 34	11 37	20 50	20 34	11 57	15 48	7 7
T 22	23 25	24 58	1 45	25 14	2 0	19 50	2 3	0 19	2 6	17 53	0 42	17 21	0 56	7 16	0 38	20 49	1 30	10 34	11 37	20 50	20 34	12 0	15 48	7 7
W23	23 25	22 28	0 35	25 11	2 3	19 30	2 2	0 30	2 7	17 49	0 42	17 19	0 56	7 16	0 38	20 50	1 30	10 34	11 37	20 50	20 35	12 2	15 48	7 8
T 24	23 25	18 44	0n39	25 6	2 5	19 9	2 1	0 40	2 7	17 46	0 42	17 17	0 56	7 17	0 39	20 50	1 30	10 34	11 37	20 50	20 36	12 5	15 48	7 8
F 25	23 24	13 58	1 51	25 0	2 7	18 48	2 1	0 50	2 8	17 42	0 42	17 15	0 56	7 18	0 39	20 50	1 30	10 34	11 37	20 50	20 36	12 8	15 49	7 8
S 26	23 22	8 27	2 57	24 53	2 9	18 26	2 0	1 0	2 9	17 39	0 42	17 14	0 56	7 18	0 39	20 51	1 30	10 34	11 36	20 50	20 37	12 10	15 49	7 8
S 27	23 20	2 27	3 55	24 44	2 10	18 4	1 58	1 10	2 10	17 35	0 42	17 12	0 56	7 19	0 39	20 51	1 30	10 34	11 36	20 50	20 37	12 13	15 49	7 8
M28	23 18	3n42	4 39	24 33	2 11	17 41	1 57	1 20	2 10	17 31	0 42	17 10	0 56	7 19	0 39	20 51	1 30	10 34	11 36	20 49	20 38	12 16	15 49	7 9
T 29	23 15	9 43	5 6	24 21	2 11	17 18	1 56	1 30	2 11	17 28	0 42	17 8	0 56	7 20	0 39	20 51	1 30	10 34	11 36	20 49	20 39	12 18	15 49	7 9
W30	23 11	15 17	5 15	24 8	2 11	16 54	1 54	1 40	2 12	17 24	0 42	17 7	0 56	7 20	0 39	20 52	1 30	10 34	11 36	20 50	20 39	12 21	15 50	7 9
T 31	23s 8	20n 2	5n 5	23s53	2s11	16s30	1s53	1s50	2n12	17s20	0s42	17s 5	0s56	7s21	0n39	20s52	1n30	10n34	11s36	20s50	20s40	12s24	15n50	7s 9

Julian Day Number = 2502647.5, Delta T = 115.01 sec
Ecliptic obliquity = 23°25'20, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°41'43, Lahiri = 25°48'44

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ASTRODIENST EPHEMERIS for the year 2140
geocentric

JANUARY 2140 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 40 15	9♑53'02	25♉36	22♑59	21♒27	10♎11	14♒ 1	15♒35	20♎22	13♐ 4	10°R50	26°R30	27♑20	19♎46	11°R 6	F 1
S 2	6 44 12	10°54'10	9♊51	24°34	22°39	10°37	14°14	15°41	20°24	13° 6	10♊49	26♑28	27°17	19°52	11♋ 2	S 2
S 3	6 48 9	11°55'17	23°57	26° 9	23°50	11° 3	14°27	15°48	20°25	13° 8	10°48	26°26	27°14	19°59	10°58	S 3
M 4	6 52 5	12°56'25	7♋50	27°43	25° 1	11°29	14°41	15°54	20°26	13°10	10°47	26°24	27°11	20° 6	10°54	M 4
T 5	6 56 2	13°57'33	21°27	29°16	26°12	11°54	14°54	16° 1	20°27	13°12	10°46	26°D24	27° 8	20°12	10°50	T 5
W 6	6 59 58	14°58'41	4♌45	0♒48	27°23	12°19	15° 7	16° 7	20°29	13°14	10°45	26°24	27° 5	20°19	10°46	W 6
T 7	7 3 55	15°59'49	17°43	2°20	28°33	12°44	15°21	16°14	20°30	13°16	10°44	26°25	27° 1	20°26	10°42	T 7
F 8	7 7 51	17° 0'57	0♍23	3°49	29°44	13° 8	15°34	16°20	20°31	13°18	10°43	26°25	26°58	20°33	10°37	F 8
S 9	7 11 48	18° 2'05	12°46	5°17	0♓54	13°32	15°47	16°27	20°32	13°20	10°43	26°26	26°55	20°39	10°33	S 9
S 10	7 15 44	19° 3'14	24°55	6°43	2° 5	13°56	16° 1	16°33	20°32	13°22	10°42	26°27	26°52	20°46	10°29	S 10
M11	7 19 41	20° 4'22	6♎54	8° 7	3°15	14°20	16°15	16°40	20°33	13°24	10°41	26°28	26°49	20°53	10°25	M11
T 12	7 23 38	21° 5'31	18°47	9°27	4°25	14°43	16°28	16°47	20°34	13°26	10°40	26°R28	26°46	21° 0	10°21	T 12
W13	7 27 34	22° 6'39	0♏40	10°44	5°35	15° 6	16°42	16°53	20°35	13°28	10°39	26°28	26°42	21° 6	10°17	W13
T 14	7 31 31	23° 7'48	12°36	11°57	6°45	15°29	16°56	17° 0	20°35	13°30	10°38	26°28	26°39	21°13	10°13	T 14
F 15	7 35 27	24° 8'57	24°41	13° 5	7°54	15°52	17° 9	17° 7	20°36	13°31	10°38	26°27	26°36	21°20	10°10	F 15
S 16	7 39 24	25°10'05	6♐58	14° 7	9° 4	16°14	17°23	17°14	20°37	13°33	10°37	26°27	26°33	21°26	10° 6	S 16
S 17	7 43 20	26°11'14	19°32	15° 3	10°13	16°36	17°37	17°21	20°37	13°35	10°36	26°D27	26°30	21°33	10° 2	S 17
M18	7 47 17	27°12'22	2♑23	15°52	11°23	16°57	17°51	17°28	20°38	13°37	10°35	26°27	26°26	21°40	9°58	M18
T 19	7 51 14	28°13'30	15°33	16°33	12°32	17°18	18° 5	17°35	20°38	13°39	10°35	26°27	26°23	21°47	9°54	T 19
W20	7 55 10	29°14'37	29° 2	17° 4	13°41	17°39	18°19	17°42	20°38	13°40	10°34	26°R27	26°20	21°53	9°50	W20
T 21	7 59 7	0♒15'44	12♒48	17°26	14°49	17°59	18°33	17°48	20°39	13°42	10°33	26°27	26°17	22° 0	9°47	T 21
F 22	8 3 3	1°16'51	26°48	17°R37	15°58	18°19	18°47	17°55	20°39	13°44	10°32	26°27	26°14	22° 7	9°43	F 22
S 23	8 7 0	2°17'56	10♓58	17°37	17° 6	18°39	19° 1	18° 2	20°39	13°45	10°32	26°26	26°11	22°13	9°39	S 23
S 24	8 10 56	3°19'01	25°14	17°25	18°15	18°58	19°15	18°10	20°39	13°47	10°31	26°25	26° 7	22°20	9°36	S 24
M25	8 14 53	4°20'04	9♈32	17° 2	19°23	19°17	19°29	18°17	20°R39	13°49	10°31	26°25	26° 4	22°27	9°32	M25
T 26	8 18 49	5°21'07	23°48	16°27	20°31	19°36	19°43	18°24	20°39	13°50	10°30	26°24	26° 1	22°34	9°29	T 26
W27	8 22 46	6°22'09	8♉ 0	15°42	21°38	19°54	19°57	18°31	20°39	13°52	10°29	26°D24	25°58	22°40	9°25	W27
T 28	8 26 43	7°23'10	22° 5	14°47	22°46	20°11	20°11	18°38	20°39	13°53	10°29	26°24	25°55	22°47	9°22	T 28
F 29	8 30 39	8°24'10	6♊ 2	13°44	23°53	20°29	20°26	18°45	20°39	13°55	10°28	26°25	25°52	22°54	9°18	F 29
S 30	8 34 36	9°25'08	19°49	12°35	25° 0	20°46	20°40	18°52	20°38	13°56	10°28	26°26	25°48	23° 1	9°15	S 30
S 31	8 38 32	10♒26'06	3♋26	11♒21	26♓ 7	21♎ 2	20♒54	18♒59	20♎38	13♐58	10♊27	26♑27	25♑45	23♎ 7	9♋12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23s 3	23n36	4n36	23s36	2s10	16s 6	1s51	1s59	2n13	17s17	0s42	17s 3	0s56	7s21	0n39	20s52	1n30	10n34	11s36	20s50	20s41	12s26	15n50	7s 9	F 1
S 2	22 58	25 42	3 50	23 18	2 9	15 41	1 49	2 9	2 14	17 13	0 42	17 1	0 56	7 22	0 39	20 52	1 30	10 34	11 35	20 51	20 41	12 29	15 50	7 9	S 2
S 3	22 53	26 7	2 50	22 58	2 6	15 15	1 47	2 18	2 15	17 9	0 42	16 59	0 56	7 22	0 39	20 52	1 30	10 34	11 35	20 51	20 42	12 32	15 50	7 9	S 3
M 4	22 48	24 52	1 41	22 38	2 4	14 50	1 45	2 27	2 15	17 5	0 42	16 57	0 56	7 23	0 39	20 53	1 30	10 34	11 35	20 51	20 42	12 34	15 51	7 9	M 4
T 5	22 41	22 10	0 27	22 15	2 0	14 24	1 43	2 37	2 16	17 1	0 42	16 55	0 56	7 23	0 39	20 53	1 30	10 34	11 35	20 51	20 43	12 37	15 51	7 9	T 5
W 6	22 35	18 19	0s46	21 51	1 57	13 58	1 41	2 46	2 17	16 57	0 42	16 53	0 56	7 24	0 39	20 53	1 30	10 34	11 35	20 51	20 44	12 40	15 51	7 9	W 6
T 7	22 28	13 41	1 55	21 27	1 52	13 31	1 39	2 55	2 18	16 53	0 42	16 52	0 56	7 24	0 39	20 53	1 30	10 34	11 35	20 51	20 44	12 42	15 52	7 9	T 7
F 8	22 20	8 34	2 57	21 0	1 46	13 4	1 37	3 3	2 19	16 50	0 42	16 50	0 56	7 24	0 39	20 54	1 30	10 34	11 34	20 51	20 45	12 45	15 52	7 9	F 8
S 9	22 12	3 14	3 50	20 33	1 40	12 37	1 34	3 12	2 19	16 46	0 42	16 48	0 56	7 25	0 39	20 54	1 30	10 34	11 34	20 51	20 46	12 48	15 52	7 9	S 9
S 10	22 4	2s 7	4 30	20 5	1 33	12 9	1 31	3 21	2 20	16 42	0 42	16 46	0 56	7 25	0 39	20 54	1 30	10 35	11 34	20 51	20 46	12 50	15 52	7 9	S 10
M11	21 55	7 18	4 59	19 36	1 25	11 41	1 29	3 29	2 21	16 37	0 42	16 44	0 57	7 25	0 39	20 54	1 30	10 35	11 34	20 51	20 47	12 53	15 53	7 9	M11
T 12	21 46	12 12	5 14	19 6	1 16	11 13	1 26	3 37	2 22	16 33	0 42	16 42	0 57	7 25	0 39	20 54	1 30	10 35	11 34	20 51	20 47	12 56	15 53	7 9	T 12
W13	21 37	16 38	5 16	18 36	1 7	10 45	1 23	3 45	2 22	16 29	0 42	16 40	0 57	7 26	0 39	20 55	1 30	10 35	11 33	20 51	20 48	12 58	15 54	7 9	W13
T 14	21 26	20 26	5 5	18 6	0 56	10 16	1 20	3 53	2 23	16 25	0 42	16 38	0 57	7 26	0 39	20 55	1 30	10 35	11 33	20 51	20 49	13 1	15 54	7 9	T 14
F 15	21 16	23 26	4 39	17 35	0 44	9 47	1 17	4 1	2 24	16 21	0 42	16 36	0 57	7 26	0 39	20 55	1 30	10 35	11 33	20 51	20 49	13 4	15 54	7 9	F 15
S 16	21 5	25 25	4 1	17 5	0 32	9 18	1 13	4 9	2 25	16 17	0 42	16 34	0 57	7 26	0 39	20 55	1 30	10 35	11 33	20 51	20 50	13 6	15 55	7 9	S 16
S 17	20 54	26 11	3 11	16 36	0 18	8 49	1 10	4 17	2 26	16 13	0 42	16 31	0 57	7 26	0 39	20 55	1 30	10 35	11 33	20 51	20 50	13 9	15 55	7 9	S 17
M18	20 42	25 34	2 10	16 7	0 3	8 19	1 7	4 24	2 26	16 9	0 42	16 29	0 57	7 27	0 39	20 56	1 30	10 35	11 32	20 51	20 51	13 11	15 55	7 9	M18
T 19	20 30	23 31	1 0	15 40	0n12	7 49	1 3	4 31	2 27	16 4	0 42	16 27	0 57	7 27	0 39	20 56	1 30	10 35	11 32	20 51	20 52	13 14	15 56	7 8	T 19
W20	20 18	20 6	0n14	15 15	0 29	7 20	0 59	4 38	2 28	16 0	0 42	16 25	0 57	7 27	0 39	20 56	1 30	10 36	11 32	20 51	20 52	13 17	15 56	7 8	W20
T 21	20 5	15 32	1 29	14 52	0 46	6 50	0 56	4 45	2 29	15 56	0 42	16 23	0 57	7 27	0 39	20 56	1 30	10 36	11 32	20 51	20 53	13 19	15 57	7 8	T 21
F 22	19 52	10 4	2 40	14 32	1 4	6 20	0 52	4 52	2 30	15 51	0 42	16 21	0 57	7 27	0 39	20 56	1 30	10 36	11 31	20 51	20 53	13 22	15 57	7 8	F 22
S 23	19 38	4 1	3 42	14 15	1 22	5 49	0 48	4 59	2 30	15 47	0 42	16 19	0 57	7 27	0 39	20 56	1 30	10 36	11 31	20 51	20 54	13 24	15 58	7 8	S 23
S 24	19 24	2n15	4 31	14 1	1 40	5 19	0 44	5 6	2 31	15 43	0 42	16 17	0 57	7 27	0 39	20 57	1 30	10 36	11 31	20 51	20 55	13 27	15 58	7 8	S 24
M25	19 10	8 25	5 3	13 50	1 58	4 48	0 39	5 12	2 32	15 38	0 43	16 15	0 57	7 27	0 40	20 57	1 30	10 36	11 31	20 51	20 55	13 30	15 58	7 7	M25
T 26	18 55	14 8	5 16	13 44	2 16	4 18	0 35	5 18	2 33	15 34	0 43	16 13	0 57	7 27	0 40	20 57	1 30	10 36	11 31	20 51	20 56	13 32	15 59	7 7	T 26
W27	18 40	19 3	5 10	13 41	2 33	3 47	0 31	5 24	2 34	15 30	0 43	16 10	0 57	7 27	0 40	20 57	1 30	10 37	11 30	20 51	20 56	13 35	15 59	7 7	W27
T 28	18 25	22 52	4 45	13 43	2 48	3 16	0 26	5 30	2 34	15 25	0 43	16 8	0 57	7 27	0 40	20 57	1 30	10 37	11 30	20 51	20 57	13 37	16 0	7 7	T 28
F 29	18 9	25 18	4 4	13 47	3 2	2 46	0 22	5 36	2 35	15 21	0 43	16 6	0 57	7 27	0 40	20 57	1 30	10 37	11 30	20 51	20 58	13 40	16 0	7 6	F 29
S 30	17 53	26 10	3 9	13 55	3 13	2 15	0 17	5 41	2 36	15 16	0 43	16 4	0 57	7 27	0 40	20 58	1 30	10 37	11 30	20 51	20 58	13 42	16 1	7 6	S 30
S 31	17s37	25n27	2n 4	14s 6	3n23	1s44	0s12	5s47	2n37	15s12	0s43	16s 2	0s57	7s26	0n40	20s58	1n31	10n37	11s29	20s51	20s59	13s45	16n 1	7s 6	S 31

Julian Day Number = 2502678.5, Delta T = 115.06 sec
Ecliptic obliquity = 23°25'20, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°41'47, Lahiri = 25°48'48

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ASTRODIENST EPHEMERIS for the year 2140
geocentric

FEBRUARY 2140 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 42 29	11♒27'02	16♋50	10°R 6	27♓13	21♎18	21♒ 8	19♒ 6	20°R38	13♐59	10°R27	26♑28	25♑42	23♎14	9°R 8	M 1
T 2	8 46 25	12°27'57	0♌ 2	8♒51	28°19	21°33	21°23	19°14	20♎37	14° 1	10♊26	26°R28	25°39	23°21	9♋ 5	T 2
W 3	8 50 22	13°28'52	13° 1	7°38	29°25	21°48	21°37	19°21	20°37	14° 2	10°26	26°27	25°36	23°27	9° 2	W 3
T 4	8 54 18	14°29'45	25°46	6°30	0♈31	22° 3	21°51	19°28	20°36	14° 3	10°25	26°26	25°32	23°34	8°59	T 4
F 5	8 58 15	15°30'37	8♍18	5°28	1°37	22°17	22° 6	19°35	20°36	14° 5	10°25	26°23	25°29	23°41	8°56	F 5
S 6	9 2 12	16°31'28	20°37	4°32	2°42	22°31	22°20	19°42	20°35	14° 6	10°25	26°20	25°26	23°48	8°53	S 6
S 7	9 6 8	17°32'19	2♎44	3°44	3°47	22°44	22°34	19°49	20°35	14° 7	10°24	26°16	25°23	23°54	8°50	S 7
M 8	9 10 5	18°33'08	14°43	3° 4	4°51	22°56	22°49	19°57	20°34	14° 8	10°24	26°13	25°20	24° 1	8°47	M 8
T 9	9 14 1	19°33'56	26°37	2°33	5°56	23° 8	23° 3	20° 4	20°33	14°10	10°24	26°10	25°17	24° 8	8°45	T 9
W10	9 17 58	20°34'44	8♏29	2°10	7° 0	23°20	23°17	20°11	20°32	14°11	10°23	26° 8	25°13	24°15	8°42	W10
T 11	9 21 54	21°35'30	20°24	1°56	8° 3	23°31	23°32	20°18	20°31	14°12	10°23	26°D 8	25°10	24°21	8°40	T 11
F 12	9 25 51	22°36'16	2♐27	1°D49	9° 7	23°41	23°46	20°25	20°30	14°13	10°23	26° 8	25° 7	24°28	8°37	F 12
S 13	9 29 47	23°37'00	14°42	1°50	10°10	23°51	24° 1	20°33	20°29	14°14	10°22	26° 9	25° 4	24°35	8°35	S 13
S 14	9 33 44	24°37'44	27°15	1°58	11°13	24° 0	24°15	20°40	20°28	14°15	10°22	26°11	25° 1	24°41	8°32	S 14
M15	9 37 41	25°38'26	10♑ 8	2°12	12°15	24° 8	24°29	20°47	20°27	14°16	10°22	26°13	24°58	24°48	8°30	M15
T 16	9 41 37	26°39'08	23°26	2°33	13°17	24°16	24°44	20°54	20°26	14°17	10°22	26°R14	24°54	24°55	8°28	T 16
W17	9 45 34	27°39'48	7♒ 8	2°59	14°19	24°24	24°58	21° 1	20°25	14°18	10°22	26°13	24°51	25° 2	8°26	W17
T 18	9 49 30	28°40'27	21°13	3°30	15°20	24°30	25°12	21° 9	20°24	14°19	10°22	26°11	24°48	25° 8	8°23	T 18
F 19	9 53 27	29°41'04	5♓38	4° 6	16°21	24°36	25°27	21°16	20°22	14°20	10°21	26° 7	24°45	25°15	8°21	F 19
S 20	9 57 23	0♓41'39	20°18	4°47	17°21	24°42	25°41	21°23	20°21	14°21	10°21	26° 3	24°42	25°22	8°20	S 20
S 21	10 1 20	1°42'13	5♈ 4	5°32	18°21	24°46	25°56	21°30	20°20	14°22	10°21	25°57	24°38	25°28	8°18	S 21
M22	10 5 16	2°42'46	19°49	6°20	19°20	24°50	26°10	21°37	20°18	14°22	10°21	25°52	24°35	25°35	8°16	M22
T 23	10 9 13	3°43'16	4♉25	7°12	20°19	24°54	26°24	21°44	20°17	14°23	10°D21	25°47	24°32	25°42	8°14	T 23
W24	10 13 10	4°43'45	18°48	8° 7	21°18	24°56	26°39	21°51	20°15	14°24	10°21	25°44	24°29	25°49	8°13	W24
T 25	10 17 6	5°44'12	2♊55	9° 5	22°16	24°58	26°53	21°58	20°14	14°25	10°21	25°D43	24°26	25°55	8°11	T 25
F 26	10 21 3	6°44'37	16°44	10° 6	23°13	25° 0	27° 7	22° 6	20°12	14°25	10°21	25°44	24°23	26° 2	8°10	F 26
S 27	10 24 59	7°45'00	0♋15	11° 9	24°10	25°R 0	27°21	22°13	20°11	14°26	10°21	25°45	24°19	26° 9	8° 9	S 27
S 28	10 28 56	8°45'21	13°31	12°15	25° 7	25° 0	27°36	22°20	20° 9	14°26	10°21	25°46	24°16	26°16	8° 7	S 28
M29	10 32 52	9♓45'41	26♋33	13♒22	26♈ 3	24♎59	27♒50	22♒27	20♎ 7	14♐27	10♊22	25°R47	24♑13	26♎22	8♋ 6	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	17s20	23n14	0n53	14s20	3n30	1s13	0s 8	5s52	2n38	15s 7	0s43	16s 0	0s57	7s26	0n40	20s58	1n31	10n38	11s29	20s51	20s59	13s48	16n 2	7s 6	M 1
T 2	17 3	19 48	0s20	14 35	3 35	0 42	0 3	5 57	2 38	15 3	0 43	15 57	0 57	7 26	0 40	20 58	1 31	10 38	11 29	20 51	21 0	13 50	16 2	7 5	T 2
W 3	16 46	15 27	1 30	14 51	3 37	0 12	0n 2	6 2	2 39	14 58	0 43	15 55	0 57	7 26	0 40	20 58	1 31	10 38	11 29	20 51	21 0	13 53	16 3	7 5	W 3
T 4	16 28	10 29	2 35	15 8	3 37	0n19	0 8	6 6	2 40	14 54	0 43	15 53	0 58	7 26	0 40	20 58	1 31	10 38	11 28	20 51	21 1	13 55	16 3	7 5	T 4
F 5	16 10	5 12	3 31	15 26	3 34	0 50	0 13	6 11	2 41	14 49	0 43	15 51	0 58	7 25	0 40	20 58	1 31	10 38	11 28	20 52	21 2	13 58	16 4	7 4	F 5
S 6	15 52	0s12	4 16	15 43	3 30	1 21	0 18	6 15	2 42	14 44	0 43	15 49	0 58	7 25	0 40	20 58	1 31	10 39	11 28	20 52	21 2	14 0	16 4	7 4	S 6
S 7	15 34	5 30	4 48	16 0	3 23	1 52	0 23	6 19	2 42	14 40	0 43	15 46	0 58	7 25	0 40	20 59	1 31	10 39	11 28	20 53	21 3	14 3	16 5	7 4	S 7
M 8	15 15	10 32	5 8	16 17	3 16	2 22	0 29	6 23	2 43	14 35	0 43	15 44	0 58	7 25	0 40	20 59	1 31	10 39	11 27	20 54	21 3	14 5	16 5	7 3	M 8
T 9	14 56	15 8	5 14	16 33	3 7	2 53	0 34	6 27	2 44	14 30	0 43	15 42	0 58	7 24	0 40	20 59	1 31	10 39	11 27	20 54	21 4	14 8	16 6	7 3	T 9
W10	14 37	19 10	5 7	16 47	2 57	3 23	0 40	6 30	2 45	14 26	0 43	15 40	0 58	7 24	0 40	20 59	1 31	10 39	11 27	20 54	21 5	14 10	16 6	7 3	W10
T 11	14 18	22 26	4 47	17 1	2 46	3 54	0 46	6 33	2 46	14 21	0 44	15 37	0 58	7 24	0 40	20 59	1 31	10 40	11 26	20 55	21 5	14 13	16 7	7 2	T 11
F 12	13 58	24 46	4 13	17 14	2 35	4 24	0 51	6 36	2 46	14 16	0 44	15 35	0 58	7 23	0 40	20 59	1 31	10 40	11 26	20 54	21 6	14 15	16 7	7 2	F 12
S 13	13 38	26 0	3 28	17 25	2 23	4 54	0 57	6 39	2 47	14 12	0 44	15 33	0 58	7 23	0 40	20 59	1 31	10 40	11 26	20 54	21 6	14 18	16 8	7 2	S 13
S 14	13 18	25 56	2 32	17 35	2 11	5 24	1 3	6 42	2 48	14 7	0 44	15 31	0 58	7 22	0 40	20 59	1 31	10 40	11 26	20 54	21 7	14 20	16 9	7 1	S 14
M15	12 58	24 29	1 27	17 43	1 59	5 54	1 9	6 44	2 49	14 2	0 44	15 29	0 58	7 22	0 40	20 59	1 31	10 41	11 25	20 54	21 7	14 23	16 9	7 1	M15
T 16	12 37	21 39	0 15	17 51	1 47	6 24	1 15	6 47	2 49	13 58	0 44	15 26	0 58	7 22	0 40	20 59	1 31	10 41	11 25	20 53	21 8	14 25	16 10	7 0	T 16
W17	12 17	17 31	0n59	17 57	1 35	6 53	1 21	6 49	2 50	13 53	0 44	15 24	0 58	7 21	0 40	20 59	1 31	10 41	11 25	20 54	21 9	14 28	16 10	7 0	W17
T 18	11 56	12 20	2 12	18 1	1 23	7 23	1 28	6 50	2 51	13 48	0 44	15 22	0 58	7 21	0 40	20 59	1 31	10 41	11 25	20 54	21 9	14 30	16 11	6 59	T 18
F 19	11 34	6 22	3 18	18 4	1 11	7 52	1 34	6 52	2 52	13 43	0 44	15 20	0 59	7 20	0 40	20 59	1 31	10 42	11 24	20 55	21 10	14 33	16 11	6 59	F 19
S 20	11 13	0n 2	4 13	18 6	0 59	8 21	1 40	6 53	2 52	13 39	0 44	15 17	0 59	7 20	0 40	21 0	1 31	10 42	11 24	20 56	21 10	14 35	16 12	6 59	S 20
S 21	10 52	6 27	4 50	18 6	0 47	8 50	1 47	6 54	2 53	13 34	0 44	15 15	0 59	7 19	0 40	21 0	1 31	10 42	11 24	20 57	21 11	14 38	16 12	6 58	S 21
M22	10 30	12 30	5 9	18 5	0 36	9 18	1 53	6 55	2 54	13 29	0 44	15 13	0 59	7 18	0 40	21 0	1 31	10 42	11 23	20 58	21 11	14 40	16 13	6 58	M22
T 23	10 8	17 48	5 7	18 3	0 25	9 47	1 59	6 56	2 54	13 24	0 44	15 11	0 59	7 18	0 40	21 0	1 31	10 43	11 23	20 58	21 12	14 43	16 14	6 57	T 23
W24	9 46	21 59	4 46	17 59	0 15	10 15	2 6	6 56	2 55	13 19	0 45	15 9	0 59	7 17	0 40	21 0	1 32	10 43	11 23	20 59	21 13	14 45	16 14	6 57	W24
T 25	9 24	24 46	4 8	17 54	0 4	10 43	2 13	6 56	2 55	13 15	0 45	15 6	0 59	7 17	0 40	21 0	1 32	10 43	11 23	20 59	21 13	14 48	16 15	6 56	T 25
F 26	9 2	26 0	3 16	17 48	0s 6	11 10	2 19	6 56	2 56	13 10	0 45	15 4	0 59	7 16	0 40	21 0	1 32	10 44	11 22	20 59	21 14	14 50	16 15	6 56	F 26
S 27	8 39	25 39	2 14	17 40	0 16	11 38	2 26	6 56	2 57	13 5	0 45	15 2	0 59	7 15	0 40	21 0	1 32	10 44	11 22	20 59	21 14	14 53	16 16	6 55	S 27
S 28	8 17	23 50	1 6	17 31	0 25	12 5	2 33	6 55	2 57	13 0	0 45	15 0	0 59	7 15	0 40	21 0	1 32	10 44	11 22	20 59	21 15	14 55	16 16	6 55	S 28
M29	7s54	20n46	0s 4	17s20	0s34	12n31	2n39	6s54	2n58	12s55	0s45	14s57	0s59	7s14	0n40	21s 0	1n32	10n44	11s21	20s58	21s15	14s57	16n17	6s54	M29

Julian Day Number = 2502709.5, Delta T = 115.11 sec
Ecliptic obliquity = 23°25'20, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°41'52, Lahiri = 25°48'52

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ASTRODIENST EPHEMERIS for the year 2140
geocentric

MARCH 2140 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 36 49	10♓45'58	9♌22	14♒32	26♈58	24°R57	28♒ 4	22♒34	20°R 5	14♐28	10♊22	25°R46	24♑10	26♎29	8°R 5	T 1
W 2	10 40 45	11°46'13	21°59	15°44	27°52	24♎55	28°18	22°41	20♎ 4	14°28	10°22	25♑43	24° 7	26°36	8♋ 4	W 2
T 3	10 44 42	12°46'27	4♍27	16°58	28°46	24°52	28°33	22°47	20° 2	14°28	10°22	25°37	24° 4	26°42	8° 3	T 3
F 4	10 48 39	13°46'38	16°46	18°13	29°40	24°48	28°47	22°54	20° 0	14°29	10°22	25°30	24° 0	26°49	8° 2	F 4
S 5	10 52 35	14°46'48	28°56	19°30	0♉32	24°43	29° 1	23° 1	19°58	14°29	10°22	25°20	23°57	26°56	8° 2	S 5
S 6	10 56 32	15°46'56	10♎58	20°49	1°24	24°37	29°15	23° 8	19°56	14°30	10°23	25°10	23°54	27° 3	8° 1	S 6
M 7	11 0 28	16°47'02	22°55	22° 9	2°15	24°31	29°29	23°15	19°54	14°30	10°23	25° 1	23°51	27° 9	8° 0	M 7
T 8	11 4 25	17°47'07	4♏48	23°31	3° 5	24°24	29°43	23°22	19°52	14°30	10°23	24°52	23°48	27°16	8° 0	T 8
W 9	11 8 21	18°47'10	16°39	24°54	3°55	24°16	29°57	23°29	19°50	14°31	10°24	24°45	23°44	27°23	8° 0	W 9
T 10	11 12 18	19°47'12	28°33	26°19	4°44	24° 8	0♓11	23°35	19°48	14°31	10°24	24°40	23°41	27°29	7°59	T 10
F 11	11 16 14	20°47'12	10♐33	27°45	5°31	23°58	0°25	23°42	19°46	14°31	10°24	24°37	23°38	27°36	7°59	F 11
S 12	11 20 11	21°47'10	22°45	29°12	6°18	23°48	0°39	23°49	19°43	14°31	10°25	24°D37	23°35	27°43	7°59	S 12
S 13	11 24 7	22°47'07	5♑13	0♓40	7° 4	23°37	0°53	23°55	19°41	14°31	10°25	24°37	23°32	27°50	7°D59	S 13
M14	11 28 4	23°47'02	18° 2	2°10	7°49	23°25	1° 7	24° 2	19°39	14°31	10°25	24°R38	23°29	27°56	7°59	M14
T 15	11 32 1	24°46'55	1♒16	3°41	8°34	23°13	1°21	24° 8	19°37	14°31	10°26	24°38	23°25	28° 3	7°59	T 15
W16	11 35 57	25°46'47	14°59	5°13	9°17	23° 0	1°34	24°15	19°34	14°R31	10°26	24°36	23°22	28°10	8° 0	W16
T 17	11 39 54	26°46'37	29°11	6°47	9°59	22°46	1°48	24°21	19°32	14°31	10°27	24°32	23°19	28°17	8° 0	T 17
F 18	11 43 50	27°46'25	13♓48	8°22	10°39	22°31	2° 2	24°28	19°30	14°31	10°27	24°25	23°16	28°23	8° 0	F 18
S 19	11 47 47	28°46'11	28°46	9°58	11°19	22°16	2°15	24°34	19°27	14°31	10°28	24°16	23°13	28°30	8° 1	S 19
S 20	11 51 43	29°45'55	13♈55	11°35	11°58	22° 0	2°29	24°41	19°25	14°31	10°28	24° 6	23° 9	28°37	8° 2	S 20
M21	11 55 40	0♈45'37	29° 4	13°13	12°35	21°43	2°43	24°47	19°23	14°31	10°29	23°56	23° 6	28°43	8° 2	M21
T 22	11 59 36	1°45'17	14♉ 4	14°53	13°11	21°26	2°56	24°53	19°20	14°31	10°29	23°48	23° 3	28°50	8° 3	T 22
W23	12 3 33	2°44'54	28°46	16°34	13°45	21° 8	3°10	24°59	19°18	14°31	10°30	23°41	23° 0	28°57	8° 4	W23
T 24	12 7 30	3°44'30	13♊ 5	18°16	14°19	20°49	3°23	25° 6	19°15	14°30	10°31	23°37	22°57	29° 4	8° 5	T 24
F 25	12 11 26	4°44'03	26°59	20° 0	14°50	20°30	3°36	25°12	19°13	14°30	10°31	23°35	22°54	29°10	8° 6	F 25
S 26	12 15 23	5°43'34	10♋28	21°44	15°20	20°10	3°50	25°18	19°10	14°30	10°32	23°D35	22°50	29°17	8° 7	S 26
S 27	12 19 19	6°43'03	23°36	23°30	15°49	19°50	4° 3	25°24	19° 8	14°30	10°33	23°R36	22°47	29°24	8° 8	S 27
M28	12 23 16	7°42'29	6♌25	25°18	16°16	19°30	4°16	25°30	19° 5	14°29	10°33	23°35	22°44	29°31	8°10	M28
T 29	12 27 12	8°41'52	19° 0	27° 6	16°41	19° 9	4°29	25°36	19° 3	14°29	10°34	23°32	22°41	29°37	8°11	T 29
W30	12 31 9	9°41'14	1♍22	28°56	17° 5	18°47	4°42	25°42	19° 0	14°28	10°35	23°27	22°38	29°44	8°13	W30
T 31	12 35 5	10♈40'33	13♍36	0♈48	17♉26	18♎25	4♓55	25♒47	18♎58	14♐28	10♊36	23♑19	22♑35	29♎51	8♋14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s31	16n44	1s13	17s 8	0s43	12n58	2n46	6s53	2n58	12s50	0s45	14s55	0s59	7s13	0n40	21s 0	1n32	10n45	11s21	20s59	21s16	15s 0	16n17	6s54
W 2	7 9	12 1	2 17	16 55	0 51	13 24	2 53	6 52	2 59	12 46	0 45	14 53	1 0	7 13	0 40	21 0	1 32	10 45	11 21	20 59	21 16	15 2	16 18	6 53
T 3	6 46	6 52	3 13	16 41	0 59	13 50	3 0	6 50	2 59	12 41	0 45	14 51	1 0	7 12	0 40	21 0	1 32	10 45	11 21	21 0	21 17	15 5	16 19	6 53
F 4	6 23	1 33	3 59	16 25	1 7	14 15	3 7	6 49	2 59	12 36	0 45	14 49	1 0	7 11	0 41	21 0	1 32	10 46	11 20	21 2	21 18	15 7	16 19	6 52
S 5	5 59	3s46	4 34	16 8	1 14	14 40	3 13	6 47	3 0	12 31	0 45	14 47	1 0	7 10	0 41	21 0	1 32	10 46	11 20	21 3	21 18	15 10	16 20	6 52
S 6	5 36	8 53	4 56	15 49	1 21	15 5	3 20	6 44	3 0	12 26	0 46	14 44	1 0	7 10	0 41	21 0	1 32	10 46	11 20	21 5	21 19	15 12	16 20	6 51
M 7	5 13	13 38	5 5	15 29	1 27	15 29	3 27	6 42	3 0	12 21	0 46	14 42	1 0	7 9	0 41	21 0	1 32	10 46	11 19	21 7	21 19	15 14	16 21	6 51
T 8	4 49	17 50	5 1	15 8	1 33	15 53	3 34	6 39	3 1	12 17	0 46	14 40	1 0	7 8	0 41	21 0	1 32	10 47	11 19	21 8	21 20	15 17	16 21	6 50
W 9	4 26	21 20	4 44	14 46	1 39	16 17	3 41	6 36	3 1	12 12	0 46	14 38	1 0	7 7	0 41	21 0	1 32	10 47	11 19	21 10	21 20	15 19	16 22	6 50
T 10	4 3	23 57	4 14	14 22	1 44	16 40	3 48	6 33	3 1	12 7	0 46	14 36	1 0	7 7	0 41	21 0	1 32	10 47	11 19	21 11	21 21	15 22	16 22	6 49
F 11	3 39	25 32	3 33	13 58	1 49	17 3	3 55	6 29	3 1	12 2	0 46	14 34	1 1	7 6	0 41	21 0	1 32	10 48	11 18	21 11	21 21	15 24	16 23	6 49
S 12	3 15	25 55	2 42	13 31	1 54	17 25	4 2	6 25	3 1	11 57	0 46	14 32	1 1	7 5	0 41	21 0	1 32	10 48	11 18	21 11	21 22	15 26	16 23	6 48
S 13	2 52	25 1	1 42	13 4	1 58	17 47	4 9	6 21	3 1	11 53	0 46	14 30	1 1	7 4	0 41	21 0	1 32	10 48	11 18	21 11	21 22	15 29	16 24	6 48
M14	2 28	22 47	0 35	12 36	2 2	18 8	4 16	6 17	3 1	11 48	0 46	14 28	1 1	7 3	0 41	21 0	1 32	10 49	11 18	21 11	21 23	15 31	16 25	6 47
T 15	2 4	19 17	0n35	12 6	2 5	18 29	4 23	6 13	3 1	11 43	0 47	14 25	1 1	7 2	0 41	21 0	1 32	10 49	11 17	21 11	21 24	15 33	16 25	6 47
W16	1 41	14 38	1 46	11 35	2 8	18 50	4 30	6 8	3 1	11 38	0 47	14 23	1 1	7 2	0 41	21 0	1 33	10 49	11 17	21 11	21 24	15 36	16 26	6 46
T 17	1 17	9 3	2 53	11 2	2 11	19 10	4 36	6 3	3 0	11 33	0 47	14 21	1 1	7 1	0 41	21 0	1 33	10 50	11 17	21 12	21 25	15 38	16 26	6 45
F 18	0 53	2 49	3 51	10 29	2 13	19 29	4 43	5 58	3 0	11 29	0 47	14 19	1 1	7 0	0 41	21 0	1 33	10 50	11 16	21 13	21 25	15 41	16 27	6 45
S 19	0 29	3n41	4 33	9 54	2 15	19 48	4 50	5 53	3 0	11 24	0 47	14 17	1 1	6 59	0 41	20 59	1 33	10 50	11 16	21 15	21 26	15 43	16 27	6 44
S 20	0 6	10 3	4 58	9 19	2 16	20 7	4 56	5 47	2 59	11 19	0 47	14 15	1 2	6 58	0 41	20 59	1 33	10 51	11 16	21 17	21 26	15 45	16 28	6 44
M21	0n18	15 50	5 1	8 42	2 17	20 25	5 3	5 41	2 59	11 14	0 47	14 13	1 2	6 57	0 41	20 59	1 33	10 51	11 16	21 18	21 27	15 48	16 28	6 43
T 22	0 42	20 34	4 44	8 3	2 17	20 42	5 10	5 35	2 58	11 9	0 47	14 11	1 2	6 56	0 41	20 59	1 33	10 51	11 15	21 20	21 27	15 50	16 29	6 43
W23	1 6	23 54	4 8	7 24	2 17	20 59	5 16	5 29	2 58	11 5	0 48	14 9	1 2	6 55	0 41	20 59	1 33	10 52	11 15	21 21	21 28	15 52	16 29	6 42
T 24	1 29	25 37	3 17	6 44	2 16	21 15	5 22	5 23	2 57	11 0	0 48	14 7	1 2	6 54	0 41	20 59	1 33	10 52	11 15	21 22	21 28	15 55	16 30	6 42
F 25	1 53	25 39	2 16	6 2	2 15	21 30	5 29	5 17	2 56	10 55	0 48	14 5	1 2	6 53	0 41	20 59	1 33	10 52	11 15	21 22	21 29	15 57	16 30	6 41
S 26	2 16	24 9	1 9	5 20	2 14	21 45	5 35	5 10	2 55	10 51	0 48	14 3	1 2	6 52	0 41	20 59	1 33	10 53	11 14	21 22	21 29	15 59	16 30	6 41
S 27	2 40	21 22	0s 0	4 36	2 12	21 59	5 41	5 3	2 55	10 46	0 48	14 2	1 2	6 51	0 41	20 59	1 33	10 53	11 14	21 22	21 30	16 2	16 31	6 40
M28	3 3	17 34	1 7	3 51	2 10	22 13	5 47	4 57	2 54	10 41	0 48	14 0	1 3	6 50	0 41	20 59	1 33	10 53	11 14	21 22	21 30	16 4	16 31	6 40
T 29	3 27	13 3	2 10	3 5	2 7	22 26	5 52	4 50	2 52	10 37	0 48	13 58	1 3	6 50	0 41	20 59	1 33	10 54	11 14	21 22	21 31	16 6	16 32	6 39
W30	3 50	8 5	3 6	2 18	2 3	22 38	5 58	4 43	2 51	10 32	0 49	13 56	1 3	6 49	0 41	20 59	1 33	10 54	11 13	21 23	21 31	16 9	16 32	6 39
T 31	4n13	2n53	3s52	1s30	1s59	22n49	6n 3	4s36	2n50	10s27	0s49	13s54	1s 3	6s48	0n41	20s59	1n33	10n54	11s13	21s25	21s32	16s11	16n33	6s38

Julian Day Number = 2502738.5, Delta T = 115.16 sec
Ecliptic obliquity = 23°25'20, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°41'56, Lahiri = 25°48'56

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ASTRODIENST EPHEMERIS for the year 2140
geocentric

APRIL 2140 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 39 2	11♈39'50	25♍42	2♈40	17♉46	18°R 3	5♓ 8	25♒53	18°R55	14°R27	10♊36	23°R 8	22♑31	29♎57	8♋16	F 1
S 2	12 42 59	12°39'05	7♎43	4°34	18° 4	17♎41	5°21	25°59	18♎53	14♐27	10°37	22♑55	22°28	0♏ 4	8°18	S 2
S 3	12 46 55	13°38'18	19°40	6°30	18°20	17°18	5°34	26° 4	18°50	14°26	10°38	22°41	22°25	0°11	8°20	S 3
M 4	12 50 52	14°37'29	1♏33	8°27	18°33	16°55	5°47	26°10	18°48	14°26	10°39	22°27	22°22	0°18	8°22	M 4
T 5	12 54 48	15°36'38	13°25	10°24	18°45	16°32	6° 0	26°16	18°45	14°25	10°40	22°14	22°19	0°24	8°24	T 5
W 6	12 58 45	16°35'45	25°18	12°24	18°54	16° 9	6°12	26°21	18°42	14°24	10°40	22° 3	22°15	0°31	8°26	W 6
T 7	13 2 41	17°34'51	7♐12	14°24	19° 1	15°46	6°25	26°26	18°40	14°24	10°41	21°55	22°12	0°38	8°28	T 7
F 8	13 6 38	18°33'54	19°13	16°26	19° 6	15°23	6°37	26°32	18°37	14°23	10°42	21°50	22° 9	0°44	8°30	F 8
S 9	13 10 34	19°32'56	1♑24	18°28	19° 9	15° 0	6°50	26°37	18°35	14°22	10°43	21°47	22° 6	0°51	8°32	S 9
S 10	13 14 31	20°31'56	13°49	20°32	19°R 9	14°37	7° 2	26°42	18°32	14°22	10°44	21°46	22° 3	0°58	8°35	S 10
M11	13 18 28	21°30'54	26°34	22°37	19° 7	14°14	7°14	26°47	18°29	14°21	10°45	21°46	22° 0	1° 5	8°37	M11
T 12	13 22 24	22°29'51	9♒42	24°42	19° 2	13°51	7°27	26°53	18°27	14°20	10°46	21°46	21°56	1°11	8°40	T 12
W13	13 26 21	23°28'45	23°18	26°47	18°55	13°28	7°39	26°58	18°24	14°19	10°47	21°44	21°53	1°18	8°43	W13
T 14	13 30 17	24°27'38	7♓24	28°53	18°45	13° 6	7°51	27° 3	18°22	14°18	10°48	21°39	21°50	1°25	8°45	T 14
F 15	13 34 14	25°26'29	21°58	0♉59	18°33	12°44	8° 3	27° 7	18°19	14°17	10°49	21°32	21°47	1°32	8°48	F 15
S 16	13 38 10	26°25'19	6♈57	3° 5	18°19	12°22	8°15	27°12	18°17	14°16	10°50	21°22	21°44	1°38	8°51	S 16
S 17	13 42 7	27°24'06	22°12	5°10	18° 2	12° 1	8°26	27°17	18°14	14°15	10°51	21°11	21°41	1°45	8°54	S 17
M18	13 46 3	28°22'51	7♉32	7°15	17°42	11°40	8°38	27°22	18°11	14°14	10°52	21° 0	21°37	1°52	8°57	M18
T 19	13 50 0	29°21'35	22°46	9°18	17°21	11°19	8°50	27°26	18° 9	14°13	10°53	20°50	21°34	1°58	9° 0	T 19
W20	13 53 57	0♉20'17	7♊43	11°20	16°57	10°59	9° 1	27°31	18° 6	14°12	10°54	20°43	21°31	2° 5	9° 4	W20
T 21	13 57 53	1°18'56	22°16	13°20	16°31	10°40	9°13	27°35	18° 4	14°11	10°55	20°38	21°28	2°12	9° 7	T 21
F 22	14 1 50	2°17'33	6♋21	15°18	16° 3	10°21	9°24	27°40	18° 1	14°10	10°56	20°35	21°25	2°19	9°10	F 22
S 23	14 5 46	3°16'08	19°58	17°13	15°33	10° 2	9°35	27°44	17°59	14° 9	10°57	20°D35	21°21	2°25	9°14	S 23
S 24	14 9 43	4°14'41	3♌ 8	19° 6	15° 2	9°44	9°47	27°48	17°57	14° 8	10°58	20°R35	21°18	2°32	9°17	S 24
M25	14 13 39	5°13'12	15°56	20°56	14°29	9°27	9°58	27°52	17°54	14° 7	11° 0	20°35	21°15	2°39	9°21	M25
T 26	14 17 36	6°11'40	28°26	22°42	13°54	9°11	10° 9	27°56	17°52	14° 6	11° 1	20°33	21°12	2°45	9°24	T 26
W27	14 21 32	7°10'06	10♍42	24°25	13°18	8°55	10°20	28° 0	17°49	14° 4	11° 2	20°28	21° 9	2°52	9°28	W27
T 28	14 25 29	8° 8'30	22°47	26° 4	12°42	8°40	10°30	28° 4	17°47	14° 3	11° 3	20°21	21° 6	2°59	9°32	T 28
F 29	14 29 26	9° 6'52	4♎46	27°39	12° 5	8°25	10°41	28° 8	17°44	14° 2	11° 4	20°11	21° 2	3° 6	9°36	F 29
S 30	14 33 22	10♉ 5'12	16♎41	29♉11	11♉27	8♎12	10♓52	28♒12	17♎42	14♐ 1	11♊ 5	20♑ 0	20♑59	3♏12	9♋39	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n37	2s22	4s27	0s42	1s55	23n 0	6n 8	4s28	2n49	10s23	0s49	13s52	1s 3	6s47	0n41	20s58	1n33	10n55	11s13	21s26	21s33	16s13	16n33	6s37
S 2	5 0	7 29	4 49	0n 8	1 50	23 10	6 13	4 21	2 47	10 18	0 49	13 50	1 3	6 46	0 41	20 58	1 33	10 55	11 13	21 29	21 33	16 15	16 34	6 37
S 3	5 23	12 18	4 59	0 59	1 44	23 19	6 18	4 14	2 46	10 14	0 49	13 49	1 3	6 45	0 41	20 58	1 33	10 55	11 12	21 31	21 34	16 18	16 34	6 36
M 4	5 46	16 38	4 56	1 50	1 38	23 27	6 22	4 7	2 44	10 9	0 49	13 47	1 4	6 44	0 41	20 58	1 33	10 56	11 12	21 33	21 34	16 20	16 34	6 36
T 5	6 8	20 18	4 40	2 43	1 32	23 34	6 26	3 59	2 43	10 4	0 49	13 45	1 4	6 43	0 41	20 58	1 33	10 56	11 12	21 35	21 35	16 22	16 35	6 35
W 6	6 31	23 8	4 11	3 35	1 25	23 41	6 30	3 52	2 41	10 0	0 50	13 43	1 4	6 42	0 41	20 58	1 33	10 56	11 12	21 37	21 35	16 25	16 35	6 35
T 7	6 54	24 59	3 32	4 29	1 17	23 46	6 34	3 45	2 39	9 55	0 50	13 42	1 4	6 41	0 41	20 58	1 33	10 57	11 12	21 38	21 36	16 27	16 36	6 34
F 8	7 16	25 41	2 43	5 23	1 9	23 50	6 37	3 38	2 38	9 51	0 50	13 40	1 4	6 40	0 41	20 58	1 34	10 57	11 11	21 39	21 36	16 29	16 36	6 34
S 9	7 39	25 10	1 45	6 18	1 1	23 54	6 40	3 31	2 36	9 46	0 50	13 38	1 4	6 39	0 41	20 58	1 34	10 57	11 11	21 40	21 37	16 31	16 36	6 33
S 10	8 1	23 24	0 42	7 13	0 52	23 56	6 42	3 23	2 34	9 42	0 50	13 37	1 4	6 38	0 41	20 57	1 34	10 58	11 11	21 40	21 37	16 34	16 37	6 33
M11	8 23	20 25	0n25	8 8	0 43	23 57	6 44	3 16	2 32	9 38	0 50	13 35	1 5	6 37	0 41	20 57	1 34	10 58	11 11	21 40	21 38	16 36	16 37	6 32
T 12	8 45	16 19	1 33	9 3	0 33	23 57	6 45	3 9	2 30	9 33	0 51	13 34	1 5	6 36	0 41	20 57	1 34	10 58	11 10	21 40	21 38	16 38	16 37	6 32
W13	9 7	11 15	2 38	9 58	0 23	23 56	6 46	3 3	2 28	9 29	0 51	13 32	1 5	6 35	0 41	20 57	1 34	10 59	11 10	21 40	21 39	16 40	16 38	6 31
T 14	9 28	5 27	3 36	10 53	0 13	23 54	6 47	2 56	2 26	9 25	0 51	13 30	1 5	6 34	0 41	20 57	1 34	10 59	11 10	21 41	21 39	16 43	16 38	6 31
F 15	9 50	0n49	4 22	11 47	0 2	23 50	6 46	2 50	2 23	9 20	0 51	13 29	1 5	6 33	0 41	20 57	1 34	10 59	11 10	21 42	21 40	16 45	16 38	6 30
S 16	10 11	7 12	4 51	12 40	0n 9	23 45	6 45	2 43	2 21	9 16	0 51	13 27	1 5	6 32	0 41	20 57	1 34	11 0	11 10	21 44	21 40	16 47	16 39	6 30
S 17	10 32	13 16	5 0	13 33	0 20	23 39	6 44	2 37	2 19	9 12	0 51	13 26	1 5	6 31	0 41	20 56	1 34	11 0	11 9	21 45	21 41	16 49	16 39	6 29
M18	10 53	18 33	4 48	14 24	0 31	23 31	6 42	2 31	2 16	9 7	0 52	13 24	1 6	6 30	0 41	20 56	1 34	11 0	11 9	21 47	21 41	16 51	16 39	6 29
T 19	11 14	22 34	4 15	15 15	0 42	23 22	6 39	2 25	2 14	9 3	0 52	13 23	1 6	6 29	0 41	20 56	1 34	11 1	11 9	21 48	21 42	16 54	16 39	6 28
W20	11 35	24 58	3 26	16 3	0 53	23 12	6 36	2 20	2 11	8 59	0 52	13 22	1 6	6 28	0 41	20 56	1 34	11 1	11 9	21 50	21 42	16 56	16 40	6 28
T 21	11 55	25 35	2 24	16 50	1 4	23 0	6 32	2 14	2 9	8 55	0 52	13 20	1 6	6 27	0 41	20 56	1 34	11 1	11 9	21 50	21 43	16 58	16 40	6 27
F 22	12 16	24 31	1 15	17 36	1 14	22 47	6 27	2 9	2 6	8 51	0 52	13 19	1 6	6 26	0 41	20 56	1 34	11 2	11 8	21 51	21 43	17 0	16 40	6 27
S 23	12 36	22 0	0 3	18 19	1 24	22 33	6 21	2 4	2 4	8 47	0 53	13 17	1 6	6 25	0 41	20 55	1 34	11 2	11 8	21 51	21 44	17 2	16 40	6 27
S 24	12 56	18 22	1s 6	19 0	1 34	22 18	6 15	2 0	2 1	8 43	0 53	13 16	1 7	6 24	0 41	20 55	1 34	11 2	11 8	21 51	21 44	17 5	16 41	6 26
M25	13 15	13 59	2 10	19 38	1 43	22 1	6 7	1 55	1 59	8 39	0 53	13 15	1 7	6 24	0 41	20 55	1 34	11 3	11 8	21 51	21 45	17 7	16 41	6 26
T 26	13 35	9 6	3 6	20 14	1 52	21 43	6 0	1 51	1 56	8 35	0 53	13 14	1 7	6 23	0 41	20 55	1 34	11 3	11 8	21 51	21 45	17 9	16 41	6 25
W27	13 54	3 58	3 52	20 48	2 0	21 24	5 51	1 47	1 54	8 31	0 53	13 12	1 7	6 22	0 41	20 55	1 34	11 3	11 8	21 52	21 46	17 11	16 41	6 25
T 28	14 13	1s14	4 28	21 19	2 7	21 3	5 42	1 44	1 51	8 27	0 54	13 11	1 7	6 21	0 41	20 55	1 34	11 4	11 7	21 53	21 46	17 13	16 41	6 24
F 29	14 31	6 20	4 51	21 48	2 14	20 42	5 32	1 41	1 48	8 23	0 54	13 10	1 7	6 20	0 40	20 54	1 34	11 4	11 7	21 54	21 47	17 16	16 42	6 24
S 30	14n50	11s11	5s 1	22n14	2n20	20n20	5n21	1s38	1n46	8s19	0s54	13s 9	1s 8	6s19	0n40	20s54	1n34	11n 4	11s 7	21s56	21s47	17s18	16n42	6s23

Julian Day Number = 2502769.5, Delta T = 115.22 sec
Ecliptic obliquity = 23°25'20, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°42'00, Lahiri = 25°49'00

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ASTRODIENST EPHEMERIS for the year 2140
geocentric

MAY 2140 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 37 19	11♉ 3'31	28♎33	0♊38	10°R49	7°R59	11♓ 2	28♒16	17°R40	13°R59	11♊ 7	19°R47	20♑56	3♏19	9♋43	S 1
M 2	14 41 15	12° 1'47	10♏26	2° 0	10♉11	7♎47	11°12	28°19	17♎38	13♐58	11° 8	19♑34	20°53	3°26	9°47	M 2
T 3	14 45 12	13° 0'02	22°19	3°19	9°34	7°35	11°23	28°23	17°35	13°57	11° 9	19°23	20°50	3°32	9°52	T 3
W 4	14 49 8	13°58'14	4♐15	4°33	8°57	7°25	11°33	28°26	17°33	13°56	11°10	19°13	20°46	3°39	9°56	W 4
T 5	14 53 5	14°56'26	16°16	5°42	8°21	7°15	11°43	28°29	17°31	13°54	11°11	19° 6	20°43	3°46	10° 0	T 5
F 6	14 57 1	15°54'36	28°23	6°47	7°45	7° 6	11°53	28°33	17°29	13°53	11°13	19° 1	20°40	3°53	10° 4	F 6
S 7	15 0 58	16°52'44	10♑39	7°47	7°11	6°57	12° 3	28°36	17°26	13°51	11°14	18°59	20°37	3°59	10° 9	S 7
S 8	15 4 55	17°50'50	23° 8	8°42	6°39	6°50	12°12	28°39	17°24	13°50	11°15	18°D59	20°34	4° 6	10°13	S 8
M 9	15 8 51	18°48'56	5♒54	9°33	6° 8	6°43	12°22	28°42	17°22	13°49	11°17	19° 0	20°31	4°13	10°17	M 9
T 10	15 12 48	19°47'00	19° 0	10°18	5°39	6°37	12°31	28°45	17°20	13°47	11°18	19°R 0	20°27	4°20	10°22	T 10
W11	15 16 44	20°45'02	2♓29	10°59	5°12	6°32	12°41	28°48	17°18	13°46	11°19	18°59	20°24	4°26	10°26	W11
T 12	15 20 41	21°43'03	16°26	11°35	4°47	6°28	12°50	28°50	17°16	13°44	11°20	18°57	20°21	4°33	10°31	T 12
F 13	15 24 37	22°41'03	0♈48	12° 5	4°24	6°24	12°59	28°53	17°14	13°43	11°22	18°52	20°18	4°40	10°36	F 13
S 14	15 28 34	23°39'02	15°35	12°31	4° 4	6°22	13° 8	28°55	17°12	13°41	11°23	18°46	20°15	4°46	10°41	S 14
S 15	15 32 30	24°36'59	0♉39	12°51	3°45	6°20	13°17	28°58	17°10	13°40	11°24	18°38	20°12	4°53	10°45	S 15
M16	15 36 27	25°34'55	15°52	13° 7	3°29	6°19	13°26	29° 0	17° 9	13°38	11°26	18°30	20° 8	5° 0	10°50	M16
T 17	15 40 23	26°32'49	1♊ 3	13°17	3°16	6°D18	13°34	29° 3	17° 7	13°37	11°27	18°23	20° 5	5° 7	10°55	T 17
W18	15 44 20	27°30'42	16° 2	13°23	3° 5	6°19	13°43	29° 5	17° 5	13°35	11°28	18°17	20° 2	5°13	11° 0	W18
T 19	15 48 17	28°28'34	0♋41	13°R23	2°56	6°20	13°51	29° 7	17° 3	13°34	11°30	18°14	19°59	5°20	11° 5	T 19
F 20	15 52 13	29°26'24	14°54	13°19	2°50	6°22	13°59	29° 9	17° 2	13°32	11°31	18°D12	19°56	5°27	11°10	F 20
S 21	15 56 10	0♊24'12	28°38	13°10	2°46	6°24	14° 7	29°11	17° 0	13°31	11°32	18°13	19°52	5°33	11°15	S 21
S 22	16 0 6	1°21'58	11♌56	12°57	2°D44	6°28	14°15	29°12	16°58	13°29	11°34	18°14	19°49	5°40	11°20	S 22
M23	16 4 3	2°19'43	24°48	12°40	2°45	6°32	14°23	29°14	16°57	13°27	11°35	18°15	19°46	5°47	11°25	M23
T 24	16 7 59	3°17'26	7♍20	12°19	2°48	6°37	14°30	29°16	16°55	13°26	11°36	18°R15	19°43	5°54	11°31	T 24
W25	16 11 56	4°15'08	19°36	11°55	2°53	6°42	14°38	29°17	16°54	13°24	11°38	18°14	19°40	6° 0	11°36	W25
T 26	16 15 53	5°12'48	1♎40	11°28	3° 1	6°49	14°45	29°19	16°52	13°23	11°39	18°11	19°37	6° 7	11°41	T 26
F 27	16 19 49	6°10'26	13°36	10°58	3°11	6°55	14°52	29°20	16°51	13°21	11°40	18° 6	19°33	6°14	11°47	F 27
S 28	16 23 46	7° 8'03	25°29	10°27	3°22	7° 3	14°59	29°21	16°49	13°19	11°42	17°59	19°30	6°20	11°52	S 28
S 29	16 27 42	8° 5'39	7♏20	9°54	3°36	7°11	15° 6	29°22	16°48	13°18	11°43	17°52	19°27	6°27	11°57	S 29
M30	16 31 39	9° 3'14	19°14	9°20	3°52	7°20	15°13	29°23	16°47	13°16	11°45	17°45	19°24	6°34	12° 3	M30
T 31	16 35 35	10♊ 0'47	1♐12	8♊46	4♉10	7♎30	15♓20	29♒24	16♎46	13♐15	11♊46	17♑38	19♑21	6♏41	12♋ 8	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 8	15s35	4s58	22n38	2n25	19n57	5n10	1s35	1n43	8s15	0s54	13s 8	1s 8	6s18	0n40	20s54	1n34	11n 5	11s 7	21s58	21s48	17s20	16n42	6s23
M 2	15 26	19 24	4 42	22 59	2 29	19 34	4 58	1 33	1 40	8 12	0 54	13 7	1 8	6 17	0 40	20 54	1 34	11 5	11 7	22 0	21 48	17 22	16 42	6 23
T 3	15 44	22 25	4 14	23 18	2 33	19 10	4 45	1 31	1 38	8 8	0 55	13 6	1 8	6 17	0 40	20 54	1 34	11 5	11 7	22 1	21 49	17 24	16 42	6 22
W 4	16 1	24 29	3 34	23 34	2 35	18 46	4 32	1 29	1 35	8 4	0 55	13 5	1 8	6 16	0 40	20 54	1 34	11 6	11 6	22 3	21 49	17 26	16 42	6 22
T 5	16 18	25 27	2 45	23 49	2 37	18 22	4 19	1 27	1 32	8 1	0 55	13 4	1 9	6 15	0 40	20 53	1 34	11 6	11 6	22 4	21 50	17 28	16 42	6 21
F 6	16 35	25 12	1 48	24 0	2 37	17 57	4 6	1 26	1 30	7 57	0 55	13 3	1 9	6 14	0 40	20 53	1 34	11 6	11 6	22 4	21 50	17 31	16 42	6 21
S 7	16 52	23 44	0 44	24 10	2 36	17 33	3 52	1 25	1 27	7 54	0 55	13 2	1 9	6 13	0 40	20 53	1 34	11 6	11 6	22 5	21 51	17 33	16 42	6 21
S 8	17 8	21 5	0n22	24 17	2 35	17 9	3 38	1 25	1 25	7 50	0 56	13 1	1 9	6 13	0 40	20 53	1 34	11 7	11 6	22 5	21 51	17 35	16 43	6 20
M 9	17 24	17 21	1 29	24 22	2 32	16 45	3 23	1 25	1 22	7 47	0 56	13 0	1 9	6 12	0 40	20 53	1 34	11 7	11 6	22 5	21 51	17 37	16 43	6 20
T 10	17 40	12 41	2 33	24 26	2 29	16 22	3 9	1 25	1 19	7 43	0 56	12 59	1 9	6 11	0 40	20 52	1 34	11 7	11 6	22 5	21 52	17 39	16 43	6 20
W11	17 56	7 18	3 31	24 27	2 24	15 59	2 54	1 25	1 17	7 40	0 56	12 58	1 10	6 10	0 40	20 52	1 34	11 8	11 6	22 5	21 52	17 41	16 43	6 19
T 12	18 11	1 23	4 18	24 26	2 18	15 37	2 40	1 26	1 14	7 37	0 57	12 58	1 10	6 9	0 40	20 52	1 35	11 8	11 5	22 5	21 53	17 43	16 43	6 19
F 13	18 26	4n46	4 51	24 23	2 11	15 16	2 25	1 27	1 12	7 33	0 57	12 57	1 10	6 9	0 40	20 52	1 35	11 8	11 5	22 6	21 53	17 45	16 43	6 18
S 14	18 40	10 49	5 5	24 19	2 3	14 55	2 11	1 28	1 9	7 30	0 57	12 56	1 10	6 8	0 40	20 52	1 35	11 8	11 5	22 7	21 54	17 47	16 43	6 18
S 15	18 55	16 21	4 59	24 12	1 54	14 36	1 57	1 29	1 7	7 27	0 57	12 55	1 10	6 7	0 40	20 52	1 35	11 9	11 5	22 8	21 54	17 49	16 43	6 18
M16	19 9	20 54	4 32	24 4	1 44	14 17	1 43	1 31	1 4	7 24	0 57	12 55	1 11	6 7	0 40	20 51	1 35	11 9	11 5	22 9	21 55	17 52	16 43	6 17
T 17	19 22	24 2	3 45	23 55	1 33	13 59	1 29	1 33	1 2	7 21	0 58	12 54	1 11	6 6	0 40	20 51	1 35	11 9	11 5	22 10	21 55	17 54	16 42	6 17
W18	19 35	25 25	2 44	23 43	1 20	13 43	1 16	1 35	1 0	7 18	0 58	12 54	1 11	6 5	0 40	20 51	1 35	11 10	11 5	22 10	21 56	17 56	16 42	6 17
T 19	19 48	24 58	1 33	23 30	1 7	13 27	1 2	1 38	0 57	7 15	0 58	12 53	1 11	6 5	0 40	20 51	1 35	11 10	11 5	22 11	21 56	17 58	16 42	6 17
F 20	20 1	22 53	0 18	23 16	0 53	13 13	0 49	1 41	0 55	7 12	0 58	12 53	1 11	6 4	0 40	20 51	1 35	11 10	11 5	22 11	21 57	18 0	16 42	6 16
S 21	20 13	19 30	0s56	23 0	0 38	13 0	0 37	1 44	0 53	7 9	0 59	12 52	1 11	6 4	0 40	20 50	1 35	11 10	11 5	22 11	21 57	18 2	16 42	6 16
S 22	20 25	15 12	2 4	22 43	0 23	12 48	0 24	1 48	0 50	7 6	0 59	12 52	1 12	6 3	0 40	20 50	1 35	11 11	11 4	22 11	21 58	18 4	16 42	6 16
M23	20 37	10 21	3 4	22 24	0 6	12 37	0 12	1 51	0 48	7 3	0 59	12 51	1 12	6 2	0 40	20 50	1 35	11 11	11 4	22 11	21 58	18 6	16 42	6 15
T 24	20 48	5 11	3 54	22 5	0s10	12 27	0 1	1 55	0 46	7 1	0 59	12 51	1 12	6 2	0 40	20 50	1 35	11 11	11 4	22 11	21 58	18 8	16 42	6 15
W25	20 59	0s 3	4 31	21 45	0 28	12 18	0s10	2 0	0 43	6 58	1 0	12 50	1 12	6 1	0 40	20 50	1 35	11 11	11 4	22 11	21 59	18 10	16 42	6 15
T 26	21 9	5 12	4 56	21 24	0 45	12 10	0 21	2 4	0 41	6 55	1 0	12 50	1 12	6 1	0 40	20 49	1 35	11 12	11 4	22 11	21 59	18 12	16 41	6 15
F 27	21 19	10 5	5 8	21 2	1 3	12 4	0 32	2 9	0 39	6 53	1 0	12 50	1 13	6 0	0 40	20 49	1 35	11 12	11 4	22 12	22 0	18 14	16 41	6 14
S 28	21 29	14 36	5 6	20 40	1 20	11 58	0 42	2 14	0 37	6 50	1 0	12 50	1 13	6 0	0 40	20 49	1 35	11 12	11 4	22 13	22 0	18 16	16 41	6 14
S 29	21 38	18 32	4 51	20 18	1 38	11 54	0 52	2 19	0 35	6 48	1 1	12 49	1 13	5 59	0 40	20 49	1 35	11 12	11 4	22 14	22 1	18 18	16 41	6 14
M30	21 47	21 45	4 24	19 57	1 55	11 50	1 1	2 24	0 33	6 45	1 1	12 49	1 13	5 59	0 40	20 49	1 35	11 12	11 4	22 15	22 1	18 20	16 41	6 14
T 31	21n56	24s 3	3s45	19n35	2s11	11n48	1s10	2s30	0n31	6s43	1s 1	12s49	1s13	5s58	0n40	20s48	1n35	11n13	11s 4	22s16	22s 2	18s22	16n40	6s13

Julian Day Number = 2502799.5, Delta T = 115.27 sec
Ecliptic obliquity = 23°25'19, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°42'04, Lahiri = 25°49'04

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ASTRODIENST EPHEMERIS for the year 2140
geocentric

JUNE 2140 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 39 32	10♊58'19	13♐15	8°R13	4♉29	7♎40	15♓26	29♒25	16°R44	13°R13	11♊47	17°R33	19♑18	6♏47	12♋14	W 1
T 2	16 43 28	11°55'50	25°25	7♊40	4°51	7°51	15°32	29°26	16♎43	13♐11	11°49	17♑29	19°14	6°54	12°20	T 2
F 3	16 47 25	12°53'20	7♑44	7° 9	5°14	8° 2	15°38	29°26	16°42	13°10	11°50	17°27	19°11	7° 1	12°25	F 3
S 4	16 51 22	13°50'49	20°13	6°40	5°39	8°14	15°44	29°27	16°41	13° 8	11°51	17°D27	19° 8	7° 7	12°31	S 4
S 5	16 55 18	14°48'17	2♒54	6°14	6° 5	8°27	15°50	29°27	16°40	13° 6	11°53	17°28	19° 5	7°14	12°37	S 5
M 6	16 59 15	15°45'45	15°50	5°50	6°33	8°40	15°56	29°28	16°39	13° 5	11°54	17°29	19° 2	7°21	12°42	M 6
T 7	17 3 11	16°43'11	29° 2	5°30	7° 3	8°53	16° 1	29°28	16°38	13° 3	11°56	17°31	18°58	7°28	12°48	T 7
W 8	17 7 8	17°40'37	12♓34	5°13	7°34	9° 8	16° 7	29°28	16°38	13° 2	11°57	17°R31	18°55	7°34	12°54	W 8
T 9	17 11 4	18°38'03	26°25	5° 0	8° 6	9°22	16°12	29°R28	16°37	13° 0	11°58	17°31	18°52	7°41	13° 0	T 9
F 10	17 15 1	19°35'27	10♈36	4°52	8°40	9°38	16°17	29°28	16°36	12°58	12° 0	17°30	18°49	7°48	13° 6	F 10
S 11	17 18 57	20°32'52	25° 6	4°D47	9°15	9°54	16°21	29°28	16°35	12°57	12° 1	17°28	18°46	7°54	13°11	S 11
S 12	17 22 54	21°30'16	9♉50	4°48	9°51	10°10	16°26	29°28	16°35	12°55	12° 2	17°24	18°43	8° 1	13°17	S 12
M13	17 26 51	22°27'39	24°42	4°52	10°29	10°27	16°31	29°27	16°34	12°54	12° 4	17°21	18°39	8° 8	13°23	M13
T 14	17 30 47	23°25'02	9♊35	5° 1	11° 7	10°44	16°35	29°27	16°34	12°52	12° 5	17°18	18°36	8°15	13°29	T 14
W15	17 34 44	24°22'24	24°20	5°15	11°47	11° 2	16°39	29°26	16°33	12°50	12° 6	17°16	18°33	8°21	13°35	W15
T 16	17 38 40	25°19'45	8♋51	5°33	12°28	11°20	16°43	29°26	16°33	12°49	12° 8	17°14	18°30	8°28	13°41	T 16
F 17	17 42 37	26°17'06	23° 1	5°56	13° 9	11°39	16°47	29°25	16°32	12°47	12° 9	17°D14	18°27	8°35	13°47	F 17
S 18	17 46 33	27°14'26	6♌47	6°23	13°52	11°58	16°50	29°24	16°32	12°46	12°10	17°15	18°24	8°42	13°53	S 18
S 19	17 50 30	28°11'45	20° 8	6°55	14°35	12°18	16°54	29°23	16°32	12°44	12°12	17°16	18°20	8°48	13°59	S 19
M20	17 54 26	29° 9'03	3♍ 5	7°31	15°20	12°38	16°57	29°22	16°31	12°43	12°13	17°18	18°17	8°55	14° 5	M20
T 21	17 58 23	0♎ 6'20	15°41	8°11	16° 5	12°59	17° 0	29°21	16°31	12°41	12°14	17°19	18°14	9° 2	14°11	T 21
W22	18 2 20	1° 3'36	27°59	8°55	16°52	13°20	17° 3	29°20	16°31	12°40	12°16	17°R19	18°11	9° 8	14°18	W22
T 23	18 6 16	2° 0'52	10♎ 5	9°43	17°38	13°41	17° 5	29°18	16°31	12°38	12°17	17°19	18° 8	9°15	14°24	T 23
F 24	18 10 13	2°58'07	22° 2	10°36	18°26	14° 3	17° 8	29°17	16°D31	12°37	12°18	17°18	18° 4	9°22	14°30	F 24
S 25	18 14 9	3°55'22	3♏55	11°33	19°15	14°25	17°10	29°15	16°31	12°35	12°20	17°17	18° 1	9°29	14°36	S 25
S 26	18 18 6	4°52'36	15°47	12°33	20° 4	14°48	17°12	29°14	16°31	12°34	12°21	17°15	17°58	9°35	14°42	S 26
M27	18 22 2	5°49'49	27°43	13°37	20°54	15°11	17°14	29°12	16°31	12°32	12°22	17°14	17°55	9°42	14°48	M27
T 28	18 25 59	6°47'02	9♐46	14°46	21°44	15°34	17°16	29°10	16°31	12°31	12°23	17°12	17°52	9°49	14°55	T 28
W29	18 29 55	7°44'15	21°58	15°57	22°36	15°58	17°17	29° 8	16°32	12°29	12°25	17°11	17°49	9°55	15° 1	W29
T 30	18 33 52	8♋41'27	4♑20	17♊13	23♉27	16♎22	17♓18	29♒ 7	16♎32	12♐28	12♊26	17♑10	17♑45	10♏ 2	15♋ 7	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 4	25s16	2s55	19n15	2s27	11n46	1s19	2s36	0n29	6s41	1s 1	12s49	1s14	5s58	0n40	20s48	1n35	11n13	11s 4	22s16	22s 2	18s24	16n40	6s13
T 2	22 12	25 18	1 57	18 55	2 42	11 45	1 27	2 42	0 27	6 39	1 2	12 49	1 14	5 58	0 39	20 48	1 35	11 13	11 4	22 17	22 3	18 26	16 40	6 13
F 3	22 20	24 4	0 53	18 36	2 56	11 46	1 35	2 48	0 25	6 37	1 2	12 49	1 14	5 57	0 39	20 48	1 35	11 13	11 4	22 17	22 3	18 28	16 39	6 13
S 4	22 27	21 39	0n15	18 18	3 9	11 47	1 43	2 55	0 23	6 35	1 2	12 49	1 14	5 57	0 39	20 48	1 35	11 13	11 4	22 17	22 3	18 30	16 39	6 12
S 5	22 33	18 8	1 23	18 2	3 21	11 48	1 50	3 2	0 21	6 33	1 3	12 49	1 14	5 56	0 39	20 47	1 35	11 14	11 4	22 17	22 4	18 32	16 39	6 12
M 6	22 40	13 42	2 29	17 47	3 32	11 51	1 57	3 8	0 19	6 31	1 3	12 49	1 15	5 56	0 39	20 47	1 35	11 14	11 4	22 17	22 4	18 34	16 39	6 12
T 7	22 46	8 33	3 28	17 34	3 41	11 54	2 4	3 16	0 17	6 29	1 3	12 49	1 15	5 56	0 39	20 47	1 35	11 14	11 4	22 17	22 5	18 36	16 38	6 12
W 8	22 51	2 53	4 17	17 23	3 49	11 58	2 10	3 23	0 15	6 27	1 3	12 49	1 15	5 56	0 39	20 47	1 35	11 14	11 4	22 16	22 5	18 38	16 38	6 12
T 9	22 56	3n 3	4 52	17 14	3 56	12 3	2 16	3 30	0 13	6 25	1 4	12 49	1 15	5 55	0 39	20 47	1 35	11 14	11 4	22 16	22 6	18 40	16 37	6 11
F 10	23 1	8 58	5 11	17 7	4 2	12 9	2 22	3 38	0 12	6 23	1 4	12 50	1 15	5 55	0 39	20 46	1 35	11 15	11 4	22 17	22 6	18 42	16 37	6 11
S 11	23 5	14 31	5 11	17 2	4 7	12 14	2 27	3 46	0 10	6 22	1 4	12 50	1 16	5 55	0 39	20 46	1 35	11 15	11 4	22 17	22 7	18 44	16 37	6 11
S 12	23 9	19 20	4 50	16 59	4 10	12 21	2 32	3 54	0 8	6 20	1 4	12 50	1 16	5 55	0 39	20 46	1 35	11 15	11 4	22 17	22 7	18 46	16 36	6 11
M13	23 12	22 58	4 9	16 58	4 12	12 28	2 37	4 2	0 6	6 19	1 5	12 50	1 16	5 54	0 39	20 46	1 35	11 15	11 4	22 18	22 7	18 48	16 36	6 11
T 14	23 15	25 2	3 12	16 59	4 13	12 36	2 42	4 10	0 5	6 17	1 5	12 51	1 16	5 54	0 39	20 46	1 35	11 15	11 4	22 18	22 8	18 50	16 35	6 11
W15	23 18	25 21	2 3	17 1	4 12	12 44	2 46	4 19	0 3	6 16	1 5	12 51	1 16	5 54	0 39	20 46	1 35	11 15	11 4	22 19	22 8	18 52	16 35	6 11
T 16	23 20	23 54	0 46	17 6	4 11	12 52	2 50	4 28	0 1	6 15	1 6	12 52	1 17	5 54	0 39	20 45	1 34	11 16	11 4	22 19	22 9	18 53	16 35	6 10
F 17	23 22	20 56	0s32	17 12	4 9	13 1	2 54	4 36	0s 0	6 14	1 6	12 52	1 17	5 54	0 39	20 45	1 34	11 16	11 4	22 19	22 9	18 55	16 34	6 10
S 18	23 24	16 52	1 46	17 20	4 5	13 10	2 57	4 45	0 2	6 13	1 6	12 53	1 17	5 54	0 39	20 45	1 34	11 16	11 4	22 19	22 10	18 57	16 34	6 10
S 19	23 25	12 3	2 51	17 29	4 1	13 20	3 0	4 54	0 3	6 12	1 6	12 53	1 17	5 54	0 39	20 45	1 34	11 16	11 4	22 18	22 10	18 59	16 33	6 10
M20	23 25	6 51	3 47	17 40	3 56	13 30	3 3	5 4	0 5	6 11	1 7	12 54	1 17	5 54	0 39	20 45	1 34	11 16	11 4	22 18	22 10	19 1	16 33	6 10
T 21	23 25	1 30	4 29	17 52	3 50	13 40	3 6	5 13	0 6	6 10	1 7	12 54	1 18	5 54	0 39	20 44	1 34	11 16	11 4	22 18	22 11	19 3	16 32	6 10
W22	23 25	3s46	4 58	18 5	3 43	13 51	3 9	5 23	0 8	6 9	1 7	12 55	1 18	5 54	0 39	20 44	1 34	11 16	11 4	22 18	22 11	19 5	16 31	6 10
T 23	23 24	8 47	5 13	18 20	3 36	14 1	3 11	5 32	0 9	6 8	1 8	12 55	1 18	5 54	0 39	20 44	1 34	11 16	11 4	22 18	22 12	19 7	16 31	6 10
F 24	23 23	13 26	5 15	18 35	3 28	14 12	3 13	5 42	0 11	6 7	1 8	12 56	1 18	5 54	0 39	20 44	1 34	11 17	11 4	22 18	22 12	19 9	16 30	6 10
S 25	23 22	17 33	5 3	18 52	3 19	14 24	3 15	5 52	0 12	6 7	1 8	12 57	1 18	5 54	0 39	20 44	1 34	11 17	11 4	22 18	22 13	19 11	16 30	6 10
S 26	23 20	20 59	4 38	19 9	3 10	14 35	3 17	6 2	0 14	6 6	1 8	12 58	1 18	5 54	0 39	20 44	1 34	11 17	11 4	22 19	22 13	19 12	16 29	6 10
M27	23 18	23 32	4 1	19 26	3 0	14 47	3 18	6 12	0 15	6 6	1 9	12 58	1 19	5 54	0 39	20 43	1 34	11 17	11 4	22 19	22 13	19 14	16 29	6 10
T 28	23 15	25 4	3 12	19 44	2 50	14 58	3 20	6 23	0 16	6 5	1 9	12 59	1 19	5 54	0 38	20 43	1 34	11 17	11 4	22 19	22 14	19 16	16 28	6 10
W29	23 12	25 26	2 15	20 3	2 39	15 10	3 21	6 33	0 18	6 5	1 9	13 0	1 19	5 54	0 38	20 43	1 34	11 17	11 4	22 19	22 14	19 18	16 27	6 10
T 30	23n 8	24s31	1s10	20n21	2s28	15n22	3s22	6s43	0s19	6s 5	1s10	13s 1	1s19	5s54	0n38	20s43	1n34	11n17	11s 4	22s19	22s15	19s20	16n27	6s10

Julian Day Number = 2502830.5, Delta T = 115.32 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°42'08, Lahiri = 25°49'09

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ASTRODIENST EPHEMERIS for the year 2140
geocentric

JULY 2140 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 37 49	9♋38'39	16♉55	18♊32	24♉20	16♎46	17♓20	29°R 4	16♎32	12°R26	12♊27	17°D10	17♉42	10♏ 9	15♋13	F 1
S 2	18 41 45	10°35'51	29°43	19°55	25°13	17°11	17°20	29♒ 2	16°33	12♐25	12°28	17♉10	17°39	10°16	15°20	S 2
S 3	18 45 42	11°33'02	12♒44	21°22	26° 6	17°36	17°21	29° 0	16°33	12°24	12°30	17°11	17°36	10°22	15°26	S 3
M 4	18 49 38	12°30'14	26° 0	22°52	27° 1	18° 2	17°22	28°58	16°34	12°22	12°31	17°11	17°33	10°29	15°32	M 4
T 5	18 53 35	13°27'26	9♓29	24°26	27°55	18°27	17°22	28°55	16°34	12°21	12°32	17°12	17°30	10°36	15°38	T 5
W 6	18 57 31	14°24'38	23°11	26° 3	28°50	18°53	17°R22	28°53	16°35	12°20	12°33	17°12	17°26	10°42	15°45	W 6
T 7	19 1 28	15°21'50	7♈ 6	27°43	29°46	19°20	17°22	28°50	16°36	12°18	12°34	17°12	17°23	10°49	15°51	T 7
F 8	19 5 25	16°19'02	21°13	29°27	0♊42	19°47	17°22	28°48	16°36	12°17	12°36	17°R12	17°20	10°56	15°57	F 8
S 9	19 9 21	17°16'15	5♉30	1♋14	1°39	20°14	17°22	28°45	16°37	12°16	12°37	17°D12	17°17	11° 2	16° 3	S 9
S 10	19 13 18	18°13'29	19°55	3° 4	2°36	20°41	17°21	28°42	16°38	12°15	12°38	17°12	17°14	11° 9	16°10	S 10
M11	19 17 14	19°10'42	4♊22	4°57	3°33	21° 8	17°20	28°39	16°39	12°13	12°39	17°12	17°10	11°16	16°16	M11
T 12	19 21 11	20° 7'56	18°49	6°52	4°31	21°36	17°19	28°36	16°40	12°12	12°40	17°12	17° 7	11°23	16°22	T 12
W13	19 25 7	21° 5'11	3♋10	8°50	5°29	22° 5	17°18	28°33	16°41	12°11	12°41	17°13	17° 4	11°29	16°29	W13
T 14	19 29 4	22° 2'26	17°20	10°51	6°28	22°33	17°16	28°30	16°42	12°10	12°42	17°R13	17° 1	11°36	16°35	T 14
F 15	19 33 0	22°59'41	1♌15	12°53	7°27	23° 2	17°15	28°27	16°43	12° 9	12°44	17°13	16°58	11°43	16°41	F 15
S 16	19 36 57	23°56'56	14°52	14°57	8°26	23°31	17°13	28°24	16°44	12° 8	12°45	17°12	16°55	11°49	16°47	S 16
S 17	19 40 54	24°54'11	28° 8	17° 3	9°26	24° 0	17°11	28°21	16°45	12° 6	12°46	17°11	16°51	11°56	16°54	S 17
M18	19 44 50	25°51'26	11♍ 4	19°10	10°26	24°30	17° 9	28°17	16°46	12° 5	12°47	17°10	16°48	12° 3	17° 0	M18
T 19	19 48 47	26°48'42	23°41	21°17	11°26	25° 0	17° 7	28°14	16°48	12° 4	12°48	17° 9	16°45	12°10	17° 6	T 19
W20	19 52 43	27°45'58	6♎ 1	23°25	12°27	25°30	17° 4	28°10	16°49	12° 3	12°49	17° 8	16°42	12°16	17°12	W20
T 21	19 56 40	28°43'14	18° 8	25°34	13°28	26° 0	17° 1	28° 7	16°50	12° 2	12°50	17° 7	16°39	12°23	17°19	T 21
F 22	20 0 36	29°40'30	0♏ 6	27°42	14°29	26°31	16°58	28° 3	16°52	12° 1	12°51	17°D 7	16°36	12°30	17°25	F 22
S 23	20 4 33	0♌37'46	11°59	29°50	15°31	27° 1	16°55	27°59	16°53	12° 0	12°52	17° 8	16°32	12°36	17°31	S 23
S 24	20 8 29	1°35'03	23°52	1♌58	16°33	27°33	16°52	27°56	16°55	11°59	12°53	17° 8	16°29	12°43	17°37	S 24
M25	20 12 26	2°32'20	5♐50	4° 5	17°35	28° 4	16°48	27°52	16°56	11°59	12°54	17°10	16°26	12°50	17°43	M25
T 26	20 16 23	3°29'37	17°56	6°10	18°37	28°35	16°45	27°48	16°58	11°58	12°55	17°11	16°23	12°57	17°49	T 26
W27	20 20 19	4°26'55	0♑15	8°15	19°40	29° 7	16°41	27°44	17° 0	11°57	12°56	17°12	16°20	13° 3	17°56	W27
T 28	20 24 16	5°24'13	12°49	10°19	20°43	29°39	16°37	27°40	17° 2	11°56	12°57	17°R13	16°16	13°10	18° 2	T 28
F 29	20 28 12	6°21'32	25°40	12°21	21°46	0♏11	16°33	27°36	17° 3	11°55	12°57	17°13	16°13	13°17	18° 8	F 29
S 30	20 32 9	7°18'51	8♒48	14°22	22°49	0°44	16°28	27°32	17° 5	11°54	12°58	17°12	16°10	13°23	18°14	S 30
S 31	20 36 5	8♌16'11	22♒14	16♌21	23♊53	1♏16	16♓24	27♒28	17♎ 7	11♐54	12♊59	17♉ 9	16♉ 7	13♏30	18♋20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 4	22s22	0s 1	20n40	2s16	15n34	3s22	6s54	0s20	6s 5	1s10	13s 2	1s19	5s54	0n38	20s43	1n34	11n17	11s 4	22s19	22s15	19s22	16n26	6s10
S 2	23 0	19 4	1n 9	20 58	2 5	15 46	3 23	7 5	0 22	6 5	1 10	13 3	1 20	5 55	0 38	20 43	1 34	11 17	11 4	22 19	22 15	19 23	16 25	6 10
S 3	22 55	14 47	2 17	21 16	1 53	15 58	3 23	7 16	0 23	6 5	1 11	13 4	1 20	5 55	0 38	20 43	1 34	11 17	11 4	22 19	22 16	19 25	16 25	6 10
M 4	22 50	9 43	3 19	21 34	1 40	16 10	3 24	7 26	0 24	6 5	1 11	13 5	1 20	5 55	0 38	20 42	1 34	11 17	11 4	22 19	22 16	19 27	16 24	6 10
T 5	22 45	4 8	4 11	21 50	1 28	16 22	3 24	7 37	0 26	6 5	1 11	13 6	1 20	5 55	0 38	20 42	1 34	11 18	11 5	22 19	22 17	19 29	16 23	6 10
W 6	22 39	1n44	4 50	22 6	1 15	16 34	3 24	7 48	0 27	6 5	1 11	13 7	1 20	5 56	0 38	20 42	1 34	11 18	11 5	22 19	22 17	19 31	16 22	6 10
T 7	22 32	7 36	5 12	22 21	1 3	16 46	3 23	8 0	0 28	6 5	1 12	13 8	1 21	5 56	0 38	20 42	1 34	11 18	11 5	22 19	22 18	19 33	16 22	6 10
F 8	22 26	13 9	5 16	22 35	0 50	16 58	3 23	8 11	0 29	6 6	1 12	13 9	1 21	5 56	0 38	20 42	1 34	11 18	11 5	22 19	22 18	19 34	16 21	6 10
S 9	22 18	18 4	5 1	22 47	0 38	17 10	3 23	8 22	0 30	6 6	1 12	13 10	1 21	5 57	0 38	20 42	1 34	11 18	11 5	22 19	22 18	19 36	16 20	6 10
S 10	22 11	21 59	4 27	22 58	0 26	17 22	3 22	8 33	0 32	6 7	1 13	13 11	1 21	5 57	0 38	20 42	1 34	11 18	11 5	22 19	22 19	19 38	16 19	6 10
M11	22 3	24 32	3 36	23 6	0 14	17 33	3 21	8 45	0 33	6 7	1 13	13 12	1 21	5 57	0 38	20 41	1 34	11 18	11 5	22 19	22 19	19 40	16 19	6 10
T 12	21 55	25 28	2 31	23 13	0 2	17 45	3 20	8 56	0 34	6 8	1 13	13 13	1 21	5 58	0 38	20 41	1 34	11 18	11 5	22 19	22 20	19 41	16 18	6 10
W13	21 46	24 40	1 17	23 17	0n10	17 56	3 19	9 8	0 35	6 9	1 14	13 14	1 22	5 58	0 38	20 41	1 34	11 18	11 5	22 19	22 20	19 43	16 17	6 10
T 14	21 37	22 17	0s 1	23 19	0 21	18 7	3 18	9 20	0 36	6 9	1 14	13 16	1 22	5 59	0 38	20 41	1 34	11 18	11 5	22 19	22 20	19 45	16 16	6 10
F 15	21 28	18 37	1 17	23 19	0 31	18 18	3 17	9 31	0 37	6 10	1 14	13 17	1 22	5 59	0 38	20 41	1 34	11 18	11 6	22 19	22 21	19 47	16 15	6 10
S 16	21 18	14 1	2 27	23 16	0 41	18 29	3 15	9 43	0 38	6 11	1 14	13 18	1 22	5 59	0 38	20 41	1 34	11 18	11 6	22 19	22 21	19 49	16 15	6 10
S 17	21 8	8 52	3 28	23 11	0 51	18 39	3 14	9 55	0 39	6 12	1 15	13 20	1 22	6 0	0 38	20 41	1 34	11 18	11 6	22 19	22 22	19 50	16 14	6 10
M18	20 58	3 28	4 16	23 2	1 0	18 50	3 12	10 7	0 40	6 13	1 15	13 21	1 22	6 0	0 38	20 41	1 34	11 18	11 6	22 19	22 22	19 52	16 13	6 10
T 19	20 47	1s56	4 50	22 51	1 8	19 0	3 10	10 19	0 41	6 15	1 15	13 22	1 23	6 1	0 38	20 41	1 33	11 18	11 6	22 19	22 22	19 54	16 12	6 11
W20	20 36	7 8	5 10	22 38	1 15	19 10	3 8	10 30	0 42	6 16	1 16	13 24	1 23	6 2	0 38	20 41	1 33	11 18	11 6	22 19	22 23	19 55	16 11	6 11
T 21	20 24	11 58	5 16	22 21	1 22	19 19	3 6	10 42	0 43	6 17	1 16	13 25	1 23	6 2	0 38	20 40	1 33	11 18	11 6	22 20	22 23	19 57	16 10	6 11
F 22	20 12	16 18	5 8	22 2	1 28	19 28	3 4	10 54	0 44	6 19	1 16	13 26	1 23	6 3	0 38	20 40	1 33	11 18	11 6	22 20	22 24	19 59	16 9	6 11
S 23	20 0	19 58	4 47	21 41	1 33	19 37	3 2	11 7	0 45	6 20	1 16	13 28	1 23	6 3	0 37	20 40	1 33	11 18	11 7	22 20	22 24	20 1	16 8	6 11
S 24	19 48	22 49	4 14	21 17	1 37	19 46	3 0	11 19	0 46	6 22	1 17	13 29	1 23	6 4	0 37	20 40	1 33	11 18	11 7	22 19	22 24	20 2	16 7	6 11
M25	19 35	24 42	3 29	20 51	1 40	19 54	2 57	11 31	0 47	6 23	1 17	13 31	1 23	6 5	0 37	20 40	1 33	11 18	11 7	22 19	22 25	20 4	16 7	6 11
T 26	19 22	25 27	2 35	20 23	1 43	20 2	2 55	11 43	0 48	6 25	1 17	13 32	1 24	6 5	0 37	20 40	1 33	11 18	11 7	22 19	22 25	20 6	16 6	6 12
W27	19 8	24 58	1 32	19 53	1 45	20 9	2 52	11 55	0 49	6 27	1 18	13 34	1 24	6 6	0 37	20 40	1 33	11 18	11 7	22 19	22 25	20 7	16 5	6 12
T 28	18 54	23 12	0 24	19 21	1 46	20 16	2 50	12 7	0 50	6 28	1 18	13 35	1 24	6 7	0 37	20 40	1 33	11 18	11 7	22 19	22 26	20 9	16 4	6 12
F 29	18 40	20 14	0n46	18 48	1 47	20 23	2 47	12 19	0 51	6 30	1 18	13 37	1 24	6 7	0 37	20 40	1 33	11 18	11 7	22 19	22 26	20 11	16 3	6 12
S 30	18 26	16 10	1 56	18 13	1 47	20 29	2 44	12 31	0 52	6 32	1 18	13 38	1 24	6 8	0 37	20 40	1 33	11 18	11 8	22 19	22 27	20 12	16 2	6 12
S 31	18n11	11s14	3n 1	17n37	1n46	20n35	2s42	12s44	0s52	6s34	1s19	13s40	1s24	6s 9	0n37	20s40	1n33	11n18	11s 8	22s19	22s27	20s14	16n 1	6s13

Julian Day Number = 2502860.5, Delta T = 115.38 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°42'12, Lahiri = 25°49'13

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ASTRODIENST EPHEMERIS for the year 2140
geocentric

AUGUST 2140 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 40 2	9♌13'32	5♓55	18♌19	24♊57	1♏49	16°R19	27°R24	17♎ 9	11°R53	13♊ 0	17°R 7	16♑ 4	13♏37	18♋26	M 1
T 2	20 43 58	10°10'54	19°49	20°15	26° 1	2°22	16♓14	27♒20	17°11	11♐52	13° 1	17♑ 4	16° 1	13°44	18°32	T 2
W 3	20 47 55	11° 8'17	3♈52	22° 9	27° 5	2°55	16° 9	27°16	17°13	11°52	13° 2	17° 0	15°57	13°50	18°38	W 3
T 4	20 51 52	12° 5'41	18° 2	24° 2	28°10	3°29	16° 4	27°11	17°15	11°51	13° 2	16°58	15°54	13°57	18°44	T 4
F 5	20 55 48	13° 3'06	2♉15	25°54	29°15	4° 2	15°59	27° 7	17°17	11°51	13° 3	16°56	15°51	14° 4	18°50	F 5
S 6	20 59 45	14° 0'32	16°29	27°43	0♋20	4°36	15°53	27° 3	17°19	11°50	13° 4	16°D56	15°48	14°10	18°56	S 6
S 7	21 3 41	14°58'00	0♊40	29°31	1°25	5°10	15°48	26°58	17°21	11°49	13° 5	16°57	15°45	14°17	19° 2	S 7
M 8	21 7 38	15°55'29	14°47	1♍18	2°30	5°44	15°42	26°54	17°24	11°49	13° 5	16°58	15°42	14°24	19° 8	M 8
T 9	21 11 34	16°52'59	28°49	3° 3	3°36	6°19	15°36	26°50	17°26	11°48	13° 6	17° 0	15°38	14°30	19°14	T 9
W10	21 15 31	17°50'30	12♋43	4°46	4°42	6°53	15°30	26°45	17°28	11°48	13° 7	17°R 0	15°35	14°37	19°19	W10
T 11	21 19 27	18°48'03	26°27	6°28	5°48	7°28	15°24	26°41	17°31	11°48	13° 8	17° 0	15°32	14°44	19°25	T 11
F 12	21 23 24	19°45'37	9♌59	8° 8	6°54	8° 3	15°17	26°36	17°33	11°47	13° 8	16°58	15°29	14°51	19°31	F 12
S 13	21 27 21	20°43'12	23°18	9°47	8° 0	8°38	15°11	26°32	17°35	11°47	13° 9	16°55	15°26	14°57	19°37	S 13
S 14	21 31 17	21°40'48	6♍22	11°24	9° 7	9°14	15° 4	26°27	17°38	11°47	13° 9	16°50	15°22	15° 4	19°42	S 14
M15	21 35 14	22°38'25	19° 9	13° 0	10°14	9°49	14°58	26°23	17°40	11°46	13°10	16°44	15°19	15°11	19°48	M15
T 16	21 39 10	23°36'03	1♎41	14°34	11°20	10°25	14°51	26°18	17°43	11°46	13°11	16°38	15°16	15°17	19°54	T 16
W17	21 43 7	24°33'42	13°59	16° 6	12°27	11° 1	14°44	26°14	17°45	11°46	13°11	16°32	15°13	15°24	19°59	W17
T 18	21 47 3	25°31'22	26° 5	17°37	13°35	11°37	14°37	26° 9	17°48	11°46	13°12	16°27	15°10	15°31	20° 5	T 18
F 19	21 51 0	26°29'04	8♏ 1	19° 6	14°42	12°13	14°30	26° 5	17°51	11°46	13°12	16°23	15° 7	15°38	20°10	F 19
S 20	21 54 56	27°26'46	19°53	20°34	15°49	12°49	14°23	26° 0	17°53	11°45	13°13	16°22	15° 3	15°44	20°16	S 20
S 21	21 58 53	28°24'29	1♐46	22° 1	16°57	13°26	14°15	25°56	17°56	11°45	13°13	16°D21	15° 0	15°51	20°21	S 21
M22	22 2 50	29°22'14	13°43	23°25	18° 5	14° 2	14° 8	25°51	17°59	11°45	13°14	16°22	14°57	15°58	20°27	M22
T 23	22 6 46	0♏20'00	25°50	24°48	19°13	14°39	14° 1	25°47	18° 2	11°D45	13°14	16°24	14°54	16° 4	20°32	T 23
W24	22 10 43	1°17'47	8♑11	26°10	20°21	15°16	13°53	25°42	18° 5	11°45	13°14	16°25	14°51	16°11	20°37	W24
T 25	22 14 39	2°15'35	20°52	27°29	21°29	15°53	13°46	25°38	18° 8	11°45	13°15	16°R25	14°48	16°18	20°43	T 25
F 26	22 18 36	3°13'24	3♒54	28°47	22°37	16°30	13°38	25°34	18°10	11°45	13°15	16°24	14°44	16°24	20°48	F 26
S 27	22 22 32	4°11'14	17°19	0♎ 4	23°46	17° 8	13°30	25°29	18°13	11°45	13°16	16°20	14°41	16°31	20°53	S 27
S 28	22 26 29	5° 9'06	1♓ 7	1°18	24°54	17°45	13°22	25°25	18°16	11°46	13°16	16°15	14°38	16°38	20°58	S 28
M29	22 30 25	6° 6'59	15°14	2°30	26° 3	18°23	13°15	25°20	18°19	11°46	13°16	16° 8	14°35	16°45	21° 3	M29
T 30	22 34 22	7° 4'54	29°36	3°41	27°12	19° 1	13° 7	25°16	18°22	11°46	13°17	16° 0	14°32	16°51	21° 8	T 30
W31	22 38 19	8♍ 2'51	14♈ 6	4♎49	28♋21	19♏39	12♓59	25♒12	18♎26	11♐46	13♊17	15♑52	14♑28	16♏58	21♋13	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n56	5s40	3n57	16n59	1n45	20n41	2s39	12s56	0s53	6s36	1s19	13s41	1s24	6s10	0n37	20s40	1n33	11n18	11s 8	22s20	22s27	20s16	16n 0	6s13
T 2	17 41	0n15	4 39	16 21	1 43	20 46	2 36	13 8	0 54	6 38	1 19	13 43	1 24	6 10	0 37	20 40	1 33	11 18	11 8	22 20	22 28	20 17	15 59	6 13
W 3	17 25	6 13	5 6	15 42	1 40	20 51	2 33	13 20	0 55	6 41	1 19	13 44	1 25	6 11	0 37	20 40	1 33	11 17	11 8	22 20	22 28	20 19	15 58	6 13
T 4	17 9	11 54	5 14	15 1	1 37	20 55	2 29	13 32	0 56	6 43	1 20	13 46	1 25	6 12	0 37	20 40	1 33	11 17	11 8	22 21	22 29	20 21	15 57	6 14
F 5	16 53	16 59	5 3	14 21	1 33	20 59	2 26	13 45	0 57	6 45	1 20	13 47	1 25	6 13	0 37	20 40	1 33	11 17	11 9	22 21	22 29	20 22	15 56	6 14
S 6	16 37	21 7	4 33	13 39	1 29	21 2	2 23	13 57	0 57	6 47	1 20	13 49	1 25	6 14	0 37	20 40	1 33	11 17	11 9	22 21	22 29	20 24	15 55	6 14
S 7	16 20	23 58	3 47	12 57	1 25	21 5	2 20	14 9	0 58	6 50	1 20	13 51	1 25	6 14	0 37	20 40	1 33	11 17	11 9	22 21	22 30	20 26	15 54	6 14
M 8	16 3	25 20	2 47	12 15	1 20	21 7	2 17	14 21	0 59	6 52	1 21	13 52	1 25	6 15	0 37	20 40	1 33	11 17	11 9	22 21	22 30	20 27	15 53	6 15
T 9	15 46	25 3	1 38	11 32	1 14	21 9	2 13	14 33	1 0	6 55	1 21	13 54	1 25	6 16	0 37	20 40	1 32	11 17	11 9	22 21	22 30	20 29	15 51	6 15
W10	15 28	23 12	0 23	10 49	1 9	21 11	2 10	14 45	1 0	6 57	1 21	13 55	1 25	6 17	0 37	20 40	1 32	11 17	11 9	22 20	22 31	20 31	15 50	6 15
T 11	15 11	20 0	0s51	10 6	1 2	21 12	2 6	14 57	1 1	7 0	1 21	13 57	1 25	6 18	0 37	20 40	1 32	11 17	11 10	22 20	22 31	20 32	15 49	6 15
F 12	14 53	15 46	2 2	9 23	0 56	21 12	2 3	15 9	1 2	7 3	1 21	13 59	1 26	6 19	0 37	20 40	1 32	11 17	11 10	22 21	22 31	20 34	15 48	6 16
S 13	14 35	10 50	3 5	8 39	0 49	21 12	1 59	15 21	1 3	7 5	1 22	14 0	1 26	6 20	0 37	20 40	1 32	11 17	11 10	22 21	22 32	20 35	15 47	6 16
S 14	14 16	5 30	3 57	7 56	0 42	21 11	1 56	15 33	1 3	7 8	1 22	14 2	1 26	6 21	0 37	20 40	1 32	11 16	11 10	22 22	22 32	20 37	15 46	6 16
M15	13 57	0 4	4 35	7 13	0 35	21 10	1 52	15 45	1 4	7 11	1 22	14 4	1 26	6 22	0 37	20 40	1 32	11 16	11 10	22 22	22 33	20 39	15 45	6 17
T 16	13 39	5s15	5 0	6 30	0 27	21 8	1 48	15 57	1 5	7 14	1 22	14 5	1 26	6 23	0 37	20 40	1 32	11 16	11 10	22 23	22 33	20 40	15 44	6 17
W17	13 20	10 16	5 10	5 46	0 19	21 6	1 45	16 9	1 5	7 16	1 22	14 7	1 26	6 24	0 37	20 40	1 32	11 16	11 11	22 24	22 33	20 42	15 43	6 17
T 18	13 0	14 48	5 6	5 4	0 11	21 3	1 41	16 21	1 6	7 19	1 23	14 8	1 26	6 25	0 37	20 40	1 32	11 16	11 11	22 25	22 34	20 43	15 42	6 18
F 19	12 41	18 43	4 48	4 21	0 3	21 0	1 37	16 33	1 7	7 22	1 23	14 10	1 26	6 26	0 37	20 40	1 32	11 16	11 11	22 25	22 34	20 45	15 40	6 18
S 20	12 21	21 51	4 19	3 39	0s 5	20 56	1 34	16 44	1 7	7 25	1 23	14 12	1 26	6 27	0 36	20 40	1 32	11 16	11 11	22 25	22 34	20 46	15 39	6 18
S 21	12 1	24 4	3 38	2 57	0 14	20 52	1 30	16 56	1 8	7 28	1 23	14 13	1 26	6 28	0 36	20 40	1 32	11 16	11 11	22 25	22 35	20 48	15 38	6 19
M22	11 41	25 12	2 48	2 16	0 23	20 47	1 26	17 8	1 8	7 31	1 23	14 15	1 26	6 29	0 36	20 40	1 32	11 15	11 12	22 25	22 35	20 49	15 37	6 19
T 23	11 21	25 10	1 49	1 35	0 32	20 41	1 22	17 19	1 9	7 34	1 23	14 16	1 26	6 30	0 36	20 40	1 32	11 15	11 12	22 25	22 35	20 51	15 36	6 19
W24	11 0	23 54	0 44	0 54	0 41	20 35	1 19	17 31	1 10	7 37	1 24	14 18	1 26	6 31	0 36	20 40	1 32	11 15	11 12	22 25	22 36	20 53	15 35	6 20
T 25	10 40	21 25	0n24	0 14	0 50	20 29	1 15	17 42	1 10	7 40	1 24	14 19	1 27	6 33	0 36	20 40	1 32	11 15	11 12	22 25	22 36	20 54	15 34	6 20
F 26	10 19	17 45	1 33	0s25	0 59	20 22	1 11	17 53	1 11	7 43	1 24	14 21	1 27	6 34	0 36	20 40	1 32	11 15	11 12	22 25	22 36	20 56	15 32	6 21
S 27	9 58	13 7	2 39	1 4	1 8	20 14	1 7	18 5	1 11	7 46	1 24	14 23	1 27	6 35	0 36	20 40	1 31	11 15	11 13	22 25	22 37	20 57	15 31	6 21
S 28	9 37	7 41	3 37	1 42	1 18	20 6	1 3	18 16	1 12	7 49	1 24	14 24	1 27	6 36	0 36	20 40	1 31	11 15	11 13	22 26	22 37	20 59	15 30	6 21
M29	9 16	1 46	4 23	2 20	1 27	19 57	1 0	18 27	1 12	7 53	1 24	14 26	1 27	6 37	0 36	20 40	1 31	11 14	11 13	22 27	22 37	21 0	15 29	6 22
T 30	8 54	4n20	4 54	2 56	1 36	19 48	0 56	18 38	1 13	7 56	1 24	14 27	1 27	6 38	0 36	20 40	1 31	11 14	11 13	22 28	22 38	21 2	15 28	6 22
W31	8n33	10n15	5n 6	3s32	1s46	19n38	0s52	18s49	1s13	7s59	1s24	14s29	1s27	6s40	0n36	20s40	1n31	11n14	11s13	22s29	22s38	21s 3	15n27	6s23

Julian Day Number = 2502891.5, Delta T = 115.43 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°42'17, Lahiri = 25°49'17

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ASTRODIENST EPHEMERIS for the year 2140
geocentric

SEPTEMBER 2140 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 42 15	9♍ 0'49	28♈39	5♎55	29♋30	20♏17	12°R51	25°R 7	18♎29	11♐46	13♊17	15°R45	14♑25	17♏ 5	21♋18	T 1
F 2	22 46 12	9°58'49	13♉ 8	6°59	0♌40	20°55	12♓43	25♒ 3	18°32	11°47	13°17	15♑40	14°22	17°11	21°23	F 2
S 3	22 50 8	10°56'51	27°29	8° 1	1°49	21°34	12°35	24°59	18°35	11°47	13°17	15°37	14°19	17°18	21°28	S 3
S 4	22 54 5	11°54'56	11♊38	9° 0	2°59	22°12	12°27	24°55	18°38	11°47	13°18	15°D37	14°16	17°25	21°33	S 4
M 5	22 58 1	12°53'02	25°35	9°56	4° 8	22°51	12°19	24°50	18°41	11°48	13°18	15°37	14°13	17°31	21°38	M 5
T 6	23 1 58	13°51'10	9♋19	10°50	5°18	23°30	12°11	24°46	18°45	11°48	13°18	15°R38	14° 9	17°38	21°42	T 6
W 7	23 5 54	14°49'20	22°51	11°40	6°28	24° 9	12° 4	24°42	18°48	11°49	13°18	15°38	14° 6	17°45	21°47	W 7
T 8	23 9 51	15°47'32	6♌11	12°28	7°38	24°48	11°56	24°38	18°51	11°49	13°18	15°36	14° 3	17°52	21°51	T 8
F 9	23 13 48	16°45'46	19°20	13°12	8°48	25°27	11°48	24°34	18°55	11°50	13°18	15°31	14° 0	17°58	21°56	F 9
S 10	23 17 44	17°44'01	2♍18	13°52	9°59	26° 6	11°40	24°30	18°58	11°50	13°18	15°24	13°57	18° 5	22° 0	S 10
S 11	23 21 41	18°42'19	15° 4	14°28	11° 9	26°46	11°32	24°26	19° 1	11°51	13°18	15°15	13°54	18°12	22° 5	S 11
M12	23 25 37	19°40'38	27°38	15° 0	12°19	27°25	11°24	24°22	19° 5	11°52	13°R18	15° 4	13°50	18°18	22° 9	M12
T 13	23 29 34	20°38'59	10♎ 0	15°28	13°30	28° 5	11°16	24°19	19° 8	11°52	13°18	14°52	13°47	18°25	22°13	T 13
W14	23 33 30	21°37'21	22°11	15°50	14°41	28°45	11° 9	24°15	19°12	11°53	13°18	14°40	13°44	18°32	22°18	W14
T 15	23 37 27	22°35'46	4♏12	16° 8	15°51	29°25	11° 1	24°11	19°15	11°54	13°18	14°30	13°41	18°38	22°22	T 15
F 16	23 41 23	23°34'12	16° 6	16°20	17° 2	0♐ 5	10°54	24° 7	19°18	11°54	13°18	14°21	13°38	18°45	22°26	F 16
S 17	23 45 20	24°32'40	27°56	16°26	18°13	0°45	10°46	24° 4	19°22	11°55	13°18	14°16	13°34	18°52	22°30	S 17
S 18	23 49 16	25°31'09	9♐46	16°R26	19°24	1°26	10°39	24° 0	19°25	11°56	13°18	14°12	13°31	18°59	22°34	S 18
M19	23 53 13	26°29'40	21°40	16°20	20°36	2° 6	10°31	23°57	19°29	11°57	13°18	14°D11	13°28	19° 5	22°38	M19
T 20	23 57 10	27°28'13	3♑45	16° 7	21°47	2°47	10°24	23°54	19°33	11°58	13°18	14°11	13°25	19°12	22°41	T 20
W21	0 1 6	28°26'47	16° 5	15°46	22°58	3°28	10°17	23°50	19°36	11°59	13°18	14°R11	13°22	19°19	22°45	W21
T 22	0 5 3	29°25'23	28°45	15°19	24°10	4° 8	10°10	23°47	19°40	12° 0	13°17	14°11	13°19	19°25	22°49	T 22
F 23	0 8 59	0♎24'01	11♒50	14°45	25°21	4°49	10° 3	23°44	19°43	12° 0	13°17	14° 8	13°15	19°32	22°52	F 23
S 24	0 12 56	1°22'40	25°22	14° 4	26°33	5°30	9°56	23°41	19°47	12° 1	13°17	14° 3	13°12	19°39	22°56	S 24
S 25	0 16 52	2°21'21	9♓22	13°16	27°45	6°11	9°49	23°38	19°51	12° 3	13°17	13°55	13° 9	19°45	22°59	S 25
M26	0 20 49	3°20'04	23°47	12°23	28°57	6°53	9°42	23°35	19°54	12° 4	13°16	13°45	13° 6	19°52	23° 3	M26
T 27	0 24 45	4°18'49	8♈32	11°24	0♍ 8	7°34	9°36	23°32	19°58	12° 5	13°16	13°34	13° 3	19°59	23° 6	T 27
W28	0 28 42	5°17'35	23°28	10°21	1°20	8°16	9°29	23°29	20° 2	12° 6	13°16	13°23	12°59	20° 5	23° 9	W28
T 29	0 32 39	6°16'24	8♉26	9°15	2°33	8°57	9°23	23°26	20° 5	12° 7	13°15	13°13	12°56	20°12	23°13	T 29
F 30	0 36 35	7♎15'15	23♉17	8♎ 8	3♍45	9♐39	9♓17	23♒24	20♎ 9	12♐ 8	13♊15	13♑ 5	12♑53	20♏19	23♋16	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n11	15n38	4n58	4s 7	1s55	19n27	0s48	18s59	1s14	8s 2	1s24	14s30	1s27	6s41	0n36	20s41	1n31	11n14	11s14	22s30	22s39	21s 5	15n25	6s23
F 2	7 49	20 5	4 32	4 41	2 4	19 16	0 44	19 10	1 14	8 5	1 25	14 32	1 27	6 42	0 36	20 41	1 31	11 14	11 14	22 30	22 39	21 6	15 24	6 24
S 3	7 27	23 17	3 49	5 13	2 14	19 5	0 41	19 21	1 15	8 8	1 25	14 33	1 27	6 43	0 36	20 41	1 31	11 14	11 14	22 30	22 39	21 8	15 23	6 24
S 4	7 5	25 0	2 52	5 45	2 23	18 53	0 37	19 31	1 15	8 11	1 25	14 35	1 27	6 44	0 36	20 41	1 31	11 13	11 14	22 31	22 40	21 9	15 22	6 25
M 5	6 43	25 6	1 45	6 16	2 32	18 40	0 33	19 42	1 16	8 14	1 25	14 36	1 27	6 46	0 36	20 41	1 31	11 13	11 14	22 31	22 40	21 10	15 21	6 25
T 6	6 21	23 39	0 34	6 45	2 41	18 27	0 29	19 52	1 16	8 17	1 25	14 37	1 27	6 47	0 36	20 41	1 31	11 13	11 15	22 30	22 40	21 12	15 20	6 25
W 7	5 58	20 51	0s39	7 13	2 49	18 14	0 26	20 2	1 17	8 21	1 25	14 39	1 27	6 48	0 36	20 41	1 31	11 13	11 15	22 30	22 41	21 13	15 18	6 26
T 8	5 36	16 59	1 48	7 39	2 58	17 59	0 22	20 12	1 17	8 24	1 25	14 40	1 27	6 49	0 36	20 41	1 31	11 13	11 15	22 31	22 41	21 15	15 17	6 26
F 9	5 13	12 19	2 50	8 4	3 6	17 45	0 19	20 22	1 18	8 27	1 25	14 41	1 27	6 51	0 36	20 41	1 31	11 12	11 15	22 31	22 41	21 16	15 16	6 27
S 10	4 51	7 12	3 42	8 27	3 14	17 30	0 15	20 32	1 18	8 30	1 25	14 43	1 27	6 52	0 36	20 42	1 31	11 12	11 15	22 32	22 42	21 18	15 15	6 27
S 11	4 28	1 51	4 22	8 48	3 22	17 14	0 11	20 41	1 18	8 33	1 25	14 44	1 27	6 53	0 36	20 42	1 31	11 12	11 16	22 33	22 42	21 19	15 14	6 28
M12	4 5	3s28	4 49	9 7	3 29	16 58	0 8	20 51	1 19	8 36	1 25	14 45	1 27	6 55	0 36	20 42	1 31	11 12	11 16	22 34	22 42	21 21	15 13	6 28
T 13	3 42	8 34	5 1	9 24	3 35	16 41	0 4	21 0	1 19	8 39	1 25	14 47	1 27	6 56	0 36	20 42	1 31	11 12	11 16	22 36	22 43	21 22	15 11	6 29
W14	3 19	13 16	5 0	9 38	3 42	16 24	0 1	21 10	1 20	8 42	1 25	14 48	1 27	6 57	0 36	20 42	1 30	11 11	11 16	22 37	22 43	21 23	15 10	6 29
T 15	2 56	17 23	4 45	9 50	3 47	16 7	0n 3	21 19	1 20	8 45	1 25	14 49	1 27	6 59	0 36	20 42	1 30	11 11	11 16	22 38	22 43	21 25	15 9	6 30
F 16	2 33	20 45	4 18	9 59	3 52	15 49	0 6	21 28	1 20	8 47	1 25	14 50	1 27	7 0	0 36	20 42	1 30	11 11	11 17	22 39	22 43	21 26	15 8	6 31
S 17	2 10	23 15	3 40	10 5	3 56	15 30	0 9	21 37	1 21	8 50	1 25	14 52	1 27	7 1	0 36	20 43	1 30	11 11	11 17	22 40	22 44	21 28	15 7	6 31
S 18	1 47	24 44	2 52	10 8	3 59	15 11	0 13	21 45	1 21	8 53	1 25	14 53	1 27	7 3	0 36	20 43	1 30	11 11	11 17	22 40	22 44	21 29	15 6	6 32
M19	1 24	25 6	1 57	10 7	4 1	14 52	0 16	21 54	1 21	8 56	1 25	14 54	1 27	7 4	0 36	20 43	1 30	11 10	11 17	22 40	22 44	21 30	15 4	6 32
T 20	1 0	24 17	0 55	10 3	4 1	14 32	0 19	22 2	1 22	8 59	1 25	14 55	1 27	7 5	0 36	20 43	1 30	11 10	11 17	22 40	22 45	21 32	15 3	6 33
W21	0 37	22 17	0n10	9 54	4 1	14 12	0 22	22 10	1 22	9 1	1 25	14 56	1 27	7 7	0 36	20 43	1 30	11 10	11 18	22 40	22 45	21 33	15 2	6 33
T 22	0 14	19 9	1 16	9 42	3 59	13 52	0 26	22 18	1 22	9 4	1 25	14 57	1 27	7 8	0 36	20 43	1 30	11 10	11 18	22 40	22 45	21 34	15 1	6 34
F 23	0s10	14 58	2 21	9 25	3 55	13 31	0 29	22 26	1 23	9 6	1 25	14 58	1 27	7 10	0 36	20 44	1 30	11 10	11 18	22 40	22 46	21 36	15 0	6 34
S 24	0 33	9 55	3 20	9 4	3 50	13 9	0 32	22 34	1 23	9 9	1 25	14 59	1 27	7 11	0 36	20 44	1 30	11 9	11 18	22 41	22 46	21 37	14 59	6 35
S 25	0 56	4 13	4 8	8 39	3 42	12 47	0 35	22 42	1 23	9 12	1 25	15 0	1 27	7 12	0 36	20 44	1 30	11 9	11 18	22 42	22 46	21 38	14 58	6 36
M26	1 19	1n52	4 43	8 10	3 33	12 25	0 38	22 49	1 24	9 14	1 25	15 1	1 27	7 14	0 36	20 44	1 30	11 9	11 19	22 43	22 47	21 40	14 56	6 36
T 27	1 43	7 58	4 59	7 36	3 22	12 3	0 40	22 56	1 24	9 16	1 25	15 2	1 27	7 15	0 36	20 44	1 30	11 9	11 19	22 44	22 47	21 41	14 55	6 37
W28	2 6	13 41	4 56	7 0	3 9	11 40	0 43	23 3	1 24	9 19	1 25	15 3	1 27	7 16	0 36	20 45	1 30	11 8	11 19	22 45	22 47	21 42	14 54	6 37
T 29	2 29	18 36	4 32	6 20	2 55	11 17	0 46	23 10	1 24	9 21	1 25	15 4	1 27	7 18	0 36	20 45	1 30	11 8	11 19	22 46	22 48	21 44	14 53	6 38
F 30	2s53	22n18	3n50	5s39	2s38	10n53	0n49	23s16	1s24	9s23	1s25	15s 5	1s27	7s19	0n36	20s45	1n30	11n 8	11s19	22s47	22s48	21s45	14n52	6s39

Julian Day Number = 2502922.5, Delta T = 115.48 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°42'21, Lahiri = 25°49'21

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2140
geocentric

OCTOBER 2140 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 40 32	8♎14'09	7♊54	7°R 1	4♍57	10♐21	9°R11	23°R21	20♎13	12♐ 9	13°R15	13°R 1	12♑50	20♏26	23♋19	S 1
S 2	0 44 28	9°13'04	22°13	5♎57	6° 9	11° 2	9♓ 5	23♒19	20°17	12°11	13♊14	12♑58	12°47	20°32	23°22	S 2
M 3	0 48 25	10°12'02	6♋11	4°56	7°22	11°44	8°59	23°17	20°20	12°12	13°14	12°58	12°44	20°39	23°24	M 3
T 4	0 52 21	11°11'03	19°50	4° 0	8°34	12°26	8°54	23°14	20°24	12°13	13°13	12°58	12°40	20°46	23°27	T 4
W 5	0 56 18	12°10'05	3♌10	3°12	9°47	13° 9	8°48	23°12	20°28	12°14	13°13	12°57	12°37	20°52	23°30	W 5
T 6	1 0 14	13° 9'10	16°15	2°32	11° 0	13°51	8°43	23°10	20°32	12°16	13°13	12°54	12°34	20°59	23°33	T 6
F 7	1 4 11	14° 8'17	29° 5	2° 1	12°12	14°33	8°38	23° 8	20°35	12°17	13°12	12°48	12°31	21° 6	23°35	F 7
S 8	1 8 8	15° 7'26	11♍44	1°40	13°25	15°16	8°33	23° 6	20°39	12°18	13°11	12°40	12°28	21°12	23°38	S 8
S 9	1 12 4	16° 6'38	24°13	1°D30	14°38	15°58	8°28	23° 4	20°43	12°20	13°11	12°29	12°25	21°19	23°40	S 9
M10	1 16 1	17° 5'51	6♎32	1°31	15°51	16°41	8°24	23° 2	20°47	12°21	13°10	12°15	12°21	21°26	23°42	M10
T 11	1 19 57	18° 5'07	18°43	1°42	17° 4	17°24	8°19	23° 1	20°50	12°23	13°10	12° 1	12°18	21°32	23°44	T 11
W12	1 23 54	19° 4'25	0♏45	2° 3	18°17	18° 7	8°15	22°59	20°54	12°24	13° 9	11°47	12°15	21°39	23°46	W12
T 13	1 27 50	20° 3'44	12°41	2°35	19°30	18°50	8°11	22°58	20°58	12°26	13° 9	11°34	12°12	21°46	23°49	T 13
F 14	1 31 47	21° 3'06	24°32	3°15	20°44	19°33	8° 7	22°56	21° 2	12°27	13° 8	11°24	12° 9	21°53	23°50	F 14
S 15	1 35 43	22° 2'30	6♐20	4° 4	21°57	20°16	8° 3	22°55	21° 6	12°29	13° 7	11°16	12° 5	21°59	23°52	S 15
S 16	1 39 40	23° 1'55	18° 8	5° 1	23°10	20°59	8° 0	22°54	21° 9	12°31	13° 7	11°12	12° 2	22° 6	23°54	S 16
M17	1 43 37	24° 1'22	0♑ 1	6° 5	24°24	21°43	7°56	22°53	21°13	12°32	13° 6	11°10	11°59	22°13	23°56	M17
T 18	1 47 33	25° 0'51	12° 3	7°15	25°37	22°26	7°53	22°52	21°17	12°34	13° 5	11°D 9	11°56	22°19	23°57	T 18
W19	1 51 30	26° 0'22	24°19	8°30	26°51	23° 9	7°50	22°51	21°21	12°36	13° 5	11°R 9	11°53	22°26	23°59	W19
T 20	1 55 26	26°59'55	6♒55	9°50	28° 5	23°53	7°48	22°50	21°24	12°37	13° 4	11° 9	11°50	22°33	24° 0	T 20
F 21	1 59 23	27°59'29	19°55	11°14	29°18	24°37	7°45	22°50	21°28	12°39	13° 3	11° 7	11°46	22°39	24° 2	F 21
S 22	2 3 19	28°59'05	3♓24	12°42	0♎32	25°20	7°43	22°49	21°32	12°41	13° 2	11° 3	11°43	22°46	24° 3	S 22
S 23	2 7 16	29°58'42	17°23	14°12	1°46	26° 4	7°40	22°49	21°36	12°42	13° 2	10°56	11°40	22°53	24° 4	S 23
M24	2 11 12	0♏58'22	1♈52	15°45	2°59	26°48	7°38	22°48	21°39	12°44	13° 1	10°47	11°37	22°59	24° 5	M24
T 25	2 15 9	1°58'03	16°45	17°19	4°13	27°32	7°37	22°48	21°43	12°46	13° 0	10°37	11°34	23° 6	24° 6	T 25
W26	2 19 5	2°57'46	1♉54	18°55	5°27	28°16	7°35	22°48	21°47	12°48	12°59	10°27	11°30	23°13	24° 7	W26
T 27	2 23 2	3°57'31	17°10	20°32	6°41	29° 0	7°34	22°D48	21°51	12°50	12°58	10°17	11°27	23°20	24° 8	T 27
F 28	2 26 59	4°57'18	2♊21	22°11	7°55	29°45	7°33	22°48	21°54	12°52	12°57	10°10	11°24	23°26	24° 8	F 28
S 29	2 30 55	5°57'08	17°18	23°49	9° 9	0♑29	7°32	22°48	21°58	12°53	12°57	10° 6	11°21	23°33	24° 9	S 29
S 30	2 34 52	6°56'59	1♋53	25°29	10°24	1°13	7°31	22°48	22° 2	12°55	12°56	10° 4	11°18	23°40	24° 9	S 30
M31	2 38 48	7♏56'53	16♋ 3	27♎ 8	11♎38	1♑58	7♓30	22♒49	22♎ 6	12♐57	12♊55	10°D 4	11♑15	23♏46	24♋10	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s16	24n28	2n54	4s56	2s21	10n29	0n51	23s23	1s25	9s25	1s24	15s 5	1s27	7s21	0n36	20s45	1n30	11n 8	11s20	22s47	22s48	21s46	14n51	6s39
S 2	3 39	24 59	1 47	4 13	2 2	10 5	0 54	23 29	1 25	9 28	1 24	15 6	1 27	7 22	0 36	20 45	1 30	11 7	11 20	22 47	22 48	21 48	14 50	6 40
M 3	4 2	23 52	0 36	3 31	1 42	9 40	0 56	23 35	1 25	9 30	1 24	15 7	1 27	7 24	0 36	20 46	1 29	11 7	11 20	22 47	22 49	21 49	14 49	6 40
T 4	4 25	21 22	0s36	2 50	1 21	9 16	0 59	23 41	1 25	9 32	1 24	15 8	1 27	7 25	0 36	20 46	1 29	11 7	11 20	22 47	22 49	21 50	14 48	6 41
W 5	4 48	17 44	1 45	2 12	1 1	8 50	1 1	23 46	1 26	9 34	1 24	15 8	1 27	7 26	0 36	20 46	1 29	11 7	11 20	22 48	22 49	21 51	14 47	6 42
T 6	5 11	13 19	2 46	1 38	0 41	8 25	1 4	23 52	1 26	9 35	1 24	15 9	1 27	7 28	0 36	20 46	1 29	11 7	11 20	22 48	22 50	21 53	14 46	6 42
F 7	5 34	8 23	3 38	1 7	0 21	7 59	1 6	23 57	1 26	9 37	1 24	15 10	1 26	7 29	0 36	20 46	1 29	11 6	11 21	22 48	22 50	21 54	14 45	6 43
S 8	5 57	3 11	4 18	0 42	0 2	7 34	1 8	24 2	1 26	9 39	1 24	15 10	1 26	7 31	0 36	20 47	1 29	11 6	11 21	22 49	22 50	21 55	14 44	6 44
S 9	6 20	2s 4	4 45	0 21	0n16	7 7	1 10	24 7	1 26	9 41	1 24	15 11	1 26	7 32	0 36	20 47	1 29	11 6	11 21	22 50	22 51	21 57	14 43	6 44
M10	6 43	7 9	4 58	0 6	0 32	6 41	1 12	24 11	1 26	9 42	1 23	15 11	1 26	7 33	0 35	20 47	1 29	11 6	11 21	22 51	22 51	21 58	14 42	6 45
T 11	7 5	11 55	4 58	0n 3	0 48	6 14	1 14	24 16	1 26	9 44	1 23	15 12	1 26	7 35	0 35	20 47	1 29	11 5	11 21	22 53	22 51	21 59	14 41	6 46
W12	7 28	16 9	4 44	0 7	1 1	5 48	1 16	24 20	1 27	9 45	1 23	15 12	1 26	7 36	0 35	20 48	1 29	11 5	11 21	22 54	22 51	22 0	14 40	6 46
T 13	7 50	19 43	4 17	0 6	1 14	5 21	1 18	24 24	1 27	9 47	1 23	15 13	1 26	7 38	0 35	20 48	1 29	11 5	11 22	22 55	22 52	22 2	14 39	6 47
F 14	8 13	22 27	3 40	0 0	1 25	4 53	1 19	24 27	1 27	9 48	1 23	15 13	1 26	7 39	0 35	20 48	1 29	11 5	11 22	22 56	22 52	22 3	14 38	6 47
S 15	8 35	24 12	2 53	0s11	1 34	4 26	1 21	24 31	1 27	9 49	1 23	15 13	1 26	7 41	0 35	20 48	1 29	11 5	11 22	22 57	22 52	22 4	14 37	6 48
S 16	8 57	24 52	1 59	0 26	1 42	3 58	1 23	24 34	1 27	9 50	1 23	15 14	1 26	7 42	0 35	20 49	1 29	11 4	11 22	22 57	22 53	22 5	14 36	6 49
M17	9 19	24 24	0 59	0 45	1 48	3 31	1 24	24 37	1 27	9 52	1 22	15 14	1 26	7 43	0 35	20 49	1 29	11 4	11 22	22 57	22 53	22 6	14 35	6 49
T 18	9 41	22 48	0n 5	1 8	1 53	3 3	1 26	24 39	1 27	9 53	1 22	15 14	1 26	7 45	0 35	20 49	1 29	11 4	11 22	22 57	22 53	22 8	14 34	6 50
W19	10 2	20 6	1 9	1 34	1 57	2 35	1 27	24 42	1 27	9 54	1 22	15 14	1 26	7 46	0 35	20 49	1 29	11 4	11 22	22 57	22 53	22 9	14 33	6 51
T 20	10 24	16 24	2 12	2 3	2 0	2 7	1 28	24 44	1 27	9 54	1 22	15 15	1 26	7 48	0 35	20 50	1 29	11 3	11 23	22 57	22 54	22 10	14 32	6 51
F 21	10 45	11 49	3 10	2 34	2 2	1 39	1 30	24 46	1 27	9 55	1 22	15 15	1 26	7 49	0 35	20 50	1 29	11 3	11 23	22 57	22 54	22 11	14 31	6 52
S 22	11 6	6 31	4 0	3 8	2 3	1 11	1 31	24 48	1 27	9 56	1 22	15 15	1 26	7 50	0 35	20 50	1 29	11 3	11 23	22 58	22 54	22 12	14 30	6 53
S 23	11 27	0 43	4 38	3 43	2 2	0 42	1 32	24 49	1 27	9 57	1 21	15 15	1 26	7 52	0 35	20 50	1 29	11 3	11 23	22 58	22 55	22 13	14 29	6 54
M24	11 48	5n19	4 59	4 20	2 1	0 14	1 33	24 50	1 27	9 57	1 21	15 15	1 25	7 53	0 35	20 51	1 29	11 2	11 23	22 59	22 55	22 15	14 29	6 54
T 25	12 9	11 12	5 1	4 57	1 59	0s15	1 34	24 51	1 27	9 58	1 21	15 15	1 25	7 55	0 35	20 51	1 29	11 2	11 23	23 0	22 55	22 16	14 28	6 55
W26	12 29	16 32	4 42	5 36	1 57	0 43	1 34	24 52	1 27	9 58	1 21	15 15	1 25	7 56	0 35	20 51	1 28	11 2	11 23	23 1	22 55	22 17	14 27	6 56
T 27	12 50	20 50	4 3	6 15	1 54	1 12	1 35	24 52	1 27	9 58	1 21	15 15	1 25	7 57	0 35	20 51	1 28	11 2	11 24	23 1	22 56	22 18	14 26	6 56
F 28	13 10	23 40	3 7	6 55	1 50	1 40	1 36	24 53	1 27	9 59	1 20	15 15	1 25	7 59	0 35	20 52	1 28	11 2	11 24	23 2	22 56	22 19	14 25	6 57
S 29	13 30	24 47	1 58	7 35	1 46	2 9	1 36	24 53	1 27	9 59	1 20	15 15	1 25	8 0	0 35	20 52	1 28	11 1	11 24	23 2	22 56	22 20	14 25	6 58
S 30	13 49	24 8	0 44	8 16	1 42	2 37	1 37	24 52	1 27	9 59	1 20	15 15	1 25	8 2	0 35	20 52	1 28	11 1	11 24	23 2	22 56	22 21	14 24	6 58
M31	14s 9	21n56	0s32	8s56	1n37	3s 6	1n37	24s52	1s27	9s59	1s20	15s14	1s25	8s 3	0n35	20s53	1n28	11n 1	11s24	23s 2	22s57	22s23	14n23	6s59

Julian Day Number = 2502952.5, Delta T = 115.54 sec
Ecliptic obliquity = 23°25'18, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°42'25, Lahiri = 25°49'26

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ASTRODIENST EPHEMERIS for the year 2140
geocentric

NOVEMBER 2140 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 45	8♏56'49	29♋48	28♎48	12♎52	2♑42	7°R30	22♒49	22♎ 9	12♐59	12°R54	10♑ 4	11♑11	23♏53	24♋10	T 1
W 2	2 46 41	9°56'47	13♌ 9	0♏28	14° 6	3°27	7°D30	22°50	22°13	13° 1	12♊53	10°R 5	11° 8	24° 0	24°10	W 2
T 3	2 50 38	10°56'47	26° 8	2° 8	15°21	4°11	7♓30	22°51	22°17	13° 3	12°52	10° 3	11° 5	24° 6	24°10	T 3
F 4	2 54 35	11°56'49	8♍50	3°47	16°35	4°56	7°30	22°51	22°20	13° 5	12°51	10° 0	11° 2	24°13	24°R11	F 4
S 5	2 58 31	12°56'53	21°17	5°27	17°49	5°41	7°31	22°52	22°24	13° 7	12°50	9°54	10°59	24°20	24°10	S 5
S 6	3 2 28	13°57'00	3♎34	7° 6	19° 4	6°26	7°31	22°53	22°27	13° 9	12°49	9°46	10°56	24°26	24°10	S 6
M 7	3 6 24	14°57'08	15°41	8°45	20°18	7°11	7°32	22°54	22°31	13°11	12°48	9°36	10°52	24°33	24°10	M 7
T 8	3 10 21	15°57'19	27°41	10°24	21°33	7°56	7°33	22°55	22°34	13°13	12°47	9°25	10°49	24°40	24°10	T 8
W 9	3 14 17	16°57'31	9♏36	12° 2	22°47	8°41	7°34	22°57	22°38	13°15	12°46	9°14	10°46	24°46	24° 9	W 9
T 10	3 18 14	17°57'45	21°28	13°40	24° 2	9°26	7°36	22°58	22°42	13°17	12°45	9° 5	10°43	24°53	24° 9	T 10
F 11	3 22 10	18°58'01	3♐17	15°18	25°17	10°11	7°38	23° 0	22°45	13°19	12°44	8°57	10°40	25° 0	24° 8	F 11
S 12	3 26 7	19°58'18	15° 6	16°55	26°31	10°56	7°39	23° 1	22°49	13°22	12°43	8°52	10°36	25° 6	24° 7	S 12
S 13	3 30 4	20°58'38	26°56	18°32	27°46	11°42	7°42	23° 3	22°52	13°24	12°42	8°49	10°33	25°13	24° 7	S 13
M14	3 34 0	21°58'58	8♑52	20° 9	29° 1	12°27	7°44	23° 5	22°55	13°26	12°41	8°D48	10°30	25°20	24° 6	M14
T 15	3 37 57	22°59'21	20°56	21°45	0♏16	13°13	7°46	23° 7	22°59	13°28	12°40	8°48	10°27	25°27	24° 5	T 15
W16	3 41 53	23°59'44	3♒12	23°21	1°30	13°58	7°49	23° 9	23° 2	13°30	12°39	8°50	10°24	25°33	24° 4	W16
T 17	3 45 50	25° 0'09	15°46	24°57	2°45	14°44	7°52	23°11	23° 6	13°32	12°38	8°51	10°21	25°40	24° 3	T 17
F 18	3 49 46	26° 0'35	28°41	26°33	4° 0	15°29	7°55	23°13	23° 9	13°34	12°37	8°R51	10°17	25°47	24° 1	F 18
S 19	3 53 43	27° 1'03	12♓ 2	28° 8	5°15	16°15	7°58	23°15	23°12	13°37	12°36	8°50	10°14	25°53	24° 0	S 19
S 20	3 57 39	28° 1'32	25°50	29°43	6°30	17° 1	8° 2	23°18	23°16	13°39	12°34	8°47	10°11	26° 0	23°58	S 20
M21	4 1 36	29° 2'02	10♈ 8	1♐17	7°45	17°46	8° 5	23°20	23°19	13°41	12°33	8°43	10° 8	26° 7	23°57	M21
T 22	4 5 33	0♐ 2'33	24°52	2°52	9° 0	18°32	8° 9	23°23	23°22	13°43	12°32	8°37	10° 5	26°13	23°55	T 22
W23	4 9 29	1° 3'06	9♉56	4°26	10°15	19°18	8°13	23°25	23°25	13°45	12°31	8°31	10° 2	26°20	23°54	W23
T 24	4 13 26	2° 3'40	25°12	6° 0	11°30	20° 4	8°18	23°28	23°28	13°48	12°30	8°26	9°58	26°27	23°52	T 24
F 25	4 17 22	3° 4'15	10♊29	7°34	12°45	20°50	8°22	23°31	23°32	13°50	12°29	8°22	9°55	26°33	23°50	F 25
S 26	4 21 19	4° 4'53	25°37	9° 8	14° 0	21°36	8°27	23°34	23°35	13°52	12°28	8°20	9°52	26°40	23°48	S 26
S 27	4 25 15	5° 5'31	10♋26	10°41	15°15	22°22	8°31	23°37	23°38	13°54	12°27	8°D19	9°49	26°47	23°46	S 27
M28	4 29 12	6° 6'11	24°51	12°15	16°30	23° 8	8°36	23°40	23°41	13°57	12°26	8°20	9°46	26°53	23°44	M28
T 29	4 33 8	7° 6'53	8♌49	13°48	17°45	23°54	8°42	23°43	23°44	13°59	12°24	8°21	9°42	27° 0	23°42	T 29
W30	4 37 5	8♐ 7'36	22♌19	15♐21	19♏ 0	24♑40	8♓47	23♒47	23♎47	14♐ 1	12♊23	8♑23	9♑39	27♏ 7	23♋39	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s28	18n30	1s43	9s37	1n32	3s35	1n38	24s51	1s27	9s59	1s20	15s14	1s25	8s 4	0n35	20s53	1n28	11n 1	11s24	23s 2	22s57	22s24	14n22	7s 0
W 2	14 47	14 11	2 47	10 17	1 26	4 3	1 38	24 50	1 27	9 59	1 19	15 14	1 25	8 6	0 35	20 53	1 28	11 1	11 24	23 2	22 57	22 25	14 22	7 0
T 3	15 6	9 20	3 40	10 56	1 21	4 32	1 38	24 48	1 27	9 59	1 19	15 14	1 25	8 7	0 35	20 53	1 28	11 0	11 24	23 2	22 58	22 26	14 21	7 1
F 4	15 25	4 12	4 22	11 36	1 15	5 0	1 38	24 47	1 27	9 58	1 19	15 13	1 25	8 8	0 35	20 54	1 28	11 0	11 24	23 3	22 58	22 27	14 20	7 2
S 5	15 43	0s59	4 49	12 15	1 9	5 28	1 38	24 45	1 27	9 58	1 19	15 13	1 25	8 10	0 35	20 54	1 28	11 0	11 24	23 3	22 58	22 28	14 20	7 2
S 6	16 1	6 3	5 3	12 53	1 2	5 57	1 38	24 43	1 27	9 58	1 19	15 12	1 24	8 11	0 35	20 54	1 28	11 0	11 25	23 4	22 58	22 29	14 19	7 3
M 7	16 19	10 50	5 3	13 31	0 56	6 25	1 38	24 40	1 27	9 57	1 18	15 12	1 24	8 12	0 35	20 54	1 28	11 0	11 25	23 4	22 59	22 30	14 18	7 4
T 8	16 36	15 9	4 50	14 9	0 49	6 53	1 38	24 38	1 27	9 56	1 18	15 12	1 24	8 14	0 35	20 55	1 28	10 59	11 25	23 5	22 59	22 31	14 18	7 4
W 9	16 53	18 51	4 24	14 45	0 43	7 21	1 38	24 35	1 27	9 56	1 18	15 11	1 24	8 15	0 35	20 55	1 28	10 59	11 25	23 6	22 59	22 32	14 17	7 5
T 10	17 10	21 45	3 47	15 21	0 36	7 48	1 38	24 31	1 26	9 55	1 18	15 11	1 24	8 16	0 36	20 55	1 28	10 59	11 25	23 7	22 59	22 33	14 17	7 6
F 11	17 27	23 44	2 59	15 57	0 29	8 16	1 37	24 28	1 26	9 54	1 18	15 10	1 24	8 18	0 36	20 56	1 28	10 59	11 25	23 7	23 0	22 35	14 16	7 6
S 12	17 43	24 39	2 4	16 31	0 23	8 43	1 37	24 24	1 26	9 53	1 17	15 9	1 24	8 19	0 36	20 56	1 28	10 59	11 25	23 8	23 0	22 36	14 16	7 7
S 13	17 59	24 27	1 4	17 5	0 16	9 11	1 36	24 20	1 26	9 52	1 17	15 9	1 24	8 20	0 36	20 56	1 28	10 58	11 25	23 8	23 0	22 37	14 15	7 8
M14	18 15	23 7	0n 0	17 37	0 9	9 38	1 36	24 16	1 26	9 51	1 17	15 8	1 24	8 21	0 36	20 56	1 28	10 58	11 25	23 8	23 0	22 38	14 15	7 8
T 15	18 30	20 43	1 5	18 9	0 2	10 4	1 35	24 11	1 26	9 50	1 17	15 7	1 24	8 23	0 36	20 57	1 28	10 58	11 25	23 8	23 1	22 39	14 14	7 9
W16	18 45	17 21	2 8	18 40	0s 5	10 31	1 34	24 6	1 25	9 49	1 17	15 7	1 24	8 24	0 36	20 57	1 28	10 58	11 25	23 8	23 1	22 40	14 14	7 10
T 17	19 0	13 7	3 7	19 10	0 11	10 57	1 33	24 1	1 25	9 48	1 16	15 6	1 24	8 25	0 36	20 57	1 28	10 58	11 25	23 8	23 1	22 41	14 13	7 10
F 18	19 15	8 12	3 58	19 39	0 18	11 24	1 32	23 56	1 25	9 46	1 16	15 5	1 24	8 26	0 36	20 58	1 28	10 58	11 25	23 8	23 1	22 42	14 13	7 11
S 19	19 29	2 46	4 37	20 8	0 25	11 50	1 31	23 50	1 25	9 45	1 16	15 4	1 24	8 28	0 36	20 58	1 28	10 57	11 25	23 8	23 2	22 43	14 12	7 11
S 20	19 42	2n59	5 3	20 35	0 31	12 15	1 30	23 44	1 25	9 44	1 16	15 3	1 23	8 29	0 36	20 58	1 28	10 57	11 25	23 8	23 2	22 44	14 12	7 12
M21	19 56	8 46	5 10	21 1	0 37	12 40	1 29	23 38	1 24	9 42	1 16	15 3	1 23	8 30	0 36	20 58	1 28	10 57	11 25	23 8	23 2	22 45	14 12	7 13
T 22	20 9	14 14	4 58	21 26	0 44	13 5	1 28	23 32	1 24	9 40	1 15	15 2	1 23	8 31	0 36	20 59	1 28	10 57	11 25	23 8	23 2	22 46	14 11	7 13
W23	20 21	18 59	4 25	21 50	0 50	13 30	1 27	23 25	1 24	9 39	1 15	15 1	1 23	8 32	0 36	20 59	1 28	10 57	11 25	23 9	23 3	22 47	14 11	7 14
T 24	20 33	22 30	3 33	22 13	0 56	13 55	1 26	23 18	1 24	9 37	1 15	15 0	1 23	8 33	0 36	20 59	1 28	10 57	11 25	23 9	23 3	22 48	14 11	7 15
F 25	20 45	24 25	2 26	22 35	1 2	14 19	1 24	23 11	1 23	9 35	1 15	14 59	1 23	8 35	0 36	21 0	1 28	10 57	11 25	23 9	23 3	22 49	14 10	7 15
S 26	20 57	24 30	1 9	22 55	1 8	14 42	1 23	23 4	1 23	9 33	1 15	14 58	1 23	8 36	0 36	21 0	1 28	10 56	11 25	23 10	23 3	22 50	14 10	7 16
S 27	21 8	22 49	0s12	23 15	1 14	15 6	1 22	22 56	1 23	9 31	1 14	14 57	1 23	8 37	0 36	21 0	1 28	10 56	11 25	23 10	23 4	22 50	14 10	7 16
M28	21 19	19 41	1 29	23 33	1 19	15 29	1 20	22 48	1 23	9 29	1 14	14 55	1 23	8 38	0 36	21 0	1 28	10 56	11 25	23 10	23 4	22 51	14 10	7 17
T 29	21 29	15 29	2 39	23 50	1 25	15 51	1 19	22 40	1 22	9 27	1 14	14 54	1 23	8 39	0 36	21 1	1 28	10 56	11 25	23 9	23 4	22 52	14 9	7 17
W30	21s39	10n37	3s38	24s 6	1s30	16s13	1n17	22s31	1s22	9s25	1s14	14s53	1s23	8s40	0n36	21s 1	1n28	10n56	11s25	23s 9	23s 4	22s53	14n 9	7s18

Julian Day Number = 2502983.5, Delta T = 115.59 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°42'29, Lahiri = 25°49'30

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ASTRODIENST EPHEMERIS for the year 2140
geocentric

DECEMBER 2140 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 41 2	9♐ 8'21	5♍23	16♐54	20♏15	25♑27	8♓52	23♒50	23♎50	14♐ 3	12°R22	8°R24	9♑36	27♏13	23°R37	T 1
F 2	4 44 58	10° 9'07	18° 6	18°27	21°30	26°13	8°58	23°54	23°53	14° 6	12♊21	8♑24	9°33	27°20	23♋35	F 2
S 3	4 48 55	11° 9'55	0♎31	20° 0	22°46	26°59	9° 4	23°57	23°56	14° 8	12°20	8°22	9°30	27°27	23°32	S 3
S 4	4 52 51	12°10'44	12°41	21°33	24° 1	27°46	9°10	24° 1	23°59	14°10	12°19	8°19	9°27	27°34	23°29	S 4
M 5	4 56 48	13°11'34	24°42	23° 6	25°16	28°32	9°16	24° 5	24° 1	14°12	12°18	8°15	9°23	27°40	23°27	M 5
T 6	5 0 44	14°12'26	6♏36	24°39	26°31	29°18	9°22	24° 8	24° 4	14°15	12°16	8°11	9°20	27°47	23°24	T 6
W 7	5 4 41	15°13'19	18°26	26°11	27°47	0♒ 5	9°29	24°12	24° 7	14°17	12°15	8° 7	9°17	27°54	23°21	W 7
T 8	5 8 37	16°14'14	0♐15	27°44	29° 2	0°51	9°36	24°16	24°10	14°19	12°14	8° 3	9°14	28° 0	23°18	T 8
F 9	5 12 34	17°15'09	12° 6	29°16	0♐17	1°38	9°43	24°21	24°12	14°21	12°13	8° 0	9°11	28° 7	23°15	F 9
S 10	5 16 31	18°16'06	23°59	0♑48	1°32	2°24	9°50	24°25	24°15	14°24	12°12	7°58	9° 8	28°14	23°12	S 10
S 11	5 20 27	19°17'03	5♑57	2°20	2°48	3°11	9°57	24°29	24°17	14°26	12°11	7°D58	9° 4	28°20	23° 9	S 11
M12	5 24 24	20°18'02	18° 2	3°52	4° 3	3°58	10° 4	24°33	24°20	14°28	12°10	7°58	9° 1	28°27	23° 6	M12
T 13	5 28 20	21°19'01	0♒16	5°23	5°18	4°44	10°12	24°38	24°22	14°30	12° 8	7°59	8°58	28°34	23° 3	T 13
W14	5 32 17	22°20'01	12°41	6°54	6°34	5°31	10°19	24°42	24°25	14°33	12° 7	8° 0	8°55	28°40	23° 0	W14
T 15	5 36 13	23°21'01	25°21	8°25	7°49	6°18	10°27	24°47	24°27	14°35	12° 6	8° 2	8°52	28°47	22°56	T 15
F 16	5 40 10	24°22'02	8♓18	9°56	9° 4	7° 5	10°35	24°52	24°30	14°37	12° 5	8° 3	8°48	28°54	22°53	F 16
S 17	5 44 6	25°23'03	21°35	11°25	10°20	7°51	10°43	24°56	24°32	14°39	12° 4	8°R 3	8°45	29° 0	22°49	S 17
S 18	5 48 3	26°24'05	5♈14	12°54	11°35	8°38	10°52	25° 1	24°34	14°42	12° 3	8° 3	8°42	29° 7	22°46	S 18
M19	5 52 0	27°25'07	19°16	14°22	12°50	9°25	11° 0	25° 6	24°36	14°44	12° 2	8° 3	8°39	29°14	22°42	M19
T 20	5 55 56	28°26'10	3♉41	15°50	14° 6	10°12	11° 9	25°11	24°39	14°46	12° 1	8° 2	8°36	29°20	22°39	T 20
W21	5 59 53	29°27'13	18°25	17°16	15°21	10°59	11°17	25°16	24°41	14°48	12° 0	8° 0	8°33	29°27	22°35	W21
T 22	6 3 49	0♑28'16	3♊22	18°40	16°37	11°46	11°26	25°21	24°43	14°50	11°59	8° 0	8°29	29°34	22°31	T 22
F 23	6 7 46	1°29'20	18°26	20° 3	17°52	12°33	11°35	25°26	24°45	14°53	11°57	7°59	8°26	29°40	22°27	F 23
S 24	6 11 42	2°30'24	3♋27	21°23	19° 7	13°19	11°44	25°32	24°47	14°55	11°56	7°D59	8°23	29°47	22°24	S 24
S 25	6 15 39	3°31'29	18°16	22°42	20°23	14° 6	11°54	25°37	24°49	14°57	11°55	7°59	8°20	29°54	22°20	S 25
M26	6 19 36	4°32'34	2♌47	23°57	21°38	14°53	12° 3	25°42	24°51	14°59	11°54	7°59	8°17	0♐ 0	22°16	M26
T 27	6 23 32	5°33'40	16°54	25° 9	22°54	15°40	12°12	25°48	24°52	15° 1	11°53	7°59	8°14	0° 7	22°12	T 27
W28	6 27 29	6°34'46	0♍34	26°18	24° 9	16°27	12°22	25°53	24°54	15° 3	11°52	7°59	8°10	0°14	22° 8	W28
T 29	6 31 25	7°35'53	13°48	27°21	25°24	17°14	12°32	25°59	24°56	15° 6	11°51	8°R 0	8° 7	0°20	22° 4	T 29
F 30	6 35 22	8°37'00	26°37	28°20	26°40	18° 1	12°42	26° 4	24°58	15° 8	11°50	8° 0	8° 4	0°27	22° 0	F 30
S 31	6 39 18	9♑38'08	9♎ 6	29♑12	27♐55	18♒48	12♓52	26♒10	24♎59	15♐10	11♊49	7°D59	8♑ 1	0♐34	21♋56	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s48	5n26	4s23	24s21	1s35	16s35	1n15	22s22	1s22	9s23	1s14	14s52	1s23	8s41	0n36	21s 1	1n28	10n56	11s25	23s 9	23s 4	22s54	14n 9	7s19
F 2	21 57	0 11	4 54	24 35	1 40	16 57	1 14	22 14	1 21	9 20	1 13	14 51	1 23	8 42	0 36	21 1	1 28	10 56	11 25	23 9	23 5	22 55	14 9	7 19
S 3	22 6	4s57	5 11	24 47	1 44	17 17	1 12	22 4	1 21	9 18	1 13	14 49	1 23	8 43	0 36	21 2	1 28	10 56	11 25	23 9	23 5	22 56	14 9	7 20
S 4	22 14	9 49	5 13	24 58	1 49	17 38	1 10	21 55	1 21	9 15	1 13	14 48	1 22	8 44	0 36	21 2	1 28	10 55	11 25	23 10	23 5	22 57	14 9	7 20
M 5	22 22	14 13	5 1	25 7	1 53	17 58	1 8	21 45	1 21	9 13	1 13	14 47	1 22	8 45	0 36	21 2	1 28	10 55	11 25	23 10	23 5	22 58	14 9	7 21
T 6	22 29	18 3	4 36	25 15	1 57	18 17	1 6	21 35	1 20	9 10	1 13	14 46	1 22	8 46	0 36	21 2	1 28	10 55	11 25	23 10	23 6	22 59	14 9	7 21
W 7	22 36	21 8	4 0	25 22	2 0	18 36	1 4	21 25	1 20	9 8	1 13	14 44	1 22	8 47	0 36	21 3	1 28	10 55	11 25	23 10	23 6	23 0	14 9	7 22
T 8	22 43	23 20	3 13	25 28	2 4	18 55	1 2	21 15	1 20	9 5	1 12	14 43	1 22	8 48	0 36	21 3	1 28	10 55	11 25	23 11	23 6	23 1	14 8	7 22
F 9	22 49	24 30	2 18	25 32	2 6	19 13	1 0	21 4	1 19	9 2	1 12	14 41	1 22	8 49	0 36	21 3	1 28	10 55	11 25	23 11	23 6	23 1	14 8	7 23
S 10	22 54	24 33	1 16	25 34	2 9	19 30	0 58	20 53	1 19	8 59	1 12	14 40	1 22	8 50	0 36	21 4	1 28	10 55	11 25	23 11	23 6	23 2	14 9	7 23
S 11	22 59	23 28	0 11	25 35	2 11	19 47	0 56	20 42	1 18	8 56	1 12	14 38	1 22	8 51	0 36	21 4	1 28	10 55	11 25	23 11	23 7	23 3	14 9	7 24
M12	23 4	21 17	0n55	25 35	2 13	20 3	0 54	20 31	1 18	8 54	1 12	14 37	1 22	8 52	0 36	21 4	1 28	10 55	11 25	23 11	23 7	23 4	14 9	7 24
T 13	23 8	18 7	2 0	25 34	2 15	20 19	0 52	20 19	1 18	8 51	1 11	14 35	1 22	8 53	0 36	21 4	1 28	10 55	11 25	23 11	23 7	23 5	14 9	7 25
W14	23 12	14 6	3 1	25 30	2 16	20 34	0 50	20 7	1 17	8 47	1 11	14 34	1 22	8 54	0 36	21 5	1 28	10 55	11 25	23 11	23 7	23 6	14 9	7 25
T 15	23 15	9 24	3 53	25 26	2 17	20 49	0 48	19 56	1 17	8 44	1 11	14 32	1 22	8 55	0 36	21 5	1 28	10 55	11 25	23 11	23 8	23 7	14 9	7 25
F 16	23 18	4 11	4 36	25 20	2 17	21 3	0 45	19 43	1 16	8 41	1 11	14 31	1 22	8 56	0 36	21 5	1 28	10 55	11 24	23 11	23 8	23 7	14 9	7 26
S 17	23 20	1n20	5 4	25 12	2 17	21 16	0 43	19 31	1 16	8 38	1 11	14 29	1 22	8 56	0 36	21 5	1 28	10 55	11 24	23 11	23 8	23 8	14 9	7 26
S 18	23 22	6 55	5 17	25 3	2 16	21 29	0 41	19 18	1 16	8 35	1 11	14 27	1 22	8 57	0 36	21 6	1 28	10 54	11 24	23 11	23 8	23 9	14 9	7 27
M19	23 24	12 20	5 11	24 53	2 15	21 41	0 38	19 5	1 15	8 31	1 10	14 26	1 22	8 58	0 36	21 6	1 28	10 54	11 24	23 11	23 8	23 10	14 10	7 27
T 20	23 25	17 13	4 46	24 41	2 13	21 53	0 36	18 52	1 15	8 28	1 10	14 24	1 22	8 59	0 36	21 6	1 28	10 54	11 24	23 11	23 9	23 11	14 10	7 27
W21	23 25	21 10	4 2	24 28	2 10	22 4	0 34	18 39	1 14	8 24	1 10	14 22	1 21	8 59	0 36	21 6	1 28	10 54	11 24	23 11	23 9	23 11	14 10	7 28
T 22	23 25	23 46	3 1	24 13	2 7	22 14	0 31	18 26	1 14	8 21	1 10	14 20	1 21	9 0	0 36	21 7	1 28	10 54	11 24	23 11	23 9	23 12	14 10	7 28
F 23	23 25	24 41	1 46	23 57	2 3	22 23	0 29	18 12	1 13	8 17	1 10	14 19	1 21	9 1	0 36	21 7	1 28	10 54	11 24	23 11	23 9	23 13	14 11	7 28
S 24	23 24	23 48	0 25	23 40	1 58	22 32	0 26	17 58	1 13	8 14	1 10	14 17	1 21	9 2	0 36	21 7	1 28	10 54	11 24	23 11	23 9	23 14	14 11	7 29
S 25	23 22	21 14	0s57	23 22	1 53	22 40	0 24	17 44	1 13	8 10	1 9	14 15	1 21	9 2	0 36	21 7	1 28	10 54	11 23	23 11	23 10	23 15	14 11	7 29
M26	23 21	17 21	2 14	23 3	1 46	22 48	0 22	17 30	1 12	8 6	1 9	14 13	1 21	9 3	0 36	21 7	1 28	10 54	11 23	23 11	23 10	23 15	14 11	7 29
T 27	23 18	12 35	3 20	22 42	1 39	22 55	0 19	17 16	1 12	8 2	1 9	14 11	1 21	9 4	0 36	21 8	1 28	10 54	11 23	23 11	23 10	23 16	14 12	7 30
W28	23 15	7 19	4 13	22 21	1 30	23 1	0 17	17 1	1 11	7 59	1 9	14 9	1 21	9 4	0 36	21 8	1 28	10 54	11 23	23 11	23 10	23 17	14 12	7 30
T 29	23 12	1 54	4 50	22 0	1 21	23 6	0 14	16 47	1 11	7 55	1 9	14 7	1 21	9 5	0 36	21 8	1 28	10 54	11 23	23 11	23 10	23 18	14 12	7 30
F 30	23 8	3s26	5 12	21 38	1 11	23 11	0 12	16 32	1 10	7 51	1 9	14 5	1 21	9 5	0 36	21 8	1 28	10 54	11 23	23 11	23 11	23 18	14 13	7 30
S 31	23s 4	8s28	5s18	21s16	0s59	23s15	0n 9	16s17	1s10	7s47	1s 9	14s 3	1s21	9s 6	0n36	21s 9	1n28	10n54	11s23	23s11	23s11	23s19	14n13	7s30

Julian Day Number = 2503013.5, Delta T = 115.64 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°42'34, Lahiri = 25°49'34

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ASTRODIENST EPHEMERIS for the year 2141
geocentric

JANUARY 2141 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 43 15	10♑39'16	21♎18	29♑58	29♐11	19♒35	13♓ 2	26♒16	25♎ 1	15♐12	11°R48	8♑ 0	7♑58	0♐40	21°R52	S 1
M 2	6 47 11	11°40'25	3♏17	0♒36	0♑26	20°22	13°12	26°22	25° 2	15°14	11♊47	8° 0	7°54	0°47	21♋48	M 2
T 3	6 51 8	12°41'34	15° 9	1° 6	1°42	21° 9	13°23	26°27	25° 4	15°16	11°46	8° 0	7°51	0°54	21°44	T 3
W 4	6 55 5	13°42'44	26°57	1°26	2°57	21°57	13°33	26°33	25° 5	15°18	11°45	8° 1	7°48	1° 1	21°39	W 4
T 5	6 59 1	14°43'54	8♐46	1°R35	4°12	22°44	13°44	26°39	25° 7	15°20	11°44	8° 2	7°45	1° 7	21°35	T 5
F 6	7 2 58	15°45'04	20°40	1°34	5°28	23°31	13°54	26°45	25° 8	15°22	11°43	8° 2	7°42	1°14	21°31	F 6
S 7	7 6 54	16°46'14	2♑40	1°21	6°43	24°18	14° 5	26°51	25° 9	15°24	11°43	8°R 3	7°39	1°21	21°27	S 7
S 8	7 10 51	17°47'24	14°48	0°56	7°59	25° 5	14°16	26°58	25°11	15°26	11°42	8° 3	7°35	1°27	21°23	S 8
M 9	7 14 47	18°48'34	27° 8	0°20	9°14	25°52	14°27	27° 4	25°12	15°28	11°41	8° 2	7°32	1°34	21°18	M 9
T 10	7 18 44	19°49'44	9♒39	29♑32	10°30	26°39	14°38	27°10	25°13	15°30	11°40	8° 1	7°29	1°41	21°14	T 10
W11	7 22 40	20°50'54	22°23	28°34	11°45	27°26	14°50	27°16	25°14	15°32	11°39	7°59	7°26	1°47	21°10	W11
T 12	7 26 37	21°52'03	5♓20	27°27	13° 1	28°13	15° 1	27°23	25°15	15°34	11°38	7°57	7°23	1°54	21° 6	T 12
F 13	7 30 34	22°53'12	18°31	26°14	14°16	29° 0	15°13	27°29	25°16	15°36	11°37	7°55	7°20	2° 1	21° 1	F 13
S 14	7 34 30	23°54'20	1♈56	24°56	15°31	29°47	15°24	27°36	25°17	15°38	11°36	7°53	7°16	2° 7	20°57	S 14
S 15	7 38 27	24°55'28	15°35	23°36	16°47	0♓35	15°36	27°42	25°17	15°40	11°36	7°52	7°13	2°14	20°53	S 15
M16	7 42 23	25°56'35	29°30	22°18	18° 2	1°22	15°48	27°48	25°18	15°42	11°35	7°D52	7°10	2°21	20°49	M16
T 17	7 46 20	26°57'41	13♉38	21° 2	19°18	2° 9	15°59	27°55	25°19	15°43	11°34	7°53	7° 7	2°27	20°44	T 17
W18	7 50 16	27°58'47	27°59	19°51	20°33	2°56	16°11	28° 2	25°20	15°45	11°33	7°54	7° 4	2°34	20°40	W18
T 19	7 54 13	28°59'52	12♊30	18°47	21°49	3°43	16°23	28° 8	25°20	15°47	11°33	7°55	7° 0	2°41	20°36	T 19
F 20	7 58 9	0♒ 0'56	27° 6	17°51	23° 4	4°30	16°35	28°15	25°21	15°49	11°32	7°57	6°57	2°47	20°32	F 20
S 21	8 2 6	1° 2'00	11♋44	17° 4	24°19	5°17	16°48	28°22	25°21	15°50	11°31	7°R57	6°54	2°54	20°28	S 21
S 22	8 6 3	2° 3'02	26°15	16°26	25°35	6° 4	17° 0	28°28	25°22	15°52	11°31	7°56	6°51	3° 1	20°24	S 22
M23	8 9 59	3° 4'05	10♌35	15°58	26°50	6°51	17°12	28°35	25°22	15°54	11°30	7°54	6°48	3° 7	20°19	M23
T 24	8 13 56	4° 5'06	24°38	15°39	28° 6	7°38	17°25	28°42	25°22	15°55	11°29	7°50	6°45	3°14	20°15	T 24
W25	8 17 52	5° 6'07	8♍19	15°29	29°21	8°25	17°37	28°49	25°23	15°57	11°29	7°46	6°41	3°21	20°11	W25
T 26	8 21 49	6° 7'07	21°37	15°D27	0♒36	9°12	17°50	28°56	25°23	15°59	11°28	7°41	6°38	3°27	20° 7	T 26
F 27	8 25 45	7° 8'07	4♎32	15°34	1°52	9°59	18° 2	29° 3	25°23	16° 0	11°27	7°37	6°35	3°34	20° 3	F 27
S 28	8 29 42	8° 9'06	17° 5	15°47	3° 7	10°46	18°15	29°10	25°23	16° 2	11°27	7°34	6°32	3°41	19°59	S 28
S 29	8 33 38	9°10'05	29°20	16° 8	4°22	11°33	18°28	29°16	25°R23	16° 3	11°26	7°32	6°29	3°47	19°55	S 29
M30	8 37 35	10°11'03	11♏21	16°34	5°38	12°20	18°41	29°23	25°23	16° 5	11°26	7°D31	6°26	3°54	19°51	M30
T 31	8 41 32	11♒12'00	23♏14	17♑ 6	6♒53	13♓ 7	18♓54	29♒30	25♎23	16♐ 6	11♊25	7♑32	6♑22	4♐ 1	19♋48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 0	13s 4	5s 9	20s54	0s46	23s18	0n 7	16s 2	1s 9	7s43	1s 8	14s 1	1s21	9s 7	0n36	21s 9	1n28	10n54	11s22	23s11	23s11	23s20	14n14	7s31
M 2	22 55	17 6	4 48	20 32	0 33	23 21	0 4	15 46	1 9	7 39	1 8	13 59	1 21	9 7	0 36	21 9	1 28	10 54	11 22	23 11	23 11	23 20	14 14	7 31
T 3	22 49	20 24	4 14	20 11	0 18	23 23	0 2	15 31	1 8	7 35	1 8	13 57	1 21	9 8	0 37	21 9	1 28	10 55	11 22	23 11	23 11	23 21	14 15	7 31
W 4	22 43	22 51	3 29	19 51	0 1	23 24	0s 1	15 15	1 8	7 30	1 8	13 55	1 21	9 8	0 37	21 9	1 28	10 55	11 22	23 11	23 11	23 22	14 15	7 31
T 5	22 36	24 19	2 36	19 32	0n16	23 24	0 3	14 59	1 7	7 26	1 8	13 53	1 21	9 9	0 37	21 10	1 28	10 55	11 22	23 11	23 12	23 23	14 16	7 31
F 6	22 30	24 40	1 35	19 15	0 34	23 24	0 5	14 43	1 7	7 22	1 8	13 51	1 21	9 9	0 37	21 10	1 28	10 55	11 22	23 11	23 12	23 23	14 16	7 31
S 7	22 22	23 54	0 30	19 0	0 52	23 23	0 8	14 27	1 6	7 18	1 8	13 49	1 21	9 10	0 37	21 10	1 28	10 55	11 21	23 11	23 12	23 24	14 17	7 32
S 8	22 14	21 59	0n37	18 46	1 11	23 21	0 10	14 11	1 5	7 13	1 7	13 47	1 21	9 10	0 37	21 10	1 28	10 55	11 21	23 11	23 12	23 25	14 17	7 32
M 9	22 6	19 1	1 44	18 35	1 31	23 19	0 13	13 54	1 5	7 9	1 7	13 45	1 21	9 10	0 37	21 10	1 28	10 55	11 21	23 11	23 12	23 25	14 18	7 32
T 10	21 57	15 9	2 46	18 27	1 50	23 15	0 15	13 38	1 4	7 5	1 7	13 43	1 21	9 11	0 37	21 11	1 28	10 55	11 21	23 11	23 13	23 26	14 18	7 32
W11	21 48	10 33	3 42	18 21	2 8	23 12	0 18	13 21	1 4	7 0	1 7	13 40	1 21	9 11	0 37	21 11	1 28	10 55	11 21	23 11	23 13	23 27	14 19	7 32
T 12	21 39	5 25	4 27	18 17	2 25	23 7	0 20	13 4	1 3	6 56	1 7	13 38	1 21	9 11	0 37	21 11	1 28	10 55	11 21	23 11	23 13	23 27	14 19	7 32
F 13	21 29	0n 2	4 58	18 16	2 41	23 2	0 22	12 47	1 3	6 51	1 7	13 36	1 21	9 12	0 37	21 11	1 28	10 55	11 20	23 11	23 13	23 28	14 20	7 32
S 14	21 18	5 35	5 14	18 16	2 54	22 56	0 25	12 30	1 2	6 46	1 7	13 34	1 21	9 12	0 37	21 11	1 28	10 55	11 20	23 11	23 13	23 29	14 20	7 32
S 15	21 8	10 57	5 13	18 19	3 6	22 49	0 27	12 13	1 2	6 42	1 7	13 32	1 21	9 12	0 37	21 11	1 28	10 55	11 20	23 11	23 13	23 29	14 21	7 32
M16	20 57	15 52	4 54	18 23	3 15	22 41	0 29	11 56	1 1	6 37	1 6	13 29	1 21	9 13	0 37	21 12	1 28	10 56	11 20	23 11	23 14	23 30	14 22	7 32
T 17	20 45	20 0	4 17	18 28	3 21	22 33	0 31	11 39	1 0	6 32	1 6	13 27	1 21	9 13	0 37	21 12	1 28	10 56	11 19	23 11	23 14	23 31	14 22	7 32
W18	20 33	23 0	3 23	18 34	3 25	22 24	0 34	11 21	1 0	6 28	1 6	13 25	1 21	9 13	0 37	21 12	1 28	10 56	11 19	23 11	23 14	23 31	14 23	7 32
T 19	20 21	24 31	2 16	18 42	3 26	22 15	0 36	11 4	0 59	6 23	1 6	13 22	1 21	9 13	0 37	21 12	1 28	10 56	11 19	23 11	23 14	23 32	14 24	7 32
F 20	20 8	24 23	0 59	18 50	3 26	22 5	0 38	10 46	0 59	6 18	1 6	13 20	1 21	9 13	0 37	21 12	1 28	10 56	11 19	23 11	23 14	23 32	14 24	7 32
S 21	19 55	22 33	0s21	18 59	3 23	21 54	0 40	10 28	0 58	6 13	1 6	13 18	1 21	9 14	0 37	21 12	1 28	10 56	11 19	23 11	23 14	23 33	14 25	7 32
S 22	19 41	19 16	1 39	19 8	3 18	21 42	0 42	10 10	0 57	6 8	1 6	13 15	1 21	9 14	0 37	21 13	1 28	10 56	11 18	23 11	23 15	23 34	14 26	7 32
M23	19 27	14 50	2 50	19 17	3 12	21 30	0 44	9 52	0 57	6 4	1 6	13 13	1 21	9 14	0 37	21 13	1 28	10 56	11 18	23 11	23 15	23 34	14 26	7 31
T 24	19 13	9 42	3 49	19 26	3 5	21 17	0 46	9 34	0 56	5 59	1 6	13 11	1 21	9 14	0 37	21 13	1 28	10 57	11 18	23 11	23 15	23 35	14 27	7 31
W25	18 59	4 13	4 33	19 36	2 57	21 4	0 48	9 16	0 56	5 54	1 6	13 8	1 21	9 14	0 37	21 13	1 28	10 57	11 18	23 12	23 15	23 35	14 28	7 31
T 26	18 44	1s18	5 1	19 45	2 48	20 49	0 50	8 58	0 55	5 49	1 5	13 6	1 21	9 14	0 37	21 13	1 28	10 57	11 17	23 12	23 15	23 36	14 29	7 31
F 27	18 28	6 35	5 13	19 54	2 38	20 35	0 52	8 40	0 54	5 44	1 5	13 4	1 21	9 14	0 37	21 13	1 28	10 57	11 17	23 12	23 15	23 36	14 29	7 31
S 28	18 13	11 28	5 9	20 2	2 28	20 19	0 54	8 21	0 54	5 39	1 5	13 1	1 21	9 14	0 37	21 13	1 28	10 57	11 17	23 12	23 16	23 37	14 30	7 31
S 29	17 57	15 46	4 51	20 10	2 18	20 3	0 56	8 3	0 53	5 33	1 5	12 59	1 21	9 14	0 37	21 14	1 28	10 57	11 17	23 12	23 16	23 38	14 31	7 30
M30	17 41	19 21	4 21	20 18	2 7	19 47	0 58	7 44	0 53	5 28	1 5	12 56	1 21	9 14	0 37	21 14	1 28	10 58	11 16	23 12	23 16	23 38	14 32	7 30
T 31	17s24	22s 6	3s39	20s25	1n56	19s30	0s59	7s26	0s52	5s23	1s 5	12s54	1s21	9s14	0n37	21s14	1n29	10n58	11s16	23s12	23s16	23s39	14n32	7s30

Julian Day Number = 2503044.5, Delta T = 115.70 sec
Ecliptic obliquity = 23°25'16, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°42'38, Lahiri = 25°49'38

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ASTRODIENST EPHEMERIS for the year 2141
geocentric

FEBRUARY 2141 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 45 28	12♒12'57	5♐ 2	17♑44	8♒ 8	13♓54	19♓ 7	29♒37	25°R23	16♐ 8	11°R25	7♑34	6♑19	4♐ 7	19°R44	W 1
T 2	8 49 25	13°13'53	16°52	18°26	9°24	14°41	19°20	29°45	25♎23	16° 9	11♊24	7°35	6°16	4°14	19♋40	T 2
F 3	8 53 21	14°14'49	28°48	19°12	10°39	15°27	19°33	29°52	25°23	16°11	11°24	7°37	6°13	4°21	19°36	F 3
S 4	8 57 18	15°15'43	10♑54	20° 2	11°55	16°14	19°46	29°59	25°22	16°12	11°23	7°R37	6°10	4°27	19°33	S 4
S 5	9 1 14	16°16'37	23°13	20°56	13°10	17° 1	20° 0	0♓ 6	25°22	16°14	11°23	7°36	6° 6	4°34	19°29	S 5
M 6	9 5 11	17°17'30	5♒47	21°53	14°25	17°48	20°13	0°13	25°22	16°15	11°23	7°33	6° 3	4°41	19°25	M 6
T 7	9 9 7	18°18'21	18°38	22°53	15°40	18°35	20°26	0°20	25°21	16°16	11°22	7°27	6° 0	4°47	19°22	T 7
W 8	9 13 4	19°19'12	1♓45	23°55	16°56	19°22	20°40	0°27	25°21	16°17	11°22	7°21	5°57	4°54	19°18	W 8
T 9	9 17 1	20°20'01	15° 7	25° 0	18°11	20° 8	20°53	0°35	25°20	16°19	11°22	7°13	5°54	5° 1	19°15	T 9
F 10	9 20 57	21°20'48	28°42	26° 8	19°26	20°55	21° 7	0°42	25°19	16°20	11°21	7° 5	5°51	5° 7	19°12	F 10
S 11	9 24 54	22°21'35	12♈28	27°17	20°42	21°42	21°21	0°49	25°19	16°21	11°21	6°59	5°47	5°14	19° 8	S 11
S 12	9 28 50	23°22'20	26°22	28°28	21°57	22°28	21°34	0°56	25°18	16°22	11°21	6°54	5°44	5°21	19° 5	S 12
M13	9 32 47	24°23'03	10♉22	29°41	23°12	23°15	21°48	1° 3	25°17	16°23	11°20	6°51	5°41	5°27	19° 2	M13
T 14	9 36 43	25°23'45	24°27	0♒56	24°27	24° 2	22° 2	1°11	25°16	16°24	11°20	6°D50	5°38	5°34	18°59	T 14
W15	9 40 40	26°24'25	8♊35	2°13	25°43	24°48	22°16	1°18	25°15	16°25	11°20	6°50	5°35	5°41	18°56	W15
T 16	9 44 36	27°25'03	22°44	3°30	26°58	25°35	22°29	1°25	25°15	16°27	11°20	6°51	5°32	5°47	18°53	T 16
F 17	9 48 33	28°25'40	6♋55	4°50	28°13	26°21	22°43	1°32	25°14	16°28	11°20	6°R52	5°28	5°54	18°50	F 17
S 18	9 52 30	29°26'15	21° 3	6°10	29°28	27° 8	22°57	1°40	25°12	16°28	11°20	6°51	5°25	6° 1	18°47	S 18
S 19	9 56 26	0♓26'48	5♌ 7	7°32	0♓43	27°54	23°11	1°47	25°11	16°29	11°19	6°48	5°22	6° 7	18°44	S 19
M20	10 0 23	1°27'20	19° 3	8°55	1°59	28°41	23°25	1°54	25°10	16°30	11°19	6°42	5°19	6°14	18°42	M20
T 21	10 4 19	2°27'50	2♍47	10°19	3°14	29°27	23°39	2° 1	25° 9	16°31	11°19	6°34	5°16	6°21	18°39	T 21
W22	10 8 16	3°28'18	16°16	11°45	4°29	0♈14	23°53	2° 9	25° 8	16°32	11°19	6°24	5°12	6°27	18°37	W22
T 23	10 12 12	4°28'45	29°26	13°11	5°44	1° 0	24° 7	2°16	25° 7	16°33	11°19	6°13	5° 9	6°34	18°34	T 23
F 24	10 16 9	5°29'11	12♎18	14°39	6°59	1°46	24°22	2°23	25° 5	16°34	11°D19	6° 3	5° 6	6°41	18°32	F 24
S 25	10 20 5	6°29'35	24°51	16° 8	8°14	2°32	24°36	2°30	25° 4	16°34	11°19	5°54	5° 3	6°47	18°30	S 25
S 26	10 24 2	7°29'57	7♏ 7	17°38	9°29	3°19	24°50	2°38	25° 2	16°35	11°19	5°47	5° 0	6°54	18°27	S 26
M27	10 27 59	8°30'19	19° 9	19° 9	10°44	4° 5	25° 4	2°45	25° 1	16°36	11°19	5°43	4°57	7° 1	18°25	M27
T 28	10 31 55	9♓30'39	1♐ 2	20♒41	11♓59	4♈51	25♓19	2♓52	24♎59	16♐36	11♊19	5♑41	4♑53	7♐ 7	18♋23	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s 7	23s53	2s49	20s31	1n45	19s12	1s 1	7s 7	0s51	5s18	1s 5	12s51	1s21	9s14	0n37	21s14	1n29	10n58	11s16	23s12	23s16	23s39	14n33	7s30
T 2	16 50	24 37	1 51	20 36	1 34	18 54	1 3	6 48	0 51	5 13	1 5	12 49	1 21	9 14	0 37	21 14	1 29	10 58	11 16	23 12	23 16	23 40	14 34	7 30
F 3	16 33	24 13	0 48	20 40	1 23	18 35	1 4	6 30	0 50	5 8	1 5	12 46	1 21	9 14	0 37	21 14	1 29	10 58	11 15	23 12	23 17	23 40	14 35	7 29
S 4	16 15	22 41	0n18	20 44	1 13	18 16	1 6	6 11	0 49	5 2	1 5	12 44	1 21	9 14	0 37	21 14	1 29	10 58	11 15	23 12	23 17	23 41	14 35	7 29
S 5	15 57	20 3	1 24	20 46	1 2	17 56	1 7	5 52	0 49	4 57	1 5	12 42	1 21	9 13	0 37	21 14	1 29	10 59	11 15	23 12	23 17	23 41	14 36	7 29
M 6	15 38	16 26	2 27	20 48	0 52	17 35	1 9	5 33	0 48	4 52	1 5	12 39	1 21	9 13	0 37	21 14	1 29	10 59	11 15	23 12	23 17	23 42	14 37	7 28
T 7	15 20	12 0	3 24	20 48	0 41	17 15	1 10	5 14	0 47	4 46	1 4	12 37	1 21	9 13	0 37	21 15	1 29	10 59	11 14	23 13	23 17	23 42	14 38	7 28
W 8	15 1	6 55	4 12	20 47	0 31	16 53	1 12	4 56	0 47	4 41	1 4	12 34	1 21	9 13	0 38	21 15	1 29	10 59	11 14	23 13	23 17	23 43	14 39	7 28
T 9	14 42	1 27	4 46	20 46	0 22	16 31	1 13	4 37	0 46	4 36	1 4	12 32	1 21	9 13	0 38	21 15	1 29	11 0	11 14	23 13	23 17	23 43	14 39	7 27
F 10	14 23	4n 9	5 5	20 43	0 12	16 9	1 14	4 18	0 45	4 30	1 4	12 29	1 21	9 12	0 38	21 15	1 29	11 0	11 14	23 14	23 18	23 44	14 40	7 27
S 11	14 3	9 38	5 7	20 39	0 3	15 46	1 15	3 59	0 45	4 25	1 4	12 26	1 21	9 12	0 38	21 15	1 29	11 0	11 13	23 14	23 18	23 44	14 41	7 27
S 12	13 43	14 41	4 51	20 33	0s 6	15 23	1 16	3 40	0 44	4 19	1 4	12 24	1 21	9 12	0 38	21 15	1 29	11 0	11 13	23 15	23 18	23 45	14 42	7 26
M13	13 23	19 0	4 18	20 27	0 15	15 0	1 18	3 21	0 43	4 14	1 4	12 21	1 21	9 11	0 38	21 15	1 29	11 0	11 13	23 15	23 18	23 45	14 42	7 26
T 14	13 3	22 14	3 28	20 19	0 24	14 36	1 19	3 1	0 43	4 8	1 4	12 19	1 21	9 11	0 38	21 15	1 29	11 1	11 13	23 15	23 18	23 45	14 43	7 26
W15	12 42	24 8	2 26	20 10	0 32	14 11	1 20	2 42	0 42	4 3	1 4	12 16	1 21	9 11	0 38	21 15	1 29	11 1	11 12	23 15	23 18	23 46	14 44	7 25
T 16	12 22	24 29	1 15	20 0	0 40	13 46	1 20	2 23	0 41	3 57	1 4	12 14	1 21	9 10	0 38	21 15	1 29	11 1	11 12	23 15	23 18	23 46	14 45	7 25
F 17	12 1	23 14	0s 0	19 49	0 48	13 21	1 21	2 4	0 41	3 52	1 4	12 11	1 21	9 10	0 38	21 15	1 29	11 1	11 12	23 15	23 18	23 47	14 46	7 24
S 18	11 40	20 32	1 16	19 36	0 55	12 56	1 22	1 45	0 40	3 46	1 4	12 9	1 22	9 10	0 38	21 15	1 29	11 2	11 12	23 15	23 19	23 47	14 47	7 24
S 19	11 18	16 37	2 26	19 22	1 2	12 30	1 23	1 26	0 39	3 41	1 4	12 6	1 22	9 9	0 38	21 15	1 29	11 2	11 11	23 15	23 19	23 48	14 47	7 23
M20	10 57	11 50	3 26	19 7	1 9	12 4	1 23	1 7	0 39	3 35	1 4	12 4	1 22	9 9	0 38	21 15	1 29	11 2	11 11	23 15	23 19	23 48	14 48	7 23
T 21	10 35	6 31	4 14	18 51	1 15	11 37	1 24	0 48	0 38	3 30	1 4	12 1	1 22	9 8	0 38	21 15	1 29	11 2	11 11	23 16	23 19	23 48	14 49	7 23
W22	10 14	1 1	4 46	18 33	1 21	11 10	1 25	0 29	0 37	3 24	1 4	11 58	1 22	9 8	0 38	21 15	1 29	11 3	11 10	23 16	23 19	23 49	14 50	7 22
T 23	9 52	4s24	5 2	18 14	1 27	10 43	1 25	0 10	0 37	3 18	1 4	11 56	1 22	9 7	0 38	21 16	1 29	11 3	11 10	23 17	23 19	23 49	14 50	7 22
F 24	9 30	9 30	5 3	17 54	1 33	10 16	1 25	0n 9	0 36	3 13	1 4	11 53	1 22	9 7	0 38	21 16	1 29	11 3	11 10	23 17	23 19	23 50	14 51	7 21
S 25	9 7	14 5	4 48	17 33	1 38	9 48	1 26	0 28	0 35	3 7	1 4	11 51	1 22	9 6	0 38	21 16	1 30	11 4	11 10	23 17	23 20	23 50	14 52	7 21
S 26	8 45	17 59	4 21	17 10	1 43	9 20	1 26	0 47	0 35	3 1	1 4	11 48	1 22	9 6	0 38	21 16	1 30	11 4	11 9	23 18	23 20	23 50	14 53	7 20
M27	8 22	21 3	3 42	16 46	1 47	8 52	1 26	1 6	0 34	2 56	1 4	11 46	1 22	9 5	0 38	21 16	1 30	11 4	11 9	23 18	23 20	23 51	14 54	7 20
T 28	8s 0	23s11	2s54	16s21	1s51	8s23	1s26	1n25	0s33	2s50	1s 3	11s43	1s22	9s 5	0n38	21s16	1n30	11n 4	11s 9	23s18	23s20	23s51	14n54	7s19

Julian Day Number = 2503075.5, Delta T = 115.75 sec
Ecliptic obliquity = 23°25'16, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°42'42, Lahiri = 25°49'43

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ASTRODIENST EPHEMERIS for the year 2141
geocentric

MARCH 2141 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 35 52	10♓30'57	12♐51	22♒14	13♓14	5♈37	25♓33	2♓59	24°R58	16♐37	11♊19	5°D41	4♑50	7♐14	18°R21	W 1
T 2	10 39 48	11°31'14	24°41	23°48	14°29	6°23	25°47	3° 7	24♎56	16°38	11°20	5♑41	4°47	7°21	18♋19	T 2
F 3	10 43 45	12°31'30	6♑37	25°23	15°44	7° 9	26° 1	3°14	24°55	16°38	11°20	5°R41	4°44	7°27	18°18	F 3
S 4	10 47 41	13°31'44	18°46	26°59	16°59	7°55	26°16	3°21	24°53	16°39	11°20	5°40	4°41	7°34	18°16	S 4
S 5	10 51 38	14°31'56	1♒10	28°36	18°14	8°41	26°30	3°28	24°51	16°39	11°20	5°38	4°38	7°41	18°14	S 5
M 6	10 55 34	15°32'07	13°55	0♓14	19°29	9°27	26°45	3°35	24°49	16°40	11°20	5°32	4°34	7°47	18°13	M 6
T 7	10 59 31	16°32'16	27° 1	1°53	20°44	10°13	26°59	3°43	24°48	16°40	11°21	5°24	4°31	7°54	18°11	T 7
W 8	11 3 28	17°32'24	10♓28	3°33	21°59	10°59	27°14	3°50	24°46	16°40	11°21	5°13	4°28	8° 1	18°10	W 8
T 9	11 7 24	18°32'29	24°16	5°15	23°14	11°45	27°28	3°57	24°44	16°41	11°21	5° 1	4°25	8° 7	18° 9	T 9
F 10	11 11 21	19°32'33	8♈18	6°57	24°29	12°31	27°43	4° 4	24°42	16°41	11°21	4°50	4°22	8°14	18° 8	F 10
S 11	11 15 17	20°32'35	22°32	8°41	25°44	13°16	27°57	4°11	24°40	16°41	11°22	4°39	4°18	8°20	18° 7	S 11
S 12	11 19 14	21°32'35	6♉51	10°26	26°59	14° 2	28°11	4°18	24°38	16°42	11°22	4°30	4°15	8°27	18° 6	S 12
M13	11 23 10	22°32'32	21°10	12°11	28°14	14°48	28°26	4°25	24°36	16°42	11°22	4°24	4°12	8°34	18° 5	M13
T 14	11 27 7	23°32'28	5♊25	13°58	29°28	15°33	28°41	4°32	24°34	16°42	11°23	4°21	4° 9	8°40	18° 4	T 14
W15	11 31 3	24°32'21	19°34	15°47	0♈43	16°19	28°55	4°39	24°32	16°42	11°23	4°20	4° 6	8°47	18° 3	W15
T 16	11 35 0	25°32'12	3♋37	17°36	1°58	17° 5	29°10	4°46	24°30	16°42	11°24	4°20	4° 3	8°54	18° 3	T 16
F 17	11 38 57	26°32'01	17°31	19°26	3°13	17°50	29°24	4°53	24°28	16°42	11°24	4°20	3°59	9° 0	18° 2	F 17
S 18	11 42 53	27°31'48	1♌18	21°18	4°27	18°35	29°39	5° 0	24°25	16°42	11°25	4°18	3°56	9° 7	18° 2	S 18
S 19	11 46 50	28°31'32	14°57	23°11	5°42	19°21	29°53	5° 7	24°23	16°R42	11°25	4°13	3°53	9°14	18° 2	S 19
M20	11 50 46	29°31'14	28°26	25° 5	6°57	20° 6	0♈ 8	5°14	24°21	16°42	11°26	4° 6	3°50	9°20	18° 1	M20
T 21	11 54 43	0♈30'54	11♍46	27° 0	8°11	20°52	0°22	5°21	24°19	16°42	11°26	3°55	3°47	9°27	18° 1	T 21
W22	11 58 39	1°30'32	24°53	28°56	9°26	21°37	0°37	5°27	24°16	16°42	11°27	3°43	3°43	9°34	18°D 1	W22
T 23	12 2 36	2°30'07	7♎47	0♈54	10°41	22°22	0°51	5°34	24°14	16°42	11°27	3°29	3°40	9°40	18° 1	T 23
F 24	12 6 32	3°29'41	20°26	2°52	11°55	23° 7	1° 6	5°41	24°12	16°42	11°28	3°16	3°37	9°47	18° 2	F 24
S 25	12 10 29	4°29'13	2♏51	4°51	13°10	23°52	1°20	5°48	24° 9	16°42	11°28	3° 4	3°34	9°54	18° 2	S 25
S 26	12 14 25	5°28'43	15° 3	6°51	14°24	24°37	1°35	5°54	24° 7	16°41	11°29	2°54	3°31	10° 0	18° 2	S 26
M27	12 18 22	6°28'11	27° 2	8°52	15°39	25°22	1°50	6° 1	24° 5	16°41	11°30	2°47	3°28	10° 7	18° 3	M27
T 28	12 22 19	7°27'38	8♐54	10°54	16°53	26° 7	2° 4	6° 8	24° 2	16°41	11°30	2°43	3°24	10°14	18° 3	T 28
W29	12 26 15	8°27'02	20°42	12°56	18° 8	26°52	2°19	6°14	24° 0	16°41	11°31	2°41	3°21	10°20	18° 4	W29
T 30	12 30 12	9°26'25	2♑32	14°58	19°22	27°37	2°33	6°21	23°57	16°40	11°32	2°41	3°18	10°27	18° 5	T 30
F 31	12 34 8	10♈25'46	14♑27	17♈ 1	20♈37	28♈22	2♈48	6♓27	23♎55	16♐40	11♊33	2♑41	3♑15	10♐34	18♋ 5	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s37	24s17	1s59	15s54	1s55	7s55	1s26	1n44	0s33	2s44	1s 3	11s41	1s22	9s 4	0n38	21s16	1n30	11n 5	11s 8	23s18	23s20	23s51	14n55	7s19
T 2	7 14	24 17	0 58	15 27	1 58	7 26	1 26	2 3	0 32	2 39	1 3	11 38	1 22	9 3	0 38	21 16	1 30	11 5	11 8	23 18	23 20	23 52	14 56	7 18
F 3	6 51	23 10	0n 5	14 58	2 1	6 57	1 26	2 22	0 31	2 33	1 3	11 36	1 22	9 3	0 38	21 16	1 30	11 5	11 8	23 18	23 20	23 52	14 57	7 17
S 4	6 28	20 58	1 9	14 27	2 4	6 27	1 26	2 40	0 30	2 27	1 3	11 33	1 22	9 2	0 38	21 16	1 30	11 6	11 8	23 18	23 20	23 52	14 57	7 17
S 5	6 5	17 45	2 11	13 56	2 6	5 58	1 26	2 59	0 30	2 22	1 3	11 30	1 23	9 2	0 38	21 16	1 30	11 6	11 7	23 18	23 20	23 53	14 58	7 16
M 6	5 42	13 38	3 8	13 23	2 8	5 28	1 26	3 18	0 29	2 16	1 3	11 28	1 23	9 1	0 38	21 16	1 30	11 6	11 7	23 18	23 21	23 53	14 59	7 16
T 7	5 19	8 47	3 57	12 49	2 10	4 59	1 26	3 37	0 28	2 10	1 3	11 25	1 23	9 0	0 38	21 16	1 30	11 6	11 7	23 19	23 21	23 53	15 0	7 15
W 8	4 55	3 24	4 34	12 13	2 11	4 29	1 25	3 55	0 28	2 4	1 3	11 23	1 23	9 0	0 38	21 16	1 30	11 7	11 7	23 19	23 21	23 54	15 0	7 15
T 9	4 32	2n15	4 56	11 37	2 11	3 59	1 25	4 14	0 27	1 59	1 3	11 20	1 23	8 59	0 38	21 16	1 30	11 7	11 6	23 20	23 21	23 54	15 1	7 14
F 10	4 8	7 54	5 1	10 59	2 11	3 29	1 24	4 32	0 26	1 53	1 3	11 18	1 23	8 58	0 38	21 16	1 30	11 7	11 6	23 20	23 21	23 54	15 2	7 13
S 11	3 45	13 12	4 47	10 20	2 11	2 59	1 24	4 51	0 26	1 47	1 3	11 15	1 23	8 57	0 38	21 16	1 30	11 8	11 6	23 20	23 21	23 55	15 3	7 13
S 12	3 21	17 48	4 15	9 40	2 10	2 28	1 23	5 9	0 25	1 41	1 3	11 13	1 23	8 57	0 38	21 16	1 30	11 8	11 5	23 21	23 21	23 55	15 3	7 12
M13	2 57	21 22	3 27	8 58	2 9	1 58	1 22	5 27	0 24	1 35	1 3	11 10	1 23	8 56	0 38	21 16	1 30	11 8	11 5	23 21	23 21	23 55	15 4	7 12
T 14	2 34	23 36	2 27	8 16	2 8	1 27	1 22	5 45	0 24	1 30	1 3	11 8	1 23	8 55	0 38	21 16	1 30	11 9	11 5	23 21	23 21	23 55	15 5	7 11
W15	2 10	24 18	1 17	7 32	2 6	0 57	1 21	6 4	0 23	1 24	1 3	11 5	1 23	8 54	0 38	21 16	1 30	11 9	11 5	23 21	23 21	23 56	15 5	7 10
T 16	1 46	23 26	0 4	6 47	2 3	0 26	1 20	6 22	0 22	1 18	1 3	11 3	1 24	8 54	0 38	21 16	1 30	11 9	11 4	23 21	23 22	23 56	15 6	7 10
F 17	1 23	21 8	1s 9	6 1	2 0	0n 4	1 19	6 40	0 21	1 12	1 3	11 1	1 24	8 53	0 38	21 15	1 30	11 10	11 4	23 21	23 22	23 56	15 7	7 9
S 18	0 59	17 37	2 17	5 14	1 56	0 35	1 18	6 58	0 21	1 7	1 3	10 58	1 24	8 52	0 38	21 15	1 30	11 10	11 4	23 21	23 22	23 56	15 7	7 9
S 19	0 35	13 12	3 17	4 25	1 52	1 5	1 17	7 15	0 20	1 1	1 3	10 56	1 24	8 51	0 38	21 15	1 31	11 10	11 4	23 21	23 22	23 57	15 8	7 8
M20	0 11	8 11	4 5	3 36	1 47	1 36	1 16	7 33	0 19	0 55	1 3	10 53	1 24	8 50	0 38	21 15	1 31	11 11	11 3	23 21	23 22	23 57	15 9	7 7
T 21	0n12	2 51	4 38	2 45	1 42	2 6	1 15	7 51	0 19	0 49	1 3	10 51	1 24	8 49	0 38	21 15	1 31	11 11	11 3	23 22	23 22	23 57	15 9	7 7
W22	0 36	2s30	4 56	1 54	1 37	2 37	1 13	8 8	0 18	0 44	1 3	10 48	1 24	8 49	0 38	21 15	1 31	11 11	11 3	23 22	23 22	23 57	15 10	7 6
T 23	1 0	7 40	4 59	1 2	1 30	3 7	1 12	8 26	0 17	0 38	1 3	10 46	1 24	8 48	0 38	21 15	1 31	11 12	11 3	23 23	23 22	23 57	15 11	7 6
F 24	1 23	12 24	4 47	0 8	1 24	3 37	1 11	8 43	0 17	0 32	1 3	10 44	1 24	8 47	0 38	21 15	1 31	11 12	11 2	23 23	23 22	23 58	15 11	7 5
S 25	1 47	16 32	4 21	0n46	1 16	4 8	1 9	9 1	0 16	0 26	1 4	10 41	1 25	8 46	0 38	21 15	1 31	11 12	11 2	23 23	23 22	23 58	15 12	7 4
S 26	2 10	19 54	3 44	1 40	1 9	4 38	1 8	9 18	0 15	0 21	1 4	10 39	1 25	8 45	0 38	21 15	1 31	11 13	11 2	23 23	23 22	23 58	15 12	7 4
M27	2 34	22 21	2 57	2 36	1 0	5 8	1 7	9 35	0 15	0 15	1 4	10 37	1 25	8 44	0 38	21 15	1 31	11 13	11 2	23 24	23 23	23 58	15 13	7 3
T 28	2 57	23 47	2 2	3 31	0 51	5 38	1 5	9 52	0 14	0 9	1 4	10 34	1 25	8 43	0 38	21 15	1 31	11 13	11 1	23 24	23 23	23 58	15 13	7 2
W29	3 21	24 9	1 3	4 27	0 42	6 8	1 3	10 9	0 13	0 3	1 4	10 32	1 25	8 42	0 38	21 15	1 31	11 14	11 1	23 24	23 23	23 59	15 14	7 2
T 30	3 44	23 25	0 1	5 24	0 32	6 37	1 2	10 26	0 12	0n 2	1 4	10 30	1 25	8 42	0 38	21 15	1 31	11 14	11 1	23 24	23 23	23 59	15 15	7 1
F 31	4n 8	21s37	1n 2	6n20	0s22	7n 7	1s 0	10n42	0s12	0n 8	1s 4	10s28	1s25	8s41	0n38	21s15	1n31	11n14	11s 1	23s24	23s23	23s59	15n15	7s 1

Julian Day Number = 2503103.5, Delta T = 115.80 sec
Ecliptic obliquity = 23°25'17, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°42'46, Lahiri = 25°49'46

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ASTRODIENST EPHEMERIS for the year 2141
geocentric

APRIL 2141 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 5	11♈25'06	26♑35	19♈ 3	21♈51	29♈ 7	3♈ 2	6♓33	23°R52	16°R39	11♊33	2°R40	3♑12	10♐40	18♋ 6	S 1
S 2	12 42 1	12°24'23	9♒ 1	21° 5	23° 6	29°52	3°16	6°40	23♎50	16♐39	11°34	2♑37	3° 9	10°47	18° 7	S 2
M 3	12 45 58	13°23'39	21°48	23° 5	24°20	0♉36	3°31	6°46	23°47	16°38	11°35	2°33	3° 5	10°54	18° 8	M 3
T 4	12 49 54	14°22'53	5♓ 0	25° 5	25°34	1°21	3°45	6°52	23°45	16°38	11°36	2°25	3° 2	11° 0	18°10	T 4
W 5	12 53 51	15°22'05	18°39	27° 3	26°49	2° 6	4° 0	6°59	23°42	16°37	11°36	2°15	2°59	11° 7	18°11	W 5
T 6	12 57 48	16°21'15	2♈42	29° 0	28° 3	2°50	4°14	7° 5	23°40	16°37	11°37	2° 4	2°56	11°14	18°12	T 6
F 7	13 1 44	17°20'23	17° 6	0♉54	29°17	3°35	4°28	7°11	23°37	16°36	11°38	1°52	2°53	11°20	18°14	F 7
S 8	13 5 41	18°19'29	1♉45	2°45	0♉31	4°19	4°43	7°17	23°34	16°36	11°39	1°42	2°49	11°27	18°15	S 8
S 9	13 9 37	19°18'33	16°29	4°34	1°46	5° 4	4°57	7°23	23°32	16°35	11°40	1°33	2°46	11°34	18°17	S 9
M10	13 13 34	20°17'35	1♊13	6°19	3° 0	5°48	5°11	7°29	23°29	16°34	11°41	1°28	2°43	11°40	18°19	M10
T 11	13 17 30	21°16'35	15°49	8° 1	4°14	6°32	5°26	7°35	23°27	16°33	11°42	1°25	2°40	11°47	18°21	T 11
W12	13 21 27	22°15'32	0♋13	9°38	5°28	7°17	5°40	7°41	23°24	16°33	11°43	1°D24	2°37	11°53	18°23	W12
T 13	13 25 23	23°14'28	14°21	11°11	6°42	8° 1	5°54	7°47	23°22	16°32	11°44	1°24	2°34	12° 0	18°25	T 13
F 14	13 29 20	24°13'21	28°14	12°40	7°56	8°45	6° 8	7°53	23°19	16°31	11°45	1°R24	2°30	12° 7	18°27	F 14
S 15	13 33 17	25°12'11	11♌52	14° 3	9°11	9°29	6°22	7°58	23°16	16°30	11°46	1°23	2°27	12°13	18°29	S 15
S 16	13 37 13	26°10'59	25°15	15°22	10°25	10°13	6°37	8° 4	23°14	16°29	11°47	1°20	2°24	12°20	18°31	S 16
M17	13 41 10	27° 9'45	8♍25	16°35	11°39	10°57	6°51	8°10	23°11	16°29	11°48	1°14	2°21	12°27	18°34	M17
T 18	13 45 6	28° 8'29	21°23	17°43	12°53	11°41	7° 5	8°15	23° 9	16°28	11°49	1° 5	2°18	12°33	18°36	T 18
W19	13 49 3	29° 7'10	4♎10	18°46	14° 6	12°25	7°19	8°21	23° 6	16°27	11°50	0°55	2°14	12°40	18°39	W19
T 20	13 52 59	0♉ 5'50	16°44	19°43	15°20	13° 9	7°33	8°26	23° 4	16°26	11°51	0°44	2°11	12°47	18°41	T 20
F 21	13 56 56	1° 4'28	29° 7	20°34	16°34	13°53	7°47	8°32	23° 1	16°25	11°52	0°33	2° 8	12°53	18°44	F 21
S 22	14 0 52	2° 3'03	11♏20	21°20	17°48	14°37	8° 1	8°37	22°58	16°24	11°53	0°23	2° 5	13° 0	18°47	S 22
S 23	14 4 49	3° 1'37	23°23	21°59	19° 2	15°20	8°14	8°42	22°56	16°23	11°54	0°15	2° 2	13° 7	18°50	S 23
M24	14 8 46	4° 0'09	5♐18	22°33	20°16	16° 4	8°28	8°47	22°53	16°22	11°55	0°10	1°59	13°13	18°53	M24
T 25	14 12 42	4°58'39	17° 7	23° 1	21°30	16°48	8°42	8°52	22°51	16°20	11°56	0° 7	1°55	13°20	18°56	T 25
W26	14 16 39	5°57'08	28°54	23°23	22°43	17°31	8°56	8°57	22°48	16°19	11°57	0°D 6	1°52	13°27	18°59	W26
T 27	14 20 35	6°55'35	10♑43	23°39	23°57	18°15	9° 9	9° 2	22°46	16°18	11°58	0° 6	1°49	13°33	19° 2	T 27
F 28	14 24 32	7°54'00	22°39	23°49	25°11	18°58	9°23	9° 7	22°43	16°17	12° 0	0° 7	1°46	13°40	19° 6	F 28
S 29	14 28 28	8°52'24	4♒46	23°R54	26°24	19°42	9°37	9°12	22°41	16°16	12° 1	0°R 8	1°43	13°47	19° 9	S 29
S 30	14 32 25	9♉50'46	17♒ 9	23♉53	27♉38	20♉25	9♈50	9♓17	22♎39	16♐15	12♊ 2	0♑ 8	1♑40	13♐53	19♋12	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n31	18s48	2n 3	7n17	0s12	7n36	0s58	10n59	0s11	0n14	1s 4	10s25	1s25	8s40	0n38	21s15	1n31	11n15	11s 0	23s24	23s23	23s59	15n16	7s 0
S 2	4 54	15 6	3 0	8 12	0 1	8 6	0 56	11 15	0 10	0 19	1 4	10 23	1 26	8 39	0 38	21 14	1 31	11 15	11 0	23 24	23 23	23 59	15 16	6 59
M 3	5 17	10 37	3 49	9 8	0n11	8 35	0 55	11 31	0 10	0 25	1 4	10 21	1 26	8 38	0 38	21 14	1 31	11 15	11 0	23 24	23 23	23 59	15 17	6 59
T 4	5 40	5 30	4 28	10 3	0 22	9 4	0 53	11 48	0 9	0 31	1 4	10 19	1 26	8 37	0 38	21 14	1 31	11 16	11 0	23 24	23 23	24 0	15 17	6 58
W 5	6 3	0n 1	4 53	10 56	0 33	9 32	0 51	12 4	0 8	0 37	1 4	10 16	1 26	8 36	0 38	21 14	1 31	11 16	10 59	23 24	23 23	24 0	15 17	6 57
T 6	6 26	5 41	5 1	11 49	0 45	10 1	0 49	12 20	0 8	0 42	1 4	10 14	1 26	8 35	0 38	21 14	1 31	11 16	10 59	23 24	23 23	24 0	15 18	6 57
F 7	6 48	11 11	4 51	12 40	0 57	10 29	0 47	12 35	0 7	0 48	1 4	10 12	1 26	8 34	0 38	21 14	1 31	11 17	10 59	23 24	23 23	24 0	15 18	6 56
S 8	7 11	16 9	4 22	13 29	1 8	10 57	0 45	12 51	0 6	0 53	1 4	10 10	1 26	8 33	0 38	21 14	1 31	11 17	10 59	23 25	23 23	24 0	15 19	6 56
S 9	7 33	20 11	3 34	14 17	1 19	11 25	0 43	13 7	0 6	0 59	1 4	10 8	1 27	8 32	0 38	21 14	1 31	11 17	10 58	23 25	23 24	24 0	15 19	6 55
M10	7 55	22 53	2 33	15 2	1 30	11 52	0 40	13 22	0 5	1 5	1 4	10 6	1 27	8 31	0 38	21 14	1 31	11 18	10 58	23 25	23 24	24 0	15 20	6 54
T 11	8 18	24 1	1 22	15 46	1 41	12 19	0 38	13 37	0 4	1 10	1 4	10 4	1 27	8 30	0 38	21 14	1 31	11 18	10 58	23 25	23 24	24 0	15 20	6 54
W12	8 40	23 32	0 6	16 27	1 51	12 46	0 36	13 52	0 4	1 16	1 4	10 2	1 27	8 29	0 38	21 13	1 32	11 18	10 58	23 25	23 24	24 0	15 20	6 53
T 13	9 1	21 31	1s 8	17 5	2 1	13 13	0 34	14 7	0 3	1 21	1 4	10 0	1 27	8 28	0 38	21 13	1 32	11 19	10 58	23 25	23 24	24 0	15 21	6 52
F 14	9 23	18 15	2 18	17 41	2 10	13 39	0 32	14 22	0 2	1 27	1 4	9 58	1 27	8 27	0 38	21 13	1 32	11 19	10 57	23 25	23 24	24 0	15 21	6 52
S 15	9 45	14 3	3 18	18 15	2 18	14 5	0 29	14 37	0 2	1 33	1 5	9 56	1 28	8 27	0 38	21 13	1 32	11 19	10 57	23 25	23 24	24 1	15 21	6 51
S 16	10 6	9 14	4 6	18 45	2 26	14 30	0 27	14 51	0 1	1 38	1 5	9 54	1 28	8 26	0 38	21 13	1 32	11 20	10 57	23 25	23 24	24 1	15 22	6 51
M17	10 27	4 4	4 40	19 13	2 33	14 55	0 25	15 6	0 0	1 44	1 5	9 52	1 28	8 25	0 38	21 13	1 32	11 20	10 57	23 25	23 24	24 1	15 22	6 50
T 18	10 48	1s11	4 59	19 39	2 39	15 20	0 22	15 20	0n 0	1 49	1 5	9 50	1 28	8 24	0 38	21 13	1 32	11 20	10 57	23 25	23 24	24 1	15 22	6 49
W19	11 9	6 17	5 3	20 1	2 44	15 45	0 20	15 34	0 1	1 54	1 5	9 48	1 28	8 23	0 38	21 13	1 32	11 21	10 56	23 25	23 24	24 1	15 22	6 49
T 20	11 30	11 4	4 52	20 21	2 48	16 9	0 17	15 48	0 2	2 0	1 5	9 46	1 28	8 22	0 38	21 12	1 32	11 21	10 56	23 25	23 24	24 1	15 23	6 48
F 21	11 50	15 19	4 27	20 37	2 51	16 32	0 15	16 2	0 2	2 5	1 5	9 44	1 28	8 21	0 38	21 12	1 32	11 21	10 56	23 25	23 24	24 1	15 23	6 48
S 22	12 11	18 52	3 50	20 51	2 53	16 56	0 12	16 15	0 3	2 11	1 5	9 42	1 29	8 20	0 38	21 12	1 32	11 21	10 56	23 25	23 24	24 1	15 23	6 47
S 23	12 31	21 34	3 4	21 3	2 53	17 18	0 10	16 29	0 4	2 16	1 5	9 40	1 29	8 19	0 38	21 12	1 32	11 22	10 56	23 25	23 24	24 1	15 23	6 46
M24	12 51	23 17	2 9	21 11	2 53	17 41	0 7	16 42	0 4	2 21	1 5	9 39	1 29	8 18	0 38	21 12	1 32	11 22	10 55	23 25	23 24	24 1	15 23	6 46
T 25	13 10	23 57	1 9	21 16	2 51	18 3	0 5	16 55	0 5	2 27	1 5	9 37	1 29	8 17	0 38	21 12	1 32	11 22	10 55	23 25	23 24	24 1	15 24	6 45
W26	13 30	23 31	0 6	21 19	2 48	18 24	0 2	17 8	0 6	2 32	1 5	9 35	1 29	8 16	0 38	21 12	1 32	11 23	10 55	23 25	23 24	24 1	15 24	6 45
T 27	13 49	22 3	0n57	21 19	2 44	18 45	0n 0	17 21	0 6	2 37	1 5	9 33	1 30	8 15	0 38	21 11	1 32	11 23	10 55	23 25	23 25	24 1	15 24	6 44
F 28	14 8	19 34	1 59	21 17	2 39	19 5	0 3	17 33	0 7	2 43	1 6	9 32	1 30	8 14	0 38	21 11	1 32	11 23	10 55	23 25	23 25	24 1	15 24	6 44
S 29	14 27	16 13	2 56	21 11	2 32	19 25	0 5	17 46	0 7	2 48	1 6	9 30	1 30	8 14	0 38	21 11	1 32	11 24	10 55	23 25	23 25	24 1	15 24	6 43
S 30	14n45	12s 5	3n46	21n 3	2n24	19n45	0n 8	17n58	0n 8	2n53	1s 6	9s29	1s30	8s13	0n38	21s11	1n32	11n24	10s54	23s25	23s25	24s 1	15n24	6s42

Julian Day Number = 2503134.5, Delta T = 115.86 sec
Ecliptic obliquity = 23°25'16, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°42'50, Lahiri = 25°49'51

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ASTRODIENST EPHEMERIS for the year 2141
geocentric

MAY 2141 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 36 21	10♉49'06	29♒54	23°R46	28♉52	21♉ 8	10♈ 4	9♓22	22°R36	16°R13	12♊ 3	0°R 6	1♑36	14♐ 0	19♋16	M 1
T 2	14 40 18	11°47'25	13♓ 5	23♉35	0♊ 5	21°52	10°17	9°26	22♎34	16♐12	12° 4	0♑ 2	1°33	14° 7	19°20	T 2
W 3	14 44 15	12°45'43	26°44	23°18	1°19	22°35	10°31	9°31	22°31	16°11	12° 6	29♐57	1°30	14°13	19°23	W 3
T 4	14 48 11	13°43'58	10♈51	22°57	2°32	23°18	10°44	9°35	22°29	16°10	12° 7	29°50	1°27	14°20	19°27	T 4
F 5	14 52 8	14°42'13	25°22	22°33	3°46	24° 1	10°57	9°40	22°27	16° 8	12° 8	29°43	1°24	14°26	19°31	F 5
S 6	14 56 4	15°40'26	10♉13	22° 4	4°59	24°44	11°10	9°44	22°24	16° 7	12° 9	29°36	1°20	14°33	19°35	S 6
S 7	15 0 1	16°38'37	25°16	21°33	6°13	25°27	11°24	9°48	22°22	16° 6	12°10	29°31	1°17	14°40	19°39	S 7
M 8	15 3 57	17°36'46	10♊20	21° 0	7°26	26°10	11°37	9°52	22°20	16° 4	12°12	29°28	1°14	14°46	19°43	M 8
T 9	15 7 54	18°34'54	25°17	20°24	8°40	26°53	11°50	9°56	22°18	16° 3	12°13	29°D26	1°11	14°53	19°47	T 9
W10	15 11 50	19°33'00	10♋ 0	19°48	9°53	27°36	12° 3	10° 0	22°15	16° 1	12°14	29°27	1° 8	15° 0	19°51	W10
T 11	15 15 47	20°31'03	24°23	19°11	11° 6	28°19	12°16	10° 4	22°13	16° 0	12°16	29°28	1° 5	15° 6	19°55	T 11
F 12	15 19 44	21°29'05	8♌25	18°34	12°20	29° 2	12°29	10° 8	22°11	15°59	12°17	29°29	1° 1	15°13	20° 0	F 12
S 13	15 23 40	22°27'05	22° 6	17°58	13°33	29°44	12°41	10°12	22° 9	15°57	12°18	29°R30	0°58	15°20	20° 4	S 13
S 14	15 27 37	23°25'03	5♍25	17°23	14°46	0♊27	12°54	10°16	22° 7	15°56	12°19	29°29	0°55	15°26	20° 9	S 14
M15	15 31 33	24°23'00	18°27	16°51	15°59	1°10	13° 7	10°19	22° 5	15°54	12°21	29°27	0°52	15°33	20°13	M15
T 16	15 35 30	25°20'54	1♎11	16°21	17°12	1°52	13°19	10°23	22° 3	15°53	12°22	29°23	0°49	15°40	20°18	T 16
W17	15 39 26	26°18'47	13°42	15°54	18°26	2°35	13°32	10°26	22° 1	15°51	12°23	29°18	0°46	15°46	20°23	W17
T 18	15 43 23	27°16'38	26° 1	15°30	19°39	3°17	13°44	10°29	21°59	15°50	12°25	29°13	0°42	15°53	20°27	T 18
F 19	15 47 19	28°14'27	8♏10	15°10	20°52	4° 0	13°57	10°33	21°57	15°48	12°26	29° 7	0°39	16° 0	20°32	F 19
S 20	15 51 16	29°12'15	20°11	14°54	22° 5	4°42	14° 9	10°36	21°55	15°47	12°27	29° 3	0°36	16° 6	20°37	S 20
S 21	15 55 13	0♊10'02	2♐ 6	14°43	23°18	5°24	14°21	10°39	21°53	15°45	12°29	28°59	0°33	16°13	20°42	S 21
M22	15 59 9	1° 7'47	13°56	14°35	24°31	6° 7	14°33	10°42	21°51	15°44	12°30	28°56	0°30	16°20	20°47	M22
T 23	16 3 6	2° 5'31	25°44	14°D33	25°44	6°49	14°45	10°45	21°49	15°42	12°31	28°D55	0°26	16°26	20°52	T 23
W24	16 7 2	3° 3'13	7♑32	14°34	26°57	7°31	14°57	10°48	21°48	15°41	12°33	28°56	0°23	16°33	20°57	W24
T 25	16 10 59	4° 0'55	19°23	14°41	28° 9	8°13	15° 9	10°50	21°46	15°39	12°34	28°57	0°20	16°39	21° 2	T 25
F 26	16 14 55	4°58'35	1♒21	14°51	29°22	8°55	15°21	10°53	21°44	15°37	12°35	28°58	0°17	16°46	21° 7	F 26
S 27	16 18 52	5°56'14	13°30	15° 7	0♋35	9°37	15°33	10°55	21°43	15°36	12°37	29° 0	0°14	16°53	21°12	S 27
S 28	16 22 48	6°53'52	25°53	15°26	1°48	10°19	15°44	10°58	21°41	15°34	12°38	29° 1	0°11	16°59	21°18	S 28
M29	16 26 45	7°51'30	8♓37	15°50	3° 1	11° 1	15°56	11° 0	21°40	15°33	12°40	29°R 2	0° 7	17° 6	21°23	M29
T 30	16 30 42	8°49'06	21°43	16°19	4°13	11°43	16° 7	11° 3	21°38	15°31	12°41	29° 1	0° 4	17°13	21°29	T 30
W31	16 34 38	9♊46'41	5♈16	16♉51	5♋26	12♊25	16♈19	11♓ 5	21♎37	15♐29	12♊42	29♐ 0	0♑ 1	17♐19	21♋34	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 4	7s19	4n27	20n53	2n15	20n 4	0n10	18n10	0n 9	2n58	1s 6	9s27	1s30	8s12	0n38	21s11	1n32	11n24	10s54	23s25	23s25	24s 1	15n24	6s42
T 2	15 22	2 6	4 55	20 39	2 4	20 22	0 13	18 22	0 9	3 4	1 6	9 25	1 30	8 11	0 38	21 11	1 32	11 25	10 54	23 25	23 25	24 1	15 24	6 41
W 3	15 39	3n25	5 8	20 24	1 52	20 40	0 16	18 34	0 10	3 9	1 6	9 24	1 31	8 10	0 38	21 11	1 32	11 25	10 54	23 25	23 25	24 1	15 24	6 41
T 4	15 57	8 56	5 3	20 6	1 40	20 57	0 18	18 45	0 11	3 14	1 6	9 22	1 31	8 9	0 38	21 10	1 32	11 25	10 54	23 25	23 25	24 1	15 24	6 40
F 5	16 14	14 7	4 38	19 46	1 26	21 14	0 21	18 57	0 11	3 19	1 6	9 21	1 31	8 8	0 38	21 10	1 32	11 25	10 54	23 25	23 25	24 1	15 24	6 40
S 6	16 31	18 35	3 55	19 25	1 11	21 30	0 23	19 8	0 12	3 24	1 6	9 19	1 31	8 8	0 38	21 10	1 32	11 26	10 54	23 25	23 25	24 0	15 24	6 39
S 7	16 48	21 53	2 55	19 1	0 55	21 45	0 26	19 19	0 12	3 29	1 7	9 18	1 31	8 7	0 38	21 10	1 32	11 26	10 53	23 25	23 25	24 0	15 24	6 39
M 8	17 4	23 40	1 42	18 37	0 39	22 0	0 28	19 30	0 13	3 34	1 7	9 17	1 32	8 6	0 38	21 10	1 32	11 26	10 53	23 25	23 25	24 0	15 24	6 38
T 9	17 21	23 43	0 23	18 11	0 22	22 14	0 31	19 40	0 14	3 39	1 7	9 15	1 32	8 5	0 38	21 10	1 32	11 27	10 53	23 25	23 25	24 0	15 24	6 38
W10	17 36	22 6	0s57	17 45	0 5	22 28	0 34	19 50	0 14	3 44	1 7	9 14	1 32	8 4	0 38	21 9	1 32	11 27	10 53	23 25	23 25	24 0	15 24	6 37
T 11	17 52	19 4	2 12	17 18	0s13	22 41	0 36	20 1	0 15	3 49	1 7	9 13	1 32	8 3	0 38	21 9	1 32	11 27	10 53	23 25	23 25	24 0	15 24	6 37
F 12	18 7	14 59	3 16	16 51	0 30	22 54	0 39	20 11	0 16	3 54	1 7	9 11	1 32	8 3	0 38	21 9	1 32	11 27	10 53	23 25	23 25	24 0	15 24	6 36
S 13	18 22	10 13	4 8	16 24	0 48	23 5	0 41	20 21	0 16	3 59	1 7	9 10	1 33	8 2	0 38	21 9	1 32	11 28	10 53	23 25	23 25	24 0	15 24	6 36
S 14	18 37	5 6	4 45	15 58	1 5	23 16	0 44	20 30	0 17	4 3	1 7	9 9	1 33	8 1	0 38	21 9	1 32	11 28	10 52	23 25	23 25	24 0	15 24	6 35
M15	18 51	0s 8	5 6	15 33	1 22	23 27	0 46	20 40	0 17	4 8	1 8	9 8	1 33	8 0	0 38	21 9	1 32	11 28	10 52	23 25	23 25	24 0	15 23	6 35
T 16	19 5	5 14	5 12	15 9	1 38	23 37	0 48	20 49	0 18	4 13	1 8	9 7	1 33	8 0	0 38	21 8	1 32	11 29	10 52	23 25	23 25	23 59	15 23	6 34
W17	19 19	10 2	5 2	14 47	1 53	23 46	0 51	20 58	0 19	4 18	1 8	9 6	1 33	7 59	0 38	21 8	1 32	11 29	10 52	23 25	23 25	23 59	15 23	6 34
T 18	19 32	14 22	4 39	14 26	2 8	23 54	0 53	21 7	0 19	4 22	1 8	9 4	1 34	7 58	0 38	21 8	1 32	11 29	10 52	23 25	23 25	23 59	15 23	6 33
F 19	19 45	18 3	4 3	14 7	2 21	24 2	0 56	21 15	0 20	4 27	1 8	9 3	1 34	7 58	0 38	21 8	1 32	11 29	10 52	23 25	23 25	23 59	15 22	6 33
S 20	19 58	20 56	3 17	13 51	2 34	24 9	0 58	21 24	0 20	4 32	1 8	9 2	1 34	7 57	0 38	21 8	1 32	11 30	10 52	23 25	23 25	23 59	15 22	6 33
S 21	20 10	22 53	2 22	13 36	2 46	24 15	1 0	21 32	0 21	4 36	1 8	9 1	1 34	7 56	0 38	21 8	1 32	11 30	10 52	23 25	23 25	23 59	15 22	6 32
M22	20 22	23 48	1 21	13 24	2 56	24 21	1 2	21 40	0 21	4 41	1 8	9 0	1 35	7 56	0 38	21 7	1 32	11 30	10 52	23 25	23 25	23 59	15 22	6 32
T 23	20 34	23 39	0 18	13 14	3 6	24 26	1 5	21 48	0 22	4 45	1 9	9 0	1 35	7 55	0 38	21 7	1 33	11 30	10 52	23 25	23 25	23 58	15 21	6 31
W24	20 45	22 25	0n47	13 6	3 14	24 30	1 7	21 55	0 23	4 50	1 9	8 59	1 35	7 54	0 38	21 7	1 33	11 31	10 52	23 25	23 25	23 58	15 21	6 31
T 25	20 56	20 12	1 50	13 1	3 22	24 34	1 9	22 3	0 23	4 54	1 9	8 58	1 35	7 54	0 38	21 7	1 33	11 31	10 51	23 25	23 25	23 58	15 21	6 30
F 26	21 7	17 5	2 49	12 58	3 28	24 36	1 11	22 10	0 24	4 59	1 9	8 57	1 35	7 53	0 38	21 7	1 33	11 31	10 51	23 25	23 25	23 58	15 20	6 30
S 27	21 17	13 13	3 42	12 57	3 33	24 38	1 13	22 17	0 24	5 3	1 9	8 56	1 36	7 53	0 37	21 7	1 33	11 31	10 51	23 25	23 25	23 58	15 20	6 30
S 28	21 27	8 43	4 25	12 59	3 38	24 40	1 15	22 23	0 25	5 7	1 9	8 56	1 36	7 52	0 37	21 6	1 33	11 31	10 51	23 25	23 25	23 57	15 20	6 29
M29	21 36	3 45	4 56	13 2	3 41	24 40	1 17	22 30	0 25	5 12	1 10	8 55	1 36	7 51	0 37	21 6	1 33	11 32	10 51	23 25	23 25	23 57	15 19	6 29
T 30	21 45	1n31	5 13	13 8	3 43	24 40	1 19	22 36	0 26	5 16	1 10	8 54	1 36	7 51	0 37	21 6	1 33	11 32	10 51	23 25	23 25	23 57	15 19	6 28
W31	21n54	6n54	5n14	13n16	3s45	24n40	1n21	22n42	0n27	5n20	1s10	8s54	1s37	7s50	0n37	21s 6	1n33	11n32	10s51	23s25	23s25	23s57	15n18	6s28

Julian Day Number = 2503164.5, Delta T = 115.91 sec
Ecliptic obliquity = 23°25'16, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°42'54, Lahiri = 25°49'55

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ASTRODIENST EPHEMERIS for the year 2141
geocentric

JUNE 2141 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 35	10♊44'16	19♈16	17♉28	6♋39	13♊ 7	16♈30	11♓ 7	21°R35	15°R28	12♊44	28°R58	29♐58	17♐26	21♋40	T 1
F 2	16 42 31	11°41'50	3♉42	18° 8	7°51	13°48	16°41	11° 9	21♎34	15♐26	12°45	28♐56	29°55	17°33	21°45	F 2
S 3	16 46 28	12°39'23	18°31	18°52	9° 4	14°30	16°52	11°11	21°33	15°25	12°46	28°54	29°52	17°39	21°51	S 3
S 4	16 50 24	13°36'55	3♊35	19°40	10°16	15°12	17° 3	11°12	21°31	15°23	12°48	28°52	29°48	17°46	21°56	S 4
M 5	16 54 21	14°34'26	18°46	20°32	11°29	15°53	17°14	11°14	21°30	15°21	12°49	28°51	29°45	17°53	22° 2	M 5
T 6	16 58 17	15°31'56	3♋55	21°27	12°41	16°35	17°25	11°16	21°29	15°20	12°51	28°D51	29°42	17°59	22° 8	T 6
W 7	17 2 14	16°29'25	18°53	22°26	13°54	17°16	17°36	11°17	21°28	15°18	12°52	28°51	29°39	18° 6	22°14	W 7
T 8	17 6 11	17°26'53	3♌31	23°28	15° 6	17°58	17°46	11°19	21°27	15°16	12°53	28°52	29°36	18°13	22°19	T 8
F 9	17 10 7	18°24'20	17°47	24°33	16°19	18°39	17°57	11°20	21°26	15°15	12°55	28°53	29°32	18°19	22°25	F 9
S 10	17 14 4	19°21'45	1♍36	25°42	17°31	19°21	18° 7	11°21	21°25	15°13	12°56	28°54	29°29	18°26	22°31	S 10
S 11	17 18 0	20°19'09	15° 1	26°54	18°43	20° 2	18°17	11°22	21°24	15°12	12°57	28°R54	29°26	18°33	22°37	S 11
M12	17 21 57	21°16'33	28° 2	28° 8	19°55	20°43	18°27	11°23	21°23	15°10	12°59	28°54	29°23	18°39	22°43	M12
T 13	17 25 53	22°13'55	10♎42	29°26	21° 8	21°25	18°37	11°24	21°22	15° 8	13° 0	28°54	29°20	18°46	22°49	T 13
W14	17 29 50	23°11'16	23° 5	0♊47	22°20	22° 6	18°47	11°25	21°21	15° 7	13° 1	28°53	29°17	18°52	22°55	W14
T 15	17 33 46	24° 8'36	5♏15	2°11	23°32	22°47	18°57	11°26	21°20	15° 5	13° 3	28°53	29°13	18°59	23° 1	T 15
F 16	17 37 43	25° 5'55	17°15	3°38	24°44	23°28	19° 7	11°26	21°20	15° 4	13° 4	28°52	29°10	19° 6	23° 7	F 16
S 17	17 41 40	26° 3'14	29° 8	5° 8	25°56	24° 9	19°16	11°27	21°19	15° 2	13° 6	28°52	29° 7	19°12	23°14	S 17
S 18	17 45 36	27° 0'31	10♐57	6°41	27° 8	24°50	19°26	11°27	21°18	15° 0	13° 7	28°52	29° 4	19°19	23°20	S 18
M19	17 49 33	27°57'48	22°45	8°17	28°20	25°31	19°35	11°27	21°18	14°59	13° 8	28°D51	29° 1	19°26	23°26	M19
T 20	17 53 29	28°55'05	4♑34	9°56	29°32	26°12	19°44	11°28	21°17	14°57	13°10	28°R51	28°58	19°32	23°32	T 20
W21	17 57 26	29°52'21	16°26	11°38	0♌44	26°53	19°53	11°28	21°17	14°56	13°11	28°51	28°54	19°39	23°39	W21
T 22	18 1 22	0♋49'36	28°23	13°22	1°55	27°34	20° 2	11°R28	21°17	14°54	13°12	28°51	28°51	19°46	23°45	T 22
F 23	18 5 19	1°46'51	10♒29	15° 9	3° 7	28°15	20°11	11°28	21°16	14°53	13°14	28°51	28°48	19°52	23°51	F 23
S 24	18 9 15	2°44'06	22°46	16°59	4°19	28°55	20°20	11°28	21°16	14°51	13°15	28°51	28°45	19°59	23°58	S 24
S 25	18 13 12	3°41'21	5♓15	18°52	5°30	29°36	20°29	11°27	21°16	14°50	13°16	28°50	28°42	20° 6	24° 4	S 25
M26	18 17 9	4°38'35	18° 1	20°47	6°42	0♋17	20°37	11°27	21°16	14°48	13°17	28°50	28°38	20°12	24°11	M26
T 27	18 21 5	5°35'49	1♈ 7	22°45	7°54	0°57	20°45	11°26	21°15	14°47	13°19	28°D49	28°35	20°19	24°17	T 27
W28	18 25 2	6°33'03	14°34	24°45	9° 5	1°38	20°53	11°26	21°15	14°45	13°20	28°50	28°32	20°26	24°24	W28
T 29	18 28 58	7°30'18	28°24	26°47	10°17	2°18	21° 1	11°25	21°D15	14°44	13°21	28°50	28°29	20°32	24°30	T 29
F 30	18 32 55	8♋27'32	12♉38	28♊51	11♌28	2♋59	21♈ 9	11♓24	21♎15	14♐42	13♊23	28♐51	28♐26	20♐39	24♋37	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 2	12n 6	4n56	13n25	3s45	24n38	1n23	22n48	0n27	5n24	1s10	8s53	1s37	7s50	0n37	21s 6	1n33	11n32	10s51	23s25	23s25	23s57	15n18	6s28
F 2	22 10	16 49	4 20	13 37	3 45	24 36	1 25	22 54	0 28	5 28	1 10	8 53	1 37	7 49	0 37	21 6	1 33	11 33	10 51	23 25	23 25	23 56	15 17	6 27
S 3	22 18	20 36	3 25	13 50	3 44	24 33	1 26	22 59	0 28	5 32	1 10	8 52	1 37	7 49	0 37	21 5	1 33	11 33	10 51	23 25	23 25	23 56	15 17	6 27
S 4	22 25	23 4	2 15	14 5	3 41	24 29	1 28	23 5	0 29	5 36	1 11	8 52	1 37	7 49	0 37	21 5	1 33	11 33	10 51	23 25	23 25	23 56	15 16	6 27
M 5	22 32	23 52	0 56	14 21	3 39	24 25	1 30	23 10	0 29	5 40	1 11	8 51	1 38	7 48	0 37	21 5	1 33	11 33	10 51	23 25	23 25	23 56	15 16	6 26
T 6	22 38	22 54	0s28	14 39	3 35	24 20	1 31	23 14	0 30	5 44	1 11	8 51	1 38	7 48	0 37	21 5	1 33	11 33	10 51	23 25	23 25	23 55	15 15	6 26
W 7	22 44	20 18	1 49	14 58	3 31	24 14	1 33	23 19	0 30	5 48	1 11	8 50	1 38	7 47	0 37	21 5	1 33	11 33	10 51	23 25	23 25	23 55	15 14	6 26
T 8	22 50	16 25	3 1	15 18	3 26	24 8	1 34	23 23	0 31	5 52	1 11	8 50	1 38	7 47	0 37	21 5	1 33	11 34	10 51	23 25	23 25	23 55	15 14	6 25
F 9	22 55	11 41	3 59	15 39	3 20	24 1	1 36	23 28	0 32	5 56	1 11	8 50	1 39	7 47	0 37	21 4	1 32	11 34	10 51	23 25	23 25	23 54	15 13	6 25
S 10	23 0	6 30	4 42	16 2	3 14	23 53	1 37	23 32	0 32	6 0	1 12	8 50	1 39	7 46	0 37	21 4	1 32	11 34	10 51	23 25	23 25	23 54	15 13	6 25
S 11	23 4	1 10	5 8	16 25	3 7	23 44	1 38	23 35	0 33	6 3	1 12	8 49	1 39	7 46	0 37	21 4	1 32	11 34	10 51	23 25	23 25	23 54	15 12	6 25
M12	23 8	4s 4	5 17	16 49	3 0	23 35	1 40	23 39	0 33	6 7	1 12	8 49	1 39	7 46	0 37	21 4	1 32	11 34	10 51	23 25	23 25	23 54	15 11	6 24
T 13	23 12	9 0	5 11	17 13	2 52	23 25	1 41	23 42	0 34	6 11	1 12	8 49	1 40	7 45	0 37	21 4	1 32	11 35	10 51	23 25	23 25	23 53	15 11	6 24
W14	23 15	13 27	4 50	17 38	2 43	23 15	1 42	23 45	0 34	6 14	1 12	8 49	1 40	7 45	0 37	21 4	1 32	11 35	10 51	23 25	23 25	23 53	15 10	6 24
T 15	23 17	17 17	4 16	18 4	2 34	23 4	1 43	23 48	0 35	6 18	1 13	8 49	1 40	7 45	0 37	21 3	1 32	11 35	10 51	23 25	23 25	23 53	15 9	6 23
F 16	23 20	20 21	3 31	18 30	2 25	22 52	1 44	23 51	0 35	6 21	1 13	8 49	1 40	7 45	0 37	21 3	1 32	11 35	10 51	23 25	23 25	23 52	15 8	6 23
S 17	23 22	22 31	2 38	18 56	2 15	22 39	1 44	23 53	0 36	6 25	1 13	8 49	1 40	7 44	0 37	21 3	1 32	11 35	10 51	23 25	23 25	23 52	15 8	6 23
S 18	23 23	23 41	1 38	19 22	2 5	22 26	1 45	23 55	0 36	6 28	1 13	8 49	1 41	7 44	0 37	21 3	1 32	11 35	10 51	23 25	23 25	23 52	15 7	6 23
M19	23 24	23 47	0 34	19 47	1 54	22 13	1 46	23 57	0 37	6 31	1 13	8 49	1 41	7 44	0 37	21 3	1 32	11 35	10 51	23 25	23 25	23 51	15 6	6 22
T 20	23 25	22 49	0n32	20 13	1 43	21 58	1 47	23 59	0 37	6 35	1 14	8 49	1 41	7 44	0 37	21 3	1 32	11 36	10 51	23 25	23 25	23 51	15 5	6 22
W21	23 25	20 49	1 36	20 38	1 32	21 43	1 47	24 1	0 38	6 38	1 14	8 49	1 41	7 44	0 37	21 2	1 32	11 36	10 51	23 25	23 25	23 51	15 5	6 22
T 22	23 25	17 54	2 37	21 3	1 21	21 28	1 48	24 2	0 38	6 41	1 14	8 50	1 42	7 44	0 37	21 2	1 32	11 36	10 51	23 25	23 25	23 50	15 4	6 22
F 23	23 25	14 12	3 31	21 27	1 10	21 12	1 48	24 3	0 39	6 44	1 14	8 50	1 42	7 44	0 37	21 2	1 32	11 36	10 51	23 25	23 25	23 50	15 3	6 22
S 24	23 24	9 52	4 17	21 49	0 58	20 55	1 48	24 4	0 39	6 47	1 14	8 50	1 42	7 44	0 36	21 2	1 32	11 36	10 51	23 25	23 25	23 50	15 2	6 21
S 25	23 22	5 3	4 51	22 11	0 46	20 38	1 49	24 5	0 40	6 50	1 15	8 50	1 42	7 43	0 36	21 2	1 32	11 36	10 51	23 25	23 25	23 49	15 1	6 21
M26	23 20	0n 3	5 12	22 31	0 35	20 20	1 49	24 6	0 40	6 53	1 15	8 51	1 43	7 43	0 36	21 2	1 32	11 36	10 51	23 25	23 25	23 49	15 0	6 21
T 27	23 18	5 18	5 17	22 50	0 23	20 2	1 49	24 6	0 41	6 56	1 15	8 51	1 43	7 43	0 36	21 2	1 32	11 36	10 51	23 25	23 25	23 48	14 59	6 21
W28	23 16	10 26	5 6	23 7	0 12	19 43	1 49	24 6	0 41	6 59	1 15	8 52	1 43	7 43	0 36	21 1	1 32	11 36	10 51	23 25	23 25	23 48	14 58	6 21
T 29	23 13	15 12	4 36	23 23	0 0	19 24	1 49	24 6	0 42	7 2	1 16	8 52	1 43	7 43	0 36	21 1	1 32	11 37	10 51	23 25	23 25	23 48	14 57	6 21
F 30	23n 9	19n15	3n50	23n36	0n11	19n 4	1n49	24n 5	0n42	7n 5	1s16	8s53	1s43	7s44	0n36	21s 1	1n32	11n37	10s51	23s25	23s25	23s47	14n56	6s20

Julian Day Number = 2503195.5, Delta T = 115.96 sec
Ecliptic obliquity = 23°25'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°42'59, Lahiri = 25°49'59

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ASTRODIENST EPHEMERIS for the year 2141
geocentric

JULY 2141 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 51	9♋24'46	27♉13	0♋57	12♌39	3♋39	21♈17	11°R24	21♎15	14°R41	13♊24	28♐51	28♐23	20♐45	24♋43	S 1
S 2	18 40 48	10°22'01	12♊ 5	3° 4	13°51	4°20	21°25	11♓23	21°16	14♐39	13°25	28°52	28°19	20°52	24°50	S 2
M 3	18 44 44	11°19'15	27° 8	5°13	15° 2	5° 0	21°32	11°22	21°16	14°38	13°26	28°R52	28°16	20°59	24°56	M 3
T 4	18 48 41	12°16'30	12♋14	7°22	16°13	5°41	21°39	11°20	21°16	14°36	13°28	28°52	28°13	21° 5	25° 3	T 4
W 5	18 52 38	13°13'44	27°14	9°32	17°24	6°21	21°47	11°19	21°16	14°35	13°29	28°51	28°10	21°12	25°10	W 5
T 6	18 56 34	14°10'58	11♌59	11°43	18°35	7° 1	21°54	11°18	21°17	14°34	13°30	28°50	28° 7	21°19	25°16	T 6
F 7	19 0 31	15° 8'12	26°23	13°53	19°46	7°41	22° 0	11°16	21°17	14°32	13°31	28°48	28° 4	21°25	25°23	F 7
S 8	19 4 27	16° 5'26	10♍21	16° 4	20°57	8°22	22° 7	11°15	21°17	14°31	13°32	28°46	28° 0	21°32	25°30	S 8
S 9	19 8 24	17° 2'39	23°52	18°14	22° 8	9° 2	22°14	11°13	21°18	14°30	13°34	28°44	27°57	21°39	25°36	S 9
M10	19 12 20	17°59'52	6♎57	20°23	23°19	9°42	22°20	11°11	21°19	14°28	13°35	28°43	27°54	21°45	25°43	M10
T 11	19 16 17	18°57'05	19°39	22°31	24°30	10°22	22°26	11°10	21°19	14°27	13°36	28°D42	27°51	21°52	25°50	T 11
W12	19 20 14	19°54'18	2♏ 1	24°38	25°41	11° 2	22°32	11° 8	21°20	14°26	13°37	28°43	27°48	21°59	25°56	W12
T 13	19 24 10	20°51'30	14° 7	26°44	26°51	11°42	22°38	11° 6	21°21	14°25	13°38	28°44	27°44	22° 5	26° 3	T 13
F 14	19 28 7	21°48'43	26° 3	28°49	28° 2	12°22	22°44	11° 4	21°21	14°23	13°39	28°46	27°41	22°12	26°10	F 14
S 15	19 32 3	22°45'56	7♐52	0♌52	29°12	13° 2	22°50	11° 2	21°22	14°22	13°40	28°47	27°38	22°19	26°17	S 15
S 16	19 36 0	23°43'09	19°40	2°53	0♍23	13°42	22°55	10°59	21°23	14°21	13°41	28°48	27°35	22°25	26°23	S 16
M17	19 39 56	24°40'22	1♑28	4°53	1°33	14°21	23° 0	10°57	21°24	14°20	13°43	28°R49	27°32	22°32	26°30	M17
T 18	19 43 53	25°37'35	13°21	6°51	2°43	15° 1	23° 5	10°54	21°25	14°19	13°44	28°48	27°29	22°38	26°37	T 18
W19	19 47 49	26°34'48	25°21	8°48	3°54	15°41	23°10	10°52	21°26	14°18	13°45	28°45	27°25	22°45	26°44	W19
T 20	19 51 46	27°32'02	7♒30	10°42	5° 4	16°21	23°15	10°49	21°27	14°17	13°46	28°42	27°22	22°52	26°50	T 20
F 21	19 55 43	28°29'16	19°49	12°35	6°14	17° 0	23°20	10°47	21°28	14°16	13°47	28°38	27°19	22°58	26°57	F 21
S 22	19 59 39	29°26'31	2♓19	14°26	7°24	17°40	23°24	10°44	21°29	14°15	13°48	28°33	27°16	23° 5	27° 4	S 22
S 23	20 3 36	0♌23'46	15° 2	16°15	8°34	18°20	23°28	10°41	21°31	14°14	13°49	28°28	27°13	23°12	27°11	S 23
M24	20 7 32	1°21'02	27°59	18° 2	9°44	18°59	23°32	10°38	21°32	14°13	13°50	28°23	27°10	23°18	27°17	M24
T 25	20 11 29	2°18'19	11♈11	19°48	10°53	19°39	23°36	10°35	21°33	14°12	13°51	28°20	27° 6	23°25	27°24	T 25
W26	20 15 25	3°15'36	24°39	21°32	12° 3	20°18	23°40	10°32	21°35	14°11	13°52	28°18	27° 3	23°32	27°31	W26
T 27	20 19 22	4°12'55	8♉24	23°14	13°13	20°58	23°43	10°29	21°36	14°10	13°53	28°D18	27° 0	23°38	27°38	T 27
F 28	20 23 18	5°10'14	22°26	24°54	14°22	21°37	23°47	10°26	21°37	14° 9	13°54	28°19	26°57	23°45	27°44	F 28
S 29	20 27 15	6° 7'35	6♊44	26°32	15°32	22°16	23°50	10°23	21°39	14° 8	13°55	28°20	26°54	23°52	27°51	S 29
S 30	20 31 12	7° 4'56	21°17	28° 9	16°41	22°56	23°53	10°19	21°41	14° 7	13°55	28°R21	26°50	23°58	27°58	S 30
M31	20 35 8	8♌ 2'19	6♋ 1	29♌44	17♍50	23♋35	23♈55	10♓16	21♎42	14♐ 6	13♊56	28♐21	26♐47	24♐ 5	28♋ 5	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 5	22n14	2n47	23n46	0n21	18n44	1n48	24n 5	0n43	7n 7	1s16	8s53	1s44	7s44	0n36	21s 1	1n32	11n37	10s51	23s25	23s25	23s47	14n55	6s20
S 2	23 1	23 44	1 32	23 55	0 32	18 23	1 48	24 4	0 43	7 10	1 16	8 54	1 44	7 44	0 36	21 1	1 32	11 37	10 51	23 25	23 25	23 46	14 54	6 20
M 3	22 56	23 33	0 10	24 1	0 42	18 2	1 48	24 3	0 44	7 12	1 16	8 54	1 44	7 44	0 36	21 1	1 32	11 37	10 51	23 25	23 25	23 46	14 53	6 20
T 4	22 51	21 38	1s13	24 4	0 51	17 40	1 47	24 2	0 44	7 15	1 17	8 55	1 44	7 44	0 36	21 1	1 32	11 37	10 52	23 25	23 25	23 46	14 52	6 20
W 5	22 46	18 14	2 31	24 4	1 0	17 18	1 46	24 1	0 45	7 17	1 17	8 56	1 45	7 44	0 36	21 0	1 32	11 37	10 52	23 25	23 24	23 45	14 51	6 20
T 6	22 40	13 43	3 37	24 2	1 8	16 55	1 46	23 59	0 45	7 20	1 17	8 56	1 45	7 44	0 36	21 0	1 32	11 37	10 52	23 25	23 24	23 45	14 50	6 20
F 7	22 34	8 31	4 27	23 57	1 15	16 32	1 45	23 57	0 46	7 22	1 17	8 57	1 45	7 44	0 36	21 0	1 32	11 37	10 52	23 25	23 24	23 44	14 49	6 20
S 8	22 27	3 3	5 0	23 49	1 22	16 9	1 44	23 55	0 46	7 24	1 18	8 58	1 45	7 45	0 36	21 0	1 32	11 37	10 52	23 25	23 24	23 44	14 48	6 20
S 9	22 20	2s23	5 15	23 38	1 28	15 45	1 43	23 53	0 46	7 27	1 18	8 59	1 46	7 45	0 36	21 0	1 32	11 37	10 52	23 25	23 24	23 43	14 47	6 19
M10	22 13	7 33	5 13	23 25	1 33	15 20	1 42	23 51	0 47	7 29	1 18	9 0	1 46	7 45	0 36	21 0	1 32	11 37	10 52	23 25	23 24	23 43	14 46	6 19
T 11	22 5	12 14	4 55	23 9	1 38	14 56	1 41	23 48	0 47	7 31	1 18	9 0	1 46	7 45	0 36	21 0	1 32	11 37	10 52	23 25	23 24	23 42	14 45	6 19
W12	21 57	16 18	4 24	22 51	1 42	14 31	1 40	23 45	0 48	7 33	1 19	9 1	1 46	7 46	0 36	21 0	1 32	11 37	10 52	23 25	23 24	23 42	14 44	6 19
T 13	21 48	19 36	3 42	22 30	1 45	14 6	1 38	23 42	0 48	7 35	1 19	9 2	1 46	7 46	0 36	21 0	1 32	11 37	10 52	23 25	23 24	23 42	14 42	6 19
F 14	21 39	22 1	2 51	22 8	1 47	13 40	1 37	23 39	0 49	7 37	1 19	9 3	1 47	7 46	0 36	20 59	1 32	11 37	10 52	23 25	23 24	23 41	14 41	6 19
S 15	21 30	23 28	1 53	21 43	1 49	13 14	1 35	23 36	0 49	7 38	1 19	9 4	1 47	7 47	0 36	20 59	1 32	11 37	10 52	23 25	23 24	23 41	14 40	6 19
S 16	21 20	23 51	0 50	21 16	1 49	12 48	1 34	23 32	0 50	7 40	1 20	9 5	1 47	7 47	0 36	20 59	1 32	11 37	10 53	23 25	23 24	23 40	14 39	6 19
M17	21 10	23 10	0n15	20 48	1 50	12 21	1 32	23 29	0 50	7 42	1 20	9 6	1 47	7 47	0 36	20 59	1 32	11 37	10 53	23 25	23 24	23 40	14 38	6 19
T 18	21 0	21 26	1 19	20 18	1 49	11 54	1 30	23 25	0 50	7 44	1 20	9 8	1 47	7 48	0 36	20 59	1 32	11 37	10 53	23 25	23 24	23 39	14 36	6 19
W19	20 49	18 45	2 21	19 47	1 48	11 27	1 29	23 21	0 51	7 45	1 20	9 9	1 48	7 48	0 35	20 59	1 31	11 37	10 53	23 25	23 24	23 39	14 35	6 19
T 20	20 38	15 13	3 17	19 14	1 46	10 59	1 27	23 16	0 51	7 47	1 21	9 10	1 48	7 49	0 35	20 59	1 31	11 37	10 53	23 25	23 24	23 38	14 34	6 19
F 21	20 27	11 0	4 4	18 40	1 44	10 32	1 25	23 12	0 52	7 48	1 21	9 11	1 48	7 49	0 35	20 59	1 31	11 37	10 53	23 25	23 24	23 37	14 33	6 19
S 22	20 15	6 16	4 40	18 6	1 41	10 4	1 22	23 7	0 52	7 49	1 21	9 12	1 48	7 50	0 35	20 59	1 31	11 37	10 53	23 25	23 24	23 37	14 31	6 19
S 23	20 3	1 13	5 4	17 30	1 37	9 36	1 20	23 2	0 53	7 51	1 21	9 14	1 48	7 50	0 35	20 59	1 31	11 37	10 53	23 25	23 23	23 36	14 30	6 19
M24	19 51	3n59	5 12	16 53	1 33	9 7	1 18	22 57	0 53	7 52	1 22	9 15	1 49	7 51	0 35	20 59	1 31	11 37	10 54	23 25	23 23	23 36	14 29	6 19
T 25	19 38	9 5	5 4	16 16	1 28	8 39	1 16	22 52	0 53	7 53	1 22	9 16	1 49	7 51	0 35	20 59	1 31	11 37	10 54	23 25	23 23	23 35	14 27	6 19
W26	19 25	13 53	4 40	15 38	1 23	8 10	1 13	22 46	0 54	7 54	1 22	9 18	1 49	7 52	0 35	20 58	1 31	11 37	10 54	23 25	23 23	23 35	14 26	6 19
T 27	19 11	18 4	3 59	14 59	1 18	7 41	1 11	22 41	0 54	7 55	1 23	9 19	1 49	7 52	0 35	20 58	1 31	11 37	10 54	23 25	23 23	23 34	14 25	6 19
F 28	18 58	21 19	3 3	14 20	1 12	7 12	1 8	22 35	0 55	7 56	1 23	9 20	1 49	7 53	0 35	20 58	1 31	11 37	10 54	23 25	23 23	23 34	14 23	6 20
S 29	18 44	23 19	1 55	13 41	1 5	6 42	1 5	22 29	0 55	7 57	1 23	9 22	1 50	7 53	0 35	20 58	1 31	11 37	10 54	23 25	23 23	23 33	14 22	6 20
S 30	18 29	23 46	0 38	13 2	0 59	6 13	1 2	22 23	0 55	7 58	1 23	9 23	1 50	7 54	0 35	20 58	1 31	11 37	10 54	23 25	23 23	23 32	14 21	6 20
M31	18n15	22n35	0s42	12n22	0n52	5n43	0n59	22n17	0n56	7n59	1s24	9s25	1s50	7s55	0n35	20s58	1n31	11n37	10s55	23s25	23s23	23s32	14n19	6s20

Julian Day Number = 2503225.5, Delta T = 116.02 sec
Ecliptic obliquity = 23°25'14, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°43'03, Lahiri = 25°50'03

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2141
geocentric

AUGUST 2141 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 5	8♌59'42	20♋50	1♍17	18♍59	24♋14	23♈58	10°R12	21♎44	14°R 6	13♊57	28°R20	26♐44	24♐11	28♋11	T 1
W 2	20 43 1	9°57'07	5♌38	2°48	20° 8	24°54	24° 0	10♓ 9	21°46	14♐ 5	13°58	28♐16	26°41	24°18	28°18	W 2
T 3	20 46 58	10°54'32	20°15	4°17	21°17	25°33	24° 2	10° 5	21°47	14° 4	13°59	28°11	26°38	24°25	28°25	T 3
F 4	20 50 54	11°51'57	4♍36	5°45	22°26	26°12	24° 4	10° 1	21°49	14° 3	14° 0	28° 4	26°35	24°31	28°32	F 4
S 5	20 54 51	12°49'24	18°36	7°11	23°35	26°51	24° 6	9°58	21°51	14° 3	14° 0	27°57	26°31	24°38	28°38	S 5
S 6	20 58 47	13°46'51	2♎ 9	8°35	24°44	27°30	24° 8	9°54	21°53	14° 2	14° 1	27°50	26°28	24°45	28°45	S 6
M 7	21 2 44	14°44'19	15°17	9°57	25°52	28° 9	24° 9	9°50	21°55	14° 2	14° 2	27°45	26°25	24°51	28°51	M 7
T 8	21 6 41	15°41'47	28° 1	11°17	27° 1	28°49	24°10	9°46	21°57	14° 1	14° 3	27°42	26°22	24°58	28°58	T 8
W 9	21 10 37	16°39'17	10♏24	12°35	28° 9	29°28	24°11	9°42	21°59	14° 0	14° 4	27°40	26°19	25° 5	29° 5	W 9
T 10	21 14 34	17°36'47	22°30	13°51	29°17	0♌ 7	24°12	9°38	22° 1	14° 0	14° 4	27°D40	26°16	25°11	29°11	T 10
F 11	21 18 30	18°34'18	4♐26	15° 5	0♎26	0°45	24°13	9°34	22° 3	13°59	14° 5	27°41	26°12	25°18	29°18	F 11
S 12	21 22 27	19°31'50	16°15	16°17	1°34	1°24	24°13	9°30	22° 5	13°59	14° 6	27°42	26° 9	25°25	29°24	S 12
S 13	21 26 23	20°29'22	28° 2	17°27	2°41	2° 3	24°13	9°26	22° 7	13°59	14° 6	27°R43	26° 6	25°31	29°31	S 13
M14	21 30 20	21°26'56	9♑54	18°35	3°49	2°42	24°R13	9°22	22°10	13°58	14° 7	27°42	26° 3	25°38	29°37	M14
T 15	21 34 16	22°24'30	21°52	19°40	4°57	3°21	24°13	9°18	22°12	13°58	14° 7	27°39	26° 0	25°44	29°44	T 15
W16	21 38 13	23°22'06	4♒ 2	20°42	6° 4	4° 0	24°13	9°13	22°14	13°57	14° 8	27°34	25°56	25°51	29°50	W16
T 17	21 42 10	24°19'43	16°24	21°42	7°12	4°38	24°12	9° 9	22°17	13°57	14° 9	27°26	25°53	25°58	29°57	T 17
F 18	21 46 6	25°17'20	28°59	22°39	8°19	5°17	24°11	9° 5	22°19	13°57	14° 9	27°17	25°50	26° 4	0♌ 3	F 18
S 19	21 50 3	26°14'59	11♓49	23°34	9°26	5°56	24°10	9° 0	22°22	13°57	14°10	27° 7	25°47	26°11	0°10	S 19
S 20	21 53 59	27°12'40	24°52	24°25	10°33	6°35	24° 9	8°56	22°24	13°56	14°10	26°57	25°44	26°18	0°16	S 20
M21	21 57 56	28°10'21	8♈ 8	25°13	11°40	7°13	24° 8	8°51	22°27	13°56	14°11	26°48	25°41	26°24	0°22	M21
T 22	22 1 52	29° 8'05	21°36	25°58	12°46	7°52	24° 6	8°47	22°29	13°56	14°11	26°40	25°37	26°31	0°29	T 22
W23	22 5 49	0♍ 5'50	5♉14	26°39	13°53	8°30	24° 4	8°43	22°32	13°56	14°12	26°36	25°34	26°38	0°35	W23
T 24	22 9 45	1° 3'36	19° 2	27°17	14°59	9° 9	24° 2	8°38	22°35	13°56	14°12	26°33	25°31	26°44	0°41	T 24
F 25	22 13 42	2° 1'25	3♊ 0	27°50	16° 5	9°47	24° 0	8°34	22°37	13°56	14°13	26°D32	25°28	26°51	0°47	F 25
S 26	22 17 39	2°59'15	17° 7	28°19	17°12	10°26	23°58	8°29	22°40	13°D56	14°13	26°33	25°25	26°58	0°53	S 26
S 27	22 21 35	3°57'07	1♋22	28°44	18°17	11° 4	23°55	8°25	22°43	13°56	14°13	26°R33	25°21	27° 4	1° 0	S 27
M28	22 25 32	4°55'01	15°44	29° 4	19°23	11°43	23°53	8°20	22°46	13°56	14°14	26°32	25°18	27°11	1° 6	M28
T 29	22 29 28	5°52'56	0♌10	29°19	20°29	12°21	23°50	8°16	22°48	13°56	14°14	26°28	25°15	27°18	1°12	T 29
W30	22 33 25	6°50'53	14°34	29°29	21°34	12°59	23°47	8°11	22°51	13°56	14°14	26°22	25°12	27°24	1°18	W30
T 31	22 37 21	7♍48'52	28♌52	29°R34	22♎39	13♌38	23♈43	8♓ 6	22♎54	13♐56	14♊15	26♐13	25♐ 9	27♐31	1♌24	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 0	19n51	1s59	11n42	0n44	5n13	0n56	22n10	0n56	7n59	1s24	9s26	1s50	7s55	0n35	20s58	1n31	11n37	10s55	23s25	23s23	23s31	14n18	6s20
W 2	17 44	15 48	3 8	11 2	0 36	4 43	0 53	22 4	0 57	8 0	1 24	9 28	1 50	7 56	0 35	20 58	1 31	11 37	10 55	23 25	23 23	23 31	14 17	6 20
T 3	17 29	10 51	4 4	10 22	0 28	4 13	0 50	21 57	0 57	8 1	1 24	9 29	1 50	7 57	0 35	20 58	1 31	11 37	10 55	23 24	23 23	23 30	14 15	6 20
F 4	17 13	5 24	4 44	9 42	0 20	3 43	0 47	21 50	0 57	8 1	1 25	9 31	1 51	7 57	0 35	20 58	1 31	11 37	10 55	23 24	23 23	23 30	14 14	6 20
S 5	16 57	0s10	5 5	9 2	0 11	3 13	0 44	21 43	0 58	8 1	1 25	9 32	1 51	7 58	0 35	20 58	1 31	11 37	10 55	23 24	23 23	23 29	14 12	6 20
S 6	16 41	5 34	5 8	8 23	0 2	2 42	0 40	21 36	0 58	8 2	1 25	9 34	1 51	7 59	0 35	20 58	1 31	11 37	10 55	23 24	23 22	23 28	14 11	6 21
M 7	16 24	10 33	4 55	7 43	0s 7	2 12	0 37	21 28	0 59	8 2	1 25	9 35	1 51	8 0	0 35	20 58	1 31	11 37	10 56	23 24	23 22	23 28	14 9	6 21
T 8	16 7	14 55	4 27	7 4	0 17	1 42	0 33	21 21	0 59	8 2	1 26	9 37	1 51	8 0	0 35	20 58	1 31	11 37	10 56	23 24	23 22	23 27	14 8	6 21
W 9	15 50	18 31	3 47	6 26	0 26	1 11	0 30	21 13	0 59	8 2	1 26	9 39	1 51	8 1	0 35	20 58	1 30	11 37	10 56	23 24	23 22	23 26	14 6	6 21
T 10	15 33	21 15	2 58	5 48	0 36	0 41	0 26	21 5	1 0	8 2	1 26	9 40	1 52	8 2	0 35	20 58	1 30	11 36	10 56	23 24	23 22	23 26	14 5	6 21
F 11	15 15	23 1	2 2	5 10	0 46	0 10	0 22	20 57	1 0	8 2	1 27	9 42	1 52	8 3	0 35	20 58	1 30	11 36	10 56	23 24	23 22	23 25	14 3	6 21
S 12	14 57	23 44	1 1	4 33	0 56	0s21	0 18	20 49	1 1	8 2	1 27	9 44	1 52	8 4	0 35	20 58	1 30	11 36	10 56	23 24	23 22	23 24	14 2	6 22
S 13	14 39	23 23	0n 2	3 56	1 6	0 51	0 14	20 41	1 1	8 2	1 27	9 45	1 52	8 4	0 35	20 58	1 30	11 36	10 57	23 24	23 22	23 24	14 0	6 22
M14	14 21	21 58	1 5	3 20	1 17	1 22	0 10	20 32	1 1	8 2	1 27	9 47	1 52	8 5	0 35	20 58	1 30	11 36	10 57	23 24	23 22	23 23	13 59	6 22
T 15	14 2	19 34	2 6	2 45	1 27	1 52	0 6	20 23	1 2	8 2	1 28	9 49	1 52	8 6	0 35	20 58	1 30	11 36	10 57	23 24	23 22	23 22	13 57	6 22
W16	13 43	16 17	3 2	2 11	1 38	2 23	0 2	20 15	1 2	8 1	1 28	9 50	1 52	8 7	0 34	20 58	1 30	11 36	10 57	23 24	23 22	23 22	13 56	6 23
T 17	13 24	12 15	3 51	1 38	1 48	2 53	0s 2	20 6	1 2	8 1	1 28	9 52	1 52	8 8	0 34	20 58	1 30	11 36	10 57	23 24	23 21	23 21	13 54	6 23
F 18	13 5	7 37	4 28	1 5	1 59	3 24	0 6	19 57	1 3	8 0	1 28	9 54	1 53	8 9	0 34	20 58	1 30	11 36	10 58	23 24	23 21	23 20	13 53	6 23
S 19	12 45	2 36	4 54	0 34	2 10	3 54	0 11	19 48	1 3	8 0	1 29	9 56	1 53	8 10	0 34	20 58	1 30	11 35	10 58	23 23	23 21	23 20	13 51	6 23
S 20	12 26	2n37	5 4	0 4	2 20	4 24	0 15	19 38	1 3	7 59	1 29	9 57	1 53	8 11	0 34	20 58	1 30	11 35	10 58	23 23	23 21	23 19	13 50	6 24
M21	12 6	7 48	4 58	0s24	2 31	4 55	0 20	19 29	1 4	7 58	1 29	9 59	1 53	8 12	0 34	20 58	1 30	11 35	10 58	23 23	23 21	23 18	13 48	6 24
T 22	11 46	12 41	4 36	0 52	2 41	5 25	0 24	19 19	1 4	7 57	1 29	10 1	1 53	8 13	0 34	20 58	1 30	11 35	10 58	23 23	23 21	23 18	13 47	6 24
W23	11 26	17 0	3 58	1 18	2 52	5 55	0 29	19 10	1 4	7 56	1 30	10 3	1 53	8 14	0 34	20 58	1 30	11 35	10 58	23 23	23 21	23 17	13 45	6 24
T 24	11 5	20 27	3 6	1 42	3 2	6 25	0 33	19 0	1 5	7 55	1 30	10 4	1 53	8 15	0 34	20 58	1 30	11 35	10 59	23 23	23 21	23 16	13 43	6 25
F 25	10 45	22 44	2 2	2 4	3 12	6 55	0 38	18 50	1 5	7 54	1 30	10 6	1 53	8 16	0 34	20 58	1 30	11 35	10 59	23 23	23 21	23 16	13 42	6 25
S 26	10 24	23 38	0 50	2 25	3 21	7 24	0 43	18 40	1 6	7 53	1 30	10 8	1 53	8 17	0 34	20 58	1 30	11 34	10 59	23 23	23 20	23 15	13 40	6 25
S 27	10 3	22 59	0s26	2 43	3 31	7 54	0 48	18 30	1 6	7 52	1 31	10 10	1 53	8 18	0 34	20 58	1 30	11 34	10 59	23 23	23 20	23 14	13 39	6 26
M28	9 42	20 50	1 40	2 59	3 39	8 23	0 52	18 19	1 6	7 51	1 31	10 12	1 54	8 19	0 34	20 58	1 29	11 34	10 59	23 23	23 20	23 13	13 37	6 26
T 29	9 21	17 21	2 49	3 13	3 48	8 53	0 57	18 9	1 7	7 50	1 31	10 13	1 54	8 20	0 34	20 59	1 29	11 34	11 0	23 22	23 20	23 13	13 35	6 26
W30	8 59	12 50	3 46	3 24	3 56	9 22	1 2	17 58	1 7	7 48	1 31	10 15	1 54	8 21	0 34	20 59	1 29	11 34	11 0	23 22	23 20	23 12	13 34	6 27
T 31	8n38	7n39	4s29	3s32	4s 3	9s51	1s 7	17n48	1n 7	7n47	1s32	10s17	1s54	8s22	0n34	20s59	1n29	11n34	11s 0	23s22	23s20	23s11	13n32	6s27

Julian Day Number = 2503256.5, Delta T = 116.07 sec
Ecliptic obliquity = 23°25'14, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°43'07, Lahiri = 25°50'07

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ASTRODIENST EPHEMERIS for the year 2141
geocentric

SEPTEMBER 2141 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 41 18	8♍46'52	12♍58	29°R32	23♎44	14♌16	23°R40	8°R 2	22♎57	13♐57	14♊15	26°R 2	25♐ 6	27♐37	1♌30	F 1
S 2	22 45 14	9°44'54	26°47	29♍25	24°49	14°54	23♈36	7♓57	23° 0	13°57	14°15	25♐50	25° 2	27°44	1°36	S 2
S 3	22 49 11	10°42'57	10♎14	29°12	25°54	15°33	23°32	7°53	23° 3	13°57	14°15	25°39	24°59	27°51	1°41	S 3
M 4	22 53 7	11°41'02	23°19	28°52	26°58	16°11	23°28	7°48	23° 6	13°57	14°16	25°30	24°56	27°57	1°47	M 4
T 5	22 57 4	12°39'09	6♏ 1	28°27	28° 2	16°49	23°24	7°44	23° 9	13°58	14°16	25°23	24°53	28° 4	1°53	T 5
W 6	23 1 1	13°37'16	18°24	27°55	29° 6	17°27	23°19	7°39	23°12	13°58	14°16	25°18	24°50	28°11	1°59	W 6
T 7	23 4 57	14°35'26	0♐31	27°17	0♏10	18° 5	23°15	7°35	23°15	13°58	14°16	25°15	24°47	28°17	2° 4	T 7
F 8	23 8 54	15°33'36	12°26	26°33	1°14	18°43	23°10	7°30	23°19	13°59	14°16	25°D15	24°43	28°24	2°10	F 8
S 9	23 12 50	16°31'49	24°15	25°45	2°17	19°21	23° 5	7°26	23°22	13°59	14°16	25°R15	24°40	28°31	2°16	S 9
S 10	23 16 47	17°30'02	6♑ 4	24°52	3°20	19°59	23° 0	7°21	23°25	14° 0	14°17	25°14	24°37	28°37	2°21	S 10
M11	23 20 43	18°28'18	17°57	23°55	4°23	20°37	22°55	7°17	23°28	14° 0	14°17	25°13	24°34	28°44	2°27	M11
T 12	23 24 40	19°26'34	0♒ 0	22°56	5°26	21°15	22°49	7°12	23°32	14° 1	14°17	25° 9	24°31	28°51	2°32	T 12
W13	23 28 36	20°24'53	12°17	21°55	6°28	21°53	22°44	7° 8	23°35	14° 1	14°17	25° 2	24°27	28°57	2°37	W13
T 14	23 32 33	21°23'12	24°50	20°55	7°30	22°31	22°38	7° 4	23°38	14° 2	14°R17	24°53	24°24	29° 4	2°43	T 14
F 15	23 36 30	22°21'34	7♓42	19°55	8°32	23° 9	22°32	6°59	23°42	14° 3	14°17	24°42	24°21	29°10	2°48	F 15
S 16	23 40 26	23°19'57	20°52	18°59	9°33	23°47	22°26	6°55	23°45	14° 3	14°17	24°29	24°18	29°17	2°53	S 16
S 17	23 44 23	24°18'22	4♈18	18° 7	10°34	24°25	22°20	6°51	23°48	14° 4	14°17	24°17	24°15	29°24	2°58	S 17
M18	23 48 19	25°16'49	17°59	17°20	11°35	25° 2	22°14	6°47	23°52	14° 5	14°16	24° 5	24°12	29°30	3° 3	M18
T 19	23 52 16	26°15'18	1♉50	16°40	12°35	25°40	22° 7	6°42	23°55	14° 5	14°16	23°56	24° 8	29°37	3° 8	T 19
W20	23 56 12	27°13'49	15°48	16° 7	13°36	26°18	22° 1	6°38	23°59	14° 6	14°16	23°49	24° 5	29°44	3°13	W20
T 21	0 0 9	28°12'23	29°51	15°43	14°35	26°56	21°54	6°34	24° 2	14° 7	14°16	23°46	24° 2	29°50	3°18	T 21
F 22	0 4 5	29°10'58	13♊57	15°29	15°35	27°33	21°47	6°30	24° 6	14° 8	14°16	23°44	23°59	29°57	3°23	F 22
S 23	0 8 2	0♎ 9'36	28° 3	15°D23	16°34	28°11	21°40	6°26	24° 9	14° 9	14°16	23°44	23°56	0♑ 4	3°28	S 23
S 24	0 11 59	1° 8'16	12♋ 9	15°28	17°33	28°49	21°33	6°22	24°13	14°10	14°15	23°44	23°53	0°10	3°33	S 24
M25	0 15 55	2° 6'59	26°15	15°43	18°31	29°26	21°26	6°18	24°16	14°11	14°15	23°42	23°49	0°17	3°37	M25
T 26	0 19 52	3° 5'43	10♌18	16° 7	19°29	0♍ 4	21°19	6°15	24°20	14°12	14°15	23°38	23°46	0°24	3°42	T 26
W27	0 23 48	4° 4'30	24°17	16°40	20°26	0°41	21°11	6°11	24°23	14°13	14°15	23°32	23°43	0°30	3°46	W27
T 28	0 27 45	5° 3'19	8♍ 9	17°22	21°23	1°19	21° 4	6° 7	24°27	14°14	14°14	23°22	23°40	0°37	3°51	T 28
F 29	0 31 41	6° 2'09	21°51	18°13	22°20	1°56	20°56	6° 4	24°31	14°15	14°14	23°11	23°37	0°43	3°55	F 29
S 30	0 35 38	7♎ 1'02	5♎19	19♍12	23♏16	2♍34	20♈49	6♓ 0	24♎34	14♐16	14♊14	22♐58	23♐33	0♑50	4♌ 0	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n16	2n 9	4s54	3s37	4s 9	10s20	1s12	17n37	1n 8	7n45	1s32	10s19	1s54	8s23	0n34	20s59	1n29	11n34	11s 0	23s22	23s20	23s10	13n31	6s27
S 2	7 54	3s20	5 2	3 40	4 14	10 48	1 17	17 26	1 8	7 44	1 32	10 20	1 54	8 25	0 34	20 59	1 29	11 33	11 0	23 21	23 20	23 10	13 29	6 28
S 3	7 33	8 32	4 52	3 38	4 19	11 16	1 22	17 15	1 8	7 42	1 32	10 22	1 54	8 26	0 34	20 59	1 29	11 33	11 1	23 21	23 20	23 9	13 27	6 28
M 4	7 11	13 11	4 27	3 33	4 22	11 45	1 27	17 4	1 9	7 40	1 32	10 24	1 54	8 27	0 34	20 59	1 29	11 33	11 1	23 21	23 19	23 8	13 26	6 28
T 5	6 48	17 8	3 50	3 25	4 24	12 13	1 33	16 53	1 9	7 39	1 33	10 26	1 54	8 28	0 34	20 59	1 29	11 33	11 1	23 20	23 19	23 7	13 24	6 29
W 6	6 26	20 13	3 2	3 13	4 24	12 40	1 38	16 41	1 9	7 37	1 33	10 27	1 54	8 29	0 34	20 59	1 29	11 33	11 1	23 20	23 19	23 6	13 23	6 29
T 7	6 4	22 19	2 7	2 57	4 23	13 8	1 43	16 30	1 9	7 35	1 33	10 29	1 54	8 30	0 34	20 59	1 29	11 32	11 1	23 20	23 19	23 6	13 21	6 29
F 8	5 41	23 23	1 8	2 37	4 20	13 35	1 48	16 18	1 10	7 33	1 33	10 31	1 54	8 32	0 34	20 59	1 29	11 32	11 2	23 20	23 19	23 5	13 19	6 30
S 9	5 19	23 23	0 5	2 13	4 16	14 2	1 53	16 7	1 10	7 31	1 34	10 33	1 54	8 33	0 34	20 59	1 29	11 32	11 2	23 20	23 19	23 4	13 18	6 30
S 10	4 56	22 20	0n57	1 46	4 9	14 28	1 59	15 55	1 10	7 29	1 34	10 34	1 54	8 34	0 34	21 0	1 29	11 32	11 2	23 20	23 19	23 3	13 16	6 31
M11	4 33	20 17	1 57	1 16	4 1	14 55	2 4	15 43	1 11	7 27	1 34	10 36	1 54	8 35	0 34	21 0	1 29	11 32	11 2	23 20	23 19	23 2	13 15	6 31
T 12	4 11	17 19	2 53	0 43	3 50	15 21	2 9	15 32	1 11	7 25	1 34	10 38	1 54	8 36	0 34	21 0	1 29	11 32	11 2	23 20	23 18	23 2	13 13	6 32
W13	3 48	13 33	3 42	0 8	3 38	15 47	2 14	15 20	1 11	7 22	1 34	10 39	1 54	8 38	0 34	21 0	1 29	11 31	11 3	23 20	23 18	23 1	13 11	6 32
T 14	3 25	9 8	4 21	0n29	3 24	16 12	2 20	15 8	1 12	7 20	1 34	10 41	1 54	8 39	0 34	21 0	1 29	11 31	11 3	23 19	23 18	23 0	13 10	6 32
F 15	3 2	4 13	4 47	1 6	3 8	16 37	2 25	14 55	1 12	7 18	1 35	10 42	1 54	8 40	0 34	21 0	1 28	11 31	11 3	23 19	23 18	22 59	13 8	6 33
S 16	2 39	0n59	5 0	1 44	2 51	17 2	2 30	14 43	1 12	7 15	1 35	10 44	1 54	8 41	0 34	21 0	1 28	11 31	11 3	23 18	23 18	22 58	13 7	6 33
S 17	2 16	6 14	4 56	2 21	2 33	17 26	2 35	14 31	1 13	7 13	1 35	10 46	1 54	8 43	0 34	21 0	1 28	11 31	11 3	23 18	23 18	22 57	13 5	6 34
M18	1 52	11 17	4 35	2 57	2 14	17 51	2 41	14 19	1 13	7 11	1 35	10 47	1 54	8 44	0 34	21 1	1 28	11 30	11 4	23 17	23 18	22 57	13 3	6 34
T 19	1 29	15 49	3 58	3 31	1 54	18 14	2 46	14 6	1 13	7 8	1 35	10 49	1 54	8 45	0 34	21 1	1 28	11 30	11 4	23 17	23 17	22 56	13 2	6 35
W20	1 6	19 32	3 6	4 1	1 34	18 38	2 51	13 54	1 13	7 5	1 35	10 50	1 54	8 46	0 34	21 1	1 28	11 30	11 4	23 17	23 17	22 55	13 0	6 35
T 21	0 43	22 6	2 3	4 29	1 14	19 1	2 56	13 41	1 14	7 3	1 35	10 52	1 54	8 48	0 34	21 1	1 28	11 30	11 4	23 16	23 17	22 54	12 59	6 36
F 22	0 19	23 19	0 52	4 53	0 55	19 23	3 2	13 28	1 14	7 0	1 36	10 53	1 54	8 49	0 34	21 1	1 28	11 30	11 4	23 16	23 17	22 53	12 57	6 36
S 23	0s 4	23 2	0s23	5 12	0 36	19 46	3 7	13 15	1 14	6 58	1 36	10 55	1 54	8 50	0 34	21 1	1 28	11 29	11 5	23 16	23 17	22 52	12 56	6 37
S 24	0 27	21 16	1 36	5 27	0 17	20 7	3 12	13 3	1 15	6 55	1 36	10 56	1 54	8 52	0 33	21 2	1 28	11 29	11 5	23 16	23 17	22 51	12 54	6 37
M25	0 50	18 13	2 43	5 38	0n 0	20 29	3 17	12 50	1 15	6 52	1 36	10 58	1 54	8 53	0 33	21 2	1 28	11 29	11 5	23 16	23 17	22 50	12 52	6 38
T 26	1 14	14 7	3 40	5 44	0 16	20 50	3 22	12 37	1 15	6 49	1 36	10 59	1 54	8 54	0 33	21 2	1 28	11 29	11 5	23 16	23 16	22 50	12 51	6 38
W27	1 37	9 16	4 23	5 45	0 32	21 10	3 27	12 24	1 15	6 46	1 36	11 0	1 54	8 56	0 33	21 2	1 28	11 28	11 5	23 16	23 16	22 49	12 49	6 39
T 28	2 0	4 0	4 51	5 41	0 46	21 31	3 32	12 11	1 16	6 44	1 36	11 2	1 54	8 57	0 33	21 2	1 28	11 28	11 5	23 15	23 16	22 48	12 48	6 39
F 29	2 24	1s23	5 1	5 33	0 58	21 50	3 37	11 58	1 16	6 41	1 36	11 3	1 54	8 58	0 33	21 2	1 28	11 28	11 6	23 15	23 16	22 47	12 46	6 40
S 30	2s47	6s37	4s54	5n20	1n 9	22s10	3s42	11n44	1n16	6n38	1s36	11s 4	1s54	9s 0	0n33	21s 3	1n28	11n28	11s 6	23s14	23s16	22s46	12n45	6s41

Julian Day Number = 2503287.5, Delta T = 116.12 sec
Ecliptic obliquity = 23°25'15, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°43'11, Lahiri = 25°50'12

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ASTRODIENST EPHEMERIS for the year 2141
geocentric

OCTOBER 2141 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 34	7♎59'57	18♎31	20♍17	24♏12	3♍11	20°R41	5°R56	24♎38	14♐17	14°R13	22°R46	23♐30	0♑57	4♌ 4	S 1
M 2	0 43 31	8°58'54	1♏25	21°30	25° 7	3°48	20♈33	5♓53	24°42	14°18	14♊13	22♐36	23°27	1° 3	4° 8	M 2
T 3	0 47 28	9°57'53	14° 0	22°48	26° 2	4°26	20°25	5°50	24°45	14°19	14°13	22°28	23°24	1°10	4°12	T 3
W 4	0 51 24	10°56'54	26°19	24°10	26°56	5° 3	20°18	5°46	24°49	14°21	14°12	22°22	23°21	1°17	4°16	W 4
T 5	0 55 21	11°55'57	8♐23	25°38	27°50	5°40	20°10	5°43	24°53	14°22	14°12	22°19	23°18	1°23	4°20	T 5
F 6	0 59 17	12°55'01	20°17	27° 9	28°43	6°18	20° 2	5°40	24°56	14°23	14°11	22°D18	23°14	1°30	4°24	F 6
S 7	1 3 14	13°54'07	2♑ 6	28°43	29°35	6°55	19°54	5°37	25° 0	14°24	14°11	22°18	23°11	1°37	4°28	S 7
S 8	1 7 10	14°53'15	13°54	0♎20	0♐27	7°32	19°46	5°34	25° 4	14°26	14°10	22°R19	23° 8	1°43	4°32	S 8
M 9	1 11 7	15°52'25	25°48	1°59	1°18	8° 9	19°38	5°31	25° 8	14°27	14°10	22°18	23° 5	1°50	4°35	M 9
T 10	1 15 3	16°51'37	7♒52	3°40	2° 8	8°46	19°30	5°28	25°11	14°29	14° 9	22°16	23° 2	1°57	4°39	T 10
W11	1 19 0	17°50'50	20°11	5°23	2°58	9°23	19°21	5°25	25°15	14°30	14° 9	22°11	22°58	2° 3	4°42	W11
T 12	1 22 56	18°50'05	2♓50	7° 6	3°47	10° 0	19°13	5°23	25°19	14°31	14° 8	22° 4	22°55	2°10	4°46	T 12
F 13	1 26 53	19°49'21	15°51	8°50	4°35	10°37	19° 5	5°20	25°23	14°33	14° 8	21°56	22°52	2°17	4°49	F 13
S 14	1 30 50	20°48'40	29°15	10°34	5°22	11°14	18°57	5°18	25°26	14°34	14° 7	21°45	22°49	2°23	4°52	S 14
S 15	1 34 46	21°48'01	13♈ 0	12°19	6° 9	11°51	18°49	5°15	25°30	14°36	14° 6	21°35	22°46	2°30	4°55	S 15
M16	1 38 43	22°47'23	27° 4	14° 3	6°55	12°28	18°41	5°13	25°34	14°37	14° 6	21°26	22°43	2°36	4°58	M16
T 17	1 42 39	23°46'48	11♉21	15°48	7°39	13° 5	18°33	5°11	25°38	14°39	14° 5	21°18	22°39	2°43	5° 1	T 17
W18	1 46 36	24°46'15	25°46	17°32	8°23	13°42	18°25	5° 8	25°41	14°41	14° 4	21°13	22°36	2°50	5° 4	W18
T 19	1 50 32	25°45'44	10♊14	19°16	9° 6	14°19	18°17	5° 6	25°45	14°42	14° 4	21°11	22°33	2°56	5° 7	T 19
F 20	1 54 29	26°45'15	24°38	21° 0	9°48	14°56	18° 9	5° 4	25°49	14°44	14° 3	21°D10	22°30	3° 3	5°10	F 20
S 21	1 58 25	27°44'49	8♋56	22°44	10°29	15°33	18° 1	5° 3	25°53	14°45	14° 2	21°11	22°27	3°10	5°12	S 21
S 22	2 2 22	28°44'25	23° 6	24°27	11° 8	16° 9	17°53	5° 1	25°57	14°47	14° 2	21°R12	22°24	3°16	5°15	S 22
M23	2 6 19	29°44'03	7♌ 7	26° 9	11°47	16°46	17°46	4°59	26° 0	14°49	14° 1	21°12	22°20	3°23	5°18	M23
T 24	2 10 15	0♏43'43	20°57	27°51	12°24	17°23	17°38	4°58	26° 4	14°51	14° 0	21°10	22°17	3°30	5°20	T 24
W25	2 14 12	1°43'26	4♍37	29°32	13° 0	17°59	17°30	4°56	26° 8	14°52	13°59	21° 6	22°14	3°36	5°22	W25
T 26	2 18 8	2°43'11	18° 5	1♏13	13°35	18°36	17°23	4°55	26°12	14°54	13°58	21° 0	22°11	3°43	5°24	T 26
F 27	2 22 5	3°42'58	1♎22	2°54	14° 9	19°13	17°15	4°53	26°15	14°56	13°58	20°52	22° 8	3°50	5°26	F 27
S 28	2 26 1	4°42'47	14°26	4°33	14°41	19°49	17° 8	4°52	26°19	14°58	13°57	20°44	22° 4	3°56	5°28	S 28
S 29	2 29 58	5°42'38	27°17	6°13	15°11	20°26	17° 1	4°51	26°23	15° 0	13°56	20°35	22° 1	4° 3	5°30	S 29
M30	2 33 54	6°42'32	9♏53	7°51	15°41	21° 2	16°54	4°50	26°27	15° 1	13°55	20°28	21°58	4°10	5°32	M30
T 31	2 37 51	7♏42'27	22♏16	9♏29	16♐ 8	21♍39	16♈46	4♓49	26♎30	15♐ 3	13♊54	20♐23	21♐55	4♑16	5♌34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s10	11s26	4s32	5n 4	1n19	22s29	3s47	11n31	1n17	6n35	1s36	11s 5	1s54	9s 1	0n33	21s 3	1n28	11n28	11s 6	23s13	23s16	22s45	12n43	6s41
M 2	3 33	15 38	3 56	4 43	1 28	22 47	3 52	11 18	1 17	6 32	1 36	11 7	1 54	9 2	0 33	21 3	1 28	11 27	11 6	23 13	23 16	22 44	12 42	6 42
T 3	3 57	19 2	3 9	4 19	1 36	23 5	3 57	11 4	1 17	6 29	1 37	11 8	1 54	9 4	0 33	21 3	1 28	11 27	11 6	23 12	23 15	22 43	12 40	6 42
W 4	4 20	21 29	2 14	3 52	1 42	23 22	4 2	10 51	1 17	6 26	1 37	11 9	1 54	9 5	0 33	21 3	1 27	11 27	11 7	23 12	23 15	22 42	12 39	6 43
T 5	4 43	22 54	1 13	3 22	1 47	23 39	4 6	10 38	1 18	6 23	1 37	11 10	1 54	9 7	0 33	21 3	1 27	11 27	11 7	23 12	23 15	22 41	12 37	6 43
F 6	5 6	23 15	0 11	2 49	1 51	23 56	4 11	10 24	1 18	6 20	1 37	11 11	1 54	9 8	0 33	21 4	1 27	11 26	11 7	23 12	23 15	22 40	12 36	6 44
S 7	5 29	22 32	0n52	2 14	1 53	24 12	4 15	10 11	1 18	6 17	1 37	11 12	1 54	9 9	0 33	21 4	1 27	11 26	11 7	23 12	23 15	22 39	12 34	6 45
S 8	5 52	20 50	1 53	1 38	1 55	24 27	4 20	9 57	1 18	6 14	1 37	11 13	1 53	9 11	0 33	21 4	1 27	11 26	11 7	23 12	23 15	22 38	12 33	6 45
M 9	6 14	18 12	2 49	0 59	1 56	24 42	4 24	9 43	1 19	6 11	1 37	11 14	1 53	9 12	0 33	21 4	1 27	11 26	11 7	23 12	23 14	22 37	12 32	6 46
T 10	6 37	14 46	3 38	0 19	1 56	24 57	4 28	9 30	1 19	6 8	1 37	11 15	1 53	9 13	0 33	21 4	1 27	11 26	11 8	23 12	23 14	22 36	12 30	6 46
W11	7 0	10 39	4 19	0s22	1 55	25 11	4 32	9 16	1 19	6 5	1 37	11 16	1 53	9 15	0 33	21 5	1 27	11 25	11 8	23 11	23 14	22 35	12 29	6 47
T 12	7 22	5 59	4 48	1 4	1 54	25 24	4 36	9 2	1 19	6 2	1 37	11 17	1 53	9 16	0 33	21 5	1 27	11 25	11 8	23 11	23 14	22 34	12 27	6 48
F 13	7 45	0 55	5 3	1 47	1 52	25 38	4 40	8 48	1 20	5 59	1 37	11 18	1 53	9 18	0 33	21 5	1 27	11 25	11 8	23 10	23 14	22 33	12 26	6 48
S 14	8 7	4n19	5 2	2 30	1 49	25 50	4 44	8 35	1 20	5 56	1 37	11 19	1 53	9 19	0 33	21 5	1 27	11 25	11 8	23 10	23 14	22 32	12 25	6 49
S 15	8 29	9 29	4 44	3 14	1 46	26 2	4 47	8 21	1 20	5 53	1 37	11 20	1 53	9 20	0 33	21 6	1 27	11 24	11 8	23 9	23 13	22 32	12 23	6 50
M16	8 51	14 17	4 8	3 58	1 42	26 13	4 51	8 7	1 20	5 50	1 36	11 20	1 53	9 22	0 33	21 6	1 27	11 24	11 9	23 9	23 13	22 31	12 22	6 50
T 17	9 13	18 20	3 17	4 42	1 38	26 24	4 54	7 53	1 21	5 47	1 36	11 21	1 53	9 23	0 33	21 6	1 27	11 24	11 9	23 8	23 13	22 29	12 21	6 51
W18	9 35	21 19	2 12	5 26	1 34	26 35	4 57	7 39	1 21	5 44	1 36	11 22	1 53	9 24	0 33	21 6	1 27	11 24	11 9	23 8	23 13	22 28	12 19	6 51
T 19	9 57	22 56	0 58	6 10	1 29	26 45	5 0	7 25	1 21	5 41	1 36	11 23	1 53	9 26	0 33	21 6	1 27	11 24	11 9	23 8	23 13	22 27	12 18	6 52
F 20	10 18	23 0	0s19	6 54	1 24	26 54	5 3	7 11	1 21	5 38	1 36	11 23	1 52	9 27	0 33	21 7	1 27	11 23	11 9	23 8	23 12	22 26	12 17	6 53
S 21	10 40	21 33	1 34	7 37	1 18	27 3	5 6	6 57	1 22	5 35	1 36	11 24	1 52	9 29	0 33	21 7	1 27	11 23	11 9	23 8	23 12	22 25	12 16	6 53
S 22	11 1	18 46	2 43	8 21	1 12	27 11	5 8	6 43	1 22	5 32	1 36	11 24	1 52	9 30	0 33	21 7	1 27	11 23	11 9	23 8	23 12	22 24	12 14	6 54
M23	11 22	14 54	3 42	9 3	1 7	27 19	5 11	6 29	1 22	5 29	1 36	11 25	1 52	9 31	0 33	21 7	1 27	11 23	11 10	23 8	23 12	22 23	12 13	6 55
T 24	11 43	10 17	4 26	9 46	1 1	27 26	5 13	6 15	1 22	5 26	1 36	11 25	1 52	9 33	0 33	21 8	1 27	11 23	11 10	23 8	23 12	22 22	12 12	6 55
W25	12 4	5 14	4 55	10 27	0 54	27 33	5 15	6 1	1 22	5 24	1 36	11 26	1 52	9 34	0 33	21 8	1 27	11 22	11 10	23 7	23 12	22 21	12 11	6 56
T 26	12 24	0s 1	5 7	11 8	0 48	27 39	5 16	5 46	1 23	5 21	1 36	11 26	1 52	9 35	0 33	21 8	1 27	11 22	11 10	23 7	23 11	22 20	12 10	6 57
F 27	12 45	5 10	5 3	11 49	0 41	27 44	5 18	5 32	1 23	5 18	1 35	11 27	1 52	9 37	0 33	21 8	1 26	11 22	11 10	23 6	23 11	22 19	12 8	6 57
S 28	13 5	10 1	4 42	12 29	0 35	27 49	5 19	5 18	1 23	5 15	1 35	11 27	1 52	9 38	0 33	21 8	1 26	11 22	11 10	23 6	23 11	22 18	12 7	6 58
S 29	13 25	14 21	4 8	13 8	0 28	27 54	5 20	5 4	1 23	5 13	1 35	11 27	1 51	9 39	0 33	21 9	1 26	11 21	11 10	23 5	23 11	22 17	12 6	6 59
M30	13 45	17 57	3 21	13 47	0 22	27 57	5 20	4 50	1 24	5 10	1 35	11 27	1 51	9 41	0 33	21 9	1 26	11 21	11 10	23 5	23 11	22 16	12 5	7 0
T 31	14s 4	20s41	2s26	14s24	0n15	28s 1	5s21	4n36	1n24	5n 8	1s35	11s28	1s51	9s42	0n33	21s 9	1n26	11n21	11s10	23s 4	23s10	22s15	12n 4	7s 0

Julian Day Number = 2503317.5, Delta T = 116.18 sec
Ecliptic obliquity = 23°25'15, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°43'15, Lahiri = 25°50'16

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ASTRODIENST EPHEMERIS for the year 2141
geocentric

NOVEMBER 2141 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 41 48	8♏42'24	4♐26	11♏ 7	16♐34	22♍15	16°R40	4°R48	26♎34	15♐ 5	13°R53	20°R19	21♐52	4♑23	5♌36	W 1
T 2	2 45 44	9°42'23	16°26	12°44	16°58	22°51	16♈33	4♓48	26°38	15° 7	13♊52	20°D18	21°49	4°29	5°37	T 2
F 3	2 49 41	10°42'23	28°17	14°21	17°21	23°28	16°26	4°47	26°42	15° 9	13°51	20♐18	21°45	4°36	5°38	F 3
S 4	2 53 37	11°42'26	10♑ 5	15°57	17°41	24° 4	16°19	4°47	26°45	15°11	13°50	20°19	21°42	4°43	5°40	S 4
S 5	2 57 34	12°42'29	21°52	17°33	18° 0	24°40	16°13	4°46	26°49	15°13	13°50	20°21	21°39	4°49	5°41	S 5
M 6	3 1 30	13°42'35	3♒44	19° 8	18°17	25°16	16° 7	4°46	26°53	15°15	13°49	20°22	21°36	4°56	5°42	M 6
T 7	3 5 27	14°42'42	15°47	20°43	18°32	25°53	16° 0	4°46	26°56	15°17	13°48	20°R23	21°33	5° 3	5°43	T 7
W 8	3 9 23	15°42'50	28° 4	22°17	18°45	26°29	15°54	4°D46	27° 0	15°19	13°47	20°22	21°30	5° 9	5°44	W 8
T 9	3 13 20	16°43'00	10♓41	23°51	18°55	27° 5	15°49	4°46	27° 4	15°21	13°46	20°20	21°26	5°16	5°45	T 9
F 10	3 17 17	17°43'12	23°42	25°25	19° 4	27°41	15°43	4°46	27° 7	15°23	13°45	20°16	21°23	5°23	5°46	F 10
S 11	3 21 13	18°43'25	7♈ 9	26°58	19°10	28°17	15°37	4°46	27°11	15°25	13°44	20°11	21°20	5°29	5°46	S 11
S 12	3 25 10	19°43'39	21° 1	28°31	19°13	28°53	15°32	4°47	27°14	15°27	13°43	20° 6	21°17	5°36	5°47	S 12
M13	3 29 6	20°43'56	5♉18	0♐ 4	19°R15	29°29	15°27	4°47	27°18	15°29	13°42	20° 2	21°14	5°43	5°47	M13
T 14	3 33 3	21°44'13	19°54	1°36	19°14	0♎ 5	15°22	4°48	27°21	15°31	13°40	19°58	21°10	5°49	5°48	T 14
W15	3 36 59	22°44'33	4♊43	3° 8	19°10	0°40	15°17	4°48	27°25	15°33	13°39	19°56	21° 7	5°56	5°48	W15
T 16	3 40 56	23°44'54	19°36	4°40	19° 4	1°16	15°12	4°49	27°28	15°36	13°38	19°D55	21° 4	6° 3	5°48	T 16
F 17	3 44 52	24°45'18	4♋26	6°11	18°56	1°52	15° 7	4°50	27°32	15°38	13°37	19°56	21° 1	6° 9	5°R48	F 17
S 18	3 48 49	25°45'43	19° 7	7°42	18°45	2°28	15° 3	4°51	27°35	15°40	13°36	19°57	20°58	6°16	5°48	S 18
S 19	3 52 46	26°46'09	3♌33	9°13	18°32	3° 3	14°59	4°52	27°39	15°42	13°35	19°59	20°55	6°23	5°48	S 19
M20	3 56 42	27°46'38	17°42	10°44	18°16	3°39	14°55	4°53	27°42	15°44	13°34	20° 0	20°51	6°29	5°48	M20
T 21	4 0 39	28°47'08	1♍32	12°14	17°59	4°15	14°51	4°54	27°46	15°46	13°33	20°R 0	20°48	6°36	5°47	T 21
W22	4 4 35	29°47'41	15° 4	13°44	17°38	4°50	14°47	4°56	27°49	15°49	13°32	19°59	20°45	6°42	5°47	W22
T 23	4 8 32	0♐48'14	28°18	15°13	17°16	5°26	14°44	4°57	27°52	15°51	13°31	19°58	20°42	6°49	5°46	T 23
F 24	4 12 28	1°48'50	11♎16	16°42	16°51	6° 1	14°41	4°59	27°56	15°53	13°30	19°55	20°39	6°56	5°46	F 24
S 25	4 16 25	2°49'28	23°59	18°11	16°25	6°36	14°38	5° 1	27°59	15°55	13°29	19°53	20°36	7° 2	5°45	S 25
S 26	4 20 21	3°50'07	6♏29	19°40	15°56	7°12	14°35	5° 2	28° 2	15°57	13°27	19°50	20°32	7° 9	5°44	S 26
M27	4 24 18	4°50'47	18°48	21° 7	15°26	7°47	14°32	5° 4	28° 5	16° 0	13°26	19°48	20°29	7°16	5°43	M27
T 28	4 28 15	5°51'29	0♐57	22°35	14°54	8°22	14°30	5° 6	28° 9	16° 2	13°25	19°46	20°26	7°22	5°42	T 28
W29	4 32 11	6°52'13	12°57	24° 1	14°21	8°57	14°27	5° 8	28°12	16° 4	13°24	19°46	20°23	7°29	5°41	W29
T 30	4 36 8	7♐52'57	24♐50	25♐28	13♐47	9♎33	14♈25	5♓11	28♎15	16♐ 6	13♊23	19°D45	20♐20	7♑36	5♌40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s24	22s24	1s25	15s 1	0n 8	28s 3	5s21	4n22	1n24	5n 5	1s35	11s28	1s51	9s44	0n33	21s 9	1n26	11n21	11s11	23s 4	23s10	22s14	12n 3	7s 1
T 2	14 43	23 5	0 21	15 38	0 1	28 6	5 20	4 7	1 24	5 3	1 34	11 28	1 51	9 45	0 33	21 10	1 26	11 21	11 11	23 4	23 10	22 13	12 2	7 2
F 3	15 1	22 41	0n43	16 13	0s 5	28 7	5 20	3 53	1 24	5 0	1 34	11 28	1 51	9 46	0 33	21 10	1 26	11 20	11 11	23 4	23 10	22 12	12 1	7 2
S 4	15 20	21 17	1 46	16 48	0 12	28 8	5 18	3 39	1 25	4 58	1 34	11 28	1 51	9 48	0 33	21 10	1 26	11 20	11 11	23 4	23 10	22 11	12 0	7 3
S 5	15 38	18 57	2 44	17 21	0 19	28 9	5 17	3 25	1 25	4 56	1 34	11 28	1 51	9 49	0 33	21 10	1 26	11 20	11 11	23 4	23 9	22 9	11 59	7 4
M 6	15 56	15 49	3 35	17 54	0 26	28 8	5 15	3 11	1 25	4 53	1 34	11 28	1 51	9 50	0 33	21 11	1 26	11 20	11 11	23 4	23 9	22 8	11 58	7 4
T 7	16 14	11 59	4 18	18 26	0 32	28 7	5 13	2 57	1 25	4 51	1 34	11 28	1 50	9 51	0 33	21 11	1 26	11 20	11 11	23 4	23 9	22 7	11 57	7 5
W 8	16 32	7 36	4 50	18 57	0 39	28 6	5 10	2 42	1 26	4 49	1 33	11 28	1 50	9 53	0 33	21 11	1 26	11 19	11 11	23 4	23 9	22 6	11 56	7 6
T 9	16 49	2 48	5 8	19 27	0 45	28 4	5 7	2 28	1 26	4 47	1 33	11 28	1 50	9 54	0 33	21 11	1 26	11 19	11 11	23 4	23 9	22 5	11 55	7 6
F 10	17 6	2n17	5 12	19 56	0 52	28 1	5 4	2 14	1 26	4 45	1 33	11 28	1 50	9 55	0 33	21 12	1 26	11 19	11 11	23 4	23 8	22 4	11 54	7 7
S 11	17 23	7 25	4 59	20 24	0 58	27 58	5 0	2 0	1 26	4 43	1 33	11 28	1 50	9 57	0 33	21 12	1 26	11 19	11 11	23 3	23 8	22 3	11 54	7 8
S 12	17 39	12 21	4 29	20 51	1 4	27 53	4 55	1 46	1 26	4 41	1 32	11 27	1 50	9 58	0 33	21 12	1 26	11 19	11 11	23 3	23 8	22 2	11 53	7 9
M13	17 55	16 45	3 41	21 17	1 10	27 48	4 50	1 32	1 27	4 39	1 32	11 27	1 50	9 59	0 33	21 12	1 26	11 19	11 12	23 3	23 8	22 1	11 52	7 9
T 14	18 11	20 14	2 38	21 42	1 16	27 43	4 45	1 18	1 27	4 38	1 32	11 27	1 49	10 0	0 33	21 13	1 26	11 18	11 12	23 3	23 8	21 59	11 51	7 10
W15	18 27	22 25	1 23	22 6	1 22	27 36	4 39	1 4	1 27	4 36	1 32	11 26	1 49	10 2	0 33	21 13	1 26	11 18	11 12	23 2	23 7	21 58	11 50	7 11
T 16	18 42	23 3	0 2	22 29	1 27	27 29	4 32	0 50	1 27	4 34	1 31	11 26	1 49	10 3	0 33	21 13	1 26	11 18	11 12	23 2	23 7	21 57	11 50	7 11
F 17	18 57	22 2	1s19	22 51	1 33	27 21	4 25	0 36	1 27	4 33	1 31	11 25	1 49	10 4	0 33	21 13	1 26	11 18	11 12	23 2	23 7	21 56	11 49	7 12
S 18	19 11	19 31	2 34	23 11	1 38	27 12	4 17	0 22	1 27	4 31	1 31	11 25	1 49	10 5	0 33	21 14	1 26	11 18	11 12	23 2	23 7	21 55	11 48	7 13
S 19	19 25	15 49	3 38	23 31	1 43	27 3	4 8	0 8	1 28	4 30	1 31	11 24	1 49	10 7	0 33	21 14	1 26	11 18	11 12	23 3	23 7	21 54	11 48	7 13
M20	19 39	11 16	4 27	23 49	1 48	26 52	3 59	0s 6	1 28	4 29	1 30	11 24	1 49	10 8	0 33	21 14	1 26	11 17	11 12	23 3	23 6	21 52	11 47	7 14
T 21	19 52	6 15	5 0	24 6	1 53	26 41	3 49	0 20	1 28	4 28	1 30	11 23	1 49	10 9	0 33	21 14	1 26	11 17	11 12	23 3	23 6	21 51	11 47	7 15
W22	20 5	1 2	5 15	24 22	1 57	26 29	3 39	0 34	1 28	4 26	1 30	11 23	1 48	10 10	0 33	21 15	1 26	11 17	11 12	23 3	23 6	21 50	11 46	7 15
T 23	20 18	4s 6	5 12	24 37	2 1	26 16	3 28	0 48	1 28	4 25	1 30	11 22	1 48	10 11	0 33	21 15	1 26	11 17	11 12	23 2	23 6	21 49	11 46	7 16
F 24	20 30	8 58	4 54	24 50	2 5	26 2	3 17	1 2	1 29	4 24	1 29	11 21	1 48	10 13	0 33	21 15	1 26	11 17	11 12	23 2	23 5	21 48	11 45	7 17
S 25	20 42	13 21	4 22	25 2	2 9	25 47	3 5	1 16	1 29	4 23	1 29	11 21	1 48	10 14	0 33	21 15	1 26	11 17	11 12	23 2	23 5	21 46	11 45	7 17
S 26	20 54	17 5	3 37	25 13	2 12	25 32	2 52	1 30	1 29	4 23	1 29	11 20	1 48	10 15	0 33	21 16	1 26	11 17	11 12	23 2	23 5	21 45	11 44	7 18
M27	21 5	20 1	2 43	25 22	2 15	25 15	2 39	1 43	1 29	4 22	1 29	11 19	1 48	10 16	0 33	21 16	1 26	11 16	11 12	23 2	23 5	21 44	11 44	7 19
T 28	21 16	22 0	1 42	25 30	2 18	24 58	2 25	1 57	1 29	4 21	1 28	11 18	1 48	10 17	0 33	21 16	1 26	11 16	11 12	23 2	23 5	21 43	11 43	7 19
W29	21 26	22 57	0 38	25 37	2 20	24 41	2 11	2 11	1 29	4 21	1 28	11 17	1 48	10 18	0 33	21 16	1 26	11 16	11 12	23 2	23 4	21 42	11 43	7 20
T 30	21s36	22s51	0n28	25s42	2s22	24s22	1s57	2s24	1n30	4n20	1s28	11s16	1s47	10s19	0n33	21s17	1n26	11n16	11s12	23s 2	23s 4	21s40	11n43	7s21

Julian Day Number = 2503348.5, Delta T = 116.23 sec
Ecliptic obliquity = 23°25'14, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°43'20, Lahiri = 25°50'20

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ASTRODIENST EPHEMERIS for the year 2141
geocentric

DECEMBER 2141 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 40 4	8♐53'43	6♑39	26♐53	13°R12	10♎ 8	14°R24	5♓13	28♎18	16♐ 9	13°R22	19♐46	20♐16	7♑42	5°R39	F 1
S 2	4 44 1	9°54'31	18°26	28°17	12♐36	10°43	14♈22	5°15	28°21	16°11	13♊21	19°47	20°13	7°49	5♌37	S 2
S 3	4 47 57	10°55'19	0♒14	29°41	12° 0	11°18	14°20	5°18	28°24	16°13	13°19	19°48	20°10	7°56	5°36	S 3
M 4	4 51 54	11°56'08	12° 6	1♑ 3	11°24	11°52	14°19	5°21	28°27	16°15	13°18	19°49	20° 7	8° 2	5°34	M 4
T 5	4 55 50	12°56'58	24° 8	2°24	10°47	12°27	14°18	5°23	28°30	16°18	13°17	19°50	20° 4	8° 9	5°32	T 5
W 6	4 59 47	13°57'49	6♓22	3°43	10°11	13° 2	14°17	5°26	28°33	16°20	13°16	19°50	20° 1	8°16	5°30	W 6
T 7	5 3 44	14°58'40	18°54	5° 1	9°36	13°37	14°17	5°29	28°36	16°22	13°15	19°R50	19°57	8°22	5°29	T 7
F 8	5 7 40	15°59'33	1♈48	6°16	9° 1	14°11	14°17	5°32	28°39	16°24	13°14	19°50	19°54	8°29	5°27	F 8
S 9	5 11 37	17° 0'26	15° 7	7°29	8°27	14°46	14°D16	5°35	28°42	16°27	13°13	19°49	19°51	8°36	5°24	S 9
S 10	5 15 33	18° 1'20	28°54	8°39	7°55	15°21	14°16	5°38	28°45	16°29	13°11	19°49	19°48	8°42	5°22	S 10
M11	5 19 30	19° 2'15	13♉ 8	9°46	7°24	15°55	14°17	5°41	28°47	16°31	13°10	19°49	19°45	8°49	5°20	M11
T 12	5 23 26	20° 3'10	27°46	10°50	6°55	16°29	14°17	5°45	28°50	16°33	13° 9	19°D49	19°41	8°55	5°18	T 12
W13	5 27 23	21° 4'06	12♊44	11°49	6°27	17° 4	14°18	5°48	28°53	16°36	13° 8	19°R49	19°38	9° 2	5°15	W13
T 14	5 31 20	22° 5'04	27°53	12°43	6° 2	17°38	14°19	5°52	28°55	16°38	13° 7	19°49	19°35	9° 9	5°13	T 14
F 15	5 35 16	23° 6'02	13♋ 5	13°31	5°38	18°12	14°20	5°55	28°58	16°40	13° 6	19°49	19°32	9°15	5°10	F 15
S 16	5 39 13	24° 7'01	28° 9	14°14	5°17	18°46	14°21	5°59	29° 1	16°42	13° 5	19°49	19°29	9°22	5° 8	S 16
S 17	5 43 9	25° 8'01	12♌57	14°49	4°58	19°20	14°23	6° 3	29° 3	16°45	13° 4	19°48	19°26	9°29	5° 5	S 17
M18	5 47 6	26° 9'02	27°24	15°16	4°42	19°54	14°24	6° 7	29° 6	16°47	13° 2	19°47	19°22	9°35	5° 2	M18
T 19	5 51 2	27°10'03	11♍25	15°34	4°28	20°28	14°26	6°11	29° 8	16°49	13° 1	19°47	19°19	9°42	4°59	T 19
W20	5 54 59	28°11'06	25° 1	15°R42	4°17	21° 2	14°28	6°15	29°10	16°51	13° 0	19°D47	19°16	9°49	4°56	W20
T 21	5 58 55	29°12'10	8♎13	15°40	4° 8	21°36	14°31	6°19	29°13	16°54	12°59	19°47	19°13	9°55	4°53	T 21
F 22	6 2 52	0♑13'14	21° 2	15°26	4° 1	22°10	14°33	6°23	29°15	16°56	12°58	19°47	19°10	10° 2	4°50	F 22
S 23	6 6 49	1°14'20	3♏34	15° 1	3°57	22°43	14°36	6°28	29°17	16°58	12°57	19°48	19° 7	10° 9	4°47	S 23
S 24	6 10 45	2°15'26	15°50	14°24	3°D56	23°17	14°39	6°32	29°19	17° 0	12°56	19°49	19° 3	10°15	4°43	S 24
M25	6 14 42	3°16'33	27°55	13°36	3°57	23°50	14°42	6°37	29°22	17° 2	12°55	19°51	19° 0	10°22	4°40	M25
T 26	6 18 38	4°17'40	9♐52	12°37	4° 0	24°24	14°45	6°41	29°24	17° 5	12°54	19°52	18°57	10°29	4°37	T 26
W27	6 22 35	5°18'48	21°44	11°29	4° 6	24°57	14°49	6°46	29°26	17° 7	12°53	19°R52	18°54	10°35	4°33	W27
T 28	6 26 31	6°19'57	3♑33	10°14	4°14	25°30	14°52	6°50	29°28	17° 9	12°52	19°51	18°51	10°42	4°30	T 28
F 29	6 30 28	7°21'06	15°20	8°54	4°24	26° 4	14°56	6°55	29°30	17°11	12°51	19°50	18°48	10°49	4°26	F 29
S 30	6 34 24	8°22'15	27° 9	7°32	4°37	26°37	15° 0	7° 0	29°32	17°13	12°50	19°47	18°44	10°55	4°22	S 30
S 31	6 38 21	9♑23'24	9♒ 1	6♑10	4♐52	27♎10	15♈ 5	7♓ 5	29♎34	17♐15	12♊49	19♐44	18♐41	11♑ 2	4♌19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s46	21s43	1n32	25s46	2s23	24s 3	1s42	2s38	1n30	4n20	1s27	11s15	1s47	10s21	0n33	21s17	1n26	11n16	11s12	23s 2	23s 4	21s39	11n42	7s21
S 2	21 55	19 38	2 33	25 49	2 24	23 44	1 27	2 51	1 30	4 19	1 27	11 14	1 47	10 22	0 33	21 17	1 26	11 16	11 12	23 2	23 4	21 38	11 42	7 22
S 3	22 4	16 43	3 27	25 50	2 25	23 24	1 12	3 5	1 30	4 19	1 27	11 13	1 47	10 23	0 33	21 17	1 26	11 16	11 12	23 2	23 3	21 37	11 42	7 23
M 4	22 12	13 7	4 12	25 50	2 25	23 3	0 56	3 18	1 30	4 19	1 26	11 12	1 47	10 24	0 33	21 18	1 26	11 16	11 12	23 2	23 3	21 36	11 41	7 23
T 5	22 20	8 57	4 47	25 48	2 24	22 43	0 41	3 32	1 30	4 19	1 26	11 11	1 47	10 25	0 33	21 18	1 26	11 16	11 12	23 2	23 3	21 34	11 41	7 24
W 6	22 27	4 22	5 9	25 45	2 23	22 22	0 25	3 45	1 30	4 19	1 26	11 10	1 47	10 26	0 33	21 18	1 26	11 15	11 12	23 2	23 3	21 33	11 41	7 25
T 7	22 34	0n30	5 18	25 41	2 21	22 2	0 9	3 59	1 31	4 19	1 26	11 9	1 47	10 27	0 33	21 18	1 26	11 15	11 12	23 2	23 2	21 32	11 41	7 25
F 8	22 41	5 28	5 11	25 35	2 19	21 41	0n 6	4 12	1 31	4 19	1 25	11 7	1 46	10 28	0 33	21 18	1 26	11 15	11 12	23 2	23 2	21 31	11 41	7 26
S 9	22 47	10 22	4 48	25 28	2 16	21 21	0 21	4 25	1 31	4 19	1 25	11 6	1 46	10 29	0 33	21 19	1 26	11 15	11 12	23 2	23 2	21 29	11 41	7 26
S 10	22 53	14 55	4 7	25 19	2 11	21 1	0 36	4 38	1 31	4 19	1 25	11 5	1 46	10 30	0 33	21 19	1 26	11 15	11 12	23 2	23 2	21 28	11 41	7 27
M11	22 58	18 47	3 10	25 10	2 7	20 41	0 51	4 51	1 31	4 20	1 24	11 4	1 46	10 31	0 34	21 19	1 26	11 15	11 12	23 2	23 1	21 27	11 41	7 27
T 12	23 3	21 35	2 0	24 59	2 1	20 22	1 6	5 4	1 31	4 20	1 24	11 2	1 46	10 32	0 34	21 19	1 26	11 15	11 11	23 2	23 1	21 25	11 41	7 28
W13	23 7	22 57	0 39	24 47	1 54	20 3	1 20	5 17	1 31	4 21	1 24	11 1	1 46	10 33	0 34	21 20	1 26	11 15	11 11	23 2	23 1	21 24	11 41	7 29
T 14	23 11	22 39	0s45	24 34	1 46	19 45	1 34	5 30	1 32	4 21	1 23	10 59	1 46	10 34	0 34	21 20	1 26	11 15	11 11	23 2	23 1	21 23	11 41	7 29
F 15	23 14	20 41	2 6	24 21	1 37	19 28	1 47	5 43	1 32	4 22	1 23	10 58	1 46	10 34	0 34	21 20	1 26	11 15	11 11	23 2	23 0	21 22	11 41	7 30
S 16	23 17	17 17	3 18	24 6	1 27	19 12	2 0	5 56	1 32	4 23	1 23	10 57	1 45	10 35	0 34	21 20	1 26	11 15	11 11	23 2	23 0	21 20	11 41	7 30
S 17	23 20	12 50	4 15	23 51	1 15	18 56	2 12	6 9	1 32	4 24	1 23	10 55	1 45	10 36	0 34	21 21	1 26	11 15	11 11	23 2	23 0	21 19	11 41	7 31
M18	23 22	7 46	4 54	23 35	1 3	18 42	2 24	6 21	1 32	4 25	1 22	10 53	1 45	10 37	0 34	21 21	1 26	11 15	11 11	23 2	23 0	21 18	11 41	7 31
T 19	23 23	2 25	5 15	23 19	0 49	18 28	2 36	6 34	1 32	4 26	1 22	10 52	1 45	10 38	0 34	21 21	1 26	11 15	11 11	23 2	22 59	21 16	11 41	7 32
W20	23 24	2s52	5 17	23 3	0 33	18 15	2 46	6 47	1 32	4 27	1 22	10 50	1 45	10 39	0 34	21 21	1 26	11 15	11 11	23 2	22 59	21 15	11 42	7 32
T 21	23 25	7 52	5 2	22 47	0 17	18 4	2 57	6 59	1 32	4 28	1 21	10 49	1 45	10 40	0 34	21 21	1 26	11 15	11 11	23 2	22 59	21 14	11 42	7 33
F 22	23 25	12 24	4 32	22 31	0n 1	17 53	3 7	7 12	1 32	4 29	1 21	10 47	1 45	10 40	0 34	21 22	1 26	11 15	11 11	23 2	22 59	21 13	11 42	7 33
S 23	23 25	16 18	3 50	22 15	0 19	17 43	3 16	7 24	1 33	4 30	1 21	10 45	1 45	10 41	0 34	21 22	1 26	11 15	11 10	23 2	22 58	21 11	11 42	7 34
S 24	23 24	19 24	2 58	22 0	0 39	17 34	3 24	7 36	1 33	4 32	1 20	10 44	1 45	10 42	0 34	21 22	1 26	11 15	11 10	23 2	22 58	21 10	11 43	7 34
M25	23 23	21 37	1 59	21 45	0 58	17 26	3 33	7 48	1 33	4 33	1 20	10 42	1 44	10 43	0 34	21 22	1 26	11 15	11 10	23 2	22 58	21 9	11 43	7 35
T 26	23 21	22 49	0 55	21 31	1 18	17 19	3 40	8 1	1 33	4 35	1 20	10 40	1 44	10 43	0 34	21 22	1 26	11 15	11 10	23 2	22 58	21 7	11 43	7 35
W27	23 19	22 59	0n10	21 18	1 38	17 14	3 47	8 13	1 33	4 37	1 20	10 38	1 44	10 44	0 34	21 23	1 26	11 15	11 10	23 2	22 57	21 6	11 44	7 35
T 28	23 16	22 7	1 15	21 6	1 56	17 8	3 54	8 25	1 33	4 38	1 19	10 36	1 44	10 45	0 34	21 23	1 26	11 15	11 10	23 2	22 57	21 5	11 44	7 36
F 29	23 13	20 17	2 16	20 54	2 14	17 4	4 0	8 36	1 33	4 40	1 19	10 35	1 44	10 45	0 34	21 23	1 26	11 15	11 10	23 2	22 57	21 3	11 45	7 36
S 30	23 9	17 34	3 12	20 44	2 29	17 1	4 6	8 48	1 33	4 42	1 19	10 33	1 44	10 46	0 34	21 23	1 26	11 15	11 10	23 2	22 57	21 2	11 45	7 37
S 31	23s 5	14s 8	3n59	20s34	2n42	16s58	4n11	9s 0	1n33	4n44	1s18	10s31	1s44	10s47	0n34	21s23	1n26	11n15	11s 9	23s 1	22s56	21s 0	11n46	7s37

Julian Day Number = 2503378.5, Delta T = 116.28 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°43'24, Lahiri = 25°50'24

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2142
geocentric

JANUARY 2142 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 42 18	10♉24'34	20♒59	4°R52	5♐ 8	27♎42	15♈ 9	7♓10	29♎36	17♐18	12°R48	19°R40	18♐38	11♉ 9	4°R15	M 1
T 2	6 46 14	11°25'43	3♓ 4	3♉39	5°27	28°15	15°14	7°15	29°37	17°20	12♊47	19♐37	18°35	11°15	4♌11	T 2
W 3	6 50 11	12°26'52	15°21	2°34	5°48	28°48	15°19	7°20	29°39	17°22	12°46	19°34	18°32	11°22	4° 7	W 3
T 4	6 54 7	13°28'01	27°51	1°37	6°10	29°20	15°24	7°26	29°41	17°24	12°45	19°32	18°28	11°29	4° 3	T 4
F 5	6 58 4	14°29'10	10♈40	0°50	6°35	29°53	15°29	7°31	29°42	17°26	12°44	19°D31	18°25	11°35	3°59	F 5
S 6	7 2 0	15°30'19	23°49	0°14	7° 1	0♏25	15°34	7°36	29°44	17°28	12°43	19°31	18°22	11°42	3°55	S 6
S 7	7 5 57	16°31'27	7♉23	29♐48	7°29	0°57	15°40	7°42	29°45	17°30	12°42	19°32	18°19	11°49	3°51	S 7
M 8	7 9 53	17°32'35	21°23	29°32	7°58	1°30	15°46	7°47	29°47	17°32	12°41	19°34	18°16	11°55	3°47	M 8
T 9	7 13 50	18°33'43	5♊48	29°D25	8°29	2° 2	15°52	7°53	29°48	17°34	12°40	19°35	18°13	12° 2	3°43	T 9
W10	7 17 47	19°34'50	20°37	29°28	9° 2	2°34	15°58	7°58	29°50	17°36	12°39	19°R36	18° 9	12° 9	3°39	W10
T 11	7 21 43	20°35'58	5♋43	29°38	9°36	3° 5	16° 4	8° 4	29°51	17°38	12°38	19°35	18° 6	12°15	3°35	T 11
F 12	7 25 40	21°37'05	20°58	29°57	10°11	3°37	16°11	8°10	29°52	17°40	12°37	19°32	18° 3	12°22	3°30	F 12
S 13	7 29 36	22°38'11	6♌13	0♉23	10°48	4° 9	16°17	8°16	29°53	17°42	12°36	19°28	18° 0	12°28	3°26	S 13
S 14	7 33 33	23°39'18	21°16	0°55	11°26	4°40	16°24	8°21	29°55	17°44	12°36	19°23	17°57	12°35	3°22	S 14
M15	7 37 29	24°40'24	5♍59	1°32	12° 6	5°12	16°31	8°27	29°56	17°46	12°35	19°18	17°54	12°42	3°18	M15
T 16	7 41 26	25°41'30	20°16	2°15	12°46	5°43	16°38	8°33	29°57	17°48	12°34	19°13	17°50	12°48	3°13	T 16
W17	7 45 22	26°42'36	4♎ 3	3° 2	13°28	6°14	16°45	8°39	29°58	17°50	12°33	19° 9	17°47	12°55	3° 9	W17
T 18	7 49 19	27°43'41	17°21	3°54	14°11	6°45	16°53	8°46	29°59	17°51	12°32	19° 7	17°44	13° 2	3° 4	T 18
F 19	7 53 16	28°44'47	0♏13	4°49	14°55	7°16	17° 0	8°52	29°59	17°53	12°32	19°D 6	17°41	13° 8	3° 0	F 19
S 20	7 57 12	29°45'52	12°43	5°48	15°40	7°47	17° 8	8°58	0♏ 0	17°55	12°31	19° 7	17°38	13°15	2°56	S 20
S 21	8 1 9	0♒46'58	24°54	6°50	16°26	8°18	17°16	9° 4	0° 1	17°57	12°30	19° 8	17°34	13°22	2°51	S 21
M22	8 5 5	1°48'03	6♐53	7°54	17°13	8°48	17°24	9°10	0° 2	17°59	12°30	19°10	17°31	13°28	2°47	M22
T 23	8 9 2	2°49'07	18°44	9° 1	18° 1	9°18	17°32	9°17	0° 3	18° 0	12°29	19°R11	17°28	13°35	2°42	T 23
W24	8 12 58	3°50'11	0♉31	10°10	18°49	9°49	17°40	9°23	0° 3	18° 2	12°28	19°10	17°25	13°42	2°38	W24
T 25	8 16 55	4°51'15	12°18	11°21	19°39	10°19	17°49	9°30	0° 4	18° 4	12°28	19° 7	17°22	13°48	2°34	T 25
F 26	8 20 51	5°52'18	24° 7	12°34	20°29	10°49	17°57	9°36	0° 4	18° 5	12°27	19° 2	17°19	13°55	2°29	F 26
S 27	8 24 48	6°53'20	6♒ 1	13°49	21°20	11°18	18° 6	9°43	0° 5	18° 7	12°26	18°54	17°15	14° 2	2°25	S 27
S 28	8 28 45	7°54'22	18° 1	15° 5	22°12	11°48	18°15	9°49	0° 5	18° 9	12°26	18°45	17°12	14° 8	2°20	S 28
M29	8 32 41	8°55'22	0♓ 9	16°23	23° 5	12°17	18°24	9°56	0° 5	18°10	12°25	18°35	17° 9	14°15	2°16	M29
T 30	8 36 38	9°56'22	12°25	17°42	23°58	12°47	18°33	10° 3	0° 6	18°12	12°25	18°25	17° 6	14°22	2°12	T 30
W31	8 40 34	10♒57'20	24♓52	19♉ 2	24♐52	13♏16	18♈43	10♓ 9	0♏ 6	18♐13	12♊24	18♐16	17♐ 3	14♉28	2♌ 7	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 1	10s 7	4n37	20s27	2n53	16s57	4n16	9s12	1n33	4n46	1s18	10s29	1s44	10s47	0n34	21s24	1n26	11n15	11s 9	23s 1	22s56	20s59	11n46	7s37
T 2	22 56	5 40	5 2	20 21	3 2	16 56	4 20	9 23	1 33	4 48	1 18	10 27	1 44	10 48	0 34	21 24	1 26	11 15	11 9	23 1	22 56	20 58	11 47	7 38
W 3	22 50	0 56	5 14	20 16	3 8	16 55	4 24	9 35	1 34	4 50	1 17	10 25	1 44	10 49	0 34	21 24	1 26	11 15	11 9	23 1	22 56	20 56	11 47	7 38
T 4	22 44	3n55	5 12	20 13	3 11	16 56	4 27	9 46	1 34	4 52	1 17	10 23	1 44	10 49	0 34	21 24	1 26	11 15	11 9	23 0	22 55	20 55	11 48	7 38
F 5	22 38	8 43	4 54	20 12	3 13	16 57	4 31	9 58	1 34	4 54	1 17	10 21	1 43	10 50	0 34	21 24	1 26	11 15	11 9	23 0	22 55	20 54	11 48	7 38
S 6	22 31	13 16	4 20	20 13	3 12	16 58	4 33	10 9	1 34	4 57	1 17	10 19	1 43	10 50	0 34	21 24	1 26	11 15	11 8	23 0	22 55	20 52	11 49	7 39
S 7	22 24	17 18	3 32	20 16	3 9	17 0	4 36	10 20	1 34	4 59	1 16	10 16	1 43	10 51	0 34	21 25	1 26	11 15	11 8	23 0	22 54	20 51	11 50	7 39
M 8	22 16	20 29	2 29	20 20	3 5	17 3	4 38	10 31	1 34	5 2	1 16	10 14	1 43	10 51	0 34	21 25	1 26	11 15	11 8	23 1	22 54	20 49	11 50	7 39
T 9	22 8	22 29	1 15	20 25	3 0	17 6	4 39	10 42	1 34	5 4	1 16	10 12	1 43	10 52	0 34	21 25	1 26	11 15	11 8	23 1	22 54	20 48	11 51	7 39
W10	22 0	23 0	0s 6	20 31	2 54	17 10	4 41	10 53	1 34	5 7	1 15	10 10	1 43	10 52	0 34	21 25	1 26	11 15	11 8	23 1	22 54	20 47	11 52	7 40
T 11	21 51	21 51	1 27	20 38	2 47	17 14	4 42	11 4	1 34	5 10	1 15	10 8	1 43	10 53	0 34	21 25	1 26	11 15	11 8	23 1	22 53	20 45	11 53	7 40
F 12	21 41	19 6	2 43	20 46	2 39	17 18	4 43	11 14	1 34	5 12	1 15	10 6	1 43	10 53	0 34	21 25	1 26	11 15	11 7	23 0	22 53	20 44	11 53	7 40
S 13	21 31	15 1	3 48	20 55	2 30	17 22	4 43	11 25	1 34	5 15	1 15	10 3	1 43	10 53	0 34	21 26	1 26	11 15	11 7	23 0	22 53	20 42	11 54	7 40
S 14	21 21	10 3	4 35	21 4	2 21	17 27	4 43	11 36	1 34	5 18	1 14	10 1	1 43	10 54	0 34	21 26	1 26	11 16	11 7	23 0	22 52	20 41	11 55	7 40
M15	21 10	4 36	5 4	21 12	2 12	17 33	4 43	11 46	1 34	5 21	1 14	9 59	1 43	10 54	0 34	21 26	1 26	11 16	11 7	22 59	22 52	20 40	11 56	7 41
T 16	20 59	0s56	5 12	21 21	2 3	17 38	4 43	11 56	1 34	5 24	1 14	9 57	1 43	10 55	0 34	21 26	1 26	11 16	11 7	22 59	22 52	20 38	11 57	7 41
W17	20 48	6 13	5 1	21 30	1 53	17 43	4 42	12 7	1 34	5 27	1 14	9 54	1 43	10 55	0 34	21 26	1 26	11 16	11 6	22 59	22 52	20 37	11 57	7 41
T 18	20 36	11 2	4 35	21 38	1 44	17 49	4 42	12 17	1 34	5 30	1 13	9 52	1 43	10 55	0 34	21 26	1 26	11 16	11 6	22 58	22 51	20 35	11 58	7 41
F 19	20 24	15 13	3 55	21 46	1 34	17 55	4 41	12 27	1 34	5 33	1 13	9 49	1 43	10 55	0 34	21 26	1 26	11 16	11 6	22 58	22 51	20 34	11 59	7 41
S 20	20 11	18 35	3 5	21 54	1 24	18 1	4 40	12 37	1 34	5 36	1 13	9 47	1 42	10 56	0 34	21 27	1 26	11 16	11 6	22 58	22 51	20 32	12 0	7 41
S 21	19 58	21 3	2 8	22 0	1 14	18 7	4 38	12 46	1 34	5 39	1 13	9 45	1 42	10 56	0 34	21 27	1 26	11 16	11 6	22 59	22 50	20 31	12 1	7 41
M22	19 45	22 32	1 6	22 6	1 5	18 13	4 37	12 56	1 34	5 43	1 12	9 42	1 42	10 56	0 34	21 27	1 26	11 16	11 5	22 59	22 50	20 30	12 2	7 41
T 23	19 31	22 59	0 2	22 12	0 55	18 19	4 35	13 6	1 34	5 46	1 12	9 40	1 42	10 56	0 34	21 27	1 26	11 17	11 5	22 59	22 50	20 28	12 3	7 41
W24	19 17	22 24	1n 1	22 16	0 46	18 25	4 33	13 15	1 34	5 49	1 12	9 37	1 42	10 57	0 34	21 27	1 26	11 17	11 5	22 59	22 50	20 27	12 4	7 41
T 25	19 2	20 50	2 2	22 20	0 37	18 31	4 31	13 25	1 34	5 53	1 12	9 35	1 42	10 57	0 35	21 27	1 26	11 17	11 5	22 58	22 49	20 25	12 5	7 41
F 26	18 47	18 22	2 57	22 22	0 28	18 37	4 28	13 34	1 34	5 56	1 11	9 32	1 42	10 57	0 35	21 27	1 26	11 17	11 4	22 58	22 49	20 24	12 6	7 41
S 27	18 32	15 7	3 45	22 24	0 19	18 43	4 26	13 43	1 34	6 0	1 11	9 30	1 42	10 57	0 35	21 27	1 26	11 17	11 4	22 57	22 49	20 22	12 7	7 41
S 28	18 17	11 14	4 24	22 24	0 10	18 49	4 23	13 52	1 34	6 4	1 11	9 27	1 42	10 57	0 35	21 28	1 26	11 17	11 4	22 57	22 48	20 21	12 8	7 41
M29	18 1	6 52	4 51	22 24	0 1	18 54	4 21	14 2	1 34	6 7	1 11	9 25	1 42	10 57	0 35	21 28	1 26	11 18	11 4	22 56	22 48	20 19	12 9	7 41
T 30	17 45	2 12	5 5	22 22	0s 7	19 0	4 18	14 10	1 34	6 11	1 10	9 22	1 42	10 57	0 35	21 28	1 26	11 18	11 3	22 55	22 48	20 18	12 10	7 41
W31	17s28	2n37	5n 4	22s19	0s15	19s 5	4n15	14s19	1n34	6n15	1s10	9s20	1s42	10s57	0n35	21s28	1n26	11n18	11s 3	22s54	22s47	20s16	12n11	7s41

Julian Day Number = 2503409.5, Delta T = 116.34 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°43'28, Lahiri = 25°50'29

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ASTRODIENST EPHEMERIS for the year 2142
geocentric

FEBRUARY 2142 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 31	11♒58'18	7♈30	20♑23	25♐46	13♏45	18♈52	10♓16	0♏ 6	18♐15	12°R24	18°R 9	16♐59	14♑35	2°R 3	T 1
F 2	8 48 27	12°59'14	20°22	21°46	26°41	14°14	19° 2	10°23	0° 6	18°17	12♊23	18♐ 4	16°56	14°42	1♌59	F 2
S 3	8 52 24	14° 0'09	3♉29	23° 9	27°37	14°42	19°11	10°30	0°R 6	18°18	12°23	18° 1	16°53	14°48	1°54	S 3
S 4	8 56 20	15° 1'03	16°55	24°34	28°33	15°11	19°21	10°36	0° 6	18°19	12°22	18°D 0	16°50	14°55	1°50	S 4
M 5	9 0 17	16° 1'56	0♊41	25°59	29°30	15°39	19°31	10°43	0° 6	18°21	12°22	18° 1	16°47	15° 2	1°46	M 5
T 6	9 4 14	17° 2'47	14°48	27°26	0♑27	16° 7	19°41	10°50	0° 6	18°22	12°21	18°R 2	16°44	15° 8	1°41	T 6
W 7	9 8 10	18° 3'37	29°17	28°53	1°25	16°35	19°51	10°57	0° 6	18°24	12°21	18° 1	16°40	15°15	1°37	W 7
T 8	9 12 7	19° 4'25	14♋ 5	0♒21	2°23	17° 2	20° 2	11° 4	0° 5	18°25	12°20	17°59	16°37	15°22	1°33	T 8
F 9	9 16 3	20° 5'12	29° 5	1°50	3°22	17°30	20°12	11°11	0° 5	18°26	12°20	17°54	16°34	15°28	1°29	F 9
S 10	9 20 0	21° 5'58	14♌ 9	3°20	4°21	17°57	20°23	11°18	0° 5	18°28	12°20	17°46	16°31	15°35	1°25	S 10
S 11	9 23 56	22° 6'42	29° 9	4°51	5°20	18°24	20°33	11°25	0° 4	18°29	12°19	17°36	16°28	15°42	1°21	S 11
M12	9 27 53	23° 7'25	13♍54	6°23	6°20	18°51	20°44	11°32	0° 4	18°30	12°19	17°26	16°25	15°48	1°17	M12
T 13	9 31 49	24° 8'07	28°17	7°55	7°21	19°18	20°55	11°39	0° 3	18°31	12°19	17°15	16°21	15°55	1°13	T 13
W14	9 35 46	25° 8'47	12♎13	9°29	8°21	19°44	21° 6	11°46	0° 3	18°32	12°19	17° 7	16°18	16° 2	1° 9	W14
T 15	9 39 43	26° 9'27	25°39	11° 3	9°23	20°10	21°17	11°54	0° 2	18°34	12°18	17° 0	16°15	16° 8	1° 5	T 15
F 16	9 43 39	27°10'06	8♏37	12°38	10°24	20°36	21°28	12° 1	0° 1	18°35	12°18	16°57	16°12	16°15	1° 2	F 16
S 17	9 47 36	28°10'43	21°10	14°14	11°26	21° 2	21°39	12° 8	0° 1	18°36	12°18	16°55	16° 9	16°22	0°58	S 17
S 18	9 51 32	29°11'19	3♐24	15°50	12°28	21°27	21°50	12°15	29♎59	18°37	12°18	16°D55	16° 5	16°28	0°54	S 18
M19	9 55 29	0♓11'54	15°23	17°28	13°31	21°53	22° 2	12°22	29°59	18°38	12°18	16°R55	16° 2	16°35	0°50	M19
T 20	9 59 25	1°12'28	27°14	19° 6	14°34	22°18	22°13	12°30	29°58	18°39	12°18	16°55	15°59	16°42	0°47	T 20
W21	10 3 22	2°13'01	9♑ 0	20°46	15°37	22°42	22°25	12°37	29°57	18°40	12°17	16°52	15°56	16°48	0°43	W21
T 22	10 7 18	3°13'32	20°48	22°26	16°40	23° 7	22°37	12°44	29°56	18°41	12°17	16°48	15°53	16°55	0°40	T 22
F 23	10 11 15	4°14'02	2♒40	24° 7	17°44	23°31	22°49	12°51	29°55	18°42	12°17	16°40	15°50	17° 2	0°37	F 23
S 24	10 15 12	5°14'31	14°40	25°49	18°48	23°55	23° 1	12°59	29°54	18°42	12°17	16°30	15°46	17° 8	0°33	S 24
S 25	10 19 8	6°14'58	26°51	27°32	19°52	24°19	23°13	13° 6	29°53	18°43	12°D17	16°17	15°43	17°15	0°30	S 25
M26	10 23 5	7°15'23	9♓12	29°16	20°57	24°42	23°25	13°13	29°52	18°44	12°17	16° 3	15°40	17°22	0°27	M26
T 27	10 27 1	8°15'47	21°45	1♈ 1	22° 2	25° 5	23°37	13°21	29°51	18°45	12°17	15°49	15°37	17°28	0°24	T 27
W28	10 30 58	9♓16'09	4♈29	2♈47	23♑ 7	25♏28	23♈49	13♓28	29♎49	18♐45	12♊17	15♐36	15♐34	17♑35	0♌21	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s11	7n24	4n49	22s15	0s23	19s10	4n11	14s28	1n33	6n18	1s10	9s17	1s42	10s57	0n35	21s28	1n26	11n18	11s 3	22s54	22s47	20s15	12n12	7s40
F 2	16 54	11 57	4 19	22 10	0 31	19 15	4 8	14 36	1 33	6 22	1 10	9 15	1 42	10 57	0 35	21 28	1 26	11 18	11 3	22 53	22 47	20 13	12 13	7 40
S 3	16 37	16 2	3 35	22 4	0 38	19 19	4 5	14 45	1 33	6 26	1 9	9 12	1 42	10 57	0 35	21 28	1 26	11 18	11 2	22 53	22 46	20 12	12 14	7 40
S 4	16 19	19 25	2 39	21 56	0 45	19 24	4 1	14 53	1 33	6 30	1 9	9 9	1 42	10 57	0 35	21 28	1 26	11 19	11 2	22 53	22 46	20 10	12 15	7 40
M 5	16 1	21 46	1 32	21 47	0 52	19 28	3 58	15 2	1 33	6 34	1 9	9 7	1 42	10 57	0 35	21 28	1 27	11 19	11 2	22 53	22 46	20 9	12 16	7 40
T 6	15 43	22 50	0 17	21 37	0 59	19 31	3 54	15 10	1 33	6 38	1 9	9 4	1 42	10 57	0 35	21 28	1 27	11 19	11 2	22 53	22 46	20 7	12 18	7 40
W 7	15 24	22 25	1s 0	21 26	1 5	19 35	3 50	15 18	1 33	6 42	1 9	9 1	1 42	10 57	0 35	21 29	1 27	11 19	11 1	22 53	22 45	20 6	12 19	7 39
T 8	15 6	20 27	2 14	21 13	1 11	19 38	3 46	15 26	1 33	6 46	1 8	8 59	1 42	10 57	0 35	21 29	1 27	11 19	11 1	22 53	22 45	20 4	12 20	7 39
F 9	14 47	17 3	3 21	20 59	1 17	19 41	3 42	15 34	1 32	6 50	1 8	8 56	1 42	10 57	0 35	21 29	1 27	11 20	11 1	22 52	22 45	20 3	12 21	7 39
S 10	14 27	12 31	4 13	20 44	1 23	19 43	3 38	15 41	1 32	6 54	1 8	8 53	1 42	10 57	0 35	21 29	1 27	11 20	11 1	22 51	22 44	20 1	12 22	7 39
S 11	14 8	7 15	4 48	20 28	1 28	19 45	3 34	15 49	1 32	6 59	1 8	8 51	1 42	10 57	0 35	21 29	1 27	11 20	11 0	22 51	22 44	20 0	12 23	7 38
M12	13 48	1 40	5 3	20 10	1 33	19 47	3 30	15 56	1 32	7 3	1 8	8 48	1 42	10 56	0 35	21 29	1 27	11 20	11 0	22 50	22 44	19 58	12 24	7 38
T 13	13 28	3s52	4 58	19 51	1 38	19 48	3 25	16 4	1 32	7 7	1 7	8 45	1 42	10 56	0 35	21 29	1 27	11 21	11 0	22 49	22 43	19 57	12 25	7 38
W14	13 8	9 2	4 35	19 31	1 42	19 49	3 21	16 11	1 32	7 11	1 7	8 43	1 42	10 56	0 35	21 29	1 27	11 21	11 0	22 48	22 43	19 55	12 26	7 37
T 15	12 47	13 35	3 58	19 9	1 46	19 49	3 17	16 18	1 31	7 16	1 7	8 40	1 42	10 56	0 35	21 29	1 27	11 21	10 59	22 47	22 43	19 54	12 28	7 37
F 16	12 27	17 21	3 9	18 46	1 50	19 49	3 12	16 25	1 31	7 20	1 7	8 37	1 42	10 55	0 35	21 29	1 27	11 21	10 59	22 47	22 42	19 52	12 29	7 37
S 17	12 6	20 10	2 12	18 22	1 53	19 49	3 8	16 32	1 31	7 24	1 7	8 34	1 42	10 55	0 35	21 29	1 27	11 21	10 59	22 47	22 42	19 51	12 30	7 36
S 18	11 45	21 59	1 11	17 56	1 57	19 48	3 3	16 39	1 31	7 29	1 6	8 32	1 42	10 55	0 35	21 29	1 27	11 22	10 59	22 47	22 42	19 49	12 31	7 36
M19	11 24	22 45	0 8	17 29	1 59	19 47	2 58	16 46	1 30	7 33	1 6	8 29	1 42	10 55	0 35	21 29	1 27	11 22	10 58	22 47	22 41	19 47	12 32	7 35
T 20	11 2	22 29	0n55	17 1	2 2	19 45	2 54	16 53	1 30	7 38	1 6	8 26	1 42	10 54	0 35	21 29	1 27	11 22	10 58	22 47	22 41	19 46	12 33	7 35
W21	10 41	21 13	1 54	16 31	2 4	19 43	2 49	16 59	1 30	7 42	1 6	8 23	1 42	10 54	0 35	21 29	1 27	11 23	10 58	22 46	22 41	19 44	12 34	7 35
T 22	10 19	19 1	2 49	16 0	2 5	19 40	2 44	17 5	1 30	7 47	1 6	8 21	1 42	10 54	0 35	21 29	1 27	11 23	10 57	22 46	22 40	19 43	12 36	7 34
F 23	9 57	16 1	3 37	15 28	2 6	19 37	2 40	17 12	1 29	7 51	1 5	8 18	1 42	10 53	0 35	21 29	1 27	11 23	10 57	22 45	22 40	19 41	12 37	7 34
S 24	9 35	12 20	4 16	14 54	2 7	19 33	2 35	17 18	1 29	7 56	1 5	8 15	1 42	10 53	0 35	21 29	1 27	11 23	10 57	22 44	22 40	19 40	12 38	7 33
S 25	9 13	8 7	4 43	14 19	2 8	19 29	2 30	17 24	1 29	8 0	1 5	8 12	1 42	10 52	0 35	21 30	1 27	11 24	10 57	22 43	22 39	19 38	12 39	7 33
M26	8 50	3 31	4 58	13 43	2 8	19 24	2 25	17 30	1 28	8 5	1 5	8 9	1 42	10 52	0 35	21 30	1 27	11 24	10 56	22 41	22 39	19 36	12 40	7 32
T 27	8 28	1n18	4 58	13 5	2 7	19 19	2 20	17 36	1 28	8 10	1 5	8 7	1 42	10 51	0 35	21 30	1 27	11 24	10 56	22 40	22 39	19 35	12 41	7 32
W28	8s 5	6n 8	4n44	12s26	2s 6	19s13	2n15	17s42	1n28	8n14	1s 5	8s 4	1s42	10s51	0n35	21s30	1n27	11n24	10s56	22s39	22s38	19s33	12n42	7s31

Julian Day Number = 2503440.5, Delta T = 116.39 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°43'32, Lahiri = 25°50'33

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ASTRODIENST EPHEMERIS for the year 2142
geocentric

MARCH 2142 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 54	10♓16'29	17♈24	4♓34	24♉12	25♏50	24♈ 1	13♓35	29°R48	18♐46	12♊18	15°R25	15♐31	17♉42	0°R18	T 1
F 2	10 38 51	11°16'47	0♉30	6°22	25°17	26°12	24°14	13°43	29♎47	18°47	12°18	15♐17	15°27	17°48	0♌15	F 2
S 3	10 42 47	12°17'03	13°48	8°11	26°23	26°34	24°26	13°50	29°45	18°47	12°18	15°12	15°24	17°55	0°12	S 3
S 4	10 46 44	13°17'18	27°18	10° 1	27°29	26°55	24°39	13°57	29°44	18°48	12°18	15°10	15°21	18° 2	0°10	S 4
M 5	10 50 41	14°17'30	11♊ 1	11°52	28°35	27°17	24°51	14° 5	29°42	18°49	12°18	15°10	15°18	18° 8	0° 7	M 5
T 6	10 54 37	15°17'40	24°58	13°44	29°41	27°37	25° 4	14°12	29°41	18°49	12°18	15°10	15°15	18°15	0° 4	T 6
W 7	10 58 34	16°17'49	9♋10	15°37	0♒47	27°58	25°17	14°19	29°39	18°50	12°18	15° 9	15°11	18°22	0° 2	W 7
T 8	11 2 30	17°17'55	23°36	17°31	1°54	28°18	25°30	14°27	29°37	18°50	12°19	15° 5	15° 8	18°28	29♋59	T 8
F 9	11 6 27	18°17'59	8♌11	19°26	3° 0	28°37	25°43	14°34	29°36	18°50	12°19	14°59	15° 5	18°35	29°57	F 9
S 10	11 10 23	19°18'00	22°52	21°21	4° 7	28°57	25°56	14°41	29°34	18°51	12°19	14°51	15° 2	18°42	29°55	S 10
S 11	11 14 20	20°18'00	7♍30	23°17	5°14	29°16	26° 9	14°49	29°32	18°51	12°20	14°40	14°59	18°48	29°53	S 11
M12	11 18 16	21°17'58	22° 0	25°14	6°22	29°34	26°22	14°56	29°30	18°52	12°20	14°28	14°56	18°55	29°51	M12
T 13	11 22 13	22°17'54	6♎12	27°12	7°29	29°52	26°35	15° 3	29°29	18°52	12°20	14°16	14°52	19° 2	29°49	T 13
W14	11 26 10	23°17'48	20° 3	29°10	8°37	0♐10	26°48	15°11	29°27	18°52	12°21	14° 5	14°49	19° 8	29°47	W14
T 15	11 30 6	24°17'40	3♏28	1♈ 8	9°44	0°27	27° 1	15°18	29°25	18°52	12°21	13°57	14°46	19°15	29°46	T 15
F 16	11 34 3	25°17'31	16°29	3° 6	10°52	0°44	27°15	15°25	29°23	18°53	12°21	13°52	14°43	19°22	29°44	F 16
S 17	11 37 59	26°17'20	29° 5	5° 3	12° 0	1° 1	27°28	15°33	29°21	18°53	12°22	13°49	14°40	19°28	29°42	S 17
S 18	11 41 56	27°17'07	11♐22	7° 1	13° 8	1°17	27°41	15°40	29°19	18°53	12°22	13°D49	14°36	19°35	29°41	S 18
M19	11 45 52	28°16'53	23°24	8°57	14°16	1°32	27°55	15°47	29°17	18°53	12°23	13°R49	14°33	19°42	29°40	M19
T 20	11 49 49	29°16'36	5♑17	10°53	15°25	1°47	28° 8	15°54	29°15	18°53	12°23	13°49	14°30	19°48	29°38	T 20
W21	11 53 45	0♈16'19	17° 6	12°46	16°33	2° 2	28°22	16° 1	29°13	18°R53	12°24	13°47	14°27	19°55	29°37	W21
T 22	11 57 42	1°15'59	28°55	14°38	17°42	2°16	28°36	16° 9	29°10	18°53	12°24	13°44	14°24	20° 2	29°36	T 22
F 23	12 1 39	2°15'38	10♒51	16°28	18°51	2°29	28°49	16°16	29° 8	18°53	12°25	13°38	14°21	20° 8	29°35	F 23
S 24	12 5 35	3°15'14	22°57	18°14	19°59	2°42	29° 3	16°23	29° 6	18°53	12°25	13°29	14°17	20°15	29°34	S 24
S 25	12 9 32	4°14'49	5♓16	19°58	21° 8	2°55	29°17	16°30	29° 4	18°53	12°26	13°18	14°14	20°22	29°33	S 25
M26	12 13 28	5°14'22	17°50	21°37	22°17	3° 7	29°30	16°37	29° 2	18°53	12°27	13° 6	14°11	20°28	29°33	M26
T 27	12 17 25	6°13'53	0♈39	23°13	23°27	3°18	29°44	16°44	28°59	18°52	12°27	12°54	14° 8	20°35	29°32	T 27
W28	12 21 21	7°13'23	13°43	24°44	24°36	3°29	29°58	16°51	28°57	18°52	12°28	12°43	14° 5	20°42	29°32	W28
T 29	12 25 18	8°12'50	27° 0	26° 9	25°45	3°39	0♉12	16°58	28°55	18°52	12°28	12°34	14° 2	20°48	29°31	T 29
F 30	12 29 14	9°12'15	10♉29	27°30	26°55	3°49	0°26	17° 5	28°52	18°52	12°29	12°27	13°58	20°55	29°31	F 30
S 31	12 33 11	10♈11'37	24♉ 8	28♈45	28♒ 4	3♐58	0♉40	17♓12	28♎50	18♐51	12♊30	12♐23	13♐55	21♉ 2	29♋31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s43	10n45	4n15	11s46	2s 5	19s 7	2n11	17s47	1n27	8n19	1s 4	8s 1	1s42	10s50	0n35	21s30	1n27	11n25	10s56	22s37	22s38	19s32	12n43	7s31
F 2	7 20	14 57	3 33	11 4	2 3	19 0	2 6	17 53	1 27	8 24	1 4	7 58	1 42	10 50	0 35	21 30	1 28	11 25	10 55	22 37	22 38	19 30	12 44	7 30
S 3	6 57	18 28	2 38	10 22	2 1	18 53	2 1	17 58	1 26	8 28	1 4	7 56	1 42	10 49	0 35	21 30	1 28	11 25	10 55	22 36	22 37	19 29	12 46	7 30
S 4	6 34	21 3	1 33	9 38	1 58	18 45	1 56	18 4	1 26	8 33	1 4	7 53	1 42	10 49	0 35	21 30	1 28	11 26	10 55	22 36	22 37	19 27	12 47	7 29
M 5	6 11	22 26	0 22	8 52	1 55	18 37	1 51	18 9	1 25	8 38	1 4	7 50	1 42	10 48	0 35	21 30	1 28	11 26	10 54	22 36	22 37	19 25	12 48	7 29
T 6	5 47	22 28	0s52	8 6	1 51	18 28	1 46	18 14	1 25	8 43	1 4	7 47	1 42	10 48	0 35	21 30	1 28	11 26	10 54	22 36	22 36	19 24	12 49	7 28
W 7	5 24	21 3	2 3	7 18	1 46	18 19	1 41	18 19	1 25	8 47	1 3	7 44	1 42	10 47	0 35	21 30	1 28	11 26	10 54	22 36	22 36	19 22	12 50	7 28
T 8	5 1	18 16	3 8	6 29	1 41	18 9	1 36	18 24	1 24	8 52	1 3	7 42	1 42	10 47	0 35	21 30	1 28	11 27	10 54	22 35	22 36	19 20	12 51	7 27
F 9	4 37	14 19	4 1	5 39	1 36	17 59	1 31	18 29	1 23	8 57	1 3	7 39	1 42	10 46	0 35	21 30	1 28	11 27	10 53	22 35	22 35	19 19	12 52	7 26
S 10	4 14	9 29	4 39	4 48	1 30	17 48	1 27	18 34	1 23	9 2	1 3	7 36	1 43	10 45	0 35	21 30	1 28	11 27	10 53	22 34	22 35	19 17	12 53	7 26
S 11	3 50	4 8	4 58	3 56	1 23	17 37	1 22	18 38	1 22	9 7	1 3	7 33	1 43	10 45	0 36	21 30	1 28	11 28	10 53	22 32	22 34	19 16	12 54	7 25
M12	3 27	1s23	4 58	3 3	1 16	17 26	1 17	18 43	1 22	9 11	1 3	7 30	1 43	10 44	0 36	21 30	1 28	11 28	10 53	22 31	22 34	19 14	12 55	7 25
T 13	3 3	6 44	4 39	2 10	1 8	17 13	1 12	18 47	1 21	9 16	1 3	7 28	1 43	10 43	0 36	21 30	1 28	11 28	10 52	22 30	22 34	19 12	12 56	7 24
W14	2 40	11 36	4 4	1 15	1 0	17 1	1 7	18 51	1 21	9 21	1 2	7 25	1 43	10 43	0 36	21 30	1 28	11 29	10 52	22 28	22 33	19 11	12 57	7 23
T 15	2 16	15 44	3 16	0 20	0 51	16 47	1 3	18 56	1 20	9 26	1 2	7 22	1 43	10 42	0 36	21 29	1 28	11 29	10 52	22 27	22 33	19 9	12 58	7 23
F 16	1 52	18 59	2 19	0n35	0 42	16 34	0 58	19 0	1 19	9 31	1 2	7 19	1 43	10 41	0 36	21 29	1 28	11 29	10 52	22 27	22 33	19 7	12 59	7 22
S 17	1 28	21 12	1 17	1 31	0 32	16 20	0 53	19 4	1 18	9 36	1 2	7 17	1 43	10 41	0 36	21 29	1 28	11 29	10 51	22 26	22 32	19 6	13 0	7 21
S 18	1 5	22 20	0 13	2 27	0 21	16 5	0 49	19 8	1 18	9 41	1 2	7 14	1 43	10 40	0 36	21 29	1 28	11 30	10 51	22 26	22 32	19 4	13 1	7 21
M19	0 41	22 25	0n51	3 23	0 11	15 50	0 44	19 12	1 17	9 46	1 2	7 11	1 43	10 39	0 36	21 29	1 28	11 30	10 51	22 26	22 32	19 2	13 2	7 20
T 20	0 17	21 28	1 51	4 19	0n 1	15 34	0 40	19 15	1 16	9 51	1 2	7 8	1 43	10 39	0 36	21 29	1 28	11 30	10 50	22 26	22 31	19 1	13 3	7 19
W21	0n 6	19 34	2 47	5 14	0 12	15 18	0 35	19 19	1 15	9 56	1 2	7 6	1 43	10 38	0 36	21 29	1 28	11 31	10 50	22 26	22 31	18 59	13 3	7 19
T 22	0 30	16 51	3 35	6 8	0 24	15 2	0 31	19 23	1 15	10 1	1 1	7 3	1 43	10 37	0 36	21 29	1 28	11 31	10 50	22 26	22 31	18 57	13 4	7 18
F 23	0 54	13 24	4 15	7 2	0 37	14 45	0 26	19 26	1 14	10 5	1 1	7 0	1 44	10 36	0 36	21 29	1 28	11 31	10 50	22 25	22 30	18 56	13 5	7 17
S 24	1 18	9 23	4 43	7 54	0 49	14 28	0 22	19 30	1 13	10 10	1 1	6 58	1 44	10 35	0 36	21 29	1 28	11 32	10 49	22 24	22 30	18 54	13 6	7 17
S 25	1 41	4 56	4 59	8 45	1 1	14 10	0 18	19 33	1 12	10 15	1 1	6 55	1 44	10 35	0 36	21 29	1 29	11 32	10 49	22 23	22 29	18 52	13 7	7 16
M26	2 5	0 11	5 1	9 34	1 14	13 52	0 13	19 36	1 11	10 20	1 1	6 52	1 44	10 34	0 36	21 29	1 29	11 32	10 49	22 21	22 29	18 51	13 8	7 15
T 27	2 28	4n40	4 48	10 21	1 26	13 33	0 9	19 39	1 10	10 25	1 1	6 50	1 44	10 33	0 36	21 29	1 29	11 33	10 49	22 20	22 29	18 49	13 9	7 15
W28	2 52	9 24	4 20	11 5	1 38	13 14	0 5	19 42	1 9	10 30	1 1	6 47	1 44	10 32	0 36	21 29	1 29	11 33	10 48	22 18	22 28	18 47	13 9	7 14
T 29	3 15	13 46	3 37	11 48	1 50	12 55	0 1	19 45	1 8	10 35	1 1	6 44	1 44	10 31	0 36	21 29	1 29	11 33	10 48	22 17	22 28	18 46	13 10	7 13
F 30	3 39	17 30	2 41	12 27	2 1	12 35	0s 3	19 48	1 7	10 40	1 1	6 42	1 44	10 30	0 36	21 29	1 29	11 34	10 48	22 16	22 28	18 44	13 11	7 12
S 31	4n 2	20n20	1n36	13n 4	2n12	12s15	0s 7	19s51	1n 6	10n45	1s 0	6s39	1s44	10s30	0n36	21s29	1n29	11n34	10s48	22s16	22s27	18s42	13n12	7s12

Julian Day Number = 2503468.5, Delta T = 116.44 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°43'36, Lahiri = 25°50'37

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ASTRODIENST EPHEMERIS for the year 2142
geocentric

APRIL 2142 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 7	11♈10'58	7♊55	29♈54	29♒14	4♐ 6	0♉54	17♓19	28°R48	18°R51	12♊31	12°D22	13♐52	21♑ 8	29°D31	S 1
M 2	12 41 4	12°10'16	21°50	0♉56	0♓23	4°14	1° 8	17°26	28♎45	18♐51	12°31	12♐22	13°49	21°15	29♋31	M 2
T 3	12 45 1	13° 9'33	5♋51	1°52	1°33	4°21	1°22	17°33	28°43	18°50	12°32	12°23	13°46	21°22	29°31	T 3
W 4	12 48 57	14° 8'46	19°57	2°42	2°43	4°28	1°36	17°40	28°40	18°50	12°33	12°R23	13°42	21°28	29°31	W 4
T 5	12 52 54	15° 7'58	4♌ 9	3°24	3°53	4°34	1°50	17°47	28°38	18°49	12°34	12°21	13°39	21°35	29°32	T 5
F 6	12 56 50	16° 7'07	18°24	4° 0	5° 3	4°39	2° 4	17°54	28°35	18°49	12°34	12°17	13°36	21°42	29°32	F 6
S 7	13 0 47	17° 6'13	2♍38	4°28	6°13	4°44	2°19	18° 0	28°33	18°48	12°35	12°11	13°33	21°48	29°33	S 7
S 8	13 4 43	18° 5'17	16°49	4°50	7°23	4°48	2°33	18° 7	28°30	18°48	12°36	12° 3	13°30	21°55	29°33	S 8
M 9	13 8 40	19° 4'19	0♎51	5° 4	8°33	4°51	2°47	18°14	28°28	18°47	12°37	11°54	13°27	22° 2	29°34	M 9
T 10	13 12 36	20° 3'19	14°40	5°12	9°43	4°54	3° 1	18°20	28°25	18°46	12°38	11°46	13°23	22° 8	29°35	T 10
W11	13 16 33	21° 2'17	28°13	5°R12	10°53	4°56	3°15	18°27	28°23	18°46	12°39	11°38	13°20	22°15	29°36	W11
T 12	13 20 30	22° 1'13	11♏26	5° 7	12° 4	4°57	3°30	18°34	28°20	18°45	12°40	11°32	13°17	22°22	29°37	T 12
F 13	13 24 26	23° 0'08	24°19	4°55	13°14	4°R57	3°44	18°40	28°18	18°44	12°41	11°29	13°14	22°28	29°38	F 13
S 14	13 28 23	23°59'00	6♐52	4°37	14°25	4°57	3°58	18°46	28°15	18°44	12°42	11°D27	13°11	22°35	29°39	S 14
S 15	13 32 19	24°57'51	19° 9	4°13	15°35	4°56	4°13	18°53	28°12	18°43	12°43	11°27	13° 8	22°42	29°40	S 15
M16	13 36 16	25°56'39	1♑12	3°45	16°46	4°54	4°27	18°59	28°10	18°42	12°44	11°28	13° 4	22°49	29°42	M16
T 17	13 40 12	26°55'26	13° 7	3°13	17°56	4°52	4°41	19° 6	28° 7	18°41	12°45	11°30	13° 1	22°55	29°43	T 17
W18	13 44 9	27°54'12	24°57	2°36	19° 7	4°48	4°56	19°12	28° 5	18°40	12°46	11°R31	12°58	23° 2	29°45	W18
T 19	13 48 5	28°52'55	6♒49	1°57	20°18	4°44	5°10	19°18	28° 2	18°40	12°47	11°30	12°55	23° 9	29°47	T 19
F 20	13 52 2	29°51'37	18°47	1°16	21°29	4°40	5°24	19°24	28° 0	18°39	12°48	11°29	12°52	23°15	29°49	F 20
S 21	13 55 59	0♉50'17	0♓55	0°34	22°40	4°34	5°39	19°31	27°57	18°38	12°49	11°25	12°48	23°22	29°51	S 21
S 22	13 59 55	1°48'56	13°19	29♈51	23°51	4°28	5°53	19°37	27°54	18°37	12°50	11°20	12°45	23°29	29°53	S 22
M23	14 3 52	2°47'32	26° 0	29° 8	25° 2	4°20	6° 8	19°43	27°52	18°36	12°51	11°13	12°42	23°35	29°55	M23
T 24	14 7 48	3°46'07	9♈ 1	28°27	26°13	4°13	6°22	19°49	27°49	18°35	12°52	11° 7	12°39	23°42	29°57	T 24
W25	14 11 45	4°44'41	22°20	27°47	27°24	4° 4	6°36	19°55	27°47	18°34	12°53	11° 1	12°36	23°49	29°59	W25
T 26	14 15 41	5°43'12	5♉58	27°10	28°35	3°54	6°51	20° 1	27°44	18°33	12°54	10°56	12°33	23°55	0♌ 2	T 26
F 27	14 19 38	6°41'42	19°52	26°35	29°46	3°44	7° 5	20° 6	27°42	18°32	12°55	10°53	12°29	24° 2	0° 4	F 27
S 28	14 23 34	7°40'09	3♊57	26° 5	0♈57	3°33	7°20	20°12	27°39	18°31	12°56	10°D51	12°26	24° 9	0° 7	S 28
S 29	14 27 31	8°38'35	18°10	25°38	2° 8	3°21	7°34	20°18	27°37	18°29	12°58	10°51	12°23	24°15	0° 9	S 29
M30	14 31 28	9♉36'59	2♋26	25♈15	3♈19	3♐ 9	7♉48	20♓24	27♎34	18♐28	12♊59	10♐52	12♐20	24♑22	0♌12	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n25	22n 0	0n24	13n38	2n22	11s55	0s11	19s54	1n 5	10n50	1s 0	6s36	1s44	10s29	0n36	21s29	1n29	11n34	10s47	22s16	22s27	18s41	13n12	7s11
M 2	4 48	22 20	0s50	14 9	2 32	11 34	0 15	19 56	1 3	10 55	1 0	6 34	1 45	10 28	0 36	21 29	1 29	11 35	10 47	22 16	22 26	18 39	13 13	7 10
T 3	5 11	21 15	2 2	14 37	2 40	11 13	0 19	19 59	1 2	11 0	1 0	6 31	1 45	10 27	0 36	21 29	1 29	11 35	10 47	22 16	22 26	18 37	13 14	7 10
W 4	5 34	18 51	3 7	15 2	2 48	10 51	0 23	20 1	1 1	11 5	1 0	6 29	1 45	10 26	0 36	21 28	1 29	11 35	10 47	22 16	22 26	18 35	13 14	7 9
T 5	5 57	15 18	4 1	15 23	2 55	10 29	0 26	20 4	1 0	11 10	1 0	6 26	1 45	10 25	0 36	21 28	1 29	11 36	10 47	22 15	22 25	18 34	13 15	7 8
F 6	6 20	10 52	4 40	15 40	3 0	10 7	0 30	20 6	0 58	11 15	1 0	6 24	1 45	10 24	0 36	21 28	1 29	11 36	10 46	22 15	22 25	18 32	13 16	7 7
S 7	6 43	5 50	5 1	15 54	3 5	9 45	0 33	20 8	0 57	11 20	1 0	6 21	1 45	10 24	0 36	21 28	1 29	11 36	10 46	22 14	22 24	18 30	13 16	7 7
S 8	7 5	0 31	5 5	16 5	3 8	9 22	0 37	20 10	0 55	11 25	1 0	6 19	1 45	10 23	0 36	21 28	1 29	11 37	10 46	22 13	22 24	18 29	13 17	7 6
M 9	7 28	4s46	4 49	16 11	3 10	8 59	0 40	20 12	0 54	11 30	1 0	6 16	1 45	10 22	0 36	21 28	1 29	11 37	10 46	22 12	22 24	18 27	13 17	7 5
T 10	7 50	9 44	4 17	16 14	3 11	8 36	0 44	20 14	0 52	11 35	1 0	6 14	1 46	10 21	0 36	21 28	1 29	11 37	10 45	22 11	22 23	18 25	13 18	7 5
W11	8 12	14 7	3 31	16 14	3 10	8 12	0 47	20 16	0 51	11 39	0 59	6 11	1 46	10 20	0 36	21 28	1 29	11 38	10 45	22 10	22 23	18 23	13 18	7 4
T 12	8 34	17 42	2 35	16 10	3 8	7 48	0 50	20 18	0 49	11 44	0 59	6 9	1 46	10 19	0 36	21 28	1 29	11 38	10 45	22 9	22 23	18 22	13 19	7 3
F 13	8 56	20 18	1 31	16 2	3 4	7 24	0 53	20 19	0 48	11 49	0 59	6 6	1 46	10 18	0 36	21 28	1 29	11 38	10 45	22 8	22 22	18 20	13 19	7 2
S 14	9 18	21 51	0 25	15 51	2 59	7 0	0 56	20 21	0 46	11 54	0 59	6 4	1 46	10 17	0 36	21 28	1 29	11 39	10 45	22 8	22 22	18 18	13 20	7 2
S 15	9 39	22 17	0n42	15 37	2 52	6 35	0 59	20 23	0 44	11 59	0 59	6 2	1 46	10 16	0 36	21 27	1 29	11 39	10 44	22 8	22 21	18 16	13 20	7 1
M16	10 1	21 40	1 45	15 19	2 43	6 10	1 2	20 24	0 42	12 4	0 59	5 59	1 46	10 15	0 36	21 27	1 29	11 39	10 44	22 8	22 21	18 15	13 21	7 0
T 17	10 22	20 4	2 43	14 59	2 33	5 45	1 5	20 25	0 41	12 9	0 59	5 57	1 47	10 15	0 36	21 27	1 29	11 39	10 44	22 9	22 21	18 13	13 21	7 0
W18	10 43	17 37	3 34	14 36	2 22	5 20	1 7	20 27	0 39	12 14	0 59	5 54	1 47	10 14	0 36	21 27	1 29	11 40	10 44	22 9	22 20	18 11	13 21	6 59
T 19	11 4	14 26	4 15	14 10	2 10	4 55	1 10	20 28	0 37	12 18	0 59	5 52	1 47	10 13	0 36	21 27	1 29	11 40	10 44	22 9	22 20	18 9	13 22	6 58
F 20	11 25	10 39	4 46	13 43	1 56	4 29	1 12	20 29	0 35	12 23	0 59	5 50	1 47	10 12	0 36	21 27	1 30	11 40	10 43	22 8	22 19	18 8	13 22	6 57
S 21	11 45	6 23	5 5	13 15	1 42	4 3	1 15	20 30	0 33	12 28	0 59	5 48	1 47	10 11	0 36	21 27	1 30	11 41	10 43	22 8	22 19	18 6	13 22	6 57
S 22	12 6	1 47	5 10	12 45	1 26	3 38	1 17	20 31	0 31	12 33	0 59	5 45	1 47	10 10	0 36	21 27	1 30	11 41	10 43	22 7	22 19	18 4	13 23	6 56
M23	12 26	3n 0	5 0	12 15	1 10	3 11	1 19	20 31	0 29	12 38	0 59	5 43	1 48	10 9	0 36	21 27	1 30	11 41	10 43	22 6	22 18	18 2	13 23	6 55
T 24	12 46	7 46	4 35	11 45	0 53	2 45	1 22	20 32	0 27	12 43	0 59	5 41	1 48	10 8	0 36	21 26	1 30	11 42	10 43	22 5	22 18	18 0	13 23	6 55
W25	13 6	12 18	3 54	11 15	0 36	2 19	1 24	20 33	0 24	12 47	0 59	5 39	1 48	10 7	0 36	21 26	1 30	11 42	10 42	22 5	22 17	17 59	13 23	6 54
T 26	13 25	16 19	2 59	10 45	0 19	1 53	1 26	20 33	0 22	12 52	0 59	5 37	1 48	10 6	0 36	21 26	1 30	11 42	10 42	22 4	22 17	17 57	13 24	6 53
F 27	13 44	19 29	1 52	10 17	0 2	1 26	1 28	20 33	0 20	12 57	0 58	5 34	1 48	10 5	0 36	21 26	1 30	11 43	10 42	22 3	22 16	17 55	13 24	6 52
S 28	14 3	21 32	0 38	9 50	0s15	1 0	1 30	20 34	0 17	13 1	0 58	5 32	1 48	10 5	0 36	21 26	1 30	11 43	10 42	22 3	22 16	17 53	13 24	6 52
S 29	14 22	22 14	0s40	9 25	0 31	0 33	1 31	20 34	0 15	13 6	0 58	5 30	1 49	10 4	0 36	21 26	1 30	11 43	10 42	22 3	22 16	17 52	13 24	6 51
M30	14n41	21n28	1s55	9n 2	0s47	0s 6	1s33	20s34	0n13	13n11	0s58	5s28	1s49	10s 3	0n36	21s26	1n30	11n43	10s42	22s 3	22s15	17s50	13n24	6s50

Julian Day Number = 2503499.5, Delta T = 116.50 sec
Ecliptic obliquity = 23°25'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°43'40, Lahiri = 25°50'41

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ASTRODIENST EPHEMERIS for the year 2142
geocentric

MAY 2142 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 24	10♉35'20	16♋43	24°R57	4♈31	2°R56	8♉ 3	20♓29	27°R32	18°R27	13♊ 0	10♐54	12♐17	24♑29	0♌15	T 1
W 2	14 39 21	11°33'40	0♌59	24♈43	5°42	2♐42	8°17	20°35	27♎29	18♐26	13° 1	10°55	12°13	24°35	0°18	W 2
T 3	14 43 17	12°31'57	15° 9	24°35	6°53	2°28	8°31	20°40	27°27	18°25	13° 2	10°R55	12°10	24°42	0°21	T 3
F 4	14 47 14	13°30'13	29°13	24°D31	8° 5	2°13	8°46	20°46	27°24	18°23	13° 4	10°54	12° 7	24°49	0°24	F 4
S 5	14 51 10	14°28'26	13♍10	24°32	9°16	1°57	9° 0	20°51	27°22	18°22	13° 5	10°52	12° 4	24°55	0°27	S 5
S 6	14 55 7	15°26'37	26°56	24°37	10°27	1°41	9°15	20°56	27°19	18°21	13° 6	10°49	12° 1	25° 2	0°30	S 6
M 7	14 59 3	16°24'46	10♎31	24°48	11°39	1°24	9°29	21° 1	27°17	18°20	13° 7	10°46	11°58	25° 9	0°34	M 7
T 8	15 3 0	17°22'53	23°54	25° 3	12°50	1° 6	9°43	21° 6	27°15	18°18	13° 8	10°42	11°54	25°15	0°37	T 8
W 9	15 6 57	18°20'59	7♏ 2	25°22	14° 2	0°48	9°57	21°12	27°12	18°17	13°10	10°39	11°51	25°22	0°41	W 9
T 10	15 10 53	19°19'03	19°55	25°46	15°14	0°30	10°12	21°17	27°10	18°16	13°11	10°37	11°48	25°29	0°44	T 10
F 11	15 14 50	20°17'05	2♐33	26°15	16°25	0°11	10°26	21°22	27° 8	18°14	13°12	10°36	11°45	25°35	0°48	F 11
S 12	15 18 46	21°15'06	14°56	26°47	17°37	29♏51	10°40	21°26	27° 5	18°13	13°14	10°D35	11°42	25°42	0°52	S 12
S 13	15 22 43	22°13'05	27° 8	27°24	18°48	29°32	10°54	21°31	27° 3	18°11	13°15	10°36	11°39	25°49	0°56	S 13
M14	15 26 39	23°11'03	9♑ 9	28° 4	20° 0	29°11	11° 9	21°36	27° 1	18°10	13°16	10°37	11°35	25°56	1° 0	M14
T 15	15 30 36	24° 8'59	21° 2	28°48	21°12	28°51	11°23	21°41	26°59	18° 9	13°17	10°39	11°32	26° 2	1° 4	T 15
W16	15 34 32	25° 6'54	2♒53	29°35	22°23	28°30	11°37	21°45	26°56	18° 7	13°19	10°40	11°29	26° 9	1° 8	W16
T 17	15 38 29	26° 4'48	14°46	0♓26	23°35	28° 9	11°51	21°50	26°54	18° 6	13°20	10°41	11°26	26°16	1°12	T 17
F 18	15 42 26	27° 2'41	26°44	1°21	24°47	27°48	12° 5	21°54	26°52	18° 4	13°21	10°R41	11°23	26°22	1°16	F 18
S 19	15 46 22	28° 0'32	8♈52	2°18	25°59	27°27	12°19	21°58	26°50	18° 3	13°23	10°41	11°19	26°29	1°21	S 19
S 20	15 50 19	28°58'22	21°16	3°19	27°11	27° 5	12°34	22° 3	26°48	18° 1	13°24	10°40	11°16	26°36	1°25	S 20
M21	15 54 15	29°56'11	3♉58	4°23	28°23	26°44	12°48	22° 7	26°46	18° 0	13°25	10°39	11°13	26°42	1°30	M21
T 22	15 58 12	0♊53'59	17° 2	5°29	29°34	26°22	13° 2	22°11	26°44	17°58	13°27	10°38	11°10	26°49	1°34	T 22
W23	16 2 8	1°51'45	0♋30	6°39	0♋46	26° 1	13°16	22°15	26°42	17°57	13°28	10°37	11° 7	26°56	1°39	W23
T 24	16 6 5	2°49'31	14°20	7°51	1°58	25°39	13°30	22°19	26°40	17°55	13°29	10°36	11° 4	27° 2	1°44	T 24
F 25	16 10 1	3°47'15	28°31	9° 6	3°10	25°18	13°43	22°23	26°38	17°53	13°31	10°35	11° 0	27° 9	1°48	F 25
S 26	16 13 58	4°44'58	12♊59	10°23	4°22	24°57	13°57	22°27	26°36	17°52	13°32	10°D35	10°57	27°16	1°53	S 26
S 27	16 17 55	5°42'40	27°38	11°44	5°34	24°36	14°11	22°31	26°35	17°50	13°33	10°36	10°54	27°22	1°58	S 27
M28	16 21 51	6°40'20	12♋21	13° 6	6°46	24°15	14°25	22°34	26°33	17°49	13°35	10°36	10°51	27°29	2° 3	M28
T 29	16 25 48	7°37'59	27° 2	14°32	7°58	23°55	14°39	22°38	26°31	17°47	13°36	10°36	10°48	27°36	2° 8	T 29
W30	16 29 44	8°35'37	11♌35	16° 0	9°10	23°35	14°53	22°41	26°29	17°46	13°38	10°36	10°45	27°43	2°13	W30
T 31	16 33 41	9♊33'13	25♌56	17♋30	10♋22	23♏15	15♉ 6	22♓45	26♎28	17♐44	13♊39	10♐36	10♐41	27♑49	2♌19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n59	19n20	3s 4	8n41	1s 2	0n21	1s35	20s34	0n10	13n16	0s58	5s26	1s49	10s 2	0n36	21s26	1n30	11n44	10s41	22s 4	22s15	17s48	13n24	6s50
W 2	15 17	16 0	4 1	8 22	1 17	0 47	1 36	20 34	0 7	13 20	0 58	5 24	1 49	10 1	0 36	21 25	1 30	11 44	10 41	22 4	22 14	17 46	13 24	6 49
T 3	15 35	11 46	4 43	8 6	1 31	1 14	1 37	20 33	0 5	13 25	0 58	5 22	1 49	10 0	0 36	21 25	1 30	11 44	10 41	22 4	22 14	17 44	13 24	6 48
F 4	15 53	6 56	5 7	7 52	1 45	1 41	1 39	20 33	0 2	13 29	0 58	5 20	1 49	9 59	0 35	21 25	1 30	11 45	10 41	22 4	22 14	17 43	13 24	6 48
S 5	16 10	1 47	5 13	7 41	1 57	2 8	1 40	20 32	0s 0	13 34	0 58	5 18	1 50	9 58	0 35	21 25	1 30	11 45	10 41	22 3	22 13	17 41	13 24	6 47
S 6	16 27	3s24	5 1	7 32	2 9	2 35	1 41	20 32	0 3	13 39	0 58	5 16	1 50	9 58	0 35	21 25	1 30	11 45	10 41	22 3	22 13	17 39	13 24	6 46
M 7	16 44	8 20	4 33	7 26	2 19	3 2	1 42	20 31	0 6	13 43	0 58	5 14	1 50	9 57	0 35	21 25	1 30	11 46	10 40	22 2	22 12	17 37	13 24	6 46
T 8	17 0	12 49	3 49	7 22	2 29	3 29	1 43	20 30	0 9	13 48	0 58	5 13	1 50	9 56	0 35	21 25	1 30	11 46	10 40	22 2	22 12	17 35	13 24	6 45
W 9	17 17	16 36	2 54	7 21	2 38	3 56	1 44	20 29	0 11	13 52	0 58	5 11	1 50	9 55	0 35	21 25	1 30	11 46	10 40	22 2	22 11	17 33	13 24	6 44
T 10	17 33	19 30	1 52	7 23	2 46	4 23	1 45	20 28	0 14	13 57	0 58	5 9	1 51	9 54	0 35	21 24	1 30	11 46	10 40	22 1	22 11	17 32	13 24	6 44
F 11	17 48	21 23	0 44	7 26	2 53	4 49	1 46	20 27	0 17	14 1	0 58	5 7	1 51	9 53	0 35	21 24	1 30	11 47	10 40	22 1	22 11	17 30	13 24	6 43
S 12	18 3	22 10	0n24	7 32	2 59	5 16	1 46	20 26	0 20	14 6	0 58	5 6	1 51	9 53	0 35	21 24	1 30	11 47	10 40	22 1	22 10	17 28	13 24	6 42
S 13	18 19	21 53	1 30	7 40	3 5	5 43	1 47	20 24	0 23	14 10	0 58	5 4	1 51	9 52	0 35	21 24	1 30	11 47	10 40	22 1	22 10	17 26	13 23	6 42
M14	18 33	20 35	2 31	7 50	3 9	6 9	1 47	20 23	0 26	14 15	0 58	5 2	1 51	9 51	0 35	21 24	1 30	11 47	10 40	22 1	22 9	17 24	13 23	6 41
T 15	18 48	18 24	3 25	8 2	3 13	6 36	1 48	20 21	0 29	14 19	0 58	5 0	1 52	9 50	0 35	21 24	1 30	11 48	10 39	22 1	22 9	17 22	13 23	6 41
W16	19 2	15 26	4 10	8 16	3 16	7 2	1 48	20 19	0 32	14 23	0 58	4 59	1 52	9 50	0 35	21 24	1 30	11 48	10 39	22 2	22 8	17 21	13 23	6 40
T 17	19 15	11 51	4 45	8 31	3 18	7 28	1 48	20 18	0 34	14 28	0 58	4 57	1 52	9 49	0 35	21 23	1 30	11 48	10 39	22 2	22 8	17 19	13 22	6 39
F 18	19 29	7 46	5 7	8 49	3 19	7 55	1 48	20 16	0 37	14 32	0 58	4 56	1 52	9 48	0 35	21 23	1 30	11 48	10 39	22 2	22 8	17 17	13 22	6 39
S 19	19 42	3 21	5 16	9 8	3 20	8 21	1 48	20 14	0 40	14 36	0 58	4 54	1 52	9 47	0 35	21 23	1 30	11 49	10 39	22 2	22 7	17 15	13 22	6 38
S 20	19 55	1n18	5 11	9 28	3 20	8 46	1 48	20 12	0 43	14 41	0 58	4 53	1 53	9 47	0 35	21 23	1 30	11 49	10 39	22 2	22 7	17 13	13 21	6 38
M21	20 7	6 2	4 51	9 50	3 19	9 12	1 48	20 10	0 46	14 45	0 58	4 51	1 53	9 46	0 35	21 23	1 30	11 49	10 39	22 2	22 6	17 11	13 21	6 37
T 22	20 19	10 37	4 15	10 14	3 18	9 38	1 48	20 7	0 49	14 49	0 58	4 50	1 53	9 45	0 35	21 23	1 30	11 49	10 39	22 1	22 6	17 10	13 21	6 36
W23	20 31	14 50	3 24	10 38	3 16	10 3	1 48	20 5	0 52	14 53	0 58	4 48	1 53	9 45	0 35	21 23	1 30	11 50	10 39	22 1	22 5	17 8	13 20	6 36
T 24	20 42	18 22	2 21	11 4	3 13	10 28	1 48	20 3	0 55	14 57	0 58	4 47	1 54	9 44	0 35	21 22	1 30	11 50	10 39	22 1	22 5	17 6	13 20	6 35
F 25	20 53	20 54	1 6	11 31	3 9	10 53	1 47	20 1	0 58	15 2	0 58	4 46	1 54	9 43	0 35	21 22	1 30	11 50	10 39	22 1	22 5	17 4	13 19	6 35
S 26	21 4	22 7	0s13	11 59	3 5	11 18	1 47	19 58	1 1	15 6	0 58	4 44	1 54	9 43	0 35	21 22	1 30	11 50	10 38	22 1	22 4	17 2	13 19	6 34
S 27	21 14	21 51	1 33	12 28	3 1	11 42	1 46	19 56	1 4	15 10	0 58	4 43	1 54	9 42	0 35	21 22	1 30	11 51	10 38	22 1	22 4	17 0	13 18	6 34
M28	21 24	20 4	2 47	12 58	2 56	12 6	1 45	19 54	1 6	15 14	0 58	4 42	1 55	9 41	0 35	21 22	1 30	11 51	10 38	22 1	22 3	16 58	13 18	6 33
T 29	21 34	16 58	3 50	13 29	2 50	12 30	1 45	19 51	1 9	15 18	0 58	4 41	1 55	9 41	0 35	21 22	1 30	11 51	10 38	22 1	22 3	16 56	13 17	6 33
W30	21 43	12 51	4 38	14 0	2 43	12 54	1 44	19 49	1 12	15 22	0 58	4 40	1 55	9 40	0 35	21 21	1 30	11 51	10 38	22 1	22 2	16 55	13 17	6 32
T 31	21n52	8n 3	5s 7	14n32	2s37	13n17	1s43	19s47	1s15	15n26	0s58	4s39	1s55	9s40	0n35	21s21	1n30	11n51	10s38	22s 1	22s 2	16s53	13n16	6s32

Julian Day Number = 2503529.5, Delta T = 116.55 sec
Ecliptic obliquity = 23°25'12, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°43'45, Lahiri = 25°50'45

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2142
geocentric

JUNE 2142 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 37 37	10♊30'47	10♍ 2	19♉ 3	11♉35	22°R56	15♉20	22♓48	26°R26	17°R42	13♊40	10♐37	10♐38	27♑56	2♌24	F 1
S 2	16 41 34	11°28'20	23°50	20°38	12°47	22♏38	15°34	22°51	26♎24	17♐41	13°42	10°37	10°35	28° 3	2°29	S 2
S 3	16 45 30	12°25'52	7♎22	22°15	13°59	22°19	15°47	22°54	26°23	17°39	13°43	10°37	10°32	28° 9	2°35	S 3
M 4	16 49 27	13°23'22	20°38	23°56	15°11	22° 2	16° 1	22°57	26°21	17°38	13°44	10°37	10°29	28°16	2°40	M 4
T 5	16 53 24	14°20'51	3♏37	25°38	16°23	21°45	16°14	23° 0	26°20	17°36	13°46	10°37	10°25	28°23	2°45	T 5
W 6	16 57 20	15°18'19	16°23	27°23	17°35	21°28	16°28	23° 3	26°19	17°34	13°47	10°38	10°22	28°29	2°51	W 6
T 7	17 1 17	16°15'45	28°56	29°11	18°48	21°13	16°41	23° 6	26°17	17°33	13°49	10°38	10°19	28°36	2°57	T 7
F 8	17 5 13	17°13'11	11♐17	1♊ 0	20° 0	20°57	16°54	23° 8	26°16	17°31	13°50	10°R38	10°16	28°43	3° 2	F 8
S 9	17 9 10	18°10'36	23°28	2°52	21°12	20°43	17° 8	23°11	26°15	17°29	13°51	10°38	10°13	28°49	3° 8	S 9
S 10	17 13 6	19° 8'00	5♑31	4°47	22°24	20°29	17°21	23°13	26°13	17°28	13°53	10°37	10°10	28°56	3°14	S 10
M11	17 17 3	20° 5'23	17°27	6°44	23°37	20°16	17°34	23°16	26°12	17°26	13°54	10°36	10° 6	29° 3	3°20	M11
T 12	17 20 59	21° 2'46	29°19	8°43	24°49	20° 4	17°47	23°18	26°11	17°25	13°55	10°35	10° 3	29° 9	3°26	T 12
W13	17 24 56	22° 0'07	11♒10	10°44	26° 1	19°52	18° 0	23°20	26°10	17°23	13°57	10°33	10° 0	29°16	3°32	W13
T 14	17 28 53	22°57'29	23° 2	12°47	27°14	19°42	18°13	23°22	26° 9	17°21	13°58	10°32	9°57	29°23	3°38	T 14
F 15	17 32 49	23°54'49	5♓ 0	14°52	28°26	19°32	18°26	23°24	26° 8	17°20	14° 0	10°30	9°54	29°30	3°44	F 15
S 16	17 36 46	24°52'09	17° 8	16°58	29°39	19°22	18°39	23°26	26° 7	17°18	14° 1	10°30	9°51	29°36	3°50	S 16
S 17	17 40 42	25°49'29	29°29	19° 6	0♊51	19°14	18°52	23°28	26° 6	17°17	14° 2	10°D30	9°47	29°43	3°56	S 17
M18	17 44 39	26°46'48	12♈ 8	21°15	2° 3	19° 6	19° 5	23°30	26° 5	17°15	14° 4	10°30	9°44	29°50	4° 2	M18
T 19	17 48 35	27°44'07	25°10	23°26	3°16	19° 0	19°17	23°31	26° 4	17°13	14° 5	10°31	9°41	29°56	4° 8	T 19
W20	17 52 32	28°41'26	8♉36	25°37	4°29	18°54	19°30	23°33	26° 4	17°12	14° 6	10°32	9°38	0♒ 3	4°15	W20
T 21	17 56 28	29°38'44	22°28	27°48	5°41	18°49	19°43	23°34	26° 3	17°10	14° 8	10°34	9°35	0°10	4°21	T 21
F 22	18 0 25	0♋36'02	6♊45	0♋ 0	6°54	18°44	19°55	23°36	26° 2	17° 9	14° 9	10°R34	9°31	0°16	4°27	F 22
S 23	18 4 22	1°33'20	21°25	2°12	8° 6	18°41	20° 8	23°37	26° 2	17° 7	14°10	10°34	9°28	0°23	4°34	S 23
S 24	18 8 18	2°30'38	6♋22	4°23	9°19	18°38	20°20	23°38	26° 1	17° 5	14°12	10°33	9°25	0°30	4°40	S 24
M25	18 12 15	3°27'54	21°26	6°34	10°31	18°36	20°32	23°39	26° 1	17° 4	14°13	10°30	9°22	0°36	4°47	M25
T 26	18 16 11	4°25'11	6♌30	8°44	11°44	18°35	20°45	23°40	26° 0	17° 2	14°14	10°27	9°19	0°43	4°53	T 26
W27	18 20 8	5°22'26	21°24	10°53	12°57	18°D35	20°57	23°41	26° 0	17° 1	14°16	10°24	9°16	0°50	5° 0	W27
T 28	18 24 4	6°19'42	6♍ 1	13° 1	14° 9	18°36	21° 9	23°42	25°59	16°59	14°17	10°21	9°12	0°57	5° 6	T 28
F 29	18 28 1	7°16'56	20°16	15° 7	15°22	18°38	21°21	23°42	25°59	16°58	14°18	10°19	9° 9	1° 3	5°13	F 29
S 30	18 31 57	8♋14'10	4♎ 7	17♋12	16♊35	18♏40	21♉33	23♓43	25♎59	16♐56	14♊19	10°D18	9♐ 6	1♒10	5♌20	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 0	2n54	5s17	15n 4	2s29	13n40	1s42	19s44	1s17	15n30	0s58	4s37	1s55	9s39	0n35	21s21	1n30	11n52	10s38	22s 1	22s 1	16s51	13n15	6s31
S 2	22 8	2s17	5 9	15 37	2 21	14 3	1 41	19 42	1 20	15 34	0 58	4 36	1 56	9 38	0 35	21 21	1 30	11 52	10 38	22 1	22 1	16 49	13 15	6 31
S 3	22 16	7 16	4 44	16 10	2 13	14 26	1 40	19 40	1 23	15 38	0 58	4 35	1 56	9 38	0 35	21 21	1 30	11 52	10 38	22 1	22 0	16 47	13 14	6 30
M 4	22 23	11 48	4 3	16 44	2 4	14 48	1 39	19 38	1 25	15 41	0 58	4 34	1 56	9 37	0 35	21 21	1 30	11 52	10 38	22 1	22 0	16 45	13 13	6 30
T 5	22 30	15 43	3 11	17 17	1 55	15 10	1 38	19 36	1 28	15 45	0 58	4 33	1 56	9 37	0 35	21 21	1 30	11 52	10 38	22 1	22 0	16 43	13 13	6 29
W 6	22 37	18 48	2 11	17 50	1 46	15 31	1 37	19 34	1 30	15 49	0 58	4 33	1 57	9 36	0 35	21 20	1 30	11 53	10 38	22 1	21 59	16 41	13 12	6 29
T 7	22 43	20 57	1 5	18 24	1 36	15 52	1 35	19 32	1 33	15 53	0 58	4 32	1 57	9 36	0 35	21 20	1 30	11 53	10 38	22 1	21 59	16 39	13 11	6 28
F 8	22 48	22 3	0n 4	18 57	1 26	16 13	1 34	19 30	1 35	15 57	0 58	4 31	1 57	9 36	0 35	21 20	1 30	11 53	10 38	22 1	21 58	16 38	13 10	6 28
S 9	22 54	22 5	1 11	19 29	1 15	16 34	1 32	19 29	1 37	16 0	0 58	4 30	1 57	9 35	0 35	21 20	1 30	11 53	10 38	22 1	21 58	16 36	13 9	6 27
S 10	22 59	21 5	2 14	20 1	1 5	16 54	1 31	19 27	1 40	16 4	0 58	4 29	1 58	9 35	0 35	21 20	1 30	11 53	10 38	22 1	21 57	16 34	13 9	6 27
M11	23 3	19 8	3 10	20 32	0 54	17 13	1 29	19 26	1 42	16 8	0 58	4 29	1 58	9 34	0 35	21 20	1 30	11 54	10 38	22 1	21 57	16 32	13 8	6 26
T 12	23 7	16 23	3 58	21 2	0 43	17 32	1 28	19 25	1 44	16 11	0 58	4 28	1 58	9 34	0 34	21 20	1 30	11 54	10 38	22 1	21 56	16 30	13 7	6 26
W13	23 11	12 59	4 36	21 31	0 32	17 51	1 26	19 24	1 46	16 15	0 58	4 27	1 58	9 34	0 34	21 19	1 30	11 54	10 38	22 1	21 56	16 28	13 6	6 25
T 14	23 14	9 4	5 2	21 58	0 21	18 9	1 24	19 23	1 48	16 19	0 58	4 27	1 59	9 33	0 34	21 19	1 30	11 54	10 38	22 0	21 55	16 26	13 5	6 25
F 15	23 17	4 47	5 15	22 24	0 10	18 27	1 23	19 22	1 50	16 22	0 58	4 26	1 59	9 33	0 34	21 19	1 30	11 54	10 38	22 0	21 55	16 24	13 4	6 25
S 16	23 19	0 15	5 14	22 48	0n 1	18 45	1 21	19 21	1 52	16 26	0 58	4 26	1 59	9 33	0 34	21 19	1 30	11 54	10 38	22 0	21 54	16 22	13 3	6 24
S 17	23 21	4n22	4 59	23 10	0 12	19 2	1 19	19 21	1 54	16 29	0 58	4 25	1 59	9 32	0 34	21 19	1 30	11 54	10 38	22 0	21 54	16 20	13 2	6 24
M18	23 23	8 56	4 29	23 30	0 22	19 18	1 17	19 20	1 56	16 32	0 58	4 25	2 0	9 32	0 34	21 19	1 30	11 55	10 38	22 0	21 54	16 18	13 1	6 23
T 19	23 24	13 13	3 45	23 48	0 32	19 34	1 15	19 20	1 57	16 36	0 58	4 24	2 0	9 32	0 34	21 19	1 30	11 55	10 38	22 0	21 53	16 16	13 0	6 23
W20	23 25	17 0	2 48	24 3	0 42	19 49	1 13	19 20	1 59	16 39	0 58	4 24	2 0	9 32	0 34	21 19	1 30	11 55	10 38	22 1	21 53	16 14	12 59	6 23
T 21	23 25	19 57	1 38	24 16	0 52	20 4	1 11	19 20	2 1	16 43	0 59	4 24	2 0	9 31	0 34	21 18	1 30	11 55	10 38	22 1	21 52	16 13	12 58	6 22
F 22	23 25	21 46	0 21	24 26	1 0	20 19	1 9	19 21	2 2	16 46	0 59	4 23	2 1	9 31	0 34	21 18	1 30	11 55	10 38	22 1	21 52	16 11	12 57	6 22
S 23	23 25	22 9	1s 0	24 33	1 9	20 33	1 7	19 21	2 4	16 49	0 59	4 23	2 1	9 31	0 34	21 18	1 30	11 55	10 38	22 1	21 51	16 9	12 56	6 22
S 24	23 24	20 59	2 17	24 37	1 16	20 46	1 5	19 22	2 6	16 52	0 59	4 23	2 1	9 31	0 34	21 18	1 30	11 55	10 38	22 1	21 51	16 7	12 54	6 21
M25	23 22	18 19	3 26	24 39	1 23	20 59	1 2	19 23	2 7	16 56	0 59	4 23	2 1	9 31	0 34	21 18	1 30	11 55	10 38	22 0	21 50	16 5	12 53	6 21
T 26	23 21	14 25	4 21	24 37	1 30	21 11	1 0	19 24	2 8	16 59	0 59	4 23	2 2	9 30	0 34	21 18	1 30	11 56	10 38	22 0	21 50	16 3	12 52	6 20
W27	23 19	9 40	4 57	24 33	1 35	21 23	0 58	19 25	2 10	17 2	0 59	4 22	2 2	9 30	0 34	21 18	1 30	11 56	10 38	21 59	21 49	16 1	12 51	6 20
T 28	23 16	4 26	5 13	24 27	1 40	21 34	0 56	19 27	2 11	17 5	0 59	4 22	2 2	9 30	0 34	21 17	1 30	11 56	10 38	21 59	21 49	15 59	12 50	6 20
F 29	23 13	0s53	5 9	24 17	1 44	21 44	0 53	19 28	2 12	17 8	0 59	4 22	2 3	9 30	0 34	21 17	1 30	11 56	10 38	21 59	21 48	15 57	12 48	6 20
S 30	23n10	6s 2	4s47	24n 6	1n48	21n54	0s51	19s30	2s14	17n11	0s59	4s22	2s 3	9s30	0n34	21s17	1n30	11n56	10s38	21s59	21s48	15s55	12n47	6s19

Julian Day Number = 2503560.5, Delta T = 116.61 sec
Ecliptic obliquity = 23°25'11, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°43'49, Lahiri = 25°50'49

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ASTRODIENST EPHEMERIS for the year 2142
geocentric

JULY 2142 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 54	9♋11'23	17♎35	19♋15	17♊48	18♏43	21♉44	23♓43	25°R59	16°R55	14♊21	10♐19	9♐ 3	1♒17	5♌26	S 1
M 2	18 39 51	10° 8'36	0♏40	21°16	19° 0	18°47	21°56	23°44	25♎59	16♐53	14°22	10°20	9° 0	1°23	5°33	M 2
T 3	18 43 47	11° 5'49	13°26	23°15	20°13	18°52	22° 8	23°44	25°59	16°52	14°23	10°21	8°57	1°30	5°40	T 3
W 4	18 47 44	12° 3'01	25°56	25°13	21°26	18°58	22°20	23°44	25°D59	16°51	14°24	10°23	8°53	1°37	5°47	W 4
T 5	18 51 40	13° 0'13	8♐13	27° 8	22°39	19° 4	22°31	23°R44	25°59	16°49	14°26	10°R24	8°50	1°43	5°54	T 5
F 6	18 55 37	13°57'24	20°21	29° 2	23°52	19°11	22°42	23°44	25°59	16°48	14°27	10°23	8°47	1°50	6° 0	F 6
S 7	18 59 33	14°54'36	2♑21	0♌53	25° 5	19°19	22°54	23°44	25°59	16°46	14°28	10°21	8°44	1°57	6° 7	S 7
S 8	19 3 30	15°51'47	14°16	2°43	26°18	19°27	23° 5	23°43	25°59	16°45	14°29	10°17	8°41	2° 3	6°14	S 8
M 9	19 7 26	16°48'58	26° 9	4°30	27°30	19°36	23°16	23°43	25°59	16°44	14°30	10°12	8°37	2°10	6°21	M 9
T 10	19 11 23	17°46'10	8♒ 0	6°16	28°43	19°46	23°27	23°43	25°59	16°42	14°32	10° 6	8°34	2°17	6°28	T 10
W11	19 15 20	18°43'21	19°51	7°59	29°56	19°57	23°38	23°42	26° 0	16°41	14°33	9°59	8°31	2°24	6°35	W11
T 12	19 19 16	19°40'33	1♓46	9°40	1♋ 9	20° 8	23°49	23°41	26° 0	16°40	14°34	9°52	8°28	2°30	6°42	T 12
F 13	19 23 13	20°37'45	13°46	11°20	2°22	20°20	24° 0	23°41	26° 1	16°38	14°35	9°46	8°25	2°37	6°49	F 13
S 14	19 27 9	21°34'57	25°54	12°57	3°36	20°33	24°10	23°40	26° 1	16°37	14°36	9°41	8°22	2°44	6°56	S 14
S 15	19 31 6	22°32'10	8♈15	14°32	4°49	20°46	24°21	23°39	26° 2	16°36	14°37	9°38	8°18	2°50	7° 4	S 15
M16	19 35 2	23°29'24	20°51	16° 5	6° 2	21° 0	24°31	23°38	26° 2	16°35	14°39	9°D37	8°15	2°57	7°11	M16
T 17	19 38 59	24°26'37	3♉47	17°36	7°15	21°15	24°42	23°37	26° 3	16°33	14°40	9°38	8°12	3° 4	7°18	T 17
W18	19 42 55	25°23'52	17° 7	19° 5	8°28	21°30	24°52	23°35	26° 4	16°32	14°41	9°39	8° 9	3°10	7°25	W18
T 19	19 46 52	26°21'07	0♊52	20°32	9°41	21°46	25° 2	23°34	26° 4	16°31	14°42	9°40	8° 6	3°17	7°32	T 19
F 20	19 50 49	27°18'23	15° 5	21°57	10°55	22° 2	25°12	23°32	26° 5	16°30	14°43	9°R40	8° 3	3°24	7°39	F 20
S 21	19 54 45	28°15'40	29°44	23°20	12° 8	22°19	25°22	23°31	26° 6	16°29	14°44	9°38	7°59	3°31	7°47	S 21
S 22	19 58 42	29°12'57	14♋44	24°40	13°21	22°37	25°32	23°29	26° 7	16°28	14°45	9°35	7°56	3°37	7°54	S 22
M23	20 2 38	0♌10'14	29°57	25°58	14°34	22°55	25°42	23°28	26° 8	16°27	14°46	9°29	7°53	3°44	8° 1	M23
T 24	20 6 35	1° 7'32	15♌13	27°14	15°48	23°14	25°51	23°26	26° 9	16°26	14°47	9°22	7°50	3°51	8° 8	T 24
W25	20 10 31	2° 4'51	0♍22	28°28	17° 1	23°33	26° 1	23°24	26°10	16°25	14°48	9°14	7°47	3°57	8°15	W25
T 26	20 14 28	3° 2'10	15°14	29°39	18°15	23°53	26°10	23°22	26°11	16°24	14°49	9° 7	7°43	4° 4	8°23	T 26
F 27	20 18 25	3°59'29	29°41	0♍48	19°28	24°13	26°19	23°20	26°12	16°23	14°50	9° 1	7°40	4°11	8°30	F 27
S 28	20 22 21	4°56'48	13♎40	1°54	20°41	24°34	26°28	23°18	26°14	16°22	14°51	8°57	7°37	4°17	8°37	S 28
S 29	20 26 18	5°54'08	27°10	2°58	21°55	24°56	26°37	23°15	26°15	16°21	14°52	8°55	7°34	4°24	8°45	S 29
M30	20 30 14	6°51'28	10♏14	3°59	23° 8	25°17	26°46	23°13	26°16	16°20	14°53	8°D55	7°31	4°31	8°52	M30
T 31	20 34 11	7♌48'49	22♏55	4♍57	24♋22	25♏40	26♉55	23♓10	26♎17	16♐19	14♊54	8♐55	7♐28	4♒38	8♌59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 6	10s45	4s10	23n51	1n50	22n 3	0s49	19s32	2s15	17n14	0s59	4s23	2s 3	9s30	0n34	21s17	1n30	11n56	10s38	21s59	21s47	15s53	12n46	6s19
M 2	23 2	14 50	3 21	23 35	1 52	22 12	0 46	19 34	2 16	17 17	0 59	4 23	2 3	9 30	0 34	21 17	1 30	11 56	10 38	21 59	21 47	15 51	12 44	6 19
T 3	22 57	18 7	2 22	23 17	1 53	22 20	0 44	19 37	2 17	17 20	0 59	4 23	2 4	9 30	0 34	21 17	1 30	11 56	10 38	21 59	21 46	15 49	12 43	6 18
W 4	22 52	20 30	1 18	22 56	1 54	22 27	0 41	19 39	2 18	17 23	0 59	4 23	2 4	9 30	0 34	21 17	1 30	11 56	10 38	21 59	21 46	15 47	12 42	6 18
T 5	22 47	21 51	0 12	22 34	1 53	22 34	0 39	19 42	2 19	17 26	0 59	4 23	2 4	9 30	0 34	21 17	1 30	11 56	10 38	21 59	21 45	15 45	12 40	6 18
F 6	22 41	22 10	0n54	22 10	1 52	22 40	0 36	19 45	2 20	17 29	0 59	4 23	2 4	9 30	0 34	21 17	1 30	11 56	10 38	21 59	21 45	15 43	12 39	6 18
S 7	22 35	21 27	1 57	21 45	1 51	22 46	0 34	19 48	2 21	17 31	0 59	4 24	2 5	9 30	0 34	21 16	1 30	11 56	10 39	21 59	21 44	15 41	12 38	6 17
S 8	22 29	19 46	2 54	21 18	1 48	22 51	0 31	19 51	2 22	17 34	1 0	4 24	2 5	9 30	0 34	21 16	1 30	11 57	10 39	21 58	21 44	15 39	12 36	6 17
M 9	22 22	17 15	3 43	20 50	1 45	22 55	0 29	19 55	2 23	17 37	1 0	4 24	2 5	9 31	0 33	21 16	1 30	11 57	10 39	21 58	21 43	15 37	12 35	6 17
T 10	22 14	14 1	4 23	20 20	1 42	22 59	0 26	19 58	2 24	17 39	1 0	4 25	2 5	9 31	0 33	21 16	1 30	11 57	10 39	21 57	21 43	15 35	12 33	6 17
W11	22 7	10 14	4 51	19 50	1 38	23 1	0 24	20 2	2 24	17 42	1 0	4 25	2 6	9 31	0 33	21 16	1 30	11 57	10 39	21 56	21 42	15 33	12 32	6 16
T 12	21 59	6 4	5 6	19 19	1 33	23 4	0 21	20 6	2 25	17 45	1 0	4 26	2 6	9 31	0 33	21 16	1 30	11 57	10 39	21 55	21 42	15 31	12 30	6 16
F 13	21 50	1 38	5 9	18 47	1 28	23 5	0 19	20 9	2 26	17 47	1 0	4 26	2 6	9 31	0 33	21 16	1 30	11 57	10 39	21 54	21 41	15 29	12 29	6 16
S 14	21 41	2n55	4 57	18 14	1 22	23 6	0 16	20 14	2 26	17 50	1 0	4 27	2 6	9 31	0 33	21 16	1 30	11 57	10 39	21 53	21 41	15 27	12 27	6 16
S 15	21 32	7 26	4 32	17 40	1 16	23 6	0 14	20 18	2 27	17 52	1 0	4 28	2 7	9 32	0 33	21 16	1 29	11 57	10 39	21 53	21 40	15 25	12 26	6 16
M16	21 23	11 44	3 53	17 6	1 10	23 6	0 11	20 22	2 28	17 55	1 0	4 28	2 7	9 32	0 33	21 16	1 29	11 57	10 39	21 53	21 40	15 23	12 24	6 15
T 17	21 13	15 37	3 2	16 32	1 2	23 5	0 8	20 26	2 28	17 57	1 0	4 29	2 7	9 32	0 33	21 16	1 29	11 57	10 39	21 53	21 39	15 21	12 23	6 15
W18	21 3	18 50	1 59	15 57	0 55	23 3	0 6	20 31	2 29	18 0	1 0	4 30	2 7	9 32	0 33	21 15	1 29	11 57	10 40	21 53	21 39	15 19	12 21	6 15
T 19	20 52	21 5	0 47	15 22	0 47	23 1	0 3	20 36	2 29	18 2	1 0	4 30	2 8	9 33	0 33	21 15	1 29	11 57	10 40	21 53	21 38	15 17	12 19	6 15
F 20	20 41	22 6	0s29	14 47	0 38	22 58	0 1	20 40	2 30	18 4	1 1	4 31	2 8	9 33	0 33	21 15	1 29	11 57	10 40	21 53	21 38	15 15	12 18	6 15
S 21	20 30	21 39	1 46	14 12	0 30	22 54	0n 2	20 45	2 30	18 7	1 1	4 32	2 8	9 33	0 33	21 15	1 29	11 57	10 40	21 53	21 37	15 13	12 16	6 15
S 22	20 18	19 40	2 57	13 37	0 20	22 49	0 4	20 50	2 31	18 9	1 1	4 33	2 8	9 34	0 33	21 15	1 29	11 57	10 40	21 52	21 37	15 11	12 14	6 15
M23	20 6	16 17	3 57	13 1	0 11	22 44	0 7	20 55	2 31	18 11	1 1	4 34	2 9	9 34	0 33	21 15	1 29	11 57	10 40	21 51	21 36	15 9	12 13	6 15
T 24	19 53	11 48	4 40	12 26	0 1	22 38	0 9	21 1	2 32	18 13	1 1	4 35	2 9	9 35	0 33	21 15	1 29	11 57	10 40	21 50	21 36	15 7	12 11	6 14
W25	19 41	6 36	5 3	11 51	0s 9	22 32	0 12	21 6	2 32	18 15	1 1	4 36	2 9	9 35	0 33	21 15	1 29	11 57	10 40	21 49	21 35	15 5	12 9	6 14
T 26	19 28	1 8	5 5	11 17	0 20	22 25	0 14	21 11	2 32	18 17	1 1	4 37	2 9	9 35	0 33	21 15	1 29	11 57	10 40	21 48	21 35	15 3	12 8	6 14
F 27	19 14	4s15	4 47	10 43	0 30	22 17	0 17	21 17	2 33	18 19	1 1	4 38	2 10	9 36	0 33	21 15	1 29	11 57	10 41	21 47	21 34	15 1	12 6	6 14
S 28	19 1	9 16	4 12	10 9	0 41	22 8	0 19	21 22	2 33	18 21	1 1	4 39	2 10	9 36	0 33	21 15	1 29	11 57	10 41	21 46	21 34	14 59	12 4	6 14
S 29	18 47	13 38	3 25	9 36	0 52	21 59	0 21	21 28	2 33	18 23	1 1	4 40	2 10	9 37	0 33	21 15	1 29	11 57	10 41	21 46	21 33	14 57	12 2	6 14
M30	18 33	17 13	2 28	9 3	1 4	21 50	0 24	21 33	2 33	18 25	1 2	4 41	2 10	9 37	0 33	21 15	1 29	11 57	10 41	21 46	21 33	14 55	12 0	6 14
T 31	18n18	19s51	1s25	8n31	1s16	21n39	0n26	21s39	2s34	18n27	1s 2	4s42	2s10	9s38	0n33	21s15	1n29	11n57	10s41	21s46	21s32	14s53	11n59	6s14

Julian Day Number = 2503590.5, Delta T = 116.66 sec
Ecliptic obliquity = 23°25'11, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°43'53, Lahiri = 25°50'53

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ASTRODIENST EPHEMERIS for the year 2142
geocentric

AUGUST 2142 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 38 7	8♌46'10	5♐18	5♍52	25♋35	26♏ 3	27♉ 4	23°R 8	26♎19	16°R18	14♊55	8°R56	7♐24	4♒44	9♌ 6	W 1
T 2	20 42 4	9°43'32	17°27	6°44	26°49	26°26	27°12	23♓ 5	26°20	16♐17	14°55	8♐56	7°21	4°51	9°14	T 2
F 3	20 46 0	10°40'54	29°26	7°32	28° 3	26°50	27°20	23° 3	26°22	16°17	14°56	8°53	7°18	4°58	9°21	F 3
S 4	20 49 57	11°38'17	11♑20	8°17	29°16	27°14	27°29	23° 0	26°23	16°16	14°57	8°49	7°15	5° 4	9°28	S 4
S 5	20 53 54	12°35'41	23°11	8°59	0♌30	27°39	27°37	22°57	26°25	16°15	14°58	8°42	7°12	5°11	9°36	S 5
M 6	20 57 50	13°33'06	5♒ 1	9°37	1°44	28° 4	27°44	22°54	26°27	16°14	14°59	8°32	7° 9	5°18	9°43	M 6
T 7	21 1 47	14°30'31	16°54	10°11	2°57	28°29	27°52	22°51	26°28	16°14	15° 0	8°21	7° 5	5°24	9°50	T 7
W 8	21 5 43	15°27'57	28°49	10°41	4°11	28°55	28° 0	22°48	26°30	16°13	15° 0	8° 9	7° 2	5°31	9°58	W 8
T 9	21 9 40	16°25'24	10♓50	11° 7	5°25	29°22	28° 7	22°45	26°32	16°12	15° 1	7°57	6°59	5°38	10° 5	T 9
F 10	21 13 36	17°22'53	22°56	11°28	6°39	29°48	28°15	22°42	26°34	16°12	15° 2	7°46	6°56	5°45	10°12	F 10
S 11	21 17 33	18°20'22	5♈11	11°44	7°52	0♐16	28°22	22°38	26°36	16°11	15° 3	7°37	6°53	5°51	10°19	S 11
S 12	21 21 29	19°17'53	17°35	11°56	9° 6	0°43	28°29	22°35	26°38	16°11	15° 3	7°30	6°49	5°58	10°27	S 12
M13	21 25 26	20°15'25	0♉13	12° 3	10°20	1°11	28°36	22°31	26°40	16°10	15° 4	7°27	6°46	6° 5	10°34	M13
T 14	21 29 22	21°12'59	13° 8	12°R 4	11°34	1°39	28°43	22°28	26°42	16°10	15° 5	7°25	6°43	6°11	10°41	T 14
W15	21 33 19	22°10'34	26°22	12° 0	12°48	2° 8	28°49	22°24	26°44	16° 9	15° 5	7°D25	6°40	6°18	10°48	W15
T 16	21 37 16	23° 8'10	9♊59	11°50	14° 2	2°37	28°56	22°21	26°46	16° 9	15° 6	7°R25	6°37	6°25	10°56	T 16
F 17	21 41 12	24° 5'48	24° 2	11°35	15°16	3° 6	29° 2	22°17	26°48	16° 9	15° 6	7°24	6°34	6°31	11° 3	F 17
S 18	21 45 9	25° 3'28	8♋29	11°15	16°30	3°36	29° 8	22°13	26°50	16° 8	15° 7	7°21	6°30	6°38	11°10	S 18
S 19	21 49 5	26° 1'09	23°19	10°49	17°44	4° 6	29°14	22° 9	26°53	16° 8	15° 8	7°16	6°27	6°45	11°17	S 19
M20	21 53 2	26°58'51	8♌25	10°17	18°58	4°36	29°20	22° 5	26°55	16° 8	15° 8	7° 8	6°24	6°52	11°25	M20
T 21	21 56 58	27°56'35	23°38	9°41	20°12	5° 7	29°25	22° 1	26°57	16° 7	15° 9	6°58	6°21	6°58	11°32	T 21
W22	22 0 55	28°54'20	8♍48	9° 0	21°26	5°38	29°31	21°57	27° 0	16° 7	15° 9	6°47	6°18	7° 5	11°39	W22
T 23	22 4 51	29°52'06	23°44	8°15	22°40	6° 9	29°36	21°53	27° 2	16° 7	15°10	6°37	6°14	7°12	11°46	T 23
F 24	22 8 48	0♎49'54	8♎18	7°27	23°54	6°41	29°41	21°49	27° 4	16° 7	15°10	6°28	6°11	7°18	11°53	F 24
S 25	22 12 45	1°47'43	22°23	6°35	25° 8	7°12	29°46	21°45	27° 7	16° 7	15°11	6°21	6° 8	7°25	12° 0	S 25
S 26	22 16 41	2°45'33	5♏59	5°42	26°23	7°45	29°51	21°41	27° 9	16° 7	15°11	6°17	6° 5	7°32	12° 7	S 26
M27	22 20 38	3°43'24	19° 7	4°49	27°37	8°17	29°56	21°37	27°12	16° 7	15°11	6°15	6° 2	7°39	12°14	M27
T 28	22 24 34	4°41'16	1♐49	3°55	28°51	8°50	0♊ 0	21°32	27°15	16°D 7	15°12	6°14	5°59	7°45	12°21	T 28
W29	22 28 31	5°39'10	14°11	3° 3	0♍ 5	9°23	0° 4	21°28	27°17	16° 7	15°12	6°14	5°55	7°52	12°28	W29
T 30	22 32 27	6°37'05	26°18	2°13	1°20	9°56	0° 8	21°24	27°20	16° 7	15°13	6°14	5°52	7°59	12°35	T 30
F 31	22 36 24	7♍35'01	8♑15	1♍27	2♍34	10♐30	0♊12	21♓19	27♎23	16♐ 7	15♊13	6♐11	5♐49	8♒ 5	12♌42	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n 3	21s29	0s19	8n 0	1s27	21n28	0n28	21s44	2s34	18n29	1s 2	4s43	2s11	9s38	0n33	21s15	1n29	11n56	10s41	21s46	21s32	14s51	11n57	6s14
T 2	17 48	22 4	0n45	7 30	1 39	21 17	0 31	21 50	2 34	18 31	1 2	4 45	2 11	9 39	0 33	21 15	1 29	11 56	10 41	21 46	21 31	14 49	11 55	6 14
F 3	17 33	21 38	1 47	7 1	1 51	21 4	0 33	21 56	2 34	18 33	1 2	4 46	2 11	9 40	0 33	21 15	1 29	11 56	10 42	21 46	21 31	14 47	11 53	6 14
S 4	17 17	20 13	2 44	6 33	2 3	20 52	0 35	22 2	2 34	18 34	1 2	4 47	2 11	9 40	0 33	21 15	1 29	11 56	10 42	21 45	21 30	14 45	11 51	6 14
S 5	17 1	17 56	3 33	6 6	2 16	20 38	0 37	22 8	2 35	18 36	1 2	4 49	2 12	9 41	0 33	21 15	1 29	11 56	10 42	21 44	21 30	14 43	11 49	6 14
M 6	16 45	14 54	4 13	5 40	2 28	20 24	0 40	22 13	2 35	18 38	1 2	4 50	2 12	9 41	0 32	21 14	1 29	11 56	10 42	21 43	21 29	14 41	11 48	6 14
T 7	16 28	11 17	4 41	5 16	2 40	20 9	0 42	22 19	2 35	18 39	1 2	4 51	2 12	9 42	0 32	21 14	1 28	11 56	10 42	21 41	21 29	14 39	11 46	6 14
W 8	16 11	7 13	4 58	4 54	2 52	19 54	0 44	22 25	2 35	18 41	1 2	4 53	2 12	9 43	0 32	21 14	1 28	11 56	10 42	21 39	21 28	14 37	11 44	6 14
T 9	15 54	2 51	5 2	4 33	3 4	19 38	0 46	22 31	2 35	18 43	1 3	4 54	2 12	9 43	0 32	21 14	1 28	11 56	10 43	21 37	21 27	14 35	11 42	6 14
F 10	15 37	1n40	4 52	4 15	3 15	19 22	0 48	22 37	2 35	18 44	1 3	4 56	2 13	9 44	0 32	21 14	1 28	11 56	10 43	21 35	21 27	14 33	11 40	6 14
S 11	15 19	6 9	4 28	3 58	3 27	19 5	0 50	22 43	2 35	18 45	1 3	4 57	2 13	9 45	0 32	21 14	1 28	11 56	10 43	21 34	21 26	14 31	11 38	6 14
S 12	15 1	10 28	3 52	3 43	3 38	18 48	0 52	22 48	2 35	18 47	1 3	4 59	2 13	9 46	0 32	21 14	1 28	11 56	10 43	21 33	21 26	14 29	11 36	6 14
M13	14 43	14 24	3 4	3 31	3 48	18 30	0 54	22 54	2 35	18 48	1 3	5 0	2 13	9 46	0 32	21 14	1 28	11 56	10 43	21 32	21 25	14 27	11 34	6 14
T 14	14 25	17 45	2 5	3 21	3 58	18 11	0 55	23 0	2 35	18 50	1 3	5 2	2 13	9 47	0 32	21 14	1 28	11 55	10 43	21 32	21 25	14 25	11 32	6 14
W15	14 6	20 16	0 58	3 14	4 8	17 52	0 57	23 6	2 35	18 51	1 3	5 3	2 14	9 48	0 32	21 14	1 28	11 55	10 44	21 32	21 24	14 23	11 30	6 14
T 16	13 48	21 42	0s14	3 10	4 16	17 33	0 59	23 12	2 35	18 52	1 3	5 5	2 14	9 49	0 32	21 14	1 28	11 55	10 44	21 32	21 24	14 20	11 28	6 14
F 17	13 29	21 50	1 27	3 8	4 24	17 13	1 1	23 17	2 35	18 54	1 4	5 7	2 14	9 49	0 32	21 14	1 28	11 55	10 44	21 32	21 23	14 18	11 26	6 14
S 18	13 10	20 33	2 37	3 10	4 31	16 52	1 2	23 23	2 35	18 55	1 4	5 8	2 14	9 50	0 32	21 14	1 28	11 55	10 44	21 31	21 23	14 16	11 24	6 14
S 19	12 50	17 50	3 37	3 15	4 36	16 31	1 4	23 29	2 34	18 56	1 4	5 10	2 14	9 51	0 32	21 14	1 28	11 55	10 44	21 30	21 22	14 14	11 22	6 14
M20	12 31	13 53	4 24	3 23	4 40	16 10	1 5	23 34	2 34	18 57	1 4	5 12	2 14	9 52	0 32	21 15	1 28	11 55	10 44	21 29	21 22	14 12	11 20	6 15
T 21	12 11	9 1	4 53	3 34	4 43	15 48	1 7	23 40	2 34	18 58	1 4	5 13	2 15	9 53	0 32	21 15	1 28	11 55	10 45	21 27	21 21	14 10	11 18	6 15
W22	11 51	3 37	5 1	3 48	4 44	15 25	1 8	23 45	2 34	18 59	1 4	5 15	2 15	9 54	0 32	21 15	1 28	11 55	10 45	21 25	21 21	14 8	11 16	6 15
T 23	11 31	1s55	4 48	4 5	4 43	15 3	1 10	23 50	2 34	19 0	1 4	5 17	2 15	9 55	0 32	21 15	1 28	11 54	10 45	21 24	21 20	14 6	11 14	6 15
F 24	11 10	7 12	4 16	4 25	4 41	14 40	1 11	23 56	2 34	19 1	1 4	5 19	2 15	9 56	0 32	21 15	1 28	11 54	10 45	21 22	21 19	14 4	11 12	6 15
S 25	10 50	11 57	3 30	4 48	4 36	14 16	1 12	24 1	2 33	19 2	1 5	5 20	2 15	9 56	0 32	21 15	1 28	11 54	10 45	21 21	21 19	14 2	11 10	6 15
S 26	10 29	15 54	2 33	5 13	4 30	13 52	1 14	24 6	2 33	19 3	1 5	5 22	2 15	9 57	0 32	21 15	1 27	11 54	10 46	21 20	21 18	14 0	11 8	6 15
M27	10 8	18 55	1 29	5 40	4 22	13 28	1 15	24 11	2 33	19 4	1 5	5 24	2 15	9 58	0 32	21 15	1 27	11 54	10 46	21 20	21 18	13 58	11 6	6 16
T 28	9 47	20 53	0 23	6 9	4 12	13 3	1 16	24 16	2 33	19 5	1 5	5 26	2 16	9 59	0 32	21 15	1 27	11 54	10 46	21 20	21 17	13 56	11 4	6 16
W29	9 26	21 47	0n42	6 39	4 0	12 38	1 17	24 21	2 32	19 5	1 5	5 27	2 16	10 0	0 32	21 15	1 27	11 54	10 46	21 20	21 17	13 54	11 2	6 16
T 30	9 5	21 38	1 44	7 9	3 47	12 12	1 18	24 26	2 32	19 6	1 5	5 29	2 16	10 1	0 32	21 15	1 27	11 53	10 46	21 20	21 16	13 51	11 0	6 16
F 31	8n43	20s30	2n41	7n39	3s32	11n47	1n19	24s31	2s32	19n 7	1s 5	5s31	2s16	10s 2	0n32	21s15	1n27	11n53	10s46	21s19	21s16	13s49	10n57	6s16

Julian Day Number = 2503621.5, Delta T = 116.71 sec
Ecliptic obliquity = 23°25'11, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°43'57, Lahiri = 25°50'58

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ASTRODIENST EPHEMERIS for the year 2142
geocentric

SEPTEMBER 2142 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 20	8♍32'59	20♉ 6	0°R46	3♍48	11♐ 4	0♊16	21°R15	27♎25	16♐ 7	15♊13	6°R 6	5♐46	8♒12	12♌49	S 1
S 2	22 44 17	9°30'58	1♒56	0♍10	5° 3	11°38	0°20	21♓11	27°28	16° 7	15°13	5♐58	5°43	8°19	12°56	S 2
M 3	22 48 14	10°28'58	13°48	29♌40	6°17	12°12	0°23	21° 6	27°31	16° 7	15°14	5°47	5°40	8°25	13° 3	M 3
T 4	22 52 10	11°27'00	25°45	29°18	7°31	12°47	0°26	21° 2	27°34	16° 7	15°14	5°34	5°36	8°32	13°10	T 4
W 5	22 56 7	12°25'03	7♓47	29° 4	8°46	13°22	0°29	20°57	27°37	16° 8	15°14	5°21	5°33	8°39	13°17	W 5
T 6	23 0 3	13°23'08	19°57	28°D57	10° 0	13°57	0°32	20°53	27°40	16° 8	15°14	5° 7	5°30	8°46	13°23	T 6
F 7	23 4 0	14°21'14	2♈15	29° 0	11°15	14°32	0°34	20°48	27°43	16° 8	15°15	4°55	5°27	8°52	13°30	F 7
S 8	23 7 56	15°19'23	14°41	29°11	12°29	15° 8	0°37	20°43	27°46	16° 8	15°15	4°45	5°24	8°59	13°37	S 8
S 9	23 11 53	16°17'33	27°18	29°30	13°43	15°44	0°39	20°39	27°49	16° 9	15°15	4°37	5°20	9° 6	13°43	S 9
M10	23 15 49	17°15'45	10♉ 6	29°59	14°58	16°20	0°41	20°34	27°52	16° 9	15°15	4°32	5°17	9°12	13°50	M10
T 11	23 19 46	18°13'59	23° 7	0♍36	16°12	16°56	0°43	20°30	27°55	16°10	15°15	4°30	5°14	9°19	13°57	T 11
W12	23 23 43	19°12'16	6♊24	1°21	17°27	17°32	0°45	20°25	27°58	16°10	15°15	4°D30	5°11	9°26	14° 3	W12
T 13	23 27 39	20°10'34	19°58	2°14	18°42	18° 9	0°46	20°20	28° 1	16°11	15°15	4°R30	5° 8	9°33	14°10	T 13
F 14	23 31 36	21° 8'55	3♋51	3°14	19°56	18°46	0°47	20°16	28° 4	16°11	15°15	4°30	5° 5	9°39	14°16	F 14
S 15	23 35 32	22° 7'17	18° 5	4°22	21°11	19°23	0°48	20°11	28° 8	16°12	15°R15	4°27	5° 1	9°46	14°22	S 15
S 16	23 39 29	23° 5'42	2♌38	5°36	22°25	20° 0	0°49	20° 7	28°11	16°12	15°15	4°23	4°58	9°53	14°29	S 16
M17	23 43 25	24° 4'09	17°25	6°56	23°40	20°38	0°50	20° 2	28°14	16°13	15°15	4°15	4°55	9°59	14°35	M17
T 18	23 47 22	25° 2'38	2♍20	8°21	24°55	21°15	0°50	19°57	28°17	16°14	15°15	4° 6	4°52	10° 6	14°41	T 18
W19	23 51 18	26° 1'09	17°15	9°51	26° 9	21°53	0°50	19°53	28°21	16°14	15°15	3°56	4°49	10°13	14°48	W19
T 20	23 55 15	26°59'41	2♎ 0	11°25	27°24	22°31	0°R50	19°48	28°24	16°15	15°15	3°46	4°46	10°20	14°54	T 20
F 21	23 59 12	27°58'16	16°28	13° 3	28°39	23° 9	0°50	19°44	28°27	16°16	15°15	3°37	4°42	10°26	15° 0	F 21
S 22	0 3 8	28°56'52	0♏32	14°43	29°53	23°48	0°50	19°39	28°31	16°16	15°15	3°31	4°39	10°33	15° 6	S 22
S 23	0 7 5	29°55'31	14° 9	16°26	1♎ 8	24°26	0°49	19°35	28°34	16°17	15°14	3°27	4°36	10°40	15°12	S 23
M24	0 11 1	0♎54'11	27°20	18°11	2°23	25° 5	0°48	19°30	28°38	16°18	15°14	3°25	4°33	10°46	15°18	M24
T 25	0 14 58	1°52'52	10♐ 5	19°58	3°38	25°44	0°47	19°26	28°41	16°19	15°14	3°D25	4°30	10°53	15°24	T 25
W26	0 18 54	2°51'36	22°30	21°46	4°52	26°23	0°46	19°21	28°45	16°20	15°14	3°26	4°26	11° 0	15°30	W26
T 27	0 22 51	3°50'21	4♑39	23°35	6° 7	27° 3	0°45	19°17	28°48	16°21	15°14	3°R26	4°23	11° 6	15°36	T 27
F 28	0 26 47	4°49'08	16°37	25°24	7°22	27°42	0°43	19°13	28°52	16°22	15°13	3°25	4°20	11°13	15°41	F 28
S 29	0 30 44	5°47'56	28°29	27°14	8°37	28°22	0°42	19° 8	28°55	16°23	15°13	3°23	4°17	11°20	15°47	S 29
S 30	0 34 40	6♎46'47	10♒20	29♍ 4	9♎51	29♐ 1	0♊40	19♓ 4	28♎59	16♐24	15♊13	3♐17	4♐14	11♒27	15♌53	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n21	18s28	3n30	8n 9	3s16	11n20	1n20	24s35	2s32	19n 7	1s 6	5s33	2s16	10s 3	0n32	21s15	1n27	11n53	10s47	21s18	21s15	13s47	10n55	6s17
S 2	8 0	15 39	4 9	8 37	2 58	10 54	1 20	24 40	2 31	19 8	1 6	5 35	2 16	10 4	0 32	21 15	1 27	11 53	10 47	21 17	21 14	13 45	10 53	6 17
M 3	7 38	12 13	4 38	9 4	2 40	10 27	1 21	24 44	2 31	19 9	1 6	5 37	2 16	10 5	0 32	21 15	1 27	11 53	10 47	21 15	21 14	13 43	10 51	6 17
T 4	7 16	8 17	4 56	9 29	2 22	10 0	1 22	24 48	2 31	19 9	1 6	5 39	2 16	10 6	0 32	21 15	1 27	11 53	10 47	21 13	21 13	13 41	10 49	6 17
W 5	6 54	4 0	5 0	9 52	2 3	9 33	1 22	24 52	2 30	19 10	1 6	5 40	2 16	10 8	0 32	21 15	1 27	11 52	10 47	21 11	21 13	13 39	10 47	6 17
T 6	6 32	0n28	4 50	10 12	1 44	9 6	1 23	24 56	2 30	19 10	1 6	5 42	2 16	10 9	0 32	21 15	1 27	11 52	10 48	21 8	21 12	13 37	10 45	6 18
F 7	6 9	4 58	4 27	10 29	1 25	8 38	1 23	25 0	2 30	19 10	1 6	5 44	2 17	10 10	0 31	21 16	1 27	11 52	10 48	21 6	21 12	13 35	10 43	6 18
S 8	5 47	9 20	3 51	10 43	1 6	8 10	1 24	25 4	2 29	19 11	1 6	5 46	2 17	10 11	0 31	21 16	1 27	11 52	10 48	21 4	21 11	13 33	10 41	6 18
S 9	5 24	13 21	3 3	10 53	0 48	7 41	1 24	25 7	2 29	19 11	1 7	5 48	2 17	10 12	0 31	21 16	1 27	11 52	10 48	21 3	21 11	13 31	10 39	6 18
M10	5 2	16 49	2 5	10 59	0 31	7 13	1 24	25 11	2 29	19 11	1 7	5 50	2 17	10 13	0 31	21 16	1 27	11 52	10 48	21 2	21 10	13 28	10 36	6 19
T 11	4 39	19 30	1 0	11 2	0 14	6 44	1 25	25 14	2 28	19 12	1 7	5 52	2 17	10 14	0 31	21 16	1 27	11 51	10 49	21 1	21 9	13 26	10 34	6 19
W12	4 16	21 12	0s10	11 1	0n 2	6 15	1 25	25 17	2 28	19 12	1 7	5 53	2 17	10 15	0 31	21 16	1 27	11 51	10 49	21 1	21 9	13 24	10 32	6 19
T 13	3 53	21 42	1 21	10 56	0 17	5 46	1 25	25 20	2 27	19 12	1 7	5 55	2 17	10 16	0 31	21 16	1 27	11 51	10 49	21 1	21 8	13 22	10 30	6 20
F 14	3 30	20 53	2 29	10 47	0 31	5 17	1 25	25 23	2 27	19 12	1 7	5 57	2 17	10 18	0 31	21 16	1 26	11 51	10 49	21 1	21 8	13 20	10 28	6 20
S 15	3 7	18 44	3 29	10 35	0 44	4 48	1 25	25 26	2 26	19 12	1 7	5 59	2 17	10 19	0 31	21 16	1 26	11 51	10 49	21 1	21 7	13 18	10 26	6 20
S 16	2 44	15 22	4 18	10 19	0 55	4 18	1 25	25 28	2 26	19 12	1 8	6 1	2 17	10 20	0 31	21 16	1 26	11 50	10 50	21 0	21 7	13 16	10 24	6 21
M17	2 21	11 0	4 49	9 59	1 6	3 49	1 25	25 30	2 25	19 12	1 8	6 3	2 17	10 21	0 31	21 17	1 26	11 50	10 50	20 59	21 6	13 14	10 22	6 21
T 18	1 58	5 56	5 2	9 36	1 15	3 19	1 24	25 32	2 25	19 12	1 8	6 5	2 17	10 22	0 31	21 17	1 26	11 50	10 50	20 57	21 5	13 12	10 20	6 21
W19	1 35	0 31	4 54	9 9	1 23	2 49	1 24	25 34	2 24	19 12	1 8	6 6	2 17	10 23	0 31	21 17	1 26	11 50	10 50	20 55	21 5	13 9	10 17	6 22
T 20	1 12	4s53	4 27	8 40	1 30	2 19	1 24	25 36	2 24	19 12	1 8	6 8	2 17	10 25	0 31	21 17	1 26	11 50	10 50	20 53	21 4	13 7	10 15	6 22
F 21	0 48	9 54	3 43	8 8	1 36	1 49	1 23	25 38	2 23	19 12	1 8	6 10	2 17	10 26	0 31	21 17	1 26	11 49	10 50	20 52	21 4	13 5	10 13	6 22
S 22	0 25	14 14	2 46	7 34	1 41	1 19	1 23	25 39	2 23	19 12	1 8	6 12	2 17	10 27	0 31	21 17	1 26	11 49	10 51	20 50	21 3	13 3	10 11	6 23
S 23	0 2	17 41	1 41	6 58	1 45	0 48	1 22	25 40	2 22	19 11	1 8	6 14	2 17	10 28	0 31	21 17	1 26	11 49	10 51	20 50	21 2	13 1	10 9	6 23
M24	0s22	20 4	0 32	6 19	1 48	0 18	1 22	25 41	2 22	19 11	1 9	6 15	2 17	10 30	0 31	21 17	1 26	11 49	10 51	20 49	21 2	12 59	10 7	6 24
T 25	0 45	21 21	0n36	5 39	1 50	0s12	1 21	25 42	2 21	19 11	1 9	6 17	2 17	10 31	0 31	21 18	1 26	11 49	10 51	20 49	21 1	12 57	10 5	6 24
W26	1 8	21 32	1 40	4 58	1 51	0 42	1 20	25 43	2 21	19 10	1 9	6 19	2 17	10 32	0 31	21 18	1 26	11 48	10 51	20 49	21 1	12 55	10 3	6 24
T 27	1 31	20 41	2 39	4 15	1 51	1 13	1 19	25 43	2 20	19 10	1 9	6 20	2 17	10 33	0 31	21 18	1 26	11 48	10 52	20 49	21 0	12 52	10 1	6 25
F 28	1 55	18 55	3 30	3 31	1 51	1 43	1 19	25 43	2 19	19 10	1 9	6 22	2 17	10 35	0 31	21 18	1 26	11 48	10 52	20 49	21 0	12 50	9 59	6 25
S 29	2 18	16 21	4 11	2 47	1 50	2 13	1 18	25 43	2 19	19 9	1 9	6 24	2 17	10 36	0 31	21 18	1 26	11 48	10 52	20 49	20 59	12 48	9 57	6 26
S 30	2s41	13s 7	4n41	2n 1	1n48	2s44	1n17	25s43	2s18	19n 9	1s 9	6s26	2s17	10s37	0n31	21s18	1n26	11n48	10s52	20s48	20s58	12s46	9n55	6s26

Julian Day Number = 2503652.5, Delta T = 116.77 sec
Ecliptic obliquity = 23°25'11, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°44'02, Lahiri = 25°51'02

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ASTRODIENST EPHEMERIS for the year 2142
geocentric

OCTOBER 2142 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 38 37	7♎45'39	22♒14	0♎54	11♎ 6	29♐41	0°R37	19°R 0	29♎ 2	16♐25	15°R12	3°R10	4♐11	11♒33	15♌58	M 1
T 2	0 42 34	8°44'32	4♓15	2°43	12°21	0♑21	0♊35	18♓56	29° 6	16°26	15♊12	3♐ 1	4° 7	11°40	16° 4	T 2
W 3	0 46 30	9°43'28	16°25	4°32	13°36	1° 2	0°32	18°51	29° 9	16°27	15°12	2°51	4° 4	11°47	16° 9	W 3
T 4	0 50 27	10°42'26	28°46	6°21	14°51	1°42	0°30	18°47	29°13	16°28	15°11	2°41	4° 1	11°53	16°15	T 4
F 5	0 54 23	11°41'25	11♈18	8° 9	16° 5	2°22	0°27	18°43	29°17	16°29	15°11	2°32	3°58	12° 0	16°20	F 5
S 6	0 58 20	12°40'27	24° 2	9°56	17°20	3° 3	0°24	18°39	29°20	16°31	15°10	2°25	3°55	12° 7	16°25	S 6
S 7	1 2 16	13°39'30	6♉57	11°43	18°35	3°44	0°20	18°35	29°24	16°32	15°10	2°20	3°51	12°14	16°30	S 7
M 8	1 6 13	14°38'36	20° 4	13°29	19°50	4°25	0°17	18°31	29°28	16°33	15°10	2°17	3°48	12°20	16°36	M 8
T 9	1 10 9	15°37'44	3♊23	15°14	21° 5	5° 6	0°13	18°28	29°31	16°34	15° 9	2°D16	3°45	12°27	16°41	T 9
W10	1 14 6	16°36'55	16°53	16°58	22°20	5°47	0° 9	18°24	29°35	16°36	15° 9	2°17	3°42	12°34	16°46	W10
T 11	1 18 3	17°36'07	0♋34	18°42	23°34	6°28	0° 5	18°20	29°39	16°37	15° 8	2°18	3°39	12°40	16°50	T 11
F 12	1 21 59	18°35'22	14°29	20°25	24°49	7°10	0° 1	18°16	29°42	16°38	15° 7	2°R19	3°36	12°47	16°55	F 12
S 13	1 25 56	19°34'40	28°35	22° 7	26° 4	7°51	29♉56	18°13	29°46	16°40	15° 7	2°19	3°32	12°54	17° 0	S 13
S 14	1 29 52	20°33'59	12♌52	23°49	27°19	8°33	29°52	18° 9	29°50	16°41	15° 6	2°17	3°29	13° 1	17° 5	S 14
M15	1 33 49	21°33'21	27°17	25°30	28°34	9°15	29°47	18° 6	29°54	16°43	15° 6	2°13	3°26	13° 7	17° 9	M15
T 16	1 37 45	22°32'46	11♍47	27°10	29°49	9°56	29°42	18° 2	29°57	16°44	15° 5	2° 8	3°23	13°14	17°14	T 16
W17	1 41 42	23°32'12	26°16	28°49	1♏ 4	10°38	29°37	17°59	0♏ 1	16°46	15° 4	2° 2	3°20	13°21	17°18	W17
T 18	1 45 38	24°31'41	10♎37	0♏28	2°19	11°21	29°31	17°56	0° 5	16°47	15° 4	1°56	3°17	13°27	17°23	T 18
F 19	1 49 35	25°31'11	24°45	2° 6	3°34	12° 3	29°26	17°53	0° 9	16°49	15° 3	1°51	3°13	13°34	17°27	F 19
S 20	1 53 32	26°30'44	8♏36	3°43	4°49	12°45	29°20	17°50	0°12	16°50	15° 2	1°47	3°10	13°41	17°31	S 20
S 21	1 57 28	27°30'19	22° 5	5°20	6° 4	13°28	29°14	17°47	0°16	16°52	15° 2	1°45	3° 7	13°48	17°35	S 21
M22	2 1 25	28°29'56	5♐12	6°56	7°19	14°10	29° 8	17°44	0°20	16°54	15° 1	1°D45	3° 4	13°54	17°40	M22
T 23	2 5 21	29°29'34	17°57	8°31	8°34	14°53	29° 2	17°41	0°24	16°55	15° 0	1°46	3° 1	14° 1	17°44	T 23
W24	2 9 18	0♏29'15	0♑23	10° 6	9°49	15°36	28°56	17°38	0°28	16°57	14°59	1°47	2°57	14° 8	17°47	W24
T 25	2 13 14	1°28'57	12°34	11°40	11° 4	16°19	28°50	17°35	0°31	16°59	14°59	1°49	2°54	14°14	17°51	T 25
F 26	2 17 11	2°28'41	24°34	13°13	12°19	17° 2	28°43	17°33	0°35	17° 0	14°58	1°50	2°51	14°21	17°55	F 26
S 27	2 21 7	3°28'26	6♒27	14°47	13°33	17°45	28°36	17°30	0°39	17° 2	14°57	1°R50	2°48	14°28	17°59	S 27
S 28	2 25 4	4°28'14	18°20	16°19	14°48	18°28	28°30	17°28	0°43	17° 4	14°56	1°49	2°45	14°35	18° 2	S 28
M29	2 29 1	5°28'02	0♓15	17°51	16° 3	19°11	28°23	17°26	0°46	17° 6	14°55	1°47	2°42	14°41	18° 6	M29
T 30	2 32 57	6°27'53	12°19	19°23	17°18	19°54	28°16	17°23	0°50	17° 8	14°55	1°44	2°38	14°48	18° 9	T 30
W31	2 36 54	7♏27'45	24♓33	20♏53	18♏33	20♑38	28♉ 9	17♓21	0♏54	17♐ 9	14♊54	1♐40	2♐35	14♒55	18♌12	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s 5	9s21	5n 0	1n16	1n46	3s14	1n16	25s43	2s18	19n 8	1s 9	6s27	2s17	10s38	0n31	21s19	1n26	11n47	10s52	20s46	20s58	12s44	9n53	6s26
T 2	3 28	5 12	5 5	0 30	1 43	3 44	1 15	25 42	2 17	19 7	1 9	6 29	2 17	10 40	0 31	21 19	1 26	11 47	10 53	20 45	20 57	12 42	9 51	6 27
W 3	3 51	0 48	4 57	0s17	1 39	4 14	1 13	25 41	2 16	19 7	1 10	6 30	2 17	10 41	0 31	21 19	1 25	11 47	10 53	20 43	20 57	12 40	9 49	6 27
T 4	4 14	3n43	4 35	1 3	1 36	4 44	1 12	25 40	2 16	19 6	1 10	6 32	2 17	10 42	0 31	21 19	1 25	11 47	10 53	20 41	20 56	12 38	9 47	6 28
F 5	4 37	8 8	3 59	1 50	1 31	5 14	1 11	25 39	2 15	19 5	1 10	6 33	2 17	10 44	0 31	21 19	1 25	11 46	10 53	20 39	20 55	12 35	9 45	6 28
S 6	5 0	12 16	3 11	2 36	1 27	5 44	1 10	25 38	2 14	19 5	1 10	6 35	2 17	10 45	0 31	21 19	1 25	11 46	10 53	20 38	20 55	12 33	9 43	6 29
S 7	5 23	15 54	2 12	3 22	1 22	6 14	1 8	25 36	2 14	19 4	1 10	6 36	2 17	10 46	0 31	21 19	1 25	11 46	10 53	20 37	20 54	12 31	9 41	6 29
M 8	5 46	18 48	1 5	4 8	1 17	6 43	1 7	25 34	2 13	19 3	1 10	6 38	2 17	10 47	0 31	21 20	1 25	11 46	10 54	20 36	20 54	12 29	9 39	6 30
T 9	6 9	20 43	0s 6	4 54	1 11	7 13	1 5	25 32	2 12	19 2	1 10	6 39	2 17	10 49	0 31	21 20	1 25	11 46	10 54	20 36	20 53	12 27	9 37	6 30
W10	6 32	21 29	1 18	5 39	1 5	7 42	1 4	25 29	2 12	19 1	1 10	6 41	2 17	10 50	0 31	21 20	1 25	11 45	10 54	20 36	20 52	12 25	9 35	6 31
T 11	6 54	20 58	2 27	6 24	0 59	8 11	1 2	25 27	2 11	19 0	1 10	6 42	2 17	10 51	0 31	21 20	1 25	11 45	10 54	20 36	20 52	12 23	9 33	6 31
F 12	7 17	19 11	3 28	7 9	0 53	8 40	1 0	25 24	2 10	18 59	1 10	6 44	2 16	10 53	0 31	21 20	1 25	11 45	10 54	20 37	20 51	12 20	9 31	6 32
S 13	7 39	16 13	4 18	7 53	0 47	9 9	0 59	25 21	2 10	18 58	1 10	6 45	2 16	10 54	0 31	21 21	1 25	11 45	10 54	20 36	20 51	12 18	9 29	6 32
S 14	8 2	12 16	4 52	8 36	0 41	9 37	0 57	25 17	2 9	18 57	1 10	6 46	2 16	10 55	0 31	21 21	1 25	11 45	10 55	20 36	20 50	12 16	9 27	6 33
M15	8 24	7 34	5 9	9 19	0 34	10 6	0 55	25 14	2 8	18 56	1 11	6 47	2 16	10 57	0 31	21 21	1 25	11 44	10 55	20 35	20 49	12 14	9 25	6 33
T 16	8 46	2 26	5 5	10 1	0 28	10 34	0 53	25 10	2 7	18 55	1 11	6 49	2 16	10 58	0 31	21 21	1 25	11 44	10 55	20 34	20 49	12 12	9 24	6 34
W17	9 8	2s50	4 43	10 43	0 21	11 2	0 52	25 6	2 7	18 54	1 11	6 50	2 16	10 59	0 31	21 21	1 25	11 44	10 55	20 33	20 48	12 10	9 22	6 34
T 18	9 30	7 55	4 2	11 24	0 14	11 29	0 50	25 2	2 6	18 53	1 11	6 51	2 16	11 1	0 31	21 22	1 25	11 44	10 55	20 32	20 48	12 7	9 20	6 35
F 19	9 52	12 29	3 8	12 5	0 7	11 57	0 48	24 57	2 5	18 52	1 11	6 52	2 16	11 2	0 31	21 22	1 25	11 43	10 55	20 31	20 47	12 5	9 18	6 36
S 20	10 13	16 18	2 3	12 44	0 1	12 24	0 46	24 52	2 4	18 50	1 11	6 53	2 16	11 3	0 31	21 22	1 25	11 43	10 55	20 30	20 46	12 3	9 16	6 36
S 21	10 35	19 7	0 53	13 23	0s 6	12 51	0 44	24 47	2 4	18 49	1 11	6 54	2 16	11 5	0 31	21 22	1 25	11 43	10 56	20 30	20 46	12 1	9 15	6 37
M22	10 56	20 50	0n19	14 1	0 13	13 17	0 42	24 42	2 3	18 48	1 11	6 55	2 15	11 6	0 31	21 22	1 25	11 43	10 56	20 30	20 45	11 59	9 13	6 37
T 23	11 17	21 25	1 27	14 39	0 20	13 43	0 40	24 37	2 2	18 46	1 11	6 56	2 15	11 7	0 31	21 22	1 25	11 43	10 56	20 30	20 45	11 57	9 11	6 38
W24	11 38	20 55	2 30	15 15	0 27	14 9	0 37	24 31	2 1	18 45	1 11	6 57	2 15	11 9	0 31	21 23	1 25	11 42	10 56	20 30	20 44	11 54	9 9	6 38
T 25	11 59	19 25	3 25	15 51	0 34	14 35	0 35	24 25	2 1	18 44	1 11	6 58	2 15	11 10	0 31	21 23	1 24	11 42	10 56	20 30	20 43	11 52	9 8	6 39
F 26	12 19	17 5	4 10	16 26	0 40	15 0	0 33	24 19	2 0	18 42	1 11	6 59	2 15	11 11	0 31	21 23	1 24	11 42	10 56	20 31	20 43	11 50	9 6	6 40
S 27	12 40	14 4	4 44	17 0	0 47	15 24	0 31	24 12	1 59	18 41	1 11	7 0	2 15	11 13	0 31	21 23	1 24	11 42	10 56	20 31	20 42	11 48	9 4	6 40
S 28	13 0	10 29	5 5	17 34	0 54	15 49	0 28	24 6	1 58	18 39	1 11	7 1	2 15	11 14	0 31	21 24	1 24	11 42	10 56	20 31	20 41	11 46	9 3	6 41
M29	13 20	6 29	5 14	18 6	1 0	16 13	0 26	23 59	1 57	18 38	1 11	7 2	2 15	11 15	0 31	21 24	1 24	11 41	10 57	20 30	20 41	11 44	9 1	6 41
T 30	13 40	2 11	5 8	18 38	1 7	16 36	0 24	23 52	1 56	18 36	1 11	7 2	2 14	11 17	0 31	21 24	1 24	11 41	10 57	20 29	20 40	11 41	9 0	6 42
W31	13s59	2n16	4n49	19s 8	1s13	16s59	0n22	23s44	1s56	18n35	1s11	7s 3	2s14	11s18	0n31	21s24	1n24	11n41	10s57	20s29	20s40	11s39	8n58	6s43

Julian Day Number = 2503682.5, Delta T = 116.82 sec
Ecliptic obliquity = 23°25'11, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°44'06, Lahiri = 25°51'06

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2142
geocentric

NOVEMBER 2142 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 50	8♏27'39	7♈ 2	22♏24	19♏48	21♑21	28°R 1	17°R19	0♏58	17♐11	14°R53	1°R36	2♐32	15♒ 1	18♌15	T 1
F 2	2 44 47	9°27'35	19°46	23°54	21° 3	22° 5	27♉54	17♓17	1° 2	17°13	14♊52	1♐33	2°29	15° 8	18°18	F 2
S 3	2 48 43	10°27'33	2♉47	25°23	22°18	22°48	27°47	17°16	1° 5	17°15	14°51	1°30	2°26	15°15	18°21	S 3
S 4	2 52 40	11°27'32	16° 4	26°52	23°33	23°32	27°39	17°14	1° 9	17°17	14°50	1°28	2°23	15°22	18°24	S 4
M 5	2 56 36	12°27'34	29°36	28°20	24°48	24°16	27°31	17°12	1°13	17°19	14°49	1°D27	2°19	15°28	18°27	M 5
T 6	3 0 33	13°27'37	13♊20	29°48	26° 3	25° 0	27°24	17°11	1°16	17°21	14°48	1°28	2°16	15°35	18°30	T 6
W 7	3 4 30	14°27'42	27°15	1♐15	27°18	25°44	27°16	17° 9	1°20	17°23	14°47	1°29	2°13	15°42	18°32	W 7
T 8	3 8 26	15°27'50	11♋17	2°42	28°33	26°28	27° 8	17° 8	1°24	17°25	14°46	1°30	2°10	15°48	18°35	T 8
F 9	3 12 23	16°27'59	25°25	4° 8	29°48	27°12	27° 0	17° 7	1°28	17°27	14°45	1°31	2° 7	15°55	18°37	F 9
S 10	3 16 19	17°28'11	9♌36	5°33	1♐ 3	27°56	26°52	17° 5	1°31	17°29	14°44	1°32	2° 3	16° 2	18°40	S 10
S 11	3 20 16	18°28'25	23°48	6°58	2°18	28°40	26°44	17° 4	1°35	17°31	14°43	1°R32	2° 0	16° 9	18°42	S 11
M12	3 24 12	19°28'40	7♍58	8°22	3°33	29°25	26°36	17° 3	1°39	17°33	14°42	1°31	1°57	16°15	18°44	M12
T 13	3 28 9	20°28'58	22° 5	9°45	4°48	0♒ 9	26°28	17° 3	1°42	17°35	14°41	1°30	1°54	16°22	18°46	T 13
W14	3 32 5	21°29'18	6♎ 6	11° 7	6° 3	0°53	26°20	17° 2	1°46	17°37	14°40	1°29	1°51	16°29	18°48	W14
T 15	3 36 2	22°29'39	19°58	12°28	7°18	1°38	26°12	17° 1	1°49	17°39	14°39	1°28	1°48	16°36	18°50	T 15
F 16	3 39 58	23°30'03	3♏38	13°49	8°33	2°22	26° 4	17° 1	1°53	17°41	14°38	1°27	1°44	16°42	18°52	F 16
S 17	3 43 55	24°30'28	17° 5	15° 8	9°48	3° 7	25°56	17° 0	1°57	17°43	14°37	1°26	1°41	16°49	18°53	S 17
S 18	3 47 52	25°30'55	0♐16	16°25	11° 3	3°52	25°47	17° 0	2° 0	17°45	14°36	1°D26	1°38	16°56	18°55	S 18
M19	3 51 48	26°31'23	13°11	17°41	12°18	4°36	25°39	17° 0	2° 4	17°47	14°35	1°26	1°35	17° 2	18°56	M19
T 20	3 55 45	27°31'53	25°49	18°56	13°33	5°21	25°31	17°D 0	2° 7	17°49	14°34	1°26	1°32	17° 9	18°57	T 20
W21	3 59 41	28°32'25	8♑12	20° 8	14°48	6° 6	25°23	17° 0	2°11	17°52	14°33	1°27	1°29	17°16	18°59	W21
T 22	4 3 38	29°32'58	20°22	21°18	16° 3	6°51	25°15	17° 0	2°14	17°54	14°32	1°27	1°25	17°23	19° 0	T 22
F 23	4 7 34	0♐33'32	2♒23	22°26	17°18	7°36	25° 7	17° 0	2°18	17°56	14°31	1°27	1°22	17°29	19° 1	F 23
S 24	4 11 31	1°34'07	14°16	23°31	18°33	8°21	24°58	17° 0	2°21	17°58	14°29	1°R27	1°19	17°36	19° 2	S 24
S 25	4 15 28	2°34'44	26° 8	24°33	19°48	9° 6	24°50	17° 1	2°24	18° 0	14°28	1°27	1°16	17°43	19° 2	S 25
M26	4 19 24	3°35'21	8♓ 3	25°31	21° 3	9°51	24°42	17° 1	2°28	18° 3	14°27	1°D27	1°13	17°49	19° 3	M26
T 27	4 23 21	4°36'00	20° 5	26°25	22°18	10°36	24°34	17° 2	2°31	18° 5	14°26	1°27	1° 9	17°56	19° 4	T 27
W28	4 27 17	5°36'40	2♈19	27°14	23°33	11°21	24°27	17° 3	2°34	18° 7	14°25	1°28	1° 6	18° 3	19° 4	W28
T 29	4 31 14	6°37'21	14°50	27°58	24°48	12° 6	24°19	17° 3	2°38	18° 9	14°24	1°28	1° 3	18°10	19° 4	T 29
F 30	4 35 10	7♐38'03	27♈39	28♐36	26♐ 3	12♒51	24♉11	17♓ 4	2♏41	18♐11	14♊23	1♐29	1♐ 0	18♒16	19♌ 5	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s19	6n43	4n16	19s38	1s19	17s22	0n19	23s37	1s55	18n33	1s11	7s 4	2s14	11s19	0n31	21s24	1n24	11n41	10s57	20s28	20s39	11s37	8n56	6s43
F 2	14 38	10 58	3 30	20 6	1 25	17 44	0 17	23 29	1 54	18 31	1 11	7 4	2 14	11 21	0 31	21 25	1 24	11 41	10 57	20 27	20 38	11 35	8 55	6 44
S 3	14 57	14 48	2 31	20 34	1 31	18 6	0 14	23 21	1 53	18 30	1 11	7 5	2 14	11 22	0 31	21 25	1 24	11 40	10 57	20 27	20 38	11 33	8 53	6 44
S 4	15 15	17 58	1 24	21 1	1 37	18 27	0 12	23 13	1 52	18 28	1 11	7 5	2 14	11 23	0 31	21 25	1 24	11 40	10 57	20 26	20 37	11 31	8 52	6 45
M 5	15 34	20 13	0 10	21 26	1 43	18 48	0 10	23 4	1 51	18 26	1 11	7 6	2 13	11 24	0 31	21 25	1 24	11 40	10 57	20 26	20 37	11 28	8 51	6 46
T 6	15 52	21 18	1s 5	21 51	1 48	19 8	0 7	22 55	1 50	18 25	1 11	7 6	2 13	11 26	0 31	21 25	1 24	11 40	10 57	20 26	20 36	11 26	8 49	6 46
W 7	16 10	21 6	2 18	22 15	1 53	19 28	0 5	22 46	1 50	18 23	1 11	7 7	2 13	11 27	0 31	21 26	1 24	11 40	10 57	20 26	20 35	11 24	8 48	6 47
T 8	16 27	19 34	3 23	22 37	1 58	19 47	0 2	22 37	1 49	18 21	1 11	7 7	2 13	11 28	0 31	21 26	1 24	11 40	10 58	20 27	20 35	11 22	8 46	6 48
F 9	16 45	16 51	4 16	22 58	2 3	20 6	0s 0	22 28	1 48	18 20	1 11	7 8	2 13	11 30	0 31	21 26	1 24	11 39	10 58	20 27	20 34	11 20	8 45	6 48
S 10	17 2	13 7	4 54	23 19	2 8	20 24	0 3	22 18	1 47	18 18	1 11	7 8	2 13	11 31	0 31	21 26	1 24	11 39	10 58	20 27	20 33	11 17	8 44	6 49
S 11	17 19	8 38	5 13	23 38	2 12	20 41	0 5	22 8	1 46	18 16	1 11	7 8	2 13	11 32	0 31	21 26	1 24	11 39	10 58	20 27	20 33	11 15	8 42	6 50
M12	17 35	3 42	5 14	23 55	2 16	20 58	0 8	21 58	1 45	18 14	1 11	7 8	2 12	11 33	0 31	21 27	1 24	11 39	10 58	20 27	20 32	11 13	8 41	6 50
T 13	17 51	1s24	4 56	24 12	2 20	21 15	0 10	21 48	1 44	18 12	1 10	7 9	2 12	11 35	0 31	21 27	1 24	11 39	10 58	20 27	20 31	11 11	8 40	6 51
W14	18 7	6 24	4 21	24 27	2 23	21 31	0 13	21 37	1 43	18 11	1 10	7 9	2 12	11 36	0 31	21 27	1 24	11 38	10 58	20 26	20 31	11 9	8 39	6 52
T 15	18 23	11 2	3 30	24 41	2 26	21 46	0 15	21 27	1 42	18 9	1 10	7 9	2 12	11 37	0 31	21 27	1 24	11 38	10 58	20 26	20 30	11 7	8 38	6 52
F 16	18 38	15 2	2 28	24 54	2 29	22 0	0 18	21 16	1 41	18 7	1 10	7 9	2 12	11 38	0 31	21 28	1 24	11 38	10 58	20 26	20 30	11 4	8 36	6 53
S 17	18 53	18 11	1 19	25 6	2 31	22 14	0 20	21 4	1 41	18 5	1 10	7 9	2 11	11 40	0 31	21 28	1 24	11 38	10 58	20 26	20 29	11 2	8 35	6 54
S 18	19 7	20 18	0 6	25 16	2 33	22 27	0 23	20 53	1 40	18 3	1 10	7 9	2 11	11 41	0 31	21 28	1 24	11 38	10 58	20 26	20 28	11 0	8 34	6 54
M19	19 22	21 17	1n 5	25 25	2 34	22 40	0 25	20 41	1 39	18 2	1 10	7 9	2 11	11 42	0 31	21 28	1 24	11 38	10 58	20 26	20 28	10 58	8 33	6 55
T 20	19 36	21 10	2 11	25 32	2 35	22 52	0 28	20 30	1 38	18 0	1 10	7 9	2 11	11 43	0 31	21 28	1 24	11 38	10 58	20 26	20 27	10 56	8 32	6 56
W21	19 49	20 0	3 10	25 38	2 35	23 3	0 30	20 18	1 37	17 58	1 10	7 8	2 11	11 44	0 31	21 29	1 24	11 37	10 58	20 26	20 26	10 53	8 31	6 56
T 22	20 2	17 56	3 59	25 43	2 35	23 14	0 33	20 5	1 36	17 56	1 9	7 8	2 11	11 46	0 31	21 29	1 24	11 37	10 58	20 26	20 26	10 51	8 30	6 57
F 23	20 15	15 6	4 37	25 46	2 34	23 24	0 35	19 53	1 35	17 54	1 9	7 8	2 10	11 47	0 31	21 29	1 24	11 37	10 58	20 26	20 25	10 49	8 29	6 58
S 24	20 27	11 42	5 3	25 48	2 32	23 33	0 37	19 40	1 34	17 52	1 9	7 8	2 10	11 48	0 31	21 29	1 24	11 37	10 58	20 26	20 24	10 47	8 28	6 58
S 25	20 40	7 50	5 16	25 48	2 30	23 41	0 40	19 28	1 33	17 51	1 9	7 7	2 10	11 49	0 31	21 29	1 24	11 37	10 58	20 26	20 24	10 45	8 27	6 59
M26	20 51	3 40	5 15	25 47	2 26	23 49	0 42	19 15	1 32	17 49	1 9	7 7	2 10	11 50	0 31	21 30	1 24	11 37	10 58	20 26	20 23	10 42	8 27	7 0
T 27	21 2	0n41	5 1	25 44	2 22	23 56	0 44	19 2	1 31	17 47	1 9	7 7	2 10	11 51	0 31	21 30	1 24	11 37	10 58	20 26	20 22	10 40	8 26	7 0
W28	21 13	5 5	4 33	25 40	2 17	24 2	0 47	18 48	1 30	17 45	1 9	7 6	2 10	11 52	0 31	21 30	1 24	11 36	10 58	20 26	20 22	10 38	8 25	7 1
T 29	21 24	9 23	3 51	25 35	2 11	24 8	0 49	18 35	1 29	17 44	1 8	7 6	2 9	11 54	0 31	21 30	1 24	11 36	10 58	20 26	20 21	10 36	8 24	7 2
F 30	21s34	13n23	2n57	25s28	2s 3	24s13	0s51	18s21	1s28	17n42	1s 8	7s 5	2s 9	11s55	0n31	21s31	1n24	11n36	10s58	20s26	20s21	10s34	8n24	7s 2

Julian Day Number = 2503713.5, Delta T = 116.88 sec
Ecliptic obliquity = 23°25'11, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°44'10, Lahiri = 25°51'10

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ASTRODIENST EPHEMERIS for the year 2142
geocentric

DECEMBER 2142 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 7	8♐38'47	10♉50	29♐ 7	27♐18	13♒36	24°R 3	17♓ 5	2♏44	18♐14	14°R22	1♐29	0♐57	18♒23	19♌ 5	S 1
S 2	4 43 3	9°39'31	24°23	29°31	28°33	14°22	23♉56	17° 7	2°48	18°16	14♊20	1°30	0°54	18°30	19°R 5	S 2
M 3	4 47 0	10°40'17	8♊17	29°46	29°47	15° 7	23°48	17° 8	2°51	18°18	14°19	1°R30	0°50	18°36	19° 5	M 3
T 4	4 50 57	11°41'04	22°28	29°R53	1♋ 2	15°52	23°41	17° 9	2°54	18°20	14°18	1°29	0°47	18°43	19° 5	T 4
W 5	4 54 53	12°41'52	6♋53	29°49	2°17	16°38	23°34	17°11	2°57	18°23	14°17	1°28	0°44	18°50	19° 4	W 5
T 6	4 58 50	13°42'41	21°24	29°35	3°32	17°23	23°26	17°12	3° 0	18°25	14°16	1°27	0°41	18°57	19° 4	T 6
F 7	5 2 46	14°43'32	5♌58	29° 9	4°47	18° 8	23°19	17°14	3° 3	18°27	14°15	1°25	0°38	19° 3	19° 3	F 7
S 8	5 6 43	15°44'24	20°27	28°33	6° 2	18°54	23°12	17°16	3° 6	18°29	14°14	1°24	0°34	19°10	19° 3	S 8
S 9	5 10 39	16°45'17	4♍47	27°45	7°17	19°39	23° 5	17°18	3° 9	18°32	14°12	1°23	0°31	19°17	19° 2	S 9
M10	5 14 36	17°46'12	18°56	26°47	8°32	20°25	22°59	17°20	3°12	18°34	14°11	1°D22	0°28	19°24	19° 1	M10
T 11	5 18 32	18°47'07	2♎51	25°40	9°47	21°10	22°52	17°22	3°15	18°36	14°10	1°23	0°25	19°30	19° 0	T 11
W12	5 22 29	19°48'05	16°32	24°25	11° 2	21°56	22°45	17°24	3°18	18°38	14° 9	1°24	0°22	19°37	18°59	W12
T 13	5 26 26	20°49'03	29°59	23° 5	12°17	22°41	22°39	17°26	3°21	18°41	14° 8	1°25	0°19	19°44	18°58	T 13
F 14	5 30 22	21°50'02	13♏13	21°42	13°31	23°27	22°33	17°29	3°24	18°43	14° 7	1°27	0°15	19°50	18°57	F 14
S 15	5 34 19	22°51'03	26°14	20°20	14°46	24°12	22°27	17°31	3°27	18°45	14° 6	1°R28	0°12	19°57	18°56	S 15
S 16	5 38 15	23°52'05	9♐ 3	19° 0	16° 1	24°58	22°21	17°34	3°29	18°48	14° 4	1°27	0° 9	20° 4	18°54	S 16
M17	5 42 12	24°53'07	21°40	17°46	17°16	25°43	22°15	17°37	3°32	18°50	14° 3	1°26	0° 6	20°11	18°53	M17
T 18	5 46 8	25°54'10	4♑ 5	16°39	18°31	26°29	22°10	17°39	3°35	18°52	14° 2	1°23	0° 3	20°17	18°51	T 18
W19	5 50 5	26°55'14	16°20	15°42	19°46	27°15	22° 4	17°42	3°37	18°54	14° 1	1°20	29♏59	20°24	18°49	W19
T 20	5 54 1	27°56'18	28°26	14°55	21° 1	28° 0	21°59	17°45	3°40	18°57	14° 0	1°15	29°56	20°31	18°47	T 20
F 21	5 57 58	28°57'23	10♒24	14°18	22°15	28°46	21°54	17°48	3°43	18°59	13°59	1°10	29°53	20°37	18°45	F 21
S 22	6 1 55	29°58'29	22°17	13°53	23°30	29°32	21°49	17°52	3°45	19° 1	13°58	1° 5	29°50	20°44	18°43	S 22
S 23	6 5 51	0♑59'34	4♓ 8	13°39	24°45	0♓17	21°44	17°55	3°47	19° 3	13°57	1° 1	29°47	20°51	18°41	S 23
M24	6 9 48	2° 0'40	16° 1	13°D35	26° 0	1° 3	21°40	17°58	3°50	19° 5	13°56	0°58	29°44	20°58	18°39	M24
T 25	6 13 44	3° 1'46	28° 0	13°41	27°15	1°49	21°35	18° 2	3°52	19° 8	13°55	0°D57	29°40	21° 4	18°37	T 25
W26	6 17 41	4° 2'53	10♈10	13°55	28°29	2°34	21°31	18° 5	3°55	19°10	13°53	0°57	29°37	21°11	18°34	W26
T 27	6 21 37	5° 3'59	22°35	14°18	29°44	3°20	21°27	18° 9	3°57	19°12	13°52	0°58	29°34	21°18	18°32	T 27
F 28	6 25 34	6° 5'06	5♉21	14°48	0♒59	4° 6	21°23	18°13	3°59	19°14	13°51	1° 0	29°31	21°25	18°29	F 28
S 29	6 29 30	7° 6'12	18°31	15°25	2°13	4°51	21°19	18°17	4° 1	19°16	13°50	1° 1	29°28	21°31	18°27	S 29
S 30	6 33 27	8° 7'19	2♊ 8	16° 7	3°28	5°37	21°16	18°20	4° 4	19°19	13°49	1°R 2	29°25	21°38	18°24	S 30
M31	6 37 24	9♑ 8'26	16♊12	16♐55	4♒43	6♓23	21♉13	18♓25	4♏ 6	19♐21	13♊48	1♐ 1	29♏21	21♒45	18♌21	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s44	16n50	1n52	25s20	1s55	24s17	0s54	18s 7	1s27	17n40	1s 8	7s 4	2s 9	11s56	0n31	21s31	1n23	11n36	10s58	20s27	20s20	10s31	8n23	7s 3
S 2	21 53	19 29	0 39	25 10	1 45	24 20	0 56	17 53	1 26	17 39	1 8	7 4	2 9	11 57	0 31	21 31	1 23	11 36	10 58	20 27	20 19	10 29	8 22	7 4
M 3	22 2	21 3	0s38	24 59	1 33	24 23	0 58	17 39	1 25	17 37	1 8	7 3	2 9	11 58	0 31	21 31	1 23	11 36	10 58	20 27	20 19	10 27	8 22	7 4
T 4	22 10	21 19	1 54	24 46	1 21	24 25	1 0	17 24	1 24	17 35	1 8	7 2	2 8	11 59	0 31	21 31	1 23	11 36	10 58	20 27	20 18	10 25	8 21	7 5
W 5	22 18	20 11	3 4	24 32	1 7	24 26	1 2	17 10	1 23	17 34	1 7	7 2	2 8	12 0	0 31	21 32	1 23	11 36	10 58	20 26	20 17	10 22	8 21	7 6
T 6	22 26	17 44	4 2	24 16	0 51	24 27	1 4	16 55	1 22	17 32	1 7	7 1	2 8	12 1	0 31	21 32	1 23	11 36	10 58	20 26	20 17	10 20	8 20	7 6
F 7	22 33	14 9	4 46	23 59	0 34	24 26	1 6	16 40	1 21	17 30	1 7	7 0	2 8	12 2	0 31	21 32	1 23	11 36	10 58	20 26	20 16	10 18	8 20	7 7
S 8	22 39	9 45	5 10	23 41	0 16	24 25	1 8	16 25	1 20	17 29	1 7	6 59	2 8	12 3	0 31	21 32	1 23	11 35	10 58	20 25	20 15	10 16	8 19	7 8
S 9	22 46	4 51	5 15	23 21	0n 3	24 23	1 10	16 10	1 19	17 27	1 7	6 58	2 8	12 4	0 31	21 32	1 23	11 35	10 58	20 25	20 15	10 14	8 19	7 8
M10	22 51	0s15	5 1	23 0	0 23	24 21	1 12	15 55	1 18	17 26	1 6	6 57	2 7	12 5	0 31	21 33	1 23	11 35	10 58	20 25	20 14	10 11	8 18	7 9
T 11	22 57	5 15	4 30	22 38	0 43	24 17	1 14	15 39	1 17	17 24	1 6	6 56	2 7	12 6	0 31	21 33	1 23	11 35	10 58	20 25	20 13	10 9	8 18	7 9
W12	23 2	9 56	3 43	22 15	1 3	24 13	1 16	15 24	1 16	17 23	1 6	6 55	2 7	12 7	0 31	21 33	1 23	11 35	10 58	20 25	20 13	10 7	8 18	7 10
T 13	23 6	14 2	2 45	21 51	1 23	24 8	1 18	15 8	1 15	17 22	1 6	6 54	2 7	12 8	0 31	21 33	1 23	11 35	10 58	20 26	20 12	10 5	8 18	7 11
F 14	23 10	17 22	1 39	21 28	1 42	24 3	1 19	14 52	1 14	17 20	1 5	6 53	2 7	12 9	0 31	21 33	1 23	11 35	10 58	20 26	20 11	10 3	8 17	7 11
S 15	23 14	19 46	0 29	21 6	1 59	23 56	1 21	14 36	1 14	17 19	1 5	6 52	2 6	12 10	0 31	21 34	1 23	11 35	10 58	20 26	20 11	10 0	8 17	7 12
S 16	23 17	21 6	0n42	20 44	2 14	23 49	1 22	14 20	1 13	17 18	1 5	6 51	2 6	12 11	0 31	21 34	1 23	11 35	10 58	20 26	20 10	9 58	8 17	7 12
M17	23 19	21 21	1 49	20 25	2 27	23 42	1 24	14 3	1 12	17 16	1 5	6 50	2 6	12 12	0 31	21 34	1 23	11 35	10 57	20 26	20 9	9 56	8 17	7 13
T 18	23 21	20 32	2 50	20 8	2 37	23 33	1 26	13 47	1 11	17 15	1 4	6 48	2 6	12 13	0 31	21 34	1 23	11 35	10 57	20 25	20 9	9 54	8 17	7 14
W19	23 23	18 45	3 42	19 54	2 46	23 24	1 27	13 30	1 10	17 14	1 4	6 47	2 6	12 14	0 31	21 34	1 23	11 35	10 57	20 25	20 8	9 51	8 17	7 14
T 20	23 24	16 10	4 23	19 43	2 52	23 14	1 28	13 14	1 9	17 13	1 4	6 46	2 6	12 15	0 31	21 34	1 23	11 35	10 57	20 24	20 7	9 49	8 17	7 15
F 21	23 25	12 55	4 52	19 36	2 55	23 3	1 30	12 57	1 8	17 12	1 4	6 44	2 5	12 15	0 31	21 35	1 23	11 35	10 57	20 23	20 7	9 47	8 17	7 15
S 22	23 25	9 12	5 9	19 31	2 57	22 52	1 31	12 40	1 7	17 11	1 3	6 43	2 5	12 16	0 31	21 35	1 23	11 35	10 57	20 22	20 6	9 45	8 17	7 16
S 23	23 25	5 8	5 12	19 29	2 57	22 40	1 32	12 23	1 6	17 10	1 3	6 42	2 5	12 17	0 31	21 35	1 23	11 35	10 57	20 21	20 5	9 43	8 17	7 16
M24	23 24	0 52	5 2	19 31	2 55	22 28	1 33	12 6	1 5	17 9	1 3	6 40	2 5	12 18	0 31	21 35	1 23	11 35	10 57	20 20	20 5	9 40	8 17	7 17
T 25	23 23	3n28	4 39	19 34	2 52	22 14	1 34	11 49	1 4	17 8	1 3	6 39	2 5	12 19	0 31	21 35	1 23	11 35	10 57	20 20	20 4	9 38	8 17	7 18
W26	23 21	7 44	4 2	19 40	2 48	22 0	1 35	11 31	1 3	17 7	1 2	6 37	2 5	12 19	0 31	21 36	1 23	11 35	10 57	20 20	20 3	9 36	8 18	7 18
T 27	23 19	11 47	3 14	19 48	2 43	21 46	1 36	11 14	1 2	17 7	1 2	6 35	2 4	12 20	0 31	21 36	1 23	11 35	10 56	20 20	20 2	9 34	8 18	7 19
F 28	23 17	15 25	2 15	19 57	2 37	21 30	1 37	10 57	1 1	17 6	1 2	6 34	2 4	12 21	0 31	21 36	1 23	11 35	10 56	20 20	20 2	9 31	8 18	7 19
S 29	23 14	18 24	1 8	20 8	2 30	21 14	1 38	10 39	1 0	17 5	1 2	6 32	2 4	12 22	0 31	21 36	1 23	11 35	10 56	20 21	20 1	9 29	8 18	7 20
S 30	23 10	20 28	0s 6	20 19	2 23	20 58	1 39	10 21	0 59	17 4	1 1	6 30	2 4	12 22	0 31	21 36	1 23	11 35	10 56	20 21	20 0	9 27	8 19	7 20
M31	23s 6	21n21	1s22	20s32	2n15	20s41	1s39	10s 4	0s58	17n 4	1s 1	6s29	2s 4	12s23	0n31	21s36	1n23	11n35	10s56	20s21	20s 0	9s25	8n19	7s21

Julian Day Number = 2503743.5, Delta T = 116.93 sec
Ecliptic obliquity = 23°25'10, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°44'14, Lahiri = 25°51'15

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ASTRODIENST EPHEMERIS for the year 2143
geocentric

JANUARY 2143 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 20	10♑ 9'33	0♋40	17♐48	5♒57	7♓ 8	21°R10	18♓29	4♏ 8	19♐23	13°R47	0°R58	29♏18	21♒51	18°R18	T 1
W 2	6 45 17	11°10'41	15°28	18°44	7°12	7°54	21♉ 7	18°33	4°10	19°25	13♊46	0♐53	29°15	21°58	18♌15	W 2
T 3	6 49 13	12°11'48	0♌28	19°45	8°27	8°40	21° 4	18°37	4°12	19°27	13°45	0°47	29°12	22° 5	18°12	T 3
F 4	6 53 10	13°12'55	15°30	20°48	9°41	9°25	21° 2	18°41	4°14	19°29	13°44	0°40	29° 9	22°12	18° 9	F 4
S 5	6 57 6	14°14'03	0♍25	21°54	10°56	10°11	21° 0	18°46	4°16	19°31	13°43	0°34	29° 6	22°18	18° 5	S 5
S 6	7 1 3	15°15'11	15° 5	23° 3	12°10	10°56	20°58	18°50	4°17	19°34	13°42	0°29	29° 2	22°25	18° 2	S 6
M 7	7 4 59	16°16'19	29°26	24°15	13°25	11°42	20°56	18°55	4°19	19°36	13°41	0°25	28°59	22°32	17°59	M 7
T 8	7 8 56	17°17'28	13♎24	25°28	14°39	12°28	20°54	19° 0	4°21	19°38	13°40	0°D24	28°56	22°38	17°55	T 8
W 9	7 12 53	18°18'37	26°59	26°43	15°54	13°13	20°53	19° 4	4°22	19°40	13°39	0°24	28°53	22°45	17°52	W 9
T 10	7 16 49	19°19'46	10♏14	28° 0	17° 8	13°59	20°52	19° 9	4°24	19°42	13°39	0°25	28°50	22°52	17°48	T 10
F 11	7 20 46	20°20'55	23°11	29°18	18°23	14°44	20°51	19°14	4°26	19°44	13°38	0°26	28°46	22°59	17°44	F 11
S 12	7 24 42	21°22'04	5♐52	0♑37	19°37	15°30	20°50	19°19	4°27	19°46	13°37	0°R26	28°43	23° 5	17°41	S 12
S 13	7 28 39	22°23'14	18°22	1°58	20°51	16°16	20°49	19°24	4°29	19°48	13°36	0°25	28°40	23°12	17°37	S 13
M14	7 32 35	23°24'23	0♑41	3°20	22° 6	17° 1	20°49	19°29	4°30	19°50	13°35	0°20	28°37	23°19	17°33	M14
T 15	7 36 32	24°25'32	12°53	4°42	23°20	17°47	20°D49	19°34	4°31	19°52	13°34	0°13	28°34	23°26	17°29	T 15
W16	7 40 29	25°26'41	24°58	6° 6	24°34	18°32	20°49	19°40	4°33	19°54	13°33	0° 4	28°31	23°32	17°25	W16
T 17	7 44 25	26°27'49	6♒57	7°31	25°49	19°18	20°49	19°45	4°34	19°56	13°33	29♏53	28°27	23°39	17°21	T 17
F 18	7 48 22	27°28'57	18°52	8°56	27° 3	20° 3	20°49	19°51	4°35	19°58	13°32	29°41	28°24	23°46	17°17	F 18
S 19	7 52 18	28°30'04	0♓43	10°23	28°17	20°49	20°50	19°56	4°36	19°59	13°31	29°29	28°21	23°52	17°13	S 19
S 20	7 56 15	29°31'11	12°34	11°49	29°31	21°34	20°51	20° 2	4°37	20° 1	13°30	29°19	28°18	23°59	17° 9	S 20
M21	8 0 11	0♒32'16	24°27	13°17	0♓45	22°20	20°52	20° 7	4°38	20° 3	13°30	29°10	28°15	24° 6	17° 4	M21
T 22	8 4 8	1°33'22	6♈24	14°45	1°59	23° 5	20°53	20°13	4°39	20° 5	13°29	29° 5	28°12	24°13	17° 0	T 22
W23	8 8 4	2°34'26	18°31	16°15	3°13	23°50	20°55	20°19	4°40	20° 7	13°28	29° 1	28° 8	24°19	16°56	W23
T 24	8 12 1	3°35'29	0♉51	17°44	4°27	24°36	20°57	20°24	4°41	20° 8	13°27	29°D 0	28° 5	24°26	16°51	T 24
F 25	8 15 57	4°36'32	13°30	19°14	5°41	25°21	20°58	20°30	4°42	20°10	13°27	29° 0	28° 2	24°33	16°47	F 25
S 26	8 19 54	5°37'33	26°32	20°45	6°55	26° 6	21° 1	20°36	4°43	20°12	13°26	29°R 1	27°59	24°40	16°43	S 26
S 27	8 23 51	6°38'34	10♊ 2	22°17	8° 9	26°52	21° 3	20°42	4°44	20°14	13°25	29° 0	27°56	24°46	16°38	S 27
M28	8 27 47	7°39'33	24° 1	23°49	9°23	27°37	21° 5	20°48	4°44	20°15	13°25	28°58	27°52	24°53	16°34	M28
T 29	8 31 44	8°40'32	8♋30	25°22	10°37	28°22	21° 8	20°54	4°45	20°17	13°24	28°53	27°49	25° 0	16°29	T 29
W30	8 35 40	9°41'29	23°24	26°56	11°50	29° 7	21°11	21° 0	4°45	20°19	13°24	28°45	27°46	25° 6	16°25	W30
T 31	8 39 37	10♒42'26	8♌37	28♑30	13♓ 4	29♓53	21♉14	21♓ 7	4♏46	20♐20	13♊23	28♏35	27♏43	25♒13	16♌20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 2	20n51	2s34	20s45	2n 7	20s23	1s40	9s46	0s57	17n 3	1s 1	6s27	2s 4	12s24	0n31	21s37	1n23	11n35	10s56	20s20	19s59	9s23	8n20	7s21
W 2	22 57	18 55	3 38	20 58	1 59	20 5	1 41	9 28	0 56	17 3	1 1	6 25	2 3	12 24	0 31	21 37	1 23	11 35	10 56	20 19	19 58	9 20	8 20	7 21
T 3	22 52	15 41	4 27	21 11	1 51	19 46	1 41	9 10	0 55	17 2	1 0	6 23	2 3	12 25	0 31	21 37	1 23	11 35	10 55	20 18	19 58	9 18	8 21	7 22
F 4	22 46	11 25	4 58	21 24	1 42	19 26	1 41	8 52	0 54	17 2	1 0	6 22	2 3	12 26	0 31	21 37	1 23	11 35	10 55	20 16	19 57	9 16	8 21	7 22
S 5	22 40	6 30	5 9	21 37	1 34	19 6	1 42	8 34	0 53	17 2	1 0	6 20	2 3	12 26	0 31	21 37	1 23	11 35	10 55	20 15	19 56	9 14	8 22	7 23
S 6	22 33	1 16	4 59	21 50	1 25	18 46	1 42	8 15	0 52	17 2	0 59	6 18	2 3	12 27	0 31	21 37	1 24	11 35	10 55	20 14	19 56	9 11	8 22	7 23
M 7	22 26	3s54	4 30	22 2	1 16	18 25	1 42	7 57	0 51	17 1	0 59	6 16	2 3	12 27	0 31	21 37	1 24	11 35	10 55	20 13	19 55	9 9	8 23	7 24
T 8	22 18	8 45	3 46	22 13	1 7	18 3	1 42	7 39	0 50	17 1	0 59	6 14	2 3	12 28	0 31	21 38	1 24	11 35	10 55	20 13	19 54	9 7	8 24	7 24
W 9	22 10	13 2	2 50	22 24	0 59	17 41	1 42	7 20	0 49	17 1	0 59	6 12	2 2	12 29	0 31	21 38	1 24	11 35	10 54	20 13	19 54	9 5	8 24	7 24
T 10	22 2	16 34	1 47	22 34	0 50	17 19	1 42	7 2	0 48	17 1	0 58	6 10	2 2	12 29	0 31	21 38	1 24	11 35	10 54	20 13	19 53	9 2	8 25	7 25
F 11	21 53	19 11	0 39	22 44	0 41	16 56	1 42	6 44	0 47	17 1	0 58	6 8	2 2	12 30	0 31	21 38	1 24	11 35	10 54	20 14	19 52	9 0	8 26	7 25
S 12	21 43	20 47	0n29	22 52	0 33	16 32	1 42	6 25	0 46	17 1	0 58	6 6	2 2	12 30	0 31	21 38	1 24	11 35	10 54	20 14	19 51	8 58	8 27	7 25
S 13	21 34	21 20	1 35	23 0	0 25	16 8	1 42	6 7	0 45	17 1	0 57	6 4	2 2	12 31	0 31	21 38	1 24	11 36	10 54	20 13	19 51	8 56	8 27	7 26
M14	21 24	20 50	2 35	23 6	0 16	15 44	1 41	5 48	0 44	17 1	0 57	6 2	2 2	12 31	0 31	21 38	1 24	11 36	10 54	20 12	19 50	8 53	8 28	7 26
T 15	21 13	19 22	3 27	23 12	0 8	15 19	1 41	5 29	0 43	17 2	0 57	5 59	2 2	12 31	0 32	21 39	1 24	11 36	10 53	20 11	19 49	8 51	8 29	7 26
W16	21 2	17 2	4 9	23 16	0 0	14 54	1 40	5 11	0 42	17 2	0 57	5 57	2 2	12 32	0 32	21 39	1 24	11 36	10 53	20 9	19 49	8 49	8 30	7 26
T 17	20 51	14 0	4 40	23 20	0s 7	14 28	1 40	4 52	0 41	17 2	0 56	5 55	2 1	12 32	0 32	21 39	1 24	11 36	10 53	20 7	19 48	8 47	8 31	7 27
F 18	20 39	10 26	4 58	23 22	0 15	14 2	1 39	4 33	0 40	17 3	0 56	5 53	2 1	12 33	0 32	21 39	1 24	11 36	10 53	20 4	19 47	8 45	8 32	7 27
S 19	20 27	6 28	5 4	23 23	0 22	13 36	1 38	4 15	0 39	17 3	0 56	5 50	2 1	12 33	0 32	21 39	1 24	11 36	10 53	20 1	19 47	8 42	8 33	7 27
S 20	20 14	2 17	4 56	23 23	0 30	13 9	1 37	3 56	0 38	17 4	0 55	5 48	2 1	12 33	0 32	21 39	1 24	11 36	10 52	19 59	19 46	8 40	8 34	7 27
M21	20 1	2n 0	4 35	23 22	0 37	12 42	1 36	3 37	0 37	17 4	0 55	5 46	2 1	12 34	0 32	21 39	1 24	11 36	10 52	19 57	19 45	8 38	8 35	7 28
T 22	19 48	6 15	4 2	23 19	0 43	12 15	1 35	3 18	0 37	17 5	0 55	5 44	2 1	12 34	0 32	21 39	1 24	11 37	10 52	19 56	19 44	8 36	8 36	7 28
W23	19 34	10 18	3 18	23 16	0 50	11 47	1 34	2 59	0 36	17 5	0 55	5 41	2 1	12 34	0 32	21 39	1 24	11 37	10 52	19 55	19 44	8 33	8 37	7 28
T 24	19 20	14 1	2 24	23 11	0 56	11 19	1 33	2 41	0 35	17 6	0 54	5 39	2 1	12 35	0 32	21 40	1 24	11 37	10 51	19 55	19 43	8 31	8 38	7 28
F 25	19 6	17 11	1 22	23 4	1 3	10 51	1 32	2 22	0 34	17 7	0 54	5 36	2 1	12 35	0 32	21 40	1 24	11 37	10 51	19 55	19 42	8 29	8 40	7 28
S 26	18 51	19 35	0 13	22 57	1 9	10 22	1 31	2 3	0 33	17 8	0 54	5 34	2 0	12 35	0 32	21 40	1 24	11 37	10 51	19 55	19 42	8 27	8 41	7 28
S 27	18 36	20 58	0s58	22 48	1 14	9 53	1 29	1 44	0 32	17 9	0 54	5 32	2 0	12 35	0 32	21 40	1 24	11 37	10 51	19 55	19 41	8 24	8 42	7 28
M28	18 20	21 9	2 9	22 38	1 20	9 24	1 28	1 25	0 31	17 10	0 53	5 29	2 0	12 35	0 32	21 40	1 24	11 37	10 51	19 55	19 40	8 22	8 43	7 28
T 29	18 5	19 56	3 13	22 26	1 25	8 55	1 26	1 6	0 30	17 10	0 53	5 27	2 0	12 36	0 32	21 40	1 24	11 38	10 50	19 54	19 39	8 20	8 44	7 29
W30	17 49	17 21	4 6	22 13	1 30	8 25	1 25	0 48	0 29	17 12	0 53	5 24	2 0	12 36	0 32	21 40	1 24	11 38	10 50	19 52	19 39	8 18	8 46	7 29
T 31	17s32	13n32	4s43	21s59	1s34	7s55	1s23	0s29	0s28	17n13	0s52	5s22	2s 0	12s36	0n32	21s40	1n24	11n38	10s50	19s50	19s38	8s15	8n47	7s29

Julian Day Number = 2503774.5, Delta T = 116.99 sec
Ecliptic obliquity = 23°25'09, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°44'18, Lahiri = 25°51'19

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ASTRODIENST EPHEMERIS for the year 2143
geocentric

FEBRUARY 2143 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 43 33	11♒43'21	23♌57	0♒ 4	14♓18	0♈38	21♉17	21♓13	4♏46	20♐22	13°R23	28°R24	27♏40	25♒20	16°R16	F 1
S 2	8 47 30	12°44'16	9♍13	1°40	15°31	1°23	21°21	21°19	4°47	20°23	13♊22	28♏14	27°37	25°27	16♌11	S 2
S 3	8 51 27	13°45'10	24°15	3°16	16°45	2° 8	21°24	21°26	4°47	20°25	13°22	28° 4	27°33	25°33	16° 7	S 3
M 4	8 55 23	14°46'03	8♎53	4°53	17°58	2°53	21°28	21°32	4°47	20°26	13°21	27°58	27°30	25°40	16° 2	M 4
T 5	8 59 20	15°46'55	23° 4	6°30	19°11	3°38	21°32	21°38	4°47	20°28	13°21	27°53	27°27	25°47	15°57	T 5
W 6	9 3 16	16°47'46	6♏47	8° 8	20°25	4°23	21°37	21°45	4°48	20°29	13°20	27°52	27°24	25°53	15°53	W 6
T 7	9 7 13	17°48'37	20° 3	9°47	21°38	5° 8	21°41	21°51	4°48	20°31	13°20	27°51	27°21	26° 0	15°48	T 7
F 8	9 11 9	18°49'27	2♐55	11°27	22°51	5°53	21°46	21°58	4°R48	20°32	13°19	27°51	27°18	26° 7	15°44	F 8
S 9	9 15 6	19°50'16	15°29	13° 8	24° 4	6°38	21°50	22° 5	4°48	20°34	13°19	27°50	27°14	26°14	15°39	S 9
S 10	9 19 2	20°51'04	27°48	14°49	25°17	7°23	21°55	22°11	4°48	20°35	13°19	27°47	27°11	26°20	15°35	S 10
M11	9 22 59	21°51'51	9♑56	16°31	26°31	8° 8	22° 0	22°18	4°47	20°36	13°18	27°41	27° 8	26°27	15°30	M11
T 12	9 26 56	22°52'37	21°57	18°14	27°44	8°52	22° 6	22°25	4°47	20°38	13°18	27°32	27° 5	26°34	15°26	T 12
W13	9 30 52	23°53'22	3♒54	19°57	28°56	9°37	22°11	22°32	4°47	20°39	13°18	27°20	27° 2	26°41	15°21	W13
T 14	9 34 49	24°54'05	15°47	21°42	0♈ 9	10°22	22°17	22°38	4°47	20°40	13°17	27° 6	26°58	26°47	15°16	T 14
F 15	9 38 45	25°54'47	27°39	23°27	1°22	11° 7	22°23	22°45	4°46	20°41	13°17	26°51	26°55	26°54	15°12	F 15
S 16	9 42 42	26°55'28	9♓32	25°13	2°35	11°51	22°29	22°52	4°46	20°43	13°17	26°36	26°52	27° 1	15° 8	S 16
S 17	9 46 38	27°56'07	21°25	27° 0	3°47	12°36	22°35	22°59	4°45	20°44	13°17	26°22	26°49	27° 7	15° 3	S 17
M18	9 50 35	28°56'45	3♈21	28°48	5° 0	13°21	22°41	23° 6	4°45	20°45	13°16	26°11	26°46	27°14	14°59	M18
T 19	9 54 31	29°57'21	15°23	0♓36	6°12	14° 5	22°48	23°13	4°44	20°46	13°16	26° 2	26°43	27°21	14°54	T 19
W20	9 58 28	0♓57'56	27°32	2°26	7°25	14°50	22°54	23°20	4°44	20°47	13°16	25°57	26°39	27°28	14°50	W20
T 21	10 2 24	1°58'28	9♉52	4°16	8°37	15°34	23° 1	23°27	4°43	20°48	13°16	25°54	26°36	27°34	14°46	T 21
F 22	10 6 21	2°59'00	22°28	6° 6	9°49	16°19	23° 8	23°34	4°42	20°49	13°16	25°D54	26°33	27°41	14°41	F 22
S 23	10 10 18	3°59'29	5♊24	7°58	11° 2	17° 3	23°15	23°42	4°42	20°50	13°16	25°R54	26°30	27°48	14°37	S 23
S 24	10 14 14	4°59'56	18°45	9°50	12°14	17°48	23°23	23°49	4°41	20°51	13°16	25°53	26°27	27°55	14°33	S 24
M25	10 18 11	6° 0'22	2♋32	11°42	13°26	18°32	23°30	23°56	4°40	20°52	13°16	25°51	26°24	28° 1	14°29	M25
T 26	10 22 7	7° 0'45	16°49	13°35	14°37	19°16	23°38	24° 3	4°39	20°53	13°D16	25°46	26°20	28° 8	14°25	T 26
W27	10 26 4	8° 1'07	1♌33	15°29	15°49	20° 0	23°45	24°10	4°38	20°53	13°16	25°39	26°17	28°15	14°21	W27
T 28	10 30 0	9♓ 1'27	16♌39	17♓22	17♈ 1	20♈45	23♉53	24♓18	4♏37	20♐54	13♊16	25♏29	26♏14	28♒21	14♌17	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s15	8n48	5s 0	21s44	1s39	7s25	1s21	0s10	0s27	17n14	0s52	5s19	2s 0	12s36	0n32	21s40	1n24	11n38	10s50	19s47	19s37	8s13	8n48	7s29
S 2	16 58	3 32	4 56	21 27	1 43	6 55	1 19	0n 9	0 26	17 15	0 52	5 16	2 0	12 36	0 32	21 40	1 24	11 38	10 49	19 45	19 37	8 11	8 49	7 29
S 3	16 41	1s52	4 31	21 8	1 47	6 25	1 17	0 27	0 26	17 16	0 52	5 14	2 0	12 36	0 32	21 40	1 24	11 38	10 49	19 43	19 36	8 9	8 51	7 29
M 4	16 23	7 1	3 48	20 49	1 50	5 54	1 15	0 46	0 25	17 17	0 51	5 11	2 0	12 36	0 32	21 41	1 24	11 39	10 49	19 41	19 35	8 6	8 52	7 29
T 5	16 6	11 38	2 53	20 28	1 53	5 24	1 13	1 5	0 24	17 19	0 51	5 9	2 0	12 36	0 32	21 41	1 24	11 39	10 49	19 40	19 34	8 4	8 54	7 29
W 6	15 47	15 29	1 49	20 5	1 56	4 53	1 11	1 23	0 23	17 20	0 51	5 6	1 59	12 36	0 32	21 41	1 24	11 39	10 48	19 40	19 34	8 2	8 55	7 28
T 7	15 29	18 24	0 41	19 41	1 59	4 22	1 9	1 42	0 22	17 21	0 51	5 3	1 59	12 36	0 32	21 41	1 24	11 39	10 48	19 40	19 33	8 0	8 56	7 28
F 8	15 10	20 17	0n27	19 16	2 1	3 51	1 6	2 1	0 21	17 23	0 50	5 1	1 59	12 36	0 32	21 41	1 24	11 39	10 48	19 40	19 32	7 57	8 58	7 28
S 9	14 51	21 7	1 32	18 49	2 2	3 20	1 4	2 19	0 20	17 24	0 50	4 58	1 59	12 36	0 32	21 41	1 24	11 40	10 48	19 40	19 32	7 55	8 59	7 28
S 10	14 32	20 53	2 31	18 21	2 4	2 49	1 2	2 38	0 19	17 26	0 50	4 55	1 59	12 36	0 32	21 41	1 24	11 40	10 47	19 39	19 31	7 53	9 1	7 28
M11	14 12	19 41	3 23	17 52	2 5	2 17	0 59	2 56	0 18	17 27	0 50	4 53	1 59	12 36	0 32	21 41	1 24	11 40	10 47	19 38	19 30	7 51	9 2	7 28
T 12	13 53	17 37	4 4	17 21	2 5	1 46	0 57	3 15	0 18	17 29	0 49	4 50	1 59	12 36	0 32	21 41	1 24	11 40	10 47	19 36	19 29	7 48	9 3	7 28
W13	13 33	14 48	4 35	16 48	2 6	1 15	0 54	3 33	0 17	17 31	0 49	4 47	1 59	12 36	0 32	21 41	1 24	11 41	10 47	19 33	19 29	7 46	9 5	7 28
T 14	13 13	11 25	4 53	16 14	2 5	0 43	0 51	3 51	0 16	17 32	0 49	4 44	1 59	12 36	0 32	21 41	1 25	11 41	10 46	19 30	19 28	7 44	9 6	7 27
F 15	12 52	7 35	4 59	15 39	2 5	0 12	0 48	4 10	0 15	17 34	0 49	4 42	1 59	12 36	0 32	21 41	1 25	11 41	10 46	19 26	19 27	7 42	9 8	7 27
S 16	12 32	3 29	4 52	15 3	2 4	0n20	0 46	4 28	0 14	17 36	0 48	4 39	1 59	12 36	0 32	21 41	1 25	11 41	10 46	19 23	19 26	7 39	9 9	7 27
S 17	12 11	0n46	4 32	14 25	2 2	0 51	0 43	4 46	0 13	17 38	0 48	4 36	1 59	12 35	0 32	21 41	1 25	11 41	10 46	19 19	19 26	7 37	9 11	7 27
M18	11 50	5 0	3 59	13 45	2 0	1 23	0 40	5 4	0 12	17 39	0 48	4 33	1 59	12 35	0 32	21 41	1 25	11 42	10 45	19 17	19 25	7 35	9 12	7 26
T 19	11 29	9 4	3 16	13 5	1 57	1 54	0 37	5 22	0 12	17 41	0 48	4 30	1 59	12 35	0 32	21 41	1 25	11 42	10 45	19 15	19 24	7 33	9 14	7 26
W20	11 7	12 49	2 24	12 23	1 54	2 25	0 34	5 40	0 11	17 43	0 47	4 28	1 59	12 35	0 32	21 41	1 25	11 42	10 45	19 14	19 24	7 30	9 15	7 26
T 21	10 46	16 5	1 24	11 39	1 51	2 57	0 31	5 58	0 10	17 45	0 47	4 25	1 59	12 35	0 32	21 41	1 25	11 42	10 45	19 13	19 23	7 28	9 17	7 25
F 22	10 24	18 40	0 18	10 55	1 46	3 28	0 27	6 16	0 9	17 47	0 47	4 22	1 59	12 34	0 32	21 41	1 25	11 43	10 44	19 13	19 22	7 26	9 18	7 25
S 23	10 2	20 22	0s50	10 9	1 42	3 59	0 24	6 34	0 8	17 49	0 47	4 19	1 59	12 34	0 32	21 41	1 25	11 43	10 44	19 13	19 21	7 24	9 20	7 25
S 24	9 40	20 59	1 58	9 22	1 36	4 31	0 21	6 52	0 8	17 51	0 46	4 16	1 59	12 34	0 32	21 42	1 25	11 43	10 44	19 13	19 21	7 21	9 21	7 24
M25	9 18	20 23	3 1	8 34	1 30	5 2	0 17	7 9	0 7	17 53	0 46	4 13	1 59	12 33	0 32	21 42	1 25	11 43	10 43	19 12	19 20	7 19	9 23	7 24
T 26	8 56	18 29	3 55	7 44	1 24	5 33	0 14	7 27	0 6	17 55	0 46	4 10	1 59	12 33	0 32	21 42	1 25	11 44	10 43	19 11	19 19	7 17	9 24	7 24
W27	8 33	15 19	4 35	6 54	1 17	6 3	0 11	7 44	0 5	17 58	0 46	4 8	1 58	12 33	0 32	21 42	1 25	11 44	10 43	19 9	19 18	7 15	9 26	7 23
T 28	8s11	11n 6	4s57	6s 3	1s 9	6n34	0s 7	8n 2	0s 4	18n 0	0s45	4s 5	1s58	12s32	0n32	21s42	1n25	11n44	10s43	19s 7	19s18	7s12	9n27	7s23

Julian Day Number = 2503805.5, Delta T = 117.04 sec
Ecliptic obliquity = 23°25'09, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°44'23, Lahiri = 25°51'23

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ASTRODIENST EPHEMERIS for the year 2143
geocentric

MARCH 2143 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 33 57	10♓ 1'45	1♍57	19♓15	18♈12	21♈29	24♉ 1	24♓25	4°R36	20♐55	13♊16	25°R18	26♏11	28♒28	14°R13	F 1
S 2	10 37 53	11° 2'01	17°18	21° 8	19°24	22°13	24° 9	24°32	4♏35	20°56	13°16	25♏ 7	26° 8	28°35	14♌ 9	S 2
S 3	10 41 50	12° 2'15	2♎28	23° 0	20°35	22°57	24°18	24°39	4°33	20°56	13°16	24°58	26° 4	28°42	14° 5	S 3
M 4	10 45 47	13° 2'28	17°18	24°51	21°47	23°41	24°26	24°47	4°32	20°57	13°16	24°51	26° 1	28°48	14° 2	M 4
T 5	10 49 43	14° 2'40	1♏42	26°41	22°58	24°25	24°35	24°54	4°31	20°58	13°16	24°46	25°58	28°55	13°58	T 5
W 6	10 53 40	15° 2'49	15°36	28°30	24° 9	25° 9	24°43	25° 1	4°30	20°58	13°16	24°44	25°55	29° 2	13°54	W 6
T 7	10 57 36	16° 2'58	29° 1	0♈16	25°20	25°53	24°52	25° 9	4°28	20°59	13°17	24°D44	25°52	29° 8	13°51	T 7
F 8	11 1 33	17° 3'04	11♐59	2° 0	26°31	26°37	25° 1	25°16	4°27	20°59	13°17	24°R44	25°49	29°15	13°47	F 8
S 9	11 5 29	18° 3'10	24°34	3°41	27°41	27°21	25°10	25°23	4°25	21° 0	13°17	24°44	25°45	29°22	13°44	S 9
S 10	11 9 26	19° 3'13	6♑52	5°18	28°52	28° 5	25°20	25°31	4°24	21° 0	13°17	24°43	25°42	29°29	13°41	S 10
M11	11 13 22	20° 3'15	18°58	6°52	0♉ 2	28°48	25°29	25°38	4°22	21° 1	13°18	24°39	25°39	29°35	13°37	M11
T 12	11 17 19	21° 3'16	0♒55	8°20	1°13	29°32	25°38	25°46	4°21	21° 1	13°18	24°32	25°36	29°42	13°34	T 12
W13	11 21 16	22° 3'15	12°47	9°44	2°23	0♉16	25°48	25°53	4°19	21° 2	13°18	24°23	25°33	29°49	13°31	W13
T 14	11 25 12	23° 3'11	24°38	11° 1	3°33	1° 0	25°58	26° 0	4°17	21° 2	13°18	24°12	25°29	29°56	13°28	T 14
F 15	11 29 9	24° 3'06	6♓30	12°13	4°43	1°43	26° 8	26° 8	4°16	21° 2	13°19	24° 0	25°26	0♓ 2	13°25	F 15
S 16	11 33 5	25° 3'00	18°24	13°18	5°53	2°27	26°17	26°15	4°14	21° 3	13°19	23°48	25°23	0° 9	13°22	S 16
S 17	11 37 2	26° 2'51	0♈23	14°16	7° 3	3°10	26°27	26°23	4°12	21° 3	13°20	23°37	25°20	0°16	13°20	S 17
M18	11 40 58	27° 2'40	12°27	15° 6	8°13	3°54	26°38	26°30	4°10	21° 3	13°20	23°28	25°17	0°22	13°17	M18
T 19	11 44 55	28° 2'28	24°38	15°49	9°22	4°37	26°48	26°38	4° 8	21° 3	13°20	23°22	25°14	0°29	13°14	T 19
W20	11 48 51	29° 2'13	6♉57	16°23	10°31	5°21	26°58	26°45	4° 6	21° 3	13°21	23°18	25°10	0°36	13°12	W20
T 21	11 52 48	0♈ 1'56	19°27	16°50	11°41	6° 4	27° 9	26°52	4° 4	21° 3	13°21	23°D16	25° 7	0°43	13° 9	T 21
F 22	11 56 45	1° 1'37	2♊10	17° 8	12°50	6°47	27°19	27° 0	4° 2	21° 3	13°22	23°17	25° 4	0°49	13° 7	F 22
S 23	12 0 41	2° 1'16	15°10	17°18	13°58	7°30	27°30	27° 7	4° 0	21° 4	13°22	23°18	25° 1	0°56	13° 5	S 23
S 24	12 4 38	3° 0'52	28°29	17°R20	15° 7	8°14	27°41	27°15	3°58	21°R 4	13°23	23°R19	24°58	1° 3	13° 3	S 24
M25	12 8 34	4° 0'27	12♋ 9	17°14	16°16	8°57	27°52	27°22	3°56	21° 3	13°24	23°18	24°55	1° 9	13° 1	M25
T 26	12 12 31	4°59'59	26°13	17° 0	17°24	9°40	28° 3	27°29	3°54	21° 3	13°24	23°16	24°51	1°16	12°59	T 26
W27	12 16 27	5°59'28	10♌40	16°39	18°32	10°23	28°14	27°37	3°52	21° 3	13°25	23°12	24°48	1°23	12°57	W27
T 28	12 20 24	6°58'55	25°26	16°11	19°40	11° 6	28°25	27°44	3°50	21° 3	13°25	23° 7	24°45	1°30	12°55	T 28
F 29	12 24 20	7°58'20	10♍25	15°38	20°48	11°49	28°36	27°52	3°48	21° 3	13°26	23° 0	24°42	1°36	12°54	F 29
S 30	12 28 17	8°57'43	25°30	14°59	21°56	12°32	28°48	27°59	3°45	21° 3	13°27	22°53	24°39	1°43	12°52	S 30
S 31	12 32 13	9♈57'03	10♎30	14♈16	23♉ 3	13♉15	28♉59	28♓ 6	3♏43	21♐ 3	13♊27	22♏47	24♏35	1♓50	12♌51	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s48	6n 7	4s59	5s11	1s 1	7n 5	0s 4	8n19	0s 4	18n 2	0s45	4s 2	1s58	12s32	0n32	21s42	1n25	11n45	10s42	19s 4	19s17	7s10	9n29	7s22
S 2	7 25	0 44	4 39	4 18	0 52	7 35	0 0	8 36	0 3	18 4	0 45	3 59	1 58	12 32	0 32	21 42	1 25	11 45	10 42	19 2	19 16	7 8	9 30	7 22
S 3	7 2	4s39	4 0	3 25	0 42	8 5	0n 4	8 53	0 2	18 6	0 45	3 56	1 58	12 31	0 32	21 42	1 25	11 45	10 42	19 0	19 15	7 6	9 32	7 22
M 4	6 39	9 38	3 5	2 32	0 32	8 35	0 7	9 10	0 1	18 9	0 45	3 53	1 58	12 31	0 33	21 42	1 25	11 45	10 42	18 58	19 15	7 3	9 33	7 21
T 5	6 16	13 55	1 59	1 38	0 21	9 5	0 11	9 27	0 0	18 11	0 44	3 50	1 58	12 30	0 33	21 42	1 25	11 46	10 41	18 57	19 14	7 1	9 35	7 21
W 6	5 53	17 16	0 48	0 45	0 10	9 35	0 15	9 44	0n 0	18 13	0 44	3 47	1 58	12 30	0 33	21 42	1 25	11 46	10 41	18 56	19 13	6 59	9 36	7 20
T 7	5 30	19 33	0n23	0n 9	0n 2	10 4	0 18	10 1	0 1	18 16	0 44	3 44	1 58	12 29	0 33	21 42	1 25	11 46	10 41	18 56	19 12	6 57	9 38	7 20
F 8	5 7	20 43	1 30	1 1	0 15	10 34	0 22	10 17	0 2	18 18	0 44	3 41	1 58	12 29	0 33	21 42	1 25	11 47	10 41	18 56	19 12	6 54	9 39	7 19
S 9	4 43	20 47	2 32	1 53	0 27	11 3	0 26	10 34	0 3	18 20	0 43	3 39	1 58	12 28	0 33	21 42	1 25	11 47	10 40	18 56	19 11	6 52	9 41	7 19
S 10	4 20	19 50	3 24	2 43	0 40	11 32	0 30	10 50	0 3	18 23	0 43	3 36	1 58	12 28	0 33	21 42	1 25	11 47	10 40	18 56	19 10	6 50	9 42	7 18
M11	3 56	18 0	4 7	3 33	0 54	12 0	0 34	11 6	0 4	18 25	0 43	3 33	1 58	12 27	0 33	21 42	1 26	11 47	10 40	18 55	19 9	6 48	9 44	7 17
T 12	3 33	15 25	4 38	4 20	1 7	12 28	0 37	11 23	0 5	18 28	0 43	3 30	1 58	12 27	0 33	21 42	1 26	11 48	10 39	18 53	19 9	6 45	9 45	7 17
W13	3 9	12 12	4 57	5 5	1 21	12 56	0 41	11 39	0 6	18 30	0 43	3 27	1 59	12 26	0 33	21 42	1 26	11 48	10 39	18 51	19 8	6 43	9 46	7 16
T 14	2 45	8 32	5 3	5 48	1 34	13 24	0 45	11 55	0 6	18 33	0 42	3 24	1 59	12 26	0 33	21 42	1 26	11 48	10 39	18 48	19 7	6 41	9 48	7 16
F 15	2 22	4 32	4 56	6 28	1 47	13 51	0 49	12 10	0 7	18 35	0 42	3 21	1 59	12 25	0 33	21 42	1 26	11 49	10 39	18 45	19 6	6 39	9 49	7 15
S 16	1 58	0 21	4 36	7 6	2 0	14 19	0 53	12 26	0 8	18 38	0 42	3 18	1 59	12 24	0 33	21 41	1 26	11 49	10 38	18 42	19 6	6 36	9 51	7 14
S 17	1 34	3n53	4 4	7 40	2 13	14 45	0 57	12 42	0 9	18 40	0 42	3 15	1 59	12 24	0 33	21 41	1 26	11 49	10 38	18 40	19 5	6 34	9 52	7 14
M18	1 10	7 59	3 20	8 10	2 25	15 12	1 1	12 57	0 9	18 43	0 42	3 12	1 59	12 23	0 33	21 41	1 26	11 50	10 38	18 37	19 4	6 32	9 53	7 13
T 19	0 47	11 49	2 27	8 37	2 36	15 38	1 5	13 12	0 10	18 45	0 41	3 9	1 59	12 23	0 33	21 41	1 26	11 50	10 38	18 36	19 3	6 30	9 55	7 13
W20	0 23	15 11	1 26	9 0	2 47	16 3	1 9	13 28	0 11	18 48	0 41	3 6	1 59	12 22	0 33	21 41	1 26	11 50	10 37	18 35	19 3	6 27	9 56	7 12
T 21	0n 1	17 55	0 20	9 19	2 56	16 29	1 13	13 43	0 11	18 50	0 41	3 4	1 59	12 21	0 33	21 41	1 26	11 50	10 37	18 35	19 2	6 25	9 57	7 11
F 22	0 24	19 48	0s48	9 34	3 5	16 54	1 17	13 58	0 12	18 53	0 41	3 1	1 59	12 21	0 33	21 41	1 26	11 51	10 37	18 35	19 1	6 23	9 59	7 11
S 23	0 48	20 41	1 55	9 45	3 12	17 18	1 21	14 12	0 13	18 56	0 41	2 58	1 59	12 20	0 33	21 41	1 26	11 51	10 37	18 35	19 0	6 21	10 0	7 10
S 24	1 12	20 27	2 58	9 51	3 18	17 43	1 25	14 27	0 13	18 58	0 40	2 55	1 59	12 19	0 33	21 41	1 26	11 51	10 36	18 35	18 59	6 18	10 1	7 9
M25	1 35	19 0	3 52	9 53	3 23	18 6	1 29	14 41	0 14	19 1	0 40	2 52	1 59	12 18	0 33	21 41	1 26	11 52	10 36	18 35	18 59	6 16	10 2	7 9
T 26	1 59	16 24	4 35	9 50	3 26	18 30	1 33	14 56	0 15	19 3	0 40	2 49	1 59	12 18	0 33	21 41	1 26	11 52	10 36	18 35	18 58	6 14	10 3	7 8
W27	2 23	12 43	5 1	9 43	3 27	18 53	1 37	15 10	0 15	19 6	0 40	2 46	1 59	12 17	0 33	21 41	1 26	11 52	10 36	18 34	18 57	6 12	10 5	7 7
T 28	2 46	8 12	5 8	9 32	3 26	19 15	1 41	15 24	0 16	19 9	0 40	2 43	1 59	12 16	0 33	21 41	1 26	11 53	10 35	18 32	18 56	6 9	10 6	7 6
F 29	3 10	3 7	4 54	9 17	3 24	19 37	1 44	15 38	0 17	19 11	0 40	2 40	1 59	12 15	0 33	21 41	1 26	11 53	10 35	18 30	18 56	6 7	10 7	7 6
S 30	3 33	2s11	4 20	8 58	3 20	19 59	1 48	15 52	0 17	19 14	0 39	2 38	1 59	12 15	0 33	21 41	1 26	11 53	10 35	18 29	18 55	6 5	10 8	7 5
S 31	3n56	7s21	3s28	8n36	3n14	20n20	1n52	16n 5	0n18	19n17	0s39	2s35	1s59	12s14	0n33	21s41	1n26	11n54	10s35	18s27	18s54	6s 2	10n 9	7s 4

Julian Day Number = 2503833.5, Delta T = 117.09 sec
Ecliptic obliquity = 23°25'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°44'26, Lahiri = 25°51'27

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ASTRODIENST EPHEMERIS for the year 2143
geocentric

APRIL 2143 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 36 10	10♈56'22	25♎16	13°R29	24♉11	13♉58	29♉11	28♓14	3°R41	21°R 2	13♊28	22°R43	24♏32	1♓57	12°R49	M 1
T 2	12 40 7	11°55'39	9♏41	12♈40	25°18	14°41	29°22	28°21	3♏39	21♐ 2	13°29	22♏40	24°29	2° 3	12♌48	T 2
W 3	12 44 3	12°54'53	23°40	11°50	26°25	15°23	29°34	28°28	3°36	21° 2	13°30	22°D39	24°26	2°10	12°47	W 3
T 4	12 48 0	13°54'06	7♐11	11° 0	27°31	16° 6	29°46	28°35	3°34	21° 1	13°30	22°40	24°23	2°17	12°46	T 4
F 5	12 51 56	14°53'18	20°17	10°10	28°38	16°49	29°57	28°43	3°32	21° 1	13°31	22°41	24°20	2°23	12°45	F 5
S 6	12 55 53	15°52'27	2♑58	9°22	29°44	17°31	0♊ 9	28°50	3°29	21° 1	13°32	22°43	24°16	2°30	12°44	S 6
S 7	12 59 49	16°51'35	15°21	8°37	0♊50	18°14	0°21	28°57	3°27	21° 0	13°33	22°R44	24°13	2°37	12°43	S 7
M 8	13 3 46	17°50'41	27°29	7°55	1°56	18°57	0°33	29° 4	3°24	21° 0	13°34	22°43	24°10	2°44	12°43	M 8
T 9	13 7 42	18°49'45	9♒27	7°16	3° 2	19°39	0°46	29°11	3°22	20°59	13°34	22°41	24° 7	2°50	12°42	T 9
W10	13 11 39	19°48'47	21°19	6°42	4° 7	20°21	0°58	29°18	3°19	20°59	13°35	22°38	24° 4	2°57	12°42	W10
T 11	13 15 36	20°47'48	3♓11	6°13	5°12	21° 4	1°10	29°26	3°17	20°58	13°36	22°33	24° 1	3° 4	12°42	T 11
F 12	13 19 32	21°46'47	15° 4	5°49	6°17	21°46	1°22	29°33	3°15	20°57	13°37	22°28	23°57	3°10	12°41	F 12
S 13	13 23 29	22°45'43	27° 2	5°30	7°22	22°29	1°35	29°40	3°12	20°57	13°38	22°22	23°54	3°17	12°D41	S 13
S 14	13 27 25	23°44'38	9♈ 8	5°16	8°26	23°11	1°47	29°47	3°10	20°56	13°39	22°17	23°51	3°24	12°41	S 14
M15	13 31 22	24°43'31	21°23	5° 8	9°30	23°53	2° 0	29°54	3° 7	20°55	13°40	22°13	23°48	3°31	12°41	M15
T 16	13 35 18	25°42'22	3♉47	5°D 5	10°34	24°35	2°13	0♈ 1	3° 4	20°55	13°41	22°11	23°45	3°37	12°42	T 16
W17	13 39 15	26°41'11	16°23	5° 7	11°38	25°18	2°25	0° 8	3° 2	20°54	13°42	22°D 9	23°41	3°44	12°42	W17
T 18	13 43 11	27°39'58	29°11	5°14	12°41	26° 0	2°38	0°15	2°59	20°53	13°43	22° 9	23°38	3°51	12°42	T 18
F 19	13 47 8	28°38'43	12♊11	5°27	13°44	26°42	2°51	0°21	2°57	20°52	13°44	22°10	23°35	3°58	12°43	F 19
S 20	13 51 5	29°37'26	25°25	5°44	14°47	27°24	3° 4	0°28	2°54	20°51	13°45	22°12	23°32	4° 4	12°44	S 20
S 21	13 55 1	0♉36'07	8♋54	6° 6	15°49	28° 6	3°16	0°35	2°52	20°51	13°46	22°13	23°29	4°11	12°44	S 21
M22	13 58 58	1°34'45	22°38	6°33	16°51	28°48	3°29	0°42	2°49	20°50	13°47	22°14	23°26	4°18	12°45	M22
T 23	14 2 54	2°33'22	6♌38	7° 3	17°53	29°30	3°42	0°48	2°47	20°49	13°48	22°R14	23°22	4°24	12°46	T 23
W24	14 6 51	3°31'55	20°52	7°38	18°54	0♊11	3°55	0°55	2°44	20°48	13°49	22°14	23°19	4°31	12°47	W24
T 25	14 10 47	4°30'27	5♍19	8°17	19°55	0°53	4° 9	1° 2	2°41	20°47	13°50	22°12	23°16	4°38	12°48	T 25
F 26	14 14 44	5°28'56	19°54	9° 0	20°56	1°35	4°22	1° 8	2°39	20°46	13°51	22°10	23°13	4°45	12°50	F 26
S 27	14 18 40	6°27'24	4♎32	9°46	21°56	2°17	4°35	1°15	2°36	20°45	13°52	22° 8	23°10	4°51	12°51	S 27
S 28	14 22 37	7°25'49	19° 7	10°35	22°56	2°58	4°48	1°21	2°34	20°44	13°53	22° 6	23° 6	4°58	12°53	S 28
M29	14 26 34	8°24'12	3♏32	11°28	23°55	3°40	5° 1	1°28	2°31	20°43	13°55	22° 5	23° 3	5° 5	12°54	M29
T 30	14 30 30	9♉22'34	17♏43	12♈24	24♊54	4♊22	5♊15	1♈34	2♏29	20♐42	13♊56	22°D 5	23♏ 0	5♓11	12♌56	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n20	11s59	2s23	8n11	3n 7	20n40	1n56	16n19	0n19	19n19	0s39	2s32	1s59	12s13	0n33	21s41	1n26	11n54	10s34	18s26	18s53	6s 0	10n10	7s 3
T 2	4 43	15 48	1 10	7 44	2 58	21 1	2 0	16 32	0 19	19 22	0 39	2 29	2 0	12 12	0 33	21 41	1 26	11 54	10 34	18 25	18 53	5 58	10 11	7 3
W 3	5 6	18 35	0n 5	7 14	2 47	21 20	2 4	16 45	0 20	19 25	0 39	2 26	2 0	12 12	0 33	21 41	1 26	11 55	10 34	18 25	18 52	5 56	10 12	7 2
T 4	5 29	20 12	1 18	6 43	2 35	21 39	2 7	16 58	0 21	19 27	0 39	2 23	2 0	12 11	0 33	21 41	1 27	11 55	10 34	18 25	18 51	5 53	10 13	7 1
F 5	5 52	20 40	2 25	6 12	2 22	21 58	2 11	17 11	0 21	19 30	0 38	2 21	2 0	12 10	0 33	21 41	1 27	11 55	10 33	18 26	18 50	5 51	10 14	7 0
S 6	6 14	20 1	3 22	5 40	2 7	22 16	2 15	17 24	0 22	19 33	0 38	2 18	2 0	12 9	0 33	21 40	1 27	11 56	10 33	18 26	18 49	5 49	10 15	7 0
S 7	6 37	18 26	4 8	5 8	1 52	22 34	2 18	17 36	0 22	19 35	0 38	2 15	2 0	12 8	0 33	21 40	1 27	11 56	10 33	18 26	18 49	5 47	10 16	6 59
M 8	7 0	16 2	4 42	4 37	1 37	22 51	2 22	17 49	0 23	19 38	0 38	2 12	2 0	12 8	0 33	21 40	1 27	11 56	10 33	18 26	18 48	5 44	10 17	6 58
T 9	7 22	13 0	5 3	4 7	1 21	23 7	2 25	18 1	0 24	19 41	0 38	2 10	2 0	12 7	0 33	21 40	1 27	11 57	10 33	18 26	18 47	5 42	10 18	6 57
W10	7 45	9 28	5 12	3 39	1 4	23 23	2 29	18 13	0 24	19 43	0 38	2 7	2 0	12 6	0 33	21 40	1 27	11 57	10 32	18 25	18 46	5 40	10 19	6 57
T 11	8 7	5 34	5 6	3 12	0 48	23 39	2 32	18 25	0 25	19 46	0 37	2 4	2 0	12 5	0 33	21 40	1 27	11 57	10 32	18 24	18 46	5 38	10 20	6 56
F 12	8 29	1 27	4 48	2 48	0 32	23 53	2 35	18 36	0 26	19 49	0 37	2 1	2 0	12 4	0 33	21 40	1 27	11 57	10 32	18 22	18 45	5 35	10 20	6 55
S 13	8 51	2n45	4 17	2 25	0 16	24 8	2 39	18 48	0 26	19 51	0 37	1 59	2 1	12 3	0 33	21 40	1 27	11 58	10 32	18 21	18 44	5 33	10 21	6 54
S 14	9 13	6 54	3 34	2 6	0 0	24 21	2 42	18 59	0 27	19 54	0 37	1 56	2 1	12 2	0 33	21 40	1 27	11 58	10 31	18 20	18 43	5 31	10 22	6 53
M15	9 34	10 49	2 41	1 48	0s15	24 35	2 45	19 10	0 27	19 57	0 37	1 53	2 1	12 2	0 33	21 40	1 27	11 58	10 31	18 19	18 42	5 29	10 23	6 53
T 16	9 56	14 19	1 39	1 34	0 30	24 47	2 48	19 21	0 28	19 59	0 37	1 51	2 1	12 1	0 33	21 40	1 27	11 59	10 31	18 18	18 42	5 26	10 23	6 52
W17	10 17	17 14	0 32	1 22	0 44	24 59	2 51	19 32	0 28	20 2	0 37	1 48	2 1	12 0	0 33	21 40	1 27	11 59	10 31	18 18	18 41	5 24	10 24	6 51
T 18	10 38	19 20	0s39	1 12	0 57	25 11	2 54	19 42	0 29	20 4	0 36	1 45	2 1	11 59	0 33	21 40	1 27	11 59	10 31	18 18	18 40	5 22	10 25	6 50
F 19	10 59	20 27	1 48	1 5	1 10	25 21	2 57	19 53	0 30	20 7	0 36	1 43	2 1	11 58	0 33	21 39	1 27	12 0	10 30	18 18	18 39	5 20	10 25	6 49
S 20	11 20	20 28	2 53	1 1	1 22	25 32	3 0	20 3	0 30	20 10	0 36	1 40	2 1	11 57	0 33	21 39	1 27	12 0	10 30	18 18	18 38	5 17	10 26	6 49
S 21	11 40	19 18	3 50	0 59	1 34	25 41	3 2	20 13	0 31	20 12	0 36	1 38	2 1	11 56	0 33	21 39	1 27	12 0	10 30	18 19	18 38	5 15	10 27	6 48
M22	12 1	17 1	4 34	1 0	1 44	25 50	3 5	20 23	0 31	20 15	0 36	1 35	2 2	11 56	0 33	21 39	1 27	12 1	10 30	18 19	18 37	5 13	10 27	6 47
T 23	12 21	13 42	5 4	1 3	1 54	25 59	3 7	20 33	0 32	20 17	0 36	1 32	2 2	11 55	0 33	21 39	1 27	12 1	10 30	18 19	18 36	5 11	10 28	6 46
W24	12 41	9 32	5 15	1 8	2 4	26 6	3 10	20 42	0 32	20 20	0 36	1 30	2 2	11 54	0 33	21 39	1 27	12 1	10 29	18 19	18 35	5 8	10 28	6 45
T 25	13 1	4 47	5 7	1 16	2 12	26 14	3 12	20 51	0 33	20 23	0 35	1 27	2 2	11 53	0 33	21 39	1 27	12 1	10 29	18 18	18 34	5 6	10 28	6 45
F 26	13 20	0s17	4 39	1 25	2 20	26 20	3 14	21 0	0 33	20 25	0 35	1 25	2 2	11 52	0 33	21 39	1 27	12 2	10 29	18 18	18 34	5 4	10 29	6 44
S 27	13 40	5 22	3 53	1 37	2 27	26 26	3 16	21 9	0 34	20 28	0 35	1 22	2 2	11 51	0 33	21 39	1 27	12 2	10 29	18 17	18 33	5 2	10 29	6 43
S 28	13 59	10 8	2 52	1 50	2 33	26 32	3 18	21 18	0 34	20 30	0 35	1 20	2 2	11 50	0 33	21 39	1 27	12 2	10 29	18 17	18 32	4 59	10 30	6 42
M29	14 18	14 16	1 41	2 6	2 39	26 37	3 20	21 26	0 35	20 33	0 35	1 18	2 3	11 49	0 33	21 38	1 27	12 3	10 29	18 16	18 31	4 57	10 30	6 42
T 30	14n36	17s29	0s24	2n23	2s44	26n41	3n22	21n35	0n35	20n35	0s35	1s15	2s 3	11s49	0n33	21s38	1n27	12n 3	10s28	18s16	18s30	4s55	10n30	6s41

Julian Day Number = 2503864.5, Delta T = 117.15 sec
Ecliptic obliquity = 23°25'10, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°44'31, Lahiri = 25°51'31

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ASTRODIENST EPHEMERIS for the year 2143
geocentric

MAY 2143 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 34 27	10♉20'54	1♐34	13♈23	25♊53	5♊ 3	5♊28	1♈41	2°R26	20°R40	13♊57	22♏ 5	22♏57	5♓18	12♌58	W 1
T 2	14 38 23	11°19'12	15° 3	14°25	26°51	5°45	5°41	1°47	2♏24	20♐39	13°58	22° 5	22°54	5°25	13° 0	T 2
F 3	14 42 20	12°17'29	28°10	15°29	27°49	6°26	5°55	1°53	2°21	20°38	13°59	22° 6	22°51	5°32	13° 2	F 3
S 4	14 46 16	13°15'44	10♑55	16°37	28°46	7° 8	6° 8	1°59	2°19	20°37	14° 1	22° 7	22°47	5°38	13° 4	S 4
S 5	14 50 13	14°13'57	23°21	17°47	29°42	7°49	6°22	2° 6	2°16	20°36	14° 2	22° 8	22°44	5°45	13° 6	S 5
M 6	14 54 9	15°12'09	5♒33	18°59	0♋39	8°30	6°35	2°12	2°14	20°35	14° 3	22° 8	22°41	5°52	13° 8	M 6
T 7	14 58 6	16°10'19	17°33	20°14	1°34	9°12	6°49	2°18	2°11	20°33	14° 4	22°R 8	22°38	5°58	13°11	T 7
W 8	15 2 3	17° 8'28	29°27	21°31	2°29	9°53	7° 3	2°24	2° 9	20°32	14° 5	22° 8	22°35	6° 5	13°13	W 8
T 9	15 5 59	18° 6'36	11♓20	22°50	3°24	10°34	7°16	2°30	2° 6	20°31	14° 7	22° 8	22°32	6°12	13°16	T 9
F 10	15 9 56	19° 4'42	23°15	24°12	4°18	11°15	7°30	2°36	2° 4	20°29	14° 8	22° 7	22°28	6°19	13°18	F 10
S 11	15 13 52	20° 2'47	5♈17	25°36	5°11	11°56	7°44	2°42	2° 1	20°28	14° 9	22° 7	22°25	6°25	13°21	S 11
S 12	15 17 49	21° 0'50	17°29	27° 2	6° 4	12°37	7°57	2°47	1°59	20°27	14°10	22° 7	22°22	6°32	13°24	S 12
M13	15 21 45	21°58'52	29°53	28°31	6°56	13°18	8°11	2°53	1°57	20°25	14°12	22°D 7	22°19	6°39	13°27	M13
T 14	15 25 42	22°56'52	12♉32	0♉ 1	7°48	13°59	8°25	2°59	1°54	20°24	14°13	22° 7	22°16	6°46	13°30	T 14
W15	15 29 38	23°54'51	25°26	1°34	8°39	14°40	8°39	3° 4	1°52	20°23	14°14	22°R 7	22°12	6°52	13°33	W15
T 16	15 33 35	24°52'48	8♊36	3° 8	9°29	15°21	8°52	3°10	1°50	20°21	14°16	22° 7	22° 9	6°59	13°37	T 16
F 17	15 37 32	25°50'44	22° 1	4°45	10°18	16° 2	9° 6	3°15	1°47	20°20	14°17	22° 7	22° 6	7° 6	13°40	F 17
S 18	15 41 28	26°48'38	5♋39	6°24	11° 7	16°43	9°20	3°21	1°45	20°18	14°18	22° 6	22° 3	7°12	13°44	S 18
S 19	15 45 25	27°46'31	19°29	8° 5	11°55	17°24	9°34	3°26	1°43	20°17	14°20	22° 6	22° 0	7°19	13°47	S 19
M20	15 49 21	28°44'21	3♌28	9°48	12°42	18° 5	9°48	3°31	1°41	20°15	14°21	22° 5	21°57	7°26	13°51	M20
T 21	15 53 18	29°42'10	17°35	11°33	13°28	18°46	10° 2	3°37	1°38	20°14	14°22	22° 4	21°53	7°33	13°55	T 21
W22	15 57 14	0♊39'58	1♍48	13°20	14°13	19°26	10°16	3°42	1°36	20°12	14°24	22°D 4	21°50	7°39	13°58	W22
T 23	16 1 11	1°37'43	16° 2	15° 9	14°57	20° 7	10°30	3°47	1°34	20°11	14°25	22° 5	21°47	7°46	14° 2	T 23
F 24	16 5 7	2°35'27	0♎17	17° 0	15°41	20°48	10°44	3°52	1°32	20° 9	14°26	22° 5	21°44	7°53	14° 6	F 24
S 25	16 9 4	3°33'09	14°30	18°54	16°23	21°28	10°58	3°57	1°30	20° 8	14°28	22° 6	21°41	7°59	14°10	S 25
S 26	16 13 1	4°30'50	28°37	20°49	17° 4	22° 9	11°12	4° 2	1°28	20° 6	14°29	22° 7	21°38	8° 6	14°15	S 26
M27	16 16 57	5°28'29	12♏35	22°46	17°45	22°49	11°26	4° 7	1°26	20° 5	14°30	22° 8	21°34	8°13	14°19	M27
T 28	16 20 54	6°26'07	26°21	24°46	18°24	23°30	11°39	4°11	1°24	20° 3	14°32	22°R 8	21°31	8°20	14°23	T 28
W29	16 24 50	7°23'44	9♐53	26°47	19° 2	24°10	11°53	4°16	1°22	20° 2	14°33	22° 7	21°28	8°26	14°28	W29
T 30	16 28 47	8°21'20	23° 9	28°50	19°38	24°51	12° 7	4°21	1°20	20° 0	14°34	22° 6	21°25	8°33	14°32	T 30
F 31	16 32 43	9♊18'54	6♑ 8	0♊55	20♋14	25♊31	12♊21	4♈25	1♏18	19♐59	14♊36	22♏ 4	21♏22	8♓40	14♌37	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n55	19s36	0n52	2n42	2s48	26n45	3n24	21n43	0n36	20n38	0s35	1s13	2s 3	11s48	0n33	21s38	1n27	12n 3	10s28	18s16	18s30	4s53	10n31	6s40
T 2	15 13	20 32	2 4	3 2	2 51	26 48	3 25	21 51	0 36	20 40	0 35	1 10	2 3	11 47	0 33	21 38	1 27	12 4	10 28	18 16	18 29	4 50	10 31	6 39
F 3	15 31	20 18	3 7	3 25	2 54	26 50	3 26	21 58	0 37	20 43	0 34	1 8	2 3	11 46	0 33	21 38	1 27	12 4	10 28	18 17	18 28	4 48	10 31	6 38
S 4	15 48	19 0	3 59	3 48	2 57	26 52	3 28	22 6	0 37	20 45	0 34	1 6	2 3	11 45	0 33	21 38	1 28	12 4	10 28	18 17	18 27	4 46	10 31	6 38
S 5	16 6	16 50	4 38	4 13	2 58	26 54	3 29	22 13	0 38	20 48	0 34	1 3	2 4	11 44	0 33	21 38	1 28	12 4	10 28	18 17	18 26	4 44	10 31	6 37
M 6	16 23	13 57	5 4	4 40	2 59	26 55	3 30	22 20	0 38	20 50	0 34	1 1	2 4	11 44	0 33	21 38	1 28	12 5	10 27	18 17	18 26	4 41	10 31	6 36
T 7	16 40	10 32	5 16	5 8	2 59	26 55	3 31	22 27	0 39	20 52	0 34	0 59	2 4	11 43	0 33	21 38	1 28	12 5	10 27	18 17	18 25	4 39	10 31	6 35
W 8	16 56	6 44	5 14	5 37	2 59	26 55	3 31	22 34	0 39	20 55	0 34	0 57	2 4	11 42	0 33	21 38	1 28	12 5	10 27	18 17	18 24	4 37	10 32	6 34
T 9	17 13	2 41	4 59	6 7	2 58	26 54	3 32	22 40	0 40	20 57	0 34	0 54	2 4	11 41	0 33	21 37	1 28	12 5	10 27	18 17	18 23	4 35	10 32	6 34
F 10	17 29	1n29	4 32	6 38	2 57	26 53	3 32	22 46	0 40	20 59	0 34	0 52	2 4	11 40	0 33	21 37	1 28	12 6	10 27	18 17	18 22	4 32	10 32	6 33
S 11	17 44	5 38	3 51	7 11	2 55	26 51	3 32	22 52	0 41	21 2	0 33	0 50	2 5	11 39	0 33	21 37	1 28	12 6	10 27	18 17	18 22	4 30	10 32	6 32
S 12	18 0	9 38	3 1	7 44	2 52	26 49	3 32	22 58	0 41	21 4	0 33	0 48	2 5	11 39	0 33	21 37	1 28	12 6	10 27	18 17	18 21	4 28	10 31	6 31
M13	18 15	13 18	2 0	8 18	2 49	26 46	3 32	23 4	0 42	21 6	0 33	0 46	2 5	11 38	0 33	21 37	1 28	12 7	10 27	18 17	18 20	4 26	10 31	6 31
T 14	18 30	16 26	0 53	8 53	2 45	26 43	3 32	23 9	0 42	21 9	0 33	0 44	2 5	11 37	0 33	21 37	1 28	12 7	10 26	18 17	18 19	4 23	10 31	6 30
W15	18 44	18 48	0s18	9 29	2 41	26 39	3 31	23 15	0 43	21 11	0 33	0 42	2 5	11 36	0 33	21 37	1 28	12 7	10 26	18 17	18 18	4 21	10 31	6 29
T 16	18 58	20 14	1 30	10 6	2 36	26 35	3 31	23 20	0 43	21 13	0 33	0 40	2 6	11 35	0 32	21 37	1 28	12 7	10 26	18 17	18 18	4 19	10 31	6 28
F 17	19 12	20 33	2 38	10 44	2 30	26 30	3 30	23 24	0 43	21 15	0 33	0 38	2 6	11 35	0 32	21 36	1 28	12 8	10 26	18 17	18 17	4 17	10 31	6 28
S 18	19 26	19 40	3 39	11 22	2 25	26 25	3 29	23 29	0 44	21 18	0 33	0 36	2 6	11 34	0 32	21 36	1 28	12 8	10 26	18 17	18 16	4 14	10 30	6 27
S 19	19 39	17 36	4 27	12 0	2 18	26 20	3 27	23 33	0 44	21 20	0 33	0 34	2 6	11 33	0 32	21 36	1 28	12 8	10 26	18 17	18 15	4 12	10 30	6 26
M20	19 52	14 29	5 0	12 40	2 11	26 14	3 26	23 38	0 45	21 22	0 32	0 32	2 6	11 32	0 32	21 36	1 28	12 8	10 26	18 16	18 14	4 10	10 30	6 25
T 21	20 4	10 32	5 16	13 19	2 4	26 7	3 24	23 42	0 45	21 24	0 32	0 30	2 7	11 32	0 32	21 36	1 28	12 9	10 26	18 16	18 13	4 8	10 29	6 25
W22	20 16	5 58	5 12	13 59	1 56	26 1	3 22	23 45	0 46	21 26	0 32	0 28	2 7	11 31	0 32	21 36	1 28	12 9	10 26	18 16	18 13	4 5	10 29	6 24
T 23	20 28	1 3	4 50	14 39	1 48	25 54	3 20	23 49	0 46	21 28	0 32	0 26	2 7	11 30	0 32	21 36	1 28	12 9	10 25	18 16	18 12	4 3	10 29	6 23
F 24	20 40	3s55	4 9	15 19	1 39	25 46	3 18	23 52	0 46	21 30	0 32	0 25	2 7	11 30	0 32	21 36	1 28	12 9	10 25	18 16	18 11	4 1	10 28	6 23
S 25	20 51	8 41	3 14	15 59	1 30	25 38	3 15	23 55	0 47	21 32	0 32	0 23	2 7	11 29	0 32	21 36	1 28	12 9	10 25	18 17	18 10	3 59	10 28	6 22
S 26	21 1	12 56	2 7	16 39	1 21	25 30	3 12	23 58	0 47	21 34	0 32	0 21	2 8	11 28	0 32	21 35	1 28	12 10	10 25	18 17	18 9	3 56	10 27	6 21
M27	21 12	16 26	0 53	17 18	1 11	25 22	3 9	24 1	0 48	21 36	0 32	0 19	2 8	11 28	0 32	21 35	1 28	12 10	10 25	18 17	18 8	3 54	10 27	6 20
T 28	21 22	18 57	0n23	17 57	1 1	25 13	3 6	24 4	0 48	21 38	0 32	0 18	2 8	11 27	0 32	21 35	1 28	12 10	10 25	18 17	18 8	3 52	10 26	6 20
W29	21 32	20 19	1 37	18 36	0 51	25 4	3 2	24 6	0 48	21 40	0 32	0 16	2 8	11 26	0 32	21 35	1 28	12 10	10 25	18 17	18 7	3 50	10 26	6 19
T 30	21 41	20 32	2 43	19 14	0 40	24 55	2 58	24 8	0 49	21 42	0 31	0 14	2 8	11 26	0 32	21 35	1 28	12 11	10 25	18 17	18 6	3 48	10 25	6 18
F 31	21n50	19s37	3n40	19n50	0s30	24n46	2n54	24n10	0n49	21n44	0s31	0s13	2s 9	11s25	0n32	21s35	1n28	12n11	10s25	18s16	18s 5	3s45	10n24	6s18

Julian Day Number = 2503894.5, Delta T = 117.20 sec
Ecliptic obliquity = 23°25'09, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°44'35, Lahiri = 25°51'35

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ASTRODIENST EPHEMERIS for the year 2143
geocentric

JUNE 2143 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 40	10♊16'27	18♉49	3♊ 1	20♋48	26♊11	12♊35	4♈30	1°R17	19°R57	14♊37	22°R 1	21♏18	8♓46	14♌41	S 1
S 2	16 40 36	11°14'00	1♒15	5° 9	21°21	26°52	12°49	4°34	1♏15	19♐55	14°39	21♏58	21°15	8°53	14°46	S 2
M 3	16 44 33	12°11'31	13°26	7°18	21°52	27°32	13° 3	4°38	1°13	19°54	14°40	21°56	21°12	9° 0	14°51	M 3
T 4	16 48 30	13° 9'02	25°28	9°29	22°22	28°12	13°17	4°42	1°11	19°52	14°41	21°54	21° 9	9° 7	14°56	T 4
W 5	16 52 26	14° 6'32	7♓23	11°40	22°51	28°52	13°31	4°46	1°10	19°51	14°43	21°53	21° 6	9°13	15° 1	W 5
T 6	16 56 23	15° 4'01	19°15	13°52	23°18	29°32	13°45	4°51	1° 8	19°49	14°44	21°D53	21° 3	9°20	15° 6	T 6
F 7	17 0 19	16° 1'29	1♈11	16° 4	23°43	0♋13	13°59	4°54	1° 7	19°47	14°45	21°53	20°59	9°27	15°11	F 7
S 8	17 4 16	16°58'57	13°14	18°16	24° 7	0°53	14°13	4°58	1° 5	19°46	14°47	21°55	20°56	9°33	15°16	S 8
S 9	17 8 12	17°56'24	25°29	20°28	24°28	1°33	14°27	5° 2	1° 4	19°44	14°48	21°57	20°53	9°40	15°21	S 9
M10	17 12 9	18°53'50	7♉59	22°39	24°49	2°13	14°41	5° 6	1° 2	19°42	14°50	21°58	20°50	9°47	15°27	M10
T 11	17 16 5	19°51'15	20°48	24°50	25° 7	2°53	14°55	5° 9	1° 1	19°41	14°51	21°R59	20°47	9°54	15°32	T 11
W12	17 20 2	20°48'40	3♊58	27° 0	25°23	3°33	15° 9	5°13	0°59	19°39	14°52	21°58	20°44	10° 0	15°38	W12
T 13	17 23 59	21°46'05	17°29	29° 8	25°38	4°13	15°23	5°16	0°58	19°38	14°54	21°56	20°40	10° 7	15°43	T 13
F 14	17 27 55	22°43'28	1♋18	1♋15	25°50	4°53	15°37	5°20	0°57	19°36	14°55	21°53	20°37	10°14	15°49	F 14
S 15	17 31 52	23°40'51	15°24	3°21	26° 0	5°32	15°51	5°23	0°55	19°34	14°56	21°49	20°34	10°20	15°54	S 15
S 16	17 35 48	24°38'13	29°41	5°25	26° 9	6°12	16° 5	5°26	0°54	19°33	14°58	21°44	20°31	10°27	16° 0	S 16
M17	17 39 45	25°35'34	14♌ 5	7°27	26°15	6°52	16°19	5°29	0°53	19°31	14°59	21°39	20°28	10°34	16° 6	M17
T 18	17 43 41	26°32'54	28°29	9°26	26°18	7°32	16°33	5°32	0°52	19°29	15° 1	21°35	20°24	10°41	16°12	T 18
W19	17 47 38	27°30'13	12♍50	11°24	26°R20	8°12	16°47	5°35	0°51	19°28	15° 2	21°33	20°21	10°47	16°18	W19
T 20	17 51 34	28°27'31	27° 5	13°20	26°19	8°51	17° 0	5°38	0°50	19°26	15° 3	21°D32	20°18	10°54	16°24	T 20
F 21	17 55 31	29°24'48	11♎10	15°13	26°16	9°31	17°14	5°41	0°49	19°25	15° 5	21°33	20°15	11° 1	16°30	F 21
S 22	17 59 28	0♋22'05	25° 5	17° 4	26°10	10°11	17°28	5°43	0°48	19°23	15° 6	21°34	20°12	11° 7	16°36	S 22
S 23	18 3 24	1°19'20	8♏48	18°53	26° 2	10°50	17°42	5°46	0°47	19°22	15° 7	21°35	20° 9	11°14	16°42	S 23
M24	18 7 21	2°16'35	22°21	20°40	25°51	11°30	17°56	5°48	0°47	19°20	15° 9	21°R36	20° 5	11°21	16°48	M24
T 25	18 11 17	3°13'50	5♐42	22°24	25°38	12° 9	18° 9	5°51	0°46	19°18	15°10	21°35	20° 2	11°28	16°55	T 25
W26	18 15 14	4°11'04	18°51	24° 6	25°23	12°49	18°23	5°53	0°45	19°17	15°11	21°32	19°59	11°34	17° 1	W26
T 27	18 19 10	5° 8'17	1♑48	25°46	25° 5	13°28	18°37	5°55	0°44	19°15	15°13	21°27	19°56	11°41	17° 8	T 27
F 28	18 23 7	6° 5'30	14°32	27°23	24°45	14° 8	18°50	5°57	0°44	19°14	15°14	21°21	19°53	11°48	17°14	F 28
S 29	18 27 3	7° 2'43	27° 3	28°58	24°23	14°47	19° 4	5°59	0°43	19°12	15°15	21°13	19°50	11°54	17°21	S 29
S 30	18 31 0	7♋59'56	9♒22	0♌30	23♋59	15♋27	19♊17	6♈ 1	0♏43	19♐11	15♊16	21♏ 5	19♏46	12♓ 1	17♌27	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n58	17s45	4n24	20n26	0s19	24n36	2n49	24n11	0n50	21n46	0s31	0s11	2s 9	11s24	0n32	21s35	1n28	12n11	10s25	18s15	18s 4	3s43	10n24	6s17
S 2	22 6	15 4	4 55	21 0	0 8	24 26	2 44	24 13	0 50	21 48	0 31	0 10	2 9	11 24	0 32	21 35	1 28	12 11	10 25	18 15	18 4	3 41	10 23	6 16
M 3	22 14	11 48	5 11	21 33	0n 2	24 16	2 39	24 14	0 50	21 50	0 31	0 8	2 9	11 23	0 32	21 34	1 28	12 11	10 25	18 14	18 3	3 39	10 22	6 16
T 4	22 21	8 5	5 14	22 4	0 13	24 6	2 34	24 15	0 51	21 52	0 31	0 7	2 10	11 23	0 32	21 34	1 28	12 12	10 25	18 14	18 2	3 36	10 21	6 15
W 5	22 28	4 6	5 3	22 33	0 23	23 55	2 28	24 16	0 51	21 53	0 31	0 5	2 10	11 22	0 32	21 34	1 28	12 12	10 25	18 13	18 1	3 34	10 21	6 14
T 6	22 35	0n 3	4 40	23 0	0 33	23 45	2 22	24 16	0 51	21 55	0 31	0 4	2 10	11 22	0 32	21 34	1 28	12 12	10 25	18 13	18 0	3 32	10 20	6 14
F 7	22 41	4 12	4 4	23 24	0 43	23 34	2 16	24 17	0 52	21 57	0 31	0 3	2 10	11 21	0 32	21 34	1 28	12 12	10 25	18 13	17 59	3 30	10 19	6 13
S 8	22 47	8 15	3 17	23 47	0 53	23 23	2 9	24 17	0 52	21 59	0 31	0 1	2 11	11 21	0 32	21 34	1 28	12 12	10 25	18 14	17 58	3 27	10 18	6 13
S 9	22 52	12 1	2 20	24 6	1 2	23 12	2 2	24 17	0 52	22 0	0 31	0 0	2 11	11 20	0 32	21 34	1 28	12 12	10 24	18 14	17 58	3 25	10 17	6 12
M10	22 57	15 21	1 16	24 23	1 10	23 1	1 54	24 17	0 53	22 2	0 31	0n 1	2 11	11 20	0 32	21 34	1 28	12 13	10 24	18 15	17 57	3 23	10 16	6 11
T 11	23 2	18 3	0 6	24 37	1 18	22 50	1 46	24 16	0 53	22 4	0 30	0 2	2 11	11 19	0 32	21 33	1 28	12 13	10 24	18 15	17 56	3 21	10 15	6 11
W12	23 6	19 51	1s 5	24 48	1 25	22 39	1 38	24 16	0 53	22 5	0 30	0 3	2 12	11 19	0 32	21 33	1 28	12 13	10 24	18 15	17 55	3 18	10 14	6 10
T 13	23 10	20 35	2 15	24 57	1 32	22 28	1 29	24 15	0 54	22 7	0 30	0 5	2 12	11 18	0 32	21 33	1 28	12 13	10 24	18 14	17 54	3 16	10 13	6 10
F 14	23 13	20 6	3 19	25 3	1 38	22 17	1 20	24 14	0 54	22 9	0 30	0 6	2 12	11 18	0 32	21 33	1 28	12 13	10 24	18 13	17 53	3 14	10 12	6 9
S 15	23 16	18 22	4 11	25 6	1 43	22 6	1 11	24 13	0 54	22 10	0 30	0 7	2 12	11 17	0 32	21 33	1 28	12 13	10 24	18 12	17 53	3 12	10 11	6 8
S 16	23 19	15 29	4 49	25 6	1 48	21 54	1 1	24 11	0 55	22 12	0 30	0 8	2 13	11 17	0 32	21 33	1 28	12 14	10 24	18 11	17 52	3 10	10 10	6 8
M17	23 21	11 40	5 9	25 4	1 52	21 43	0 51	24 9	0 55	22 13	0 30	0 9	2 13	11 17	0 32	21 33	1 28	12 14	10 24	18 10	17 51	3 7	10 9	6 7
T 18	23 22	7 9	5 9	24 59	1 55	21 32	0 41	24 8	0 55	22 15	0 30	0 10	2 13	11 16	0 32	21 33	1 28	12 14	10 24	18 9	17 50	3 5	10 8	6 7
W19	23 24	2 16	4 50	24 52	1 57	21 21	0 30	24 6	0 56	22 16	0 30	0 11	2 13	11 16	0 32	21 33	1 28	12 14	10 24	18 8	17 49	3 3	10 6	6 6
T 20	23 25	2s43	4 14	24 43	1 58	21 10	0 18	24 3	0 56	22 17	0 30	0 12	2 14	11 16	0 32	21 32	1 28	12 14	10 24	18 8	17 48	3 1	10 5	6 6
F 21	23 25	7 31	3 22	24 31	1 59	21 0	0 7	24 1	0 56	22 19	0 30	0 12	2 14	11 15	0 32	21 32	1 28	12 14	10 24	18 8	17 48	2 58	10 4	6 5
S 22	23 25	11 51	2 19	24 18	1 59	20 49	0s 5	23 58	0 57	22 20	0 30	0 13	2 14	11 15	0 31	21 32	1 28	12 14	10 24	18 8	17 47	2 56	10 3	6 5
S 23	23 25	15 31	1 9	24 3	1 58	20 38	0 18	23 55	0 57	22 22	0 30	0 14	2 14	11 15	0 31	21 32	1 28	12 14	10 24	18 9	17 46	2 54	10 1	6 4
M24	23 24	18 17	0n 4	23 45	1 57	20 28	0 30	23 52	0 57	22 23	0 29	0 15	2 15	11 15	0 31	21 32	1 28	12 15	10 24	18 9	17 45	2 52	10 0	6 4
T 25	23 23	20 0	1 16	23 27	1 55	20 17	0 43	23 49	0 57	22 24	0 29	0 15	2 15	11 14	0 31	21 32	1 28	12 15	10 25	18 9	17 44	2 49	9 59	6 3
W26	23 21	20 35	2 22	23 7	1 52	20 7	0 56	23 46	0 58	22 25	0 29	0 16	2 15	11 14	0 31	21 32	1 28	12 15	10 25	18 8	17 43	2 47	9 57	6 3
T 27	23 19	20 4	3 20	22 45	1 49	19 57	1 10	23 42	0 58	22 27	0 29	0 17	2 15	11 14	0 31	21 32	1 28	12 15	10 25	18 7	17 42	2 45	9 56	6 2
F 28	23 17	18 32	4 7	22 22	1 44	19 47	1 24	23 38	0 58	22 28	0 29	0 17	2 16	11 14	0 31	21 32	1 28	12 15	10 25	18 5	17 42	2 43	9 54	6 2
S 29	23 14	16 8	4 41	21 59	1 40	19 37	1 38	23 34	0 59	22 29	0 29	0 18	2 16	11 14	0 31	21 31	1 28	12 15	10 25	18 3	17 41	2 41	9 53	6 1
S 30	23n11	13s 3	5n 1	21n34	1n34	19n28	1s52	23n30	0n59	22n30	0s29	0n18	2s16	11s13	0n31	21s31	1n28	12n15	10s25	18s 1	17s40	2s38	9n51	6s 1

Julian Day Number = 2503925.5, Delta T = 117.26 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°44'39, Lahiri = 25°51'40

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ASTRODIENST EPHEMERIS for the year 2143
geocentric

JULY 2143 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 34 57	8♋57'08	21♒30	2♌ 0	23°R32	16♋ 6	19♊31	6♈ 3	0°R42	19°R 9	15♊18	20°R57	19♏43	12♓ 8	17♌34	M 1
T 2	18 38 53	9°54'20	3♓29	3°28	23♋ 4	16°45	19°44	6° 5	0♏42	19♐ 8	15°19	20♏50	19°40	12°15	17°40	T 2
W 3	18 42 50	10°51'33	15°23	4°54	22°34	17°25	19°58	6° 6	0°42	19° 6	15°20	20°45	19°37	12°21	17°47	W 3
T 4	18 46 46	11°48'45	27°15	6°16	22° 2	18° 4	20°11	6° 8	0°41	19° 5	15°21	20°41	19°34	12°28	17°54	T 4
F 5	18 50 43	12°45'58	9♈ 9	7°37	21°29	18°43	20°25	6° 9	0°41	19° 3	15°23	20°D40	19°30	12°35	18° 1	F 5
S 6	18 54 39	13°43'10	21°10	8°55	20°54	19°23	20°38	6°10	0°41	19° 2	15°24	20°40	19°27	12°41	18° 7	S 6
S 7	18 58 36	14°40'23	3♉24	10°10	20°19	20° 2	20°52	6°12	0°41	19° 0	15°25	20°41	19°24	12°48	18°14	S 7
M 8	19 2 32	15°37'36	15°56	11°22	19°43	20°41	21° 5	6°13	0°41	18°59	15°26	20°R42	19°21	12°55	18°21	M 8
T 9	19 6 29	16°34'50	28°49	12°32	19° 6	21°20	21°18	6°14	0°D41	18°58	15°28	20°42	19°18	13° 2	18°28	T 9
W10	19 10 26	17°32'04	12♊ 7	13°39	18°28	21°59	21°31	6°15	0°41	18°56	15°29	20°40	19°15	13° 8	18°35	W10
T 11	19 14 22	18°29'18	25°50	14°44	17°51	22°39	21°45	6°15	0°41	18°55	15°30	20°36	19°11	13°15	18°42	T 11
F 12	19 18 19	19°26'32	9♋59	15°45	17°13	23°18	21°58	6°16	0°41	18°53	15°31	20°29	19° 8	13°22	18°50	F 12
S 13	19 22 15	20°23'46	24°28	16°43	16°36	23°57	22°11	6°17	0°41	18°52	15°32	20°21	19° 5	13°28	18°57	S 13
S 14	19 26 12	21°21'01	9♌11	17°38	16° 0	24°36	22°24	6°17	0°41	18°51	15°34	20°12	19° 2	13°35	19° 4	S 14
M15	19 30 8	22°18'16	24° 1	18°30	15°24	25°15	22°37	6°17	0°41	18°50	15°35	20° 3	18°59	13°42	19°11	M15
T 16	19 34 5	23°15'30	8♍48	19°19	14°50	25°54	22°50	6°18	0°42	18°48	15°36	19°55	18°56	13°49	19°18	T 16
W17	19 38 1	24°12'45	23°27	20° 4	14°16	26°33	23° 3	6°18	0°42	18°47	15°37	19°49	18°52	13°55	19°26	W17
T 18	19 41 58	25° 9'59	7♎50	20°45	13°44	27°12	23°15	6°R18	0°43	18°46	15°38	19°46	18°49	14° 2	19°33	T 18
F 19	19 45 55	26° 7'14	21°56	21°23	13°13	27°51	23°28	6°18	0°43	18°45	15°39	19°D45	18°46	14° 9	19°40	F 19
S 20	19 49 51	27° 4'29	5♏44	21°56	12°45	28°30	23°41	6°18	0°44	18°43	15°40	19°45	18°43	14°15	19°48	S 20
S 21	19 53 48	28° 1'44	19°15	22°26	12°18	29° 9	23°54	6°18	0°44	18°42	15°41	19°R45	18°40	14°22	19°55	S 21
M22	19 57 44	28°58'59	2♐30	22°51	11°53	29°47	24° 6	6°17	0°45	18°41	15°42	19°45	18°36	14°29	20° 3	M22
T 23	20 1 41	29°56'14	15°31	23°12	11°30	0♌26	24°19	6°17	0°46	18°40	15°43	19°42	18°33	14°36	20°10	T 23
W24	20 5 37	0♌53'30	28°20	23°28	11° 9	1° 5	24°31	6°16	0°46	18°39	15°44	19°37	18°30	14°42	20°18	W24
T 25	20 9 34	1°50'46	10♑58	23°40	10°51	1°44	24°44	6°16	0°47	18°38	15°45	19°29	18°27	14°49	20°25	T 25
F 26	20 13 30	2°48'02	23°26	23°47	10°35	2°23	24°56	6°15	0°48	18°37	15°46	19°19	18°24	14°56	20°33	F 26
S 27	20 17 27	3°45'19	5♒44	23°R49	10°21	3° 1	25° 8	6°14	0°49	18°36	15°47	19° 7	18°21	15° 2	20°40	S 27
S 28	20 21 24	4°42'36	17°54	23°46	10°10	3°40	25°21	6°13	0°50	18°35	15°48	18°54	18°17	15° 9	20°48	S 28
M29	20 25 20	5°39'54	29°56	23°37	10° 1	4°19	25°33	6°12	0°51	18°34	15°49	18°41	18°14	15°16	20°55	M29
T 30	20 29 17	6°37'13	11♓51	23°24	9°54	4°58	25°45	6°11	0°52	18°33	15°50	18°30	18°11	15°22	21° 3	T 30
W31	20 33 13	7♌34'33	23♓42	23♌ 6	9♋50	5♌36	25♊57	6♈10	0♏53	18♐32	15♊51	18♏21	18♏ 8	15♓29	21♌11	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 7	9s28	5n 7	21n 8	1n28	19n18	2s 6	23n26	0n59	22n31	0s29	0n19	2s17	11s13	0n31	21s31	1n28	12n15	10s25	17s59	17s39	2s36	9n50	6s 0
T 2	23 3	5 33	5 0	20 41	1 22	19 9	2 20	23 21	0 59	22 33	0 29	0 19	2 17	11 13	0 31	21 31	1 28	12 15	10 25	17 57	17 38	2 34	9 48	6 0
W 3	22 59	1 27	4 40	20 14	1 15	19 0	2 34	23 16	1 0	22 34	0 29	0 19	2 17	11 13	0 31	21 31	1 28	12 15	10 25	17 55	17 37	2 32	9 47	5 59
T 4	22 54	2n41	4 7	19 46	1 7	18 51	2 49	23 11	1 0	22 35	0 29	0 20	2 17	11 13	0 31	21 31	1 28	12 16	10 25	17 55	17 36	2 29	9 45	5 59
F 5	22 48	6 45	3 24	19 18	0 59	18 42	3 3	23 6	1 0	22 36	0 29	0 20	2 18	11 13	0 31	21 31	1 27	12 16	10 25	17 54	17 36	2 27	9 44	5 58
S 6	22 43	10 36	2 32	18 49	0 50	18 33	3 17	23 1	1 0	22 37	0 29	0 20	2 18	11 13	0 31	21 31	1 27	12 16	10 25	17 54	17 35	2 25	9 42	5 58
S 7	22 37	14 4	1 32	18 21	0 41	18 25	3 30	22 56	1 1	22 38	0 29	0 21	2 18	11 13	0 31	21 31	1 27	12 16	10 25	17 55	17 34	2 23	9 40	5 58
M 8	22 30	17 0	0 26	17 51	0 31	18 17	3 44	22 50	1 1	22 39	0 29	0 21	2 18	11 13	0 31	21 31	1 27	12 16	10 25	17 55	17 33	2 21	9 39	5 57
T 9	22 23	19 10	0s43	17 22	0 21	18 9	3 57	22 44	1 1	22 40	0 28	0 21	2 19	11 13	0 31	21 31	1 27	12 16	10 25	17 55	17 32	2 18	9 37	5 57
W10	22 16	20 22	1 52	16 53	0 11	18 1	4 10	22 38	1 1	22 40	0 28	0 21	2 19	11 13	0 31	21 30	1 27	12 16	10 25	17 54	17 31	2 16	9 35	5 56
T 11	22 9	20 25	2 56	16 24	0s 0	17 54	4 22	22 32	1 2	22 41	0 28	0 21	2 19	11 13	0 31	21 30	1 27	12 16	10 25	17 53	17 30	2 14	9 33	5 56
F 12	22 1	19 11	3 52	15 55	0 12	17 47	4 34	22 26	1 2	22 42	0 28	0 21	2 20	11 13	0 31	21 30	1 27	12 16	10 25	17 51	17 30	2 12	9 32	5 56
S 13	21 52	16 43	4 34	15 26	0 23	17 40	4 45	22 19	1 2	22 43	0 28	0 21	2 20	11 13	0 31	21 30	1 27	12 16	10 26	17 49	17 29	2 10	9 30	5 55
S 14	21 44	13 9	4 58	14 58	0 36	17 34	4 56	22 12	1 2	22 44	0 28	0 21	2 20	11 13	0 31	21 30	1 27	12 16	10 26	17 47	17 28	2 7	9 28	5 55
M15	21 34	8 44	5 3	14 30	0 48	17 28	5 6	22 6	1 3	22 45	0 28	0 21	2 20	11 14	0 31	21 30	1 27	12 16	10 26	17 44	17 27	2 5	9 26	5 54
T 16	21 25	3 49	4 48	14 3	1 1	17 22	5 15	21 59	1 3	22 45	0 28	0 21	2 21	11 14	0 31	21 30	1 27	12 16	10 26	17 42	17 26	2 3	9 24	5 54
W17	21 15	1s17	4 13	13 37	1 14	17 17	5 24	21 51	1 3	22 46	0 28	0 20	2 21	11 14	0 31	21 30	1 27	12 16	10 26	17 41	17 25	2 1	9 22	5 54
T 18	21 5	6 13	3 24	13 11	1 27	17 12	5 32	21 44	1 3	22 47	0 28	0 20	2 21	11 14	0 31	21 30	1 27	12 16	10 26	17 40	17 24	1 58	9 20	5 53
F 19	20 54	10 44	2 22	12 46	1 41	17 8	5 39	21 37	1 3	22 48	0 28	0 20	2 21	11 14	0 31	21 30	1 27	12 16	10 26	17 40	17 23	1 56	9 19	5 53
S 20	20 44	14 35	1 14	12 23	1 54	17 4	5 46	21 29	1 4	22 48	0 28	0 20	2 22	11 14	0 30	21 30	1 27	12 16	10 26	17 40	17 23	1 54	9 17	5 53
S 21	20 32	17 34	0 3	12 0	2 8	17 0	5 52	21 21	1 4	22 49	0 28	0 19	2 22	11 15	0 30	21 30	1 27	12 16	10 26	17 40	17 22	1 52	9 15	5 53
M22	20 21	19 33	1n 7	11 39	2 22	16 57	5 58	21 13	1 4	22 50	0 28	0 19	2 22	11 15	0 30	21 30	1 27	12 16	10 26	17 39	17 21	1 50	9 13	5 52
T 23	20 9	20 26	2 12	11 19	2 36	16 54	6 2	21 5	1 4	22 50	0 28	0 19	2 23	11 15	0 30	21 30	1 27	12 16	10 27	17 39	17 20	1 47	9 11	5 52
W24	19 57	20 15	3 9	11 1	2 49	16 52	6 6	20 57	1 4	22 51	0 28	0 18	2 23	11 15	0 30	21 29	1 27	12 16	10 27	17 37	17 19	1 45	9 9	5 52
T 25	19 44	19 2	3 56	10 44	3 3	16 50	6 10	20 48	1 5	22 51	0 28	0 18	2 23	11 16	0 30	21 29	1 27	12 16	10 27	17 35	17 18	1 43	9 7	5 51
F 26	19 31	16 56	4 31	10 29	3 16	16 48	6 13	20 40	1 5	22 52	0 28	0 17	2 23	11 16	0 30	21 29	1 27	12 16	10 27	17 32	17 17	1 41	9 4	5 51
S 27	19 18	14 5	4 53	10 16	3 30	16 47	6 15	20 31	1 5	22 52	0 28	0 16	2 24	11 16	0 30	21 29	1 27	12 16	10 27	17 29	17 16	1 39	9 2	5 51
S 28	19 4	10 41	5 1	10 5	3 42	16 46	6 17	20 22	1 5	22 53	0 27	0 16	2 24	11 17	0 30	21 29	1 27	12 16	10 27	17 26	17 16	1 36	9 0	5 51
M29	18 50	6 53	4 55	9 57	3 54	16 46	6 18	20 13	1 5	22 53	0 27	0 15	2 24	11 17	0 30	21 29	1 27	12 16	10 27	17 22	17 15	1 34	8 58	5 50
T 30	18 36	2 51	4 37	9 50	4 6	16 46	6 18	20 4	1 6	22 54	0 27	0 15	2 24	11 18	0 30	21 29	1 27	12 16	10 27	17 19	17 14	1 32	8 56	5 50
W31	18n22	1n16	4n 6	9n46	4s16	16n46	6s18	19n55	1n 6	22n54	0s27	0n14	2s25	11s18	0n30	21s29	1n27	12n16	10s28	17s17	17s13	1s30	8n54	5s50

Julian Day Number = 2503955.5, Delta T = 117.31 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°44'43, Lahiri = 25°51'44

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ASTRODIENST EPHEMERIS for the year 2143
geocentric

AUGUST 2143 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 10	8♌31'54	5♈32	22°R43	9°D48	6♌15	26♊ 9	6°R 8	0♏54	18°R31	15♊52	18°R14	18♏ 5	15♓36	21♌18	T 1
F 2	20 41 6	9°29'15	17°25	22♌16	9♋49	6°54	26°21	6♈ 7	0°55	18♐30	15°53	18♏11	18° 1	15°43	21°26	F 2
S 3	20 45 3	10°26'38	29°24	21°44	9°52	7°32	26°33	6° 6	0°57	18°29	15°54	18° 9	17°58	15°49	21°34	S 3
S 4	20 48 59	11°24'02	11♉36	21° 8	9°57	8°11	26°44	6° 4	0°58	18°28	15°55	18° 9	17°55	15°56	21°42	S 4
M 5	20 52 56	12°21'26	24° 5	20°29	10° 5	8°49	26°56	6° 2	0°59	18°27	15°56	18° 9	17°52	16° 3	21°49	M 5
T 6	20 56 53	13°18'53	6♊56	19°46	10°14	9°28	27° 8	6° 0	1° 1	18°27	15°56	18° 8	17°49	16° 9	21°57	T 6
W 7	21 0 49	14°16'20	20°14	19° 2	10°26	10° 7	27°19	5°59	1° 2	18°26	15°57	18° 5	17°46	16°16	22° 5	W 7
T 8	21 4 46	15°13'48	4♋ 1	18°16	10°39	10°45	27°31	5°57	1° 4	18°25	15°58	18° 0	17°42	16°23	22°13	T 8
F 9	21 8 42	16°11'18	18°16	17°29	10°55	11°24	27°42	5°54	1° 5	18°25	15°59	17°52	17°39	16°30	22°20	F 9
S 10	21 12 39	17° 8'49	2♌57	16°42	11°13	12° 2	27°53	5°52	1° 7	18°24	16° 0	17°42	17°36	16°36	22°28	S 10
S 11	21 16 35	18° 6'21	17°57	15°57	11°32	12°41	28° 4	5°50	1° 8	18°23	16° 0	17°31	17°33	16°43	22°36	S 11
M12	21 20 32	19° 3'54	3♍ 6	15°13	11°53	13°19	28°15	5°48	1°10	18°23	16° 1	17°20	17°30	16°50	22°44	M12
T 13	21 24 28	20° 1'28	18°15	14°31	12°16	13°58	28°26	5°45	1°12	18°22	16° 2	17°11	17°27	16°56	22°52	T 13
W14	21 28 25	20°59'02	3♎12	13°54	12°41	14°36	28°37	5°43	1°14	18°22	16° 2	17° 4	17°23	17° 3	23° 0	W14
T 15	21 32 22	21°56'38	17°50	13°20	13° 7	15°15	28°48	5°40	1°16	18°21	16° 3	16°59	17°20	17°10	23° 7	T 15
F 16	21 36 18	22°54'15	2♏ 6	12°52	13°35	15°53	28°59	5°37	1°17	18°21	16° 4	16°57	17°17	17°16	23°15	F 16
S 17	21 40 15	23°51'52	15°58	12°29	14° 4	16°31	29°10	5°35	1°19	18°20	16° 4	16°57	17°14	17°23	23°23	S 17
S 18	21 44 11	24°49'31	29°26	12°13	14°35	17°10	29°20	5°32	1°21	18°20	16° 5	16°57	17°11	17°30	23°31	S 18
M19	21 48 8	25°47'10	12♐34	12° 3	15° 7	17°48	29°30	5°29	1°23	18°19	16° 6	16°56	17° 7	17°37	23°39	M19
T 20	21 52 4	26°44'51	25°24	12°D 0	15°41	18°26	29°41	5°26	1°25	18°19	16° 6	16°53	17° 4	17°43	23°47	T 20
W21	21 56 1	27°42'32	8♑ 0	12° 5	16°15	19° 5	29°51	5°23	1°28	18°19	16° 7	16°48	17° 1	17°50	23°55	W21
T 22	21 59 57	28°40'15	20°24	12°17	16°51	19°43	0♋ 1	5°19	1°30	18°18	16° 7	16°40	16°58	17°57	24° 2	T 22
F 23	22 3 54	29°37'59	2♒38	12°36	17°29	20°21	0°11	5°16	1°32	18°18	16° 8	16°29	16°55	18° 3	24°10	F 23
S 24	22 7 51	0♍35'44	14°45	13° 3	18° 7	21° 0	0°21	5°13	1°34	18°18	16° 8	16°17	16°52	18°10	24°18	S 24
S 25	22 11 47	1°33'30	26°46	13°38	18°47	21°38	0°31	5° 9	1°36	18°18	16° 9	16° 4	16°48	18°17	24°26	S 25
M26	22 15 44	2°31'18	8♓42	14°20	19°27	22°16	0°41	5° 6	1°39	18°17	16° 9	15°51	16°45	18°24	24°34	M26
T 27	22 19 40	3°29'07	20°34	15° 9	20° 9	22°55	0°50	5° 2	1°41	18°17	16°10	15°39	16°42	18°30	24°42	T 27
W28	22 23 37	4°26'57	2♈24	16° 6	20°52	23°33	1° 0	4°59	1°44	18°17	16°10	15°30	16°39	18°37	24°49	W28
T 29	22 27 33	5°24'49	14°14	17° 9	21°36	24°11	1° 9	4°55	1°46	18°17	16°10	15°23	16°36	18°44	24°57	T 29
F 30	22 31 30	6°22'43	26° 8	18°19	22°20	24°49	1°18	4°51	1°48	18°17	16°11	15°19	16°33	18°50	25° 5	F 30
S 31	22 35 26	7♍20'39	8♉ 8	19♌35	23♋ 6	25♌27	1♋27	4♈47	1♏51	18°D17	16♊11	15♏17	16♏29	18♓57	25♌13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 7	5n20	3n25	9n44	4s26	16n46	6s18	19n46	1n 6	22n54	0s27	0n13	2s25	11s18	0n30	21s29	1n27	12n16	10s28	17s15	17s12	1s28	8n52	5s50
F 2	17 52	9 13	2 35	9 45	4 35	16 47	6 17	19 36	1 6	22 55	0 27	0 12	2 25	11 19	0 30	21 29	1 26	12 16	10 28	17 14	17 11	1 25	8 49	5 49
S 3	17 36	12 46	1 37	9 48	4 42	16 48	6 16	19 26	1 6	22 55	0 27	0 11	2 26	11 19	0 30	21 29	1 26	12 16	10 28	17 13	17 10	1 23	8 47	5 49
S 4	17 21	15 51	0 35	9 53	4 48	16 50	6 14	19 16	1 6	22 56	0 27	0 11	2 26	11 20	0 30	21 29	1 26	12 16	10 28	17 13	17 9	1 21	8 45	5 49
M 5	17 5	18 16	0s31	10 1	4 52	16 51	6 12	19 6	1 7	22 56	0 27	0 10	2 26	11 20	0 30	21 29	1 26	12 16	10 28	17 13	17 9	1 19	8 43	5 49
T 6	16 49	19 51	1 38	10 12	4 55	16 53	6 10	18 56	1 7	22 56	0 27	0 9	2 26	11 21	0 30	21 29	1 26	12 15	10 28	17 13	17 8	1 17	8 40	5 49
W 7	16 32	20 23	2 41	10 24	4 56	16 54	6 7	18 46	1 7	22 56	0 27	0 8	2 27	11 21	0 30	21 29	1 26	12 15	10 29	17 12	17 7	1 14	8 38	5 48
T 8	16 15	19 44	3 37	10 39	4 56	16 56	6 4	18 36	1 7	22 57	0 27	0 7	2 27	11 22	0 30	21 29	1 26	12 15	10 29	17 11	17 6	1 12	8 36	5 48
F 9	15 58	17 51	4 22	10 55	4 53	16 58	6 1	18 25	1 7	22 57	0 27	0 6	2 27	11 23	0 30	21 29	1 26	12 15	10 29	17 9	17 5	1 10	8 34	5 48
S 10	15 41	14 46	4 51	11 13	4 49	17 0	5 58	18 15	1 7	22 57	0 27	0 5	2 27	11 23	0 30	21 29	1 26	12 15	10 29	17 6	17 4	1 8	8 31	5 48
S 11	15 23	10 40	5 0	11 32	4 43	17 3	5 54	18 4	1 7	22 57	0 27	0 3	2 27	11 24	0 30	21 29	1 26	12 15	10 29	17 3	17 3	1 6	8 29	5 48
M12	15 6	5 51	4 49	11 52	4 35	17 5	5 50	17 53	1 8	22 58	0 27	0 2	2 28	11 24	0 30	21 29	1 26	12 15	10 29	17 0	17 2	1 4	8 26	5 48
T 13	14 48	0 41	4 18	12 13	4 26	17 7	5 46	17 42	1 8	22 58	0 27	0 1	2 28	11 25	0 30	21 29	1 26	12 15	10 30	16 57	17 1	1 1	8 24	5 48
W14	14 29	4s28	3 29	12 35	4 15	17 9	5 41	17 31	1 8	22 58	0 27	0s 0	2 28	11 26	0 30	21 29	1 26	12 15	10 30	16 55	17 1	0 59	8 22	5 47
T 15	14 11	9 16	2 27	12 56	4 2	17 11	5 37	17 20	1 8	22 58	0 27	0 1	2 28	11 26	0 30	21 29	1 26	12 15	10 30	16 54	17 0	0 57	8 19	5 47
F 16	13 52	13 25	1 18	13 17	3 48	17 13	5 32	17 9	1 8	22 58	0 27	0 3	2 29	11 27	0 30	21 29	1 26	12 15	10 30	16 53	16 59	0 55	8 17	5 47
S 17	13 33	16 41	0 5	13 38	3 33	17 15	5 27	16 57	1 8	22 58	0 27	0 4	2 29	11 28	0 30	21 29	1 26	12 14	10 30	16 53	16 58	0 53	8 15	5 47
S 18	13 14	18 57	1n 6	13 57	3 18	17 17	5 22	16 46	1 8	22 58	0 27	0 5	2 29	11 28	0 30	21 29	1 26	12 14	10 30	16 53	16 57	0 50	8 12	5 47
M19	12 55	20 7	2 11	14 16	3 1	17 19	5 17	16 34	1 9	22 59	0 27	0 7	2 29	11 29	0 29	21 29	1 26	12 14	10 31	16 53	16 56	0 48	8 10	5 47
T 20	12 35	20 12	3 8	14 33	2 44	17 20	5 12	16 23	1 9	22 59	0 27	0 8	2 30	11 30	0 29	21 29	1 26	12 14	10 31	16 52	16 55	0 46	8 7	5 47
W21	12 16	19 16	3 55	14 49	2 26	17 22	5 6	16 11	1 9	22 59	0 26	0 9	2 30	11 31	0 29	21 29	1 26	12 14	10 31	16 51	16 54	0 44	8 5	5 47
T 22	11 56	17 25	4 30	15 2	2 9	17 23	5 1	15 59	1 9	22 59	0 26	0 11	2 30	11 31	0 29	21 29	1 25	12 14	10 31	16 48	16 53	0 42	8 2	5 47
F 23	11 35	14 49	4 52	15 14	1 51	17 24	4 55	15 47	1 9	22 59	0 26	0 12	2 30	11 32	0 29	21 29	1 25	12 14	10 31	16 45	16 52	0 40	8 0	5 47
S 24	11 15	11 36	5 1	15 23	1 33	17 25	4 49	15 35	1 9	22 59	0 26	0 14	2 30	11 33	0 29	21 29	1 25	12 14	10 31	16 42	16 52	0 37	7 57	5 47
S 25	10 55	7 57	4 56	15 30	1 16	17 25	4 44	15 22	1 9	22 59	0 26	0 15	2 31	11 34	0 29	21 29	1 25	12 14	10 32	16 38	16 51	0 35	7 55	5 47
M26	10 34	4 1	4 38	15 35	0 59	17 26	4 38	15 10	1 9	22 59	0 26	0 17	2 31	11 35	0 29	21 29	1 25	12 13	10 32	16 34	16 50	0 33	7 52	5 47
T 27	10 13	0n 4	4 8	15 36	0 42	17 25	4 32	14 58	1 9	22 59	0 26	0 19	2 31	11 36	0 29	21 29	1 25	12 13	10 32	16 31	16 49	0 31	7 50	5 47
W28	9 52	4 7	3 27	15 35	0 26	17 25	4 26	14 45	1 9	22 59	0 26	0 20	2 31	11 36	0 29	21 29	1 25	12 13	10 32	16 28	16 48	0 29	7 47	5 47
T 29	9 31	8 1	2 37	15 30	0 11	17 25	4 20	14 33	1 10	22 59	0 26	0 22	2 31	11 37	0 29	21 29	1 25	12 13	10 32	16 26	16 47	0 26	7 45	5 47
F 30	9 10	11 38	1 40	15 23	0n 4	17 24	4 14	14 20	1 10	22 59	0 26	0 23	2 31	11 38	0 29	21 29	1 25	12 13	10 32	16 25	16 46	0 24	7 42	5 47
S 31	8n48	14n48	0n38	15n13	0n17	17n22	4s 8	14n 7	1n10	22n59	0s26	0s25	2s32	11s39	0n29	21s29	1n25	12n13	10s33	16s24	16s45	0s22	7n39	5s47

Julian Day Number = 2503986.5, Delta T = 117.36 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°44'48, Lahiri = 25°51'48

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2143
geocentric

SEPTEMBER 2143 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 39 23	8♍18'37	20♉19	20♌56	23♋52	26♌ 6	1♋36	4°R44	1♏54	18♐17	16♊12	15°D17	16♏26	19♓ 4	25♌21	S 1
M 2	22 43 20	9°16'36	2♊46	22°23	24°40	26°44	1°45	4♈40	1°56	18°17	16°12	15♏18	16°23	19°10	25°28	M 2
T 3	22 47 16	10°14'37	15°34	23°55	25°28	27°22	1°54	4°36	1°59	18°17	16°12	15°R18	16°20	19°17	25°36	T 3
W 4	22 51 13	11°12'40	28°47	25°31	26°17	28° 0	2° 3	4°32	2° 2	18°17	16°12	15°16	16°17	19°24	25°44	W 4
T 5	22 55 9	12°10'46	12♋28	27°11	27° 6	28°38	2°11	4°28	2° 4	18°17	16°13	15°13	16°13	19°31	25°51	T 5
F 6	22 59 6	13° 8'53	26°39	28°54	27°57	29°17	2°20	4°23	2° 7	18°18	16°13	15° 7	16°10	19°37	25°59	F 6
S 7	23 3 2	14° 7'01	11♌17	0♍41	28°48	29°55	2°28	4°19	2°10	18°18	16°13	14°59	16° 7	19°44	26° 7	S 7
S 8	23 6 59	15° 5'12	26°18	2°29	29°39	0♍33	2°36	4°15	2°13	18°18	16°13	14°50	16° 4	19°51	26°15	S 8
M 9	23 10 55	16° 3'25	11♍33	4°20	0♌32	1°11	2°44	4°11	2°15	18°18	16°13	14°42	16° 1	19°57	26°22	M 9
T 10	23 14 52	17° 1'39	26°51	6°12	1°25	1°49	2°52	4° 6	2°18	18°19	16°14	14°34	15°58	20° 4	26°30	T 10
W11	23 18 49	17°59'55	12♎ 0	8° 5	2°19	2°27	3° 0	4° 2	2°21	18°19	16°14	14°28	15°54	20°11	26°37	W11
T 12	23 22 45	18°58'12	26°53	9°59	3°13	3° 5	3° 7	3°58	2°24	18°19	16°14	14°25	15°51	20°17	26°45	T 12
F 13	23 26 42	19°56'32	11♏21	11°54	4° 8	3°43	3°15	3°53	2°27	18°20	16°14	14°D23	15°48	20°24	26°52	F 13
S 14	23 30 38	20°54'52	25°23	13°49	5° 3	4°21	3°22	3°49	2°30	18°20	16°14	14°24	15°45	20°31	27° 0	S 14
S 15	23 34 35	21°53'15	8♐57	15°43	5°59	4°59	3°29	3°44	2°33	18°21	16°14	14°25	15°42	20°37	27° 7	S 15
M16	23 38 31	22°51'39	22° 7	17°38	6°55	5°37	3°36	3°40	2°36	18°21	16°R14	14°R25	15°38	20°44	27°15	M16
T 17	23 42 28	23°50'04	4♑56	19°32	7°52	6°15	3°43	3°35	2°40	18°22	16°14	14°24	15°35	20°51	27°22	T 17
W18	23 46 24	24°48'31	17°26	21°26	8°49	6°54	3°49	3°31	2°43	18°22	16°14	14°22	15°32	20°58	27°30	W18
T 19	23 50 21	25°47'00	29°43	23°18	9°47	7°32	3°56	3°26	2°46	18°23	16°14	14°17	15°29	21° 4	27°37	T 19
F 20	23 54 17	26°45'30	11♒49	25°11	10°46	8°10	4° 2	3°21	2°49	18°24	16°14	14°11	15°26	21°11	27°44	F 20
S 21	23 58 14	27°44'02	23°48	27° 2	11°44	8°48	4° 9	3°17	2°52	18°24	16°14	14° 3	15°23	21°18	27°52	S 21
S 22	0 2 11	28°42'36	5♓43	28°53	12°44	9°25	4°15	3°12	2°56	18°25	16°14	13°54	15°19	21°24	27°59	S 22
M23	0 6 7	29°41'11	17°34	0♎42	13°43	10° 3	4°21	3° 8	2°59	18°26	16°13	13°45	15°16	21°31	28° 6	M23
T 24	0 10 4	0♎39'48	29°26	2°31	14°43	10°41	4°26	3° 3	3° 2	18°27	16°13	13°38	15°13	21°38	28°13	T 24
W25	0 14 0	1°38'28	11♈17	4°18	15°44	11°19	4°32	2°58	3° 5	18°27	16°13	13°32	15°10	21°44	28°20	W25
T 26	0 17 57	2°37'09	23°12	6° 5	16°44	11°57	4°37	2°54	3° 9	18°28	16°13	13°28	15° 7	21°51	28°27	T 26
F 27	0 21 53	3°35'52	5♉12	7°51	17°46	12°35	4°43	2°49	3°12	18°29	16°13	13°26	15° 4	21°58	28°35	F 27
S 28	0 25 50	4°34'38	17°19	9°36	18°47	13°13	4°48	2°44	3°16	18°30	16°12	13°D25	15° 0	22° 5	28°42	S 28
S 29	0 29 46	5°33'26	29°36	11°20	19°49	13°51	4°53	2°40	3°19	18°31	16°12	13°26	14°57	22°11	28°48	S 29
M30	0 33 43	6♎32'15	12♊ 7	13♎ 3	20♌51	14♍29	4♋57	2♈35	3♏22	18♐32	16♊12	13♏28	14♏54	22♓18	28♌55	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n27	17n23	0s27	14n59	0n30	17n21	4s 2	13n54	1n10	22n58	0s26	0s27	2s32	11s40	0n29	21s30	1n25	12n13	10s33	16s24	16s44	0s20	7n37	5s47
M 2	8 5	19 12	1 32	14 42	0 42	17 19	3 55	13 41	1 10	22 58	0 26	0 28	2 32	11 41	0 29	21 30	1 25	12 12	10 33	16 24	16 43	0 18	7 34	5 47
T 3	7 43	20 5	2 34	14 22	0 53	17 16	3 49	13 28	1 10	22 58	0 26	0 30	2 32	11 42	0 29	21 30	1 25	12 12	10 33	16 24	16 42	0 16	7 32	5 47
W 4	7 21	19 54	3 30	14 0	1 3	17 14	3 43	13 15	1 10	22 58	0 26	0 32	2 32	11 43	0 29	21 30	1 25	12 12	10 33	16 24	16 42	0 13	7 29	5 47
T 5	6 59	18 35	4 17	13 34	1 12	17 10	3 37	13 2	1 10	22 58	0 26	0 34	2 32	11 44	0 29	21 30	1 25	12 12	10 34	16 23	16 41	0 11	7 27	5 47
F 6	6 37	16 5	4 49	13 5	1 20	17 7	3 31	12 49	1 10	22 58	0 26	0 35	2 33	11 45	0 29	21 30	1 25	12 12	10 34	16 21	16 40	0 9	7 24	5 47
S 7	6 15	12 30	5 4	12 34	1 27	17 3	3 24	12 35	1 10	22 58	0 26	0 37	2 33	11 46	0 29	21 30	1 25	12 12	10 34	16 19	16 39	0 7	7 21	5 47
S 8	5 52	8 3	4 58	12 1	1 32	16 59	3 18	12 22	1 10	22 58	0 26	0 39	2 33	11 47	0 29	21 30	1 25	12 11	10 34	16 17	16 38	0 5	7 19	5 47
M 9	5 30	3 2	4 32	11 25	1 37	16 54	3 12	12 9	1 10	22 58	0 26	0 41	2 33	11 48	0 29	21 30	1 25	12 11	10 34	16 14	16 37	0 3	7 16	5 47
T 10	5 7	2s12	3 46	10 48	1 41	16 49	3 6	11 55	1 10	22 58	0 26	0 43	2 33	11 49	0 29	21 30	1 24	12 11	10 35	16 12	16 36	0 0	7 14	5 47
W11	4 44	7 16	2 44	10 8	1 44	16 43	2 59	11 41	1 11	22 57	0 26	0 44	2 33	11 50	0 29	21 30	1 24	12 11	10 35	16 10	16 35	0n 2	7 11	5 47
T 12	4 22	11 47	1 33	9 27	1 46	16 37	2 53	11 28	1 11	22 57	0 26	0 46	2 33	11 51	0 29	21 30	1 24	12 11	10 35	16 9	16 34	0 4	7 8	5 47
F 13	3 59	15 29	0 16	8 45	1 48	16 30	2 47	11 14	1 11	22 57	0 26	0 48	2 33	11 52	0 29	21 30	1 24	12 11	10 35	16 9	16 33	0 6	7 6	5 47
S 14	3 36	18 8	0n59	8 2	1 48	16 23	2 41	11 0	1 11	22 57	0 26	0 50	2 33	11 53	0 29	21 31	1 24	12 10	10 35	16 9	16 32	0 8	7 3	5 48
S 15	3 13	19 40	2 8	7 17	1 48	16 16	2 34	10 46	1 11	22 57	0 26	0 52	2 34	11 54	0 29	21 31	1 24	12 10	10 35	16 9	16 31	0 10	7 0	5 48
M16	2 50	20 3	3 9	6 32	1 47	16 8	2 28	10 32	1 11	22 57	0 26	0 54	2 34	11 55	0 29	21 31	1 24	12 10	10 36	16 9	16 31	0 12	6 58	5 48
T 17	2 27	19 22	3 58	5 46	1 46	16 0	2 22	10 18	1 11	22 56	0 26	0 56	2 34	11 56	0 29	21 31	1 24	12 10	10 36	16 9	16 30	0 15	6 55	5 48
W18	2 4	17 45	4 35	4 59	1 43	15 51	2 16	10 4	1 11	22 56	0 26	0 58	2 34	11 57	0 29	21 31	1 24	12 10	10 36	16 8	16 29	0 17	6 53	5 48
T 19	1 40	15 20	4 58	4 12	1 41	15 42	2 10	9 50	1 11	22 56	0 25	0 59	2 34	11 58	0 29	21 31	1 24	12 9	10 36	16 7	16 28	0 19	6 50	5 48
F 20	1 17	12 18	5 7	3 25	1 38	15 32	2 4	9 36	1 11	22 56	0 25	1 1	2 34	11 59	0 29	21 31	1 24	12 9	10 36	16 5	16 27	0 21	6 47	5 48
S 21	0 54	8 48	5 3	2 37	1 34	15 22	1 58	9 22	1 11	22 56	0 25	1 3	2 34	12 1	0 29	21 31	1 24	12 9	10 37	16 2	16 26	0 23	6 45	5 49
S 22	0 31	4 58	4 46	1 49	1 30	15 11	1 52	9 8	1 11	22 56	0 25	1 5	2 34	12 2	0 29	21 31	1 24	12 9	10 37	16 0	16 25	0 25	6 42	5 49
M23	0 7	0 58	4 16	1 2	1 26	15 0	1 46	8 53	1 11	22 56	0 25	1 7	2 34	12 3	0 29	21 31	1 24	12 9	10 37	15 57	16 24	0 27	6 39	5 49
T 24	0s16	3n 4	3 36	0 14	1 21	14 49	1 40	8 39	1 11	22 55	0 25	1 9	2 34	12 4	0 29	21 32	1 24	12 8	10 37	15 55	16 23	0 30	6 37	5 49
W25	0 39	7 0	2 45	0s33	1 16	14 37	1 34	8 24	1 11	22 55	0 25	1 11	2 34	12 5	0 29	21 32	1 24	12 8	10 37	15 53	16 22	0 32	6 34	5 49
T 26	1 2	10 41	1 48	1 20	1 11	14 24	1 28	8 10	1 11	22 55	0 25	1 13	2 34	12 6	0 28	21 32	1 24	12 8	10 38	15 52	16 21	0 34	6 32	5 50
F 27	1 26	13 57	0 45	2 7	1 5	14 11	1 23	7 56	1 11	22 55	0 25	1 15	2 34	12 7	0 28	21 32	1 24	12 8	10 38	15 51	16 20	0 36	6 29	5 50
S 28	1 49	16 39	0s21	2 54	0 59	13 58	1 17	7 41	1 11	22 55	0 25	1 16	2 34	12 9	0 28	21 32	1 24	12 8	10 38	15 51	16 19	0 38	6 26	5 50
S 29	2 12	18 38	1 27	3 40	0 53	13 44	1 11	7 26	1 11	22 55	0 25	1 18	2 34	12 10	0 28	21 32	1 23	12 7	10 38	15 52	16 19	0 40	6 24	5 50
M30	2s36	19n45	2s30	4s26	0n47	13n30	1s 6	7n12	1n11	22n54	0s25	1s20	2s34	12s11	0n28	21s32	1n23	12n 7	10s38	15s52	16s18	0n42	6n21	5s51

Julian Day Number = 2504017.5, Delta T = 117.42 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°44'52, Lahiri = 25°51'52

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ASTRODIENST EPHEMERIS for the year 2143
geocentric

OCTOBER 2143 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 37 40	7♎31'08	24♊56	14♎45	21♌54	15♍ 7	5♋ 2	2°R30	3♏26	18♐33	16°R12	13♏29	14♏51	22♓25	29♌ 2	T 1
W 2	0 41 36	8°30'02	8♋ 5	16°26	22°57	15°45	5° 6	2♈26	3°29	18°34	16♊11	13°R30	14°48	22°31	29° 9	W 2
T 3	0 45 33	9°28'59	21°39	18° 6	24° 0	16°23	5°10	2°21	3°33	18°35	16°11	13°29	14°44	22°38	29°16	T 3
F 4	0 49 29	10°27'58	5♌39	19°45	25° 4	17° 1	5°15	2°16	3°37	18°36	16°11	13°27	14°41	22°45	29°23	F 4
S 5	0 53 26	11°27'00	20° 4	21°24	26° 8	17°39	5°18	2°12	3°40	18°37	16°10	13°24	14°38	22°51	29°29	S 5
S 6	0 57 22	12°26'03	4♍51	23° 1	27°12	18°17	5°22	2° 7	3°44	18°38	16°10	13°20	14°35	22°58	29°36	S 6
M 7	1 1 19	13°25'09	19°54	24°38	28°16	18°54	5°26	2° 3	3°47	18°39	16° 9	13°15	14°32	23° 5	29°43	M 7
T 8	1 5 15	14°24'17	5♎ 5	26°14	29°21	19°32	5°29	1°58	3°51	18°41	16° 9	13°11	14°29	23°11	29°49	T 8
W 9	1 9 12	15°23'27	20°12	27°49	0♍26	20°10	5°32	1°54	3°54	18°42	16° 8	13° 9	14°25	23°18	29°56	W 9
T 10	1 13 9	16°22'39	5♏ 8	29°24	1°31	20°48	5°35	1°49	3°58	18°43	16° 8	13° 7	14°22	23°25	0♍ 2	T 10
F 11	1 17 5	17°21'53	19°43	0♏57	2°37	21°26	5°38	1°45	4° 2	18°44	16° 7	13°D 7	14°19	23°32	0° 8	F 11
S 12	1 21 2	18°21'09	3♐54	2°30	3°43	22° 4	5°40	1°40	4° 5	18°46	16° 7	13° 8	14°16	23°38	0°15	S 12
S 13	1 24 58	19°20'27	17°37	4° 3	4°49	22°42	5°43	1°36	4° 9	18°47	16° 6	13°10	14°13	23°45	0°21	S 13
M14	1 28 55	20°19'47	0♑54	5°34	5°55	23°19	5°45	1°32	4°13	18°48	16° 6	13°11	14°10	23°52	0°27	M14
T 15	1 32 51	21°19'08	13°47	7° 5	7° 2	23°57	5°47	1°28	4°16	18°50	16° 5	13°12	14° 6	23°58	0°33	T 15
W16	1 36 48	22°18'31	26°19	8°34	8° 8	24°35	5°49	1°23	4°20	18°51	16° 5	13°R12	14° 3	24° 5	0°39	W16
T 17	1 40 44	23°17'56	8♒35	10° 4	9°15	25°13	5°50	1°19	4°24	18°53	16° 4	13°11	14° 0	24°12	0°45	T 17
F 18	1 44 41	24°17'23	20°39	11°32	10°22	25°51	5°52	1°15	4°28	18°54	16° 3	13°10	13°57	24°18	0°51	F 18
S 19	1 48 37	25°16'51	2♓34	13° 0	11°30	26°29	5°53	1°11	4°31	18°56	16° 3	13° 7	13°54	24°25	0°57	S 19
S 20	1 52 34	26°16'21	14°26	14°27	12°37	27° 6	5°54	1° 7	4°35	18°57	16° 2	13° 4	13°50	24°32	1° 3	S 20
M21	1 56 31	27°15'53	26°16	15°53	13°45	27°44	5°55	1° 3	4°39	18°59	16° 1	13° 2	13°47	24°38	1° 8	M21
T 22	2 0 27	28°15'27	8♈ 9	17°18	14°53	28°22	5°55	0°59	4°42	19° 0	16° 1	13° 0	13°44	24°45	1°14	T 22
W23	2 4 24	29°15'03	20° 6	18°43	16° 1	29° 0	5°56	0°55	4°46	19° 2	16° 0	12°58	13°41	24°52	1°20	W23
T 24	2 8 20	0♏14'40	2♉ 9	20° 7	17° 9	29°37	5°56	0°52	4°50	19° 3	15°59	12°57	13°38	24°59	1°25	T 24
F 25	2 12 17	1°14'20	14°19	21°29	18°18	0♎15	5°R56	0°48	4°54	19° 5	15°58	12°D57	13°35	25° 5	1°30	F 25
S 26	2 16 13	2°14'02	26°40	22°51	19°27	0°53	5°56	0°44	4°58	19° 7	15°58	12°57	13°31	25°12	1°36	S 26
S 27	2 20 10	3°13'46	9♊11	24°12	20°36	1°31	5°55	0°41	5° 1	19° 8	15°57	12°58	13°28	25°19	1°41	S 27
M28	2 24 6	4°13'32	21°56	25°32	21°45	2° 8	5°55	0°37	5° 5	19°10	15°56	12°59	13°25	25°25	1°46	M28
T 29	2 28 3	5°13'21	4♋55	26°51	22°54	2°46	5°54	0°34	5° 9	19°12	15°55	12°59	13°22	25°32	1°51	T 29
W30	2 32 0	6°13'11	18°10	28° 9	24° 3	3°24	5°53	0°31	5°13	19°14	15°54	13° 0	13°19	25°39	1°56	W30
T 31	2 35 56	7♏13'04	1♌43	29♏25	25♍13	4♎ 2	5♋52	0♈27	5♏16	19♐15	15♊53	13°R 0	13♏15	25♓45	2♍ 1	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s59	19n52	3s27	5s11	0n40	13n15	1s 0	6n57	1n11	22n54	0s25	1s22	2s34	12s12	0n28	21s32	1n23	12n 7	10s38	15s52	16s17	0n45	6n19	5s51
W 2	3 22	18 56	4 15	5 56	0 34	13 0	0 55	6 42	1 11	22 54	0 25	1 24	2 34	12 13	0 28	21 33	1 23	12 7	10 39	15 53	16 16	0 47	6 16	5 51
T 3	3 45	16 54	4 50	6 40	0 27	12 44	0 49	6 28	1 11	22 54	0 25	1 26	2 34	12 15	0 28	21 33	1 23	12 7	10 39	15 52	16 15	0 49	6 14	5 51
F 4	4 8	13 50	5 10	7 24	0 20	12 28	0 44	6 13	1 11	22 54	0 25	1 27	2 34	12 16	0 28	21 33	1 23	12 6	10 39	15 52	16 14	0 51	6 11	5 52
S 5	4 32	9 52	5 11	8 8	0 14	12 12	0 39	5 58	1 11	22 54	0 25	1 29	2 34	12 17	0 28	21 33	1 23	12 6	10 39	15 51	16 13	0 53	6 8	5 52
S 6	4 55	5 12	4 51	8 50	0 7	11 55	0 33	5 43	1 11	22 54	0 25	1 31	2 34	12 18	0 28	21 33	1 23	12 6	10 39	15 50	16 12	0 55	6 6	5 52
M 7	5 18	0 8	4 11	9 33	0s 0	11 37	0 28	5 29	1 11	22 54	0 25	1 33	2 34	12 20	0 28	21 33	1 23	12 6	10 39	15 48	16 11	0 57	6 3	5 52
T 8	5 40	4s59	3 14	10 14	0 7	11 20	0 23	5 14	1 11	22 54	0 25	1 35	2 34	12 21	0 28	21 33	1 23	12 6	10 40	15 47	16 10	1 0	6 1	5 53
W 9	6 3	9 47	2 3	10 55	0 14	11 2	0 18	4 59	1 11	22 53	0 25	1 36	2 34	12 22	0 28	21 34	1 23	12 5	10 40	15 46	16 9	1 2	5 58	5 53
T 10	6 26	13 54	0 44	11 35	0 21	10 43	0 13	4 44	1 11	22 53	0 25	1 38	2 34	12 23	0 28	21 34	1 23	12 5	10 40	15 46	16 8	1 4	5 56	5 53
F 11	6 49	17 4	0n36	12 15	0 29	10 24	0 8	4 29	1 11	22 53	0 25	1 40	2 34	12 24	0 28	21 34	1 23	12 5	10 40	15 46	16 7	1 6	5 53	5 54
S 12	7 11	19 5	1 52	12 53	0 36	10 5	0 3	4 14	1 11	22 53	0 25	1 42	2 34	12 26	0 28	21 34	1 23	12 5	10 40	15 46	16 6	1 8	5 51	5 54
S 13	7 34	19 53	2 59	13 31	0 43	9 46	0n 1	3 59	1 11	22 53	0 25	1 43	2 34	12 27	0 28	21 34	1 23	12 4	10 40	15 47	16 5	1 10	5 48	5 54
M14	7 56	19 31	3 54	14 9	0 50	9 26	0 6	3 44	1 11	22 53	0 25	1 45	2 34	12 28	0 28	21 34	1 23	12 4	10 41	15 47	16 4	1 12	5 46	5 55
T 15	8 18	18 9	4 35	14 45	0 57	9 5	0 11	3 29	1 11	22 53	0 25	1 46	2 34	12 29	0 28	21 35	1 23	12 4	10 41	15 47	16 4	1 14	5 44	5 55
W16	8 41	15 56	5 2	15 21	1 3	8 45	0 15	3 14	1 11	22 53	0 24	1 48	2 34	12 31	0 28	21 35	1 23	12 4	10 41	15 47	16 3	1 16	5 41	5 55
T 17	9 3	13 2	5 14	15 56	1 10	8 24	0 19	2 59	1 11	22 53	0 24	1 50	2 34	12 32	0 28	21 35	1 23	12 4	10 41	15 47	16 2	1 19	5 39	5 56
F 18	9 25	9 39	5 13	16 30	1 17	8 2	0 24	2 44	1 11	22 53	0 24	1 51	2 34	12 33	0 28	21 35	1 23	12 3	10 41	15 47	16 1	1 21	5 36	5 56
S 19	9 46	5 55	4 58	17 3	1 24	7 41	0 28	2 29	1 11	22 53	0 24	1 53	2 34	12 35	0 28	21 35	1 23	12 3	10 41	15 46	16 0	1 23	5 34	5 57
S 20	10 8	1 58	4 30	17 36	1 30	7 19	0 32	2 14	1 11	22 53	0 24	1 54	2 34	12 36	0 28	21 35	1 22	12 3	10 41	15 45	15 59	1 25	5 32	5 57
M21	10 29	2n 3	3 50	18 7	1 37	6 56	0 36	1 59	1 11	22 53	0 24	1 56	2 33	12 37	0 28	21 36	1 22	12 3	10 42	15 44	15 58	1 27	5 29	5 57
T 22	10 51	6 0	3 1	18 38	1 43	6 34	0 40	1 44	1 11	22 53	0 24	1 57	2 33	12 38	0 28	21 36	1 22	12 3	10 42	15 44	15 57	1 29	5 27	5 58
W23	11 12	9 45	2 3	19 7	1 49	6 11	0 44	1 29	1 11	22 53	0 24	1 59	2 33	12 40	0 28	21 36	1 22	12 2	10 42	15 43	15 56	1 31	5 25	5 58
T 24	11 33	13 8	1 0	19 36	1 55	5 48	0 48	1 14	1 11	22 53	0 24	2 0	2 33	12 41	0 28	21 36	1 22	12 2	10 42	15 43	15 55	1 33	5 22	5 58
F 25	11 54	16 0	0s 8	20 4	2 1	5 25	0 51	0 59	1 10	22 53	0 24	2 1	2 33	12 42	0 28	21 36	1 22	12 2	10 42	15 43	15 54	1 35	5 20	5 59
S 26	12 14	18 10	1 15	20 30	2 6	5 1	0 55	0 44	1 10	22 53	0 24	2 3	2 33	12 43	0 28	21 36	1 22	12 2	10 42	15 43	15 53	1 38	5 18	5 59
S 27	12 35	19 30	2 21	20 56	2 11	4 37	0 58	0 29	1 10	22 53	0 24	2 4	2 33	12 45	0 28	21 37	1 22	12 2	10 42	15 43	15 52	1 40	5 15	6 0
M28	12 55	19 51	3 20	21 20	2 16	4 13	1 2	0 13	1 10	22 53	0 24	2 5	2 33	12 46	0 28	21 37	1 22	12 1	10 42	15 43	15 51	1 42	5 13	6 0
T 29	13 15	19 10	4 10	21 44	2 21	3 49	1 5	0s 2	1 10	22 53	0 24	2 6	2 32	12 47	0 28	21 37	1 22	12 1	10 43	15 43	15 50	1 44	5 11	6 1
W30	13 35	17 25	4 48	22 6	2 26	3 24	1 8	0 17	1 10	22 54	0 24	2 8	2 32	12 48	0 28	21 37	1 22	12 1	10 43	15 44	15 49	1 46	5 9	6 1
T 31	13s55	14n42	5s11	22s27	2s30	3n 0	1n11	0s32	1n10	22n54	0s24	2s 9	2s32	12s50	0n28	21s37	1n22	12n 1	10s43	15s44	15s48	1n48	5n 7	6s 2

Julian Day Number = 2504047.5, Delta T = 117.47 sec
Ecliptic obliquity = 23°25'08, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°44'56, Lahiri = 25°51'56

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ASTRODIENST EPHEMERIS for the year 2143
geocentric

NOVEMBER 2143 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 39 53	8♏12'59	15♌35	0♐40	26♍23	4♎39	5°R50	0°R24	5♏20	19♐17	15°R53	13°R 0	13♏12	25♓52	2♍ 6	F 1
S 2	2 43 49	9°12'56	29°45	1°53	27°32	5°17	5♋49	0♈21	5°24	19°19	15♊52	13♏ 0	13° 9	25°59	2°11	S 2
S 3	2 47 46	10°12'55	14♍12	3° 4	28°43	5°55	5°47	0°18	5°28	19°21	15°51	13° 0	13° 6	26° 5	2°16	S 3
M 4	2 51 42	11°12'57	28°52	4°14	29°53	6°32	5°45	0°15	5°31	19°23	15°50	13° 0	13° 3	26°12	2°20	M 4
T 5	2 55 39	12°13'00	13♎39	5°21	1♎ 3	7°10	5°43	0°12	5°35	19°25	15°49	12°59	13° 0	26°19	2°25	T 5
W 6	2 59 35	13°13'06	28°28	6°27	2°13	7°48	5°40	0° 9	5°39	19°27	15°48	12°D59	12°56	26°25	2°29	W 6
T 7	3 3 32	14°13'13	13♏11	7°29	3°24	8°26	5°38	0° 7	5°43	19°28	15°47	12°R59	12°53	26°32	2°34	T 7
F 8	3 7 29	15°13'23	27°40	8°29	4°35	9° 3	5°35	0° 4	5°46	19°30	15°46	12°59	12°50	26°39	2°38	F 8
S 9	3 11 25	16°13'34	11♐49	9°25	5°46	9°41	5°32	0° 2	5°50	19°32	15°45	12°59	12°47	26°46	2°42	S 9
S 10	3 15 22	17°13'47	25°36	10°18	6°57	10°19	5°29	29♓59	5°54	19°34	15°44	12°59	12°44	26°52	2°46	S 10
M11	3 19 18	18°14'01	8♑59	11° 7	8° 8	10°56	5°25	29°57	5°58	19°36	15°43	12°58	12°41	26°59	2°50	M11
T 12	3 23 15	19°14'17	21°57	11°51	9°19	11°34	5°22	29°55	6° 1	19°38	15°42	12°57	12°37	27° 6	2°54	T 12
W13	3 27 11	20°14'35	4♒34	12°30	10°30	12°11	5°18	29°52	6° 5	19°40	15°41	12°57	12°34	27°12	2°58	W13
T 14	3 31 8	21°14'54	16°53	13° 3	11°42	12°49	5°14	29°50	6° 9	19°42	15°40	12°D57	12°31	27°19	3° 2	T 14
F 15	3 35 4	22°15'14	28°57	13°30	12°53	13°27	5°10	29°49	6°12	19°44	15°39	12°57	12°28	27°26	3° 5	F 15
S 16	3 39 1	23°15'36	10♓52	13°49	14° 5	14° 4	5° 5	29°47	6°16	19°46	15°38	12°57	12°25	27°32	3° 9	S 16
S 17	3 42 58	24°15'59	22°43	14° 1	15°17	14°42	5° 1	29°45	6°20	19°49	15°37	12°58	12°21	27°39	3°12	S 17
M18	3 46 54	25°16'23	4♈34	14°R 5	16°28	15°20	4°56	29°43	6°23	19°51	15°36	12°59	12°18	27°46	3°16	M18
T 19	3 50 51	26°16'49	16°28	13°59	17°40	15°57	4°51	29°42	6°27	19°53	15°35	13° 1	12°15	27°52	3°19	T 19
W20	3 54 47	27°17'16	28°30	13°43	18°52	16°35	4°46	29°40	6°30	19°55	15°34	13° 2	12°12	27°59	3°22	W20
T 21	3 58 44	28°17'45	10♉43	13°17	20° 5	17°12	4°41	29°39	6°34	19°57	15°33	13°R 2	12° 9	28° 6	3°25	T 21
F 22	4 2 40	29°18'15	23° 8	12°41	21°17	17°50	4°36	29°38	6°38	19°59	15°32	13° 2	12° 6	28°12	3°28	F 22
S 23	4 6 37	0♐18'47	5♊46	11°54	22°29	18°27	4°30	29°37	6°41	20° 1	15°31	13° 1	12° 2	28°19	3°31	S 23
S 24	4 10 33	1°19'20	18°39	10°57	23°42	19° 5	4°25	29°36	6°45	20° 3	15°30	12°59	11°59	28°26	3°33	S 24
M25	4 14 30	2°19'55	1♋46	9°52	24°54	19°42	4°19	29°35	6°48	20° 6	15°28	12°56	11°56	28°32	3°36	M25
T 26	4 18 27	3°20'32	15° 6	8°38	26° 7	20°20	4°13	29°34	6°52	20° 8	15°27	12°53	11°53	28°39	3°39	T 26
W27	4 22 23	4°21'10	28°39	7°20	27°19	20°57	4° 7	29°33	6°55	20°10	15°26	12°50	11°50	28°46	3°41	W27
T 28	4 26 20	5°21'50	12♌23	5°58	28°32	21°35	4° 1	29°33	6°59	20°12	15°25	12°47	11°47	28°53	3°43	T 28
F 29	4 30 16	6°22'31	26°17	4°36	29°45	22°12	3°54	29°32	7° 2	20°14	15°24	12°46	11°43	28°59	3°46	F 29
S 30	4 34 13	7♐23'14	10♍20	3♐17	0♏58	22♎50	3♋48	29♓32	7♏ 5	20♐17	15♊23	12°D46	11♏40	29♓ 6	3♍48	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s14	11n 6	5s17	22s47	2s34	2n35	1n14	0s47	1n10	22n54	0s24	2s10	2s32	12s51	0n28	21s37	1n22	12n 1	10s43	15s44	15s47	1n50	5n 5	6s 2
S 2	14 33	6 48	5 4	23 5	2 37	2 10	1 17	1 2	1 10	22 54	0 24	2 11	2 32	12 52	0 28	21 38	1 22	12 0	10 43	15 44	15 46	1 52	5 2	6 2
S 3	14 52	2 2	4 32	23 23	2 40	1 44	1 20	1 17	1 10	22 54	0 24	2 12	2 32	12 53	0 28	21 38	1 22	12 0	10 43	15 44	15 45	1 54	5 0	6 3
M 4	15 11	2s56	3 41	23 39	2 43	1 19	1 23	1 32	1 10	22 54	0 24	2 13	2 32	12 55	0 28	21 38	1 22	12 0	10 43	15 44	15 44	1 56	4 58	6 3
T 5	15 29	7 47	2 36	23 53	2 45	0 53	1 26	1 47	1 10	22 54	0 23	2 14	2 31	12 56	0 28	21 38	1 22	12 0	10 43	15 43	15 44	1 59	4 56	6 4
W 6	15 48	12 10	1 20	24 6	2 47	0 28	1 28	2 2	1 9	22 54	0 23	2 15	2 31	12 57	0 28	21 38	1 22	12 0	10 43	15 43	15 43	2 1	4 54	6 4
T 7	16 6	15 46	0n 1	24 18	2 48	0 2	1 31	2 17	1 9	22 55	0 23	2 16	2 31	12 58	0 28	21 39	1 22	12 0	10 43	15 43	15 42	2 3	4 52	6 5
F 8	16 23	18 19	1 21	24 28	2 49	0s24	1 33	2 31	1 9	22 55	0 23	2 17	2 31	13 0	0 28	21 39	1 22	11 59	10 44	15 43	15 41	2 5	4 50	6 5
S 9	16 41	19 39	2 33	24 37	2 48	0 50	1 35	2 46	1 9	22 55	0 23	2 18	2 31	13 1	0 28	21 39	1 22	11 59	10 44	15 43	15 40	2 7	4 48	6 6
S 10	16 58	19 46	3 35	24 44	2 47	1 16	1 37	3 1	1 9	22 55	0 23	2 18	2 31	13 2	0 28	21 39	1 22	11 59	10 44	15 43	15 39	2 9	4 46	6 6
M11	17 15	18 44	4 23	24 49	2 46	1 42	1 39	3 16	1 9	22 55	0 23	2 19	2 30	13 3	0 28	21 39	1 22	11 59	10 44	15 43	15 38	2 11	4 45	6 7
T 12	17 31	16 45	4 56	24 53	2 43	2 8	1 41	3 31	1 9	22 56	0 23	2 20	2 30	13 5	0 28	21 39	1 22	11 59	10 44	15 43	15 37	2 13	4 43	6 7
W13	17 47	14 1	5 14	24 55	2 40	2 35	1 43	3 46	1 9	22 56	0 23	2 21	2 30	13 6	0 28	21 40	1 22	11 59	10 44	15 43	15 36	2 15	4 41	6 8
T 14	18 3	10 44	5 17	24 54	2 35	3 1	1 45	4 0	1 9	22 56	0 23	2 21	2 30	13 7	0 28	21 40	1 22	11 58	10 44	15 43	15 35	2 17	4 39	6 8
F 15	18 19	7 3	5 5	24 52	2 29	3 27	1 46	4 15	1 8	22 56	0 23	2 22	2 30	13 8	0 28	21 40	1 22	11 58	10 44	15 43	15 34	2 19	4 37	6 9
S 16	18 34	3 9	4 41	24 48	2 22	3 54	1 48	4 30	1 8	22 57	0 23	2 22	2 29	13 9	0 28	21 40	1 22	11 58	10 44	15 43	15 33	2 21	4 36	6 9
S 17	18 49	0n51	4 4	24 41	2 14	4 20	1 49	4 44	1 8	22 57	0 23	2 23	2 29	13 11	0 28	21 40	1 22	11 58	10 44	15 43	15 32	2 24	4 34	6 10
M18	19 4	4 50	3 17	24 32	2 4	4 46	1 50	4 59	1 8	22 57	0 22	2 23	2 29	13 12	0 28	21 41	1 22	11 58	10 44	15 43	15 31	2 26	4 32	6 10
T 19	19 18	8 39	2 22	24 20	1 53	5 13	1 52	5 14	1 8	22 57	0 22	2 24	2 29	13 13	0 28	21 41	1 21	11 58	10 44	15 44	15 30	2 28	4 31	6 11
W20	19 32	12 10	1 20	24 5	1 40	5 39	1 53	5 28	1 8	22 58	0 22	2 24	2 29	13 14	0 28	21 41	1 21	11 57	10 44	15 44	15 29	2 30	4 29	6 12
T 21	19 46	15 14	0 13	23 48	1 26	6 5	1 54	5 43	1 8	22 58	0 22	2 25	2 28	13 15	0 28	21 41	1 21	11 57	10 44	15 44	15 28	2 32	4 27	6 12
F 22	19 59	17 39	0s56	23 27	1 10	6 31	1 55	5 57	1 7	22 58	0 22	2 25	2 28	13 17	0 28	21 41	1 21	11 57	10 44	15 44	15 27	2 34	4 26	6 13
S 23	20 12	19 14	2 2	23 4	0 53	6 57	1 56	6 11	1 7	22 58	0 22	2 25	2 28	13 18	0 28	21 41	1 21	11 57	10 44	15 44	15 26	2 36	4 24	6 13
S 24	20 24	19 52	3 4	22 38	0 34	7 23	1 56	6 26	1 7	22 59	0 22	2 25	2 28	13 19	0 28	21 42	1 21	11 57	10 44	15 43	15 25	2 38	4 23	6 14
M25	20 37	19 27	3 57	22 9	0 15	7 49	1 57	6 40	1 7	22 59	0 22	2 25	2 28	13 20	0 28	21 42	1 21	11 57	10 44	15 42	15 24	2 40	4 21	6 14
T 26	20 48	17 57	4 39	21 38	0n 6	8 15	1 57	6 54	1 7	22 59	0 22	2 26	2 27	13 21	0 28	21 42	1 21	11 57	10 44	15 41	15 23	2 42	4 20	6 15
W27	21 0	15 26	5 5	21 5	0 26	8 41	1 58	7 9	1 7	23 0	0 22	2 26	2 27	13 22	0 28	21 42	1 21	11 57	10 44	15 41	15 22	2 44	4 19	6 15
T 28	21 11	12 2	5 15	20 31	0 47	9 6	1 58	7 23	1 6	23 0	0 22	2 26	2 27	13 23	0 28	21 42	1 21	11 56	10 44	15 40	15 21	2 46	4 17	6 16
F 29	21 21	7 56	5 6	19 57	1 6	9 32	1 58	7 37	1 6	23 0	0 21	2 26	2 27	13 25	0 28	21 43	1 21	11 56	10 44	15 39	15 20	2 48	4 16	6 17
S 30	21s31	3n22	4s39	19s25	1n25	9s57	1n59	7s51	1n 6	23n 0	0s21	2s26	2s27	13s26	0n28	21s43	1n21	11n56	10s44	15s39	15s19	2n50	4n15	6s17

Julian Day Number = 2504078.5, Delta T = 117.53 sec
Ecliptic obliquity = 23°25'07, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°45'00, Lahiri = 25°52'01

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ASTRODIENST EPHEMERIS for the year 2143
geocentric

DECEMBER 2143 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 38 9	8♐23'58	24♍32	2°R 2	2♏11	23♎27	3°R41	29°R31	7♏ 9	20♐19	15°R22	12♏46	11♏37	29♓13	3♍50	S 1
M 2	4 42 6	9°24'44	8♎49	0♐55	3°24	24° 5	3♋34	29♓31	7°12	20°21	15♊21	12°48	11°34	29°19	3°51	M 2
T 3	4 46 2	10°25'32	23° 9	29♏57	4°37	24°42	3°27	29°D31	7°15	20°23	15°19	12°49	11°31	29°26	3°53	T 3
W 4	4 49 59	11°26'21	7♏29	29° 9	5°50	25°20	3°20	29°31	7°19	20°25	15°18	12°R50	11°27	29°33	3°55	W 4
T 5	4 53 56	12°27'12	21°46	28°33	7° 4	25°57	3°13	29°31	7°22	20°28	15°17	12°50	11°24	29°39	3°56	T 5
F 6	4 57 52	13°28'03	5♐54	28° 8	8°17	26°35	3° 6	29°32	7°25	20°30	15°16	12°48	11°21	29°46	3°58	F 6
S 7	5 1 49	14°28'56	19°49	27°55	9°30	27°12	2°59	29°32	7°29	20°32	15°15	12°45	11°18	29°53	3°59	S 7
S 8	5 5 45	15°29'51	3♑28	27°D52	10°44	27°50	2°51	29°32	7°32	20°34	15°14	12°40	11°15	29°59	4° 0	S 8
M 9	5 9 42	16°30'46	16°47	28° 0	11°57	28°27	2°44	29°33	7°35	20°37	15°12	12°34	11°12	0♈ 6	4° 1	M 9
T 10	5 13 38	17°31'42	29°46	28°18	13°11	29° 4	2°36	29°34	7°38	20°39	15°11	12°28	11° 8	0°13	4° 2	T 10
W11	5 17 35	18°32'38	12♒24	28°44	14°24	29°42	2°28	29°35	7°41	20°41	15°10	12°23	11° 5	0°19	4° 3	W11
T 12	5 21 31	19°33'36	24°45	29°18	15°38	0♏19	2°21	29°35	7°44	20°44	15° 9	12°18	11° 2	0°26	4° 4	T 12
F 13	5 25 28	20°34'34	6♓50	29°59	16°52	0°56	2°13	29°36	7°47	20°46	15° 8	12°15	10°59	0°33	4° 5	F 13
S 14	5 29 25	21°35'32	18°46	0♐46	18° 6	1°34	2° 5	29°38	7°50	20°48	15° 7	12°D14	10°56	0°39	4° 5	S 14
S 15	5 33 21	22°36'31	0♈36	1°38	19°19	2°11	1°57	29°39	7°53	20°50	15° 6	12°14	10°53	0°46	4° 6	S 15
M16	5 37 18	23°37'31	12°27	2°35	20°33	2°48	1°49	29°40	7°56	20°53	15° 4	12°16	10°49	0°53	4° 6	M16
T 17	5 41 14	24°38'32	24°22	3°37	21°47	3°26	1°41	29°42	7°59	20°55	15° 3	12°17	10°46	0°59	4° 6	T 17
W18	5 45 11	25°39'32	6♉27	4°42	23° 1	4° 3	1°33	29°43	8° 2	20°57	15° 2	12°R19	10°43	1° 6	4°R 6	W18
T 19	5 49 7	26°40'34	18°45	5°50	24°15	4°40	1°25	29°45	8° 5	20°59	15° 1	12°19	10°40	1°13	4° 6	T 19
F 20	5 53 4	27°41'36	1♊21	7° 1	25°29	5°17	1°17	29°47	8° 7	21° 2	15° 0	12°17	10°37	1°19	4° 6	F 20
S 21	5 57 0	28°42'38	14°16	8°15	26°43	5°55	1° 9	29°48	8°10	21° 4	14°59	12°13	10°33	1°26	4° 6	S 21
S 22	6 0 57	29°43'41	27°31	9°31	27°57	6°32	1° 0	29°50	8°13	21° 6	14°58	12° 6	10°30	1°33	4° 5	S 22
M23	6 4 54	0♑44'45	11♋ 4	10°48	29°11	7° 9	0°52	29°53	8°15	21° 8	14°57	11°58	10°27	1°39	4° 5	M23
T 24	6 8 50	1°45'49	24°52	12° 7	0♐25	7°46	0°44	29°55	8°18	21°11	14°56	11°50	10°24	1°46	4° 4	T 24
W25	6 12 47	2°46'54	8♌52	13°28	1°40	8°23	0°36	29°57	8°21	21°13	14°54	11°41	10°21	1°53	4° 4	W25
T 26	6 16 43	3°48'00	22°59	14°50	2°54	9° 0	0°28	29°59	8°23	21°15	14°53	11°34	10°18	2° 0	4° 3	T 26
F 27	6 20 40	4°49'06	7♍10	16°13	4° 8	9°38	0°20	0♈ 2	8°26	21°17	14°52	11°28	10°14	2° 6	4° 2	F 27
S 28	6 24 36	5°50'12	21°21	17°37	5°22	10°15	0°12	0° 4	8°28	21°20	14°51	11°25	10°11	2°13	4° 1	S 28
S 29	6 28 33	6°51'20	5♎30	19° 2	6°37	10°52	0° 4	0° 7	8°31	21°22	14°50	11°D24	10° 8	2°20	4° 0	S 29
M30	6 32 30	7°52'28	19°34	20°28	7°51	11°29	29♊56	0°10	8°33	21°24	14°49	11°24	10° 5	2°26	3°58	M30
T 31	6 36 26	8♑53'36	3♏34	21♐54	9♐ 5	12♏ 6	29♊48	0♈13	8♏35	21♐26	14♊48	11♏25	10♏ 2	2♈33	3♍57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s41	1s26	3s55	18s54	1n41	10s22	1n59	8s 5	1n 6	23n 1	0s21	2s26	2s26	13s27	0n28	21s43	1n21	11n56	10s44	15s40	15s18	2n52	4n13	6s18
M 2	21 51	6 11	2 56	18 26	1 56	10 47	1 59	8 19	1 6	23 1	0 21	2 25	2 26	13 28	0 28	21 43	1 21	11 56	10 44	15 40	15 17	2 55	4 12	6 18
T 3	22 0	10 38	1 46	18 1	2 9	11 11	1 58	8 33	1 5	23 1	0 21	2 25	2 26	13 29	0 28	21 43	1 21	11 56	10 44	15 40	15 16	2 57	4 11	6 19
W 4	22 8	14 28	0 29	17 41	2 20	11 36	1 58	8 47	1 5	23 2	0 21	2 25	2 26	13 30	0 28	21 43	1 21	11 56	10 44	15 41	15 15	2 59	4 10	6 19
T 5	22 16	17 24	0n49	17 25	2 28	12 0	1 58	9 0	1 5	23 2	0 21	2 25	2 25	13 31	0 28	21 44	1 21	11 56	10 44	15 41	15 14	3 1	4 9	6 20
F 6	22 24	19 15	2 3	17 13	2 34	12 24	1 58	9 14	1 5	23 2	0 21	2 24	2 25	13 32	0 28	21 44	1 21	11 56	10 44	15 40	15 13	3 3	4 8	6 20
S 7	22 31	19 54	3 9	17 6	2 39	12 48	1 57	9 28	1 5	23 2	0 21	2 24	2 25	13 33	0 28	21 44	1 21	11 56	10 44	15 39	15 12	3 5	4 7	6 21
S 8	22 38	19 21	4 2	17 3	2 41	13 11	1 57	9 41	1 4	23 3	0 21	2 24	2 25	13 34	0 28	21 44	1 21	11 55	10 44	15 38	15 11	3 7	4 6	6 22
M 9	22 44	17 43	4 41	17 4	2 42	13 34	1 56	9 55	1 4	23 3	0 20	2 23	2 24	13 35	0 28	21 44	1 21	11 55	10 44	15 36	15 10	3 9	4 5	6 22
T 10	22 50	15 14	5 4	17 8	2 41	13 57	1 55	10 8	1 4	23 3	0 20	2 23	2 24	13 36	0 28	21 44	1 21	11 55	10 44	15 34	15 9	3 11	4 4	6 23
W11	22 55	12 5	5 11	17 16	2 40	14 20	1 54	10 22	1 4	23 4	0 20	2 22	2 24	13 37	0 28	21 45	1 21	11 55	10 44	15 32	15 8	3 13	4 3	6 23
T 12	23 0	8 29	5 4	17 26	2 37	14 42	1 53	10 35	1 4	23 4	0 20	2 22	2 24	13 38	0 28	21 45	1 21	11 55	10 44	15 31	15 7	3 15	4 2	6 24
F 13	23 5	4 36	4 43	17 38	2 33	15 4	1 52	10 48	1 3	23 4	0 20	2 21	2 24	13 39	0 28	21 45	1 21	11 55	10 44	15 30	15 7	3 17	4 2	6 24
S 14	23 9	0 36	4 11	17 53	2 28	15 25	1 51	11 1	1 3	23 4	0 20	2 20	2 23	13 40	0 28	21 45	1 21	11 55	10 44	15 30	15 6	3 19	4 1	6 25
S 15	23 13	3n25	3 27	18 9	2 23	15 46	1 50	11 14	1 3	23 5	0 20	2 20	2 23	13 41	0 28	21 45	1 21	11 55	10 44	15 30	15 5	3 21	4 0	6 26
M16	23 16	7 18	2 35	18 26	2 17	16 7	1 49	11 27	1 3	23 5	0 20	2 19	2 23	13 42	0 28	21 45	1 21	11 55	10 44	15 30	15 4	3 23	4 0	6 26
T 17	23 19	10 55	1 36	18 44	2 10	16 28	1 48	11 40	1 2	23 5	0 19	2 18	2 23	13 43	0 28	21 46	1 21	11 55	10 44	15 31	15 3	3 25	3 59	6 27
W18	23 21	14 9	0 32	19 2	2 3	16 48	1 46	11 53	1 2	23 5	0 19	2 17	2 22	13 44	0 28	21 46	1 21	11 55	10 44	15 31	15 2	3 27	3 59	6 27
T 19	23 23	16 50	0s35	19 21	1 56	17 7	1 45	12 6	1 2	23 6	0 19	2 17	2 22	13 45	0 28	21 46	1 21	11 55	10 44	15 31	15 1	3 29	3 58	6 28
F 20	23 24	18 46	1 41	19 40	1 49	17 26	1 44	12 18	1 2	23 6	0 19	2 16	2 22	13 46	0 28	21 46	1 21	11 55	10 43	15 30	15 0	3 31	3 58	6 28
S 21	23 25	19 47	2 44	20 0	1 41	17 45	1 42	12 31	1 1	23 6	0 19	2 15	2 22	13 46	0 28	21 46	1 21	11 55	10 43	15 29	14 59	3 33	3 57	6 29
S 22	23 25	19 44	3 39	20 19	1 33	18 3	1 40	12 43	1 1	23 6	0 19	2 14	2 22	13 47	0 28	21 46	1 21	11 55	10 43	15 27	14 58	3 35	3 57	6 29
M23	23 25	18 35	4 24	20 38	1 26	18 21	1 39	12 56	1 1	23 6	0 19	2 13	2 21	13 48	0 28	21 46	1 21	11 55	10 43	15 25	14 57	3 37	3 56	6 30
T 24	23 24	16 19	4 53	20 57	1 18	18 38	1 37	13 8	1 0	23 7	0 18	2 12	2 21	13 49	0 28	21 47	1 21	11 55	10 43	15 22	14 56	3 39	3 56	6 31
W25	23 23	13 6	5 6	21 15	1 10	18 55	1 35	13 20	1 0	23 7	0 18	2 10	2 21	13 50	0 28	21 47	1 21	11 55	10 43	15 20	14 55	3 41	3 56	6 31
T 26	23 22	9 6	5 1	21 32	1 2	19 12	1 33	13 33	1 0	23 7	0 18	2 9	2 21	13 51	0 28	21 47	1 21	11 55	10 43	15 17	14 54	3 43	3 56	6 32
F 27	23 20	4 35	4 37	21 49	0 54	19 27	1 31	13 45	0 59	23 7	0 18	2 8	2 20	13 51	0 28	21 47	1 21	11 55	10 43	15 16	14 53	3 45	3 56	6 32
S 28	23 17	0s11	3 56	22 5	0 46	19 43	1 29	13 57	0 59	23 7	0 18	2 7	2 20	13 52	0 28	21 47	1 21	11 55	10 43	15 15	14 52	3 47	3 56	6 33
S 29	23 14	4 56	3 0	22 20	0 38	19 57	1 27	14 8	0 59	23 7	0 18	2 6	2 20	13 53	0 28	21 47	1 21	11 55	10 42	15 14	14 51	3 49	3 55	6 33
M30	23 11	9 25	1 54	22 35	0 30	20 12	1 25	14 20	0 58	23 8	0 18	2 4	2 20	13 54	0 28	21 47	1 21	11 55	10 42	15 14	14 50	3 51	3 55	6 34
T 31	23s 7	13s21	0s42	22s48	0n22	20s25	1n23	14s32	0n58	23n 8	0s17	2s 3	2s20	13s54	0n28	21s48	1n21	11n55	10s42	15s15	14s49	3n53	3n55	6s34

Julian Day Number = 2504108.5, Delta T = 117.58 sec
Ecliptic obliquity = 23°25'07, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°45'04, Lahiri = 25°52'05

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ASTRODIENST EPHEMERIS for the year 2144
geocentric

JANUARY 2144 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 40 23	9♑54'45	17♏29	23♐21	10♐20	12♏43	29°R40	0♈16	8♏38	21♐28	14°R47	11°R25	9♏59	2♈40	3°R55	W 1
T 2	6 44 19	10°55'55	1♐18	24°49	11°34	13°20	29♊32	0°19	8°40	21°30	14♊46	11♏23	9°55	2°46	3♍54	T 2
F 3	6 48 16	11°57'05	14°59	26°17	12°49	13°57	29°24	0°22	8°42	21°33	14°45	11°19	9°52	2°53	3°52	F 3
S 4	6 52 12	12°58'15	28°30	27°46	14° 3	14°34	29°16	0°25	8°44	21°35	14°44	11°12	9°49	3° 0	3°50	S 4
S 5	6 56 9	13°59'26	11♑49	29°15	15°18	15°11	29° 9	0°29	8°46	21°37	14°43	11° 2	9°46	3° 6	3°49	S 5
M 6	7 0 5	15° 0'36	24°54	0♑45	16°32	15°48	29° 1	0°32	8°48	21°39	14°42	10°50	9°43	3°13	3°47	M 6
T 7	7 4 2	16° 1'47	7♒43	2°15	17°47	16°25	28°53	0°36	8°50	21°41	14°41	10°38	9°39	3°20	3°44	T 7
W 8	7 7 59	17° 2'57	20°16	3°46	19° 1	17° 2	28°46	0°39	8°52	21°43	14°40	10°26	9°36	3°26	3°42	W 8
T 9	7 11 55	18° 4'07	2♓34	5°17	20°16	17°38	28°39	0°43	8°54	21°45	14°39	10°16	9°33	3°33	3°40	T 9
F 10	7 15 52	19° 5'17	14°39	6°48	21°31	18°15	28°32	0°47	8°56	21°47	14°38	10° 8	9°30	3°40	3°37	F 10
S 11	7 19 48	20° 6'26	26°33	8°20	22°45	18°52	28°24	0°51	8°58	21°49	14°37	10° 3	9°27	3°46	3°35	S 11
S 12	7 23 45	21° 7'35	8♈23	9°52	24° 0	19°29	28°17	0°55	9° 0	21°51	14°36	10° 0	9°24	3°53	3°32	S 12
M13	7 27 41	22° 8'44	20°11	11°25	25°15	20° 6	28°11	0°59	9° 1	21°54	14°36	9°D59	9°20	4° 0	3°30	M13
T 14	7 31 38	23° 9'52	2♉ 5	12°58	26°29	20°42	28° 4	1° 3	9° 3	21°56	14°35	9°59	9°17	4° 6	3°27	T 14
W15	7 35 34	24°10'59	14° 9	14°32	27°44	21°19	27°57	1° 7	9° 5	21°58	14°34	9°R59	9°14	4°13	3°24	W15
T 16	7 39 31	25°12'06	26°28	16° 6	28°59	21°56	27°51	1°12	9° 6	22° 0	14°33	9°58	9°11	4°20	3°21	T 16
F 17	7 43 28	26°13'12	9♊ 8	17°40	0♑13	22°32	27°44	1°16	9° 8	22° 1	14°32	9°55	9° 8	4°26	3°18	F 17
S 18	7 47 24	27°14'18	22°11	19°15	1°28	23° 9	27°38	1°21	9° 9	22° 3	14°31	9°49	9° 5	4°33	3°15	S 18
S 19	7 51 21	28°15'23	5♋40	20°51	2°43	23°45	27°32	1°25	9°11	22° 5	14°31	9°40	9° 1	4°40	3°12	S 19
M20	7 55 17	29°16'27	19°33	22°27	3°57	24°22	27°26	1°30	9°12	22° 7	14°30	9°29	8°58	4°46	3° 8	M20
T 21	7 59 14	0♒17'31	3♌46	24° 3	5°12	24°59	27°20	1°35	9°13	22° 9	14°29	9°17	8°55	4°53	3° 5	T 21
W22	8 3 10	1°18'35	18°15	25°40	6°27	25°35	27°15	1°40	9°14	22°11	14°28	9° 4	8°52	5° 0	3° 2	W22
T 23	8 7 7	2°19'37	2♍51	27°18	7°42	26°12	27° 9	1°45	9°16	22°13	14°28	8°54	8°49	5° 6	2°58	T 23
F 24	8 11 3	3°20'40	17°28	28°56	8°56	26°48	27° 4	1°50	9°17	22°15	14°27	8°45	8°45	5°13	2°54	F 24
S 25	8 15 0	4°21'41	1♎59	0♒35	10°11	27°24	26°59	1°55	9°18	22°16	14°26	8°40	8°42	5°20	2°51	S 25
S 26	8 18 57	5°22'43	16°20	2°14	11°26	28° 1	26°54	2° 0	9°19	22°18	14°25	8°37	8°39	5°26	2°47	S 26
M27	8 22 53	6°23'44	0♏28	3°54	12°41	28°37	26°49	2° 5	9°20	22°20	14°25	8°36	8°36	5°33	2°43	M27
T 28	8 26 50	7°24'44	14°23	5°35	13°56	29°13	26°45	2°10	9°21	22°22	14°24	8°36	8°33	5°40	2°39	T 28
W29	8 30 46	8°25'45	28° 4	7°16	15°10	29°50	26°40	2°16	9°22	22°23	14°24	8°35	8°30	5°46	2°35	W29
T 30	8 34 43	9°26'44	11♐33	8°58	16°25	0♐26	26°36	2°21	9°22	22°25	14°23	8°33	8°26	5°53	2°31	T 30
F 31	8 38 39	10♒27'43	24♐51	10♒40	17♑40	1♐ 2	26♊32	2♈27	9♏23	22♐27	14♊22	8♏27	8♏23	6♈ 0	2♍27	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 3	16s31	0n32	23s 1	0n14	20s38	1n21	14s43	0n58	23n 8	0s17	2s 2	2s19	13s55	0n28	21s48	1n21	11n55	10s42	15s15	14s48	3n55	3n56	6s35
T 2	22 58	18 42	1 44	23 12	0 7	20 51	1 19	14 55	0 57	23 8	0 17	2 0	2 19	13 56	0 28	21 48	1 21	11 55	10 42	15 14	14 47	3 57	3 56	6 35
F 3	22 53	19 46	2 49	23 23	0s 1	21 3	1 17	15 6	0 57	23 8	0 17	1 59	2 19	13 56	0 28	21 48	1 21	11 55	10 42	15 13	14 46	3 59	3 56	6 36
S 4	22 47	19 41	3 44	23 32	0 8	21 14	1 14	15 17	0 57	23 8	0 17	1 57	2 19	13 57	0 28	21 48	1 21	11 55	10 42	15 11	14 45	4 1	3 56	6 36
S 5	22 41	18 30	4 25	23 40	0 15	21 25	1 12	15 29	0 56	23 8	0 17	1 56	2 18	13 58	0 28	21 48	1 21	11 55	10 41	15 7	14 44	4 3	3 56	6 36
M 6	22 34	16 21	4 51	23 47	0 22	21 35	1 10	15 40	0 56	23 8	0 16	1 54	2 18	13 58	0 28	21 48	1 21	11 55	10 41	15 4	14 43	4 5	3 57	6 37
T 7	22 27	13 27	5 2	23 53	0 29	21 45	1 7	15 50	0 56	23 9	0 16	1 53	2 18	13 59	0 28	21 48	1 21	11 55	10 41	15 0	14 42	4 7	3 57	6 37
W 8	22 20	10 0	4 58	23 58	0 36	21 53	1 5	16 1	0 55	23 9	0 16	1 51	2 18	14 0	0 28	21 49	1 21	11 55	10 41	14 56	14 41	4 9	3 57	6 38
T 9	22 12	6 11	4 40	24 1	0 42	22 2	1 2	16 12	0 55	23 9	0 16	1 49	2 18	14 0	0 28	21 49	1 21	11 55	10 41	14 53	14 40	4 11	3 58	6 38
F 10	22 4	2 11	4 10	24 3	0 49	22 9	1 0	16 23	0 55	23 9	0 16	1 47	2 17	14 1	0 28	21 49	1 21	11 55	10 41	14 51	14 39	4 13	3 58	6 39
S 11	21 55	1n50	3 29	24 4	0 55	22 16	0 57	16 33	0 54	23 9	0 16	1 46	2 17	14 1	0 29	21 49	1 21	11 55	10 40	14 49	14 38	4 15	3 59	6 39
S 12	21 46	5 46	2 40	24 4	1 1	22 22	0 55	16 43	0 54	23 9	0 16	1 44	2 17	14 2	0 29	21 49	1 21	11 56	10 40	14 48	14 37	4 17	3 59	6 39
M13	21 36	9 29	1 43	24 2	1 7	22 28	0 52	16 54	0 53	23 9	0 15	1 42	2 17	14 2	0 29	21 49	1 21	11 56	10 40	14 48	14 36	4 19	4 0	6 40
T 14	21 26	12 50	0 42	23 59	1 12	22 33	0 49	17 4	0 53	23 9	0 15	1 40	2 17	14 3	0 29	21 49	1 21	11 56	10 40	14 48	14 35	4 21	4 0	6 40
W15	21 15	15 43	0s22	23 55	1 18	22 37	0 47	17 14	0 52	23 9	0 15	1 38	2 16	14 3	0 29	21 49	1 21	11 56	10 40	14 48	14 34	4 23	4 1	6 41
T 16	21 5	17 57	1 26	23 49	1 23	22 41	0 44	17 24	0 52	23 9	0 15	1 37	2 16	14 4	0 29	21 49	1 21	11 56	10 40	14 47	14 33	4 25	4 2	6 41
F 17	20 53	19 22	2 28	23 42	1 28	22 44	0 41	17 34	0 52	23 9	0 15	1 35	2 16	14 4	0 29	21 50	1 21	11 56	10 39	14 46	14 32	4 27	4 3	6 41
S 18	20 42	19 48	3 24	23 34	1 32	22 46	0 39	17 43	0 51	23 9	0 15	1 33	2 16	14 5	0 29	21 50	1 21	11 56	10 39	14 45	14 31	4 29	4 3	6 42
S 19	20 30	19 8	4 10	23 24	1 37	22 47	0 36	17 53	0 51	23 9	0 14	1 31	2 16	14 5	0 29	21 50	1 21	11 56	10 39	14 42	14 29	4 31	4 4	6 42
M20	20 17	17 20	4 43	23 13	1 41	22 48	0 33	18 2	0 50	23 9	0 14	1 29	2 16	14 6	0 29	21 50	1 21	11 56	10 39	14 38	14 28	4 33	4 5	6 42
T 21	20 4	14 26	4 59	23 0	1 45	22 48	0 31	18 11	0 50	23 9	0 14	1 27	2 15	14 6	0 29	21 50	1 21	11 56	10 39	14 34	14 27	4 35	4 6	6 43
W22	19 51	10 38	4 57	22 46	1 48	22 48	0 28	18 21	0 49	23 10	0 14	1 24	2 15	14 6	0 29	21 50	1 21	11 57	10 38	14 30	14 26	4 37	4 7	6 43
T 23	19 37	6 10	4 35	22 30	1 51	22 47	0 25	18 30	0 49	23 10	0 14	1 22	2 15	14 7	0 29	21 50	1 21	11 57	10 38	14 27	14 25	4 39	4 8	6 43
F 24	19 23	1 20	3 55	22 13	1 54	22 45	0 22	18 39	0 48	23 10	0 14	1 20	2 15	14 7	0 29	21 50	1 21	11 57	10 38	14 24	14 24	4 41	4 9	6 43
S 25	19 9	3s33	3 1	21 55	1 57	22 42	0 20	18 47	0 48	23 10	0 13	1 18	2 15	14 8	0 29	21 50	1 22	11 57	10 38	14 23	14 23	4 43	4 10	6 44
S 26	18 54	8 11	1 55	21 35	1 59	22 39	0 17	18 56	0 47	23 10	0 13	1 16	2 15	14 8	0 29	21 50	1 22	11 57	10 37	14 22	14 22	4 45	4 11	6 44
M27	18 39	12 18	0 43	21 13	2 1	22 35	0 14	19 5	0 47	23 10	0 13	1 14	2 14	14 8	0 29	21 50	1 22	11 57	10 37	14 21	14 21	4 47	4 12	6 44
T 28	18 24	15 39	0n31	20 51	2 3	22 30	0 12	19 13	0 46	23 10	0 13	1 11	2 14	14 8	0 29	21 50	1 22	11 57	10 37	14 21	14 20	4 49	4 13	6 44
W29	18 8	18 4	1 41	20 26	2 4	22 25	0 9	19 21	0 46	23 10	0 13	1 9	2 14	14 9	0 29	21 51	1 22	11 58	10 37	14 21	14 19	4 51	4 15	6 45
T 30	17 52	19 26	2 45	20 0	2 5	22 19	0 6	19 29	0 45	23 10	0 13	1 7	2 14	14 9	0 29	21 51	1 22	11 58	10 37	14 20	14 18	4 53	4 16	6 45
F 31	17s36	19s41	3n38	19s33	2s 5	22s12	0n 3	19s37	0n45	23n10	0s12	1s 4	2s14	14s 9	0n29	21s51	1n22	11n58	10s36	14s19	14s17	4n55	4n17	6s45

Julian Day Number = 2504139.5, Delta T = 117.64 sec
Ecliptic obliquity = 23°25'06, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°45'09, Lahiri = 25°52'09

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2144
geocentric

FEBRUARY 2144 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 42 36	11♒28'42	7♉58	12♒23	18♉55	1♐38	26°R28	2♈32	9♏24	22♐29	14°R22	8°R19	8♏20	6♈ 6	2°R23	S 1
S 2	8 46 32	12°29'39	20°54	14° 7	20°10	2°14	26♊24	2°38	9°25	22°30	14♊21	8♏ 7	8°17	6°13	2♍19	S 2
M 3	8 50 29	13°30'36	3♒39	15°51	21°25	2°50	26°21	2°44	9°25	22°32	14°21	7°54	8°14	6°20	2°15	M 3
T 4	8 54 26	14°31'31	16°12	17°36	22°39	3°26	26°18	2°49	9°26	22°33	14°20	7°39	8°10	6°26	2°10	T 4
W 5	8 58 22	15°32'26	28°33	19°22	23°54	4° 2	26°14	2°55	9°26	22°35	14°20	7°25	8° 7	6°33	2° 6	W 5
T 6	9 2 19	16°33'19	10♓44	21° 8	25° 9	4°38	26°12	3° 1	9°27	22°36	14°19	7°13	8° 4	6°40	2° 2	T 6
F 7	9 6 15	17°34'11	22°44	22°55	26°24	5°14	26° 9	3° 7	9°27	22°38	14°19	7° 3	8° 1	6°46	1°57	F 7
S 8	9 10 12	18°35'02	4♈36	24°42	27°39	5°50	26° 6	3°13	9°27	22°39	14°18	6°55	7°58	6°53	1°53	S 8
S 9	9 14 8	19°35'52	16°23	26°29	28°54	6°26	26° 4	3°19	9°27	22°41	14°18	6°51	7°55	7° 0	1°48	S 9
M10	9 18 5	20°36'40	28°10	28°17	0♒ 8	7° 2	26° 2	3°25	9°28	22°42	14°18	6°49	7°51	7° 6	1°44	M10
T 11	9 22 1	21°37'27	10♉ 2	0♓ 5	1°23	7°37	26° 0	3°31	9°28	22°44	14°17	6°D49	7°48	7°13	1°39	T 11
W12	9 25 58	22°38'12	22° 3	1°54	2°38	8°13	25°58	3°38	9°28	22°45	14°17	6°R49	7°45	7°20	1°35	W12
T 13	9 29 55	23°38'55	4♊19	3°42	3°53	8°49	25°57	3°44	9°R28	22°46	14°17	6°49	7°42	7°26	1°30	T 13
F 14	9 33 51	24°39'37	16°56	5°30	5° 8	9°24	25°55	3°50	9°28	22°48	14°16	6°47	7°39	7°33	1°25	F 14
S 15	9 37 48	25°40'18	29°59	7°17	6°23	10° 0	25°54	3°57	9°28	22°49	14°16	6°42	7°36	7°40	1°21	S 15
S 16	9 41 44	26°40'57	13♋29	9° 3	7°37	10°35	25°53	4° 3	9°28	22°50	14°16	6°35	7°32	7°46	1°16	S 16
M17	9 45 41	27°41'34	27°28	10°49	8°52	11°11	25°53	4°10	9°27	22°51	14°15	6°26	7°29	7°53	1°11	M17
T 18	9 49 37	28°42'10	11♌54	12°33	10° 7	11°46	25°52	4°16	9°27	22°53	14°15	6°15	7°26	8° 0	1° 7	T 18
W19	9 53 34	29°42'44	26°40	14°16	11°22	12°21	25°52	4°23	9°27	22°54	14°15	6° 4	7°23	8° 6	1° 2	W19
T 20	9 57 30	0♓43'16	11♍39	15°56	12°37	12°56	25°D52	4°29	9°27	22°55	14°15	5°55	7°20	8°13	0°57	T 20
F 21	10 1 27	1°43'47	26°41	17°33	13°52	13°32	25°52	4°36	9°26	22°56	14°15	5°47	7°16	8°20	0°53	F 21
S 22	10 5 24	2°44'17	11♎37	19° 8	15° 6	14° 7	25°52	4°43	9°26	22°57	14°15	5°43	7°13	8°26	0°48	S 22
S 23	10 9 20	3°44'45	26°20	20°38	16°21	14°42	25°53	4°50	9°25	22°58	14°14	5°40	7°10	8°33	0°43	S 23
M24	10 13 17	4°45'12	10♏44	22° 4	17°36	15°17	25°53	4°56	9°25	22°59	14°14	5°D40	7° 7	8°40	0°39	M24
T 25	10 17 13	5°45'38	24°47	23°25	18°51	15°52	25°54	5° 3	9°24	23° 0	14°14	5°41	7° 4	8°46	0°34	T 25
W26	10 21 10	6°46'03	8♐30	24°40	20° 6	16°27	25°55	5°10	9°23	23° 1	14°14	5°R41	7° 1	8°53	0°29	W26
T 27	10 25 6	7°46'26	21°53	25°49	21°20	17° 2	25°56	5°17	9°23	23° 2	14°D14	5°40	6°57	9° 0	0°25	T 27
F 28	10 29 3	8°46'48	4♉59	26°51	22°35	17°36	25°58	5°24	9°22	23° 3	14°14	5°37	6°54	9° 6	0°20	F 28
S 29	10 32 59	9♓47'08	17♉50	27♓45	23♒50	18♐11	26♊ 0	5♈31	9♏21	23♐ 4	14♊14	5♏31	6♏51	9♈13	0♍15	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s19	18s52	4n20	19s 4	2s 5	22s 4	0n 1	19s45	0n44	23n10	0s12	1s 2	2s14	14s 9	0n29	21s51	1n22	11n58	10s36	14s16	14s16	4n57	4n18	6s45
S 2	17 2	17 4	4 47	18 34	2 5	21 56	0s 2	19 53	0 43	23 10	0 12	1 0	2 13	14 9	0 29	21 51	1 22	11 58	10 36	14 12	14 15	4 59	4 20	6 45
M 3	16 45	14 28	4 59	18 2	2 4	21 48	0 5	20 1	0 43	23 10	0 12	0 57	2 13	14 10	0 29	21 51	1 22	11 58	10 36	14 8	14 14	5 1	4 21	6 45
T 4	16 28	11 15	4 57	17 29	2 2	21 38	0 7	20 8	0 42	23 10	0 12	0 55	2 13	14 10	0 29	21 51	1 22	11 59	10 35	14 3	14 13	5 3	4 22	6 45
W 5	16 10	7 35	4 40	16 54	2 1	21 28	0 10	20 15	0 42	23 10	0 12	0 52	2 13	14 10	0 29	21 51	1 22	11 59	10 35	13 59	14 12	5 5	4 24	6 45
T 6	15 52	3 40	4 11	16 18	1 58	21 17	0 12	20 23	0 41	23 10	0 11	0 50	2 13	14 10	0 29	21 51	1 22	11 59	10 35	13 54	14 11	5 7	4 25	6 46
F 7	15 33	0n21	3 31	15 41	1 55	21 6	0 15	20 30	0 40	23 11	0 11	0 48	2 13	14 10	0 29	21 51	1 22	11 59	10 35	13 51	14 10	5 9	4 27	6 46
S 8	15 15	4 18	2 42	15 2	1 52	20 54	0 18	20 37	0 40	23 11	0 11	0 45	2 13	14 10	0 29	21 51	1 22	11 59	10 34	13 49	14 9	5 10	4 28	6 46
S 9	14 56	8 4	1 46	14 22	1 48	20 42	0 20	20 43	0 39	23 11	0 11	0 42	2 12	14 10	0 29	21 51	1 22	12 0	10 34	13 47	14 8	5 12	4 30	6 46
M10	14 37	11 32	0 46	13 40	1 43	20 28	0 23	20 50	0 38	23 11	0 11	0 40	2 12	14 10	0 29	21 51	1 22	12 0	10 34	13 47	14 7	5 14	4 31	6 46
T 11	14 17	14 32	0s17	12 57	1 38	20 15	0 25	20 57	0 38	23 11	0 11	0 37	2 12	14 10	0 29	21 51	1 22	12 0	10 34	13 47	14 6	5 16	4 33	6 46
W12	13 57	16 58	1 20	12 13	1 32	20 0	0 28	21 3	0 37	23 11	0 10	0 35	2 12	14 10	0 29	21 51	1 22	12 0	10 33	13 47	14 5	5 18	4 35	6 46
T 13	13 38	18 41	2 21	11 28	1 25	19 45	0 30	21 9	0 36	23 11	0 10	0 32	2 12	14 10	0 29	21 51	1 22	12 0	10 33	13 47	14 4	5 20	4 36	6 46
F 14	13 17	19 31	3 16	10 42	1 18	19 30	0 32	21 15	0 36	23 11	0 10	0 30	2 12	14 10	0 29	21 51	1 22	12 1	10 33	13 46	14 3	5 22	4 38	6 46
S 15	12 57	19 22	4 3	9 55	1 10	19 13	0 35	21 21	0 35	23 11	0 10	0 27	2 12	14 10	0 29	21 51	1 22	12 1	10 33	13 44	14 2	5 24	4 40	6 46
S 16	12 37	18 7	4 39	9 7	1 2	18 57	0 37	21 27	0 34	23 12	0 10	0 24	2 12	14 10	0 29	21 51	1 22	12 1	10 32	13 42	14 1	5 26	4 41	6 46
M17	12 16	15 45	4 59	8 19	0 53	18 39	0 39	21 33	0 33	23 12	0 10	0 22	2 12	14 10	0 29	21 51	1 22	12 1	10 32	13 39	14 0	5 28	4 43	6 45
T 18	11 55	12 23	5 1	7 30	0 43	18 22	0 42	21 38	0 33	23 12	0 9	0 19	2 11	14 10	0 29	21 52	1 22	12 2	10 32	13 36	13 59	5 30	4 45	6 45
W19	11 34	8 10	4 44	6 41	0 32	18 3	0 44	21 44	0 32	23 12	0 9	0 16	2 11	14 10	0 29	21 52	1 22	12 2	10 32	13 32	13 58	5 32	4 46	6 45
T 20	11 12	3 23	4 7	5 52	0 21	17 45	0 46	21 49	0 31	23 12	0 9	0 13	2 11	14 10	0 29	21 52	1 22	12 2	10 31	13 29	13 57	5 34	4 48	6 45
F 21	10 51	1s37	3 12	5 3	0 9	17 25	0 48	21 54	0 30	23 12	0 9	0 11	2 11	14 10	0 29	21 52	1 22	12 2	10 31	13 26	13 56	5 36	4 50	6 45
S 22	10 29	6 30	2 5	4 14	0n 4	17 5	0 50	21 59	0 30	23 12	0 9	0 8	2 11	14 9	0 29	21 52	1 22	12 3	10 31	13 25	13 55	5 37	4 52	6 45
S 23	10 8	10 55	0 50	3 27	0 17	16 45	0 52	22 4	0 29	23 13	0 9	0 5	2 11	14 9	0 29	21 52	1 22	12 3	10 31	13 24	13 54	5 39	4 54	6 45
M24	9 46	14 36	0n27	2 40	0 31	16 24	0 54	22 9	0 28	23 13	0 9	0 2	2 11	14 9	0 29	21 52	1 22	12 3	10 30	13 24	13 53	5 41	4 55	6 44
T 25	9 23	17 19	1 40	1 55	0 45	16 3	0 56	22 13	0 27	23 13	0 8	0n 0	2 11	14 9	0 29	21 52	1 22	12 3	10 30	13 24	13 52	5 43	4 57	6 44
W26	9 1	18 58	2 46	1 12	0 59	15 41	0 58	22 18	0 26	23 13	0 8	0 3	2 11	14 9	0 29	21 52	1 23	12 4	10 30	13 24	13 51	5 45	4 59	6 44
T 27	8 39	19 29	3 41	0 32	1 14	15 19	1 0	22 22	0 25	23 13	0 8	0 6	2 11	14 8	0 29	21 52	1 23	12 4	10 30	13 24	13 49	5 47	5 1	6 44
F 28	8 16	18 56	4 23	0n 6	1 29	14 57	1 2	22 26	0 25	23 13	0 8	0 9	2 11	14 8	0 29	21 52	1 23	12 4	10 29	13 23	13 48	5 49	5 3	6 43
S 29	7s54	17s25	4n51	0n42	1n44	14s34	1s 3	22s30	0n24	23n14	0s 8	0n12	2s10	14s 8	0n29	21s52	1n23	12n 4	10s29	13s21	13s47	5n51	5n 5	6s43

Julian Day Number = 2504170.5, Delta T = 117.69 sec
Ecliptic obliquity = 23°25'07, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°45'13, Lahiri = 25°52'13

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ASTRODIENST EPHEMERIS for the year 2144
geocentric

MARCH 2144 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 56	10♓47'27	0♒28	28♓31	25♒ 5	18♐46	26♊ 1	5♈38	9°R20	23♐ 4	14♊14	5°R23	6♏48	9♈20	0°R11	S 1
M 2	10 40 53	11°47'44	12°55	29° 9	26°20	19°20	26° 4	5°45	9♏19	23° 5	14°14	5♏14	6°45	9°26	0♍ 6	M 2
T 3	10 44 49	12°48'00	25°12	29°37	27°34	19°55	26° 6	5°52	9°18	23° 6	14°15	5° 3	6°42	9°33	0° 2	T 3
W 4	10 48 46	13°48'14	7♓20	29°56	28°49	20°29	26° 8	5°59	9°17	23° 7	14°15	4°53	6°38	9°40	29♌57	W 4
T 5	10 52 42	14°48'26	19°20	0♈ 6	0♓ 4	21° 3	26°11	6° 7	9°16	23° 7	14°15	4°44	6°35	9°46	29°53	T 5
F 6	10 56 39	15°48'36	1♈14	0°R 6	1°19	21°38	26°14	6°14	9°15	23° 8	14°15	4°37	6°32	9°53	29°48	F 6
S 7	11 0 35	16°48'45	13° 3	29♓57	2°33	22°12	26°17	6°21	9°14	23° 9	14°15	4°32	6°29	10° 0	29°44	S 7
S 8	11 4 32	17°48'51	24°49	29°39	3°48	22°46	26°20	6°28	9°12	23° 9	14°15	4°29	6°26	10° 6	29°39	S 8
M 9	11 8 28	18°48'56	6♉37	29°12	5° 3	23°20	26°23	6°35	9°11	23°10	14°16	4°D29	6°22	10°13	29°35	M 9
T 10	11 12 25	19°48'58	18°29	28°38	6°18	23°54	26°27	6°43	9°10	23°10	14°16	4°30	6°19	10°20	29°31	T 10
W11	11 16 21	20°48'59	0♊30	27°57	7°32	24°27	26°31	6°50	9° 8	23°11	14°16	4°31	6°16	10°26	29°27	W11
T 12	11 20 18	21°48'57	12°45	27°10	8°47	25° 1	26°35	6°57	9° 7	23°11	14°16	4°33	6°13	10°33	29°22	T 12
F 13	11 24 15	22°48'53	25°18	26°18	10° 2	25°35	26°39	7° 5	9° 6	23°12	14°17	4°R33	6°10	10°40	29°18	F 13
S 14	11 28 11	23°48'47	8♋15	25°23	11°16	26° 8	26°43	7°12	9° 4	23°12	14°17	4°32	6° 7	10°46	29°14	S 14
S 15	11 32 8	24°48'39	21°39	24°25	12°31	26°42	26°48	7°19	9° 2	23°12	14°17	4°29	6° 3	10°53	29°10	S 15
M16	11 36 4	25°48'28	5♌32	23°27	13°46	27°15	26°52	7°27	9° 1	23°13	14°18	4°25	6° 0	10°59	29° 6	M16
T 17	11 40 1	26°48'16	19°53	22°29	15° 0	27°48	26°57	7°34	8°59	23°13	14°18	4°19	5°57	11° 6	29° 2	T 17
W18	11 43 57	27°48'01	4♍40	21°33	16°15	28°21	27° 2	7°42	8°58	23°13	14°19	4°13	5°54	11°13	28°59	W18
T 19	11 47 54	28°47'44	19°45	20°40	17°30	28°54	27° 7	7°49	8°56	23°13	14°19	4° 8	5°51	11°19	28°55	T 19
F 20	11 51 50	29°47'24	4♎59	19°50	18°44	29°27	27°12	7°57	8°54	23°14	14°19	4° 4	5°47	11°26	28°51	F 20
S 21	11 55 47	0♈47'03	20°11	19° 5	19°59	0♑ 0	27°18	8° 4	8°52	23°14	14°20	4° 2	5°44	11°33	28°48	S 21
S 22	11 59 44	1°46'41	5♏13	18°25	21°13	0°33	27°24	8°11	8°50	23°14	14°20	4°D 1	5°41	11°39	28°44	S 22
M23	12 3 40	2°46'16	19°56	17°51	22°28	1° 6	27°29	8°19	8°49	23°14	14°21	4° 2	5°38	11°46	28°41	M23
T 24	12 7 37	3°45'50	4♐15	17°22	23°43	1°38	27°35	8°26	8°47	23°14	14°21	4° 4	5°35	11°53	28°37	T 24
W25	12 11 33	4°45'21	18°10	16°59	24°57	2°10	27°42	8°34	8°45	23°R14	14°22	4° 5	5°32	11°59	28°34	W25
T 26	12 15 30	5°44'52	1♑39	16°43	26°12	2°43	27°48	8°41	8°43	23°14	14°23	4°R 6	5°28	12° 6	28°31	T 26
F 27	12 19 26	6°44'20	14°46	16°32	27°26	3°15	27°54	8°49	8°41	23°14	14°23	4° 6	5°25	12°13	28°28	F 27
S 28	12 23 23	7°43'47	27°32	16°D28	28°41	3°47	28° 1	8°56	8°39	23°14	14°24	4° 4	5°22	12°19	28°25	S 28
S 29	12 27 19	8°43'12	10♒ 1	16°29	29°55	4°19	28° 8	9° 4	8°37	23°14	14°25	4° 2	5°19	12°26	28°22	S 29
M30	12 31 16	9°42'35	22°17	16°36	1♈10	4°50	28°14	9°11	8°35	23°14	14°25	3°58	5°16	12°33	28°19	M30
T 31	12 35 13	10♈41'56	4♓22	16♓48	2♈24	5♑22	28♊22	9♈19	8♏32	23♐13	14♊26	3♏54	5♏13	12♈39	28♌16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s31	15s 4	5n 5	1n13	1n58	14s10	1s 5	22s34	0n23	23n14	0s 8	0n14	2s10	14s 8	0n29	21s52	1n23	12n 5	10s29	13s18	13s46	5n53	5n 6	6s43
M 2	7 8	12 4	5 3	1 41	2 13	13 46	1 7	22 38	0 22	23 14	0 7	0 17	2 10	14 7	0 29	21 52	1 23	12 5	10 28	13 15	13 45	5 55	5 8	6 42
T 3	6 45	8 36	4 47	2 5	2 26	13 22	1 8	22 41	0 21	23 14	0 7	0 20	2 10	14 7	0 29	21 52	1 23	12 5	10 28	13 12	13 44	5 57	5 10	6 42
W 4	6 22	4 48	4 19	2 25	2 40	12 58	1 10	22 45	0 20	23 15	0 7	0 23	2 10	14 7	0 29	21 52	1 23	12 5	10 28	13 8	13 43	5 58	5 12	6 42
T 5	5 59	0 52	3 39	2 40	2 52	12 33	1 11	22 48	0 19	23 15	0 7	0 26	2 10	14 6	0 29	21 52	1 23	12 6	10 28	13 5	13 42	6 0	5 14	6 41
F 6	5 35	3n 5	2 50	2 50	3 3	12 8	1 12	22 51	0 18	23 15	0 7	0 29	2 10	14 6	0 29	21 52	1 23	12 6	10 27	13 3	13 41	6 2	5 16	6 41
S 7	5 12	6 53	1 53	2 56	3 13	11 42	1 14	22 54	0 17	23 15	0 7	0 32	2 10	14 5	0 30	21 52	1 23	12 6	10 27	13 1	13 40	6 4	5 18	6 41
S 8	4 49	10 25	0 52	2 57	3 22	11 16	1 15	22 57	0 16	23 15	0 7	0 35	2 10	14 5	0 30	21 52	1 23	12 7	10 27	13 0	13 39	6 6	5 20	6 40
M 9	4 25	13 32	0s12	2 52	3 29	10 50	1 16	23 0	0 15	23 16	0 6	0 37	2 10	14 5	0 30	21 52	1 23	12 7	10 27	13 0	13 38	6 8	5 21	6 40
T 10	4 2	16 6	1 15	2 44	3 34	10 24	1 17	23 3	0 14	23 16	0 6	0 40	2 10	14 4	0 30	21 52	1 23	12 7	10 26	13 0	13 37	6 10	5 23	6 39
W11	3 38	18 1	2 17	2 30	3 37	9 57	1 19	23 5	0 13	23 16	0 6	0 43	2 10	14 4	0 30	21 52	1 23	12 7	10 26	13 1	13 36	6 12	5 25	6 39
T 12	3 15	19 7	3 13	2 13	3 38	9 30	1 20	23 8	0 12	23 16	0 6	0 46	2 10	14 3	0 30	21 52	1 23	12 8	10 26	13 1	13 35	6 14	5 27	6 39
F 13	2 51	19 19	4 1	1 51	3 37	9 3	1 21	23 10	0 11	23 17	0 6	0 49	2 10	14 3	0 30	21 52	1 23	12 8	10 26	13 2	13 34	6 15	5 29	6 38
S 14	2 27	18 31	4 39	1 27	3 34	8 35	1 21	23 12	0 9	23 17	0 6	0 52	2 10	14 2	0 30	21 52	1 23	12 8	10 25	13 1	13 33	6 17	5 31	6 38
S 15	2 4	16 41	5 3	1 0	3 30	8 7	1 22	23 14	0 8	23 17	0 6	0 55	2 10	14 2	0 30	21 52	1 23	12 9	10 25	13 0	13 32	6 19	5 33	6 37
M16	1 40	13 50	5 11	0 31	3 23	7 40	1 23	23 16	0 7	23 17	0 6	0 58	2 10	14 1	0 30	21 52	1 23	12 9	10 25	12 59	13 31	6 21	5 34	6 37
T 17	1 16	10 5	5 0	0 0	3 14	7 11	1 24	23 18	0 6	23 18	0 5	1 1	2 10	14 1	0 30	21 51	1 23	12 9	10 25	12 57	13 30	6 23	5 36	6 36
W18	0 52	5 37	4 29	0s31	3 4	6 43	1 24	23 20	0 5	23 18	0 5	1 4	2 10	14 0	0 30	21 51	1 23	12 10	10 24	12 55	13 29	6 25	5 38	6 35
T 19	0 29	0 42	3 38	1 3	2 53	6 15	1 25	23 21	0 4	23 18	0 5	1 7	2 10	14 0	0 30	21 51	1 23	12 10	10 24	12 53	13 28	6 27	5 40	6 35
F 20	0 5	4s18	2 32	1 34	2 40	5 46	1 26	23 23	0 2	23 18	0 5	1 10	2 10	13 59	0 30	21 51	1 23	12 10	10 24	12 52	13 26	6 29	5 42	6 34
S 21	0n19	9 2	1 15	2 4	2 27	5 17	1 26	23 24	0 1	23 19	0 5	1 13	2 10	13 59	0 30	21 51	1 23	12 10	10 24	12 51	13 25	6 30	5 43	6 34
S 22	0 42	13 9	0n 7	2 33	2 12	4 48	1 26	23 25	0s 0	23 19	0 5	1 16	2 10	13 58	0 30	21 51	1 24	12 11	10 23	12 51	13 24	6 32	5 45	6 33
M23	1 6	16 19	1 26	3 0	1 58	4 19	1 27	23 26	0 1	23 19	0 5	1 19	2 10	13 57	0 30	21 51	1 24	12 11	10 23	12 51	13 23	6 34	5 47	6 33
T 24	1 30	18 23	2 38	3 25	1 42	3 50	1 27	23 27	0 3	23 19	0 4	1 22	2 10	13 57	0 30	21 51	1 24	12 11	10 23	12 52	13 22	6 36	5 48	6 32
W25	1 53	19 15	3 39	3 48	1 27	3 20	1 27	23 28	0 4	23 20	0 4	1 24	2 10	13 56	0 30	21 51	1 24	12 12	10 23	12 52	13 21	6 38	5 50	6 31
T 26	2 17	18 59	4 25	4 8	1 12	2 51	1 27	23 29	0 5	23 20	0 4	1 27	2 10	13 55	0 30	21 51	1 24	12 12	10 22	12 52	13 20	6 40	5 52	6 31
F 27	2 40	17 41	4 57	4 27	0 56	2 21	1 27	23 30	0 7	23 20	0 4	1 30	2 10	13 55	0 30	21 51	1 24	12 12	10 22	12 52	13 19	6 42	5 54	6 30
S 28	3 4	15 32	5 12	4 42	0 41	1 52	1 27	23 30	0 8	23 20	0 4	1 33	2 10	13 54	0 30	21 51	1 24	12 13	10 22	12 52	13 18	6 43	5 55	6 29
S 29	3 27	12 42	5 13	4 55	0 27	1 22	1 27	23 31	0 10	23 20	0 4	1 36	2 10	13 53	0 30	21 51	1 24	12 13	10 22	12 51	13 17	6 45	5 57	6 29
M30	3 51	9 22	4 58	5 6	0 12	0 52	1 27	23 31	0 11	23 21	0 4	1 39	2 10	13 53	0 30	21 51	1 24	12 13	10 21	12 50	13 16	6 47	5 58	6 28
T 31	4n14	5s41	4n31	5s14	0s 2	0s22	1s27	23s31	0s13	23n21	0s 4	1n42	2s10	13s52	0n30	21s51	1n24	12n14	10s21	12s48	13s15	6n49	6n 0	6s27

Julian Day Number = 2504199.5, Delta T = 117.75 sec
Ecliptic obliquity = 23°25'07, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°45'17, Lahiri = 25°52'17

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ASTRODIENST EPHEMERIS for the year 2144
geocentric

APRIL 2144 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 39 9	11♈41'15	16♓20	17♓ 5	3♈39	5♉54	28♊29	9♈26	8°R30	23°R13	14♊27	3°R50	5♏ 9	12♈46	28°R13	W 1
T 2	12 43 6	12°40'32	28°12	17°28	4°53	6°25	28°36	9°34	8♏28	23♐13	14°27	3♏47	5° 6	12°53	28♌11	T 2
F 3	12 47 2	13°39'48	10♈ 1	17°55	6° 8	6°56	28°43	9°41	8°26	23°13	14°28	3°44	5° 3	12°59	28° 8	F 3
S 4	12 50 59	14°39'01	21°48	18°26	7°22	7°27	28°51	9°49	8°24	23°12	14°29	3°43	5° 0	13° 6	28° 6	S 4
S 5	12 54 55	15°38'13	3♉37	19° 2	8°37	7°58	28°59	9°56	8°21	23°12	14°30	3°D42	4°57	13°13	28° 3	S 5
M 6	12 58 52	16°37'22	15°28	19°41	9°51	8°29	29° 7	10° 4	8°19	23°12	14°30	3°43	4°53	13°19	28° 1	M 6
T 7	13 2 48	17°36'29	27°26	20°25	11° 6	8°59	29°15	10°11	8°17	23°11	14°31	3°44	4°50	13°26	27°59	T 7
W 8	13 6 45	18°35'34	9♊32	21°12	12°20	9°29	29°23	10°19	8°14	23°11	14°32	3°45	4°47	13°33	27°57	W 8
T 9	13 10 41	19°34'37	21°51	22° 2	13°34	10° 0	29°31	10°26	8°12	23°10	14°33	3°46	4°44	13°39	27°55	T 9
F 10	13 14 38	20°33'37	4♋26	22°56	14°49	10°30	29°40	10°34	8°10	23°10	14°34	3°47	4°41	13°46	27°53	F 10
S 11	13 18 35	21°32'35	17°20	23°52	16° 3	10°59	29°48	10°41	8° 7	23° 9	14°35	3°R48	4°38	13°53	27°52	S 11
S 12	13 22 31	22°31'31	0♌38	24°51	17°17	11°29	29°57	10°49	8° 5	23° 9	14°35	3°48	4°34	13°59	27°50	S 12
M13	13 26 28	23°30'25	14°21	25°54	18°32	11°59	0♋ 6	10°56	8° 2	23° 8	14°36	3°47	4°31	14° 6	27°49	M13
T 14	13 30 24	24°29'16	28°30	26°58	19°46	12°28	0°14	11° 3	8° 0	23° 8	14°37	3°46	4°28	14°12	27°47	T 14
W15	13 34 21	25°28'05	13♍ 3	28° 6	21° 0	12°57	0°23	11°11	7°57	23° 7	14°38	3°45	4°25	14°19	27°46	W15
T 16	13 38 17	26°26'52	27°57	29°15	22°15	13°26	0°33	11°18	7°55	23° 6	14°39	3°44	4°22	14°26	27°45	T 16
F 17	13 42 14	27°25'36	13♎ 4	0♈27	23°29	13°54	0°42	11°25	7°52	23° 6	14°40	3°44	4°19	14°32	27°44	F 17
S 18	13 46 10	28°24'19	28°16	1°41	24°43	14°23	0°51	11°33	7°50	23° 5	14°41	3°D44	4°15	14°39	27°43	S 18
S 19	13 50 7	29°22'59	13♏23	2°58	25°57	14°51	1° 1	11°40	7°47	23° 4	14°42	3°44	4°12	14°46	27°42	S 19
M20	13 54 4	0♉21'38	28°16	4°16	27°11	15°19	1°10	11°47	7°45	23° 3	14°43	3°44	4° 9	14°52	27°41	M20
T 21	13 58 0	1°20'15	12♐49	5°37	28°26	15°47	1°20	11°55	7°42	23° 2	14°44	3°44	4° 6	14°59	27°40	T 21
W22	14 1 57	2°18'51	26°55	6°59	29°40	16°15	1°30	12° 2	7°40	23° 2	14°45	3°44	4° 3	15° 6	27°40	W22
T 23	14 5 53	3°17'24	10♑35	8°24	0♉54	16°42	1°40	12° 9	7°37	23° 1	14°46	3°44	3°59	15°12	27°39	T 23
F 24	14 9 50	4°15'56	23°49	9°50	2° 8	17° 9	1°50	12°16	7°35	23° 0	14°47	3°R44	3°56	15°19	27°39	F 24
S 25	14 13 46	5°14'27	6♒38	11°18	3°22	17°36	2° 0	12°23	7°32	22°59	14°49	3°D44	3°53	15°26	27°39	S 25
S 26	14 17 43	6°12'56	19° 7	12°48	4°37	18° 3	2°10	12°30	7°30	22°58	14°50	3°44	3°50	15°32	27°D39	S 26
M27	14 21 39	7°11'23	1♓19	14°20	5°51	18°29	2°20	12°37	7°27	22°57	14°51	3°45	3°47	15°39	27°39	M27
T 28	14 25 36	8° 9'48	13°20	15°54	7° 5	18°55	2°31	12°45	7°25	22°56	14°52	3°45	3°44	15°46	27°39	T 28
W29	14 29 33	9° 8'12	25°12	17°30	8°19	19°21	2°41	12°52	7°22	22°55	14°53	3°46	3°40	15°52	27°39	W29
T 30	14 33 29	10♉ 6'34	7♈ 0	19♈ 7	9♉33	19♉47	2♋52	12♈59	7♏19	22♐54	14♊54	3♏46	3♏37	15♈59	27♌40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n37	1s49	3n52	5s19	0s15	0n 7	1s27	23s31	0s14	23n21	0s 3	1n45	2s10	13s51	0n30	21s51	1n24	12n14	10s21	12s47	13s14	6n51	6n 2	6s27
T 2	5 0	2n 6	3 4	5 23	0 28	0 37	1 26	23 31	0 16	23 21	0 3	1 48	2 10	13 51	0 30	21 51	1 24	12 14	10 21	12 46	13 13	6 53	6 3	6 26
F 3	5 23	5 55	2 7	5 23	0 40	1 7	1 26	23 31	0 17	23 22	0 3	1 51	2 10	13 50	0 30	21 51	1 24	12 14	10 20	12 45	13 12	6 55	6 5	6 25
S 4	5 46	9 30	1 5	5 22	0 52	1 37	1 26	23 31	0 19	23 22	0 3	1 54	2 10	13 49	0 30	21 51	1 24	12 15	10 20	12 45	13 11	6 56	6 6	6 25
S 5	6 9	12 43	0 1	5 18	1 3	2 6	1 25	23 31	0 20	23 22	0 3	1 57	2 10	13 49	0 30	21 51	1 24	12 15	10 20	12 44	13 10	6 58	6 8	6 24
M 6	6 32	15 26	1s 5	5 12	1 14	2 36	1 25	23 31	0 22	23 22	0 3	2 0	2 10	13 48	0 30	21 51	1 24	12 15	10 20	12 45	13 8	7 0	6 9	6 23
T 7	6 54	17 30	2 8	5 5	1 24	3 6	1 24	23 30	0 24	23 22	0 3	2 2	2 10	13 47	0 30	21 51	1 24	12 16	10 19	12 45	13 7	7 2	6 10	6 22
W 8	7 17	18 48	3 6	4 55	1 33	3 36	1 23	23 30	0 25	23 22	0 3	2 5	2 10	13 46	0 30	21 51	1 24	12 16	10 19	12 45	13 6	7 4	6 12	6 22
T 9	7 39	19 14	3 56	4 43	1 42	4 5	1 22	23 30	0 27	23 23	0 3	2 8	2 10	13 46	0 30	21 50	1 24	12 16	10 19	12 46	13 5	7 6	6 13	6 21
F 10	8 1	18 44	4 37	4 29	1 50	4 35	1 22	23 29	0 29	23 23	0 2	2 11	2 10	13 45	0 30	21 50	1 24	12 17	10 19	12 46	13 4	7 7	6 14	6 20
S 11	8 24	17 16	5 5	4 14	1 57	5 4	1 21	23 28	0 31	23 23	0 2	2 14	2 10	13 44	0 30	21 50	1 24	12 17	10 19	12 46	13 3	7 9	6 16	6 19
S 12	8 45	14 50	5 17	3 57	2 4	5 33	1 20	23 28	0 32	23 23	0 2	2 17	2 10	13 43	0 30	21 50	1 24	12 17	10 18	12 46	13 2	7 11	6 17	6 19
M13	9 7	11 32	5 12	3 38	2 11	6 2	1 19	23 27	0 34	23 23	0 2	2 20	2 10	13 42	0 30	21 50	1 24	12 18	10 18	12 46	13 1	7 13	6 18	6 18
T 14	9 29	7 28	4 49	3 18	2 17	6 31	1 18	23 26	0 36	23 23	0 2	2 22	2 10	13 42	0 30	21 50	1 24	12 18	10 18	12 46	13 0	7 15	6 19	6 17
W15	9 50	2 52	4 6	2 56	2 22	7 0	1 17	23 25	0 38	23 23	0 2	2 25	2 10	13 41	0 30	21 50	1 24	12 18	10 18	12 45	12 59	7 16	6 21	6 16
T 16	10 12	2s 2	3 6	2 32	2 26	7 29	1 16	23 24	0 40	23 23	0 2	2 28	2 10	13 40	0 30	21 50	1 24	12 18	10 17	12 45	12 58	7 18	6 22	6 15
F 17	10 33	6 53	1 52	2 7	2 31	7 58	1 14	23 23	0 42	23 23	0 2	2 31	2 11	13 39	0 30	21 50	1 25	12 19	10 17	12 45	12 57	7 20	6 23	6 15
S 18	10 54	11 19	0 30	1 41	2 34	8 26	1 13	23 22	0 44	23 23	0 2	2 34	2 11	13 38	0 30	21 50	1 25	12 19	10 17	12 45	12 56	7 22	6 24	6 14
S 19	11 15	15 0	0n53	1 13	2 37	8 54	1 12	23 21	0 46	23 23	0 1	2 36	2 11	13 38	0 30	21 50	1 25	12 19	10 17	12 45	12 55	7 24	6 25	6 13
M20	11 35	17 36	2 12	0 44	2 39	9 22	1 10	23 20	0 48	23 24	0 1	2 39	2 11	13 37	0 30	21 50	1 25	12 20	10 17	12 45	12 53	7 26	6 26	6 12
T 21	11 56	19 0	3 21	0 14	2 41	9 50	1 9	23 19	0 50	23 24	0 1	2 42	2 11	13 36	0 30	21 50	1 25	12 20	10 17	12 45	12 52	7 27	6 27	6 11
W22	12 16	19 8	4 15	0n17	2 42	10 18	1 7	23 18	0 52	23 24	0 1	2 45	2 11	13 35	0 30	21 50	1 25	12 20	10 16	12 45	12 51	7 29	6 28	6 11
T 23	12 36	18 8	4 53	0 50	2 43	10 45	1 6	23 16	0 54	23 24	0 1	2 47	2 11	13 34	0 30	21 49	1 25	12 21	10 16	12 45	12 50	7 31	6 29	6 10
F 24	12 56	16 11	5 13	1 23	2 43	11 12	1 4	23 15	0 56	23 23	0 1	2 50	2 11	13 34	0 30	21 49	1 25	12 21	10 16	12 45	12 49	7 33	6 30	6 9
S 25	13 15	13 28	5 18	1 58	2 43	11 39	1 3	23 14	0 59	23 23	0 1	2 53	2 11	13 33	0 30	21 49	1 25	12 21	10 16	12 45	12 48	7 35	6 31	6 8
S 26	13 35	10 13	5 7	2 34	2 42	12 5	1 1	23 12	1 1	23 23	0 1	2 55	2 11	13 32	0 30	21 49	1 25	12 21	10 16	12 45	12 47	7 36	6 31	6 7
M27	13 54	6 36	4 42	3 11	2 40	12 32	0 59	23 11	1 3	23 23	0 1	2 58	2 11	13 31	0 30	21 49	1 25	12 22	10 15	12 45	12 46	7 38	6 32	6 7
T 28	14 13	2 46	4 5	3 49	2 38	12 57	0 58	23 10	1 5	23 23	0 0	3 1	2 12	13 30	0 30	21 49	1 25	12 22	10 15	12 45	12 45	7 40	6 33	6 6
W29	14 32	1n 8	3 19	4 28	2 36	13 23	0 56	23 9	1 8	23 23	0 0	3 3	2 12	13 29	0 30	21 49	1 25	12 22	10 15	12 46	12 44	7 42	6 34	6 5
T 30	14n50	4n58	2n24	5n 7	2s33	13n48	0s54	23s 7	1s10	23n23	0s 0	3n 6	2s12	13s29	0n30	21s49	1n25	12n23	10s15	12s46	12s43	7n43	6n34	6s 4

Julian Day Number = 2504230.5, Delta T = 117.80 sec
Ecliptic obliquity = 23°25'07, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°45'21, Lahiri = 25°52'22

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ASTRODIENST EPHEMERIS for the year 2144
geocentric

MAY 2144 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 37 26	11♉ 4'55	18♈47	20♈46	10♉47	20♊12	3♋ 2	13♈ 5	7°R17	22°R53	14♊55	3♏47	3♏34	16♈ 6	27♌40	F 1
S 2	14 41 22	12° 3'14	0♉36	22°27	12° 1	20°37	3°13	13°12	7♏14	22♐52	14°56	3°R47	3°31	16°12	27°41	S 2
S 3	14 45 19	13° 1'31	12°29	24°10	13°15	21° 1	3°24	13°19	7°12	22°50	14°58	3°47	3°28	16°19	27°41	S 3
M 4	14 49 15	13°59'46	24°29	25°54	14°29	21°26	3°35	13°26	7° 9	22°49	14°59	3°46	3°24	16°26	27°42	M 4
T 5	14 53 12	14°58'00	6♊37	27°41	15°43	21°50	3°46	13°33	7° 7	22°48	15° 0	3°45	3°21	16°32	27°43	T 5
W 6	14 57 8	15°56'12	18°56	29°29	16°57	22°13	3°57	13°40	7° 4	22°47	15° 1	3°44	3°18	16°39	27°44	W 6
T 7	15 1 5	16°54'22	1♋27	1♉19	18°11	22°37	4° 8	13°46	7° 2	22°46	15° 3	3°42	3°15	16°45	27°45	T 7
F 8	15 5 2	17°52'30	14°11	3°11	19°25	23° 0	4°19	13°53	6°59	22°44	15° 4	3°40	3°12	16°52	27°46	F 8
S 9	15 8 58	18°50'37	27°12	5° 4	20°39	23°22	4°31	14° 0	6°57	22°43	15° 5	3°39	3° 9	16°59	27°48	S 9
S 10	15 12 55	19°48'41	10♌30	7° 0	21°53	23°45	4°42	14° 6	6°54	22°42	15° 6	3°38	3° 5	17° 5	27°49	S 10
M11	15 16 51	20°46'44	24° 8	8°57	23° 7	24° 6	4°54	14°13	6°52	22°41	15° 8	3°D37	3° 2	17°12	27°51	M11
T 12	15 20 48	21°44'44	8♍ 5	10°56	24°21	24°28	5° 5	14°19	6°49	22°39	15° 9	3°38	2°59	17°19	27°52	T 12
W13	15 24 44	22°42'43	22°22	12°57	25°35	24°49	5°17	14°26	6°47	22°38	15°10	3°39	2°56	17°25	27°54	W13
T 14	15 28 41	23°40'39	6♎57	14°59	26°49	25°10	5°29	14°32	6°44	22°37	15°11	3°40	2°53	17°32	27°56	T 14
F 15	15 32 37	24°38'34	21°45	17° 3	28° 3	25°30	5°40	14°39	6°42	22°35	15°13	3°41	2°50	17°39	27°58	F 15
S 16	15 36 34	25°36'27	6♏40	19° 9	29°17	25°50	5°52	14°45	6°40	22°34	15°14	3°R42	2°46	17°45	28° 0	S 16
S 17	15 40 31	26°34'19	21°35	21°16	0♊31	26°10	6° 4	14°51	6°37	22°32	15°15	3°41	2°43	17°52	28° 2	S 17
M18	15 44 27	27°32'09	6♐23	23°24	1°45	26°29	6°16	14°57	6°35	22°31	15°17	3°39	2°40	17°59	28° 5	M18
T 19	15 48 24	28°29'58	20°55	25°33	2°58	26°47	6°28	15° 4	6°33	22°30	15°18	3°36	2°37	18° 5	28° 7	T 19
W20	15 52 20	29°27'46	5♑ 6	27°43	4°12	27° 6	6°40	15°10	6°30	22°28	15°19	3°32	2°34	18°12	28° 9	W20
T 21	15 56 17	0♊25'32	18°52	29°54	5°26	27°23	6°52	15°16	6°28	22°27	15°21	3°29	2°30	18°19	28°12	T 21
F 22	16 0 13	1°23'17	2♒11	2♊ 6	6°40	27°41	7° 5	15°22	6°26	22°25	15°22	3°25	2°27	18°25	28°15	F 22
S 23	16 4 10	2°21'01	15° 5	4°17	7°54	27°57	7°17	15°28	6°24	22°24	15°23	3°23	2°24	18°32	28°18	S 23
S 24	16 8 6	3°18'44	27°37	6°29	9° 7	28°14	7°29	15°34	6°21	22°22	15°25	3°22	2°21	18°39	28°21	S 24
M25	16 12 3	4°16'26	9♓51	8°40	10°21	28°30	7°42	15°39	6°19	22°21	15°26	3°D22	2°18	18°45	28°24	M25
T 26	16 16 0	5°14'07	21°51	10°50	11°35	28°45	7°54	15°45	6°17	22°19	15°27	3°23	2°15	18°52	28°27	T 26
W27	16 19 56	6°11'46	3♈42	13° 0	12°49	28°59	8° 6	15°51	6°15	22°18	15°29	3°24	2°11	18°58	28°30	W27
T 28	16 23 53	7° 9'25	15°29	15° 8	14° 3	29°14	8°19	15°57	6°13	22°16	15°30	3°26	2° 8	19° 5	28°33	T 28
F 29	16 27 49	8° 7'03	27°17	17°16	15°16	29°27	8°32	16° 2	6°11	22°15	15°31	3°27	2° 5	19°12	28°37	F 29
S 30	16 31 46	9° 4'40	9♉10	19°21	16°30	29°40	8°44	16° 8	6° 9	22°13	15°33	3°R27	2° 2	19°18	28°40	S 30
S 31	16 35 42	10♊ 2'16	21♉10	21♊25	17♊44	29♑53	8♋57	16♈13	6♏ 7	22♐11	15♊34	3♏26	1♏59	19♈25	28♌44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 8	8n37	1n22	5n48	2s29	14n13	0s52	23s 6	1s13	23n23	0s 0	3n 8	2s12	13s28	0n30	21s49	1n25	12n23	10s15	12s46	12s42	7n45	6n35	6s 3
S 2	15 26	11 57	0 18	6 29	2 25	14 38	0 50	23 5	1 15	23 23	0 0	3 11	2 12	13 27	0 30	21 49	1 25	12 23	10 15	12 46	12 41	7 47	6 35	6 2
S 3	15 44	14 48	0s48	7 11	2 20	15 2	0 48	23 3	1 18	23 23	0n 0	3 14	2 12	13 26	0 30	21 49	1 25	12 23	10 14	12 46	12 40	7 49	6 36	6 2
M 4	16 2	17 3	1 52	7 54	2 15	15 26	0 46	23 2	1 20	23 22	0 0	3 16	2 12	13 25	0 30	21 49	1 25	12 24	10 14	12 46	12 38	7 51	6 37	6 1
T 5	16 19	18 34	2 52	8 37	2 9	15 50	0 44	23 1	1 23	23 22	0 0	3 19	2 12	13 25	0 30	21 48	1 25	12 24	10 14	12 45	12 37	7 52	6 37	6 0
W 6	16 36	19 13	3 45	9 21	2 3	16 13	0 42	23 0	1 26	23 22	0 0	3 21	2 12	13 24	0 30	21 48	1 25	12 24	10 14	12 45	12 36	7 54	6 37	5 59
T 7	16 52	18 57	4 28	10 6	1 57	16 35	0 40	22 59	1 28	23 22	0 0	3 24	2 13	13 23	0 30	21 48	1 25	12 25	10 14	12 44	12 35	7 56	6 38	5 58
F 8	17 9	17 43	4 59	10 51	1 50	16 58	0 38	22 57	1 31	23 21	0 1	3 26	2 13	13 22	0 30	21 48	1 25	12 25	10 14	12 44	12 34	7 58	6 38	5 57
S 9	17 25	15 33	5 15	11 36	1 42	17 20	0 36	22 56	1 34	23 21	0 1	3 28	2 13	13 21	0 30	21 48	1 25	12 25	10 14	12 43	12 33	7 59	6 39	5 57
S 10	17 40	12 33	5 14	12 21	1 34	17 41	0 34	22 55	1 37	23 21	0 1	3 31	2 13	13 20	0 30	21 48	1 25	12 25	10 13	12 43	12 32	8 1	6 39	5 56
M11	17 56	8 48	4 57	13 7	1 26	18 2	0 31	22 54	1 39	23 21	0 1	3 33	2 13	13 20	0 30	21 48	1 25	12 26	10 13	12 43	12 31	8 3	6 39	5 55
T 12	18 11	4 29	4 21	13 53	1 17	18 22	0 29	22 53	1 42	23 20	0 1	3 36	2 13	13 19	0 30	21 48	1 25	12 26	10 13	12 43	12 30	8 5	6 39	5 54
W13	18 26	0s11	3 29	14 38	1 8	18 42	0 27	22 52	1 45	23 20	0 1	3 38	2 13	13 18	0 30	21 48	1 25	12 26	10 13	12 43	12 29	8 7	6 39	5 53
T 14	18 41	4 56	2 23	15 24	0 58	19 2	0 25	22 52	1 48	23 19	0 1	3 40	2 14	13 17	0 30	21 48	1 25	12 26	10 13	12 44	12 28	8 8	6 40	5 52
F 15	18 55	9 29	1 6	16 9	0 48	19 21	0 22	22 51	1 51	23 19	0 1	3 43	2 14	13 17	0 29	21 48	1 25	12 27	10 13	12 44	12 26	8 10	6 40	5 52
S 16	19 9	13 28	0n16	16 53	0 38	19 39	0 20	22 50	1 55	23 19	0 1	3 45	2 14	13 16	0 29	21 47	1 25	12 27	10 13	12 44	12 25	8 12	6 40	5 51
S 17	19 22	16 35	1 37	17 37	0 28	19 57	0 18	22 49	1 58	23 18	0 1	3 47	2 14	13 15	0 29	21 47	1 25	12 27	10 13	12 44	12 24	8 14	6 40	5 50
M18	19 36	18 33	2 51	18 19	0 17	20 15	0 15	22 49	2 1	23 18	0 2	3 49	2 14	13 14	0 29	21 47	1 25	12 27	10 12	12 43	12 23	8 15	6 40	5 49
T 19	19 48	19 15	3 52	19 1	0 7	20 31	0 13	22 49	2 4	23 17	0 2	3 52	2 14	13 14	0 29	21 47	1 25	12 28	10 12	12 42	12 22	8 17	6 40	5 48
W20	20 1	18 43	4 37	19 42	0n 4	20 48	0 11	22 48	2 7	23 17	0 2	3 54	2 15	13 13	0 29	21 47	1 25	12 28	10 12	12 41	12 21	8 19	6 40	5 48
T 21	20 13	17 4	5 4	20 21	0 14	21 3	0 8	22 48	2 11	23 16	0 2	3 56	2 15	13 12	0 29	21 47	1 25	12 28	10 12	12 40	12 20	8 21	6 40	5 47
F 22	20 25	14 33	5 14	20 58	0 25	21 18	0 6	22 48	2 14	23 16	0 2	3 58	2 15	13 11	0 29	21 47	1 25	12 28	10 12	12 39	12 19	8 22	6 39	5 46
S 23	20 37	11 23	5 8	21 33	0 35	21 33	0 3	22 48	2 18	23 15	0 2	4 0	2 15	13 11	0 29	21 47	1 25	12 28	10 12	12 38	12 18	8 24	6 39	5 45
S 24	20 48	7 48	4 47	22 6	0 45	21 47	0 1	22 48	2 21	23 15	0 2	4 2	2 15	13 10	0 29	21 47	1 25	12 29	10 12	12 37	12 17	8 26	6 39	5 44
M25	20 59	3 58	4 13	22 37	0 54	22 0	0n 1	22 48	2 25	23 14	0 2	4 4	2 15	13 9	0 29	21 47	1 25	12 29	10 12	12 37	12 16	8 27	6 39	5 44
T 26	21 9	0 2	3 29	23 6	1 4	22 13	0 4	22 49	2 28	23 13	0 2	4 6	2 16	13 9	0 29	21 47	1 25	12 29	10 12	12 38	12 15	8 29	6 38	5 43
W27	21 19	3n51	2 36	23 32	1 13	22 25	0 6	22 49	2 32	23 13	0 2	4 8	2 16	13 8	0 29	21 46	1 25	12 29	10 12	12 38	12 13	8 31	6 38	5 42
T 28	21 29	7 35	1 37	23 56	1 21	22 36	0 9	22 50	2 35	23 12	0 3	4 10	2 16	13 7	0 29	21 46	1 25	12 30	10 12	12 39	12 12	8 33	6 38	5 41
F 29	21 39	11 1	0 34	24 17	1 28	22 47	0 11	22 51	2 39	23 11	0 3	4 12	2 16	13 7	0 29	21 46	1 25	12 30	10 12	12 39	12 11	8 34	6 37	5 40
S 30	21 48	14 3	0s31	24 35	1 36	22 57	0 13	22 51	2 43	23 11	0 3	4 14	2 16	13 6	0 29	21 46	1 25	12 30	10 11	12 39	12 10	8 36	6 37	5 40
S 31	21n56	16n30	1s35	24n50	1n42	23n 7	0n16	22s53	2s47	23n10	0n 3	4n16	2s17	13s 5	0n29	21s46	1n25	12n30	10s11	12s39	12s 9	8n38	6n36	5s39

Julian Day Number = 2504260.5, Delta T = 117.86 sec
Ecliptic obliquity = 23°25'06, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°45'25, Lahiri = 25°52'26

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ASTRODIENST EPHEMERIS for the year 2144
geocentric

JUNE 2144 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 39 39	10♊59'50	3♊21	23♊26	18♊58	0♒ 5	9♋10	16♈19	6°R 5	22°R10	15♊36	3°R22	1♏56	19♈32	28♌48	M 1
T 2	16 43 35	11°57'24	15°44	25°26	20°11	0°16	9°22	16°24	6♏ 3	22♐ 8	15°37	3♏17	1°52	19°38	28°51	T 2
W 3	16 47 32	12°54'57	28°20	27°23	21°25	0°26	9°35	16°29	6° 1	22° 7	15°38	3°11	1°49	19°45	28°55	W 3
T 4	16 51 29	13°52'28	11♋ 9	29°17	22°39	0°36	9°48	16°34	5°59	22° 5	15°40	3° 4	1°46	19°52	28°59	T 4
F 5	16 55 25	14°49'59	24°12	1♋10	23°52	0°46	10° 1	16°39	5°58	22° 3	15°41	2°57	1°43	19°58	29° 3	F 5
S 6	16 59 22	15°47'28	7♌28	3° 0	25° 6	0°54	10°14	16°45	5°56	22° 2	15°42	2°51	1°40	20° 5	29° 7	S 6
S 7	17 3 18	16°44'56	20°57	4°47	26°20	1° 2	10°27	16°50	5°54	22° 0	15°44	2°47	1°36	20°12	29°12	S 7
M 8	17 7 15	17°42'23	4♍39	6°31	27°33	1°10	10°40	16°54	5°52	21°59	15°45	2°44	1°33	20°18	29°16	M 8
T 9	17 11 11	18°39'48	18°33	8°13	28°47	1°16	10°53	16°59	5°51	21°57	15°47	2°D44	1°30	20°25	29°21	T 9
W10	17 15 8	19°37'13	2♎39	9°52	0♋ 1	1°22	11° 6	17° 4	5°49	21°55	15°48	2°44	1°27	20°32	29°25	W10
T 11	17 19 4	20°34'36	16°56	11°29	1°14	1°28	11°19	17° 9	5°47	21°54	15°49	2°45	1°24	20°38	29°30	T 11
F 12	17 23 1	21°31'58	1♏22	13° 2	2°28	1°32	11°32	17°13	5°46	21°52	15°51	2°R46	1°21	20°45	29°34	F 12
S 13	17 26 58	22°29'19	15°54	14°33	3°42	1°36	11°45	17°18	5°44	21°51	15°52	2°45	1°17	20°51	29°39	S 13
S 14	17 30 54	23°26'40	0♐27	16° 1	4°55	1°39	11°59	17°22	5°43	21°49	15°53	2°43	1°14	20°58	29°44	S 14
M15	17 34 51	24°23'59	14°55	17°27	6° 9	1°42	12°12	17°27	5°42	21°47	15°55	2°38	1°11	21° 5	29°49	M15
T 16	17 38 47	25°21'18	29°13	18°49	7°22	1°44	12°25	17°31	5°40	21°46	15°56	2°31	1° 8	21°11	29°54	T 16
W17	17 42 44	26°18'36	13♑15	20° 9	8°36	1°45	12°38	17°35	5°39	21°44	15°58	2°22	1° 5	21°18	29°59	W17
T 18	17 46 40	27°15'53	26°56	21°25	9°49	1°R45	12°52	17°39	5°38	21°42	15°59	2°14	1° 2	21°25	0♍ 4	T 18
F 19	17 50 37	28°13'10	10♒14	22°39	11° 3	1°44	13° 5	17°43	5°36	21°41	16° 0	2° 5	0°58	21°31	0°10	F 19
S 20	17 54 33	29°10'27	23° 9	23°50	12°16	1°43	13°18	17°47	5°35	21°39	16° 2	1°58	0°55	21°38	0°15	S 20
S 21	17 58 30	0♋ 7'43	5♓42	24°57	13°30	1°41	13°32	17°51	5°34	21°38	16° 3	1°53	0°52	21°45	0°21	S 21
M22	18 2 27	1° 4'59	17°56	26° 2	14°44	1°38	13°45	17°55	5°33	21°36	16° 4	1°50	0°49	21°51	0°26	M22
T 23	18 6 23	2° 2'15	29°57	27° 3	15°57	1°35	13°58	17°59	5°32	21°34	16° 6	1°D49	0°46	21°58	0°32	T 23
W24	18 10 20	2°59'30	11♈49	28° 1	17°11	1°31	14°12	18° 3	5°31	21°33	16° 7	1°50	0°42	22° 5	0°37	W24
T 25	18 14 16	3°56'46	23°37	28°55	18°24	1°26	14°25	18° 6	5°30	21°31	16° 8	1°50	0°39	22°11	0°43	T 25
F 26	18 18 13	4°54'01	5♉27	29°46	19°38	1°20	14°39	18°10	5°29	21°30	16°10	1°R51	0°36	22°18	0°49	F 26
S 27	18 22 9	5°51'16	17°23	0♌34	20°51	1°13	14°52	18°13	5°28	21°28	16°11	1°49	0°33	22°25	0°55	S 27
S 28	18 26 6	6°48'31	29°30	1°17	22° 4	1° 6	15° 6	18°16	5°27	21°27	16°12	1°46	0°30	22°31	1° 1	S 28
M29	18 30 2	7°45'46	11♊52	1°57	23°18	0°58	15°19	18°19	5°27	21°25	16°14	1°40	0°27	22°38	1° 7	M29
T 30	18 33 59	8♋43'01	24♊29	2♌33	24♋31	0♒49	15♋33	18♈23	5♏26	21♐23	16♊15	1♏32	0♏23	22♈44	1♍13	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 4	18n15	2s36	25n 3	1n48	23n16	0n18	22s54	2s51	23n 9	0n 3	4n18	2s17	13s 5	0n29	21s46	1n25	12n30	10s11	12s38	12s 8	8n40	6n36	5s38
T 2	22 12	19 11	3 30	25 13	1 53	23 24	0 21	22 55	2 55	23 8	0 3	4 20	2 17	13 4	0 29	21 46	1 25	12 31	10 11	12 36	12 7	8 41	6 35	5 37
W 3	22 20	19 10	4 15	25 20	1 57	23 31	0 23	22 57	2 59	23 7	0 3	4 22	2 17	13 4	0 29	21 46	1 25	12 31	10 11	12 34	12 6	8 43	6 34	5 37
T 4	22 27	18 11	4 47	25 25	2 0	23 38	0 25	22 58	3 3	23 7	0 3	4 24	2 17	13 3	0 29	21 46	1 25	12 31	10 11	12 32	12 5	8 45	6 34	5 36
F 5	22 33	16 14	5 6	25 28	2 3	23 44	0 28	23 0	3 7	23 6	0 3	4 25	2 18	13 2	0 29	21 46	1 25	12 31	10 11	12 29	12 4	8 46	6 33	5 35
S 6	22 40	13 25	5 8	25 28	2 5	23 50	0 30	23 2	3 11	23 5	0 3	4 27	2 18	13 2	0 29	21 45	1 25	12 31	10 11	12 27	12 2	8 48	6 32	5 34
S 7	22 46	9 51	4 54	25 26	2 6	23 54	0 32	23 5	3 15	23 4	0 3	4 29	2 18	13 1	0 29	21 45	1 25	12 31	10 11	12 26	12 1	8 50	6 32	5 34
M 8	22 51	5 43	4 23	25 22	2 7	23 58	0 35	23 7	3 19	23 3	0 4	4 30	2 18	13 1	0 29	21 45	1 25	12 32	10 11	12 25	12 0	8 52	6 31	5 33
T 9	22 56	1 12	3 36	25 16	2 6	24 2	0 37	23 10	3 23	23 2	0 4	4 32	2 18	13 0	0 29	21 45	1 25	12 32	10 11	12 24	11 59	8 53	6 30	5 32
W10	23 1	3s26	2 36	25 8	2 5	24 4	0 39	23 13	3 28	23 1	0 4	4 34	2 19	13 0	0 29	21 45	1 25	12 32	10 11	12 25	11 58	8 55	6 29	5 31
T 11	23 5	7 57	1 25	24 58	2 3	24 6	0 41	23 16	3 32	23 0	0 4	4 35	2 19	12 59	0 29	21 45	1 25	12 32	10 11	12 25	11 57	8 57	6 28	5 31
F 12	23 9	12 3	0 8	24 47	2 0	24 7	0 43	23 19	3 36	22 59	0 4	4 37	2 19	12 59	0 29	21 45	1 25	12 32	10 11	12 25	11 56	8 58	6 27	5 30
S 13	23 12	15 28	1n10	24 34	1 57	24 8	0 46	23 22	3 41	22 58	0 4	4 38	2 19	12 58	0 29	21 45	1 25	12 32	10 11	12 25	11 55	9 0	6 26	5 29
S 14	23 15	17 53	2 24	24 20	1 53	24 7	0 48	23 26	3 45	22 57	0 4	4 40	2 20	12 58	0 29	21 45	1 25	12 33	10 11	12 24	11 54	9 2	6 25	5 29
M15	23 18	19 8	3 27	24 4	1 48	24 6	0 50	23 29	3 49	22 56	0 4	4 41	2 20	12 57	0 29	21 45	1 25	12 33	10 11	12 22	11 53	9 3	6 24	5 28
T 16	23 20	19 8	4 17	23 47	1 42	24 5	0 52	23 33	3 54	22 55	0 4	4 43	2 20	12 57	0 29	21 45	1 25	12 33	10 11	12 20	11 51	9 5	6 23	5 27
W17	23 22	17 57	4 49	23 30	1 36	24 2	0 54	23 37	3 58	22 53	0 4	4 44	2 20	12 56	0 29	21 44	1 25	12 33	10 11	12 17	11 50	9 7	6 22	5 26
T 18	23 23	15 46	5 5	23 11	1 29	23 59	0 56	23 42	4 3	22 52	0 4	4 45	2 21	12 56	0 29	21 44	1 25	12 33	10 11	12 14	11 49	9 8	6 21	5 26
F 19	23 24	12 48	5 3	22 51	1 22	23 55	0 58	23 46	4 7	22 51	0 5	4 47	2 21	12 56	0 29	21 44	1 25	12 33	10 11	12 11	11 48	9 10	6 20	5 25
S 20	23 25	9 17	4 46	22 31	1 13	23 51	1 0	23 51	4 12	22 50	0 5	4 48	2 21	12 55	0 29	21 44	1 25	12 33	10 11	12 9	11 47	9 12	6 18	5 24
S 21	23 25	5 28	4 15	22 11	1 4	23 45	1 2	23 56	4 16	22 49	0 5	4 49	2 21	12 55	0 29	21 44	1 25	12 34	10 11	12 7	11 46	9 14	6 17	5 24
M22	23 25	1 30	3 33	21 49	0 55	23 40	1 4	24 1	4 21	22 47	0 5	4 51	2 22	12 55	0 29	21 44	1 25	12 34	10 11	12 6	11 45	9 15	6 16	5 23
T 23	23 24	2n28	2 42	21 28	0 45	23 33	1 5	24 6	4 25	22 46	0 5	4 52	2 22	12 54	0 29	21 44	1 25	12 34	10 11	12 6	11 44	9 17	6 15	5 22
W24	23 23	6 17	1 45	21 6	0 34	23 26	1 7	24 11	4 30	22 45	0 5	4 53	2 22	12 54	0 29	21 44	1 25	12 34	10 11	12 6	11 43	9 19	6 13	5 22
T 25	23 22	9 51	0 44	20 43	0 23	23 18	1 9	24 17	4 34	22 43	0 5	4 54	2 22	12 54	0 28	21 44	1 25	12 34	10 11	12 6	11 41	9 20	6 12	5 21
F 26	23 20	13 1	0s19	20 21	0 11	23 9	1 11	24 22	4 39	22 42	0 5	4 55	2 23	12 53	0 28	21 44	1 25	12 34	10 11	12 6	11 40	9 22	6 10	5 21
S 27	23 17	15 42	1 22	19 59	0s 2	22 59	1 12	24 28	4 43	22 41	0 5	4 56	2 23	12 53	0 28	21 44	1 25	12 34	10 11	12 6	11 39	9 24	6 9	5 20
S 28	23 15	17 43	2 22	19 37	0 15	22 49	1 14	24 34	4 47	22 39	0 5	4 57	2 23	12 53	0 28	21 44	1 25	12 34	10 11	12 5	11 38	9 25	6 7	5 19
M29	23 11	18 57	3 16	19 15	0 28	22 39	1 15	24 40	4 52	22 38	0 5	4 58	2 23	12 53	0 28	21 43	1 25	12 34	10 11	12 3	11 37	9 27	6 6	5 19
T 30	23n 8	19n16	4s 2	18n53	0s42	22n27	1n17	24s46	4s56	22n36	0n 6	4n59	2s24	12s53	0n28	21s43	1n25	12n34	10s11	12s 0	11s36	9n29	6n 4	5s18

Julian Day Number = 2504291.5, Delta T = 117.91 sec
Ecliptic obliquity = 23°25'05, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°45'30, Lahiri = 25°52'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2144
geocentric

JULY 2144 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 37 56	9♋40'16	7♋24	3♌ 5	25♋45	0°R40	15♋46	18♈26	5°R25	21°R22	16♊16	1°R22	0♏20	22♈51	1♍19	W 1
T 2	18 41 52	10°37'31	20°35	3°32	26°58	0♒30	16° 0	18°28	5♏25	21♐20	16°17	1♏11	0°17	22°58	1°25	T 2
F 3	18 45 49	11°34'45	4♌ 2	3°56	28°12	0°19	16°13	18°31	5°24	21°19	16°19	0°59	0°14	23° 4	1°32	F 3
S 4	18 49 45	12°31'59	17°41	4°15	29°25	0° 8	16°27	18°34	5°24	21°17	16°20	0°49	0°11	23°11	1°38	S 4
S 5	18 53 42	13°29'13	1♍29	4°29	0♌39	29♉56	16°40	18°37	5°23	21°16	16°21	0°42	0° 8	23°18	1°44	S 5
M 6	18 57 38	14°26'26	15°26	4°39	1°52	29°43	16°54	18°39	5°23	21°15	16°22	0°36	0° 4	23°24	1°51	M 6
T 7	19 1 35	15°23'39	29°27	4°44	3° 5	29°30	17° 7	18°42	5°22	21°13	16°24	0°34	0° 1	23°31	1°57	T 7
W 8	19 5 31	16°20'52	13♎33	4°R44	4°19	29°17	17°21	18°44	5°22	21°12	16°25	0°D33	29♎58	23°38	2° 4	W 8
T 9	19 9 28	17°18'05	27°41	4°40	5°32	29° 2	17°34	18°46	5°22	21°10	16°26	0°R33	29°55	23°44	2°11	T 9
F 10	19 13 25	18°15'17	11♏50	4°31	6°45	28°48	17°48	18°49	5°22	21° 9	16°27	0°33	29°52	23°51	2°17	F 10
S 11	19 17 21	19°12'29	26° 1	4°18	7°59	28°33	18° 1	18°51	5°21	21° 7	16°29	0°31	29°48	23°58	2°24	S 11
S 12	19 21 18	20° 9'42	10♐ 9	4° 0	9°12	28°18	18°15	18°53	5°21	21° 6	16°30	0°26	29°45	24° 4	2°31	S 12
M13	19 25 14	21° 6'54	24°12	3°38	10°25	28° 2	18°29	18°54	5°D21	21° 5	16°31	0°19	29°42	24°11	2°38	M13
T 14	19 29 11	22° 4'06	8♑ 7	3°12	11°39	27°46	18°42	18°56	5°21	21° 3	16°32	0°10	29°39	24°18	2°45	T 14
W15	19 33 7	23° 1'18	21°49	2°42	12°52	27°30	18°56	18°58	5°21	21° 2	16°33	29♎58	29°36	24°24	2°52	W15
T 16	19 37 4	23°58'31	5♒15	2° 9	14° 5	27°13	19° 9	18°59	5°22	21° 1	16°34	29°46	29°33	24°31	2°59	T 16
F 17	19 41 0	24°55'44	18°22	1°33	15°19	26°56	19°23	19° 1	5°22	20°59	16°36	29°34	29°29	24°37	3° 6	F 17
S 18	19 44 57	25°52'57	1♓10	0°56	16°32	26°40	19°36	19° 2	5°22	20°58	16°37	29°24	29°26	24°44	3°13	S 18
S 19	19 48 54	26°50'10	13°39	0°16	17°45	26°23	19°50	19° 4	5°22	20°57	16°38	29°16	29°23	24°51	3°20	S 19
M20	19 52 50	27°47'25	25°52	29♋36	18°58	26° 6	20° 3	19° 5	5°23	20°56	16°39	29°11	29°20	24°57	3°28	M20
T 21	19 56 47	28°44'40	7♈52	28°55	20°11	25°49	20°16	19° 6	5°23	20°54	16°40	29° 8	29°17	25° 4	3°35	T 21
W22	20 0 43	29°41'55	19°43	28°15	21°25	25°32	20°30	19° 7	5°23	20°53	16°41	29° 7	29°13	25°11	3°42	W22
T 23	20 4 40	0♌39'12	1♉32	27°36	22°38	25°15	20°43	19° 8	5°24	20°52	16°42	29° 7	29°10	25°17	3°50	T 23
F 24	20 8 36	1°36'29	13°22	26°59	23°51	24°58	20°57	19° 9	5°24	20°51	16°43	29° 7	29° 7	25°24	3°57	F 24
S 25	20 12 33	2°33'47	25°21	26°24	25° 4	24°41	21°10	19° 9	5°25	20°50	16°44	29° 5	29° 4	25°31	4° 5	S 25
S 26	20 16 29	3°31'06	7♊32	25°53	26°17	24°25	21°23	19°10	5°26	20°49	16°45	29° 2	29° 1	25°37	4°12	S 26
M27	20 20 26	4°28'25	20° 0	25°25	27°30	24° 9	21°37	19°10	5°26	20°48	16°46	28°56	28°58	25°44	4°20	M27
T 28	20 24 23	5°25'46	2♋48	25° 2	28°43	23°53	21°50	19°11	5°27	20°47	16°47	28°47	28°54	25°51	4°27	T 28
W29	20 28 19	6°23'07	15°58	24°44	29°56	23°37	22° 3	19°11	5°28	20°46	16°48	28°37	28°51	25°57	4°35	W29
T 30	20 32 16	7°20'29	29°29	24°30	1♍10	23°22	22°17	19°11	5°29	20°45	16°49	28°25	28°48	26° 4	4°43	T 30
F 31	20 36 12	8♌17'52	13♌18	24♋23	2♍23	23♉ 7	22♋30	19°R11	5♏30	20♐44	16♊50	28♎13	28♎45	26♈10	4♍50	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 4	18n36	4s37	18n32	0s56	22n15	1n18	24s52	5s 0	22n35	0n 6	5n 0	2s24	12s52	0n28	21s43	1n25	12n34	10s11	11s56	11s35	9n30	6n 3	5s18
T 2	23 0	16 57	4 57	18 12	1 11	22 3	1 19	24 59	5 5	22 33	0 6	5 1	2 24	12 52	0 28	21 43	1 25	12 35	10 11	11 52	11 34	9 32	6 1	5 17
F 3	22 55	14 20	5 2	17 52	1 26	21 49	1 21	25 5	5 9	22 32	0 6	5 2	2 24	12 52	0 28	21 43	1 25	12 35	10 11	11 48	11 33	9 33	5 59	5 16
S 4	22 50	10 55	4 50	17 33	1 41	21 35	1 22	25 12	5 13	22 30	0 6	5 2	2 25	12 52	0 28	21 43	1 25	12 35	10 11	11 45	11 31	9 35	5 58	5 16
S 5	22 44	6 53	4 20	17 15	1 56	21 21	1 23	25 18	5 17	22 29	0 6	5 3	2 25	12 52	0 28	21 43	1 25	12 35	10 11	11 42	11 30	9 37	5 56	5 15
M 6	22 38	2 26	3 35	16 57	2 12	21 6	1 24	25 25	5 21	22 27	0 6	5 4	2 25	12 52	0 28	21 43	1 25	12 35	10 11	11 40	11 29	9 38	5 54	5 15
T 7	22 32	2s11	2 37	16 41	2 27	20 50	1 25	25 31	5 24	22 26	0 6	5 5	2 25	12 52	0 28	21 43	1 25	12 35	10 12	11 39	11 28	9 40	5 53	5 14
W 8	22 25	6 42	1 29	16 26	2 42	20 34	1 26	25 38	5 28	22 24	0 6	5 5	2 26	12 52	0 28	21 43	1 25	12 35	10 12	11 39	11 27	9 42	5 51	5 13
T 9	22 18	10 53	0 15	16 12	2 57	20 17	1 27	25 44	5 32	22 22	0 6	5 6	2 26	12 51	0 28	21 43	1 25	12 35	10 12	11 39	11 26	9 43	5 49	5 13
F 10	22 11	14 26	1n 0	16 0	3 12	19 59	1 28	25 51	5 35	22 21	0 7	5 6	2 26	12 51	0 28	21 43	1 25	12 35	10 12	11 39	11 25	9 45	5 47	5 12
S 11	22 3	17 7	2 11	15 49	3 27	19 41	1 29	25 57	5 39	22 19	0 7	5 7	2 26	12 51	0 28	21 43	1 25	12 35	10 12	11 38	11 24	9 47	5 45	5 12
S 12	21 54	18 46	3 13	15 40	3 41	19 23	1 30	26 4	5 42	22 17	0 7	5 7	2 27	12 51	0 28	21 43	1 25	12 35	10 12	11 37	11 23	9 48	5 43	5 11
M13	21 46	19 14	4 4	15 32	3 54	19 4	1 31	26 10	5 45	22 15	0 7	5 8	2 27	12 51	0 28	21 42	1 25	12 35	10 12	11 35	11 21	9 50	5 41	5 11
T 14	21 37	18 32	4 39	15 26	4 6	18 44	1 31	26 16	5 48	22 14	0 7	5 8	2 27	12 51	0 28	21 42	1 25	12 35	10 12	11 31	11 20	9 51	5 39	5 10
W15	21 27	16 45	4 58	15 21	4 17	18 24	1 32	26 22	5 51	22 12	0 7	5 9	2 28	12 52	0 28	21 42	1 25	12 35	10 12	11 27	11 19	9 53	5 37	5 10
T 16	21 18	14 6	4 59	15 19	4 28	18 4	1 32	26 28	5 54	22 10	0 7	5 9	2 28	12 52	0 28	21 42	1 25	12 35	10 12	11 23	11 18	9 55	5 35	5 9
F 17	21 8	10 47	4 45	15 18	4 37	17 42	1 33	26 34	5 56	22 8	0 7	5 9	2 28	12 52	0 28	21 42	1 25	12 35	10 12	11 19	11 17	9 56	5 33	5 9
S 18	20 57	7 3	4 17	15 18	4 44	17 21	1 33	26 40	5 59	22 6	0 7	5 10	2 28	12 52	0 28	21 42	1 25	12 35	10 12	11 15	11 16	9 58	5 31	5 8
S 19	20 46	3 6	3 36	15 21	4 50	16 59	1 33	26 46	6 1	22 5	0 7	5 10	2 29	12 52	0 28	21 42	1 25	12 35	10 13	11 12	11 15	10 0	5 29	5 8
M20	20 35	0n54	2 47	15 25	4 55	16 36	1 34	26 51	6 3	22 3	0 7	5 10	2 29	12 52	0 28	21 42	1 25	12 35	10 13	11 11	11 14	10 1	5 27	5 7
T 21	20 24	4 48	1 50	15 30	4 58	16 13	1 34	26 56	6 5	22 1	0 8	5 10	2 29	12 52	0 28	21 42	1 25	12 35	10 13	11 10	11 12	10 3	5 25	5 7
W22	20 12	8 28	0 50	15 37	4 59	15 50	1 34	27 1	6 7	21 59	0 8	5 10	2 30	12 52	0 28	21 42	1 24	12 35	10 13	11 9	11 11	10 4	5 23	5 6
T 23	20 0	11 48	0s13	15 45	4 58	15 26	1 34	27 6	6 8	21 57	0 8	5 10	2 30	12 53	0 28	21 42	1 24	12 35	10 13	11 9	11 10	10 6	5 20	5 6
F 24	19 47	14 39	1 15	15 54	4 56	15 2	1 34	27 10	6 10	21 55	0 8	5 10	2 30	12 53	0 28	21 42	1 24	12 35	10 13	11 9	11 9	10 8	5 18	5 5
S 25	19 34	16 55	2 14	16 5	4 52	14 37	1 34	27 15	6 11	21 53	0 8	5 10	2 30	12 53	0 27	21 42	1 24	12 35	10 13	11 9	11 8	10 9	5 16	5 5
S 26	19 21	18 27	3 9	16 16	4 46	14 12	1 33	27 19	6 12	21 51	0 8	5 10	2 31	12 53	0 27	21 42	1 24	12 35	10 13	11 7	11 7	10 11	5 14	5 5
M27	19 8	19 8	3 55	16 28	4 39	13 47	1 33	27 23	6 13	21 49	0 8	5 10	2 31	12 54	0 27	21 42	1 24	12 35	10 13	11 5	11 6	10 12	5 11	5 4
T 28	18 54	18 52	4 31	16 41	4 30	13 21	1 33	27 26	6 14	21 47	0 8	5 10	2 31	12 54	0 27	21 42	1 24	12 35	10 14	11 2	11 5	10 14	5 9	5 4
W29	18 40	17 36	4 54	16 54	4 20	12 55	1 32	27 30	6 14	21 45	0 8	5 10	2 31	12 54	0 27	21 42	1 24	12 35	10 14	10 58	11 3	10 16	5 7	5 3
T 30	18 25	15 20	5 1	17 7	4 9	12 29	1 32	27 33	6 14	21 43	0 8	5 10	2 32	12 54	0 27	21 42	1 24	12 35	10 14	10 54	11 2	10 17	5 4	5 3
F 31	18n10	12n10	4s51	17n20	3s57	12n 2	1n31	27s35	6s15	21n41	0n 9	5n 9	2s32	12s55	0n27	21s42	1n24	12n35	10s14	10s50	11s 1	10n19	5n 2	5s 3

Julian Day Number = 2504321.5, Delta T = 117.97 sec
Ecliptic obliquity = 23°25'05, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°45'34, Lahiri = 25°52'34

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ASTRODIENST EPHEMERIS for the year 2144
geocentric

AUGUST 2144 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 40 9	9♌15'16	27♌22	24°D21	3♍36	22°R53	22♋43	19°R11	5♏30	20°R43	16♊51	28°R 3	28♎42	26♈17	4♍58	S 1
S 2	20 44 5	10°12'40	11♍36	24♋25	4°49	22♑39	22°56	19♈11	5°31	20♐42	16°52	27♎54	28°39	26°24	5° 6	S 2
M 3	20 48 2	11°10'05	25°55	24°36	6° 2	22°26	23°10	19°11	5°33	20°41	16°53	27°49	28°35	26°30	5°14	M 3
T 4	20 51 58	12° 7'30	10♎14	24°53	7°15	22°14	23°23	19°10	5°34	20°40	16°53	27°46	28°32	26°37	5°22	T 4
W 5	20 55 55	13° 4'56	24°30	25°16	8°28	22° 2	23°36	19°10	5°35	20°39	16°54	27°D45	28°29	26°44	5°29	W 5
T 6	20 59 52	14° 2'23	8♏40	25°46	9°41	21°51	23°49	19° 9	5°36	20°38	16°55	27°R45	28°26	26°50	5°37	T 6
F 7	21 3 48	14°59'50	22°44	26°22	10°54	21°40	24° 2	19° 8	5°37	20°38	16°56	27°45	28°23	26°57	5°45	F 7
S 8	21 7 45	15°57'19	6♐41	27° 4	12° 6	21°30	24°15	19° 8	5°39	20°37	16°57	27°43	28°19	27° 4	5°53	S 8
S 9	21 11 41	16°54'47	20°30	27°53	13°19	21°21	24°28	19° 7	5°40	20°36	16°58	27°39	28°16	27°10	6° 1	S 9
M10	21 15 38	17°52'17	4♑10	28°48	14°32	21°12	24°41	19° 6	5°41	20°35	16°58	27°33	28°13	27°17	6° 9	M10
T 11	21 19 34	18°49'47	17°40	29°49	15°45	21° 5	24°54	19° 5	5°43	20°35	16°59	27°24	28°10	27°24	6°17	T 11
W12	21 23 31	19°47'19	0♒58	0♌56	16°58	20°58	25° 7	19° 4	5°44	20°34	17° 0	27°14	28° 7	27°30	6°25	W12
T 13	21 27 27	20°44'51	14° 3	2° 9	18°11	20°52	25°19	19° 2	5°46	20°33	17° 1	27° 2	28° 4	27°37	6°34	T 13
F 14	21 31 24	21°42'24	26°53	3°27	19°23	20°46	25°32	19° 1	5°47	20°33	17° 1	26°52	28° 0	27°44	6°42	F 14
S 15	21 35 21	22°39'59	9♓28	4°51	20°36	20°42	25°45	18°59	5°49	20°32	17° 2	26°42	27°57	27°50	6°50	S 15
S 16	21 39 17	23°37'34	21°48	6°19	21°49	20°38	25°58	18°58	5°51	20°32	17° 3	26°35	27°54	27°57	6°58	S 16
M17	21 43 14	24°35'11	3♈55	7°52	23° 1	20°35	26°10	18°56	5°53	20°31	17° 3	26°30	27°51	28° 3	7° 6	M17
T 18	21 47 10	25°32'50	15°52	9°30	24°14	20°33	26°23	18°54	5°54	20°31	17° 4	26°27	27°48	28°10	7°14	T 18
W19	21 51 7	26°30'30	27°42	11°12	25°27	20°32	26°35	18°53	5°56	20°30	17° 4	26°D27	27°45	28°17	7°23	W19
T 20	21 55 3	27°28'11	9♉29	12°57	26°39	20°D31	26°48	18°51	5°58	20°30	17° 5	26°27	27°41	28°23	7°31	T 20
F 21	21 59 0	28°25'54	21°19	14°45	27°52	20°32	27° 0	18°49	6° 0	20°30	17° 6	26°28	27°38	28°30	7°39	F 21
S 22	22 2 56	29°23'39	3♊17	16°36	29° 4	20°33	27°13	18°46	6° 2	20°29	17° 6	26°R28	27°35	28°37	7°47	S 22
S 23	22 6 53	0♍21'25	15°29	18°30	0♎17	20°35	27°25	18°44	6° 4	20°29	17° 7	26°27	27°32	28°43	7°56	S 23
M24	22 10 50	1°19'13	27°59	20°25	1°29	20°38	27°37	18°42	6° 6	20°29	17° 7	26°24	27°29	28°50	8° 4	M24
T 25	22 14 46	2°17'03	10♋50	22°22	2°42	20°41	27°50	18°40	6° 8	20°28	17° 8	26°19	27°25	28°57	8°12	T 25
W26	22 18 43	3°14'54	24° 7	24°20	3°54	20°46	28° 2	18°37	6°10	20°28	17° 8	26°11	27°22	29° 3	8°20	W26
T 27	22 22 39	4°12'47	7♌49	26°18	5° 7	20°51	28°14	18°34	6°12	20°28	17° 8	26° 3	27°19	29°10	8°29	T 27
F 28	22 26 36	5°10'41	21°54	28°18	6°19	20°57	28°26	18°32	6°15	20°28	17° 9	25°55	27°16	29°17	8°37	F 28
S 29	22 30 32	6° 8'37	6♍18	0♍17	7°32	21° 4	28°38	18°29	6°17	20°28	17° 9	25°47	27°13	29°23	8°45	S 29
S 30	22 34 29	7° 6'35	20°56	2°16	8°44	21°12	28°50	18°26	6°19	20°28	17°10	25°42	27°10	29°30	8°54	S 30
M31	22 38 25	8♍ 4'34	5♎39	4♍15	9♎56	21♑20	29♋ 2	18♈23	6♏22	20♐28	17♊10	25♎38	27♎ 6	29♈36	9♍ 2	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n55	8n15	4s23	17n34	3s44	11n35	1n31	27s38	6s15	21n39	0n 9	5n 9	2s32	12s55	0n27	21s42	1n24	12n35	10s14	10s46	11s 0	10n20	4n59	5s 2
S 2	17 40	3 50	3 39	17 47	3 30	11 8	1 30	27 40	6 14	21 37	0 9	5 9	2 33	12 55	0 27	21 42	1 24	12 35	10 14	10 43	10 59	10 22	4 57	5 2
M 3	17 25	0s50	2 40	17 59	3 15	10 40	1 29	27 42	6 14	21 35	0 9	5 9	2 33	12 56	0 27	21 42	1 24	12 35	10 14	10 41	10 58	10 24	4 54	5 1
T 4	17 9	5 27	1 32	18 11	3 0	10 12	1 28	27 44	6 14	21 33	0 9	5 8	2 33	12 56	0 27	21 42	1 24	12 35	10 14	10 40	10 57	10 25	4 52	5 1
W 5	16 52	9 45	0 17	18 22	2 44	9 44	1 27	27 45	6 13	21 30	0 9	5 8	2 33	12 57	0 27	21 42	1 24	12 35	10 15	10 40	10 56	10 27	4 49	5 1
T 6	16 36	13 28	0n58	18 33	2 28	9 16	1 26	27 46	6 12	21 28	0 9	5 7	2 34	12 57	0 27	21 42	1 24	12 35	10 15	10 40	10 54	10 28	4 47	5 0
F 7	16 19	16 22	2 9	18 42	2 12	8 47	1 25	27 47	6 11	21 26	0 9	5 7	2 34	12 58	0 27	21 42	1 24	12 35	10 15	10 40	10 53	10 30	4 44	5 0
S 8	16 2	18 16	3 11	18 50	1 56	8 19	1 24	27 48	6 10	21 24	0 9	5 6	2 34	12 58	0 27	21 42	1 24	12 34	10 15	10 39	10 52	10 31	4 42	5 0
S 9	15 45	19 3	4 2	18 56	1 40	7 49	1 23	27 48	6 9	21 22	0 9	5 6	2 35	12 58	0 27	21 42	1 24	12 34	10 15	10 38	10 51	10 33	4 39	4 59
M10	15 28	18 43	4 38	19 1	1 24	7 20	1 22	27 48	6 8	21 20	0 10	5 5	2 35	12 59	0 27	21 42	1 24	12 34	10 15	10 36	10 50	10 35	4 37	4 59
T 11	15 10	17 19	4 58	19 4	1 8	6 51	1 20	27 48	6 6	21 17	0 10	5 4	2 35	12 59	0 27	21 42	1 24	12 34	10 15	10 32	10 49	10 36	4 34	4 59
W12	14 52	15 0	5 2	19 5	0 52	6 21	1 19	27 47	6 5	21 15	0 10	5 4	2 35	13 0	0 27	21 42	1 24	12 34	10 16	10 29	10 48	10 38	4 31	4 58
T 13	14 34	11 58	4 50	19 4	0 37	5 51	1 17	27 47	6 3	21 13	0 10	5 3	2 36	13 1	0 27	21 42	1 24	12 34	10 16	10 25	10 47	10 39	4 29	4 58
F 14	14 15	8 25	4 23	19 0	0 23	5 21	1 16	27 46	6 1	21 11	0 10	5 2	2 36	13 1	0 27	21 42	1 23	12 34	10 16	10 21	10 45	10 41	4 26	4 58
S 15	13 57	4 34	3 43	18 54	0 8	4 51	1 14	27 44	5 59	21 8	0 10	5 1	2 36	13 2	0 27	21 42	1 23	12 34	10 16	10 17	10 44	10 42	4 23	4 57
S 16	13 38	0 35	2 54	18 45	0n 5	4 21	1 12	27 43	5 57	21 6	0 10	5 1	2 36	13 2	0 27	21 42	1 23	12 34	10 16	10 15	10 43	10 44	4 21	4 57
M17	13 19	3n21	1 58	18 34	0 18	3 51	1 10	27 41	5 55	21 4	0 10	5 0	2 37	13 3	0 27	21 42	1 23	12 34	10 16	10 13	10 42	10 45	4 18	4 57
T 18	13 0	7 6	0 56	18 20	0 30	3 20	1 9	27 40	5 53	21 2	0 10	4 59	2 37	13 3	0 27	21 42	1 23	12 34	10 17	10 12	10 41	10 47	4 15	4 57
W19	12 40	10 32	0s 7	18 4	0 41	2 50	1 7	27 38	5 51	20 59	0 11	4 58	2 37	13 4	0 27	21 42	1 23	12 33	10 17	10 12	10 40	10 48	4 12	4 56
T 20	12 20	13 32	1 9	17 44	0 51	2 19	1 5	27 35	5 48	20 57	0 11	4 57	2 37	13 5	0 27	21 42	1 23	12 33	10 17	10 12	10 39	10 50	4 10	4 56
F 21	12 1	15 59	2 10	17 22	1 1	1 48	1 3	27 33	5 46	20 55	0 11	4 56	2 38	13 5	0 27	21 42	1 23	12 33	10 17	10 12	10 37	10 52	4 7	4 56
S 22	11 40	17 46	3 5	16 57	1 9	1 18	1 0	27 30	5 43	20 53	0 11	4 55	2 38	13 6	0 27	21 42	1 23	12 33	10 17	10 12	10 36	10 53	4 4	4 55
S 23	11 20	18 47	3 52	16 30	1 17	0 47	0 58	27 27	5 41	20 50	0 11	4 54	2 38	13 7	0 27	21 42	1 23	12 33	10 17	10 12	10 35	10 55	4 1	4 55
M24	11 0	18 54	4 30	16 0	1 24	0 16	0 56	27 24	5 38	20 48	0 11	4 53	2 38	13 7	0 27	21 42	1 23	12 33	10 18	10 11	10 34	10 56	3 58	4 55
T 25	10 39	18 4	4 56	15 27	1 30	0s15	0 54	27 21	5 35	20 46	0 11	4 52	2 39	13 8	0 27	21 42	1 23	12 33	10 18	10 9	10 33	10 58	3 55	4 55
W26	10 18	16 14	5 7	14 53	1 34	0 46	0 51	27 18	5 33	20 43	0 11	4 50	2 39	13 9	0 26	21 42	1 23	12 33	10 18	10 6	10 32	10 59	3 53	4 55
T 27	9 57	13 27	5 1	14 17	1 38	1 17	0 49	27 14	5 30	20 41	0 11	4 49	2 39	13 10	0 26	21 42	1 23	12 32	10 18	10 3	10 31	11 1	3 50	4 54
F 28	9 36	9 50	4 36	13 39	1 42	1 48	0 46	27 10	5 27	20 39	0 12	4 48	2 39	13 10	0 26	21 42	1 23	12 32	10 18	10 0	10 29	11 2	3 47	4 54
S 29	9 15	5 34	3 54	12 59	1 44	2 19	0 44	27 6	5 24	20 36	0 12	4 47	2 39	13 11	0 26	21 42	1 23	12 32	10 18	9 57	10 28	11 4	3 44	4 54
S 30	8 54	0 54	2 56	12 18	1 45	2 50	0 41	27 2	5 21	20 34	0 12	4 45	2 40	13 12	0 26	21 42	1 23	12 32	10 19	9 55	10 27	11 5	3 41	4 54
M31	8n32	3s52	1s46	11n35	1n46	3s20	0n39	26s58	5s18	20n32	0n12	4n44	2s40	13s13	0n26	21s42	1n23	12n32	10s19	9s54	10s26	11n 7	3n38	4s54

Julian Day Number = 2504352.5, Delta T = 118.02 sec
Ecliptic obliquity = 23°25'06, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°45'38, Lahiri = 25°52'38

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ASTRODIENST EPHEMERIS for the year 2144
geocentric

SEPTEMBER 2144 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 42 22	9♍ 2'34	20♎21	6♍14	11♎ 9	21♑29	29♋13	18°R20	6♏24	20°D28	17♊10	25°D36	27♎ 3	29♈43	9♍10	T 1
W 2	22 46 19	10° 0'36	4♏57	8°12	12°21	21°39	29°25	18♈17	6°26	20♐28	17°11	25♎36	27° 0	29°50	9°19	W 2
T 3	22 50 15	10°58'39	19°20	10° 9	13°33	21°50	29°37	18°14	6°29	20°28	17°11	25°38	26°57	29°56	9°27	T 3
F 4	22 54 12	11°56'44	3♐30	12° 5	14°45	22° 2	29°48	18°11	6°31	20°28	17°11	25°39	26°54	0♉ 3	9°36	F 4
S 5	22 58 8	12°54'50	17°25	14° 0	15°58	22°14	29°59	18° 7	6°34	20°28	17°11	25°R39	26°51	0°10	9°44	S 5
S 6	23 2 5	13°52'57	1♑ 4	15°55	17°10	22°27	0♌11	18° 4	6°37	20°28	17°12	25°37	26°47	0°16	9°52	S 6
M 7	23 6 1	14°51'06	14°29	17°48	18°22	22°41	0°23	18° 0	6°39	20°28	17°12	25°34	26°44	0°23	10° 1	M 7
T 8	23 9 58	15°49'16	27°39	19°40	19°34	22°55	0°34	17°57	6°42	20°28	17°12	25°29	26°41	0°30	10° 9	T 8
W 9	23 13 54	16°47'28	10♒36	21°31	20°46	23°10	0°45	17°53	6°45	20°29	17°12	25°23	26°38	0°36	10°17	W 9
T 10	23 17 51	17°45'41	23°19	23°20	21°58	23°26	0°56	17°49	6°47	20°29	17°12	25°17	26°35	0°43	10°26	T 10
F 11	23 21 47	18°43'55	5♓50	25° 9	23°10	23°42	1° 7	17°46	6°50	20°29	17°13	25°10	26°31	0°50	10°34	F 11
S 12	23 25 44	19°42'12	18° 9	26°56	24°22	23°59	1°18	17°42	6°53	20°29	17°13	25° 5	26°28	0°56	10°42	S 12
S 13	23 29 41	20°40'30	0♈18	28°43	25°34	24°17	1°29	17°38	6°56	20°30	17°13	25° 1	26°25	1° 3	10°50	S 13
M14	23 33 37	21°38'50	12°17	0♎28	26°45	24°35	1°40	17°34	6°59	20°30	17°13	24°58	26°22	1° 9	10°59	M14
T 15	23 37 34	22°37'12	24° 9	2°12	27°57	24°54	1°51	17°30	7° 2	20°31	17°13	24°D58	26°19	1°16	11° 7	T 15
W16	23 41 30	23°35'36	5♉57	3°55	29° 9	25°14	2° 1	17°26	7° 5	20°31	17°R13	24°58	26°16	1°23	11°15	W16
T 17	23 45 27	24°34'02	17°44	5°37	0♏21	25°34	2°12	17°22	7° 8	20°32	17°13	25° 0	26°12	1°29	11°23	T 17
F 18	23 49 23	25°32'30	29°34	7°17	1°32	25°54	2°22	17°18	7°11	20°32	17°13	25° 1	26° 9	1°36	11°32	F 18
S 19	23 53 20	26°31'01	11♊31	8°57	2°44	26°15	2°33	17°13	7°14	20°33	17°13	25° 3	26° 6	1°43	11°40	S 19
S 20	23 57 16	27°29'33	23°42	10°36	3°55	26°37	2°43	17° 9	7°17	20°33	17°13	25°R 4	26° 3	1°49	11°48	S 20
M21	0 1 13	28°28'08	6♋ 9	12°13	5° 7	26°59	2°53	17° 5	7°20	20°34	17°13	25° 4	26° 0	1°56	11°56	M21
T 22	0 5 10	29°26'45	18°58	13°50	6°19	27°22	3° 3	17° 1	7°23	20°35	17°13	25° 2	25°56	2° 3	12° 4	T 22
W23	0 9 6	0♎25'24	2♌12	15°26	7°30	27°45	3°13	16°56	7°26	20°35	17°12	25° 0	25°53	2° 9	12°13	W23
T 24	0 13 3	1°24'05	15°53	17° 0	8°41	28° 9	3°23	16°52	7°29	20°36	17°12	24°57	25°50	2°16	12°21	T 24
F 25	0 16 59	2°22'48	0♍ 1	18°34	9°53	28°33	3°33	16°47	7°33	20°37	17°12	24°54	25°47	2°23	12°29	F 25
S 26	0 20 56	3°21'34	14°33	20° 7	11° 4	28°58	3°42	16°43	7°36	20°38	17°12	24°51	25°44	2°29	12°37	S 26
S 27	0 24 52	4°20'21	29°24	21°38	12°15	29°23	3°52	16°38	7°39	20°38	17°12	24°48	25°41	2°36	12°45	S 27
M28	0 28 49	5°19'10	14♎26	23° 9	13°27	29°49	4° 1	16°34	7°42	20°39	17°11	24°47	25°37	2°42	12°53	M28
T 29	0 32 45	6°18'02	29°30	24°39	14°38	0♒15	4°10	16°29	7°46	20°40	17°11	24°D47	25°34	2°49	13° 1	T 29
W30	0 36 42	7♎16'55	14♏27	26♎ 8	15♏49	0♒41	4♌20	16♈24	7♏49	20♐41	17♊11	24♎48	25♎31	2♉56	13♍ 9	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n10	8s23	0s28	10n52	1n46	3s51	0n36	26s53	5s15	20n29	0n12	4n43	2s40	13s14	0n26	21s42	1n23	12n32	10s19	9s53	10s25	11n 8	3n35	4s53
W 2	7 49	12 22	0n50	10 7	1 46	4 22	0 33	26 49	5 12	20 27	0 12	4 41	2 40	13 14	0 26	21 42	1 23	12 32	10 19	9 53	10 24	11 10	3 32	4 53
T 3	7 27	15 32	2 5	9 22	1 44	4 53	0 30	26 44	5 9	20 25	0 12	4 40	2 40	13 15	0 26	21 42	1 22	12 31	10 19	9 54	10 23	11 11	3 29	4 53
F 4	7 5	17 43	3 11	8 36	1 42	5 23	0 28	26 39	5 6	20 22	0 12	4 39	2 41	13 16	0 26	21 42	1 22	12 31	10 20	9 54	10 21	11 13	3 26	4 53
S 5	6 42	18 46	4 4	7 50	1 40	5 54	0 25	26 34	5 3	20 20	0 12	4 37	2 41	13 17	0 26	21 42	1 22	12 31	10 20	9 54	10 20	11 14	3 23	4 53
S 6	6 20	18 42	4 43	7 3	1 37	6 24	0 22	26 29	5 0	20 18	0 13	4 36	2 41	13 18	0 26	21 42	1 22	12 31	10 20	9 54	10 19	11 16	3 20	4 53
M 7	5 58	17 35	5 5	6 15	1 34	6 54	0 19	26 23	4 57	20 16	0 13	4 34	2 41	13 19	0 26	21 43	1 22	12 31	10 20	9 53	10 18	11 17	3 17	4 52
T 8	5 35	15 33	5 10	5 28	1 30	7 24	0 16	26 18	4 54	20 13	0 13	4 33	2 41	13 20	0 26	21 43	1 22	12 31	10 20	9 51	10 17	11 19	3 14	4 52
W 9	5 13	12 45	5 0	4 41	1 26	7 54	0 13	26 12	4 50	20 11	0 13	4 31	2 42	13 21	0 26	21 43	1 22	12 30	10 20	9 49	10 16	11 20	3 11	4 52
T 10	4 50	9 25	4 34	3 53	1 21	8 24	0 9	26 6	4 47	20 9	0 13	4 30	2 42	13 22	0 26	21 43	1 22	12 30	10 21	9 46	10 15	11 22	3 8	4 52
F 11	4 27	5 42	3 56	3 5	1 16	8 54	0 6	26 0	4 44	20 6	0 13	4 28	2 42	13 22	0 26	21 43	1 22	12 30	10 21	9 44	10 13	11 23	3 5	4 52
S 12	4 4	1 48	3 8	2 18	1 11	9 23	0 3	25 54	4 41	20 4	0 13	4 26	2 42	13 23	0 26	21 43	1 22	12 30	10 21	9 42	10 12	11 25	3 2	4 52
S 13	3 42	2n 7	2 11	1 31	1 5	9 52	0s 0	25 48	4 38	20 2	0 13	4 25	2 42	13 24	0 26	21 43	1 22	12 30	10 21	9 40	10 11	11 26	2 59	4 52
M14	3 19	5 55	1 9	0 43	0 59	10 22	0 3	25 41	4 35	20 0	0 14	4 23	2 42	13 25	0 26	21 43	1 22	12 30	10 21	9 40	10 10	11 28	2 56	4 52
T 15	2 56	9 26	0 4	0s 3	0 53	10 50	0 7	25 35	4 31	19 57	0 14	4 22	2 43	13 26	0 26	21 43	1 22	12 29	10 22	9 39	10 9	11 29	2 53	4 52
W16	2 33	12 33	1s 0	0 50	0 47	11 19	0 10	25 28	4 28	19 55	0 14	4 20	2 43	13 27	0 26	21 43	1 22	12 29	10 22	9 39	10 8	11 31	2 50	4 52
T 17	2 9	15 9	2 2	1 36	0 41	11 47	0 13	25 21	4 25	19 53	0 14	4 18	2 43	13 28	0 26	21 43	1 22	12 29	10 22	9 40	10 7	11 32	2 47	4 51
F 18	1 46	17 8	2 59	2 22	0 34	12 16	0 17	25 14	4 22	19 51	0 14	4 16	2 43	13 29	0 26	21 43	1 22	12 29	10 22	9 41	10 5	11 34	2 44	4 51
S 19	1 23	18 22	3 49	3 8	0 27	12 43	0 20	25 7	4 19	19 48	0 14	4 15	2 43	13 30	0 26	21 43	1 22	12 29	10 22	9 41	10 4	11 35	2 41	4 51
S 20	1 0	18 47	4 29	3 53	0 20	13 11	0 23	25 0	4 16	19 46	0 14	4 13	2 43	13 31	0 26	21 44	1 22	12 28	10 22	9 42	10 3	11 37	2 38	4 51
M21	0 36	18 19	4 58	4 38	0 13	13 38	0 27	24 52	4 13	19 44	0 14	4 11	2 43	13 32	0 26	21 44	1 22	12 28	10 23	9 41	10 2	11 38	2 35	4 51
T 22	0 13	16 54	5 13	5 22	0 6	14 5	0 30	24 45	4 9	19 42	0 15	4 9	2 43	13 33	0 26	21 44	1 21	12 28	10 23	9 41	10 1	11 40	2 32	4 51
W23	0s10	14 34	5 13	6 5	0s 1	14 32	0 34	24 37	4 6	19 40	0 15	4 8	2 44	13 34	0 26	21 44	1 21	12 28	10 23	9 40	10 0	11 41	2 29	4 51
T 24	0 33	11 22	4 54	6 48	0 9	14 58	0 37	24 29	4 3	19 37	0 15	4 6	2 44	13 36	0 26	21 44	1 21	12 28	10 23	9 39	9 58	11 42	2 26	4 51
F 25	0 57	7 25	4 18	7 31	0 16	15 24	0 41	24 21	4 0	19 35	0 15	4 4	2 44	13 37	0 26	21 44	1 21	12 27	10 23	9 38	9 57	11 44	2 23	4 51
S 26	1 20	2 56	3 24	8 13	0 23	15 50	0 44	24 13	3 57	19 33	0 15	4 2	2 44	13 38	0 26	21 44	1 21	12 27	10 24	9 37	9 56	11 45	2 20	4 51
S 27	1 43	1s50	2 16	8 54	0 31	16 15	0 48	24 4	3 54	19 31	0 15	4 0	2 44	13 39	0 26	21 44	1 21	12 27	10 24	9 36	9 55	11 47	2 17	4 51
M28	2 7	6 34	0 57	9 35	0 38	16 40	0 51	23 56	3 51	19 29	0 15	3 59	2 44	13 40	0 26	21 44	1 21	12 27	10 24	9 35	9 54	11 48	2 14	4 51
T 29	2 30	10 53	0n26	10 15	0 46	17 5	0 55	23 47	3 48	19 27	0 16	3 57	2 44	13 41	0 26	21 45	1 21	12 27	10 24	9 35	9 53	11 50	2 11	4 51
W30	2s53	14s27	1n47	10s54	0s53	17s29	0s58	23s39	3s45	19n25	0n16	3n55	2s44	13s42	0n26	21s45	1n21	12n26	10s24	9s36	9s51	11n51	2n 8	4s51

Julian Day Number = 2504383.5, Delta T = 118.08 sec
Ecliptic obliquity = 23°25'06, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°45'42, Lahiri = 25°52'43

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ASTRODIENST EPHEMERIS for the year 2144
geocentric

OCTOBER 2144 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 39	8♎15'50	29♏10	27♎36	17♏ 0	1♒ 8	4♌29	16°R20	7♏52	20♐42	17°R11	24♎49	25♎28	3♉ 2	13♍17	T 1
F 2	0 44 35	9°14'47	13♐35	29° 3	18°11	1°36	4°38	16♈15	7°56	20°43	17♊10	24°50	25°25	3° 9	13°25	F 2
S 3	0 48 32	10°13'46	27°38	0♏29	19°22	2° 4	4°47	16°10	7°59	20°44	17°10	24°51	25°22	3°16	13°33	S 3
S 4	0 52 28	11°12'46	11♑19	1°54	20°33	2°32	4°55	16° 6	8° 3	20°45	17°10	24°R51	25°18	3°22	13°41	S 4
M 5	0 56 25	12°11'49	24°38	3°18	21°44	3° 0	5° 4	16° 1	8° 6	20°46	17° 9	24°51	25°15	3°29	13°48	M 5
T 6	1 0 21	13°10'52	7♒37	4°41	22°55	3°29	5°12	15°56	8°10	20°47	17° 9	24°50	25°12	3°36	13°56	T 6
W 7	1 4 18	14° 9'58	20°20	6° 3	24° 6	3°59	5°21	15°51	8°13	20°48	17° 8	24°49	25° 9	3°42	14° 4	W 7
T 8	1 8 14	15° 9'05	2♓47	7°23	25°17	4°28	5°29	15°47	8°17	20°49	17° 8	24°47	25° 6	3°49	14°11	T 8
F 9	1 12 11	16° 8'14	15° 2	8°43	26°27	4°59	5°37	15°42	8°20	20°51	17° 7	24°46	25° 2	3°56	14°19	F 9
S 10	1 16 7	17° 7'25	27° 8	10° 1	27°38	5°29	5°45	15°37	8°24	20°52	17° 7	24°45	24°59	4° 2	14°27	S 10
S 11	1 20 4	18° 6'38	9♈ 5	11°18	28°48	6° 0	5°53	15°33	8°27	20°53	17° 6	24°44	24°56	4° 9	14°34	S 11
M12	1 24 1	19° 5'53	20°57	12°34	29°59	6°31	6° 0	15°28	8°31	20°54	17° 6	24°D44	24°53	4°16	14°42	M12
T 13	1 27 57	20° 5'10	2♉46	13°48	1♗ 9	7° 2	6° 8	15°23	8°35	20°56	17° 5	24°44	24°50	4°22	14°49	T 13
W14	1 31 54	21° 4'29	14°34	15° 1	2°19	7°34	6°15	15°18	8°38	20°57	17° 5	24°44	24°47	4°29	14°57	W14
T 15	1 35 50	22° 3'51	26°22	16°12	3°30	8° 5	6°23	15°14	8°42	20°58	17° 4	24°45	24°43	4°35	15° 4	T 15
F 16	1 39 47	23° 3'14	8♊15	17°21	4°40	8°38	6°30	15° 9	8°46	21° 0	17° 4	24°45	24°40	4°42	15°11	F 16
S 17	1 43 43	24° 2'40	20°15	18°28	5°50	9°10	6°37	15° 4	8°49	21° 1	17° 3	24°45	24°37	4°49	15°19	S 17
S 18	1 47 40	25° 2'08	2♋26	19°33	7° 0	9°43	6°44	15° 0	8°53	21° 3	17° 2	24°R45	24°34	4°55	15°26	S 18
M19	1 51 36	26° 1'38	14°52	20°36	8°10	10°16	6°50	14°55	8°57	21° 4	17° 2	24°45	24°31	5° 2	15°33	M19
T 20	1 55 33	27° 1'11	27°37	21°36	9°20	10°49	6°57	14°51	9° 0	21° 5	17° 1	24°D45	24°27	5° 9	15°40	T 20
W21	1 59 30	28° 0'46	10♌44	22°33	10°30	11°23	7° 3	14°46	9° 4	21° 7	17° 0	24°45	24°24	5°15	15°47	W21
T 22	2 3 26	29° 0'23	24°16	23°28	11°39	11°57	7° 9	14°42	9° 8	21° 9	17° 0	24°45	24°21	5°22	15°55	T 22
F 23	2 7 23	0♏ 0'02	8♍15	24°19	12°49	12°31	7°16	14°37	9°11	21°10	16°59	24°46	24°18	5°29	16° 1	F 23
S 24	2 11 19	0°59'44	22°40	25° 6	13°58	13° 5	7°22	14°33	9°15	21°12	16°58	24°46	24°15	5°35	16° 8	S 24
S 25	2 15 16	1°59'27	7♎28	25°49	15° 8	13°39	7°27	14°28	9°19	21°13	16°57	24°47	24°12	5°42	16°15	S 25
M26	2 19 12	2°59'13	22°32	26°27	16°17	14°14	7°33	14°24	9°23	21°15	16°57	24°R47	24° 8	5°49	16°22	M26
T 27	2 23 9	3°59'01	7♏45	27° 1	17°27	14°49	7°38	14°20	9°26	21°17	16°56	24°47	24° 5	5°55	16°29	T 27
W28	2 27 5	4°58'51	22°57	27°28	18°36	15°24	7°44	14°15	9°30	21°18	16°55	24°46	24° 2	6° 2	16°36	W28
T 29	2 31 2	5°58'43	7♐57	27°50	19°45	16° 0	7°49	14°11	9°34	21°20	16°54	24°45	23°59	6° 9	16°42	T 29
F 30	2 34 59	6°58'37	22°39	28° 5	20°54	16°35	7°54	14° 7	9°38	21°22	16°53	24°44	23°56	6°15	16°49	F 30
S 31	2 38 55	7♏58'32	6♑56	28°R13	22♐ 3	17♒11	7♌58	14♈ 3	9♏41	21♐23	16♊53	24♎42	23♎53	6♉22	16♍55	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s16	17s 2	2n59	11s33	1s 0	17s53	1s 2	23s30	3s42	19n23	0n16	3n53	2s44	13s43	0n26	21s45	1n21	12n26	10s24	9s36	9s50	11n53	2n 5	4s51
F 2	3 40	18 28	3 59	12 11	1 8	18 16	1 5	23 21	3 39	19 21	0 16	3 51	2 44	13 44	0 26	21 45	1 21	12 26	10 25	9 36	9 49	11 54	2 2	4 51
S 3	4 3	18 42	4 42	12 48	1 15	18 39	1 9	23 11	3 36	19 19	0 16	3 50	2 44	13 45	0 26	21 45	1 21	12 26	10 25	9 37	9 48	11 55	1 59	4 51
S 4	4 26	17 49	5 8	13 25	1 22	19 2	1 12	23 2	3 33	19 17	0 16	3 48	2 44	13 46	0 26	21 45	1 21	12 26	10 25	9 37	9 47	11 57	1 56	4 51
M 5	4 49	15 58	5 17	14 0	1 29	19 24	1 16	22 52	3 30	19 15	0 16	3 46	2 44	13 48	0 26	21 45	1 21	12 25	10 25	9 37	9 46	11 58	1 53	4 51
T 6	5 12	13 22	5 9	14 35	1 37	19 46	1 19	22 43	3 27	19 13	0 17	3 44	2 44	13 49	0 26	21 45	1 21	12 25	10 25	9 36	9 45	12 0	1 50	4 51
W 7	5 35	10 10	4 46	15 9	1 43	20 7	1 22	22 33	3 24	19 11	0 17	3 42	2 44	13 50	0 26	21 45	1 21	12 25	10 25	9 36	9 43	12 1	1 47	4 52
T 8	5 58	6 35	4 10	15 42	1 50	20 27	1 26	22 23	3 21	19 9	0 17	3 40	2 44	13 51	0 25	21 46	1 21	12 25	10 26	9 36	9 42	12 3	1 44	4 52
F 9	6 21	2 46	3 23	16 14	1 57	20 47	1 29	22 13	3 18	19 8	0 17	3 39	2 44	13 52	0 25	21 46	1 21	12 25	10 26	9 35	9 41	12 4	1 41	4 52
S 10	6 43	1n 7	2 28	16 46	2 4	21 7	1 33	22 2	3 16	19 6	0 17	3 37	2 45	13 53	0 25	21 46	1 21	12 24	10 26	9 35	9 40	12 5	1 38	4 52
S 11	7 6	4 55	1 26	17 16	2 10	21 26	1 36	21 52	3 13	19 4	0 17	3 35	2 45	13 55	0 25	21 46	1 21	12 24	10 26	9 34	9 39	12 7	1 35	4 52
M12	7 28	8 30	0 21	17 45	2 16	21 45	1 39	21 42	3 10	19 2	0 17	3 33	2 44	13 56	0 25	21 46	1 20	12 24	10 26	9 34	9 38	12 8	1 32	4 52
T 13	7 51	11 43	0s45	18 13	2 22	22 3	1 43	21 31	3 7	19 0	0 18	3 31	2 44	13 57	0 25	21 46	1 20	12 24	10 26	9 34	9 36	12 10	1 29	4 52
W14	8 13	14 28	1 48	18 41	2 28	22 20	1 46	21 20	3 4	18 59	0 18	3 30	2 44	13 58	0 25	21 46	1 20	12 24	10 27	9 34	9 35	12 11	1 26	4 52
T 15	8 35	16 37	2 47	19 7	2 33	22 37	1 49	21 9	3 2	18 57	0 18	3 28	2 44	13 59	0 25	21 46	1 20	12 23	10 27	9 35	9 34	12 12	1 23	4 52
F 16	8 57	18 3	3 39	19 31	2 38	22 53	1 52	20 58	2 59	18 55	0 18	3 26	2 44	14 0	0 25	21 47	1 20	12 23	10 27	9 35	9 33	12 14	1 20	4 52
S 17	9 19	18 42	4 22	19 55	2 43	23 9	1 55	20 47	2 56	18 54	0 18	3 24	2 44	14 2	0 25	21 47	1 20	12 23	10 27	9 35	9 32	12 15	1 17	4 53
S 18	9 41	18 29	4 54	20 17	2 47	23 24	1 58	20 35	2 53	18 52	0 18	3 23	2 44	14 3	0 25	21 47	1 20	12 23	10 27	9 35	9 31	12 17	1 14	4 53
M19	10 3	17 24	5 13	20 38	2 52	23 39	2 1	20 24	2 51	18 51	0 19	3 21	2 44	14 4	0 25	21 47	1 20	12 23	10 27	9 35	9 29	12 18	1 11	4 53
T 20	10 24	15 26	5 18	20 58	2 55	23 53	2 4	20 12	2 48	18 49	0 19	3 19	2 44	14 5	0 25	21 47	1 20	12 22	10 27	9 35	9 28	12 19	1 8	4 53
W21	10 46	12 37	5 6	21 16	2 58	24 6	2 7	20 0	2 45	18 48	0 19	3 17	2 44	14 6	0 25	21 47	1 20	12 22	10 28	9 35	9 27	12 21	1 6	4 53
T 22	11 7	9 4	4 37	21 32	3 1	24 19	2 10	19 48	2 43	18 46	0 19	3 16	2 44	14 8	0 25	21 47	1 20	12 22	10 28	9 35	9 26	12 22	1 3	4 53
F 23	11 28	4 54	3 51	21 47	3 3	24 31	2 13	19 36	2 40	18 45	0 19	3 14	2 44	14 9	0 25	21 48	1 20	12 22	10 28	9 35	9 25	12 24	1 0	4 53
S 24	11 49	0 19	2 49	22 0	3 4	24 42	2 16	19 24	2 38	18 44	0 19	3 12	2 44	14 10	0 25	21 48	1 20	12 22	10 28	9 35	9 24	12 25	0 57	4 54
S 25	12 9	4s25	1 35	22 11	3 5	24 53	2 18	19 11	2 35	18 42	0 20	3 11	2 44	14 11	0 25	21 48	1 20	12 22	10 28	9 35	9 22	12 26	0 54	4 54
M26	12 30	8 57	0 12	22 21	3 5	25 3	2 21	18 59	2 32	18 41	0 20	3 9	2 44	14 12	0 25	21 48	1 20	12 21	10 28	9 35	9 21	12 28	0 51	4 54
T 27	12 50	12 57	1n11	22 27	3 4	25 13	2 24	18 46	2 30	18 40	0 20	3 8	2 44	14 13	0 25	21 48	1 20	12 21	10 28	9 35	9 20	12 29	0 49	4 54
W28	13 10	16 4	2 30	22 32	3 2	25 21	2 26	18 33	2 27	18 39	0 20	3 6	2 44	14 15	0 25	21 48	1 20	12 21	10 28	9 35	9 19	12 30	0 46	4 54
T 29	13 30	18 2	3 38	22 34	2 59	25 29	2 29	18 20	2 25	18 38	0 20	3 5	2 43	14 16	0 25	21 48	1 20	12 21	10 29	9 35	9 18	12 32	0 43	4 55
F 30	13 50	18 44	4 29	22 34	2 55	25 37	2 31	18 7	2 22	18 36	0 20	3 3	2 43	14 17	0 25	21 49	1 20	12 21	10 29	9 34	9 17	12 33	0 40	4 55
S 31	14s 9	18s12	5n 2	22s30	2s50	25s44	2s33	17s54	2s20	18n35	0n21	3n 2	2s43	14s18	0n25	21s49	1n20	12n20	10s29	9s34	9s15	12n35	0n38	4s55

Julian Day Number = 2504413.5, Delta T = 118.13 sec
Ecliptic obliquity = 23°25'06, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°45'46, Lahiri = 25°52'47

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ASTRODIENST EPHEMERIS for the year 2144
geocentric

NOVEMBER 2144 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 52	8♏58'29	20♑47	28°R12	23♐12	17♒47	8♌ 3	13°R59	9♏45	21♐25	16°R52	24°R41	23♎49	6♉28	17♍ 2	S 1
M 2	2 46 48	9°58'28	4♒10	28♏ 3	24°20	18°23	8° 8	13♈55	9°49	21°27	16♊51	24°D40	23°46	6°35	17° 8	M 2
T 3	2 50 45	10°58'28	17° 8	27°45	25°29	19° 0	8°12	13°51	9°53	21°29	16°50	24♎40	23°43	6°42	17°14	T 3
W 4	2 54 41	11°58'29	29°45	27°18	26°37	19°36	8°16	13°47	9°56	21°31	16°49	24°41	23°40	6°48	17°20	W 4
T 5	2 58 38	12°58'32	12♓ 4	26°41	27°45	20°13	8°20	13°43	10° 0	21°32	16°48	24°42	23°37	6°55	17°27	T 5
F 6	3 2 34	13°58'37	24°10	25°54	28°54	20°50	8°23	13°39	10° 4	21°34	16°47	24°44	23°33	7° 2	17°33	F 6
S 7	3 6 31	14°58'44	6♈ 6	24°59	0♑ 2	21°27	8°27	13°36	10° 8	21°36	16°46	24°45	23°30	7° 8	17°39	S 7
S 8	3 10 28	15°58'52	17°57	23°55	1° 9	22° 4	8°30	13°32	10°11	21°38	16°45	24°46	23°27	7°15	17°45	S 8
M 9	3 14 24	16°59'02	29°44	22°44	2°17	22°42	8°34	13°28	10°15	21°40	16°44	24°R46	23°24	7°22	17°50	M 9
T 10	3 18 21	17°59'13	11♉32	21°29	3°25	23°19	8°37	13°25	10°19	21°42	16°43	24°45	23°21	7°28	17°56	T 10
W11	3 22 17	18°59'26	23°22	20°10	4°32	23°57	8°39	13°22	10°23	21°44	16°42	24°43	23°18	7°35	18° 2	W11
T 12	3 26 14	19°59'41	5♊17	18°50	5°39	24°35	8°42	13°18	10°26	21°46	16°41	24°39	23°14	7°42	18° 7	T 12
F 13	3 30 10	20°59'58	17°17	17°32	6°46	25°13	8°44	13°15	10°30	21°48	16°40	24°35	23°11	7°48	18°13	F 13
S 14	3 34 7	22° 0'17	29°26	16°19	7°53	25°51	8°47	13°12	10°34	21°50	16°39	24°30	23° 8	7°55	18°18	S 14
S 15	3 38 3	23° 0'37	11♋44	15°13	9° 0	26°29	8°49	13° 9	10°38	21°52	16°38	24°25	23° 5	8° 2	18°24	S 15
M16	3 42 0	24° 1'00	24°15	14°15	10° 7	27° 7	8°51	13° 6	10°41	21°54	16°37	24°21	23° 2	8° 8	18°29	M16
T 17	3 45 57	25° 1'24	7♌ 1	13°28	11°13	27°46	8°52	13° 3	10°45	21°56	16°36	24°19	22°59	8°15	18°34	T 17
W18	3 49 53	26° 1'50	20° 4	12°51	12°19	28°24	8°54	13° 0	10°49	21°58	16°35	24°17	22°55	8°21	18°39	W18
T 19	3 53 50	27° 2'18	3♍27	12°27	13°25	29° 3	8°55	12°57	10°52	22° 0	16°34	24°D17	22°52	8°28	18°44	T 19
F 20	3 57 46	28° 2'48	17°13	12°14	14°31	29°42	8°56	12°55	10°56	22° 2	16°33	24°18	22°49	8°35	18°49	F 20
S 21	4 1 43	29° 3'20	1♎22	12°D12	15°36	0♓21	8°57	12°52	11° 0	22° 4	16°32	24°20	22°46	8°41	18°54	S 21
S 22	4 5 39	0♐ 3'53	15°53	12°21	16°42	1° 0	8°58	12°50	11° 3	22° 7	16°31	24°21	22°43	8°48	18°59	S 22
M23	4 9 36	1° 4'28	0♏43	12°41	17°47	1°39	8°58	12°47	11° 7	22° 9	16°30	24°R21	22°39	8°55	19° 4	M23
T 24	4 13 32	2° 5'05	15°47	13° 9	18°52	2°18	8°59	12°45	11°10	22°11	16°29	24°19	22°36	9° 1	19° 8	T 24
W25	4 17 29	3° 5'44	0♐56	13°46	19°56	2°57	8°R59	12°43	11°14	22°13	16°28	24°16	22°33	9° 8	19°13	W25
T 26	4 21 26	4° 6'24	16° 0	14°30	21° 1	3°37	8°59	12°41	11°17	22°15	16°26	24°11	22°30	9°15	19°17	T 26
F 27	4 25 22	5° 7'05	0♑50	15°21	22° 5	4°16	8°58	12°39	11°21	22°17	16°25	24° 4	22°27	9°21	19°21	F 27
S 28	4 29 19	6° 7'48	15°18	16°18	23° 9	4°56	8°58	12°37	11°25	22°20	16°24	23°57	22°24	9°28	19°25	S 28
S 29	4 33 15	7° 8'31	29°19	17°20	24°12	5°35	8°57	12°35	11°28	22°22	16°23	23°51	22°20	9°35	19°29	S 29
M30	4 37 12	8♐ 9'16	12♒50	18♏26	25♑16	6♓15	8♌56	12♈34	11♏32	22♐24	16♊22	23♎46	22♎17	9♉41	19♍33	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s29	16s36	5n16	22s24	2s43	25s50	2s35	17s40	2s18	18n34	0n21	3n 0	2s43	14s19	0n25	21s49	1n20	12n20	10s29	9s33	9s14	12n36	0n35	4s55
M 2	14 48	14 8	5 13	22 14	2 35	25 55	2 37	17 27	2 15	18 33	0 21	2 59	2 43	14 21	0 25	21 49	1 20	12 20	10 29	9 33	9 13	12 37	0 32	4 55
T 3	15 6	11 1	4 53	22 0	2 25	26 0	2 39	17 13	2 13	18 32	0 21	2 57	2 43	14 22	0 25	21 49	1 20	12 20	10 29	9 33	9 12	12 39	0 30	4 56
W 4	15 25	7 29	4 20	21 43	2 14	26 4	2 41	16 59	2 10	18 32	0 21	2 56	2 43	14 23	0 25	21 49	1 20	12 20	10 29	9 33	9 11	12 40	0 27	4 56
T 5	15 43	3 43	3 35	21 21	2 1	26 7	2 43	16 45	2 8	18 31	0 21	2 55	2 43	14 24	0 25	21 50	1 20	12 20	10 29	9 34	9 10	12 41	0 25	4 56
F 6	16 1	0n 9	2 41	20 56	1 46	26 10	2 45	16 31	2 6	18 30	0 22	2 53	2 42	14 25	0 25	21 50	1 19	12 19	10 29	9 34	9 8	12 43	0 22	4 56
S 7	16 19	3 58	1 41	20 27	1 30	26 12	2 47	16 17	2 3	18 29	0 22	2 52	2 42	14 27	0 25	21 50	1 19	12 19	10 29	9 35	9 7	12 44	0 19	4 57
S 8	16 36	7 37	0 38	19 54	1 12	26 13	2 48	16 3	2 1	18 28	0 22	2 51	2 42	14 28	0 25	21 50	1 19	12 19	10 29	9 35	9 6	12 45	0 17	4 57
M 9	16 54	10 57	0s27	19 18	0 53	26 13	2 50	15 49	1 59	18 28	0 22	2 50	2 42	14 29	0 25	21 50	1 19	12 19	10 30	9 35	9 5	12 47	0 14	4 57
T 10	17 11	13 50	1 31	18 39	0 33	26 13	2 51	15 34	1 57	18 27	0 22	2 48	2 42	14 30	0 25	21 50	1 19	12 19	10 30	9 35	9 4	12 48	0 12	4 57
W11	17 27	16 10	2 31	17 58	0 12	26 12	2 52	15 19	1 54	18 27	0 23	2 47	2 42	14 31	0 25	21 50	1 19	12 19	10 30	9 34	9 3	12 49	0 10	4 58
T 12	17 43	17 48	3 25	17 16	0n 8	26 11	2 53	15 5	1 52	18 26	0 23	2 46	2 41	14 32	0 25	21 51	1 19	12 18	10 30	9 33	9 1	12 51	0 7	4 58
F 13	17 59	18 40	4 10	16 35	0 29	26 9	2 54	14 50	1 50	18 26	0 23	2 45	2 41	14 34	0 25	21 51	1 19	12 18	10 30	9 31	9 0	12 52	0 5	4 58
S 14	18 15	18 41	4 44	15 56	0 48	26 6	2 55	14 35	1 48	18 25	0 23	2 44	2 41	14 35	0 25	21 51	1 19	12 18	10 30	9 29	8 59	12 53	0 2	4 58
S 15	18 31	17 49	5 6	15 20	1 6	26 2	2 56	14 20	1 46	18 25	0 23	2 43	2 41	14 36	0 25	21 51	1 19	12 18	10 30	9 28	8 58	12 55	0s 0	4 59
M16	18 46	16 6	5 13	14 47	1 23	25 58	2 57	14 5	1 43	18 25	0 23	2 42	2 41	14 37	0 25	21 51	1 19	12 18	10 30	9 26	8 57	12 56	0 2	4 59
T 17	19 0	13 34	5 6	14 19	1 38	25 53	2 57	13 50	1 41	18 24	0 24	2 41	2 41	14 38	0 25	21 51	1 19	12 18	10 30	9 25	8 55	12 57	0 5	4 59
W18	19 15	10 19	4 42	13 55	1 51	25 48	2 58	13 34	1 39	18 24	0 24	2 40	2 40	14 39	0 25	21 52	1 19	12 17	10 30	9 24	8 54	12 59	0 7	5 0
T 19	19 29	6 27	4 3	13 38	2 1	25 41	2 58	13 19	1 37	18 24	0 24	2 39	2 40	14 41	0 25	21 52	1 19	12 17	10 30	9 24	8 53	13 0	0 9	5 0
F 20	19 42	2 8	3 9	13 25	2 10	25 35	2 58	13 3	1 35	18 24	0 24	2 38	2 40	14 42	0 25	21 52	1 19	12 17	10 30	9 25	8 52	13 1	0 11	5 0
S 21	19 56	2s25	2 2	13 18	2 17	25 27	2 58	12 48	1 33	18 24	0 24	2 38	2 40	14 43	0 25	21 52	1 19	12 17	10 30	9 25	8 51	13 3	0 13	5 1
S 22	20 9	6 57	0 46	13 16	2 22	25 19	2 58	12 32	1 31	18 24	0 25	2 37	2 39	14 44	0 25	21 52	1 19	12 17	10 30	9 26	8 50	13 4	0 16	5 1
M23	20 21	11 10	0n35	13 19	2 26	25 10	2 57	12 16	1 29	18 24	0 25	2 36	2 39	14 45	0 25	21 52	1 19	12 17	10 30	9 26	8 48	13 5	0 18	5 1
T 24	20 34	14 44	1 54	13 25	2 28	25 1	2 57	12 0	1 27	18 24	0 25	2 35	2 39	14 46	0 25	21 52	1 19	12 17	10 30	9 25	8 47	13 7	0 20	5 2
W25	20 45	17 18	3 6	13 36	2 28	24 51	2 56	11 44	1 25	18 24	0 25	2 35	2 39	14 47	0 25	21 53	1 19	12 17	10 30	9 24	8 46	13 8	0 22	5 2
T 26	20 57	18 38	4 4	13 49	2 28	24 40	2 56	11 28	1 23	18 24	0 25	2 34	2 39	14 48	0 25	21 53	1 19	12 16	10 30	9 22	8 45	13 9	0 24	5 2
F 27	21 8	18 40	4 45	14 6	2 26	24 29	2 55	11 12	1 21	18 25	0 26	2 34	2 38	14 49	0 25	21 53	1 19	12 16	10 30	9 20	8 44	13 10	0 26	5 3
S 28	21 19	17 28	5 6	14 25	2 23	24 17	2 54	10 55	1 19	18 25	0 26	2 33	2 38	14 51	0 25	21 53	1 19	12 16	10 30	9 17	8 43	13 12	0 28	5 3
S 29	21 29	15 15	5 8	14 45	2 20	24 5	2 53	10 39	1 17	18 25	0 26	2 33	2 38	14 52	0 25	21 53	1 19	12 16	10 30	9 15	8 41	13 13	0 30	5 3
M30	21s39	12s15	4n53	15s 7	2n16	23s52	2s51	10s23	1s15	18n26	0n26	2n32	2s38	14s53	0n25	21s53	1n19	12n16	10s30	9s13	8s40	13n14	0s32	5s 4

Julian Day Number = 2504444.5, Delta T = 118.19 sec
Ecliptic obliquity = 23°25'05, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°45'51, Lahiri = 25°52'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2144
geocentric

DECEMBER 2144 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 41 8	9♐10'02	25♒54	19♏36	26♑19	6♓55	8°R55	12°R32	11♏35	22♐26	16°R21	23°R44	22♎14	9♉48	19♍37	T 1
W 2	4 45 5	10°10'48	8♓33	20°49	27°21	7°35	8♌54	12♈31	11°38	22°28	16♊20	23°D43	22°11	9°55	19°41	W 2
T 3	4 49 1	11°11'36	20°51	22° 5	28°24	8°15	8°52	12°29	11°42	22°31	16°18	23♎43	22° 8	10° 1	19°45	T 3
F 4	4 52 58	12°12'24	2♈54	23°23	29°26	8°55	8°51	12°28	11°45	22°33	16°17	23°44	22° 5	10° 8	19°48	F 4
S 5	4 56 55	13°13'14	14°47	24°44	0♒27	9°35	8°49	12°27	11°49	22°35	16°16	23°46	22° 1	10°15	19°52	S 5
S 6	5 0 51	14°14'04	26°34	26° 6	1°29	10°16	8°47	12°26	11°52	22°37	16°15	23°R46	21°58	10°21	19°55	S 6
M 7	5 4 48	15°14'55	8♉21	27°29	2°29	10°56	8°45	12°25	11°55	22°40	16°14	23°45	21°55	10°28	19°58	M 7
T 8	5 8 44	16°15'47	20°10	28°54	3°30	11°36	8°42	12°24	11°59	22°42	16°13	23°41	21°52	10°35	20° 2	T 8
W 9	5 12 41	17°16'40	2♊ 6	0♐20	4°30	12°17	8°39	12°24	12° 2	22°44	16°12	23°35	21°49	10°41	20° 5	W 9
T 10	5 16 37	18°17'34	14° 9	1°47	5°30	12°57	8°37	12°23	12° 5	22°46	16°10	23°26	21°45	10°48	20° 7	T 10
F 11	5 20 34	19°18'29	26°22	3°15	6°29	13°38	8°34	12°22	12° 8	22°49	16° 9	23°16	21°42	10°54	20°10	F 11
S 12	5 24 30	20°19'25	8♋45	4°44	7°27	14°18	8°30	12°22	12°11	22°51	16° 8	23° 5	21°39	11° 1	20°13	S 12
S 13	5 28 27	21°20'22	21°18	6°13	8°26	14°59	8°27	12°22	12°15	22°53	16° 7	22°54	21°36	11° 8	20°16	S 13
M14	5 32 24	22°21'20	4♌ 3	7°42	9°23	15°39	8°23	12°22	12°18	22°55	16° 6	22°44	21°33	11°14	20°18	M14
T 15	5 36 20	23°22'19	17° 0	9°12	10°20	16°20	8°20	12°D22	12°21	22°58	16° 5	22°36	21°30	11°21	20°20	T 15
W16	5 40 17	24°23'19	0♍ 9	10°42	11°17	17° 1	8°16	12°22	12°24	23° 0	16° 4	22°31	21°26	11°28	20°23	W16
T 17	5 44 13	25°24'20	13°33	12°13	12°13	17°42	8°12	12°22	12°27	23° 2	16° 2	22°28	21°23	11°34	20°25	T 17
F 18	5 48 10	26°25'22	27°11	13°44	13° 9	18°22	8° 7	12°22	12°30	23° 4	16° 1	22°D27	21°20	11°41	20°27	F 18
S 19	5 52 6	27°26'25	11♎ 6	15°15	14° 4	19° 3	8° 3	12°22	12°33	23° 7	16° 0	22°28	21°17	11°48	20°29	S 19
S 20	5 56 3	28°27'29	25°19	16°47	14°58	19°44	7°58	12°23	12°36	23° 9	15°59	22°R28	21°14	11°54	20°31	S 20
M21	5 59 59	29°28'34	9♏47	18°19	15°52	20°25	7°53	12°24	12°39	23°11	15°58	22°27	21°11	12° 1	20°32	M21
T 22	6 3 56	0♑29'40	24°28	19°51	16°45	21° 6	7°48	12°24	12°41	23°14	15°57	22°23	21° 7	12° 8	20°34	T 22
W23	6 7 53	1°30'46	9♐17	21°23	17°37	21°47	7°43	12°25	12°44	23°16	15°56	22°17	21° 4	12°14	20°35	W23
T 24	6 11 49	2°31'53	24° 6	22°55	18°28	22°28	7°38	12°26	12°47	23°18	15°55	22° 8	21° 1	12°21	20°37	T 24
F 25	6 15 46	3°33'01	8♑47	24°28	19°19	23° 9	7°32	12°27	12°50	23°20	15°54	21°57	20°58	12°28	20°38	F 25
S 26	6 19 42	4°34'09	23°11	26° 1	20° 9	23°50	7°27	12°28	12°52	23°22	15°52	21°45	20°55	12°34	20°39	S 26
S 27	6 23 39	5°35'18	7♒13	27°34	20°59	24°32	7°21	12°30	12°55	23°25	15°51	21°34	20°51	12°41	20°40	S 27
M28	6 27 35	6°36'26	20°48	29° 7	21°47	25°13	7°15	12°31	12°58	23°27	15°50	21°24	20°48	12°48	20°41	M28
T 29	6 31 32	7°37'35	3♓56	0♑41	22°34	25°54	7° 9	12°32	13° 0	23°29	15°49	21°17	20°45	12°54	20°42	T 29
W30	6 35 28	8°38'44	16°39	2°15	23°21	26°35	7° 2	12°34	13° 3	23°31	15°48	21°13	20°42	13° 1	20°42	W30
T 31	6 39 25	9♑39'52	29♓ 1	3♑49	24♒ 6	27♓17	6♌56	12♈36	13♏ 5	23♐34	15♊47	21♎11	20♎39	13♉ 8	20♍43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s48	8s45	4n23	15s31	2n11	23s39	2s50	10s 6	1s13	18n26	0n26	2n32	2s37	14s54	0n25	21s53	1n19	12n16	10s30	9s12	8s39	13n16	0s33	5s 4
W 2	21 57	4 57	3 40	15 55	2 6	23 25	2 48	9 50	1 12	18 27	0 27	2 32	2 37	14 55	0 25	21 54	1 19	12 16	10 30	9 12	8 38	13 17	0 35	5 4
T 3	22 6	1 2	2 49	16 20	2 0	23 11	2 46	9 33	1 10	18 27	0 27	2 31	2 37	14 56	0 25	21 54	1 19	12 16	10 30	9 12	8 37	13 18	0 37	5 5
F 4	22 14	2n51	1 50	16 46	1 54	22 56	2 44	9 16	1 8	18 28	0 27	2 31	2 37	14 57	0 25	21 54	1 19	12 16	10 30	9 12	8 35	13 19	0 39	5 5
S 5	22 22	6 34	0 48	17 12	1 47	22 41	2 42	8 59	1 6	18 29	0 27	2 31	2 36	14 58	0 25	21 54	1 19	12 16	10 30	9 13	8 34	13 21	0 40	5 5
S 6	22 29	10 0	0s15	17 38	1 41	22 25	2 40	8 43	1 4	18 29	0 27	2 31	2 36	14 59	0 25	21 54	1 19	12 15	10 30	9 13	8 33	13 22	0 42	5 6
M 7	22 36	13 3	1 18	18 4	1 34	22 8	2 37	8 26	1 3	18 30	0 28	2 30	2 36	15 0	0 25	21 54	1 19	12 15	10 30	9 12	8 32	13 23	0 44	5 6
T 8	22 43	15 34	2 17	18 29	1 27	21 52	2 35	8 9	1 1	18 31	0 28	2 30	2 36	15 1	0 25	21 54	1 19	12 15	10 30	9 11	8 31	13 25	0 45	5 6
W 9	22 49	17 26	3 11	18 55	1 19	21 35	2 32	7 52	0 59	18 32	0 28	2 30	2 35	15 2	0 25	21 54	1 19	12 15	10 30	9 9	8 29	13 26	0 47	5 7
T 10	22 54	18 34	3 57	19 19	1 12	21 17	2 29	7 35	0 57	18 33	0 28	2 30	2 35	15 3	0 25	21 55	1 19	12 15	10 30	9 6	8 28	13 27	0 48	5 7
F 11	22 59	18 50	4 32	19 44	1 5	20 59	2 25	7 17	0 56	18 34	0 28	2 30	2 35	15 4	0 25	21 55	1 19	12 15	10 30	9 2	8 27	13 28	0 50	5 8
S 12	23 4	18 13	4 55	20 7	0 57	20 41	2 22	7 0	0 54	18 35	0 29	2 31	2 35	15 5	0 25	21 55	1 19	12 15	10 30	8 58	8 26	13 30	0 51	5 8
S 13	23 8	16 43	5 4	20 30	0 50	20 22	2 18	6 43	0 52	18 36	0 29	2 31	2 34	15 6	0 25	21 55	1 19	12 15	10 30	8 54	8 25	13 31	0 52	5 8
M14	23 12	14 23	4 59	20 53	0 42	20 3	2 14	6 26	0 51	18 37	0 29	2 31	2 34	15 7	0 25	21 55	1 19	12 15	10 30	8 50	8 24	13 32	0 54	5 9
T 15	23 15	11 19	4 38	21 14	0 35	19 43	2 10	6 9	0 49	18 38	0 29	2 31	2 34	15 8	0 25	21 55	1 19	12 15	10 30	8 47	8 22	13 33	0 55	5 9
W16	23 18	7 38	4 2	21 35	0 28	19 24	2 6	5 51	0 48	18 39	0 29	2 31	2 34	15 9	0 25	21 55	1 19	12 15	10 30	8 45	8 21	13 35	0 56	5 9
T 17	23 20	3 30	3 12	21 54	0 20	19 4	2 2	5 34	0 46	18 41	0 29	2 32	2 33	15 10	0 25	21 56	1 19	12 15	10 30	8 44	8 20	13 36	0 57	5 10
F 18	23 22	0s53	2 11	22 13	0 13	18 43	1 57	5 16	0 44	18 42	0 30	2 32	2 33	15 10	0 25	21 56	1 19	12 15	10 29	8 44	8 19	13 37	0 58	5 10
S 19	23 24	5 19	1 0	22 31	0 6	18 23	1 52	4 59	0 43	18 43	0 30	2 32	2 33	15 11	0 25	21 56	1 19	12 15	10 29	8 44	8 18	13 38	1 0	5 11
S 20	23 25	9 33	0n15	22 47	0s 1	18 2	1 47	4 42	0 41	18 45	0 30	2 33	2 33	15 12	0 25	21 56	1 19	12 15	10 29	8 44	8 16	13 40	1 1	5 11
M21	23 25	13 18	1 31	23 3	0 8	17 41	1 41	4 24	0 40	18 46	0 30	2 33	2 32	15 13	0 25	21 56	1 19	12 15	10 29	8 44	8 15	13 41	1 2	5 11
T 22	23 25	16 16	2 42	23 17	0 15	17 20	1 36	4 7	0 38	18 48	0 30	2 34	2 32	15 14	0 25	21 56	1 19	12 15	10 29	8 42	8 14	13 42	1 3	5 12
W23	23 25	18 10	3 42	23 30	0 22	16 58	1 30	3 49	0 37	18 49	0 31	2 34	2 32	15 15	0 25	21 56	1 19	12 15	10 29	8 40	8 13	13 43	1 3	5 12
T 24	23 24	18 50	4 27	23 43	0 29	16 36	1 24	3 31	0 35	18 51	0 31	2 35	2 32	15 16	0 25	21 56	1 19	12 15	10 29	8 37	8 12	13 45	1 4	5 12
F 25	23 22	18 14	4 54	23 54	0 35	16 15	1 18	3 14	0 34	18 52	0 31	2 36	2 31	15 16	0 25	21 56	1 19	12 15	10 29	8 33	8 10	13 46	1 5	5 13
S 26	23 20	16 28	5 2	24 3	0 42	15 53	1 11	2 56	0 32	18 54	0 31	2 36	2 31	15 17	0 25	21 57	1 19	12 15	10 29	8 28	8 9	13 47	1 6	5 13
S 27	23 18	13 45	4 51	24 12	0 48	15 30	1 4	2 39	0 31	18 55	0 31	2 37	2 31	15 18	0 25	21 57	1 19	12 15	10 29	8 24	8 8	13 48	1 7	5 14
M28	23 15	10 23	4 24	24 19	0 54	15 8	0 57	2 21	0 29	18 57	0 32	2 38	2 30	15 19	0 25	21 57	1 19	12 15	10 28	8 20	8 7	13 49	1 7	5 14
T 29	23 12	6 35	3 43	24 25	1 0	14 46	0 50	2 3	0 28	18 59	0 32	2 39	2 30	15 20	0 25	21 57	1 19	12 15	10 28	8 18	8 6	13 51	1 8	5 14
W30	23 8	2 37	2 52	24 30	1 6	14 24	0 43	1 46	0 27	19 1	0 32	2 39	2 30	15 20	0 25	21 57	1 19	12 15	10 28	8 16	8 5	13 52	1 9	5 15
T 31	23s 4	1n22	1n55	24s33	1s11	14s 1	0s35	1s28	0s25	19n 2	0n32	2n40	2s30	15s21	0n25	21s57	1n19	12n15	10s28	8s15	8s 3	13n53	1s 9	5s15

Julian Day Number = 2504474.5, Delta T = 118.24 sec
Ecliptic obliquity = 23°25'05, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°45'55, Lahiri = 25°52'55

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ASTRODIENST EPHEMERIS for the year 2145
geocentric

JANUARY 2145 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 43 22	10♑41'01	11♈ 5	5♑23	24♒51	27♓58	6°R50	12♈37	13♏ 8	23♐36	15°R46	21°D11	20♎36	13♉14	20♍43	F 1
S 2	6 47 18	11°42'10	22°59	6°58	25°34	28°39	6♌43	12°39	13°10	23°38	15♊45	21°R11	20°32	13°21	20°43	S 2
S 3	6 51 15	12°43'18	4♉46	8°33	26°17	29°21	6°36	12°41	13°12	23°40	15°44	21♎10	20°29	13°28	20°44	S 3
M 4	6 55 11	13°44'26	16°34	10° 8	26°58	0♈ 2	6°29	12°44	13°15	23°42	15°43	21° 8	20°26	13°34	20°R44	M 4
T 5	6 59 8	14°45'34	28°26	11°43	27°38	0°43	6°22	12°46	13°17	23°44	15°42	21° 3	20°23	13°41	20°44	T 5
W 6	7 3 4	15°46'42	10♊27	13°19	28°17	1°25	6°15	12°48	13°19	23°47	15°41	20°55	20°20	13°48	20°43	W 6
T 7	7 7 1	16°47'50	22°39	14°56	28°54	2° 6	6° 8	12°51	13°21	23°49	15°40	20°44	20°17	13°54	20°43	T 7
F 8	7 10 57	17°48'58	5♋ 5	16°32	29°30	2°47	6° 1	12°53	13°24	23°51	15°39	20°31	20°13	14° 1	20°43	F 8
S 9	7 14 54	18°50'06	17°44	18° 9	0♓ 5	3°29	5°54	12°56	13°26	23°53	15°38	20°17	20°10	14° 8	20°42	S 9
S 10	7 18 51	19°51'13	0♌38	19°47	0°38	4°10	5°46	12°58	13°28	23°55	15°37	20° 3	20° 7	14°14	20°41	S 10
M11	7 22 47	20°52'20	13°45	21°25	1°10	4°52	5°39	13° 1	13°30	23°57	15°36	19°50	20° 4	14°21	20°41	M11
T 12	7 26 44	21°53'27	27° 2	23° 3	1°40	5°33	5°31	13° 4	13°32	23°59	15°35	19°40	20° 1	14°27	20°40	T 12
W13	7 30 40	22°54'34	10♍30	24°42	2° 9	6°14	5°23	13° 7	13°34	24° 1	15°35	19°33	19°57	14°34	20°39	W13
T 14	7 34 37	23°55'41	24° 7	26°21	2°35	6°56	5°16	13°10	13°35	24° 3	15°34	19°28	19°54	14°41	20°38	T 14
F 15	7 38 33	24°56'48	7♎52	28° 0	3° 0	7°37	5° 8	13°14	13°37	24° 5	15°33	19°27	19°51	14°47	20°36	F 15
S 16	7 42 30	25°57'55	21°46	29°40	3°24	8°19	5° 0	13°17	13°39	24° 7	15°32	19°26	19°48	14°54	20°35	S 16
S 17	7 46 26	26°59'02	5♏49	1♒21	3°45	9° 0	4°52	13°20	13°41	24° 9	15°31	19°26	19°45	15° 1	20°34	S 17
M18	7 50 23	28° 0'09	20° 0	3° 2	4° 4	9°41	4°44	13°24	13°42	24°11	15°30	19°25	19°42	15° 7	20°32	M18
T 19	7 54 20	29° 1'15	4♐17	4°43	4°22	10°23	4°36	13°27	13°44	24°13	15°30	19°21	19°38	15°14	20°30	T 19
W20	7 58 16	0♒ 2'22	18°39	6°25	4°37	11° 4	4°28	13°31	13°45	24°15	15°29	19°15	19°35	15°21	20°29	W20
T 21	8 2 13	1° 3'28	3♑ 1	8° 7	4°50	11°46	4°20	13°35	13°47	24°17	15°28	19° 5	19°32	15°27	20°27	T 21
F 22	8 6 9	2° 4'33	17°17	9°50	5° 1	12°27	4°12	13°39	13°48	24°19	15°27	18°54	19°29	15°34	20°25	F 22
S 23	8 10 6	3° 5'38	1♒22	11°32	5°10	13° 9	4° 4	13°43	13°50	24°21	15°26	18°41	19°26	15°41	20°22	S 23
S 24	8 14 2	4° 6'43	15°10	13°15	5°17	13°50	3°56	13°47	13°51	24°23	15°26	18°29	19°23	15°47	20°20	S 24
M25	8 17 59	5° 7'47	28°37	14°58	5°21	14°32	3°48	13°51	13°52	24°24	15°25	18°19	19°19	15°54	20°18	M25
T 26	8 21 56	6° 8'49	11♓41	16°41	5°R22	15°13	3°40	13°55	13°54	24°26	15°24	18°11	19°16	16° 1	20°16	T 26
W27	8 25 52	7° 9'51	24°24	18°24	5°21	15°55	3°32	14° 0	13°55	24°28	15°24	18° 5	19°13	16° 7	20°13	W27
T 28	8 29 49	8°10'52	6♈46	20° 7	5°18	16°36	3°24	14° 4	13°56	24°30	15°23	18° 3	19°10	16°14	20°10	T 28
F 29	8 33 45	9°11'52	18°53	21°49	5°12	17°17	3°16	14° 9	13°57	24°32	15°22	18°D 2	19° 7	16°21	20° 8	F 29
S 30	8 37 42	10°12'50	0♉48	23°30	5° 4	17°59	3° 8	14°13	13°58	24°33	15°22	18° 3	19° 3	16°27	20° 5	S 30
S 31	8 41 38	11♒13'48	12♉37	25♒11	4♓53	18♈40	3♌ 0	14♈18	13♏59	24♐35	15♊21	18°R 3	19♎ 0	16♉34	20♍ 2	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s59	5n12	0n53	24s35	1s17	13s39	0s27	1s10	0s24	19n 4	0n32	2n41	2s29	15s22	0n25	21s57	1n19	12n15	10s28	8s15	8s 2	13n54	1s10	5s15
S 2	22 54	8 47	0s10	24 36	1 22	13 16	0 18	0 53	0 22	19 6	0 32	2 42	2 29	15 22	0 25	21 57	1 19	12 15	10 28	8 15	8 1	13 55	1 10	5 16
S 3	22 49	11 59	1 12	24 35	1 27	12 54	0 10	0 35	0 21	19 8	0 33	2 43	2 29	15 23	0 25	21 57	1 19	12 15	10 28	8 15	8 0	13 57	1 10	5 16
M 4	22 43	14 42	2 10	24 33	1 31	12 32	0 1	0 17	0 20	19 10	0 33	2 44	2 29	15 24	0 25	21 57	1 19	12 15	10 28	8 14	7 59	13 58	1 11	5 16
T 5	22 36	16 48	3 4	24 30	1 36	12 9	0n 8	0n 0	0 19	19 12	0 33	2 45	2 28	15 25	0 25	21 58	1 19	12 15	10 27	8 12	7 57	13 59	1 11	5 17
W 6	22 29	18 13	3 49	24 25	1 40	11 47	0 17	0 18	0 17	19 14	0 33	2 47	2 28	15 25	0 25	21 58	1 19	12 15	10 27	8 9	7 56	14 0	1 11	5 17
T 7	22 22	18 48	4 25	24 18	1 44	11 25	0 27	0 35	0 16	19 16	0 33	2 48	2 28	15 26	0 25	21 58	1 19	12 15	10 27	8 5	7 55	14 1	1 11	5 18
F 8	22 14	18 30	4 49	24 11	1 48	11 3	0 37	0 53	0 15	19 18	0 33	2 49	2 28	15 26	0 25	21 58	1 19	12 15	10 27	8 0	7 54	14 3	1 12	5 18
S 9	22 6	17 17	5 0	24 1	1 51	10 42	0 47	1 11	0 13	19 19	0 34	2 50	2 27	15 27	0 25	21 58	1 19	12 15	10 27	7 55	7 53	14 4	1 12	5 18
S 10	21 57	15 12	4 55	23 51	1 54	10 20	0 58	1 28	0 12	19 21	0 34	2 52	2 27	15 28	0 25	21 58	1 19	12 15	10 27	7 50	7 51	14 5	1 12	5 19
M11	21 48	12 18	4 35	23 38	1 57	9 59	1 9	1 46	0 11	19 23	0 34	2 53	2 27	15 28	0 25	21 58	1 19	12 15	10 26	7 45	7 50	14 6	1 12	5 19
T 12	21 38	8 44	3 59	23 25	1 59	9 38	1 20	2 3	0 10	19 25	0 34	2 54	2 27	15 29	0 25	21 58	1 19	12 16	10 26	7 41	7 49	14 7	1 12	5 19
W13	21 28	4 41	3 10	23 9	2 1	9 17	1 31	2 21	0 9	19 28	0 34	2 56	2 26	15 29	0 25	21 58	1 19	12 16	10 26	7 38	7 48	14 9	1 12	5 19
T 14	21 18	0 21	2 10	22 53	2 3	8 57	1 43	2 38	0 7	19 30	0 34	2 57	2 26	15 30	0 26	21 58	1 19	12 16	10 26	7 37	7 47	14 10	1 11	5 20
F 15	21 7	4s 3	1 1	22 35	2 5	8 37	1 54	2 56	0 6	19 32	0 35	2 59	2 26	15 30	0 26	21 58	1 19	12 16	10 26	7 36	7 45	14 11	1 11	5 20
S 16	20 56	8 17	0n12	22 15	2 6	8 17	2 7	3 13	0 5	19 34	0 35	3 0	2 26	15 31	0 26	21 58	1 19	12 16	10 25	7 36	7 44	14 12	1 11	5 20
S 17	20 45	12 6	1 26	21 54	2 6	7 58	2 19	3 30	0 4	19 36	0 35	3 2	2 25	15 31	0 26	21 59	1 19	12 16	10 25	7 36	7 43	14 13	1 11	5 21
M18	20 33	15 15	2 34	21 31	2 6	7 39	2 32	3 48	0 3	19 38	0 35	3 3	2 25	15 32	0 26	21 59	1 19	12 16	10 25	7 36	7 42	14 14	1 10	5 21
T 19	20 20	17 29	3 34	21 6	2 6	7 21	2 44	4 5	0 2	19 40	0 35	3 5	2 25	15 32	0 26	21 59	1 19	12 16	10 25	7 34	7 41	14 16	1 10	5 21
W20	20 7	18 37	4 20	20 41	2 5	7 3	2 58	4 22	0 0	19 42	0 35	3 7	2 25	15 33	0 26	21 59	1 19	12 16	10 25	7 32	7 39	14 17	1 10	5 22
T 21	19 54	18 34	4 49	20 13	2 4	6 46	3 11	4 39	0n 1	19 44	0 35	3 8	2 24	15 33	0 26	21 59	1 19	12 16	10 25	7 28	7 38	14 18	1 9	5 22
F 22	19 41	17 20	5 1	19 44	2 3	6 29	3 25	4 57	0 2	19 46	0 36	3 10	2 24	15 34	0 26	21 59	1 19	12 17	10 24	7 24	7 37	14 19	1 9	5 22
S 23	19 27	15 3	4 54	19 14	2 0	6 13	3 38	5 14	0 3	19 48	0 36	3 12	2 24	15 34	0 26	21 59	1 19	12 17	10 24	7 19	7 36	14 20	1 8	5 22
S 24	19 13	11 59	4 30	18 42	1 58	5 58	3 52	5 31	0 4	19 50	0 36	3 13	2 24	15 34	0 26	21 59	1 19	12 17	10 24	7 14	7 35	14 21	1 7	5 23
M25	18 58	8 20	3 51	18 9	1 54	5 43	4 6	5 48	0 5	19 52	0 36	3 15	2 24	15 35	0 26	21 59	1 19	12 17	10 24	7 10	7 33	14 22	1 7	5 23
T 26	18 43	4 23	3 0	17 34	1 50	5 29	4 20	6 5	0 6	19 54	0 36	3 17	2 23	15 35	0 26	21 59	1 19	12 17	10 23	7 7	7 32	14 24	1 6	5 23
W27	18 28	0 21	2 2	16 58	1 46	5 16	4 35	6 22	0 7	19 56	0 36	3 19	2 23	15 36	0 26	21 59	1 19	12 17	10 23	7 5	7 31	14 25	1 5	5 23
T 28	18 12	3n36	1 0	16 21	1 40	5 4	4 49	6 38	0 8	19 58	0 36	3 21	2 23	15 36	0 26	21 59	1 19	12 17	10 23	7 4	7 30	14 26	1 4	5 24
F 29	17 56	7 19	0s 4	15 43	1 35	4 53	5 3	6 55	0 9	20 0	0 36	3 23	2 23	15 36	0 26	21 59	1 19	12 18	10 23	7 4	7 29	14 27	1 3	5 24
S 30	17 40	10 41	1 8	15 3	1 28	4 43	5 18	7 12	0 10	20 2	0 36	3 25	2 22	15 36	0 26	21 59	1 19	12 18	10 23	7 4	7 27	14 28	1 2	5 24
S 31	17s24	13n35	2s 7	14s23	1s21	4s33	5n32	7n29	0n11	20n 4	0n37	3n27	2s22	15s37	0n26	21s59	1n19	12n18	10s22	7s 4	7s26	14n29	1s 2	5s24

Julian Day Number = 2504505.5, Delta T = 118.30 sec
Ecliptic obliquity = 23°25'04, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°45'59, Lahiri = 25°53'00

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ASTRODIENST EPHEMERIS for the year 2145
geocentric

FEBRUARY 2145 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 45 35	12♒14'44	24♉26	26♒50	4°R40	19♈22	2°R52	14♈23	14♏ 0	24♐37	15°R21	18°R 2	18♎57	16♉41	19°R59	M 1
T 2	8 49 31	13°15'39	6♊20	28°28	4♓24	20° 3	2♌44	14°28	14° 1	24°38	15♊20	17♎59	18°54	16°47	19♍56	T 2
W 3	8 53 28	14°16'33	18°23	0♈ 4	4° 5	20°44	2°37	14°32	14° 2	24°40	15°20	17°54	18°51	16°54	19°53	W 3
T 4	8 57 24	15°17'26	0♋41	1°37	3°45	21°26	2°29	14°37	14° 2	24°42	15°19	17°46	18°48	17° 1	19°49	T 4
F 5	9 1 21	16°18'17	13°15	3° 7	3°22	22° 7	2°21	14°42	14° 3	24°43	15°19	17°36	18°44	17° 7	19°46	F 5
S 6	9 5 18	17°19'07	26° 8	4°34	2°56	22°48	2°14	14°48	14° 4	24°45	15°18	17°26	18°41	17°14	19°43	S 6
S 7	9 9 14	18°19'56	9♌19	5°57	2°29	23°30	2° 6	14°53	14° 4	24°46	15°18	17°15	18°38	17°21	19°39	S 7
M 8	9 13 11	19°20'44	22°48	7°15	2° 0	24°11	1°59	14°58	14° 5	24°48	15°17	17° 5	18°35	17°27	19°36	M 8
T 9	9 17 7	20°21'30	6♍31	8°28	1°29	24°52	1°52	15° 3	14° 5	24°49	15°17	16°57	18°32	17°34	19°32	T 9
W10	9 21 4	21°22'16	20°25	9°34	0°56	25°34	1°44	15° 9	14° 6	24°51	15°16	16°51	18°28	17°41	19°28	W10
T 11	9 25 0	22°23'00	4♎26	10°33	0°22	26°15	1°37	15°14	14° 6	24°52	15°16	16°48	18°25	17°47	19°24	T 11
F 12	9 28 57	23°23'43	18°32	11°25	29♒47	26°56	1°30	15°20	14° 6	24°54	15°16	16°D48	18°22	17°54	19°20	F 12
S 13	9 32 53	24°24'25	2♏40	12° 8	29°11	27°37	1°23	15°26	14° 6	24°55	15°15	16°48	18°19	18° 1	19°16	S 13
S 14	9 36 50	25°25'06	16°48	12°42	28°34	28°19	1°17	15°31	14° 7	24°56	15°15	16°49	18°16	18° 7	19°12	S 14
M15	9 40 47	26°25'47	0♐56	13° 6	27°57	29° 0	1°10	15°37	14° 7	24°58	15°15	16°R49	18°13	18°14	19° 8	M15
T 16	9 44 43	27°26'26	15° 0	13°20	27°19	29°41	1° 3	15°43	14° 7	24°59	15°14	16°48	18° 9	18°21	19° 4	T 16
W17	9 48 40	28°27'04	29° 2	13°R23	26°42	0♑22	0°57	15°49	14°R 7	25° 0	15°14	16°44	18° 6	18°27	19° 0	W17
T 18	9 52 36	29°27'41	12♑57	13°16	26° 5	1° 3	0°51	15°55	14° 7	25° 1	15°14	16°39	18° 3	18°34	18°56	T 18
F 19	9 56 33	0♓28'16	26°45	12°59	25°29	1°44	0°44	16° 1	14° 7	25° 3	15°14	16°31	18° 0	18°41	18°51	F 19
S 20	10 0 29	1°28'50	10♒21	12°32	24°53	2°25	0°38	16° 7	14° 7	25° 4	15°14	16°23	17°57	18°47	18°47	S 20
S 21	10 4 26	2°29'23	23°45	11°55	24°19	3° 7	0°32	16°13	14° 6	25° 5	15°13	16°16	17°54	18°54	18°43	S 21
M22	10 8 22	3°29'54	6♓52	11°10	23°46	3°48	0°27	16°19	14° 6	25° 6	15°13	16° 9	17°50	19° 1	18°38	M22
T 23	10 12 19	4°30'24	19°43	10°18	23°14	4°29	0°21	16°26	14° 6	25° 7	15°13	16° 4	17°47	19° 7	18°34	T 23
W24	10 16 16	5°30'52	2♈16	9°20	22°44	5°10	0°16	16°32	14° 5	25° 8	15°13	16° 1	17°44	19°14	18°29	W24
T 25	10 20 12	6°31'18	14°34	8°18	22°16	5°51	0°10	16°38	14° 5	25° 9	15°13	16°D 0	17°41	19°21	18°25	T 25
F 26	10 24 9	7°31'43	26°39	7°13	21°50	6°32	0° 5	16°45	14° 5	25°10	15°13	16° 0	17°38	19°27	18°20	F 26
S 27	10 28 5	8°32'05	8♉35	6° 7	21°26	7°13	0° 0	16°51	14° 4	25°11	15°13	16° 2	17°34	19°34	18°15	S 27
S 28	10 32 2	9♓32'26	20♉24	5♈ 2	21♒ 4	7♉54	29♋56	16♈58	14♏ 3	25♐12	15°D13	16♎ 3	17♎31	19♉41	18♍11	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s 7	15n56	3s 1	13s42	1s13	4s25	5n46	7n45	0n12	20n 6	0n37	3n29	2s22	15s37	0n26	21s59	1n19	12n18	10s22	7s 4	7s25	14n30	1s 1	5s24
T 2	16 49	17 36	3 48	13 0	1 4	4 18	6 0	8 2	0 13	20 8	0 37	3 31	2 22	15 37	0 26	21 59	1 19	12 18	10 22	7 3	7 24	14 31	0 59	5 24
W 3	16 32	18 30	4 25	12 17	0 54	4 11	6 14	8 18	0 14	20 9	0 37	3 33	2 22	15 37	0 26	21 59	1 19	12 18	10 22	7 1	7 23	14 33	0 58	5 25
T 4	16 14	18 34	4 51	11 34	0 44	4 6	6 27	8 35	0 15	20 11	0 37	3 35	2 21	15 38	0 26	21 59	1 19	12 19	10 21	6 58	7 21	14 34	0 57	5 25
F 5	15 56	17 44	5 3	10 51	0 32	4 2	6 40	8 51	0 16	20 13	0 37	3 37	2 21	15 38	0 26	22 0	1 19	12 19	10 21	6 54	7 20	14 35	0 56	5 25
S 6	15 38	15 59	5 1	10 8	0 20	3 59	6 53	9 7	0 16	20 15	0 37	3 39	2 21	15 38	0 26	22 0	1 19	12 19	10 21	6 50	7 19	14 36	0 55	5 25
S 7	15 19	13 22	4 42	9 26	0 8	3 57	7 5	9 23	0 17	20 17	0 37	3 42	2 21	15 38	0 26	22 0	1 19	12 19	10 21	6 46	7 18	14 37	0 54	5 25
M 8	15 0	10 0	4 8	8 45	0n 6	3 57	7 17	9 39	0 18	20 18	0 37	3 44	2 21	15 38	0 26	22 0	1 19	12 19	10 20	6 42	7 17	14 38	0 52	5 25
T 9	14 41	6 2	3 18	8 5	0 20	3 57	7 28	9 55	0 19	20 20	0 37	3 46	2 20	15 38	0 26	22 0	1 19	12 20	10 20	6 39	7 15	14 39	0 51	5 25
W10	14 22	1 42	2 17	7 26	0 35	3 59	7 39	10 11	0 20	20 22	0 38	3 48	2 20	15 39	0 26	22 0	1 19	12 20	10 20	6 37	7 14	14 40	0 50	5 25
T 11	14 2	2s46	1 6	6 49	0 50	4 1	7 48	10 27	0 21	20 24	0 38	3 51	2 20	15 39	0 26	22 0	1 19	12 20	10 20	6 36	7 13	14 41	0 48	5 26
F 12	13 43	7 7	0n 9	6 15	1 6	4 5	7 57	10 43	0 22	20 25	0 38	3 53	2 20	15 39	0 26	22 0	1 20	12 20	10 19	6 36	7 12	14 43	0 47	5 26
S 13	13 22	11 4	1 24	5 44	1 22	4 10	8 5	10 58	0 23	20 27	0 38	3 55	2 20	15 39	0 26	22 0	1 20	12 20	10 19	6 36	7 10	14 44	0 45	5 26
S 14	13 2	14 23	2 34	5 16	1 39	4 15	8 12	11 14	0 23	20 28	0 38	3 58	2 19	15 39	0 26	22 0	1 20	12 21	10 19	6 36	7 9	14 45	0 44	5 26
M15	12 42	16 49	3 35	4 52	1 55	4 22	8 19	11 29	0 24	20 30	0 38	4 0	2 19	15 39	0 26	22 0	1 20	12 21	10 19	6 36	7 8	14 46	0 42	5 26
T 16	12 21	18 14	4 22	4 32	2 11	4 29	8 24	11 44	0 25	20 31	0 38	4 2	2 19	15 39	0 26	22 0	1 20	12 21	10 18	6 36	7 7	14 47	0 41	5 26
W17	12 0	18 31	4 53	4 16	2 26	4 37	8 29	12 0	0 26	20 33	0 38	4 5	2 19	15 39	0 26	22 0	1 20	12 21	10 18	6 34	7 6	14 48	0 39	5 26
T 18	11 39	17 41	5 7	4 5	2 41	4 46	8 32	12 15	0 27	20 34	0 38	4 7	2 19	15 39	0 26	22 0	1 20	12 22	10 18	6 32	7 4	14 49	0 37	5 26
F 19	11 18	15 50	5 3	3 59	2 55	4 56	8 34	12 30	0 27	20 36	0 38	4 10	2 19	15 39	0 26	22 0	1 20	12 22	10 18	6 29	7 3	14 50	0 36	5 26
S 20	10 56	13 6	4 42	3 58	3 7	5 6	8 36	12 45	0 28	20 37	0 38	4 12	2 18	15 39	0 26	22 0	1 20	12 22	10 17	6 26	7 2	14 51	0 34	5 26
S 21	10 35	9 44	4 5	4 2	3 18	5 16	8 37	12 59	0 29	20 38	0 38	4 15	2 18	15 39	0 26	22 0	1 20	12 22	10 17	6 23	7 1	14 52	0 32	5 26
M22	10 13	5 57	3 16	4 10	3 27	5 27	8 36	13 14	0 30	20 40	0 38	4 17	2 18	15 39	0 26	22 0	1 20	12 23	10 17	6 21	7 0	14 53	0 30	5 26
T 23	9 51	1 57	2 18	4 23	3 34	5 39	8 35	13 29	0 30	20 41	0 38	4 20	2 18	15 38	0 26	22 0	1 20	12 23	10 17	6 19	6 58	14 54	0 28	5 25
W24	9 29	2n 2	1 14	4 40	3 39	5 50	8 33	13 43	0 31	20 42	0 38	4 22	2 18	15 38	0 26	22 0	1 20	12 23	10 16	6 18	6 57	14 55	0 27	5 25
T 25	9 7	5 52	0 8	5 1	3 42	6 2	8 30	13 57	0 32	20 43	0 38	4 25	2 18	15 38	0 26	22 0	1 20	12 23	10 16	6 17	6 56	14 57	0 25	5 25
F 26	8 44	9 22	0s58	5 24	3 43	6 14	8 26	14 12	0 32	20 44	0 38	4 27	2 18	15 38	0 26	22 0	1 20	12 24	10 16	6 17	6 55	14 58	0 23	5 25
S 27	8 22	12 27	2 0	5 50	3 41	6 25	8 21	14 26	0 33	20 45	0 38	4 30	2 17	15 38	0 26	22 0	1 20	12 24	10 16	6 18	6 54	14 59	0 21	5 25
S 28	7s59	15n 0	2s57	6s17	3n37	6s37	8n16	14n40	0n34	20n46	0n38	4n33	2s17	15s38	0n26	22s 0	1n20	12n24	10s15	6s19	6s52	15n 0	0s19	5s25

Julian Day Number = 2504536.5, Delta T = 118.35 sec
Ecliptic obliquity = 23°25'05, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°46'03, Lahiri = 25°53'04

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ASTRODIENST EPHEMERIS for the year 2145
geocentric

MARCH 2145 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 35 58	10♓32'45	2♊14	4°R 0	20°R44	8♉35	29°R51	17♈ 4	14°R 3	25♐13	15♊13	16♎ 5	17♎28	19♉47	18°R 6	M 1
T 2	10 39 55	11°33'01	14° 7	3♓ 0	20♒27	9°16	29♋47	17°11	14♏ 2	25°14	15°13	16°R 5	17°25	19°54	18♍ 1	T 2
W 3	10 43 51	12°33'16	26°11	2° 6	20°12	9°57	29°42	17°18	14° 1	25°15	15°13	16° 4	17°22	20° 1	17°57	W 3
T 4	10 47 48	13°33'29	8♋28	1°17	19°59	10°37	29°38	17°24	14° 1	25°15	15°13	16° 1	17°19	20° 7	17°52	T 4
F 5	10 51 45	14°33'40	21° 5	0°34	19°49	11°18	29°34	17°31	14° 0	25°16	15°13	15°58	17°15	20°14	17°47	F 5
S 6	10 55 41	15°33'49	4♌ 2	29♒57	19°42	11°59	29°31	17°38	13°59	25°17	15°13	15°53	17°12	20°21	17°42	S 6
S 7	10 59 38	16°33'55	17°22	29°28	19°37	12°40	29°27	17°45	13°58	25°18	15°14	15°48	17° 9	20°27	17°38	S 7
M 8	11 3 34	17°34'00	1♍ 5	29° 5	19°34	13°21	29°24	17°52	13°57	25°18	15°14	15°44	17° 6	20°34	17°33	M 8
T 9	11 7 31	18°34'03	15° 8	28°49	19°D34	14° 1	29°20	17°58	13°56	25°19	15°14	15°40	17° 3	20°41	17°28	T 9
W10	11 11 27	19°34'04	29°27	28°40	19°36	14°42	29°17	18° 5	13°55	25°20	15°14	15°38	16°59	20°47	17°23	W10
T 11	11 15 24	20°34'03	13♎56	28°D38	19°41	15°23	29°15	18°12	13°54	25°20	15°14	15°D37	16°56	20°54	17°19	T 11
F 12	11 19 20	21°34'00	28°30	28°42	19°48	16° 3	29°12	18°19	13°53	25°21	15°15	15°38	16°53	21° 1	17°14	F 12
S 13	11 23 17	22°33'56	13♏ 3	28°52	19°57	16°44	29°10	18°26	13°51	25°21	15°15	15°39	16°50	21° 7	17° 9	S 13
S 14	11 27 13	23°33'50	27°30	29° 7	20° 8	17°25	29° 7	18°34	13°50	25°22	15°15	15°40	16°47	21°14	17° 4	S 14
M15	11 31 10	24°33'42	11♐48	29°28	20°22	18° 5	29° 5	18°41	13°49	25°22	15°16	15°41	16°44	21°21	17° 0	M15
T 16	11 35 7	25°33'33	25°55	29°54	20°38	18°46	29° 3	18°48	13°47	25°22	15°16	15°R42	16°40	21°27	16°55	T 16
W17	11 39 3	26°33'22	9♑48	0♓24	20°55	19°26	29° 2	18°55	13°46	25°23	15°16	15°41	16°37	21°34	16°50	W17
T 18	11 43 0	27°33'10	23°27	0°59	21°15	20° 7	29° 0	19° 2	13°44	25°23	15°17	15°40	16°34	21°41	16°46	T 18
F 19	11 46 56	28°32'56	6♒53	1°38	21°36	20°47	28°59	19°10	13°43	25°23	15°17	15°38	16°31	21°47	16°41	F 19
S 20	11 50 53	29°32'40	20° 5	2°21	22° 0	21°28	28°58	19°17	13°41	25°24	15°18	15°35	16°28	21°54	16°36	S 20
S 21	11 54 49	0♈32'22	3♓ 2	3° 8	22°25	22° 8	28°57	19°24	13°40	25°24	15°18	15°33	16°25	22° 1	16°32	S 21
M22	11 58 46	1°32'02	15°47	3°58	22°51	22°49	28°56	19°31	13°38	25°24	15°19	15°31	16°21	22° 7	16°27	M22
T 23	12 2 42	2°31'41	28°18	4°51	23°19	23°29	28°56	19°39	13°37	25°24	15°19	15°30	16°18	22°14	16°23	T 23
W24	12 6 39	3°31'17	10♈38	5°48	23°49	24°10	28°55	19°46	13°35	25°24	15°20	15°D29	16°15	22°21	16°18	W24
T 25	12 10 36	4°30'52	22°46	6°47	24°21	24°50	28°D55	19°54	13°33	25°25	15°20	15°29	16°12	22°27	16°14	T 25
F 26	12 14 32	5°30'24	4♉46	7°49	24°53	25°30	28°55	20° 1	13°31	25°25	15°21	15°30	16° 9	22°34	16°10	F 26
S 27	12 18 29	6°29'54	16°39	8°53	25°27	26°11	28°56	20° 9	13°29	25°R25	15°21	15°31	16° 5	22°41	16° 5	S 27
S 28	12 22 25	7°29'22	28°28	10° 0	26° 3	26°51	28°56	20°16	13°28	25°25	15°22	15°32	16° 2	22°47	16° 1	S 28
M29	12 26 22	8°28'48	10♊18	11° 9	26°40	27°31	28°57	20°23	13°26	25°25	15°22	15°33	15°59	22°54	15°57	M29
T 30	12 30 18	9°28'11	22°11	12°20	27°17	28°11	28°58	20°31	13°24	25°25	15°23	15°33	15°56	23° 1	15°53	T 30
W31	12 34 15	10♈27'33	4♋14	13♓33	27♒57	28♉52	28♋59	20♈38	13♏22	25♐24	15♊24	15♎33	15♎53	23♉ 7	15♍49	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s36	16n54	3s46	6s45	3n31	6s49	8n10	14n54	0n34	20n47	0n38	4n35	2s17	15s37	0n26	22s 0	1n20	12n24	10s15	6s19	6s51	15n 1	0s17	5s25
T 2	7 14	18 5	4 26	7 13	3 24	7 0	8 3	15 7	0 35	20 48	0 39	4 38	2 17	15 37	0 26	22 0	1 20	12 25	10 15	6 19	6 50	15 2	0 15	5 25
W 3	6 51	18 28	4 54	7 41	3 15	7 12	7 56	15 21	0 36	20 49	0 39	4 41	2 17	15 37	0 26	22 0	1 20	12 25	10 15	6 19	6 49	15 3	0 13	5 24
T 4	6 28	17 59	5 10	8 9	3 4	7 23	7 49	15 34	0 36	20 50	0 39	4 43	2 17	15 37	0 26	22 0	1 20	12 25	10 14	6 18	6 47	15 4	0 11	5 24
F 5	6 4	16 38	5 12	8 35	2 52	7 33	7 41	15 48	0 37	20 51	0 39	4 46	2 17	15 36	0 26	22 0	1 20	12 25	10 14	6 16	6 46	15 5	0 9	5 24
S 6	5 41	14 25	4 57	8 59	2 40	7 44	7 32	16 1	0 38	20 52	0 39	4 49	2 17	15 36	0 26	22 0	1 20	12 26	10 14	6 15	6 45	15 6	0 7	5 24
S 7	5 18	11 22	4 27	9 22	2 26	7 54	7 24	16 14	0 38	20 53	0 39	4 51	2 16	15 36	0 26	22 0	1 20	12 26	10 14	6 13	6 44	15 7	0 5	5 24
M 8	4 55	7 38	3 41	9 43	2 12	8 3	7 14	16 27	0 39	20 53	0 39	4 54	2 16	15 36	0 26	22 0	1 20	12 26	10 13	6 11	6 43	15 8	0 3	5 23
T 9	4 31	3 24	2 40	10 1	1 58	8 12	7 5	16 40	0 40	20 54	0 39	4 57	2 16	15 35	0 26	22 0	1 20	12 27	10 13	6 10	6 41	15 9	0 1	5 23
W10	4 8	1s 7	1 28	10 18	1 44	8 20	6 55	16 52	0 40	20 55	0 39	4 59	2 16	15 35	0 26	22 0	1 20	12 27	10 13	6 9	6 40	15 10	0n 1	5 23
T 11	3 44	5 38	0 9	10 32	1 30	8 28	6 46	17 5	0 41	20 55	0 39	5 2	2 16	15 35	0 26	22 0	1 20	12 27	10 13	6 9	6 39	15 11	0 3	5 22
F 12	3 20	9 50	1n10	10 44	1 16	8 36	6 36	17 17	0 41	20 56	0 39	5 5	2 16	15 34	0 26	22 0	1 21	12 27	10 12	6 9	6 38	15 12	0 6	5 22
S 13	2 57	13 26	2 25	10 53	1 2	8 43	6 25	17 30	0 42	20 56	0 39	5 8	2 16	15 34	0 26	22 0	1 21	12 28	10 12	6 9	6 37	15 13	0 8	5 22
S 14	2 33	16 10	3 31	11 1	0 48	8 49	6 15	17 42	0 43	20 57	0 39	5 10	2 16	15 33	0 26	22 0	1 21	12 28	10 12	6 10	6 35	15 14	0 10	5 21
M15	2 10	17 51	4 22	11 6	0 35	8 55	6 5	17 54	0 43	20 57	0 39	5 13	2 16	15 33	0 26	22 0	1 21	12 28	10 11	6 10	6 34	15 15	0 12	5 21
T 16	1 46	18 24	4 57	11 9	0 22	9 0	5 54	18 5	0 44	20 58	0 39	5 16	2 16	15 33	0 26	22 0	1 21	12 29	10 11	6 10	6 33	15 16	0 14	5 21
W17	1 22	17 50	5 14	11 10	0 9	9 4	5 44	18 17	0 44	20 58	0 39	5 19	2 15	15 32	0 26	22 0	1 21	12 29	10 11	6 10	6 32	15 17	0 16	5 20
T 18	0 58	16 15	5 13	11 9	0s 3	9 8	5 34	18 28	0 45	20 58	0 39	5 22	2 15	15 32	0 26	22 0	1 21	12 29	10 11	6 10	6 30	15 18	0 18	5 20
F 19	0 35	13 47	4 54	11 7	0 15	9 11	5 23	18 40	0 45	20 59	0 39	5 24	2 15	15 31	0 26	22 0	1 21	12 29	10 10	6 9	6 29	15 19	0 20	5 20
S 20	0 11	10 39	4 21	11 2	0 26	9 14	5 13	18 51	0 46	20 59	0 39	5 27	2 15	15 31	0 26	22 0	1 21	12 30	10 10	6 8	6 28	15 20	0 23	5 19
S 21	0n13	7 3	3 34	10 55	0 37	9 16	5 2	19 2	0 46	20 59	0 39	5 30	2 15	15 30	0 26	21 59	1 21	12 30	10 10	6 7	6 27	15 21	0 25	5 19
M22	0 37	3 11	2 37	10 47	0 47	9 17	4 52	19 13	0 47	20 59	0 39	5 33	2 15	15 30	0 26	21 59	1 21	12 30	10 10	6 6	6 26	15 22	0 27	5 18
T 23	1 0	0n46	1 34	10 36	0 57	9 18	4 41	19 23	0 47	20 59	0 39	5 36	2 15	15 29	0 26	21 59	1 21	12 31	10 9	6 6	6 24	15 23	0 29	5 18
W24	1 24	4 37	0 27	10 24	1 6	9 18	4 31	19 34	0 48	20 59	0 39	5 39	2 15	15 29	0 26	21 59	1 21	12 31	10 9	6 6	6 23	15 24	0 31	5 18
T 25	1 48	8 14	0s40	10 11	1 15	9 17	4 21	19 44	0 48	20 59	0 39	5 41	2 15	15 28	0 26	21 59	1 21	12 31	10 9	6 6	6 22	15 25	0 33	5 17
F 26	2 11	11 27	1 45	9 55	1 24	9 16	4 11	19 55	0 49	20 59	0 39	5 44	2 15	15 28	0 26	21 59	1 21	12 31	10 9	6 6	6 21	15 26	0 35	5 17
S 27	2 35	14 10	2 45	9 39	1 31	9 14	4 1	20 5	0 49	20 59	0 39	5 47	2 15	15 27	0 26	21 59	1 21	12 32	10 8	6 6	6 19	15 27	0 37	5 16
S 28	2 58	16 17	3 37	9 20	1 39	9 12	3 51	20 14	0 50	20 59	0 39	5 50	2 15	15 27	0 26	21 59	1 21	12 32	10 8	6 6	6 18	15 28	0 40	5 16
M29	3 22	17 41	4 20	9 1	1 46	9 9	3 41	20 24	0 50	20 59	0 39	5 53	2 15	15 26	0 26	21 59	1 21	12 32	10 8	6 7	6 17	15 29	0 42	5 15
T 30	3 45	18 20	4 52	8 39	1 52	9 5	3 31	20 34	0 51	20 59	0 39	5 56	2 15	15 25	0 26	21 59	1 21	12 33	10 8	6 7	6 16	15 30	0 44	5 15
W31	4n 8	18n10	5s12	8s17	1s58	9s 1	3n22	20n43	0n51	20n59	0n39	5n58	2s15	15s25	0n26	21s59	1n21	12n33	10s 7	6s 7	6s15	15n31	0n46	5s14

Julian Day Number = 2504564.5, Delta T = 118.40 sec
Ecliptic obliquity = 23°25'05, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°46'07, Lahiri = 25°53'08

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ASTRODIENST EPHEMERIS for the year 2145
geocentric

APRIL 2145 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 11	11♈26'52	16♋29	14♓49	28♒37	29♉32	29♋ 0	20♈46	13°R20	25°R24	15♊24	15°R33	15♎50	23♉14	15°R45	T 1
F 2	12 42 8	12°26'08	29° 2	16° 6	29°18	0♊12	29° 1	20°53	13♏18	25♐24	15°25	15♎33	15°46	23°21	15♍41	F 2
S 3	12 46 5	13°25'23	11♌56	17°25	0♓ 0	0°52	29° 3	21° 1	13°16	25°24	15°26	15°33	15°43	23°27	15°37	S 3
S 4	12 50 1	14°24'35	25°15	18°46	0°44	1°32	29° 5	21° 9	13°14	25°24	15°27	15°33	15°40	23°34	15°33	S 4
M 5	12 53 58	15°23'44	9♍ 0	20° 8	1°28	2°12	29° 7	21°16	13°11	25°23	15°27	15°D33	15°37	23°41	15°29	M 5
T 6	12 57 54	16°22'52	23°10	21°33	2°13	2°52	29° 9	21°24	13° 9	25°23	15°28	15°33	15°34	23°47	15°25	T 6
W 7	13 1 51	17°21'57	7♎42	22°59	2°59	3°32	29°11	21°31	13° 7	25°23	15°29	15°R33	15°31	23°54	15°22	W 7
T 8	13 5 47	18°21'00	22°31	24°27	3°46	4°12	29°14	21°39	13° 5	25°22	15°30	15°33	15°27	24° 1	15°18	T 8
F 9	13 9 44	19°20'02	7♏29	25°56	4°34	4°52	29°16	21°46	13° 3	25°22	15°31	15°33	15°24	24° 7	15°15	F 9
S 10	13 13 40	20°19'01	22°28	27°27	5°23	5°32	29°19	21°54	13° 0	25°22	15°31	15°32	15°21	24°14	15°12	S 10
S 11	13 17 37	21°17'59	7♐20	28°59	6°12	6°12	29°22	22° 2	12°58	25°21	15°32	15°32	15°18	24°21	15° 8	S 11
M12	13 21 34	22°16'54	21°58	0♈34	7° 2	6°52	29°26	22° 9	12°56	25°21	15°33	15°31	15°15	24°27	15° 5	M12
T 13	13 25 30	23°15'49	6♑17	2° 9	7°53	7°32	29°29	22°17	12°53	25°20	15°34	15°31	15°11	24°34	15° 2	T 13
W14	13 29 27	24°14'41	20°15	3°46	8°44	8°12	29°33	22°24	12°51	25°20	15°35	15°D30	15° 8	24°41	14°59	W14
T 15	13 33 23	25°13'32	3♒51	5°25	9°37	8°52	29°36	22°32	12°49	25°19	15°36	15°30	15° 5	24°47	14°56	T 15
F 16	13 37 20	26°12'21	17° 6	7° 6	10°29	9°31	29°40	22°40	12°46	25°18	15°37	15°31	15° 2	24°54	14°53	F 16
S 17	13 41 16	27°11'08	0♓ 2	8°48	11°23	10°11	29°44	22°47	12°44	25°18	15°38	15°32	14°59	25° 1	14°50	S 17
S 18	13 45 13	28° 9'54	12°42	10°31	12°17	10°51	29°49	22°55	12°41	25°17	15°39	15°33	14°56	25° 7	14°48	S 18
M19	13 49 9	29° 8'37	25° 8	12°16	13°11	11°31	29°53	23° 2	12°39	25°16	15°40	15°34	14°52	25°14	14°45	M19
T 20	13 53 6	0♉ 7'19	7♈22	14° 3	14° 6	12°10	29°58	23°10	12°37	25°16	15°41	15°35	14°49	25°21	14°43	T 20
W21	13 57 2	1° 5'59	19°28	15°51	15° 2	12°50	0♌ 2	23°17	12°34	25°15	15°42	15°R35	14°46	25°28	14°40	W21
T 22	14 0 59	2° 4'37	1♉26	17°41	15°58	13°30	0° 7	23°25	12°32	25°14	15°43	15°34	14°43	25°34	14°38	T 22
F 23	14 4 56	3° 3'14	13°19	19°33	16°54	14° 9	0°12	23°32	12°29	25°13	15°44	15°33	14°40	25°41	14°36	F 23
S 24	14 8 52	4° 1'48	25°10	21°26	17°51	14°49	0°18	23°40	12°27	25°13	15°45	15°30	14°36	25°48	14°34	S 24
S 25	14 12 49	5° 0'21	6♊59	23°20	18°49	15°28	0°23	23°47	12°24	25°12	15°46	15°27	14°33	25°54	14°32	S 25
M26	14 16 45	5°58'51	18°50	25°17	19°46	16° 8	0°29	23°55	12°22	25°11	15°47	15°24	14°30	26° 1	14°30	M26
T 27	14 20 42	6°57'20	0♋45	27°15	20°45	16°47	0°34	24° 2	12°19	25°10	15°48	15°21	14°27	26° 8	14°28	T 27
W28	14 24 38	7°55'46	12°48	29°14	21°43	17°27	0°40	24°10	12°17	25° 9	15°49	15°18	14°24	26°14	14°27	W28
T 29	14 28 35	8°54'10	25° 2	1♉15	22°42	18° 6	0°46	24°17	12°14	25° 8	15°50	15°16	14°21	26°21	14°25	T 29
F 30	14 32 31	9♉52'32	7♌32	3♉18	23♓42	18♊46	0♌52	24♈25	12♏11	25♐ 7	15♊52	15°D15	14♎17	26♉28	14♍24	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n31	17n 9	5s18	7s53	2s 4	8s56	3n12	20n52	0n51	20n58	0n39	6n 1	2s15	15s24	0n26	21s59	1n21	12n33	10s 7	6s 7	6s13	15n32	0n48	5s13
F 2	4 55	15 17	5 9	7 27	2 8	8 51	3 3	21 1	0 52	20 58	0 39	6 4	2 15	15 24	0 27	21 59	1 21	12 34	10 7	6 7	6 12	15 33	0 50	5 13
S 3	5 18	12 38	4 45	7 0	2 13	8 45	2 54	21 10	0 52	20 58	0 39	6 7	2 15	15 23	0 27	21 59	1 21	12 34	10 7	6 7	6 11	15 34	0 52	5 12
S 4	5 41	9 15	4 5	6 32	2 17	8 38	2 44	21 19	0 53	20 57	0 39	6 10	2 14	15 22	0 27	21 59	1 21	12 34	10 7	6 7	6 10	15 35	0 54	5 12
M 5	6 3	5 15	3 10	6 3	2 20	8 31	2 35	21 27	0 53	20 57	0 39	6 13	2 14	15 22	0 27	21 59	1 21	12 35	10 6	6 7	6 8	15 36	0 56	5 11
T 6	6 26	0 51	2 1	5 33	2 23	8 24	2 27	21 35	0 54	20 56	0 39	6 15	2 14	15 21	0 27	21 59	1 21	12 35	10 6	6 7	6 7	15 37	0 58	5 11
W 7	6 49	3s43	0 43	5 1	2 26	8 15	2 18	21 44	0 54	20 56	0 38	6 18	2 14	15 20	0 27	21 59	1 22	12 35	10 6	6 7	6 6	15 38	1 0	5 10
T 8	7 11	8 9	0n39	4 28	2 28	8 7	2 9	21 51	0 54	20 55	0 38	6 21	2 14	15 20	0 27	21 59	1 22	12 35	10 6	6 7	6 5	15 39	1 2	5 9
F 9	7 34	12 7	1 59	3 54	2 29	7 57	2 1	21 59	0 55	20 55	0 38	6 24	2 14	15 19	0 27	21 59	1 22	12 36	10 5	6 7	6 4	15 40	1 4	5 9
S 10	7 56	15 17	3 11	3 19	2 30	7 47	1 52	22 7	0 55	20 54	0 38	6 27	2 14	15 18	0 27	21 59	1 22	12 36	10 5	6 7	6 2	15 41	1 5	5 8
S 11	8 18	17 24	4 10	2 42	2 31	7 37	1 44	22 14	0 56	20 53	0 38	6 30	2 14	15 18	0 27	21 59	1 22	12 36	10 5	6 7	6 1	15 41	1 7	5 8
M12	8 40	18 20	4 51	2 5	2 31	7 26	1 36	22 21	0 56	20 53	0 38	6 32	2 14	15 17	0 27	21 59	1 22	12 37	10 5	6 6	6 0	15 42	1 9	5 7
T 13	9 2	18 3	5 13	1 26	2 30	7 15	1 28	22 28	0 56	20 52	0 38	6 35	2 14	15 16	0 27	21 58	1 22	12 37	10 5	6 6	5 59	15 43	1 11	5 6
W14	9 24	16 41	5 16	0 47	2 29	7 3	1 20	22 35	0 57	20 51	0 38	6 38	2 14	15 16	0 27	21 58	1 22	12 37	10 4	6 6	5 57	15 44	1 13	5 6
T 15	9 45	14 23	5 1	0 6	2 28	6 50	1 13	22 42	0 57	20 50	0 38	6 41	2 14	15 15	0 27	21 58	1 22	12 38	10 4	6 6	5 56	15 45	1 14	5 5
F 16	10 6	11 24	4 31	0n35	2 26	6 37	1 5	22 48	0 57	20 50	0 38	6 44	2 14	15 14	0 27	21 58	1 22	12 38	10 4	6 6	5 55	15 46	1 16	5 4
S 17	10 28	7 55	3 47	1 17	2 23	6 24	0 58	22 54	0 58	20 49	0 38	6 46	2 14	15 13	0 27	21 58	1 22	12 38	10 4	6 7	5 54	15 47	1 18	5 4
S 18	10 49	4 8	2 52	2 1	2 20	6 10	0 51	23 0	0 58	20 48	0 38	6 49	2 14	15 13	0 27	21 58	1 22	12 38	10 4	6 7	5 53	15 48	1 19	5 3
M19	11 10	0 14	1 51	2 45	2 16	5 56	0 44	23 6	0 58	20 47	0 38	6 52	2 14	15 12	0 27	21 58	1 22	12 39	10 3	6 7	5 51	15 49	1 21	5 2
T 20	11 30	3n37	0 45	3 30	2 12	5 41	0 37	23 12	0 59	20 46	0 38	6 55	2 14	15 11	0 27	21 58	1 22	12 39	10 3	6 8	5 50	15 50	1 23	5 1
W21	11 51	7 17	0s21	4 16	2 8	5 26	0 30	23 17	0 59	20 45	0 38	6 57	2 15	15 11	0 27	21 58	1 22	12 39	10 3	6 8	5 49	15 51	1 24	5 1
T 22	12 11	10 36	1 27	5 3	2 3	5 11	0 23	23 23	0 59	20 44	0 38	7 0	2 15	15 10	0 27	21 58	1 22	12 40	10 3	6 7	5 48	15 52	1 26	5 0
F 23	12 31	13 29	2 27	5 50	1 57	4 55	0 17	23 28	1 0	20 43	0 38	7 3	2 15	15 9	0 27	21 58	1 22	12 40	10 3	6 7	5 46	15 52	1 27	4 59
S 24	12 51	15 46	3 22	6 38	1 51	4 38	0 10	23 33	1 0	20 41	0 38	7 6	2 15	15 8	0 27	21 58	1 22	12 40	10 2	6 6	5 45	15 53	1 29	4 59
S 25	13 11	17 24	4 7	7 26	1 45	4 22	0 4	23 37	1 0	20 40	0 38	7 8	2 15	15 7	0 26	21 58	1 22	12 40	10 2	6 5	5 44	15 54	1 30	4 58
M26	13 30	18 16	4 42	8 15	1 38	4 5	0s 2	23 42	1 0	20 39	0 38	7 11	2 15	15 7	0 26	21 58	1 22	12 41	10 2	6 3	5 43	15 55	1 32	4 57
T 27	13 49	18 20	5 5	9 5	1 30	3 47	0 8	23 46	1 1	20 38	0 38	7 14	2 15	15 6	0 26	21 58	1 22	12 41	10 2	6 2	5 41	15 56	1 33	4 56
W28	14 8	17 35	5 14	9 55	1 22	3 29	0 14	23 50	1 1	20 37	0 38	7 16	2 15	15 5	0 26	21 58	1 22	12 41	10 2	6 1	5 40	15 57	1 34	4 56
T 29	14 27	16 1	5 10	10 45	1 14	3 11	0 19	23 54	1 1	20 35	0 38	7 19	2 15	15 4	0 26	21 58	1 22	12 42	10 2	6 0	5 39	15 58	1 35	4 55
F 30	14n46	13n40	4s51	11n35	1s 5	2s53	0s25	23n58	1n 2	20n34	0n38	7n22	2s15	15s 4	0n26	21s57	1n22	12n42	10s 1	6s 0	5s38	15n59	1n37	4s54

Julian Day Number = 2504595.5, Delta T = 118.46 sec
Ecliptic obliquity = 23°25'05, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°46'11, Lahiri = 25°53'12

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ASTRODIENST EPHEMERIS for the year 2145
geocentric

MAY 2145 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 28	10♉50'52	20♌20	5♉22	24♓41	19♊25	0♌59	24♈32	12°R 9	25°R 6	15♊53	15♎16	14♎14	26♉34	14°R22	S 1
S 2	14 40 25	11°49'10	3♍33	7°27	25°41	20° 5	1° 5	24°40	12♏ 6	25♐ 5	15°54	15°17	14°11	26°41	14♍21	S 2
M 3	14 44 21	12°47'26	17°10	9°33	26°42	20°44	1°12	24°47	12° 4	25° 4	15°55	15°18	14° 8	26°48	14°20	M 3
T 4	14 48 18	13°45'40	1♎16	11°41	27°43	21°23	1°19	24°54	12° 1	25° 3	15°56	15°20	14° 5	26°54	14°19	T 4
W 5	14 52 14	14°43'52	15°47	13°49	28°44	22° 3	1°25	25° 2	11°59	25° 2	15°57	15°R20	14° 2	27° 1	14°18	W 5
T 6	14 56 11	15°42'02	0♏40	15°58	29°45	22°42	1°33	25° 9	11°56	25° 0	15°59	15°19	13°58	27° 8	14°17	T 6
F 7	15 0 7	16°40'10	15°49	18° 8	0♈47	23°21	1°40	25°16	11°54	24°59	16° 0	15°17	13°55	27°14	14°17	F 7
S 8	15 4 4	17°38'17	1♐ 4	20°18	1°48	24° 1	1°47	25°23	11°51	24°58	16° 1	15°14	13°52	27°21	14°16	S 8
S 9	15 8 0	18°36'22	16°15	22°28	2°51	24°40	1°54	25°31	11°49	24°57	16° 2	15° 9	13°49	27°28	14°16	S 9
M10	15 11 57	19°34'25	1♑11	24°38	3°53	25°19	2° 2	25°38	11°46	24°56	16° 4	15° 4	13°46	27°34	14°15	M10
T 11	15 15 54	20°32'27	15°47	26°47	4°56	25°58	2°10	25°45	11°44	24°54	16° 5	15° 0	13°42	27°41	14°15	T 11
W12	15 19 50	21°30'28	29°56	28°56	5°59	26°37	2°17	25°52	11°41	24°53	16° 6	14°57	13°39	27°48	14°D15	W12
T 13	15 23 47	22°28'28	13♒37	1♊ 3	7° 2	27°16	2°25	25°59	11°39	24°52	16° 7	14°55	13°36	27°54	14°15	T 13
F 14	15 27 43	23°26'26	26°52	3° 9	8° 6	27°56	2°33	26° 6	11°36	24°51	16° 9	14°D54	13°33	28° 1	14°15	F 14
S 15	15 31 40	24°24'23	9♓43	5°14	9° 9	28°35	2°42	26°13	11°34	24°49	16°10	14°55	13°30	28° 8	14°15	S 15
S 16	15 35 36	25°22'18	22°14	7°16	10°13	29°14	2°50	26°20	11°31	24°48	16°11	14°57	13°27	28°15	14°16	S 16
M17	15 39 33	26°20'12	4♈30	9°16	11°17	29°53	2°58	26°27	11°29	24°47	16°13	14°58	13°23	28°21	14°16	M17
T 18	15 43 29	27°18'05	16°34	11°14	12°22	0♋32	3° 7	26°34	11°26	24°45	16°14	14°R59	13°20	28°28	14°17	T 18
W19	15 47 26	28°15'57	28°29	13°10	13°26	1°11	3°16	26°41	11°24	24°44	16°15	14°58	13°17	28°35	14°17	W19
T 20	15 51 23	29°13'48	10♉21	15° 3	14°31	1°50	3°24	26°48	11°21	24°42	16°16	14°55	13°14	28°41	14°18	T 20
F 21	15 55 19	0♊11'37	22°10	16°53	15°36	2°29	3°33	26°55	11°19	24°41	16°18	14°49	13°11	28°48	14°19	F 21
S 22	15 59 16	1° 9'24	3♊59	18°40	16°41	3° 8	3°42	27° 1	11°17	24°39	16°19	14°42	13° 8	28°55	14°20	S 22
S 23	16 3 12	2° 7'11	15°51	20°24	17°46	3°47	3°51	27° 8	11°14	24°38	16°20	14°34	13° 4	29° 1	14°21	S 23
M24	16 7 9	3° 4'56	27°46	22° 5	18°52	4°26	4° 0	27°15	11°12	24°37	16°22	14°25	13° 1	29° 8	14°23	M24
T 25	16 11 5	4° 2'40	9♋46	23°43	19°57	5° 5	4°10	27°21	11°10	24°35	16°23	14°16	12°58	29°15	14°24	T 25
W26	16 15 2	5° 0'22	21°54	25°18	21° 3	5°43	4°19	27°28	11° 8	24°34	16°25	14° 8	12°55	29°21	14°25	W26
T 27	16 18 58	5°58'03	4♌12	26°49	22° 9	6°22	4°29	27°34	11° 5	24°32	16°26	14° 1	12°52	29°28	14°27	T 27
F 28	16 22 55	6°55'42	16°43	28°17	23°15	7° 1	4°38	27°41	11° 3	24°31	16°27	13°57	12°48	29°35	14°29	F 28
S 29	16 26 52	7°53'19	29°30	29°42	24°21	7°40	4°48	27°47	11° 1	24°29	16°29	13°55	12°45	29°41	14°31	S 29
S 30	16 30 48	8°50'56	12♍37	1♋ 4	25°28	8°19	4°58	27°54	10°59	24°27	16°30	13°D55	12°42	29°48	14°33	S 30
M31	16 34 45	9♊48'30	26♍ 6	2♋22	26♈34	8♋58	5♌ 8	28♈ 0	10♏57	24♐26	16♊31	13♎56	12♎39	29♉55	14♍35	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 4	10n37	4s18	12n25	0s56	2s34	0s30	24n 1	1n 2	20n32	0n38	7n24	2s15	15s 3	0n26	21s57	1n22	12n42	10s 1	6s 0	5s37	16n 0	1n38	4s53
S 2	15 22	6 56	3 30	13 15	0 46	2 15	0 36	24 5	1 2	20 31	0 38	7 27	2 15	15 2	0 26	21 57	1 22	12 42	10 1	6 1	5 35	16 1	1 39	4 53
M 3	15 40	2 47	2 29	14 5	0 36	1 56	0 41	24 8	1 2	20 30	0 38	7 30	2 15	15 1	0 26	21 57	1 22	12 43	10 1	6 1	5 34	16 1	1 40	4 52
T 4	15 57	1s40	1 17	14 54	0 26	1 36	0 46	24 11	1 3	20 28	0 38	7 32	2 15	15 1	0 26	21 57	1 22	12 43	10 1	6 2	5 33	16 2	1 41	4 51
W 5	16 15	6 10	0n 2	15 43	0 16	1 17	0 50	24 13	1 3	20 27	0 38	7 35	2 15	15 0	0 26	21 57	1 22	12 43	10 1	6 2	5 32	16 3	1 42	4 50
T 6	16 32	10 24	1 23	16 31	0 6	0 57	0 55	24 16	1 3	20 25	0 38	7 37	2 15	14 59	0 26	21 57	1 22	12 43	10 0	6 2	5 30	16 4	1 43	4 50
F 7	16 48	14 1	2 39	17 18	0n 5	0 36	1 0	24 18	1 3	20 23	0 38	7 40	2 15	14 58	0 26	21 57	1 22	12 44	10 0	6 1	5 29	16 5	1 44	4 49
S 8	17 5	16 41	3 44	18 3	0 16	0 16	1 4	24 20	1 4	20 22	0 38	7 42	2 15	14 58	0 26	21 57	1 22	12 44	10 0	6 0	5 28	16 6	1 45	4 48
S 9	17 21	18 10	4 33	18 48	0 26	0n 5	1 8	24 22	1 4	20 20	0 38	7 45	2 16	14 57	0 26	21 57	1 22	12 44	10 0	5 58	5 27	16 7	1 46	4 47
M10	17 37	18 22	5 3	19 30	0 37	0 26	1 12	24 24	1 4	20 18	0 38	7 48	2 16	14 56	0 26	21 57	1 22	12 45	10 0	5 56	5 25	16 7	1 47	4 46
T 11	17 52	17 19	5 12	20 11	0 47	0 47	1 16	24 26	1 4	20 17	0 38	7 50	2 16	14 55	0 26	21 57	1 23	12 45	10 0	5 54	5 24	16 8	1 48	4 46
W12	18 7	15 14	5 1	20 50	0 57	1 9	1 20	24 27	1 4	20 15	0 38	7 53	2 16	14 54	0 26	21 57	1 23	12 45	10 0	5 53	5 23	16 9	1 49	4 45
T 13	18 22	12 21	4 34	21 26	1 6	1 30	1 24	24 28	1 5	20 13	0 38	7 55	2 16	14 54	0 26	21 57	1 23	12 45	9 59	5 52	5 22	16 10	1 49	4 44
F 14	18 37	8 54	3 52	22 0	1 16	1 52	1 27	24 29	1 5	20 11	0 38	7 57	2 16	14 53	0 26	21 57	1 23	12 46	9 59	5 52	5 21	16 11	1 50	4 43
S 15	18 51	5 8	3 0	22 32	1 24	2 14	1 31	24 30	1 5	20 9	0 38	8 0	2 16	14 52	0 26	21 56	1 23	12 46	9 59	5 52	5 19	16 12	1 51	4 42
S 16	19 5	1 14	2 1	23 2	1 33	2 36	1 34	24 30	1 5	20 7	0 38	8 2	2 16	14 51	0 26	21 56	1 23	12 46	9 59	5 53	5 18	16 13	1 51	4 42
M17	19 19	2n39	0 57	23 28	1 40	2 58	1 37	24 30	1 5	20 5	0 38	8 5	2 16	14 51	0 26	21 56	1 23	12 46	9 59	5 54	5 17	16 13	1 52	4 41
T 18	19 32	6 22	0s 9	23 53	1 47	3 20	1 40	24 31	1 6	20 3	0 38	8 7	2 16	14 50	0 26	21 56	1 23	12 46	9 59	5 54	5 16	16 14	1 52	4 40
W19	19 45	9 48	1 13	24 14	1 54	3 43	1 43	24 31	1 6	20 1	0 38	8 9	2 17	14 49	0 26	21 56	1 23	12 47	9 59	5 53	5 14	16 15	1 53	4 39
T 20	19 58	12 48	2 13	24 33	1 59	4 5	1 46	24 30	1 6	19 59	0 38	8 12	2 17	14 49	0 26	21 56	1 23	12 47	9 59	5 52	5 13	16 16	1 53	4 39
F 21	20 10	15 16	3 7	24 50	2 4	4 28	1 49	24 30	1 6	19 57	0 38	8 14	2 17	14 48	0 26	21 56	1 23	12 47	9 59	5 50	5 12	16 17	1 53	4 38
S 22	20 22	17 6	3 54	25 4	2 8	4 50	1 51	24 29	1 6	19 55	0 38	8 16	2 17	14 47	0 26	21 56	1 23	12 47	9 58	5 47	5 11	16 18	1 54	4 37
S 23	20 34	18 12	4 30	25 15	2 11	5 13	1 54	24 28	1 6	19 53	0 38	8 19	2 17	14 46	0 26	21 56	1 23	12 48	9 58	5 44	5 9	16 18	1 54	4 36
M24	20 45	18 30	4 54	25 24	2 14	5 35	1 56	24 27	1 7	19 51	0 38	8 21	2 17	14 46	0 26	21 56	1 23	12 48	9 58	5 41	5 8	16 19	1 54	4 35
T 25	20 56	17 58	5 6	25 31	2 15	5 58	1 58	24 26	1 7	19 49	0 38	8 23	2 17	14 45	0 26	21 56	1 23	12 48	9 58	5 37	5 7	16 20	1 55	4 35
W26	21 7	16 38	5 4	25 36	2 16	6 21	2 0	24 25	1 7	19 46	0 38	8 25	2 17	14 44	0 26	21 56	1 23	12 48	9 58	5 34	5 6	16 21	1 55	4 34
T 27	21 17	14 31	4 48	25 39	2 16	6 44	2 2	24 23	1 7	19 44	0 38	8 28	2 18	14 44	0 26	21 56	1 23	12 48	9 58	5 32	5 5	16 22	1 55	4 33
F 28	21 27	11 42	4 18	25 40	2 15	7 6	2 4	24 21	1 7	19 42	0 38	8 30	2 18	14 43	0 26	21 56	1 23	12 49	9 58	5 30	5 3	16 22	1 55	4 32
S 29	21 36	8 16	3 35	25 39	2 14	7 29	2 6	24 19	1 7	19 40	0 38	8 32	2 18	14 42	0 26	21 55	1 23	12 49	9 58	5 29	5 2	16 23	1 55	4 31
S 30	21 45	4 21	2 40	25 36	2 11	7 52	2 7	24 17	1 8	19 37	0 38	8 34	2 18	14 42	0 26	21 55	1 23	12 49	9 58	5 29	5 1	16 24	1 55	4 31
M31	21n54	0n 6	1s34	25n31	2n 8	8n14	2s 9	24n14	1n 8	19n35	0n38	8n36	2s18	14s41	0n26	21s55	1n23	12n49	9s58	5s29	5s 0	16n25	1n55	4s30

Julian Day Number = 2504625.5, Delta T = 118.51 sec
Ecliptic obliquity = 23°25'04, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°46'16, Lahiri = 25°53'16

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ASTRODIENST EPHEMERIS for the year 2145
geocentric

JUNE 2145 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 41	10♊46'04	10♎ 0	3♋37	27♈41	9♋36	5♌18	28♈ 6	10°R55	24°R24	16♊33	13°R56	12♎36	0♊ 2	14♍37	T 1
W 2	16 42 38	11°43'36	24°21	4°48	28°47	10°15	5°28	28°13	10♏52	24♐23	16°34	13♎56	12°33	0° 8	14°39	W 2
T 3	16 46 34	12°41'06	9♏ 5	5°56	29°54	10°54	5°38	28°19	10°50	24°21	16°36	13°54	12°29	0°15	14°41	T 3
F 4	16 50 31	13°38'36	24° 8	7° 0	1♉ 1	11°32	5°48	28°25	10°48	24°20	16°37	13°49	12°26	0°22	14°44	F 4
S 5	16 54 27	14°36'04	9♐23	8° 1	2° 8	12°11	5°59	28°31	10°46	24°18	16°38	13°42	12°23	0°28	14°46	S 5
S 6	16 58 24	15°33'32	24°38	8°58	3°16	12°50	6° 9	28°37	10°45	24°16	16°40	13°34	12°20	0°35	14°49	S 6
M 7	17 2 21	16°30'58	9♑43	9°51	4°23	13°28	6°20	28°43	10°43	24°15	16°41	13°25	12°17	0°42	14°52	M 7
T 8	17 6 17	17°28'24	24°28	10°40	5°31	14° 7	6°30	28°49	10°41	24°13	16°42	13°16	12°14	0°48	14°55	T 8
W 9	17 10 14	18°25'49	8♒46	11°25	6°38	14°46	6°41	28°55	10°39	24°12	16°44	13° 9	12°10	0°55	14°58	W 9
T 10	17 14 10	19°23'13	22°36	12° 6	7°46	15°24	6°52	29° 0	10°37	24°10	16°45	13° 4	12° 7	1° 2	15° 1	T 10
F 11	17 18 7	20°20'36	5♓55	12°43	8°54	16° 3	7° 3	29° 6	10°35	24° 8	16°47	13° 1	12° 4	1° 8	15° 4	F 11
S 12	17 22 3	21°17'59	18°48	13°16	10° 2	16°41	7°14	29°12	10°34	24° 7	16°48	13°D 0	12° 1	1°15	15° 7	S 12
S 13	17 26 0	22°15'22	1♈18	13°44	11°10	17°20	7°25	29°17	10°32	24° 5	16°49	13° 0	11°58	1°22	15°11	S 13
M14	17 29 56	23°12'44	13°31	14° 8	12°18	17°59	7°36	29°23	10°30	24° 4	16°51	13°R 0	11°54	1°28	15°14	M14
T 15	17 33 53	24°10'06	25°31	14°27	13°26	18°37	7°47	29°28	10°29	24° 2	16°52	13° 0	11°51	1°35	15°18	T 15
W16	17 37 50	25° 7'27	7♉23	14°42	14°35	19°16	7°58	29°34	10°27	24° 0	16°53	12°57	11°48	1°42	15°22	W16
T 17	17 41 46	26° 4'47	19°11	14°53	15°43	19°54	8° 9	29°39	10°25	23°59	16°55	12°52	11°45	1°49	15°25	T 17
F 18	17 45 43	27° 2'07	1♊ 0	14°59	16°52	20°33	8°21	29°44	10°24	23°57	16°56	12°44	11°42	1°55	15°29	F 18
S 19	17 49 39	27°59'27	12°51	15°R 0	18° 0	21°11	8°32	29°49	10°23	23°55	16°58	12°34	11°39	2° 2	15°33	S 19
S 20	17 53 36	28°56'46	24°48	14°57	19° 9	21°50	8°44	29°55	10°21	23°54	16°59	12°22	11°35	2° 9	15°38	S 20
M21	17 57 32	29°54'05	6♋50	14°49	20°18	22°28	8°55	29°59	10°20	23°52	17° 0	12° 8	11°32	2°15	15°42	M21
T 22	18 1 29	0♋51'23	19° 0	14°37	21°27	23° 6	9° 7	0♉ 5	10°18	23°51	17° 2	11°55	11°29	2°22	15°46	T 22
W23	18 5 25	1°48'41	1♌19	14°21	22°36	23°45	9°18	0° 9	10°17	23°49	17° 3	11°43	11°26	2°29	15°50	W23
T 24	18 9 22	2°45'58	13°47	14° 2	23°45	24°23	9°30	0°14	10°16	23°47	17° 4	11°34	11°23	2°35	15°55	T 24
F 25	18 13 19	3°43'14	26°27	13°38	24°54	25° 2	9°42	0°19	10°15	23°46	17° 6	11°27	11°20	2°42	16° 0	F 25
S 26	18 17 15	4°40'30	9♍20	13°12	26° 3	25°40	9°54	0°24	10°14	23°44	17° 7	11°22	11°16	2°49	16° 4	S 26
S 27	18 21 12	5°37'45	22°28	12°42	27°13	26°18	10° 6	0°28	10°13	23°43	17° 8	11°21	11°13	2°55	16° 9	S 27
M28	18 25 8	6°34'59	5♎54	12°10	28°22	26°57	10°18	0°33	10°11	23°41	17°10	11°20	11°10	3° 2	16°14	M28
T 29	18 29 5	7°32'13	19°40	11°37	29°31	27°35	10°30	0°37	10°10	23°39	17°11	11°20	11° 7	3° 9	16°19	T 29
W30	18 33 1	8♋29'26	3♏49	11♋ 2	0♊41	28♋14	10♌42	0♉42	10♏10	23♐38	17♊12	11♎19	11♎ 4	3♊16	16♍24	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 2	4s17	0s21	25n25	2n 3	8n37	2s10	24n12	1n 8	19n32	0n38	8n38	2s18	14s40	0n26	21s55	1n23	12n49	9s58	5s30	4s58	16n26	1n55	4s29
W 2	22 10	8 34	0n56	25 18	1 58	8 59	2 11	24 9	1 8	19 30	0 38	8 40	2 18	14 40	0 26	21 55	1 23	12 50	9 58	5 29	4 57	16 26	1 55	4 28
T 3	22 18	12 27	2 10	25 9	1 52	9 22	2 12	24 6	1 8	19 27	0 38	8 42	2 19	14 39	0 26	21 55	1 23	12 50	9 58	5 29	4 56	16 27	1 54	4 28
F 4	22 25	15 36	3 18	25 0	1 46	9 44	2 13	24 3	1 8	19 25	0 38	8 44	2 19	14 39	0 26	21 55	1 23	12 50	9 58	5 27	4 55	16 28	1 54	4 27
S 5	22 32	17 41	4 12	24 49	1 38	10 7	2 14	24 0	1 8	19 22	0 38	8 46	2 19	14 38	0 26	21 55	1 23	12 50	9 57	5 24	4 53	16 29	1 54	4 26
S 6	22 38	18 31	4 48	24 37	1 30	10 29	2 15	23 56	1 8	19 20	0 38	8 48	2 19	14 37	0 26	21 55	1 23	12 50	9 57	5 21	4 52	16 30	1 54	4 25
M 7	22 44	18 1	5 3	24 24	1 21	10 51	2 15	23 52	1 8	19 17	0 38	8 50	2 19	14 37	0 26	21 55	1 23	12 51	9 57	5 17	4 51	16 30	1 53	4 25
T 8	22 50	16 19	4 58	24 10	1 11	11 13	2 16	23 48	1 9	19 14	0 38	8 52	2 19	14 36	0 26	21 55	1 23	12 51	9 57	5 14	4 50	16 31	1 53	4 24
W 9	22 55	13 38	4 34	23 56	1 0	11 34	2 16	23 44	1 9	19 12	0 38	8 54	2 20	14 36	0 26	21 55	1 23	12 51	9 57	5 11	4 48	16 32	1 52	4 23
T 10	23 0	10 16	3 55	23 41	0 49	11 56	2 17	23 40	1 9	19 9	0 38	8 56	2 20	14 35	0 26	21 55	1 23	12 51	9 57	5 9	4 47	16 33	1 52	4 22
F 11	23 4	6 29	3 4	23 25	0 37	12 17	2 17	23 36	1 9	19 6	0 38	8 58	2 20	14 35	0 26	21 55	1 23	12 51	9 57	5 8	4 46	16 33	1 51	4 22
S 12	23 8	2 30	2 5	23 9	0 24	12 39	2 17	23 31	1 9	19 4	0 38	9 0	2 20	14 34	0 26	21 55	1 23	12 51	9 57	5 8	4 45	16 34	1 51	4 21
S 13	23 11	1n28	1 2	22 53	0 10	13 0	2 17	23 26	1 9	19 1	0 38	9 1	2 20	14 34	0 26	21 54	1 23	12 51	9 57	5 8	4 43	16 35	1 50	4 20
M14	23 15	5 17	0s 3	22 36	0s 4	13 21	2 17	23 21	1 9	18 58	0 38	9 3	2 20	14 33	0 26	21 54	1 23	12 52	9 57	5 8	4 42	16 36	1 49	4 19
T 15	23 17	8 50	1 6	22 20	0 19	13 41	2 17	23 16	1 9	18 55	0 38	9 5	2 21	14 33	0 26	21 54	1 23	12 52	9 57	5 8	4 41	16 37	1 49	4 19
W16	23 20	11 59	2 6	22 3	0 34	14 2	2 16	23 11	1 9	18 52	0 38	9 7	2 21	14 32	0 26	21 54	1 23	12 52	9 57	5 7	4 40	16 37	1 48	4 18
T 17	23 22	14 37	3 0	21 46	0 49	14 22	2 16	23 5	1 9	18 49	0 38	9 8	2 21	14 32	0 26	21 54	1 23	12 52	9 57	5 5	4 38	16 38	1 47	4 17
F 18	23 23	16 40	3 46	21 29	1 6	14 42	2 15	23 0	1 9	18 46	0 38	9 10	2 21	14 31	0 26	21 54	1 23	12 52	9 57	5 2	4 37	16 39	1 46	4 16
S 19	23 24	17 59	4 22	21 13	1 22	15 1	2 15	22 54	1 9	18 43	0 38	9 12	2 21	14 31	0 26	21 54	1 23	12 52	9 57	4 58	4 36	16 40	1 45	4 16
S 20	23 25	18 32	4 47	20 57	1 39	15 21	2 14	22 48	1 10	18 40	0 38	9 13	2 22	14 30	0 26	21 54	1 23	12 52	9 57	4 53	4 35	16 40	1 45	4 15
M21	23 25	18 16	4 59	20 41	1 55	15 40	2 13	22 41	1 10	18 37	0 38	9 15	2 22	14 30	0 26	21 54	1 23	12 53	9 57	4 48	4 34	16 41	1 44	4 14
T 22	23 25	17 9	4 58	20 26	2 12	15 59	2 12	22 35	1 10	18 34	0 38	9 16	2 22	14 30	0 25	21 54	1 23	12 53	9 57	4 42	4 32	16 42	1 43	4 14
W23	23 24	15 14	4 43	20 11	2 28	16 17	2 11	22 29	1 10	18 31	0 38	9 18	2 22	14 29	0 25	21 54	1 23	12 53	9 57	4 38	4 31	16 42	1 42	4 13
T 24	23 23	12 36	4 15	19 57	2 45	16 35	2 10	22 22	1 10	18 28	0 38	9 19	2 22	14 29	0 25	21 54	1 23	12 53	9 57	4 34	4 30	16 43	1 40	4 12
F 25	23 22	9 20	3 34	19 44	3 0	16 53	2 9	22 15	1 10	18 25	0 38	9 21	2 23	14 29	0 25	21 54	1 23	12 53	9 57	4 31	4 29	16 44	1 39	4 11
S 26	23 20	5 35	2 41	19 31	3 16	17 10	2 8	22 8	1 10	18 22	0 38	9 22	2 23	14 28	0 25	21 54	1 23	12 53	9 57	4 30	4 27	16 45	1 38	4 11
S 27	23 18	1 29	1 38	19 19	3 30	17 28	2 7	22 1	1 10	18 19	0 38	9 24	2 23	14 28	0 25	21 54	1 23	12 53	9 57	4 29	4 26	16 45	1 37	4 10
M28	23 15	2s47	0 29	19 9	3 44	17 44	2 5	21 54	1 10	18 15	0 38	9 25	2 23	14 28	0 25	21 54	1 23	12 53	9 57	4 29	4 25	16 46	1 36	4 9
T 29	23 12	7 1	0n44	18 59	3 56	18 1	2 4	21 46	1 10	18 12	0 38	9 26	2 24	14 27	0 25	21 53	1 23	12 53	9 57	4 29	4 24	16 47	1 34	4 9
W30	23n 9	10s58	1n56	18n50	4s 8	18n17	2s 2	21n38	1n10	18n 9	0n38	9n27	2s24	14s27	0n25	21s53	1n23	12n53	9s57	4s28	4s22	16n48	1n33	4s 8

Julian Day Number = 2504656.5, Delta T = 118.57 sec
Ecliptic obliquity = 23°25'04, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°46'20, Lahiri = 25°53'20

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ASTRODIENST EPHEMERIS for the year 2145
geocentric

JULY 2145 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 58	9♋26'39	18♏18	10°R26	1♊50	28♋52	10♌54	0♉46	10°R 9	23°R36	17♊14	11°R16	11♎ 0	3♊22	16♍29	T 1
F 2	18 40 54	10°23'51	3♐ 5	9♋50	3° 0	29°30	11° 6	0°50	10♏ 8	23♐35	17°15	11♎10	10°57	3°29	16°34	F 2
S 3	18 44 51	11°21'03	18° 4	9°15	4°10	0♌ 8	11°18	0°54	10° 7	23°33	17°16	11° 2	10°54	3°36	16°39	S 3
S 4	18 48 48	12°18'15	3♑ 7	8°41	5°20	0°47	11°31	0°58	10° 6	23°32	17°17	10°52	10°51	3°42	16°45	S 4
M 5	18 52 44	13°15'27	18° 4	8° 8	6°30	1°25	11°43	1° 2	10° 6	23°30	17°19	10°41	10°48	3°49	16°50	M 5
T 6	18 56 41	14°12'38	2♒45	7°38	7°40	2° 3	11°55	1° 6	10° 5	23°29	17°20	10°31	10°45	3°56	16°56	T 6
W 7	19 0 37	15° 9'50	17° 4	7°11	8°50	2°42	12° 8	1°10	10° 4	23°27	17°21	10°22	10°41	4° 2	17° 1	W 7
T 8	19 4 34	16° 7'02	0♓55	6°46	10° 0	3°20	12°20	1°13	10° 4	23°26	17°22	10°15	10°38	4° 9	17° 7	T 8
F 9	19 8 30	17° 4'14	14°18	6°26	11°10	3°58	12°33	1°17	10° 3	23°24	17°24	10°11	10°35	4°16	17°13	F 9
S 10	19 12 27	18° 1'26	27°14	6°10	12°20	4°36	12°45	1°21	10° 3	23°23	17°25	10° 9	10°32	4°23	17°19	S 10
S 11	19 16 24	18°58'38	9♈47	5°58	13°30	5°15	12°58	1°24	10° 2	23°22	17°26	10°D 8	10°29	4°29	17°24	S 11
M12	19 20 20	19°55'51	22° 1	5°51	14°41	5°53	13°10	1°27	10° 2	23°20	17°27	10°R 8	10°25	4°36	17°30	M12
T 13	19 24 17	20°53'04	4♉ 2	5°D49	15°51	6°31	13°23	1°31	10° 2	23°19	17°28	10° 8	10°22	4°43	17°37	T 13
W14	19 28 13	21°50'18	15°54	5°52	17° 2	7° 9	13°36	1°34	10° 1	23°17	17°30	10° 5	10°19	4°49	17°43	W14
T 15	19 32 10	22°47'33	27°44	6° 0	18°12	7°47	13°48	1°37	10° 1	23°16	17°31	10° 1	10°16	4°56	17°49	T 15
F 16	19 36 6	23°44'47	9♊34	6°14	19°23	8°26	14° 1	1°40	10° 1	23°15	17°32	9°54	10°13	5° 3	17°55	F 16
S 17	19 40 3	24°42'03	21°30	6°33	20°34	9° 4	14°14	1°43	10° 1	23°13	17°33	9°44	10°10	5° 9	18° 2	S 17
S 18	19 43 59	25°39'18	3♋32	6°57	21°45	9°42	14°27	1°45	10°D 1	23°12	17°34	9°33	10° 6	5°16	18° 8	S 18
M19	19 47 56	26°36'35	15°45	7°27	22°55	10°20	14°40	1°48	10° 1	23°11	17°35	9°20	10° 3	5°23	18°14	M19
T 20	19 51 53	27°33'51	28° 7	8° 2	24° 6	10°58	14°52	1°51	10° 1	23° 9	17°36	9° 8	10° 0	5°29	18°21	T 20
W21	19 55 49	28°31'08	10♌41	8°43	25°17	11°37	15° 5	1°53	10° 1	23° 8	17°38	8°56	9°57	5°36	18°28	W21
T 22	19 59 46	29°28'25	23°26	9°29	26°28	12°15	15°18	1°56	10° 1	23° 7	17°39	8°47	9°54	5°43	18°34	T 22
F 23	20 3 42	0♌25'43	6♍22	10°20	27°39	12°53	15°31	1°58	10° 1	23° 6	17°40	8°41	9°51	5°50	18°41	F 23
S 24	20 7 39	1°23'01	19°29	11°17	28°50	13°31	15°44	2° 0	10° 2	23° 4	17°41	8°37	9°47	5°56	18°48	S 24
S 25	20 11 35	2°20'19	2♎49	12°18	0♋ 2	14° 9	15°57	2° 2	10° 2	23° 3	17°42	8°D35	9°44	6° 3	18°55	S 25
M26	20 15 32	3°17'38	16°21	13°25	1°13	14°47	16°10	2° 4	10° 2	23° 2	17°43	8°35	9°41	6°10	19° 2	M26
T 27	20 19 28	4°14'57	0♏ 8	14°37	2°24	15°26	16°23	2° 6	10° 3	23° 1	17°44	8°R36	9°38	6°16	19° 9	T 27
W28	20 23 25	5°12'16	14°10	15°53	3°36	16° 4	16°36	2° 8	10° 3	23° 0	17°45	8°36	9°35	6°23	19°16	W28
T 29	20 27 21	6° 9'35	28°26	17°15	4°47	16°42	16°49	2°10	10° 4	22°59	17°46	8°34	9°31	6°30	19°23	T 29
F 30	20 31 18	7° 6'55	12♐55	18°41	5°58	17°20	17° 2	2°11	10° 4	22°58	17°47	8°29	9°28	6°36	19°30	F 30
S 31	20 35 15	8♌ 4'16	27♐32	20♋11	7♋10	17♌58	17♌15	2♉13	10♏ 5	22♐57	17♊48	8♎23	9♎25	6♊43	19♍37	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 5	14s21	3n 2	18n43	4s18	18n32	2s 1	21n31	1n10	18n 6	0n38	9n29	2s24	14s27	0n25	21s53	1n23	12n53	9s57	4s27	4s21	16n48	1n32	4s 7
F 2	23 1	16 52	3 57	18 37	4 27	18 47	1 59	21 23	1 10	18 2	0 38	9 30	2 24	14 27	0 25	21 53	1 23	12 54	9 57	4 25	4 20	16 49	1 30	4 7
S 3	22 56	18 17	4 37	18 32	4 34	19 2	1 58	21 15	1 10	17 59	0 38	9 31	2 24	14 26	0 25	21 53	1 23	12 54	9 57	4 22	4 19	16 50	1 29	4 6
S 4	22 51	18 25	4 58	18 28	4 40	19 16	1 56	21 6	1 10	17 56	0 38	9 32	2 25	14 26	0 25	21 53	1 22	12 54	9 57	4 18	4 17	16 50	1 28	4 5
M 5	22 45	17 17	4 58	18 26	4 45	19 30	1 54	20 58	1 10	17 52	0 38	9 34	2 25	14 26	0 25	21 53	1 22	12 54	9 58	4 14	4 16	16 51	1 26	4 5
T 6	22 40	15 0	4 39	18 25	4 47	19 44	1 52	20 49	1 10	17 49	0 38	9 35	2 25	14 26	0 25	21 53	1 22	12 54	9 58	4 9	4 15	16 52	1 24	4 4
W 7	22 33	11 52	4 2	18 25	4 49	19 57	1 50	20 41	1 10	17 45	0 38	9 36	2 25	14 26	0 25	21 53	1 22	12 54	9 58	4 6	4 14	16 52	1 23	4 3
T 8	22 27	8 9	3 12	18 27	4 48	20 9	1 48	20 32	1 10	17 42	0 38	9 37	2 26	14 25	0 25	21 53	1 22	12 54	9 58	4 3	4 12	16 53	1 21	4 3
F 9	22 20	4 8	2 12	18 30	4 46	20 21	1 46	20 23	1 10	17 38	0 38	9 38	2 26	14 25	0 25	21 53	1 22	12 54	9 58	4 2	4 11	16 54	1 20	4 2
S 10	22 12	0 4	1 8	18 34	4 43	20 32	1 44	20 14	1 10	17 35	0 38	9 39	2 26	14 25	0 25	21 53	1 22	12 54	9 58	4 1	4 10	16 55	1 18	4 2
S 11	22 5	3n54	0 2	18 39	4 38	20 43	1 41	20 4	1 10	17 31	0 38	9 40	2 26	14 25	0 25	21 53	1 22	12 54	9 58	4 1	4 9	16 55	1 16	4 1
M12	21 56	7 36	1s 3	18 45	4 32	20 54	1 39	19 55	1 10	17 28	0 39	9 41	2 27	14 25	0 25	21 53	1 22	12 54	9 58	4 1	4 7	16 56	1 14	4 0
T 13	21 48	10 55	2 3	18 52	4 25	21 4	1 37	19 45	1 10	17 24	0 39	9 42	2 27	14 25	0 25	21 53	1 22	12 54	9 58	4 0	4 6	16 57	1 13	4 0
W14	21 39	13 45	2 57	19 1	4 17	21 13	1 35	19 36	1 10	17 21	0 39	9 42	2 27	14 25	0 25	21 53	1 22	12 54	9 58	4 0	4 5	16 57	1 11	3 59
T 15	21 30	16 0	3 44	19 9	4 8	21 22	1 32	19 26	1 10	17 17	0 39	9 43	2 27	14 25	0 25	21 53	1 22	12 54	9 58	3 58	4 4	16 58	1 9	3 59
F 16	21 20	17 34	4 21	19 19	3 57	21 30	1 30	19 16	1 10	17 13	0 39	9 44	2 28	14 25	0 25	21 53	1 22	12 54	9 58	3 55	4 2	16 59	1 7	3 58
S 17	21 10	18 23	4 46	19 29	3 46	21 38	1 27	19 6	1 10	17 10	0 39	9 45	2 28	14 25	0 25	21 53	1 22	12 54	9 58	3 51	4 1	16 59	1 5	3 57
S 18	21 0	18 23	5 0	19 40	3 35	21 45	1 25	18 56	1 10	17 6	0 39	9 45	2 28	14 25	0 25	21 53	1 22	12 54	9 58	3 47	4 0	17 0	1 3	3 57
M19	20 49	17 32	4 59	19 51	3 22	21 52	1 22	18 45	1 10	17 2	0 39	9 46	2 28	14 25	0 25	21 53	1 22	12 54	9 59	3 42	3 59	17 1	1 1	3 56
T 20	20 38	15 52	4 45	20 2	3 9	21 58	1 19	18 35	1 10	16 59	0 39	9 47	2 29	14 25	0 25	21 53	1 22	12 54	9 59	3 37	3 57	17 1	0 59	3 56
W21	20 26	13 25	4 17	20 12	2 56	22 3	1 17	18 24	1 10	16 55	0 39	9 47	2 29	14 25	0 25	21 53	1 22	12 54	9 59	3 32	3 56	17 2	0 57	3 55
T 22	20 15	10 18	3 36	20 23	2 42	22 8	1 14	18 14	1 10	16 51	0 39	9 48	2 29	14 25	0 25	21 52	1 22	12 54	9 59	3 29	3 55	17 3	0 55	3 54
F 23	20 2	6 39	2 42	20 34	2 28	22 12	1 11	18 3	1 10	16 47	0 39	9 48	2 29	14 25	0 25	21 52	1 22	12 54	9 59	3 26	3 54	17 3	0 53	3 54
S 24	19 50	2 38	1 40	20 43	2 13	22 16	1 9	17 52	1 10	16 44	0 39	9 49	2 30	14 25	0 25	21 52	1 22	12 54	9 59	3 25	3 52	17 4	0 51	3 53
S 25	19 37	1s35	0 31	20 52	1 59	22 19	1 6	17 41	1 10	16 40	0 39	9 49	2 30	14 25	0 25	21 52	1 22	12 54	9 59	3 24	3 51	17 5	0 49	3 53
M26	19 24	5 47	0n41	21 1	1 44	22 22	1 3	17 30	1 10	16 36	0 39	9 50	2 30	14 26	0 24	21 52	1 22	12 54	9 59	3 24	3 50	17 5	0 46	3 52
T 27	19 11	9 45	1 52	21 8	1 30	22 23	1 0	17 18	1 10	16 32	0 39	9 50	2 30	14 26	0 24	21 52	1 22	12 54	9 59	3 24	3 49	17 6	0 44	3 52
W28	18 57	13 15	2 58	21 14	1 15	22 25	0 57	17 7	1 10	16 28	0 39	9 51	2 31	14 26	0 24	21 52	1 22	12 54	10 0	3 24	3 47	17 6	0 42	3 51
T 29	18 43	16 0	3 53	21 18	1 1	22 25	0 55	16 55	1 9	16 24	0 39	9 51	2 31	14 26	0 24	21 52	1 22	12 54	10 0	3 23	3 46	17 7	0 40	3 51
F 30	18 29	17 47	4 35	21 21	0 47	22 25	0 52	16 44	1 9	16 20	0 39	9 51	2 31	14 26	0 24	21 52	1 22	12 54	10 0	3 22	3 45	17 8	0 37	3 50
S 31	18n14	18s25	4n59	21n22	0s33	22n25	0s49	16n32	1n 9	16n17	0n39	9n52	2s31	14s27	0n24	21s52	1n22	12n54	10s 0	3s19	3s44	17n 8	0n35	3s50

Julian Day Number = 2504686.5, Delta T = 118.63 sec
Ecliptic obliquity = 23°25'04, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°46'24, Lahiri = 25°53'24

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ASTRODIENST EPHEMERIS for the year 2145
geocentric

AUGUST 2145 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 11	9♌ 1'37	12♉11	21♋46	8♋22	18♌36	17♌28	2♉14	10♏ 6	22°R56	17♊49	8°R15	9♎22	6♊50	19♍45	S 1
M 2	20 43 8	9°58'59	26°47	23°25	9°33	19°14	17°42	2°15	10° 6	22♐55	17°50	8♎ 6	9°19	6°57	19°52	M 2
T 3	20 47 4	10°56'21	11♒11	25° 7	10°45	19°52	17°55	2°17	10° 7	22°54	17°51	7°57	9°16	7° 3	19°59	T 3
W 4	20 51 1	11°53'44	25°16	26°54	11°57	20°31	18° 8	2°18	10° 8	22°53	17°51	7°50	9°12	7°10	20° 7	W 4
T 5	20 54 57	12°51'08	9♓ 0	28°43	13° 9	21° 9	18°21	2°19	10° 9	22°52	17°52	7°45	9° 9	7°17	20°14	T 5
F 6	20 58 54	13°48'33	22°20	0♌35	14°20	21°47	18°34	2°20	10°10	22°51	17°53	7°41	9° 6	7°23	20°22	F 6
S 7	21 2 50	14°45'59	5♈15	2°31	15°32	22°25	18°47	2°20	10°11	22°50	17°54	7°D40	9° 3	7°30	20°30	S 7
S 8	21 6 47	15°43'27	17°49	4°28	16°44	23° 3	19° 0	2°21	10°12	22°49	17°55	7°41	9° 0	7°37	20°37	S 8
M 9	21 10 44	16°40'55	0♉ 5	6°27	17°56	23°41	19°14	2°22	10°13	22°49	17°56	7°42	8°57	7°44	20°45	M 9
T 10	21 14 40	17°38'25	12° 8	8°28	19° 9	24°19	19°27	2°22	10°14	22°48	17°56	7°R43	8°53	7°50	20°53	T 10
W11	21 18 37	18°35'56	24° 2	10°30	20°21	24°57	19°40	2°23	10°15	22°47	17°57	7°43	8°50	7°57	21° 0	W11
T 12	21 22 33	19°33'29	5♊53	12°33	21°33	25°35	19°53	2°23	10°17	22°46	17°58	7°41	8°47	8° 4	21° 8	T 12
F 13	21 26 30	20°31'03	17°46	14°36	22°45	26°14	20° 6	2°23	10°18	22°46	17°59	7°38	8°44	8°10	21°16	F 13
S 14	21 30 26	21°28'38	29°45	16°39	23°58	26°52	20°19	2°R23	10°19	22°45	17°59	7°32	8°41	8°17	21°24	S 14
S 15	21 34 23	22°26'15	11♋54	18°43	25°10	27°30	20°33	2°23	10°21	22°44	18° 0	7°25	8°37	8°24	21°32	S 15
M16	21 38 19	23°23'52	24°15	20°46	26°22	28° 8	20°46	2°23	10°22	22°44	18° 1	7°18	8°34	8°30	21°40	M16
T 17	21 42 16	24°21'32	6♌49	22°48	27°35	28°46	20°59	2°23	10°24	22°43	18° 1	7°10	8°31	8°37	21°48	T 17
W18	21 46 13	25°19'12	19°39	24°50	28°47	29°24	21°12	2°22	10°25	22°43	18° 2	7° 3	8°28	8°44	21°56	W18
T 19	21 50 9	26°16'54	2♍43	26°51	0♌ 0	0♍ 2	21°25	2°22	10°27	22°42	18° 3	6°57	8°25	8°51	22° 4	T 19
F 20	21 54 6	27°14'37	16° 1	28°51	1°13	0°41	21°38	2°21	10°28	22°42	18° 3	6°54	8°22	8°57	22°12	F 20
S 21	21 58 2	28°12'21	29°31	0♍50	2°25	1°19	21°52	2°20	10°30	22°41	18° 4	6°52	8°18	9° 4	22°20	S 21
S 22	22 1 59	29°10'06	13♎11	2°48	3°38	1°57	22° 5	2°20	10°32	22°41	18° 4	6°D52	8°15	9°11	22°29	S 22
M23	22 5 55	0♍ 7'53	27° 2	4°44	4°51	2°35	22°18	2°19	10°34	22°40	18° 5	6°53	8°12	9°17	22°37	M23
T 24	22 9 52	1° 5'41	11♏ 0	6°40	6° 4	3°13	22°31	2°18	10°35	22°40	18° 6	6°54	8° 9	9°24	22°45	T 24
W25	22 13 48	2° 3'29	25° 6	8°34	7°17	3°51	22°44	2°17	10°37	22°40	18° 6	6°55	8° 6	9°31	22°53	W25
T 26	22 17 45	3° 1'19	9♐17	10°26	8°30	4°30	22°57	2°16	10°39	22°39	18° 7	6°R55	8° 3	9°37	23° 2	T 26
F 27	22 21 42	3°59'11	23°32	12°18	9°43	5° 8	23°10	2°14	10°41	22°39	18° 7	6°54	7°59	9°44	23°10	F 27
S 28	22 25 38	4°57'03	7♑48	14° 8	10°56	5°46	23°23	2°13	10°43	22°39	18° 7	6°51	7°56	9°51	23°18	S 28
S 29	22 29 35	5°54'56	22° 2	15°56	12° 9	6°24	23°36	2°11	10°45	22°39	18° 8	6°47	7°53	9°58	23°27	S 29
M30	22 33 31	6°52'51	6♒10	17°44	13°22	7° 2	23°49	2°10	10°47	22°39	18° 8	6°43	7°50	10° 4	23°35	M30
T 31	22 37 28	7♍50'47	20♒ 8	19♍30	14♌35	7♍40	24♌ 2	2♉ 8	10♏50	22♐38	18♊ 9	6♎39	7♎47	10♊11	23♍44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n59	17s49	5n 4	21n20	0s19	22n23	0s46	16n20	1n 9	16n13	0n39	9n52	2s32	14s27	0n24	21s52	1n22	12n54	10s 0	3s16	3s43	17n 9	0n33	3s49
M 2	17 44	16 3	4 49	21 17	0 6	22 22	0 43	16 8	1 9	16 9	0 40	9 52	2 32	14 27	0 24	21 52	1 22	12 54	10 0	3 13	3 41	17 10	0 30	3 49
T 3	17 28	13 19	4 15	21 12	0n 6	22 19	0 40	15 56	1 9	16 5	0 40	9 52	2 32	14 27	0 24	21 52	1 21	12 54	10 0	3 9	3 40	17 10	0 28	3 48
W 4	17 12	9 50	3 27	21 3	0 18	22 16	0 37	15 44	1 9	16 1	0 40	9 52	2 33	14 28	0 24	21 52	1 21	12 54	10 0	3 6	3 39	17 11	0 25	3 48
T 5	16 56	5 54	2 28	20 53	0 30	22 12	0 34	15 32	1 9	15 57	0 40	9 52	2 33	14 28	0 24	21 52	1 21	12 54	10 1	3 4	3 38	17 11	0 23	3 47
F 6	16 40	1 48	1 22	20 40	0 40	22 8	0 31	15 19	1 9	15 53	0 40	9 52	2 33	14 28	0 24	21 52	1 21	12 54	10 1	3 3	3 36	17 12	0 20	3 47
S 7	16 23	2n17	0 13	20 24	0 50	22 3	0 28	15 7	1 9	15 49	0 40	9 52	2 33	14 29	0 24	21 52	1 21	12 54	10 1	3 2	3 35	17 13	0 18	3 46
S 8	16 6	6 9	0s54	20 5	0 59	21 57	0 25	14 54	1 9	15 45	0 40	9 52	2 34	14 29	0 24	21 52	1 21	12 54	10 1	3 3	3 34	17 13	0 15	3 46
M 9	15 49	9 39	1 58	19 44	1 8	21 51	0 23	14 42	1 9	15 41	0 40	9 52	2 34	14 29	0 24	21 52	1 21	12 53	10 1	3 3	3 33	17 14	0 13	3 45
T 10	15 32	12 41	2 55	19 20	1 15	21 44	0 20	14 29	1 9	15 37	0 40	9 52	2 34	14 30	0 24	21 52	1 21	12 53	10 1	3 3	3 31	17 14	0 10	3 45
W11	15 14	15 9	3 43	18 54	1 22	21 36	0 17	14 16	1 8	15 32	0 40	9 52	2 34	14 30	0 24	21 52	1 21	12 53	10 1	3 3	3 30	17 15	0 7	3 44
T 12	14 56	16 58	4 22	18 26	1 28	21 28	0 14	14 3	1 8	15 28	0 40	9 52	2 35	14 31	0 24	21 52	1 21	12 53	10 2	3 3	3 29	17 16	0 5	3 44
F 13	14 38	18 2	4 50	17 55	1 33	21 19	0 11	13 50	1 8	15 24	0 40	9 52	2 35	14 31	0 24	21 52	1 21	12 53	10 2	3 1	3 28	17 16	0 2	3 43
S 14	14 20	18 20	5 5	17 22	1 37	21 10	0 8	13 37	1 8	15 20	0 40	9 52	2 35	14 31	0 24	21 52	1 21	12 53	10 2	2 59	3 26	17 17	0s 1	3 43
S 15	14 1	17 47	5 7	16 47	1 40	21 0	0 5	13 24	1 8	15 16	0 40	9 51	2 35	14 32	0 24	21 52	1 21	12 53	10 2	2 57	3 25	17 17	0 3	3 43
M16	13 42	16 24	4 55	16 11	1 43	20 49	0 2	13 10	1 8	15 12	0 40	9 51	2 36	14 32	0 24	21 52	1 21	12 53	10 2	2 54	3 24	17 18	0 6	3 42
T 17	13 23	14 13	4 28	15 33	1 44	20 38	0n 1	12 57	1 8	15 8	0 41	9 51	2 36	14 33	0 24	21 52	1 21	12 53	10 2	2 50	3 23	17 19	0 9	3 42
W18	13 4	11 18	3 48	14 53	1 45	20 26	0 3	12 44	1 8	15 4	0 41	9 50	2 36	14 33	0 24	21 52	1 21	12 53	10 2	2 48	3 21	17 19	0 12	3 41
T 19	12 45	7 47	2 55	14 12	1 46	20 14	0 6	12 30	1 8	15 0	0 41	9 50	2 37	14 34	0 24	21 52	1 21	12 53	10 3	2 46	3 20	17 20	0 14	3 41
F 20	12 25	3 49	1 51	13 30	1 45	20 1	0 9	12 17	1 8	14 55	0 41	9 49	2 37	14 34	0 24	21 52	1 21	12 52	10 3	2 44	3 19	17 20	0 17	3 40
S 21	12 5	0s25	0 40	12 47	1 44	19 47	0 12	12 3	1 7	14 51	0 41	9 49	2 37	14 35	0 24	21 52	1 21	12 52	10 3	2 43	3 17	17 21	0 20	3 40
S 22	11 45	4 40	0n34	12 4	1 43	19 33	0 14	11 49	1 7	14 47	0 41	9 48	2 37	14 36	0 24	21 52	1 21	12 52	10 3	2 43	3 16	17 21	0 23	3 40
M23	11 25	8 44	1 48	11 19	1 40	19 19	0 17	11 35	1 7	14 43	0 41	9 48	2 38	14 36	0 24	21 52	1 21	12 52	10 3	2 44	3 15	17 22	0 26	3 39
T 24	11 5	12 20	2 55	10 34	1 38	19 3	0 20	11 21	1 7	14 39	0 41	9 47	2 38	14 37	0 24	21 53	1 21	12 52	10 3	2 44	3 14	17 23	0 29	3 39
W25	10 44	15 15	3 53	9 49	1 34	18 48	0 22	11 8	1 7	14 35	0 41	9 47	2 38	14 37	0 24	21 53	1 20	12 52	10 4	2 45	3 12	17 23	0 32	3 39
T 26	10 23	17 16	4 37	9 3	1 31	18 31	0 25	10 53	1 7	14 30	0 41	9 46	2 38	14 38	0 24	21 53	1 20	12 52	10 4	2 45	3 11	17 24	0 35	3 38
F 27	10 2	18 12	5 4	8 17	1 27	18 15	0 28	10 39	1 7	14 26	0 41	9 45	2 39	14 39	0 24	21 53	1 20	12 52	10 4	2 44	3 10	17 24	0 37	3 38
S 28	9 41	18 0	5 12	7 30	1 22	17 57	0 30	10 25	1 7	14 22	0 42	9 45	2 39	14 39	0 24	21 53	1 20	12 51	10 4	2 43	3 9	17 25	0 40	3 37
S 29	9 20	16 39	5 1	6 44	1 17	17 39	0 33	10 11	1 6	14 18	0 42	9 44	2 39	14 40	0 23	21 53	1 20	12 51	10 4	2 42	3 7	17 25	0 43	3 37
M30	8 59	14 19	4 32	5 57	1 12	17 21	0 35	9 57	1 6	14 14	0 42	9 43	2 39	14 41	0 23	21 53	1 20	12 51	10 4	2 40	3 6	17 26	0 46	3 37
T 31	8n37	11s10	3n47	5n10	1n 6	17n 2	0n37	9n42	1n 6	14n 9	0n42	9n42	2s40	14s41	0n23	21s53	1n20	12n51	10s 5	2s38	3s 5	17n26	0s49	3s36

Julian Day Number = 2504717.5, Delta T = 118.68 sec
Ecliptic obliquity = 23°25'04, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°46'28, Lahiri = 25°53'29

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ASTRODIENST EPHEMERIS for the year 2145
geocentric

SEPTEMBER 2145 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 41 24	8♍48'45	3♓51	21♍14	15♌48	8♍19	24♌15	2°R 6	10♏52	22°R38	18♊ 9	6°R35	7♎43	10♊18	23♍52	W 1
T 2	22 45 21	9°46'44	17°17	22°58	17° 2	8°57	24°28	2♉ 4	10°54	22♐38	18° 9	6♎32	7°40	10°24	24° 1	T 2
F 3	22 49 17	10°44'45	0♈24	24°40	18°15	9°35	24°41	2° 2	10°56	22°38	18°10	6°D31	7°37	10°31	24° 9	F 3
S 4	22 53 14	11°42'47	13°12	26°21	19°28	10°13	24°54	2° 0	10°58	22°D38	18°10	6°31	7°34	10°38	24°18	S 4
S 5	22 57 11	12°40'51	25°42	28° 0	20°42	10°51	25° 7	1°58	11° 1	22°38	18°10	6°32	7°31	10°45	24°26	S 5
M 6	23 1 7	13°38'57	7♉57	29°39	21°55	11°29	25°19	1°56	11° 3	22°38	18°11	6°34	7°28	10°51	24°35	M 6
T 7	23 5 4	14°37'05	20° 1	1♊16	23° 9	12° 8	25°32	1°53	11° 6	22°38	18°11	6°35	7°24	10°58	24°43	T 7
W 8	23 9 0	15°35'15	1♊56	2°52	24°23	12°46	25°45	1°51	11° 8	22°39	18°11	6°37	7°21	11° 5	24°52	W 8
T 9	23 12 57	16°33'27	13°48	4°27	25°36	13°24	25°58	1°48	11°11	22°39	18°11	6°R37	7°18	11°11	25° 0	T 9
F 10	23 16 53	17°31'41	25°42	6° 0	26°50	14° 2	26°10	1°46	11°13	22°39	18°11	6°37	7°15	11°18	25° 9	F 10
S 11	23 20 50	18°29'57	7♋42	7°33	28° 4	14°41	26°23	1°43	11°16	22°39	18°11	6°36	7°12	11°25	25°18	S 11
S 12	23 24 46	19°28'15	19°53	9° 4	29°17	15°19	26°36	1°40	11°18	22°39	18°12	6°34	7° 8	11°31	25°26	S 12
M13	23 28 43	20°26'35	2♌18	10°34	0♍31	15°57	26°48	1°37	11°21	22°40	18°12	6°32	7° 5	11°38	25°35	M13
T 14	23 32 40	21°24'57	15° 0	12° 3	1°45	16°36	27° 1	1°34	11°24	22°40	18°12	6°30	7° 2	11°45	25°44	T 14
W15	23 36 36	22°23'21	28° 1	13°31	2°59	17°14	27°13	1°31	11°27	22°40	18°12	6°28	6°59	11°52	25°52	W15
T 16	23 40 33	23°21'47	11♍22	14°57	4°13	17°52	27°26	1°28	11°29	22°41	18°12	6°26	6°56	11°58	26° 1	T 16
F 17	23 44 29	24°20'15	25° 1	16°22	5°27	18°30	27°38	1°25	11°32	22°41	18°R12	6°26	6°53	12° 5	26°10	F 17
S 18	23 48 26	25°18'44	8♎56	17°47	6°41	19° 9	27°51	1°22	11°35	22°42	18°12	6°D25	6°49	12°12	26°18	S 18
S 19	23 52 22	26°17'16	23° 4	19° 9	7°55	19°47	28° 3	1°18	11°38	22°42	18°12	6°26	6°46	12°18	26°27	S 19
M20	23 56 19	27°15'49	7♏21	20°31	9° 9	20°25	28°15	1°15	11°41	22°43	18°12	6°26	6°43	12°25	26°36	M20
T 21	0 0 15	28°14'24	21°41	21°51	10°23	21° 4	28°27	1°11	11°44	22°43	18°12	6°27	6°40	12°32	26°44	T 21
W22	0 4 12	29°13'00	6♐ 3	23°10	11°37	21°42	28°40	1° 7	11°47	22°44	18°12	6°28	6°37	12°39	26°53	W22
T 23	0 8 8	0♎11'38	20°21	24°27	12°52	22°21	28°52	1° 4	11°50	22°44	18°12	6°28	6°34	12°45	27° 2	T 23
F 24	0 12 5	1°10'18	4♑33	25°43	14° 6	22°59	29° 4	1° 0	11°53	22°45	18°12	6°R28	6°30	12°52	27°10	F 24
S 25	0 16 2	2° 9'00	18°36	26°58	15°20	23°37	29°16	0°56	11°56	22°46	18°11	6°28	6°27	12°59	27°19	S 25
S 26	0 19 58	3° 7'43	2♒30	28°11	16°34	24°16	29°28	0°52	11°59	22°46	18°11	6°28	6°24	13° 5	27°28	S 26
M27	0 23 55	4° 6'28	16°12	29°22	17°49	24°54	29°40	0°48	12° 2	22°47	18°11	6°27	6°21	13°12	27°36	M27
T 28	0 27 51	5° 5'14	29°42	0♏31	19° 3	25°32	29°52	0°44	12° 5	22°48	18°11	6°27	6°18	13°19	27°45	T 28
W29	0 31 48	6° 4'03	12♓59	1°38	20°18	26°11	0♍ 3	0°40	12° 8	22°49	18°11	6°D27	6°14	13°26	27°54	W29
T 30	0 35 44	7♎ 2'53	26♓ 2	2♏43	21♍32	26♍49	0♍15	0♉36	12♏12	22♐49	18♊10	6♎27	6♎11	13♊32	28♍ 2	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n16	7s27	2n50	4n24	1n 0	16n43	0n40	9n28	1n 6	14n 5	0n42	9n42	2s40	14s42	0n23	21s53	1n20	12n51	10s 5	2s37	3s 4	17n27	0s52	3s36
T 2	7 54	3 26	1 44	3 37	0 54	16 23	0 42	9 14	1 6	14 1	0 42	9 41	2 40	14 43	0 23	21 53	1 20	12 51	10 5	2 36	3 2	17 28	0 55	3 36
F 3	7 32	0n40	0 34	2 51	0 48	16 3	0 44	8 59	1 6	13 57	0 42	9 40	2 40	14 43	0 23	21 53	1 20	12 51	10 5	2 35	3 1	17 28	0 59	3 35
S 4	7 10	4 39	0s37	2 5	0 41	15 42	0 47	8 44	1 5	13 52	0 42	9 39	2 40	14 44	0 23	21 53	1 20	12 50	10 5	2 35	3 0	17 29	1 2	3 35
S 5	6 48	8 19	1 44	1 19	0 34	15 21	0 49	8 30	1 5	13 48	0 42	9 38	2 41	14 45	0 23	21 53	1 20	12 50	10 5	2 36	2 59	17 29	1 5	3 35
M 6	6 25	11 33	2 45	0 34	0 27	14 59	0 51	8 15	1 5	13 44	0 42	9 37	2 41	14 46	0 23	21 53	1 20	12 50	10 6	2 36	2 57	17 30	1 8	3 34
T 7	6 3	14 14	3 37	0s12	0 20	14 37	0 53	8 0	1 5	13 40	0 42	9 36	2 41	14 47	0 23	21 53	1 20	12 50	10 6	2 37	2 56	17 30	1 11	3 34
W 8	5 41	16 17	4 20	0 56	0 13	14 15	0 55	7 46	1 5	13 36	0 43	9 35	2 41	14 47	0 23	21 53	1 20	12 50	10 6	2 37	2 55	17 31	1 14	3 34
T 9	5 18	17 37	4 51	1 41	0 5	13 52	0 57	7 31	1 5	13 31	0 43	9 34	2 42	14 48	0 23	21 53	1 20	12 50	10 6	2 38	2 54	17 31	1 17	3 33
F 10	4 55	18 11	5 10	2 25	0s 2	13 29	0 59	7 16	1 4	13 27	0 43	9 33	2 42	14 49	0 23	21 53	1 20	12 49	10 6	2 38	2 52	17 32	1 20	3 33
S 11	4 33	17 57	5 15	3 9	0 10	13 5	1 1	7 1	1 4	13 23	0 43	9 32	2 42	14 50	0 23	21 53	1 20	12 49	10 7	2 37	2 51	17 32	1 23	3 33
S 12	4 10	16 53	5 7	3 52	0 18	12 41	1 3	6 46	1 4	13 19	0 43	9 30	2 42	14 51	0 23	21 53	1 20	12 49	10 7	2 36	2 50	17 33	1 27	3 33
M13	3 47	15 1	4 44	4 34	0 26	12 17	1 4	6 31	1 4	13 15	0 43	9 29	2 42	14 51	0 23	21 54	1 19	12 49	10 7	2 36	2 49	17 33	1 30	3 32
T 14	3 24	12 23	4 7	5 16	0 33	11 52	1 6	6 16	1 4	13 10	0 43	9 28	2 43	14 52	0 23	21 54	1 19	12 49	10 7	2 35	2 47	17 34	1 33	3 32
W15	3 1	9 4	3 17	5 58	0 41	11 27	1 8	6 1	1 4	13 6	0 43	9 27	2 43	14 53	0 23	21 54	1 19	12 49	10 7	2 34	2 46	17 34	1 36	3 32
T 16	2 38	5 13	2 14	6 39	0 49	11 2	1 9	5 46	1 3	13 2	0 44	9 25	2 43	14 54	0 23	21 54	1 19	12 48	10 7	2 33	2 45	17 35	1 39	3 32
F 17	2 15	1 1	1 3	7 19	0 57	10 36	1 11	5 31	1 3	12 58	0 44	9 24	2 43	14 55	0 23	21 54	1 19	12 48	10 8	2 33	2 44	17 35	1 42	3 31
S 18	1 52	3s20	0n14	7 59	1 5	10 10	1 12	5 16	1 3	12 54	0 44	9 23	2 43	14 56	0 23	21 54	1 19	12 48	10 8	2 33	2 42	17 36	1 46	3 31
S 19	1 28	7 33	1 31	8 37	1 13	9 44	1 14	5 0	1 3	12 50	0 44	9 22	2 44	14 57	0 23	21 54	1 19	12 48	10 8	2 33	2 41	17 36	1 49	3 31
M20	1 5	11 23	2 43	9 16	1 21	9 18	1 15	4 45	1 3	12 46	0 44	9 20	2 44	14 58	0 23	21 54	1 19	12 48	10 8	2 33	2 40	17 37	1 52	3 31
T 21	0 42	14 32	3 45	9 53	1 29	8 51	1 16	4 30	1 2	12 41	0 44	9 19	2 44	14 59	0 23	21 54	1 19	12 48	10 8	2 34	2 39	17 37	1 55	3 30
W22	0 19	16 48	4 34	10 30	1 37	8 24	1 18	4 14	1 2	12 37	0 44	9 17	2 44	14 59	0 23	21 54	1 19	12 47	10 9	2 34	2 37	17 38	1 59	3 30
T 23	0s 5	18 0	5 5	11 6	1 45	7 56	1 19	3 59	1 2	12 33	0 44	9 16	2 44	15 0	0 23	21 54	1 19	12 47	10 9	2 34	2 36	17 38	2 2	3 30
F 24	0 28	18 4	5 17	11 41	1 53	7 29	1 20	3 44	1 2	12 29	0 45	9 15	2 44	15 1	0 23	21 54	1 19	12 47	10 9	2 34	2 35	17 39	2 5	3 30
S 25	0 51	17 0	5 10	12 15	2 0	7 1	1 21	3 28	1 2	12 25	0 45	9 13	2 44	15 2	0 23	21 54	1 19	12 47	10 9	2 34	2 34	17 39	2 8	3 29
S 26	1 15	14 57	4 45	12 48	2 8	6 33	1 22	3 13	1 1	12 21	0 45	9 12	2 45	15 3	0 23	21 55	1 19	12 47	10 9	2 34	2 32	17 39	2 12	3 29
M27	1 38	12 5	4 4	13 20	2 15	6 5	1 23	2 58	1 1	12 17	0 45	9 10	2 45	15 4	0 23	21 55	1 19	12 46	10 9	2 34	2 31	17 40	2 15	3 29
T 28	2 1	8 36	3 10	13 51	2 22	5 37	1 24	2 42	1 1	12 13	0 45	9 9	2 45	15 5	0 23	21 55	1 19	12 46	10 10	2 34	2 30	17 40	2 18	3 29
W29	2 24	4 44	2 7	14 21	2 29	5 8	1 24	2 27	1 1	12 9	0 45	9 7	2 45	15 6	0 23	21 55	1 19	12 46	10 10	2 34	2 29	17 41	2 21	3 29
T 30	2s48	0s42	0n58	14s50	2s36	4n40	1n25	2n11	1n 1	12n 5	0n45	9n 6	2s45	15s 7	0n23	21s55	1n19	12n46	10s10	2s34	2s27	17n41	2s24	3s28

Julian Day Number = 2504748.5, Delta T = 118.74 sec
Ecliptic obliquity = 23°25'04, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°46'33, Lahiri = 25°53'33

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ASTRODIENST EPHEMERIS for the year 2145
geocentric

OCTOBER 2145 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 39 41	8♎ 1'45	8♈51	3♏46	22♍46	27♍28	0♍27	0°R32	12♏15	22♐50	18°R10	6°R27	6♎ 8	13♊39	28♍11	F 1
S 2	0 43 37	9° 0'39	21°26	4°47	24° 1	28° 6	0°38	0♉28	12°18	22°51	18♊10	6♎27	6° 5	13°46	28°20	S 2
S 3	0 47 34	9°59'35	3♉48	5°45	25°15	28°45	0°50	0°23	12°21	22°52	18° 9	6°27	6° 2	13°52	28°28	S 3
M 4	0 51 31	10°58'33	15°58	6°40	26°30	29°23	1° 1	0°19	12°25	22°53	18° 9	6°26	5°59	13°59	28°37	M 4
T 5	0 55 27	11°57'34	27°59	7°32	27°45	0♎ 2	1°13	0°15	12°28	22°54	18° 9	6°26	5°55	14° 6	28°45	T 5
W 6	0 59 24	12°56'37	9♊54	8°21	28°59	0°40	1°24	0°10	12°32	22°55	18° 8	6°25	5°52	14°13	28°54	W 6
T 7	1 3 20	13°55'42	21°45	9° 6	0♎14	1°19	1°35	0° 6	12°35	22°56	18° 8	6°24	5°49	14°19	29° 2	T 7
F 8	1 7 17	14°54'49	3♋38	9°48	1°29	1°57	1°47	0° 1	12°38	22°57	18° 8	6°24	5°46	14°26	29°11	F 8
S 9	1 11 13	15°53'58	15°37	10°25	2°43	2°36	1°58	29♈57	12°42	22°58	18° 7	6°D23	5°43	14°33	29°20	S 9
S 10	1 15 10	16°53'10	27°46	10°58	3°58	3°14	2° 9	29°52	12°45	23° 0	18° 7	6°24	5°39	14°39	29°28	S 10
M11	1 19 6	17°52'24	10♌ 9	11°25	5°13	3°53	2°20	29°48	12°49	23° 1	18° 6	6°24	5°36	14°46	29°36	M11
T 12	1 23 3	18°51'41	22°52	11°47	6°28	4°32	2°31	29°43	12°52	23° 2	18° 6	6°25	5°33	14°53	29°45	T 12
W13	1 27 0	19°50'59	5♍56	12° 3	7°43	5°10	2°41	29°38	12°56	23° 3	18° 5	6°26	5°30	15° 0	29°53	W13
T 14	1 30 56	20°50'20	19°25	12°12	8°57	5°49	2°52	29°34	12°59	23° 4	18° 5	6°27	5°27	15° 6	0♎ 2	T 14
F 15	1 34 53	21°49'43	3♎17	12°R14	10°12	6°27	3° 3	29°29	13° 3	23° 6	18° 4	6°R28	5°24	15°13	0°10	F 15
S 16	1 38 49	22°49'08	17°32	12° 9	11°27	7° 6	3°13	29°24	13° 6	23° 7	18° 3	6°28	5°20	15°20	0°18	S 16
S 17	1 42 46	23°48'36	2♏ 5	11°56	12°42	7°45	3°24	29°19	13°10	23° 8	18° 3	6°27	5°17	15°26	0°27	S 17
M18	1 46 42	24°48'05	16°49	11°35	13°57	8°23	3°34	29°15	13°14	23°10	18° 2	6°25	5°14	15°33	0°35	M18
T 19	1 50 39	25°47'36	1♐38	11° 5	15°12	9° 2	3°45	29°10	13°17	23°11	18° 2	6°22	5°11	15°40	0°43	T 19
W20	1 54 35	26°47'09	16°23	10°27	16°27	9°41	3°55	29° 5	13°21	23°13	18° 1	6°19	5° 8	15°47	0°51	W20
T 21	1 58 32	27°46'44	0♑59	9°40	17°42	10°20	4° 5	29° 0	13°24	23°14	18° 0	6°17	5° 5	15°53	1° 0	T 21
F 22	2 2 28	28°46'20	15°20	8°46	18°57	10°58	4°15	28°55	13°28	23°15	18° 0	6°16	5° 1	16° 0	1° 8	F 22
S 23	2 6 25	29°45'59	29°23	7°44	20°12	11°37	4°25	28°51	13°32	23°17	17°59	6°D15	4°58	16° 7	1°16	S 23
S 24	2 10 22	0♏45'39	13♒ 7	6°36	21°27	12°16	4°35	28°46	13°35	23°18	17°58	6°15	4°55	16°13	1°24	S 24
M25	2 14 18	1°45'20	26°33	5°23	22°42	12°55	4°44	28°41	13°39	23°20	17°57	6°17	4°52	16°20	1°32	M25
T 26	2 18 15	2°45'03	9♓42	4° 8	23°57	13°33	4°54	28°36	13°43	23°22	17°57	6°18	4°49	16°27	1°40	T 26
W27	2 22 11	3°44'48	22°37	2°53	25°12	14°12	5° 3	28°32	13°47	23°23	17°56	6°20	4°45	16°34	1°48	W27
T 28	2 26 8	4°44'35	5♈18	1°39	26°28	14°51	5°13	28°27	13°50	23°25	17°55	6°R21	4°42	16°40	1°56	T 28
F 29	2 30 4	5°44'23	17°47	0°29	27°43	15°30	5°22	28°22	13°54	23°26	17°54	6°20	4°39	16°47	2° 4	F 29
S 30	2 34 1	6°44'14	0♉ 7	29♎25	28°58	16° 9	5°31	28°17	13°58	23°28	17°54	6°18	4°36	16°54	2°11	S 30
S 31	2 37 57	7♏44'06	12♉17	28♎30	0♏13	16♎48	5♍40	28♈13	14♏ 1	23♐30	17♊53	6♎14	4♎33	17♊ 0	2♎19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s11	3n18	0s13	15s18	2s42	4n11	1n26	1n56	1n 0	12n 1	0n45	9n 4	2s45	15s 8	0n23	21s55	1n19	12n46	10s10	2s34	2s26	17n42	2s28	3s28
S 2	3 34	7 5	1 22	15 45	2 48	3 42	1 26	1 40	1 0	11 57	0 46	9 2	2 45	15 9	0 23	21 55	1 19	12 45	10 10	2 34	2 25	17 42	2 31	3 28
S 3	3 57	10 29	2 26	16 10	2 54	3 13	1 27	1 25	1 0	11 53	0 46	9 1	2 45	15 10	0 23	21 55	1 18	12 45	10 10	2 33	2 24	17 43	2 34	3 28
M 4	4 20	13 23	3 22	16 33	3 0	2 43	1 27	1 9	1 0	11 49	0 46	8 59	2 46	15 11	0 23	21 55	1 18	12 45	10 11	2 33	2 22	17 43	2 37	3 28
T 5	4 43	15 39	4 8	16 55	3 5	2 14	1 28	0 54	0 59	11 45	0 46	8 58	2 46	15 12	0 23	21 55	1 18	12 45	10 11	2 33	2 21	17 44	2 41	3 27
W 6	5 6	17 14	4 44	17 16	3 9	1 45	1 28	0 38	0 59	11 41	0 46	8 56	2 46	15 13	0 23	21 55	1 18	12 45	10 11	2 33	2 20	17 44	2 44	3 27
T 7	5 29	18 4	5 7	17 35	3 14	1 15	1 28	0 23	0 59	11 37	0 46	8 54	2 46	15 14	0 23	21 56	1 18	12 45	10 11	2 32	2 19	17 44	2 47	3 27
F 8	5 52	18 6	5 16	17 51	3 17	0 46	1 28	0 7	0 59	11 33	0 47	8 53	2 46	15 16	0 23	21 56	1 18	12 44	10 11	2 32	2 17	17 45	2 50	3 27
S 9	6 15	17 20	5 13	18 6	3 20	0 16	1 28	0s 8	0 58	11 30	0 47	8 51	2 46	15 17	0 23	21 56	1 18	12 44	10 11	2 32	2 16	17 45	2 54	3 27
S 10	6 38	15 46	4 55	18 19	3 23	0s13	1 28	0 24	0 58	11 26	0 47	8 49	2 46	15 18	0 23	21 56	1 18	12 44	10 12	2 32	2 15	17 46	2 57	3 27
M11	7 0	13 27	4 24	18 29	3 24	0 43	1 28	0 39	0 58	11 22	0 47	8 48	2 46	15 19	0 23	21 56	1 18	12 44	10 12	2 32	2 13	17 46	3 0	3 27
T 12	7 23	10 26	3 39	18 36	3 25	1 13	1 28	0 55	0 58	11 18	0 47	8 46	2 46	15 20	0 23	21 56	1 18	12 44	10 12	2 33	2 12	17 47	3 3	3 26
W13	7 45	6 50	2 41	18 41	3 25	1 42	1 28	1 10	0 57	11 14	0 47	8 44	2 46	15 21	0 22	21 56	1 18	12 43	10 12	2 33	2 11	17 47	3 7	3 26
T 14	8 8	2 46	1 33	18 43	3 24	2 12	1 28	1 26	0 57	11 11	0 47	8 43	2 46	15 22	0 22	21 56	1 18	12 43	10 12	2 34	2 10	17 47	3 10	3 26
F 15	8 30	1s34	0 18	18 41	3 21	2 42	1 27	1 42	0 57	11 7	0 48	8 41	2 46	15 23	0 22	21 56	1 18	12 43	10 12	2 34	2 8	17 48	3 13	3 26
S 16	8 52	5 56	1n 1	18 36	3 17	3 11	1 27	1 57	0 57	11 3	0 48	8 39	2 46	15 24	0 22	21 57	1 18	12 43	10 12	2 34	2 7	17 48	3 16	3 26
S 17	9 14	10 3	2 17	18 27	3 12	3 41	1 27	2 13	0 56	11 0	0 48	8 38	2 46	15 25	0 22	21 57	1 18	12 43	10 13	2 33	2 6	17 49	3 19	3 26
M18	9 36	13 34	3 25	18 14	3 6	4 11	1 26	2 28	0 56	10 56	0 48	8 36	2 46	15 26	0 22	21 57	1 18	12 42	10 13	2 33	2 5	17 49	3 23	3 26
T 19	9 57	16 14	4 19	17 57	2 57	4 40	1 25	2 43	0 56	10 53	0 48	8 34	2 46	15 27	0 22	21 57	1 18	12 42	10 13	2 32	2 3	17 49	3 26	3 26
W20	10 19	17 49	4 56	17 35	2 47	5 9	1 25	2 59	0 55	10 49	0 49	8 33	2 46	15 29	0 22	21 57	1 18	12 42	10 13	2 31	2 2	17 50	3 29	3 26
T 21	10 40	18 11	5 13	17 9	2 35	5 39	1 24	3 14	0 55	10 46	0 49	8 31	2 46	15 30	0 22	21 57	1 18	12 42	10 13	2 30	2 1	17 50	3 32	3 25
F 22	11 2	17 23	5 11	16 39	2 22	6 8	1 23	3 30	0 55	10 42	0 49	8 29	2 46	15 31	0 22	21 57	1 18	12 42	10 13	2 29	2 0	17 51	3 35	3 25
S 23	11 23	15 32	4 50	16 4	2 6	6 37	1 23	3 45	0 55	10 39	0 49	8 28	2 46	15 32	0 22	21 57	1 18	12 41	10 13	2 29	1 58	17 51	3 38	3 25
S 24	11 44	12 50	4 12	15 25	1 49	7 6	1 22	4 1	0 54	10 35	0 49	8 26	2 46	15 33	0 22	21 57	1 18	12 41	10 14	2 29	1 57	17 51	3 42	3 25
M25	12 4	9 30	3 21	14 44	1 31	7 35	1 21	4 16	0 54	10 32	0 49	8 24	2 46	15 34	0 22	21 58	1 17	12 41	10 14	2 29	1 56	17 52	3 45	3 25
T 26	12 25	5 45	2 21	14 0	1 11	8 3	1 20	4 31	0 54	10 29	0 50	8 23	2 46	15 35	0 22	21 58	1 17	12 41	10 14	2 30	1 55	17 52	3 48	3 25
W27	12 45	1 47	1 15	13 15	0 51	8 32	1 19	4 47	0 53	10 25	0 50	8 21	2 46	15 36	0 22	21 58	1 17	12 41	10 14	2 31	1 53	17 52	3 51	3 25
T 28	13 5	2n11	0 6	12 30	0 30	9 0	1 17	5 2	0 53	10 22	0 50	8 19	2 46	15 37	0 22	21 58	1 17	12 41	10 14	2 31	1 52	17 53	3 54	3 25
F 29	13 25	6 1	1s 2	11 47	0 10	9 28	1 16	5 17	0 53	10 19	0 50	8 18	2 46	15 39	0 22	21 58	1 17	12 40	10 14	2 31	1 51	17 53	3 57	3 25
S 30	13 45	9 32	2 6	11 6	0n11	9 56	1 15	5 32	0 52	10 16	0 50	8 16	2 46	15 40	0 22	21 58	1 17	12 40	10 14	2 30	1 50	17 54	4 0	3 25
S 31	14s 5	12n35	3s 4	10s28	0n30	10s23	1n14	5s47	0n52	10n12	0n51	8n14	2s46	15s41	0n22	21s58	1n17	12n40	10s14	2s28	1s48	17n54	4s 3	3s25

Julian Day Number = 2504778.5, Delta T = 118.79 sec
Ecliptic obliquity = 23°25'05, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°46'37, Lahiri = 25°53'37

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ASTRODIENST EPHEMERIS for the year 2145
geocentric

NOVEMBER 2145 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 41 54	8♏44'00	24♉20	27°R44	1♏28	17♎26	5♍49	28°R 8	14♏ 5	23♐32	17°R52	6°R 9	4♎30	17♊ 7	2♎27	M 1
T 2	2 45 51	9°43'56	6♊18	27♎ 8	2°43	18° 5	5°58	28♈ 3	14° 9	23°33	17♊51	6♎ 3	4°26	17°14	2°34	T 2
W 3	2 49 47	10°43'54	18°11	26°44	3°59	18°44	6° 7	27°59	14°13	23°35	17°50	5°56	4°23	17°21	2°42	W 3
T 4	2 53 44	11°43'55	0♋ 2	26°32	5°14	19°23	6°15	27°54	14°16	23°37	17°49	5°50	4°20	17°27	2°50	T 4
F 5	2 57 40	12°43'57	11°54	26°D31	6°29	20° 2	6°24	27°50	14°20	23°39	17°48	5°45	4°17	17°34	2°57	F 5
S 6	3 1 37	13°44'01	23°51	26°41	7°44	20°41	6°32	27°45	14°24	23°40	17°47	5°41	4°14	17°41	3° 5	S 6
S 7	3 5 33	14°44'08	5♌56	27° 2	9° 0	21°20	6°40	27°41	14°28	23°42	17°46	5°39	4°11	17°47	3°12	S 7
M 8	3 9 30	15°44'16	18°15	27°32	10°15	21°59	6°49	27°36	14°31	23°44	17°46	5°D38	4° 7	17°54	3°19	M 8
T 9	3 13 26	16°44'27	0♍52	28°11	11°30	22°38	6°56	27°32	14°35	23°46	17°45	5°39	4° 4	18° 1	3°27	T 9
W10	3 17 23	17°44'40	13°51	28°58	12°46	23°17	7° 4	27°27	14°39	23°48	17°44	5°41	4° 1	18° 8	3°34	W10
T 11	3 21 20	18°44'54	27°16	29°52	14° 1	23°56	7°12	27°23	14°43	23°50	17°43	5°42	3°58	18°14	3°41	T 11
F 12	3 25 16	19°45'11	11♎ 9	0♏52	15°16	24°35	7°20	27°19	14°46	23°52	17°42	5°R42	3°55	18°21	3°48	F 12
S 13	3 29 13	20°45'29	25°30	1°58	16°32	25°14	7°27	27°15	14°50	23°54	17°41	5°40	3°51	18°28	3°55	S 13
S 14	3 33 9	21°45'50	10♏16	3° 8	17°47	25°53	7°34	27°11	14°54	23°56	17°40	5°37	3°48	18°34	4° 2	S 14
M15	3 37 6	22°46'12	25°19	4°23	19° 2	26°33	7°42	27° 6	14°58	23°58	17°39	5°31	3°45	18°41	4° 9	M15
T 16	3 41 2	23°46'36	10♐31	5°41	20°18	27°12	7°49	27° 2	15° 1	24° 0	17°38	5°24	3°42	18°48	4°16	T 16
W17	3 44 59	24°47'02	25°41	7° 1	21°33	27°51	7°55	26°58	15° 5	24° 2	17°37	5°16	3°39	18°55	4°23	W17
T 18	3 48 55	25°47'29	10♑39	8°25	22°48	28°30	8° 2	26°55	15° 9	24° 4	17°35	5° 8	3°36	19° 1	4°30	T 18
F 19	3 52 52	26°47'57	25°17	9°50	24° 4	29° 9	8° 9	26°51	15°13	24° 6	17°34	5° 3	3°32	19° 8	4°36	F 19
S 20	3 56 49	27°48'27	9♒30	11°17	25°19	29°49	8°15	26°47	15°16	24° 8	17°33	4°59	3°29	19°15	4°43	S 20
S 21	4 0 45	28°48'57	23°18	12°45	26°35	0♏28	8°22	26°43	15°20	24°10	17°32	4°D57	3°26	19°21	4°49	S 21
M22	4 4 42	29°49'29	6♓40	14°15	27°50	1° 7	8°28	26°40	15°24	24°12	17°31	4°57	3°23	19°28	4°56	M22
T 23	4 8 38	0♐50'02	19°40	15°45	29° 5	1°46	8°34	26°36	15°27	24°14	17°30	4°58	3°20	19°35	5° 2	T 23
W24	4 12 35	1°50'37	2♈21	17°17	0♐21	2°25	8°39	26°33	15°31	24°16	17°29	4°R59	3°17	19°42	5° 8	W24
T 25	4 16 31	2°51'12	14°47	18°49	1°36	3° 5	8°45	26°29	15°35	24°18	17°28	4°59	3°13	19°48	5°15	T 25
F 26	4 20 28	3°51'49	27° 2	20°21	2°52	3°44	8°51	26°26	15°38	24°21	17°27	4°56	3°10	19°55	5°21	F 26
S 27	4 24 24	4°52'27	9♉ 8	21°54	4° 7	4°23	8°56	26°23	15°42	24°23	17°26	4°51	3° 7	20° 2	5°27	S 27
S 28	4 28 21	5°53'07	21° 9	23°27	5°22	5° 3	9° 1	26°20	15°45	24°25	17°25	4°43	3° 4	20° 9	5°33	S 28
M29	4 32 18	6°53'47	3♊ 5	25° 0	6°38	5°42	9° 6	26°17	15°49	24°27	17°23	4°32	3° 1	20°15	5°39	M29
T 30	4 36 14	7♐54'29	14♊59	26♏34	7♐53	6♏21	9♍11	26♈14	15♏53	24♐29	17♊22	4♎20	2♎57	20♊22	5♎44	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s24	15n 5	3s52	9s55	0n48	10s51	1n12	6s 3	0n52	10n 9	0n51	8n13	2s46	15s42	0n22	21s58	1n17	12n40	10s14	2s26	1s47	17n54	4s 6	3s25
T 2	14 43	16 54	4 30	9 27	1 4	11 18	1 11	6 18	0 51	10 6	0 51	8 11	2 46	15 43	0 22	21 59	1 17	12 40	10 15	2 24	1 46	17 55	4 9	3 25
W 3	15 2	17 59	4 56	9 4	1 19	11 45	1 9	6 33	0 51	10 3	0 51	8 10	2 46	15 44	0 22	21 59	1 17	12 39	10 15	2 21	1 45	17 55	4 12	3 25
T 4	15 20	18 16	5 9	8 48	1 32	12 11	1 8	6 48	0 51	10 0	0 51	8 8	2 46	15 45	0 22	21 59	1 17	12 39	10 15	2 19	1 43	17 55	4 15	3 25
F 5	15 39	17 45	5 9	8 37	1 43	12 37	1 6	7 3	0 50	9 57	0 52	8 7	2 46	15 46	0 22	21 59	1 17	12 39	10 15	2 17	1 42	17 56	4 18	3 25
S 6	15 57	16 28	4 55	8 32	1 53	13 3	1 5	7 18	0 50	9 54	0 52	8 5	2 46	15 47	0 22	21 59	1 17	12 39	10 15	2 15	1 41	17 56	4 21	3 25
S 7	16 15	14 26	4 29	8 32	2 1	13 29	1 3	7 33	0 50	9 52	0 52	8 4	2 45	15 49	0 22	21 59	1 17	12 39	10 15	2 15	1 39	17 56	4 24	3 25
M 8	16 32	11 43	3 49	8 37	2 7	13 54	1 1	7 47	0 49	9 49	0 52	8 2	2 45	15 50	0 22	21 59	1 17	12 39	10 15	2 14	1 38	17 57	4 27	3 25
T 9	16 49	8 23	2 58	8 47	2 11	14 19	1 0	8 2	0 49	9 46	0 52	8 1	2 45	15 51	0 22	21 59	1 17	12 38	10 15	2 15	1 37	17 57	4 30	3 24
W10	17 6	4 34	1 56	9 0	2 14	14 44	0 58	8 17	0 49	9 43	0 53	7 59	2 45	15 52	0 22	22 0	1 17	12 38	10 15	2 15	1 36	17 57	4 33	3 24
T 11	17 23	0 23	0 46	9 18	2 16	15 8	0 56	8 32	0 48	9 41	0 53	7 58	2 45	15 53	0 22	22 0	1 17	12 38	10 15	2 16	1 34	17 58	4 35	3 24
F 12	17 40	3s57	0n29	9 38	2 17	15 32	0 54	8 46	0 48	9 38	0 53	7 57	2 45	15 54	0 22	22 0	1 17	12 38	10 15	2 16	1 33	17 58	4 38	3 24
S 13	17 56	8 13	1 45	10 1	2 16	15 56	0 52	9 1	0 48	9 35	0 53	7 55	2 45	15 55	0 22	22 0	1 17	12 38	10 15	2 15	1 32	17 58	4 41	3 24
S 14	18 11	12 6	2 56	10 26	2 15	16 19	0 50	9 16	0 47	9 33	0 53	7 54	2 45	15 56	0 22	22 0	1 17	12 38	10 15	2 14	1 31	17 59	4 44	3 24
M15	18 27	15 16	3 55	10 53	2 12	16 41	0 48	9 30	0 47	9 30	0 54	7 53	2 44	15 57	0 22	22 0	1 17	12 38	10 16	2 11	1 29	17 59	4 47	3 25
T 16	18 42	17 24	4 39	11 22	2 9	17 4	0 46	9 44	0 47	9 28	0 54	7 51	2 44	15 59	0 22	22 0	1 17	12 37	10 16	2 8	1 28	17 59	4 49	3 25
W17	18 57	18 18	5 3	11 52	2 6	17 25	0 44	9 59	0 46	9 26	0 54	7 50	2 44	16 0	0 22	22 0	1 17	12 37	10 16	2 5	1 27	18 0	4 52	3 25
T 18	19 11	17 55	5 6	12 23	2 2	17 47	0 42	10 13	0 46	9 23	0 54	7 49	2 44	16 1	0 22	22 0	1 17	12 37	10 16	2 2	1 26	18 0	4 55	3 25
F 19	19 25	16 20	4 48	12 54	1 57	18 7	0 40	10 27	0 45	9 21	0 55	7 48	2 44	16 2	0 22	22 1	1 17	12 37	10 16	2 0	1 24	18 0	4 57	3 25
S 20	19 39	13 47	4 13	13 26	1 52	18 28	0 38	10 41	0 45	9 19	0 55	7 46	2 44	16 3	0 22	22 1	1 17	12 37	10 16	1 59	1 23	18 1	5 0	3 25
S 21	19 53	10 31	3 25	13 58	1 46	18 48	0 36	10 56	0 45	9 17	0 55	7 45	2 43	16 4	0 22	22 1	1 17	12 37	10 16	1 58	1 22	18 1	5 3	3 25
M22	20 6	6 48	2 26	14 30	1 40	19 7	0 34	11 10	0 44	9 15	0 55	7 44	2 43	16 5	0 22	22 1	1 17	12 37	10 16	1 58	1 21	18 1	5 5	3 25
T 23	20 18	2 51	1 21	15 2	1 34	19 26	0 31	11 23	0 44	9 13	0 56	7 43	2 43	16 6	0 22	22 1	1 17	12 37	10 16	1 58	1 19	18 2	5 8	3 25
W24	20 31	1n 9	0 14	15 34	1 28	19 44	0 29	11 37	0 44	9 11	0 56	7 42	2 43	16 7	0 22	22 1	1 17	12 36	10 16	1 59	1 18	18 2	5 10	3 25
T 25	20 43	5 1	0s52	16 6	1 21	20 2	0 27	11 51	0 43	9 9	0 56	7 41	2 43	16 8	0 22	22 1	1 17	12 36	10 16	1 59	1 17	18 2	5 13	3 25
F 26	20 54	8 37	1 55	16 37	1 15	20 19	0 25	12 5	0 43	9 7	0 56	7 40	2 42	16 9	0 22	22 1	1 16	12 36	10 16	1 57	1 16	18 2	5 15	3 25
S 27	21 5	11 49	2 52	17 8	1 8	20 35	0 22	12 18	0 42	9 5	0 56	7 39	2 42	16 10	0 22	22 2	1 16	12 36	10 16	1 55	1 14	18 3	5 18	3 25
S 28	21 16	14 29	3 40	17 38	1 1	20 51	0 20	12 32	0 42	9 3	0 57	7 38	2 42	16 11	0 22	22 2	1 16	12 36	10 16	1 52	1 13	18 3	5 20	3 25
M29	21 27	16 31	4 19	18 8	0 54	21 7	0 18	12 46	0 41	9 2	0 57	7 37	2 42	16 12	0 22	22 2	1 16	12 36	10 16	1 48	1 12	18 3	5 23	3 25
T 30	21s36	17n51	4s45	18s36	0n47	21s21	0n15	12s59	0n41	9n 0	0n57	7n36	2s42	16s13	0n22	22s 2	1n16	12n36	10s16	1s43	1s10	18n 4	5s25	3s25

Julian Day Number = 2504809.5, Delta T = 118.85 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°46'41, Lahiri = 25°53'41

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ASTRODIENST EPHEMERIS for the year 2145
geocentric

DECEMBER 2145 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 40 11	8♐55'13	26♊51	28♏ 8	9♐ 9	7♏ 1	9♍16	26°R11	15♏56	24♐31	17°R21	4°R 7	2♎54	20♊29	5♎50	W 1
T 2	4 44 7	9°55'57	8♋43	29°41	10°24	7°40	9°20	26♈ 8	16° 0	24°34	17♊20	3♎54	2°51	20°35	5°56	T 2
F 3	4 48 4	10°56'43	20°38	1♐15	11°40	8°20	9°25	26° 5	16° 3	24°36	17°19	3°43	2°48	20°42	6° 1	F 3
S 4	4 52 0	11°57'31	2♌36	2°49	12°55	8°59	9°29	26° 3	16° 7	24°38	17°18	3°34	2°45	20°49	6° 7	S 4
S 5	4 55 57	12°58'19	14°42	4°23	14°10	9°39	9°33	26° 0	16°10	24°40	17°17	3°28	2°42	20°56	6°12	S 5
M 6	4 59 53	13°59'09	26°58	5°57	15°26	10°18	9°37	25°58	16°14	24°43	17°15	3°24	2°38	21° 2	6°17	M 6
T 7	5 3 50	15° 0'01	9♍30	7°31	16°41	10°58	9°40	25°56	16°17	24°45	17°14	3°23	2°35	21° 9	6°23	T 7
W 8	5 7 47	16° 0'53	22°22	9° 4	17°57	11°37	9°44	25°53	16°20	24°47	17°13	3°D23	2°32	21°16	6°28	W 8
T 9	5 11 43	17° 1'47	5♎37	10°38	19°12	12°17	9°47	25°51	16°24	24°49	17°12	3°R23	2°29	21°22	6°33	T 9
F 10	5 15 40	18° 2'43	19°21	12°12	20°28	12°56	9°50	25°49	16°27	24°52	17°11	3°22	2°26	21°29	6°38	F 10
S 11	5 19 36	19° 3'40	3♏33	13°46	21°43	13°36	9°53	25°47	16°30	24°54	17°10	3°19	2°22	21°36	6°42	S 11
S 12	5 23 33	20° 4'37	18°14	15°20	22°59	14°15	9°56	25°45	16°34	24°56	17° 9	3°13	2°19	21°43	6°47	S 12
M13	5 27 29	21° 5'36	3♐18	16°54	24°14	14°55	9°58	25°44	16°37	24°58	17° 7	3° 4	2°16	21°49	6°52	M13
T 14	5 31 26	22° 6'37	18°37	18°28	25°30	15°35	10° 1	25°42	16°40	25° 1	17° 6	2°54	2°13	21°56	6°56	T 14
W15	5 35 22	23° 7'38	3♑59	20° 2	26°45	16°14	10° 3	25°41	16°43	25° 3	17° 5	2°42	2°10	22° 3	7° 1	W15
T 16	5 39 19	24° 8'39	19°12	21°36	28° 1	16°54	10° 5	25°39	16°47	25° 5	17° 4	2°31	2° 7	22° 9	7° 5	T 16
F 17	5 43 16	25° 9'42	4♒ 7	23°11	29°16	17°34	10° 7	25°38	16°50	25° 7	17° 3	2°22	2° 3	22°16	7° 9	F 17
S 18	5 47 12	26°10'44	18°35	24°45	0♑31	18°13	10° 8	25°37	16°53	25°10	17° 2	2°15	2° 0	22°23	7°13	S 18
S 19	5 51 9	27°11'48	2♓33	26°19	1°47	18°53	10°10	25°36	16°56	25°12	17° 1	2°11	1°57	22°30	7°17	S 19
M20	5 55 5	28°12'51	16° 2	27°54	3° 2	19°33	10°11	25°35	16°59	25°14	16°59	2° 9	1°54	22°36	7°21	M20
T 21	5 59 2	29°13'55	29° 4	29°29	4°18	20°13	10°12	25°34	17° 2	25°16	16°58	2° 9	1°51	22°43	7°25	T 21
W22	6 2 58	0♑14'59	11♈43	1♑ 4	5°33	20°52	10°13	25°33	17° 5	25°19	16°57	2° 9	1°48	22°50	7°29	W22
T 23	6 6 55	1°16'03	24° 4	2°39	6°49	21°32	10°14	25°33	17° 8	25°21	16°56	2° 7	1°44	22°57	7°32	T 23
F 24	6 10 51	2°17'08	6♉12	4°14	8° 4	22°12	10°14	25°32	17°11	25°23	16°55	2° 4	1°41	23° 3	7°36	F 24
S 25	6 14 48	3°18'13	18°11	5°49	9°20	22°52	10°14	25°32	17°14	25°25	16°54	1°58	1°38	23°10	7°39	S 25
S 26	6 18 45	4°19'19	0♊ 5	7°25	10°35	23°32	10°R15	25°31	17°17	25°28	16°53	1°48	1°35	23°17	7°42	S 26
M27	6 22 41	5°20'24	11°57	9° 1	11°51	24°12	10°14	25°31	17°20	25°30	16°52	1°36	1°32	23°23	7°46	M27
T 28	6 26 38	6°21'30	23°49	10°37	13° 6	24°51	10°14	25°D31	17°22	25°32	16°51	1°22	1°28	23°30	7°49	T 28
W29	6 30 34	7°22'36	5♋43	12°13	14°21	25°31	10°14	25°31	17°25	25°34	16°49	1° 7	1°25	23°37	7°52	W29
T 30	6 34 31	8°23'43	17°39	13°50	15°37	26°11	10°13	25°31	17°28	25°37	16°48	0°52	1°22	23°44	7°54	T 30
F 31	6 38 27	9♑24'50	29♋40	15♑27	16♑52	26♏51	10♍12	25♈32	17♏31	25♐39	16♊47	0♎39	1♎19	23♊50	7♎57	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s46	18n23	5s 0	19s 5	0n40	21s35	0n13	13s12	0n41	8n59	0n57	7n35	2s41	16s14	0n22	22s 2	1n16	12n36	10s16	1s38	1s 9	18n 4	5s27	3s25
T 2	21 55	18 7	5 1	19 32	0 33	21 49	0 10	13 25	0 40	8 57	0 58	7 35	2 41	16 15	0 22	22 2	1 16	12 36	10 16	1 33	1 8	18 4	5 30	3 25
F 3	22 4	17 4	4 49	19 58	0 26	22 2	0 8	13 39	0 40	8 56	0 58	7 34	2 41	16 16	0 22	22 2	1 16	12 36	10 16	1 29	1 7	18 4	5 32	3 25
S 4	22 12	15 16	4 25	20 24	0 19	22 14	0 6	13 52	0 39	8 54	0 58	7 33	2 41	16 17	0 22	22 2	1 16	12 35	10 16	1 25	1 5	18 5	5 34	3 25
S 5	22 20	12 46	3 48	20 49	0 12	22 26	0 3	14 4	0 39	8 53	0 58	7 33	2 40	16 18	0 22	22 2	1 16	12 35	10 16	1 22	1 4	18 5	5 36	3 25
M 6	22 27	9 41	3 0	21 12	0 5	22 36	0 1	14 17	0 38	8 52	0 59	7 32	2 40	16 19	0 22	22 2	1 16	12 35	10 16	1 21	1 3	18 5	5 38	3 26
T 7	22 34	6 6	2 3	21 35	0s 2	22 47	0s 1	14 30	0 38	8 51	0 59	7 31	2 40	16 20	0 22	22 3	1 16	12 35	10 16	1 20	1 2	18 5	5 41	3 26
W 8	22 41	2 8	0 58	21 56	0 9	22 56	0 4	14 43	0 37	8 50	0 59	7 31	2 40	16 21	0 22	22 3	1 16	12 35	10 16	1 20	1 0	18 6	5 43	3 26
T 9	22 47	2s 3	0n12	22 17	0 16	23 5	0 6	14 55	0 37	8 49	1 0	7 30	2 39	16 22	0 22	22 3	1 16	12 35	10 16	1 21	0 59	18 6	5 45	3 26
F 10	22 53	6 17	1 24	22 36	0 23	23 13	0 9	15 8	0 37	8 48	1 0	7 30	2 39	16 23	0 22	22 3	1 16	12 35	10 16	1 20	0 58	18 6	5 47	3 26
S 11	22 58	10 18	2 32	22 55	0 29	23 21	0 11	15 20	0 36	8 47	1 0	7 29	2 39	16 24	0 22	22 3	1 16	12 35	10 16	1 19	0 57	18 6	5 49	3 26
S 12	23 3	13 49	3 34	23 12	0 36	23 27	0 13	15 32	0 36	8 46	1 0	7 29	2 39	16 25	0 22	22 3	1 16	12 35	10 16	1 17	0 55	18 7	5 51	3 26
M13	23 7	16 31	4 21	23 28	0 42	23 33	0 16	15 44	0 35	8 45	1 1	7 29	2 38	16 26	0 22	22 3	1 16	12 35	10 16	1 13	0 54	18 7	5 53	3 26
T 14	23 11	18 5	4 51	23 43	0 48	23 39	0 18	15 56	0 35	8 45	1 1	7 28	2 38	16 27	0 22	22 3	1 16	12 35	10 15	1 9	0 53	18 7	5 55	3 26
W15	23 14	18 21	5 0	23 57	0 54	23 43	0 21	16 8	0 34	8 44	1 1	7 28	2 38	16 28	0 22	22 3	1 16	12 35	10 15	1 4	0 52	18 7	5 56	3 26
T 16	23 17	17 17	4 48	24 9	1 0	23 47	0 23	16 20	0 34	8 44	1 1	7 28	2 38	16 29	0 22	22 3	1 16	12 35	10 15	1 0	0 50	18 8	5 58	3 26
F 17	23 20	15 4	4 16	24 20	1 6	23 50	0 25	16 32	0 33	8 43	1 2	7 27	2 37	16 30	0 22	22 4	1 16	12 35	10 15	0 56	0 49	18 8	6 0	3 27
S 18	23 22	11 56	3 28	24 30	1 11	23 52	0 27	16 43	0 33	8 43	1 2	7 27	2 37	16 31	0 22	22 4	1 16	12 35	10 15	0 54	0 48	18 8	6 2	3 27
S 19	23 23	8 14	2 30	24 39	1 17	23 54	0 30	16 54	0 32	8 43	1 2	7 27	2 37	16 32	0 22	22 4	1 16	12 35	10 15	0 52	0 47	18 8	6 3	3 27
M20	23 24	4 13	1 24	24 46	1 22	23 55	0 32	17 6	0 32	8 42	1 2	7 27	2 36	16 32	0 22	22 4	1 16	12 35	10 15	0 51	0 45	18 8	6 5	3 27
T 21	23 25	0 7	0 16	24 52	1 27	23 55	0 34	17 17	0 31	8 42	1 3	7 27	2 36	16 33	0 22	22 4	1 16	12 35	10 15	0 51	0 44	18 9	6 7	3 27
W22	23 25	3n51	0s50	24 56	1 32	23 55	0 37	17 28	0 31	8 42	1 3	7 27	2 36	16 34	0 22	22 4	1 16	12 35	10 15	0 51	0 43	18 9	6 8	3 27
T 23	23 25	7 34	1 53	25 0	1 36	23 53	0 39	17 39	0 30	8 42	1 3	7 27	2 36	16 35	0 22	22 4	1 16	12 35	10 15	0 51	0 41	18 9	6 10	3 27
F 24	23 24	10 54	2 49	25 1	1 40	23 51	0 41	17 50	0 30	8 42	1 3	7 27	2 35	16 36	0 22	22 4	1 16	12 35	10 15	0 49	0 40	18 9	6 11	3 27
S 25	23 23	13 45	3 37	25 2	1 45	23 48	0 43	18 0	0 29	8 42	1 4	7 27	2 35	16 37	0 22	22 4	1 16	12 35	10 15	0 47	0 39	18 9	6 13	3 27
S 26	23 21	15 59	4 15	25 1	1 48	23 45	0 45	18 11	0 28	8 43	1 4	7 27	2 35	16 37	0 22	22 4	1 16	12 35	10 14	0 43	0 38	18 10	6 14	3 27
M27	23 19	17 32	4 42	24 58	1 52	23 40	0 47	18 21	0 28	8 43	1 4	7 28	2 34	16 38	0 22	22 4	1 16	12 35	10 14	0 38	0 36	18 10	6 15	3 28
T 28	23 16	18 20	4 57	24 54	1 55	23 35	0 49	18 31	0 27	8 43	1 5	7 28	2 34	16 39	0 22	22 4	1 16	12 35	10 14	0 33	0 35	18 10	6 17	3 28
W29	23 13	18 20	4 58	24 49	1 58	23 30	0 51	18 41	0 27	8 44	1 5	7 28	2 34	16 40	0 22	22 5	1 16	12 35	10 14	0 27	0 34	18 10	6 18	3 28
T 30	23 9	17 31	4 47	24 42	2 1	23 23	0 53	18 51	0 26	8 44	1 5	7 28	2 34	16 40	0 22	22 5	1 16	12 35	10 14	0 21	0 33	18 10	6 19	3 28
F 31	23s 5	15n55	4s23	24s34	2s 3	23s16	0s55	19s 1	0n26	8n45	1n 5	7n29	2s33	16s41	0n22	22s 5	1n16	12n35	10s14	0s15	0s31	18n11	6s20	3s28

Julian Day Number = 2504839.5, Delta T = 118.90 sec
Ecliptic obliquity = 23°25'03, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°46'45, Lahiri = 25°53'46

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ASTRODIENST EPHEMERIS for the year 2146
geocentric

JANUARY 2146 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 24	10♑25'57	11♌45	17♑ 4	18♑ 8	27♏31	10°R11	25♈32	17♏33	25♐41	16°R46	0°R28	1♎16	23♊57	8♎ 0	S 1
S 2	6 46 21	11°27'04	23°58	18°41	19°23	28°11	10♍10	25°32	17°36	25°43	16♊45	0♎20	1°13	24° 4	8° 2	S 2
M 3	6 50 17	12°28'12	6♍20	20°18	20°38	28°51	10° 8	25°33	17°38	25°46	16°44	0°15	1° 9	24°11	8° 4	M 3
T 4	6 54 14	13°29'20	18°55	21°56	21°54	29°31	10° 7	25°34	17°41	25°48	16°43	0°13	1° 6	24°17	8° 7	T 4
W 5	6 58 10	14°30'28	1♎45	23°34	23° 9	0♐11	10° 5	25°35	17°43	25°50	16°42	0°D12	1° 3	24°24	8° 9	W 5
T 6	7 2 7	15°31'37	14°56	25°12	24°25	0°51	10° 3	25°36	17°46	25°52	16°41	0°R13	1° 0	24°31	8°11	T 6
F 7	7 6 3	16°32'46	28°29	26°50	25°40	1°31	10° 0	25°37	17°48	25°54	16°40	0°12	0°57	24°37	8°13	F 7
S 8	7 10 0	17°33'55	12♏28	28°28	26°55	2°11	9°58	25°38	17°51	25°56	16°39	0°10	0°54	24°44	8°14	S 8
S 9	7 13 56	18°35'04	26°52	0♒ 6	28°11	2°51	9°55	25°39	17°53	25°58	16°38	0° 5	0°50	24°51	8°16	S 9
M10	7 17 53	19°36'14	11♐40	1°44	29°26	3°31	9°52	25°40	17°55	26° 1	16°37	29♍57	0°47	24°58	8°18	M10
T 11	7 21 50	20°37'24	26°45	3°22	0♒42	4°12	9°49	25°42	17°57	26° 3	16°36	29°48	0°44	25° 4	8°19	T 11
W12	7 25 46	21°38'34	11♑58	5° 0	1°57	4°52	9°46	25°43	17°59	26° 5	16°35	29°37	0°41	25°11	8°20	W12
T 13	7 29 43	22°39'43	27° 9	6°36	3°12	5°32	9°43	25°45	18° 2	26° 7	16°35	29°27	0°38	25°18	8°21	T 13
F 14	7 33 39	23°40'53	12♒ 6	8°13	4°28	6°12	9°39	25°47	18° 4	26° 9	16°34	29°18	0°34	25°24	8°22	F 14
S 15	7 37 36	24°42'01	26°41	9°48	5°43	6°52	9°36	25°49	18° 6	26°11	16°33	29°11	0°31	25°31	8°23	S 15
S 16	7 41 32	25°43'10	10♓49	11°22	6°58	7°32	9°32	25°51	18° 8	26°13	16°32	29° 7	0°28	25°38	8°24	S 16
M17	7 45 29	26°44'17	24°27	12°55	8°14	8°13	9°28	25°53	18°10	26°15	16°31	29°D 6	0°25	25°45	8°25	M17
T 18	7 49 25	27°45'24	7♈37	14°25	9°29	8°53	9°23	25°55	18°12	26°17	16°30	29° 6	0°22	25°51	8°25	T 18
W19	7 53 22	28°46'30	20°21	15°54	10°44	9°33	9°19	25°58	18°13	26°19	16°29	29° 6	0°19	25°58	8°26	W19
T 20	7 57 19	29°47'36	2♉45	17°20	12° 0	10°13	9°14	26° 0	18°15	26°21	16°29	29°R 7	0°15	26° 5	8°26	T 20
F 21	8 1 15	0♒48'41	14°54	18°43	13°15	10°54	9°10	26° 3	18°17	26°23	16°28	29° 5	0°12	26°12	8°26	F 21
S 22	8 5 12	1°49'44	26°52	20° 2	14°30	11°34	9° 5	26° 5	18°19	26°25	16°27	29° 2	0° 9	26°18	8°R26	S 22
S 23	8 9 8	2°50'48	8♊45	21°16	15°45	12°14	9° 0	26° 8	18°20	26°27	16°26	28°56	0° 6	26°25	8°26	S 23
M24	8 13 5	3°51'50	20°36	22°26	17° 1	12°55	8°54	26°11	18°22	26°29	16°26	28°48	0° 3	26°32	8°26	M24
T 25	8 17 1	4°52'51	2♋28	23°29	18°16	13°35	8°49	26°14	18°23	26°31	16°25	28°38	29♍59	26°38	8°26	T 25
W26	8 20 58	5°53'52	14°25	24°26	19°31	14°15	8°43	26°17	18°25	26°33	16°24	28°27	29°56	26°45	8°26	W26
T 27	8 24 54	6°54'51	26°27	25°15	20°46	14°56	8°38	26°20	18°26	26°34	16°23	28°17	29°53	26°52	8°25	T 27
F 28	8 28 51	7°55'50	8♌37	25°56	22° 1	15°36	8°32	26°23	18°28	26°36	16°23	28° 7	29°50	26°59	8°24	F 28
S 29	8 32 48	8°56'48	20°55	26°28	23°17	16°17	8°26	26°27	18°29	26°38	16°22	28° 0	29°47	27° 5	8°24	S 29
S 30	8 36 44	9°57'45	3♍22	26°49	24°32	16°57	8°20	26°30	18°30	26°40	16°21	27°54	29°44	27°12	8°23	S 30
M31	8 40 41	10♒58'42	15♍59	27°R 0	25♒47	17♐37	8♍14	26♈34	18♏31	26♐42	16♊21	27♍51	29♍40	27♊19	8♎22	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 0	13n37	3s46	24s24	2s 5	23s 8	0s57	19s11	0n25	8n45	1n 6	7n29	2s33	16s42	0n22	22s 5	1n16	12n35	10s14	0s11	0s30	18n11	6s21	3s28
S 2	22 55	10 42	2 59	24 12	2 7	22 59	0 59	19 20	0 25	8 46	1 6	7 30	2 33	16 43	0 22	22 5	1 16	12 35	10 14	0 8	0 29	18 11	6 22	3 28
M 3	22 50	7 17	2 3	23 59	2 8	22 50	1 1	19 30	0 24	8 47	1 6	7 30	2 32	16 43	0 22	22 5	1 16	12 35	10 13	0 6	0 28	18 11	6 23	3 28
T 4	22 44	3 28	0 59	23 45	2 9	22 40	1 3	19 39	0 23	8 48	1 6	7 31	2 32	16 44	0 22	22 5	1 16	12 35	10 13	0 5	0 26	18 11	6 24	3 29
W 5	22 38	0s34	0n 8	23 29	2 9	22 29	1 4	19 48	0 23	8 49	1 7	7 31	2 32	16 45	0 22	22 5	1 16	12 35	10 13	0 5	0 25	18 12	6 25	3 29
T 6	22 31	4 41	1 17	23 11	2 9	22 18	1 6	19 57	0 22	8 50	1 7	7 32	2 32	16 45	0 22	22 5	1 16	12 35	10 13	0 5	0 24	18 12	6 26	3 29
F 7	22 24	8 41	2 24	22 52	2 9	22 6	1 8	20 6	0 22	8 51	1 7	7 32	2 31	16 46	0 22	22 5	1 16	12 35	10 13	0 5	0 23	18 12	6 27	3 29
S 8	22 16	12 19	3 24	22 32	2 8	21 53	1 9	20 14	0 21	8 52	1 7	7 33	2 31	16 47	0 22	22 5	1 16	12 35	10 13	0 4	0 21	18 12	6 28	3 29
S 9	22 8	15 20	4 13	22 10	2 6	21 40	1 11	20 23	0 20	8 53	1 8	7 34	2 31	16 47	0 22	22 5	1 16	12 35	10 13	0 2	0 20	18 12	6 29	3 29
M10	21 59	17 25	4 47	21 46	2 4	21 26	1 12	20 31	0 20	8 55	1 8	7 35	2 30	16 48	0 22	22 5	1 16	12 35	10 12	0n 1	0 19	18 12	6 29	3 29
T 11	21 50	18 21	5 2	21 21	2 1	21 11	1 14	20 39	0 19	8 56	1 8	7 35	2 30	16 49	0 22	22 5	1 16	12 35	10 12	0 5	0 17	18 13	6 30	3 29
W12	21 41	17 59	4 55	20 55	1 58	20 56	1 15	20 47	0 18	8 57	1 9	7 36	2 30	16 49	0 22	22 5	1 16	12 35	10 12	0 9	0 16	18 13	6 31	3 29
T 13	21 31	16 20	4 28	20 27	1 54	20 40	1 16	20 55	0 18	8 59	1 9	7 37	2 30	16 50	0 22	22 5	1 16	12 35	10 12	0 13	0 15	18 13	6 31	3 30
F 14	21 21	13 35	3 43	19 58	1 50	20 23	1 18	21 2	0 17	9 0	1 9	7 38	2 29	16 50	0 22	22 5	1 16	12 36	10 12	0 17	0 14	18 13	6 32	3 30
S 15	21 10	10 3	2 43	19 27	1 44	20 6	1 19	21 10	0 17	9 2	1 9	7 39	2 29	16 51	0 22	22 6	1 16	12 36	10 12	0 19	0 12	18 13	6 32	3 30
S 16	20 59	6 2	1 36	18 56	1 38	19 48	1 20	21 17	0 16	9 4	1 10	7 40	2 29	16 51	0 22	22 6	1 16	12 36	10 11	0 21	0 11	18 13	6 33	3 30
M17	20 47	1 49	0 25	18 23	1 32	19 30	1 21	21 24	0 15	9 6	1 10	7 41	2 28	16 52	0 22	22 6	1 16	12 36	10 11	0 22	0 10	18 13	6 33	3 30
T 18	20 35	2n19	0s45	17 50	1 24	19 11	1 22	21 31	0 15	9 7	1 10	7 42	2 28	16 52	0 22	22 6	1 16	12 36	10 11	0 22	0 9	18 14	6 33	3 30
W19	20 23	6 14	1 51	17 16	1 16	18 52	1 23	21 38	0 14	9 9	1 10	7 43	2 28	16 53	0 22	22 6	1 16	12 36	10 11	0 21	0 7	18 14	6 34	3 30
T 20	20 11	9 45	2 50	16 41	1 6	18 32	1 24	21 45	0 13	9 11	1 10	7 44	2 28	16 53	0 22	22 6	1 16	12 36	10 11	0 21	0 6	18 14	6 34	3 30
F 21	19 58	12 48	3 40	16 6	0 56	18 11	1 25	21 51	0 13	9 13	1 11	7 46	2 27	16 54	0 22	22 6	1 16	12 36	10 10	0 22	0 5	18 14	6 34	3 30
S 22	19 44	15 14	4 19	15 30	0 45	17 50	1 26	21 57	0 12	9 15	1 11	7 47	2 27	16 54	0 22	22 6	1 16	12 36	10 10	0 23	0 4	18 14	6 34	3 30
S 23	19 30	17 1	4 47	14 55	0 33	17 29	1 27	22 3	0 11	9 17	1 11	7 48	2 27	16 55	0 22	22 6	1 16	12 37	10 10	0 25	0 2	18 14	6 34	3 30
M24	19 16	18 4	5 2	14 21	0 20	17 7	1 28	22 9	0 10	9 20	1 11	7 49	2 26	16 55	0 22	22 6	1 16	12 37	10 10	0 29	0 1	18 14	6 34	3 31
T 25	19 2	18 19	5 4	13 47	0 6	16 44	1 28	22 15	0 10	9 22	1 12	7 51	2 26	16 56	0 22	22 6	1 16	12 37	10 10	0 33	0n 0	18 14	6 34	3 31
W26	18 47	17 46	4 54	13 14	0n 8	16 21	1 29	22 20	0 9	9 24	1 12	7 52	2 26	16 56	0 22	22 6	1 16	12 37	10 9	0 37	0 1	18 15	6 34	3 31
T 27	18 32	16 26	4 30	12 43	0 24	15 58	1 29	22 26	0 8	9 26	1 12	7 53	2 26	16 56	0 22	22 6	1 16	12 37	10 9	0 41	0 3	18 15	6 34	3 31
F 28	18 16	14 20	3 53	12 14	0 40	15 34	1 30	22 31	0 8	9 29	1 12	7 55	2 25	16 57	0 22	22 6	1 16	12 37	10 9	0 45	0 4	18 15	6 34	3 31
S 29	18 0	11 35	3 5	11 48	0 57	15 10	1 30	22 36	0 7	9 31	1 12	7 56	2 25	16 57	0 22	22 6	1 17	12 37	10 9	0 48	0 5	18 15	6 33	3 31
S 30	17 44	8 16	2 8	11 24	1 14	14 45	1 30	22 41	0 6	9 34	1 13	7 58	2 25	16 57	0 22	22 6	1 17	12 38	10 9	0 50	0 6	18 15	6 33	3 31
M31	17s28	4n33	1s 4	11s 4	1n32	14s20	1s31	22s45	0n 5	9n36	1n13	7n59	2s25	16s58	0n23	22s 6	1n17	12n38	10s 8	0n51	0n 8	18n15	6s33	3s31

Julian Day Number = 2504870.5, Delta T = 118.96 sec
Ecliptic obliquity = 23°25'03, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°46'49, Lahiri = 25°53'50

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ASTRODIENST EPHEMERIS for the year 2146
geocentric

FEBRUARY 2146 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 37	11♒59'38	28♍48	27°R 0	27♒ 2	18♐18	8°R 7	26♈37	18♏33	26♐43	16°R20	27°D51	29♍37	27♊25	8°R21	T 1
W 2	8 48 34	13° 0'32	11♎49	26♒48	28°17	18°58	8♍ 1	26°41	18°34	26°45	16♊20	27♍51	29°34	27°32	8♎19	W 2
T 3	8 52 30	14° 1'27	25° 5	26°25	29°32	19°39	7°54	26°45	18°35	26°47	16°19	27°53	29°31	27°39	8°18	T 3
F 4	8 56 27	15° 2'20	8♏38	25°52	0♓47	20°19	7°47	26°49	18°36	26°48	16°19	27°R54	29°28	27°46	8°17	F 4
S 5	9 0 23	16° 3'13	22°30	25° 8	2° 2	21° 0	7°41	26°53	18°37	26°50	16°18	27°54	29°25	27°52	8°15	S 5
S 6	9 4 20	17° 4'05	6♐40	24°15	3°17	21°40	7°34	26°57	18°38	26°52	16°18	27°52	29°21	27°59	8°13	S 6
M 7	9 8 17	18° 4'56	21° 7	23°15	4°32	22°21	7°27	27° 1	18°38	26°53	16°17	27°49	29°18	28° 6	8°12	M 7
T 8	9 12 13	19° 5'47	5♑48	22° 8	5°47	23° 2	7°19	27° 5	18°39	26°55	16°17	27°44	29°15	28°13	8°10	T 8
W 9	9 16 10	20° 6'36	20°36	20°58	7° 2	23°42	7°12	27°10	18°40	26°56	16°16	27°38	29°12	28°19	8° 8	W 9
T 10	9 20 6	21° 7'25	5♒25	19°46	8°17	24°23	7° 5	27°14	18°41	26°58	16°16	27°32	29° 9	28°26	8° 6	T 10
F 11	9 24 3	22° 8'12	20° 6	18°34	9°32	25° 3	6°58	27°19	18°41	26°59	16°15	27°27	29° 6	28°33	8° 3	F 11
S 12	9 27 59	23° 8'58	4♓31	17°25	10°47	25°44	6°50	27°23	18°42	27° 1	16°15	27°23	29° 2	28°39	8° 1	S 12
S 13	9 31 56	24° 9'43	18°35	16°19	12° 2	26°25	6°43	27°28	18°42	27° 2	16°15	27°22	28°59	28°46	7°59	S 13
M14	9 35 52	25°10'26	2♈15	15°18	13°17	27° 5	6°35	27°33	18°43	27° 4	16°14	27°D21	28°56	28°53	7°56	M14
T 15	9 39 49	26°11'07	15°29	14°23	14°31	27°46	6°27	27°38	18°43	27° 5	16°14	27°22	28°53	29° 0	7°53	T 15
W16	9 43 45	27°11'47	28°19	13°35	15°46	28°27	6°20	27°43	18°44	27° 6	16°14	27°24	28°50	29° 6	7°51	W16
T 17	9 47 42	28°12'26	10♉49	12°55	17° 1	29° 7	6°12	27°48	18°44	27° 8	16°13	27°26	28°46	29°13	7°48	T 17
F 18	9 51 39	29°13'02	23° 2	12°23	18°16	29°48	6° 4	27°53	18°44	27° 9	16°13	27°27	28°43	29°20	7°45	F 18
S 19	9 55 35	0♓13'37	5♊ 3	11°58	19°31	0♑29	5°56	27°58	18°44	27°10	16°13	27°R27	28°40	29°27	7°42	S 19
S 20	9 59 32	1°14'10	16°57	11°41	20°45	1° 9	5°48	28° 3	18°44	27°12	16°13	27°26	28°37	29°33	7°39	S 20
M21	10 3 28	2°14'42	28°49	11°32	22° 0	1°50	5°41	28° 8	18°44	27°13	16°13	27°23	28°34	29°40	7°36	M21
T 22	10 7 25	3°15'12	10♋43	11°D30	23°15	2°31	5°33	28°14	18°R44	27°14	16°12	27°20	28°31	29°47	7°32	T 22
W23	10 11 21	4°15'40	22°42	11°35	24°29	3°11	5°25	28°19	18°44	27°15	16°12	27°16	28°27	29°53	7°29	W23
T 24	10 15 18	5°16'06	4♌50	11°46	25°44	3°52	5°17	28°25	18°44	27°16	16°12	27°12	28°24	0♋ 0	7°26	T 24
F 25	10 19 14	6°16'30	17° 9	12° 3	26°58	4°33	5° 9	28°30	18°44	27°17	16°12	27° 9	28°21	0° 7	7°22	F 25
S 26	10 23 11	7°16'53	29°41	12°26	28°13	5°14	5° 1	28°36	18°44	27°18	16°12	27° 6	28°18	0°14	7°18	S 26
S 27	10 27 8	8°17'14	12♍25	12°54	29°27	5°55	4°53	28°42	18°44	27°19	16°12	27° 4	28°15	0°20	7°15	S 27
M28	10 31 4	9♓17'33	25♍23	13♒27	0♈42	6♑35	4♍45	28♈48	18♏43	27♐20	16♊12	27°D 4	28♍11	0♋27	7♎11	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s11	0n33	0n 5	10s47	1n49	13s55	1s31	22s50	0n 5	9n39	1n13	8n 1	2s24	16s58	0n23	22s 6	1n17	12n38	10s 8	0n51	0n 9	18n15	6s32	3s31
W 2	16 54	3s31	1 15	10 35	2 7	13 29	1 31	22 54	0 4	9 41	1 13	8 2	2 24	16 58	0 23	22 6	1 17	12 38	10 8	0 51	0 10	18 15	6 32	3 31
T 3	16 36	7 30	2 22	10 27	2 23	13 3	1 31	22 58	0 3	9 44	1 13	8 4	2 24	16 59	0 23	22 6	1 17	12 38	10 8	0 51	0 12	18 15	6 31	3 31
F 4	16 19	11 10	3 23	10 23	2 39	12 36	1 31	23 2	0 2	9 47	1 14	8 6	2 24	16 59	0 23	22 6	1 17	12 38	10 7	0 50	0 13	18 15	6 31	3 31
S 5	16 1	14 18	4 13	10 24	2 54	12 9	1 31	23 5	0 1	9 49	1 14	8 7	2 23	16 59	0 23	22 6	1 17	12 39	10 7	0 50	0 14	18 15	6 30	3 31
S 6	15 42	16 39	4 49	10 29	3 7	11 42	1 31	23 9	0 1	9 52	1 14	8 9	2 23	16 59	0 23	22 6	1 17	12 39	10 7	0 51	0 15	18 16	6 30	3 31
M 7	15 24	18 0	5 8	10 38	3 18	11 15	1 30	23 12	0s 0	9 55	1 14	8 11	2 23	17 0	0 23	22 6	1 17	12 39	10 7	0 52	0 17	18 16	6 29	3 31
T 8	15 5	18 11	5 7	10 51	3 28	10 47	1 30	23 15	0 1	9 58	1 14	8 12	2 23	17 0	0 23	22 6	1 17	12 39	10 6	0 54	0 18	18 16	6 28	3 31
W 9	14 46	17 8	4 46	11 6	3 34	10 19	1 30	23 18	0 2	10 1	1 15	8 14	2 22	17 0	0 23	22 6	1 17	12 39	10 6	0 56	0 19	18 16	6 27	3 31
T 10	14 27	14 56	4 5	11 24	3 39	9 50	1 29	23 20	0 3	10 4	1 15	8 16	2 22	17 0	0 23	22 6	1 17	12 40	10 6	0 59	0 20	18 16	6 27	3 31
F 11	14 7	11 47	3 9	11 45	3 41	9 22	1 29	23 23	0 3	10 6	1 15	8 18	2 22	17 0	0 23	22 6	1 17	12 40	10 6	1 1	0 22	18 16	6 26	3 31
S 12	13 47	7 58	2 1	12 6	3 40	8 53	1 28	23 25	0 4	10 9	1 15	8 20	2 22	17 0	0 23	22 6	1 17	12 40	10 6	1 2	0 23	18 16	6 25	3 31
S 13	13 27	3 47	0 48	12 28	3 38	8 24	1 28	23 27	0 5	10 12	1 15	8 22	2 21	17 1	0 23	22 6	1 17	12 40	10 5	1 3	0 24	18 16	6 24	3 31
M14	13 7	0n29	0s27	12 50	3 33	7 54	1 27	23 29	0 6	10 15	1 15	8 24	2 21	17 1	0 23	22 6	1 17	12 40	10 5	1 3	0 25	18 16	6 23	3 31
T 15	12 47	4 35	1 38	13 12	3 27	7 25	1 26	23 31	0 7	10 18	1 15	8 26	2 21	17 1	0 23	22 6	1 17	12 41	10 5	1 3	0 27	18 16	6 22	3 31
W16	12 26	8 21	2 41	13 34	3 18	6 55	1 25	23 32	0 8	10 21	1 16	8 28	2 21	17 1	0 23	22 6	1 17	12 41	10 5	1 2	0 28	18 16	6 21	3 31
T 17	12 5	11 38	3 36	13 54	3 9	6 25	1 24	23 33	0 9	10 24	1 16	8 30	2 20	17 1	0 23	22 6	1 17	12 41	10 4	1 1	0 29	18 16	6 20	3 31
F 18	11 44	14 20	4 19	14 13	2 58	5 55	1 23	23 34	0 9	10 27	1 16	8 32	2 20	17 1	0 23	22 6	1 17	12 41	10 4	1 1	0 30	18 16	6 18	3 31
S 19	11 23	16 22	4 50	14 31	2 47	5 25	1 22	23 35	0 10	10 30	1 16	8 34	2 20	17 1	0 23	22 6	1 17	12 42	10 4	1 1	0 32	18 16	6 17	3 31
S 20	11 2	17 40	5 9	14 47	2 35	4 54	1 21	23 36	0 11	10 33	1 16	8 36	2 20	17 1	0 23	22 6	1 17	12 42	10 4	1 1	0 33	18 16	6 16	3 31
M21	10 40	18 11	5 14	15 1	2 23	4 24	1 20	23 36	0 12	10 36	1 16	8 38	2 20	17 1	0 23	22 6	1 17	12 42	10 3	1 2	0 34	18 16	6 15	3 31
T 22	10 18	17 55	5 5	15 14	2 10	3 53	1 19	23 37	0 13	10 39	1 16	8 40	2 19	17 1	0 23	22 6	1 17	12 42	10 3	1 4	0 36	18 16	6 13	3 31
W23	9 56	16 51	4 44	15 25	1 57	3 23	1 18	23 37	0 14	10 42	1 16	8 42	2 19	17 1	0 23	22 6	1 17	12 42	10 3	1 5	0 37	18 16	6 12	3 31
T 24	9 34	15 0	4 9	15 35	1 44	2 52	1 16	23 36	0 15	10 45	1 16	8 44	2 19	17 1	0 23	22 6	1 17	12 43	10 3	1 7	0 38	18 16	6 10	3 31
F 25	9 12	12 28	3 22	15 42	1 31	2 21	1 15	23 36	0 16	10 48	1 16	8 46	2 19	17 1	0 23	22 6	1 17	12 43	10 2	1 8	0 39	18 16	6 9	3 31
S 26	8 50	9 18	2 25	15 48	1 18	1 50	1 13	23 36	0 17	10 51	1 16	8 49	2 19	17 1	0 23	22 6	1 17	12 43	10 2	1 9	0 41	18 17	6 7	3 31
S 27	8 27	5 40	1 20	15 52	1 6	1 19	1 12	23 35	0 18	10 54	1 17	8 51	2 18	17 1	0 23	22 6	1 17	12 43	10 2	1 10	0 42	18 17	6 6	3 31
M28	8s 5	1n41	0s 9	15s55	0n53	0s48	1s10	23s34	0s19	10n57	1n17	8n53	2s18	17s 1	0n23	22s 6	1n17	12n44	10s 1	1n10	0n43	18n17	6s 4	3s30

Julian Day Number = 2504901.5, Delta T = 119.02 sec
Ecliptic obliquity = 23°25'04, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°46'54, Lahiri = 25°53'54

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ASTRODIENST EPHEMERIS for the year 2146
geocentric

MARCH 2146 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 1	10♓17'51	8♎34	14♒ 5	1♈56	7♑16	4°R38	28♈54	18°R43	27♐21	16°D12	27♍ 4	28♍ 8	0♋34	7°R 7	T 1
W 2	10 38 57	11°18'07	21°58	14°46	3°10	7°57	4♍30	29° 0	18♏43	27°22	16♊12	27° 5	28° 5	0°40	7♎ 3	W 2
T 3	10 42 54	12°18'22	5♏33	15°32	4°25	8°38	4°22	29° 6	18°42	27°23	16°12	27° 6	28° 2	0°47	6°59	T 3
F 4	10 46 50	13°18'35	19°20	16°21	5°39	9°19	4°14	29°12	18°42	27°24	16°12	27° 7	27°59	0°54	6°55	F 4
S 5	10 50 47	14°18'47	3♐18	17°13	6°53	10° 0	4° 7	29°18	18°41	27°25	16°12	27° 8	27°56	1° 1	6°51	S 5
S 6	10 54 43	15°18'57	17°24	18° 9	8° 7	10°40	3°59	29°24	18°40	27°26	16°12	27°R 8	27°52	1° 7	6°47	S 6
M 7	10 58 40	16°19'06	1♑39	19° 7	9°22	11°21	3°51	29°30	18°40	27°27	16°12	27° 8	27°49	1°14	6°43	M 7
T 8	11 2 37	17°19'13	15°58	20° 9	10°36	12° 2	3°44	29°36	18°39	27°27	16°12	27° 7	27°46	1°21	6°39	T 8
W 9	11 6 33	18°19'19	0♒19	21°12	11°50	12°43	3°36	29°43	18°38	27°28	16°13	27° 6	27°43	1°28	6°34	W 9
T 10	11 10 30	19°19'23	14°38	22°18	13° 4	13°24	3°29	29°49	18°37	27°29	16°13	27° 5	27°40	1°34	6°30	T 10
F 11	11 14 26	20°19'25	28°51	23°26	14°18	14° 5	3°22	29°56	18°36	27°29	16°13	27° 4	27°37	1°41	6°25	F 11
S 12	11 18 23	21°19'26	12♓52	24°37	15°32	14°46	3°14	0♉ 2	18°35	27°30	16°13	27° 4	27°33	1°48	6°21	S 12
S 13	11 22 19	22°19'24	26°38	25°49	16°46	15°27	3° 7	0° 9	18°34	27°31	16°14	27°D 4	27°30	1°54	6°16	S 13
M14	11 26 16	23°19'21	10♈ 6	27° 3	18° 0	16° 8	3° 0	0°15	18°33	27°31	16°14	27° 4	27°27	2° 1	6°12	M14
T 15	11 30 12	24°19'16	23°14	28°19	19°14	16°49	2°53	0°22	18°32	27°32	16°14	27° 4	27°24	2° 8	6° 7	T 15
W16	11 34 9	25°19'09	6♉ 3	29°37	20°28	17°30	2°46	0°29	18°31	27°32	16°14	27° 4	27°21	2°15	6° 3	W16
T 17	11 38 6	26°18'59	18°35	0♓56	21°41	18°10	2°40	0°36	18°30	27°33	16°15	27° 5	27°17	2°21	5°58	T 17
F 18	11 42 2	27°18'48	0♊50	2°17	22°55	18°51	2°33	0°42	18°29	27°33	16°15	27°R 5	27°14	2°28	5°53	F 18
S 19	11 45 59	28°18'34	12°54	3°40	24° 9	19°32	2°26	0°49	18°27	27°33	16°16	27° 4	27°11	2°35	5°49	S 19
S 20	11 49 55	29°18'18	24°50	5° 4	25°23	20°13	2°20	0°56	18°26	27°34	16°16	27°D 4	27° 8	2°41	5°44	S 20
M21	11 53 52	0♈18'00	6♋43	6°30	26°36	20°54	2°14	1° 3	18°25	27°34	16°16	27° 4	27° 5	2°48	5°39	M21
T 22	11 57 48	1°17'39	18°37	7°57	27°50	21°35	2° 8	1°10	18°23	27°34	16°17	27° 5	27° 2	2°55	5°34	T 22
W23	12 1 45	2°17'17	0♌37	9°25	29° 3	22°16	2° 2	1°17	18°22	27°35	16°17	27° 5	26°58	3° 2	5°30	W23
T 24	12 5 41	3°16'52	12°48	10°55	0♉17	22°57	1°56	1°24	18°20	27°35	16°18	27° 6	26°55	3° 8	5°25	T 24
F 25	12 9 38	4°16'25	25°12	12°26	1°30	23°38	1°50	1°31	18°19	27°35	16°18	27° 6	26°52	3°15	5°20	F 25
S 26	12 13 34	5°15'55	7♍54	13°59	2°44	24°19	1°44	1°38	18°17	27°35	16°19	27° 7	26°49	3°22	5°15	S 26
S 27	12 17 31	6°15'24	20°53	15°32	3°57	25° 0	1°39	1°45	18°16	27°35	16°19	27°R 7	26°46	3°29	5°11	S 27
M28	12 21 28	7°14'50	4♎11	17° 8	5°10	25°41	1°34	1°53	18°14	27°35	16°20	27° 7	26°43	3°35	5° 6	M28
T 29	12 25 24	8°14'14	17°47	18°44	6°23	26°22	1°29	2° 0	18°12	27°35	16°21	27° 7	26°39	3°42	5° 1	T 29
W30	12 29 21	9°13'36	1♏38	20°22	7°36	27° 3	1°24	2° 7	18°11	27°R35	16°21	27° 6	26°36	3°49	4°56	W30
T 31	12 33 17	10♈12'57	15♏42	22♓ 2	8♉49	27♑44	1♍19	2♉14	18♏ 9	27♐35	16♊22	27♍ 4	26♍33	3♋55	4♎52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s42	2s26	1n 3	15s56	0n41	0s17	1s 8	23s33	0s20	11n 0	1n17	8n55	2s18	17s 1	0n23	22s 6	1n17	12n44	10s 1	1n10	0n44	18n17	6s 3	3s30
W 2	7 19	6 29	2 13	15 55	0 30	0n14	1 7	23 31	0 21	11 3	1 17	8 57	2 18	17 0	0 23	22 6	1 17	12 44	10 1	1 9	0 46	18 17	6 1	3 30
T 3	6 56	10 16	3 17	15 53	0 18	0 46	1 5	23 30	0 22	11 6	1 17	9 0	2 18	17 0	0 23	22 6	1 17	12 44	10 1	1 9	0 47	18 17	5 59	3 30
F 4	6 33	13 32	4 10	15 49	0 7	1 17	1 3	23 28	0 23	11 8	1 17	9 2	2 17	17 0	0 23	22 6	1 18	12 45	10 0	1 9	0 48	18 17	5 57	3 30
S 5	6 10	16 3	4 50	15 43	0s 4	1 48	1 1	23 26	0 24	11 11	1 17	9 4	2 17	17 0	0 23	22 6	1 18	12 45	10 0	1 8	0 49	18 17	5 56	3 30
S 6	5 47	17 39	5 12	15 36	0 14	2 19	0 59	23 24	0 25	11 14	1 17	9 7	2 17	17 0	0 23	22 6	1 18	12 45	10 0	1 8	0 51	18 17	5 54	3 30
M 7	5 24	18 9	5 16	15 28	0 24	2 50	0 57	23 21	0 26	11 17	1 17	9 9	2 17	17 0	0 23	22 6	1 18	12 46	10 0	1 8	0 52	18 17	5 52	3 29
T 8	5 0	17 30	5 0	15 18	0 34	3 21	0 55	23 19	0 27	11 20	1 17	9 11	2 17	16 59	0 23	22 6	1 18	12 46	9 59	1 9	0 53	18 17	5 50	3 29
W 9	4 37	15 45	4 25	15 6	0 43	3 52	0 53	23 16	0 28	11 22	1 17	9 14	2 17	16 59	0 23	22 6	1 18	12 46	9 59	1 9	0 54	18 17	5 48	3 29
T 10	4 13	13 1	3 34	14 53	0 52	4 23	0 51	23 13	0 29	11 25	1 17	9 16	2 16	16 59	0 23	22 6	1 18	12 46	9 59	1 9	0 56	18 17	5 46	3 29
F 11	3 50	9 31	2 30	14 39	1 0	4 53	0 49	23 10	0 30	11 28	1 17	9 19	2 16	16 59	0 23	22 6	1 18	12 47	9 59	1 10	0 57	18 17	5 44	3 29
S 12	3 26	5 32	1 18	14 23	1 8	5 24	0 46	23 7	0 31	11 30	1 17	9 21	2 16	16 58	0 23	22 6	1 18	12 47	9 58	1 10	0 58	18 16	5 42	3 28
S 13	3 3	1 18	0 2	14 6	1 16	5 54	0 44	23 3	0 32	11 33	1 17	9 23	2 16	16 58	0 23	22 6	1 18	12 47	9 58	1 10	1 0	18 16	5 41	3 28
M14	2 39	2n54	1s12	13 47	1 23	6 25	0 42	22 59	0 33	11 35	1 17	9 26	2 16	16 58	0 23	22 6	1 18	12 47	9 58	1 10	1 1	18 16	5 38	3 28
T 15	2 15	6 51	2 20	13 27	1 30	6 55	0 39	22 55	0 34	11 38	1 17	9 28	2 16	16 58	0 23	22 6	1 18	12 48	9 58	1 10	1 2	18 16	5 36	3 28
W16	1 52	10 23	3 20	13 6	1 37	7 25	0 37	22 51	0 35	11 40	1 17	9 31	2 15	16 57	0 23	22 6	1 18	12 48	9 57	1 10	1 3	18 16	5 34	3 27
T 17	1 28	13 21	4 9	12 44	1 43	7 55	0 34	22 47	0 36	11 43	1 17	9 33	2 15	16 57	0 23	22 6	1 18	12 48	9 57	1 10	1 5	18 16	5 32	3 27
F 18	1 4	15 40	4 45	12 20	1 48	8 25	0 32	22 42	0 37	11 45	1 17	9 36	2 15	16 57	0 23	22 6	1 18	12 49	9 57	1 10	1 6	18 16	5 30	3 27
S 19	0 40	17 14	5 8	11 55	1 53	8 54	0 29	22 38	0 38	11 47	1 17	9 38	2 15	16 56	0 23	22 6	1 18	12 49	9 57	1 10	1 7	18 16	5 28	3 27
S 20	0 17	18 2	5 17	11 29	1 58	9 24	0 26	22 33	0 39	11 50	1 17	9 41	2 15	16 56	0 23	22 6	1 18	12 49	9 56	1 10	1 8	18 16	5 26	3 26
M21	0n 7	18 3	5 13	11 1	2 2	9 53	0 24	22 28	0 41	11 52	1 17	9 43	2 15	16 55	0 23	22 6	1 18	12 49	9 56	1 10	1 10	18 16	5 24	3 26
T 22	0 31	17 15	4 55	10 32	2 6	10 22	0 21	22 23	0 42	11 54	1 17	9 46	2 15	16 55	0 23	22 6	1 18	12 50	9 56	1 10	1 11	18 16	5 22	3 26
W23	0 55	15 41	4 25	10 2	2 10	10 50	0 18	22 17	0 43	11 56	1 17	9 48	2 15	16 55	0 23	22 6	1 18	12 50	9 56	1 10	1 12	18 16	5 19	3 25
T 24	1 18	13 24	3 42	9 31	2 13	11 19	0 16	22 11	0 44	11 58	1 16	9 51	2 14	16 54	0 23	22 6	1 18	12 50	9 55	1 9	1 13	18 16	5 17	3 25
F 25	1 42	10 28	2 48	8 58	2 15	11 47	0 13	22 6	0 45	12 0	1 16	9 53	2 14	16 54	0 23	22 5	1 18	12 51	9 55	1 9	1 15	18 16	5 15	3 25
S 26	2 5	6 59	1 45	8 25	2 17	12 15	0 10	22 0	0 46	12 2	1 16	9 56	2 14	16 53	0 23	22 5	1 18	12 51	9 55	1 9	1 16	18 16	5 13	3 24
S 27	2 29	3 5	0 35	7 50	2 19	12 43	0 7	21 54	0 48	12 4	1 16	9 59	2 14	16 53	0 23	22 5	1 18	12 51	9 55	1 9	1 17	18 16	5 11	3 24
M28	2 52	1s 4	0n39	7 14	2 20	13 10	0 4	21 47	0 49	12 6	1 16	10 1	2 14	16 52	0 23	22 5	1 18	12 52	9 54	1 9	1 18	18 16	5 8	3 24
T 29	3 16	5 15	1 52	6 37	2 21	13 37	0 1	21 41	0 50	12 7	1 16	10 4	2 14	16 52	0 23	22 5	1 18	12 52	9 54	1 9	1 20	18 16	5 6	3 23
W30	3 39	9 13	3 0	5 59	2 21	14 3	0n 1	21 34	0 51	12 9	1 16	10 6	2 14	16 51	0 23	22 5	1 18	12 52	9 54	1 9	1 21	18 16	5 4	3 23
T 31	4n 3	12s44	3n57	5s19	2s21	14n30	0n 4	21s27	0s52	12n11	1n16	10n 9	2s14	16s51	0n23	22s 5	1n19	12n52	9s54	1n10	1n22	18n16	5s 2	3s23

Julian Day Number = 2504929.5, Delta T = 119.07 sec
Ecliptic obliquity = 23°25'04, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°46'57, Lahiri = 25°53'58

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ASTRODIENST EPHEMERIS for the year 2146
geocentric

APRIL 2146 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 37 14	11♈12'15	29♏54	23♓42	10♉ 3	28♊25	1°R14	2♉22	18°R 7	27°R35	16♊23	27°R 2	26♍30	4♋ 2	4°R47	F 1
S 2	12 41 10	12°11'32	14♐10	25°24	11°16	29° 6	1♍10	2°29	18♏ 5	27♐35	16°23	27♍ 1	26°27	4° 9	4♎42	S 2
S 3	12 45 7	13°10'47	28°27	27° 8	12°28	29°47	1° 5	2°36	18° 3	27°35	16°24	27° 0	26°23	4°16	4°37	S 3
M 4	12 49 3	14°10'01	12♊42	28°52	13°41	0♒28	1° 1	2°44	18° 1	27°35	16°25	26°D59	26°20	4°22	4°33	M 4
T 5	12 53 0	15° 9'13	26°51	0♈39	14°54	1° 9	0°57	2°51	17°59	27°35	16°25	26°59	26°17	4°29	4°28	T 5
W 6	12 56 57	16° 8'22	10♒54	2°26	16° 7	1°50	0°53	2°59	17°57	27°35	16°26	27° 0	26°14	4°36	4°23	W 6
T 7	13 0 53	17° 7'31	24°47	4°15	17°20	2°30	0°49	3° 6	17°55	27°34	16°27	27° 2	26°11	4°42	4°19	T 7
F 8	13 4 50	18° 6'37	8♓31	6° 6	18°32	3°11	0°46	3°14	17°53	27°34	16°28	27° 3	26° 8	4°49	4°14	F 8
S 9	13 8 46	19° 5'41	22° 4	7°58	19°45	3°52	0°43	3°21	17°51	27°34	16°28	27°R 4	26° 4	4°56	4°10	S 9
S 10	13 12 43	20° 4'44	5♈25	9°51	20°57	4°33	0°39	3°29	17°49	27°33	16°29	27° 4	26° 1	5° 3	4° 5	S 10
M11	13 16 39	21° 3'44	18°32	11°46	22°10	5°14	0°36	3°36	17°47	27°33	16°30	27° 2	25°58	5° 9	4° 1	M11
T 12	13 20 36	22° 2'43	1♉26	13°42	23°22	5°55	0°34	3°44	17°45	27°33	16°31	27° 0	25°55	5°16	3°56	T 12
W13	13 24 32	23° 1'40	14° 5	15°40	24°35	6°36	0°31	3°51	17°42	27°32	16°32	26°56	25°52	5°23	3°52	W13
T 14	13 28 29	24° 0'34	26°31	17°39	25°47	7°17	0°29	3°59	17°40	27°32	16°33	26°51	25°48	5°30	3°48	T 14
F 15	13 32 26	24°59'26	8♊44	19°39	26°59	7°58	0°26	4° 6	17°38	27°31	16°34	26°47	25°45	5°36	3°43	F 15
S 16	13 36 22	25°58'17	20°47	21°41	28°11	8°39	0°24	4°14	17°36	27°31	16°35	26°42	25°42	5°43	3°39	S 16
S 17	13 40 19	26°57'05	2♋43	23°43	29°23	9°19	0°22	4°22	17°33	27°30	16°35	26°39	25°39	5°50	3°35	S 17
M18	13 44 15	27°55'51	14°35	25°47	0♊36	10° 0	0°21	4°29	17°31	27°29	16°36	26°36	25°36	5°56	3°31	M18
T 19	13 48 12	28°54'34	26°29	27°53	1°47	10°41	0°19	4°37	17°29	27°29	16°37	26°D35	25°33	6° 3	3°27	T 19
W20	13 52 8	29°53'16	8♌28	29°59	2°59	11°22	0°18	4°45	17°26	27°28	16°38	26°36	25°29	6°10	3°23	W20
T 21	13 56 5	0♉51'55	20°37	2♉ 5	4°11	12° 2	0°17	4°52	17°24	27°28	16°39	26°37	25°26	6°17	3°19	T 21
F 22	14 0 1	1°50'32	3♍ 2	4°12	5°23	12°43	0°16	5° 0	17°22	27°27	16°40	26°39	25°23	6°23	3°15	F 22
S 23	14 3 58	2°49'06	15°46	6°20	6°35	13°24	0°15	5° 8	17°19	27°26	16°41	26°40	25°20	6°30	3°12	S 23
S 24	14 7 54	3°47'39	28°53	8°28	7°46	14° 5	0°15	5°15	17°17	27°25	16°42	26°R41	25°17	6°37	3° 8	S 24
M25	14 11 51	4°46'09	12♎24	10°35	8°58	14°45	0°14	5°23	17°14	27°24	16°44	26°40	25°14	6°43	3° 4	M25
T 26	14 15 48	5°44'38	26°19	12°43	10° 9	15°26	0°14	5°31	17°12	27°24	16°45	26°37	25°10	6°50	3° 1	T 26
W27	14 19 44	6°43'05	10♏34	14°49	11°21	16° 7	0°D14	5°38	17° 9	27°23	16°46	26°32	25° 7	6°57	2°57	W27
T 28	14 23 41	7°41'29	25° 6	16°54	12°32	16°47	0°14	5°46	17° 7	27°22	16°47	26°26	25° 4	7° 4	2°54	T 28
F 29	14 27 37	8°39'52	9♐47	18°58	13°43	17°28	0°15	5°54	17° 4	27°21	16°48	26°20	25° 1	7°10	2°51	F 29
S 30	14 31 34	9♉38'14	24♐29	21♉ 0	14♊54	18♒ 8	0♍15	6♉ 1	17♏ 2	27♐20	16♊49	26♍14	24♍58	7♋17	2♎48	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n26	15s32	4n41	4s39	2s21	14n56	0n 7	21s20	0s54	12n12	1n16	10n11	2s14	16s50	0n23	22s 5	1n19	12n53	9s53	1n11	1n23	18n15	5s 0	3s22
S 2	4 49	17 23	5 8	3 57	2 19	15 21	0 10	21 13	0 55	12 14	1 16	10 14	2 13	16 50	0 23	22 5	1 19	12 53	9 53	1 11	1 25	18 15	4 57	3 22
S 3	5 12	18 9	5 16	3 15	2 18	15 47	0 13	21 6	0 56	12 15	1 16	10 17	2 13	16 49	0 23	22 5	1 19	12 53	9 53	1 12	1 26	18 15	4 55	3 21
M 4	5 35	17 46	5 4	2 31	2 16	16 11	0 16	20 58	0 57	12 17	1 15	10 19	2 13	16 49	0 23	22 5	1 19	12 54	9 53	1 12	1 27	18 15	4 53	3 21
T 5	5 58	16 17	4 34	1 47	2 13	16 36	0 19	20 50	0 59	12 18	1 15	10 22	2 13	16 48	0 23	22 5	1 19	12 54	9 53	1 12	1 29	18 15	4 51	3 21
W 6	6 21	13 50	3 48	1 1	2 10	17 0	0 22	20 43	1 0	12 19	1 15	10 24	2 13	16 48	0 23	22 5	1 19	12 54	9 52	1 11	1 30	18 15	4 48	3 20
T 7	6 43	10 36	2 49	0 15	2 6	17 24	0 25	20 35	1 1	12 21	1 15	10 27	2 13	16 47	0 23	22 5	1 19	12 54	9 52	1 11	1 31	18 15	4 46	3 20
F 8	7 6	6 49	1 40	0n33	2 2	17 47	0 28	20 26	1 2	12 22	1 15	10 30	2 13	16 47	0 23	22 5	1 19	12 55	9 52	1 10	1 32	18 15	4 44	3 19
S 9	7 28	2 43	0 28	1 21	1 58	18 10	0 31	20 18	1 4	12 23	1 15	10 32	2 13	16 46	0 23	22 5	1 19	12 55	9 52	1 10	1 34	18 15	4 42	3 19
S 10	7 51	1n27	0s46	2 10	1 53	18 32	0 34	20 10	1 5	12 24	1 15	10 35	2 13	16 45	0 23	22 5	1 19	12 55	9 51	1 10	1 35	18 15	4 40	3 18
M11	8 13	5 29	1 55	3 0	1 47	18 54	0 37	20 1	1 6	12 25	1 15	10 37	2 13	16 45	0 23	22 5	1 19	12 56	9 51	1 11	1 36	18 14	4 37	3 18
T 12	8 35	9 11	2 58	3 51	1 41	19 15	0 40	19 52	1 8	12 26	1 15	10 40	2 13	16 44	0 23	22 5	1 19	12 56	9 51	1 12	1 37	18 14	4 35	3 17
W13	8 57	12 23	3 50	4 42	1 34	19 36	0 43	19 43	1 9	12 26	1 14	10 43	2 13	16 44	0 23	22 5	1 19	12 56	9 51	1 13	1 39	18 14	4 33	3 17
T 14	9 18	14 58	4 30	5 34	1 27	19 56	0 46	19 34	1 10	12 27	1 14	10 45	2 13	16 43	0 23	22 5	1 19	12 57	9 51	1 15	1 40	18 14	4 31	3 17
F 15	9 40	16 50	4 57	6 27	1 20	20 16	0 49	19 25	1 12	12 28	1 14	10 48	2 12	16 42	0 23	22 5	1 19	12 57	9 50	1 17	1 41	18 14	4 29	3 16
S 16	10 1	17 56	5 11	7 20	1 12	20 35	0 52	19 16	1 13	12 28	1 14	10 50	2 12	16 42	0 23	22 5	1 19	12 57	9 50	1 19	1 42	18 14	4 27	3 16
S 17	10 23	18 13	5 11	8 13	1 3	20 54	0 55	19 6	1 14	12 29	1 14	10 53	2 12	16 41	0 23	22 5	1 19	12 57	9 50	1 20	1 44	18 14	4 24	3 15
M18	10 44	17 41	4 57	9 7	0 54	21 12	0 58	18 57	1 16	12 29	1 14	10 56	2 12	16 40	0 23	22 5	1 19	12 58	9 50	1 21	1 45	18 14	4 22	3 15
T 19	11 5	16 24	4 31	10 1	0 45	21 30	1 1	18 47	1 17	12 30	1 14	10 58	2 12	16 40	0 23	22 4	1 19	12 58	9 50	1 21	1 46	18 14	4 20	3 14
W20	11 25	14 23	3 53	10 54	0 35	21 47	1 4	18 37	1 19	12 30	1 13	11 1	2 12	16 39	0 23	22 4	1 19	12 58	9 49	1 21	1 47	18 13	4 18	3 13
T 21	11 46	11 42	3 4	11 48	0 25	22 4	1 7	18 27	1 20	12 30	1 13	11 3	2 12	16 38	0 23	22 4	1 19	12 59	9 49	1 21	1 49	18 13	4 16	3 13
F 22	12 6	8 26	2 5	12 41	0 15	22 19	1 10	18 17	1 21	12 31	1 13	11 6	2 12	16 38	0 23	22 4	1 19	12 59	9 49	1 20	1 50	18 13	4 14	3 12
S 23	12 26	4 42	0 59	13 33	0 4	22 35	1 13	18 6	1 23	12 31	1 13	11 9	2 12	16 37	0 23	22 4	1 19	12 59	9 49	1 19	1 51	18 13	4 12	3 12
S 24	12 46	0 38	0n12	14 25	0n 6	22 50	1 15	17 56	1 24	12 31	1 13	11 11	2 12	16 36	0 23	22 4	1 19	12 59	9 49	1 19	1 52	18 13	4 10	3 11
M25	13 6	3s36	1 25	15 15	0 17	23 4	1 18	17 46	1 26	12 31	1 13	11 14	2 12	16 36	0 23	22 4	1 19	13 0	9 48	1 20	1 54	18 13	4 8	3 11
T 26	13 25	7 45	2 34	16 5	0 28	23 17	1 21	17 35	1 27	12 31	1 13	11 16	2 12	16 35	0 23	22 4	1 19	13 0	9 48	1 21	1 55	18 12	4 6	3 10
W27	13 45	11 34	3 35	16 53	0 39	23 30	1 24	17 24	1 29	12 31	1 12	11 19	2 12	16 34	0 23	22 4	1 19	13 0	9 48	1 23	1 56	18 12	4 5	3 10
T 28	14 4	14 45	4 24	17 40	0 49	23 42	1 26	17 13	1 30	12 30	1 12	11 21	2 12	16 34	0 23	22 4	1 19	13 0	9 48	1 25	1 58	18 12	4 3	3 9
F 29	14 23	17 1	4 56	18 24	1 0	23 54	1 29	17 2	1 32	12 30	1 12	11 24	2 12	16 33	0 23	22 4	1 19	13 1	9 48	1 27	1 59	18 12	4 1	3 8
S 30	14n41	18s10	5n 9	19n 7	1n10	24n 5	1n31	16s51	1s33	12n30	1n12	11n26	2s12	16s32	0n23	22s 4	1n19	13n 1	9s48	1n30	2n 0	18n12	3s59	3s 8

Julian Day Number = 2504960.5, Delta T = 119.12 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°47'02, Lahiri = 25°54'02

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ASTRODIENST EPHEMERIS for the year 2146
geocentric

MAY 2146 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 30	10♉36'34	9♑ 7	23♉ 1	16♊ 5	18♒49	0♍16	6♉ 9	16°R59	27°R19	16♊50	26°R 9	24♍54	7♋24	2°R45	S 1
M 2	14 39 27	11°34'52	23°33	24°59	17°16	19°29	0°17	6°17	16♏57	27♐18	16°51	26♍ 5	24°51	7°30	2♎42	M 2
T 3	14 43 23	12°33'09	7♒45	26°54	18°27	20°10	0°18	6°24	16°54	27°17	16°53	26°D 4	24°48	7°37	2°39	T 3
W 4	14 47 20	13°31'25	21°41	28°47	19°38	20°50	0°19	6°32	16°52	27°16	16°54	26° 4	24°45	7°44	2°36	W 4
T 5	14 51 17	14°29'38	5♓21	0♊37	20°48	21°31	0°21	6°39	16°49	27°15	16°55	26° 5	24°42	7°51	2°33	T 5
F 6	14 55 13	15°27'51	18°45	2°23	21°59	22°11	0°22	6°47	16°47	27°14	16°56	26° 6	24°39	7°57	2°30	F 6
S 7	14 59 10	16°26'02	1♈56	4° 6	23°10	22°51	0°24	6°55	16°44	27°13	16°57	26°R 6	24°35	8° 4	2°28	S 7
S 8	15 3 6	17°24'11	14°53	5°46	24°20	23°32	0°26	7° 2	16°42	27°12	16°58	26° 5	24°32	8°11	2°25	S 8
M 9	15 7 3	18°22'19	27°40	7°22	25°30	24°12	0°28	7°10	16°39	27°11	17° 0	26° 1	24°29	8°18	2°23	M 9
T 10	15 10 59	19°20'25	10♉15	8°54	26°41	24°52	0°30	7°17	16°37	27° 9	17° 1	25°54	24°26	8°24	2°21	T 10
W11	15 14 56	20°18'30	22°40	10°23	27°51	25°32	0°33	7°25	16°34	27° 8	17° 2	25°46	24°23	8°31	2°19	W11
T 12	15 18 52	21°16'33	4♊55	11°48	29° 1	26°13	0°36	7°32	16°31	27° 7	17° 3	25°35	24°20	8°38	2°17	T 12
F 13	15 22 49	22°14'35	17° 2	13° 8	0♋11	26°53	0°39	7°40	16°29	27° 6	17° 5	25°25	24°16	8°44	2°15	F 13
S 14	15 26 46	23°12'35	29° 1	14°25	1°21	27°33	0°42	7°47	16°26	27° 4	17° 6	25°14	24°13	8°51	2°13	S 14
S 15	15 30 42	24°10'33	10♋55	15°38	2°31	28°13	0°45	7°55	16°24	27° 3	17° 7	25° 5	24°10	8°58	2°11	S 15
M16	15 34 39	25° 8'29	22°45	16°46	3°40	28°52	0°48	8° 2	16°21	27° 2	17° 9	24°58	24° 7	9° 5	2° 9	M16
T 17	15 38 35	26° 6'24	4♌37	17°50	4°50	29°32	0°52	8°10	16°19	27° 1	17°10	24°54	24° 4	9°11	2° 8	T 17
W18	15 42 32	27° 4'17	16°34	18°50	5°59	0♓12	0°56	8°17	16°16	26°59	17°11	24°51	24° 0	9°18	2° 7	W18
T 19	15 46 28	28° 2'08	28°41	19°46	7° 9	0°52	0°59	8°25	16°14	26°58	17°13	24°D51	23°57	9°25	2° 5	T 19
F 20	15 50 25	28°59'57	11♍ 3	20°37	8°18	1°31	1° 3	8°32	16°12	26°57	17°14	24°51	23°54	9°31	2° 4	F 20
S 21	15 54 21	29°57'45	23°45	21°24	9°27	2°11	1° 8	8°39	16° 9	26°55	17°15	24°R52	23°51	9°38	2° 3	S 21
S 22	15 58 18	0♊55'31	6♎52	22° 6	10°36	2°51	1°12	8°47	16° 7	26°54	17°16	24°51	23°48	9°45	2° 2	S 22
M23	16 2 15	1°53'16	20°25	22°44	11°45	3°30	1°17	8°54	16° 4	26°52	17°18	24°49	23°45	9°52	2° 1	M23
T 24	16 6 11	2°50'58	4♏28	23°17	12°54	4° 9	1°21	9° 1	16° 2	26°51	17°19	24°44	23°41	9°58	2° 0	T 24
W25	16 10 8	3°48'40	18°57	23°46	14° 2	4°49	1°26	9° 8	15°59	26°49	17°21	24°36	23°38	10° 5	2° 0	W25
T 26	16 14 4	4°46'20	3♐47	24° 9	15°11	5°28	1°31	9°16	15°57	26°48	17°22	24°27	23°35	10°12	1°59	T 26
F 27	16 18 1	5°43'59	18°50	24°28	16°19	6° 7	1°36	9°23	15°55	26°47	17°23	24°17	23°32	10°18	1°59	F 27
S 28	16 21 57	6°41'37	3♑57	24°42	17°27	6°46	1°42	9°30	15°52	26°45	17°25	24° 7	23°29	10°25	1°59	S 28
S 29	16 25 54	7°39'13	18°56	24°51	18°35	7°25	1°47	9°37	15°50	26°44	17°26	23°59	23°25	10°32	1°58	S 29
M30	16 29 50	8°36'49	3♒40	24°R56	19°43	8° 4	1°53	9°44	15°48	26°42	17°27	23°53	23°22	10°39	1°D58	M30
T 31	16 33 47	9♊34'24	18♒ 4	24♊56	20♋51	8♓43	1♍58	9♉51	15♏46	26♐41	17♊29	23♍49	23♍19	10♋45	1♎58	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 0	18s 6	5n 1	19n48	1n20	24n15	1n34	16s40	1s35	12n29	1n12	11n29	2s12	16s32	0n23	22s 4	1n20	13n 1	9s47	1n32	2n 1	18n12	3s57	3s 7
M 2	15 18	16 52	4 34	20 26	1 29	24 25	1 37	16 29	1 36	12 29	1 12	11 31	2 12	16 31	0 23	22 4	1 20	13 2	9 47	1 33	2 3	18 12	3 56	3 7
T 3	15 35	14 35	3 51	21 2	1 38	24 34	1 39	16 17	1 38	12 28	1 12	11 34	2 12	16 30	0 23	22 4	1 20	13 2	9 47	1 34	2 4	18 11	3 54	3 6
W 4	15 53	11 30	2 55	21 36	1 46	24 42	1 41	16 6	1 39	12 28	1 11	11 36	2 12	16 29	0 23	22 4	1 20	13 2	9 47	1 34	2 5	18 11	3 52	3 6
T 5	16 10	7 50	1 50	22 7	1 54	24 49	1 44	15 54	1 41	12 27	1 11	11 39	2 12	16 29	0 23	22 4	1 20	13 2	9 47	1 33	2 6	18 11	3 51	3 5
F 6	16 27	3 50	0 40	22 36	2 1	24 56	1 46	15 43	1 42	12 26	1 11	11 41	2 12	16 28	0 23	22 4	1 20	13 3	9 47	1 33	2 8	18 11	3 49	3 4
S 7	16 44	0n17	0s31	23 2	2 7	25 3	1 48	15 31	1 44	12 26	1 11	11 44	2 12	16 27	0 23	22 4	1 20	13 3	9 46	1 33	2 9	18 11	3 47	3 4
S 8	17 1	4 20	1 39	23 26	2 13	25 8	1 50	15 19	1 45	12 25	1 11	11 46	2 12	16 27	0 23	22 4	1 20	13 3	9 46	1 34	2 10	18 10	3 46	3 3
M 9	17 17	8 7	2 41	23 47	2 18	25 13	1 53	15 7	1 47	12 24	1 11	11 49	2 12	16 26	0 23	22 4	1 20	13 3	9 46	1 35	2 11	18 10	3 44	3 3
T 10	17 33	11 29	3 34	24 6	2 22	25 17	1 55	14 55	1 48	12 23	1 10	11 51	2 12	16 25	0 23	22 4	1 20	13 4	9 46	1 38	2 13	18 10	3 43	3 2
W11	17 48	14 18	4 16	24 22	2 25	25 21	1 57	14 43	1 50	12 22	1 10	11 53	2 12	16 24	0 23	22 3	1 20	13 4	9 46	1 41	2 14	18 10	3 41	3 1
T 12	18 4	16 25	4 45	24 36	2 27	25 23	1 59	14 31	1 51	12 21	1 10	11 56	2 12	16 24	0 23	22 3	1 20	13 4	9 46	1 45	2 15	18 10	3 40	3 1
F 13	18 19	17 47	5 1	24 48	2 28	25 25	2 0	14 19	1 53	12 20	1 10	11 58	2 12	16 23	0 23	22 3	1 20	13 4	9 46	1 49	2 16	18 9	3 39	3 0
S 14	18 34	18 21	5 4	24 58	2 29	25 27	2 2	14 7	1 55	12 18	1 10	12 1	2 12	16 22	0 23	22 3	1 20	13 5	9 46	1 53	2 18	18 9	3 37	2 59
S 15	18 48	18 6	4 53	25 6	2 28	25 28	2 4	13 54	1 56	12 17	1 10	12 3	2 12	16 22	0 23	22 3	1 20	13 5	9 45	1 57	2 19	18 9	3 36	2 59
M16	19 2	17 4	4 30	25 11	2 27	25 28	2 6	13 42	1 58	12 16	1 10	12 5	2 12	16 21	0 23	22 3	1 20	13 5	9 45	2 0	2 20	18 9	3 35	2 58
T 17	19 16	15 17	3 55	25 15	2 24	25 27	2 7	13 29	1 59	12 14	1 9	12 8	2 12	16 20	0 23	22 3	1 20	13 5	9 45	2 2	2 21	18 9	3 34	2 57
W18	19 29	12 51	3 9	25 17	2 21	25 25	2 9	13 17	2 1	12 13	1 9	12 10	2 12	16 19	0 23	22 3	1 20	13 6	9 45	2 3	2 23	18 8	3 33	2 57
T 19	19 42	9 49	2 15	25 17	2 16	25 23	2 10	13 4	2 3	12 11	1 9	12 12	2 12	16 19	0 23	22 3	1 20	13 6	9 45	2 3	2 24	18 8	3 31	2 56
F 20	19 55	6 17	1 13	25 16	2 11	25 21	2 11	12 52	2 4	12 10	1 9	12 15	2 13	16 18	0 23	22 3	1 20	13 6	9 45	2 3	2 25	18 8	3 30	2 56
S 21	20 7	2 23	0 6	25 13	2 5	25 17	2 13	12 39	2 6	12 8	1 9	12 17	2 13	16 17	0 23	22 3	1 20	13 6	9 45	2 2	2 26	18 8	3 29	2 55
S 22	20 20	1s45	1n 3	25 8	1 57	25 13	2 14	12 26	2 8	12 6	1 9	12 19	2 13	16 17	0 23	22 3	1 20	13 6	9 45	2 3	2 28	18 7	3 28	2 54
M23	20 31	5 56	2 12	25 2	1 49	25 8	2 15	12 13	2 9	12 5	1 8	12 21	2 13	16 16	0 23	22 3	1 20	13 7	9 45	2 4	2 29	18 7	3 27	2 54
T 24	20 43	9 57	3 14	24 54	1 40	25 3	2 16	12 0	2 11	12 3	1 8	12 24	2 13	16 15	0 23	22 3	1 20	13 7	9 44	2 6	2 30	18 7	3 27	2 53
W25	20 54	13 30	4 6	24 46	1 29	24 57	2 17	11 48	2 13	12 1	1 8	12 26	2 13	16 15	0 23	22 3	1 20	13 7	9 44	2 8	2 31	18 7	3 26	2 52
T 26	21 4	16 15	4 43	24 35	1 18	24 50	2 18	11 35	2 14	11 59	1 8	12 28	2 13	16 14	0 23	22 3	1 20	13 7	9 44	2 12	2 33	18 7	3 25	2 52
F 27	21 15	17 57	5 0	24 24	1 6	24 43	2 18	11 22	2 16	11 57	1 8	12 30	2 13	16 13	0 23	22 3	1 20	13 7	9 44	2 16	2 34	18 6	3 24	2 51
S 28	21 24	18 24	4 57	24 12	0 53	24 35	2 19	11 9	2 18	11 55	1 8	12 32	2 13	16 13	0 23	22 3	1 20	13 8	9 44	2 20	2 35	18 6	3 23	2 50
S 29	21 34	17 33	4 34	23 58	0 39	24 26	2 19	10 56	2 19	11 53	1 8	12 34	2 13	16 12	0 23	22 3	1 20	13 8	9 44	2 23	2 36	18 6	3 23	2 50
M30	21 43	15 32	3 53	23 44	0 25	24 17	2 20	10 43	2 21	11 51	1 7	12 37	2 13	16 11	0 23	22 3	1 20	13 8	9 44	2 26	2 38	18 6	3 22	2 49
T 31	21n52	12s35	2n57	23n29	0n10	24n 7	2n20	10s30	2s23	11n49	1n 7	12n39	2s13	16s11	0n23	22s 3	1n20	13n 8	9s44	2n27	2n39	18n 5	3s22	2s48

Julian Day Number = 2504990.5, Delta T = 119.18 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°47'06, Lahiri = 25°54'06

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ASTRODIENST EPHEMERIS for the year 2146
geocentric

JUNE 2146 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 37 44	10♊31'57	2♓ 5	24°R51	21♋59	9♓22	2♍ 4	9♉58	15°R43	26°R39	17♊30	23°R48	23♍16	10♋52	1♎59	W 1
T 2	16 41 40	11°29'30	15°42	24♊43	23° 6	10° 1	2°10	10° 5	15♏41	26♐37	17°31	23°D47	23°13	10°59	1°59	T 2
F 3	16 45 37	12°27'02	28°59	24°29	24°14	10°39	2°17	10°12	15°39	26°36	17°33	23°R47	23°10	11° 5	1°59	F 3
S 4	16 49 33	13°24'34	11♈57	24°12	25°21	11°18	2°23	10°19	15°37	26°34	17°34	23♍46	23° 6	11°12	2° 0	S 4
S 5	16 53 30	14°22'04	24°40	23°52	26°28	11°56	2°29	10°26	15°35	26°33	17°36	23°43	23° 3	11°19	2° 0	S 5
M 6	16 57 26	15°19'34	7♉10	23°28	27°35	12°35	2°36	10°32	15°33	26°31	17°37	23°37	23° 0	11°26	2° 1	M 6
T 7	17 1 23	16°17'03	19°30	23° 1	28°42	13°13	2°43	10°39	15°31	26°30	17°38	23°29	22°57	11°32	2° 2	T 7
W 8	17 5 19	17°14'31	1♊42	22°32	29°48	13°51	2°50	10°46	15°29	26°28	17°40	23°17	22°54	11°39	2° 3	W 8
T 9	17 9 16	18°11'59	13°46	22° 1	0♌55	14°29	2°57	10°53	15°27	26°26	17°41	23° 4	22°51	11°46	2° 4	T 9
F 10	17 13 13	19° 9'25	25°45	21°28	2° 1	15° 7	3° 4	10°59	15°25	26°25	17°43	22°50	22°47	11°52	2° 5	F 10
S 11	17 17 9	20° 6'51	7♋40	20°55	3° 7	15°44	3°11	11° 6	15°23	26°23	17°44	22°37	22°44	11°59	2° 6	S 11
S 12	17 21 6	21° 4'16	19°31	20°22	4°13	16°22	3°18	11°12	15°21	26°22	17°45	22°25	22°41	12° 6	2° 8	S 12
M13	17 25 2	22° 1'39	1♌21	19°48	5°18	16°59	3°26	11°19	15°19	26°20	17°47	22°15	22°38	12°13	2° 9	M13
T 14	17 28 59	22°59'02	13°13	19°16	6°24	17°37	3°34	11°25	15°17	26°18	17°48	22° 8	22°35	12°19	2°11	T 14
W15	17 32 55	23°56'24	25°10	18°45	7°29	18°14	3°41	11°32	15°15	26°17	17°49	22° 4	22°31	12°26	2°13	W15
T 16	17 36 52	24°53'45	7♍15	18°16	8°34	18°51	3°49	11°38	15°13	26°15	17°51	22° 2	22°28	12°33	2°15	T 16
F 17	17 40 48	25°51'05	19°35	17°49	9°39	19°28	3°57	11°44	15°12	26°13	17°52	22° 1	22°25	12°40	2°16	F 17
S 18	17 44 45	26°48'24	2♎14	17°26	10°44	20° 5	4° 5	11°50	15°10	26°12	17°54	22° 1	22°22	12°46	2°19	S 18
S 19	17 48 42	27°45'42	15°16	17° 5	11°48	20°41	4°14	11°56	15° 8	26°10	17°55	22° 0	22°19	12°53	2°21	S 19
M20	17 52 38	28°42'59	28°46	16°49	12°52	21°18	4°22	12° 3	15° 7	26° 9	17°56	21°58	22°16	13° 0	2°23	M20
T 21	17 56 35	29°40'16	12♏46	16°36	13°56	21°54	4°30	12° 9	15° 5	26° 7	17°58	21°53	22°12	13° 6	2°25	T 21
W22	18 0 31	0♋37'31	27°15	16°27	15° 0	22°30	4°39	12°15	15° 4	26° 5	17°59	21°46	22° 9	13°13	2°28	W22
T 23	18 4 28	1°34'47	12♐ 9	16°D23	16° 4	23° 6	4°48	12°20	15° 2	26° 4	18° 0	21°36	22° 6	13°20	2°31	T 23
F 24	18 8 24	2°32'01	27°20	16°23	17° 7	23°42	4°56	12°26	15° 1	26° 2	18° 2	21°26	22° 3	13°27	2°33	F 24
S 25	18 12 21	3°29'15	12♑39	16°28	18°10	24°17	5° 5	12°32	14°59	26° 1	18° 3	21°16	22° 0	13°33	2°36	S 25
S 26	18 16 18	4°26'29	27°53	16°38	19°12	24°53	5°14	12°38	14°58	25°59	18° 4	21° 7	21°57	13°40	2°39	S 26
M27	18 20 14	5°23'43	12♒53	16°52	20°15	25°28	5°23	12°43	14°57	25°57	18° 6	21° 0	21°53	13°47	2°42	M27
T 28	18 24 11	6°20'56	27°30	17°11	21°17	26° 3	5°33	12°49	14°55	25°56	18° 7	20°56	21°50	13°53	2°45	T 28
W29	18 28 7	7°18'09	11♓42	17°35	22°19	26°38	5°42	12°55	14°54	25°54	18° 8	20°54	21°47	14° 0	2°49	W29
T 30	18 32 4	8♋15'22	25♓25	18♊ 3	23♌20	27♓12	5♍51	13♉ 0	14♏53	25♐53	18♊10	20°D54	21♍44	14♋ 7	2♎52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 0	8s58	1n52	23n13	0s 6	23n56	2n20	10s17	2s24	11n46	1n 7	12n41	2s13	16s10	0n23	22s 3	1n20	13n 8	9s44	2n28	2n40	18n 5	3s21	2s48
T 2	22 8	4 58	0 43	22 56	0 23	23 45	2 20	10 4	2 26	11 44	1 7	12 43	2 13	16 10	0 23	22 2	1 20	13 9	9 44	2 28	2 42	18 5	3 21	2 47
F 3	22 16	0 49	0s27	22 39	0 40	23 33	2 20	9 51	2 28	11 42	1 7	12 45	2 14	16 9	0 23	22 2	1 20	13 9	9 44	2 28	2 43	18 4	3 20	2 47
S 4	22 23	3n16	1 35	22 21	0 57	23 21	2 20	9 38	2 30	11 39	1 7	12 47	2 14	16 8	0 23	22 2	1 20	13 9	9 44	2 28	2 44	18 4	3 20	2 46
S 5	22 30	7 8	2 35	22 2	1 14	23 8	2 20	9 25	2 31	11 37	1 7	12 49	2 14	16 8	0 23	22 2	1 20	13 9	9 44	2 29	2 45	18 4	3 19	2 45
M 6	22 37	10 37	3 28	21 44	1 32	22 55	2 20	9 11	2 33	11 34	1 6	12 51	2 14	16 7	0 23	22 2	1 20	13 9	9 43	2 32	2 47	18 4	3 19	2 45
T 7	22 43	13 35	4 9	21 25	1 49	22 41	2 19	8 58	2 35	11 32	1 6	12 53	2 14	16 7	0 23	22 2	1 20	13 10	9 43	2 35	2 48	18 3	3 19	2 44
W 8	22 48	15 55	4 39	21 7	2 6	22 26	2 19	8 45	2 37	11 29	1 6	12 55	2 14	16 6	0 23	22 2	1 20	13 10	9 43	2 40	2 49	18 3	3 19	2 43
T 9	22 54	17 32	4 56	20 48	2 23	22 11	2 18	8 32	2 38	11 27	1 6	12 57	2 14	16 5	0 23	22 2	1 20	13 10	9 43	2 45	2 50	18 3	3 18	2 43
F 10	22 59	18 22	4 59	20 30	2 39	21 55	2 17	8 19	2 40	11 24	1 6	12 59	2 14	16 5	0 23	22 2	1 20	13 10	9 43	2 50	2 52	18 3	3 18	2 42
S 11	23 3	18 23	4 50	20 13	2 54	21 39	2 16	8 6	2 42	11 21	1 6	13 1	2 14	16 4	0 22	22 2	1 20	13 10	9 43	2 56	2 53	18 2	3 18	2 41
S 12	23 7	17 35	4 27	19 56	3 9	21 23	2 15	7 53	2 44	11 18	1 6	13 3	2 15	16 4	0 22	22 2	1 20	13 10	9 43	3 0	2 54	18 2	3 18	2 41
M13	23 11	16 2	3 54	19 40	3 22	21 6	2 14	7 40	2 45	11 15	1 6	13 5	2 15	16 3	0 22	22 2	1 20	13 10	9 43	3 4	2 55	18 2	3 18	2 40
T 14	23 14	13 48	3 10	19 25	3 35	20 48	2 13	7 27	2 47	11 13	1 5	13 6	2 15	16 3	0 22	22 2	1 20	13 11	9 43	3 7	2 57	18 1	3 18	2 39
W15	23 17	10 58	2 17	19 11	3 46	20 30	2 11	7 14	2 49	11 10	1 5	13 8	2 15	16 2	0 22	22 2	1 20	13 11	9 43	3 9	2 58	18 1	3 18	2 39
T 16	23 19	7 38	1 17	18 59	3 56	20 12	2 10	7 2	2 51	11 7	1 5	13 10	2 15	16 2	0 22	22 2	1 20	13 11	9 43	3 10	2 59	18 1	3 19	2 38
F 17	23 21	3 55	0 13	18 48	4 5	19 53	2 8	6 49	2 53	11 4	1 5	13 12	2 15	16 1	0 22	22 2	1 20	13 11	9 43	3 10	3 0	18 0	3 19	2 38
S 18	23 23	0s 4	0n54	18 39	4 12	19 33	2 6	6 36	2 54	11 1	1 5	13 14	2 15	16 1	0 22	22 2	1 20	13 11	9 43	3 10	3 2	18 0	3 19	2 37
S 19	23 24	4 10	2 0	18 31	4 18	19 14	2 5	6 23	2 56	10 57	1 5	13 15	2 15	16 0	0 22	22 2	1 20	13 11	9 43	3 10	3 3	18 0	3 19	2 36
M20	23 25	8 12	3 1	18 25	4 22	18 53	2 3	6 10	2 58	10 54	1 5	13 17	2 16	16 0	0 22	22 2	1 20	13 11	9 43	3 11	3 4	18 0	3 20	2 36
T 21	23 25	11 56	3 54	18 20	4 26	18 33	2 0	5 58	3 0	10 51	1 5	13 19	2 16	15 59	0 22	22 2	1 20	13 11	9 43	3 13	3 5	17 59	3 20	2 35
W22	23 25	15 4	4 34	18 18	4 27	18 12	1 58	5 45	3 1	10 48	1 5	13 20	2 16	15 59	0 22	22 2	1 20	13 12	9 43	3 16	3 7	17 59	3 21	2 34
T 23	23 24	17 19	4 57	18 17	4 28	17 51	1 56	5 33	3 3	10 45	1 4	13 22	2 16	15 59	0 22	22 2	1 20	13 12	9 43	3 20	3 8	17 59	3 21	2 34
F 24	23 24	18 24	4 59	18 18	4 27	17 29	1 53	5 20	3 5	10 41	1 4	13 24	2 16	15 58	0 22	22 2	1 20	13 12	9 43	3 24	3 9	17 58	3 22	2 33
S 25	23 22	18 10	4 41	18 20	4 25	17 7	1 50	5 8	3 7	10 38	1 4	13 25	2 16	15 58	0 22	22 2	1 20	13 12	9 43	3 28	3 10	17 58	3 22	2 33
S 26	23 21	16 37	4 2	18 24	4 22	16 45	1 47	4 55	3 9	10 35	1 4	13 27	2 17	15 58	0 22	22 2	1 20	13 12	9 43	3 31	3 12	17 58	3 23	2 32
M27	23 18	13 56	3 7	18 30	4 18	16 22	1 44	4 43	3 11	10 31	1 4	13 28	2 17	15 57	0 22	22 1	1 20	13 12	9 43	3 34	3 13	17 57	3 23	2 31
T 28	23 16	10 26	2 1	18 37	4 13	15 59	1 41	4 31	3 12	10 28	1 4	13 30	2 17	15 57	0 22	22 1	1 20	13 12	9 43	3 35	3 14	17 57	3 24	2 31
W29	23 13	6 25	0 49	18 45	4 6	15 36	1 38	4 18	3 14	10 24	1 4	13 31	2 17	15 56	0 22	22 1	1 20	13 12	9 43	3 36	3 15	17 57	3 25	2 30
T 30	23n10	2s11	0s24	18n55	3s59	15n13	1n34	4s 6	3s16	10n21	1n 4	13n33	2s17	15s56	0n22	22s 1	1n20	13n12	9s43	3n36	3n17	17n56	3s26	2s30

Julian Day Number = 2505021.5, Delta T = 119.23 sec
Ecliptic obliquity = 23°25'03, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°47'10, Lahiri = 25°54'11

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ASTRODIENST EPHEMERIS for the year 2146
geocentric

JULY 2146 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 36 0	9♋12'35	8♈43	18♊36	24♌21	27♓47	6♍ 1	13♉ 5	14°R52	25°R51	18♊11	20°R54	21♍41	14♋13	2♎55	F 1
S 2	18 39 57	10° 9'49	21°39	19°14	25°22	28°21	6°11	13°11	14♏51	25♐49	18°12	20♍54	21°37	14°20	2°59	S 2
S 3	18 43 53	11° 7'02	4♉16	19°56	26°23	28°55	6°20	13°16	14°50	25°48	18°14	20°52	21°34	14°27	3° 3	S 3
M 4	18 47 50	12° 4'16	16°38	20°43	27°23	29°29	6°30	13°21	14°49	25°46	18°15	20°47	21°31	14°34	3° 6	M 4
T 5	18 51 47	13° 1'29	28°49	21°35	28°23	0♈ 2	6°40	13°26	14°48	25°45	18°16	20°40	21°28	14°40	3°10	T 5
W 6	18 55 43	13°58'43	10♊52	22°30	29°22	0°36	6°50	13°31	14°47	25°43	18°17	20°30	21°25	14°47	3°14	W 6
T 7	18 59 40	14°55'57	22°49	23°30	0♍21	1° 9	7° 0	13°36	14°46	25°42	18°19	20°19	21°22	14°54	3°18	T 7
F 8	19 3 36	15°53'11	4♋42	24°35	1°20	1°41	7°10	13°41	14°45	25°40	18°20	20° 7	21°18	15° 0	3°22	F 8
S 9	19 7 33	16°50'25	16°33	25°43	2°19	2°14	7°20	13°46	14°44	25°39	18°21	19°55	21°15	15° 7	3°27	S 9
S 10	19 11 29	17°47'39	28°24	26°56	3°17	2°46	7°31	13°51	14°44	25°37	18°22	19°45	21°12	15°14	3°31	S 10
M11	19 15 26	18°44'53	10♌17	28°13	4°14	3°18	7°41	13°56	14°43	25°36	18°24	19°36	21° 9	15°21	3°36	M11
T 12	19 19 22	19°42'07	22°12	29°34	5°11	3°50	7°52	14° 0	14°42	25°34	18°25	19°30	21° 6	15°27	3°40	T 12
W13	19 23 19	20°39'21	4♍13	0♋59	6° 8	4°21	8° 2	14° 5	14°42	25°33	18°26	19°27	21° 3	15°34	3°45	W13
T 14	19 27 16	21°36'35	16°23	2°28	7° 4	4°52	8°13	14° 9	14°41	25°32	18°27	19°D26	20°59	15°41	3°49	T 14
F 15	19 31 12	22°33'49	28°45	4° 0	8° 0	5°23	8°24	14°13	14°41	25°30	18°29	19°26	20°56	15°47	3°54	F 15
S 16	19 35 9	23°31'03	11♎25	5°37	8°55	5°53	8°34	14°18	14°40	25°29	18°30	19°27	20°53	15°54	3°59	S 16
S 17	19 39 5	24°28'17	24°25	7°17	9°50	6°23	8°45	14°22	14°40	25°27	18°31	19°R27	20°50	16° 1	4° 4	S 17
M18	19 43 2	25°25'31	7♏49	9° 0	10°44	6°53	8°56	14°26	14°40	25°26	18°32	19°27	20°47	16° 8	4° 9	M18
T 19	19 46 58	26°22'46	21°41	10°47	11°38	7°22	9° 7	14°30	14°40	25°25	18°33	19°24	20°43	16°14	4°14	T 19
W20	19 50 55	27°20'00	6♐ 0	12°37	12°31	7°51	9°18	14°34	14°39	25°23	18°34	19°20	20°40	16°21	4°20	W20
T 21	19 54 51	28°17'14	20°45	14°30	13°23	8°20	9°29	14°38	14°39	25°22	18°35	19°13	20°37	16°28	4°25	T 21
F 22	19 58 48	29°14'29	5♑49	16°26	14°15	8°48	9°41	14°42	14°39	25°21	18°36	19° 6	20°34	16°34	4°31	F 22
S 23	20 2 45	0♌11'44	21° 4	18°24	15° 6	9°16	9°52	14°45	14°D39	25°20	18°38	18°59	20°31	16°41	4°36	S 23
S 24	20 6 41	1° 8'59	6♒18	20°25	15°57	9°44	10° 3	14°49	14°39	25°18	18°39	18°53	20°28	16°48	4°42	S 24
M25	20 10 38	2° 6'15	21°23	22°27	16°47	10°11	10°15	14°52	14°39	25°17	18°40	18°48	20°24	16°55	4°47	M25
T 26	20 14 34	3° 3'32	6♓ 7	24°31	17°36	10°38	10°26	14°56	14°39	25°16	18°41	18°46	20°21	17° 1	4°53	T 26
W27	20 18 31	4° 0'49	20°27	26°36	18°24	11° 4	10°38	14°59	14°39	25°15	18°42	18°D45	20°18	17° 8	4°59	W27
T 28	20 22 27	4°58'07	4♈19	28°42	19°12	11°30	10°49	15° 2	14°40	25°14	18°43	18°46	20°15	17°15	5° 5	T 28
F 29	20 26 24	5°55'26	17°44	0♌48	19°58	11°56	11° 1	15° 5	14°40	25°12	18°44	18°47	20°12	17°21	5°11	F 29
S 30	20 30 20	6°52'46	0♉44	2°55	20°45	12°21	11°13	15° 8	14°40	25°11	18°45	18°48	20° 9	17°28	5°17	S 30
S 31	20 34 17	7♌50'07	13♉22	5♌ 2	21♍30	12♈45	11♍24	15♉11	14♏41	25♐10	18♊46	18°R48	20♍ 5	17♋35	5♎23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 6	2n 2	1s33	19n 5	3s51	14n49	1n31	3s54	3s18	10n17	1n 4	13n34	2s17	15s56	0n22	22s 1	1n20	13n12	9s43	3n36	3n18	17n56	3s26	2s29
S 2	23 2	6 2	2 36	19 17	3 43	14 25	1 27	3 42	3 20	10 13	1 3	13 36	2 18	15 56	0 22	22 1	1 20	13 12	9 43	3 36	3 19	17 55	3 27	2 28
S 3	22 57	9 39	3 29	19 29	3 33	14 1	1 23	3 31	3 21	10 10	1 3	13 37	2 18	15 55	0 22	22 1	1 20	13 13	9 43	3 37	3 20	17 55	3 28	2 28
M 4	22 52	12 47	4 11	19 43	3 23	13 37	1 19	3 19	3 23	10 6	1 3	13 38	2 18	15 55	0 22	22 1	1 20	13 13	9 43	3 39	3 22	17 55	3 29	2 27
T 5	22 47	15 18	4 41	19 56	3 13	13 12	1 15	3 7	3 25	10 2	1 3	13 40	2 18	15 55	0 22	22 1	1 20	13 13	9 43	3 42	3 23	17 54	3 30	2 27
W 6	22 41	17 8	4 58	20 11	3 2	12 47	1 11	2 56	3 27	9 58	1 3	13 41	2 18	15 54	0 22	22 1	1 20	13 13	9 44	3 46	3 24	17 54	3 31	2 26
T 7	22 35	18 12	5 2	20 25	2 50	12 22	1 6	2 44	3 29	9 55	1 3	13 42	2 18	15 54	0 22	22 1	1 20	13 13	9 44	3 50	3 25	17 54	3 32	2 25
F 8	22 28	18 27	4 53	20 40	2 38	11 57	1 2	2 33	3 30	9 51	1 3	13 44	2 19	15 54	0 22	22 1	1 20	13 13	9 44	3 55	3 27	17 53	3 33	2 25
S 9	22 21	17 55	4 31	20 55	2 26	11 32	0 57	2 22	3 32	9 47	1 3	13 45	2 19	15 54	0 22	22 1	1 20	13 13	9 44	3 59	3 28	17 53	3 35	2 24
S 10	22 14	16 35	3 57	21 9	2 14	11 6	0 52	2 11	3 34	9 43	1 3	13 46	2 19	15 54	0 22	22 1	1 20	13 13	9 44	4 3	3 29	17 53	3 36	2 24
M11	22 6	14 33	3 13	21 24	2 1	10 40	0 47	2 0	3 36	9 39	1 3	13 47	2 19	15 54	0 22	22 1	1 20	13 13	9 44	4 7	3 30	17 52	3 37	2 23
T 12	21 58	11 53	2 20	21 37	1 48	10 15	0 42	1 49	3 38	9 35	1 3	13 49	2 19	15 53	0 22	22 1	1 20	13 13	9 44	4 9	3 32	17 52	3 38	2 23
W13	21 50	8 42	1 21	21 50	1 35	9 49	0 36	1 38	3 39	9 31	1 3	13 50	2 20	15 53	0 22	22 1	1 20	13 13	9 44	4 10	3 33	17 51	3 40	2 22
T 14	21 41	5 7	0 16	22 2	1 22	9 23	0 31	1 27	3 41	9 27	1 2	13 51	2 20	15 53	0 22	22 1	1 20	13 13	9 44	4 11	3 34	17 51	3 41	2 21
F 15	21 32	1 15	0n50	22 13	1 8	8 57	0 25	1 17	3 43	9 23	1 2	13 52	2 20	15 53	0 22	22 1	1 20	13 13	9 44	4 11	3 35	17 51	3 42	2 21
S 16	21 22	2s44	1 55	22 23	0 55	8 31	0 19	1 6	3 45	9 19	1 2	13 53	2 20	15 53	0 22	22 1	1 19	13 13	9 44	4 10	3 37	17 50	3 44	2 20
S 17	21 12	6 43	2 56	22 31	0 42	8 5	0 13	0 56	3 47	9 15	1 2	13 54	2 20	15 53	0 22	22 1	1 19	13 13	9 44	4 10	3 38	17 50	3 45	2 20
M18	21 2	10 28	3 50	22 37	0 29	7 38	0 7	0 46	3 48	9 10	1 2	13 55	2 21	15 53	0 22	22 1	1 19	13 13	9 44	4 11	3 39	17 49	3 47	2 19
T 19	20 51	13 47	4 32	22 42	0 17	7 12	0 0	0 36	3 50	9 6	1 2	13 56	2 21	15 53	0 22	22 1	1 19	13 13	9 44	4 12	3 40	17 49	3 48	2 19
W20	20 40	16 23	4 59	22 45	0 5	6 46	0s 6	0 26	3 52	9 2	1 2	13 57	2 21	15 53	0 22	22 1	1 19	13 13	9 44	4 13	3 42	17 49	3 50	2 18
T 21	20 29	18 0	5 7	22 45	0n 7	6 20	0 13	0 17	3 54	8 58	1 2	13 58	2 21	15 53	0 21	22 1	1 19	13 13	9 45	4 16	3 43	17 48	3 52	2 18
F 22	20 17	18 23	4 54	22 43	0 19	5 53	0 20	0 7	3 55	8 53	1 2	13 59	2 21	15 53	0 21	22 1	1 19	13 13	9 45	4 19	3 44	17 48	3 53	2 17
S 23	20 5	17 29	4 21	22 39	0 30	5 27	0 27	0n 2	3 57	8 49	1 2	14 0	2 22	15 53	0 21	22 1	1 19	13 13	9 45	4 21	3 45	17 47	3 55	2 17
S 24	19 53	15 19	3 29	22 32	0 40	5 1	0 34	0 11	3 59	8 45	1 2	14 0	2 22	15 53	0 21	22 1	1 19	13 13	9 45	4 24	3 47	17 47	3 57	2 16
M25	19 40	12 7	2 22	22 22	0 50	4 35	0 41	0 20	4 1	8 40	1 2	14 1	2 22	15 53	0 21	22 1	1 19	13 13	9 45	4 26	3 48	17 47	3 58	2 15
T 26	19 27	8 12	1 8	22 9	0 59	4 9	0 49	0 29	4 2	8 36	1 2	14 2	2 22	15 53	0 21	22 1	1 19	13 13	9 45	4 27	3 49	17 46	4 0	2 15
W27	19 14	3 55	0s 9	21 54	1 7	3 43	0 56	0 38	4 4	8 32	1 2	14 3	2 22	15 53	0 21	22 1	1 19	13 13	9 45	4 27	3 50	17 46	4 2	2 14
T 28	19 0	0n26	1 23	21 37	1 14	3 17	1 4	0 47	4 6	8 27	1 2	14 3	2 23	15 53	0 21	22 1	1 19	13 13	9 45	4 26	3 52	17 45	4 4	2 14
F 29	18 46	4 38	2 31	21 17	1 21	2 52	1 12	0 55	4 7	8 23	1 2	14 4	2 23	15 53	0 21	22 1	1 19	13 13	9 45	4 26	3 53	17 45	4 6	2 13
S 30	18 32	8 28	3 28	20 54	1 27	2 26	1 20	1 3	4 9	8 18	1 1	14 5	2 23	15 53	0 21	22 1	1 19	13 13	9 46	4 26	3 54	17 44	4 8	2 13
S 31	18n18	11n49	4s13	20n29	1n32	2n 1	1s29	1n11	4s11	8n14	1n 1	14n 5	2s23	15s53	0n21	22s 1	1n19	13n13	9s46	4n26	3n55	17n44	4s10	2s12

Julian Day Number = 2505051.5, Delta T = 119.29 sec
Ecliptic obliquity = 23°25'03, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°47'14, Lahiri = 25°54'15

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ASTRODIENST EPHEMERIS for the year 2146
geocentric

AUGUST 2146 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 38 14	8♌47'29	25♉43	7♌ 9	22♍14	13♈10	11♍36	15♉14	14♏41	25°R 9	18♊47	18°R47	20♍ 2	17♋41	5♎29	M 1
T 2	20 42 10	9°44'52	7♊51	9°15	22°57	13°33	11°48	15°17	14°41	25♐ 8	18°48	18♍44	19°59	17°48	5°35	T 2
W 3	20 46 7	10°42'16	19°49	11°20	23°40	13°56	12° 0	15°20	14°42	25° 7	18°49	18°39	19°56	17°55	5°42	W 3
T 4	20 50 3	11°39'41	1♋43	13°24	24°21	14°19	12°12	15°22	14°42	25° 6	18°50	18°33	19°53	18° 2	5°48	T 4
F 5	20 54 0	12°37'08	13°34	15°28	25° 2	14°41	12°24	15°25	14°43	25° 5	18°50	18°26	19°49	18° 8	5°55	F 5
S 6	20 57 56	13°34'35	25°25	17°30	25°41	15° 3	12°36	15°27	14°44	25° 4	18°51	18°20	19°46	18°15	6° 1	S 6
S 7	21 1 53	14°32'03	7♌18	19°31	26°19	15°24	12°48	15°29	14°45	25° 3	18°52	18°14	19°43	18°22	6° 8	S 7
M 8	21 5 49	15°29'32	19°16	21°31	26°57	15°44	13° 0	15°31	14°45	25° 2	18°53	18°10	19°40	18°28	6°15	M 8
T 9	21 9 46	16°27'02	1♍20	23°29	27°32	16° 4	13°12	15°34	14°46	25° 1	18°54	18° 7	19°37	18°35	6°21	T 9
W10	21 13 43	17°24'33	13°31	25°26	28° 7	16°23	13°25	15°36	14°47	25° 1	18°55	18°D 6	19°34	18°42	6°28	W10
T 11	21 17 39	18°22'05	25°52	27°21	28°41	16°42	13°37	15°37	14°48	25° 0	18°55	18° 6	19°30	18°49	6°35	T 11
F 12	21 21 36	19°19'37	8♎25	29°15	29°13	17° 0	13°49	15°39	14°49	24°59	18°56	18° 7	19°27	18°55	6°42	F 12
S 13	21 25 32	20°17'11	21°12	1♍ 7	29°43	17°17	14° 2	15°41	14°50	24°58	18°57	18° 9	19°24	19° 2	6°49	S 13
S 14	21 29 29	21°14'45	4♏17	2°58	0♎13	17°34	14°14	15°42	14°51	24°57	18°58	18°10	19°21	19° 9	6°56	S 14
M15	21 33 25	22°12'21	17°41	4°47	0°40	17°50	14°27	15°44	14°52	24°57	18°58	18°R11	19°18	19°15	7° 3	M15
T 16	21 37 22	23° 9'57	1♐27	6°35	1° 6	18° 6	14°39	15°45	14°53	24°56	18°59	18°11	19°15	19°22	7°11	T 16
W17	21 41 18	24° 7'34	15°35	8°21	1°31	18°21	14°52	15°46	14°55	24°55	19° 0	18° 9	19°11	19°29	7°18	W17
T 18	21 45 15	25° 5'13	0♑ 4	10° 6	1°54	18°35	15° 4	15°47	14°56	24°55	19° 1	18° 7	19° 8	19°35	7°25	T 18
F 19	21 49 11	26° 2'52	14°50	11°49	2°15	18°48	15°17	15°49	14°57	24°54	19° 1	18° 5	19° 5	19°42	7°33	F 19
S 20	21 53 8	27° 0'32	29°46	13°31	2°34	19° 1	15°29	15°49	14°59	24°54	19° 2	18° 2	19° 2	19°49	7°40	S 20
S 21	21 57 5	27°58'13	14♒45	15°12	2°52	19°13	15°42	15°50	15° 0	24°53	19° 2	17°59	18°59	19°56	7°48	S 21
M22	22 1 1	28°55'56	29°39	16°50	3° 7	19°24	15°55	15°51	15° 2	24°53	19° 3	17°58	18°55	20° 2	7°55	M22
T 23	22 4 58	29°53'39	14♓18	18°28	3°21	19°35	16° 7	15°52	15° 3	24°52	19° 4	17°D57	18°52	20° 9	8° 3	T 23
W24	22 8 54	0♍51'25	28°38	20° 4	3°32	19°45	16°20	15°52	15° 5	24°52	19° 4	17°57	18°49	20°16	8°10	W24
T 25	22 12 51	1°49'11	12♈34	21°39	3°41	19°54	16°33	15°53	15° 6	24°51	19° 5	17°58	18°46	20°22	8°18	T 25
F 26	22 16 47	2°47'00	26° 3	23°12	3°49	20° 2	16°45	15°53	15° 8	24°51	19° 5	17°59	18°43	20°29	8°26	F 26
S 27	22 20 44	3°44'50	9♉ 8	24°44	3°54	20° 9	16°58	15°53	15°10	24°51	19° 6	18° 1	18°40	20°36	8°34	S 27
S 28	22 24 40	4°42'42	21°51	26°15	3°57	20°16	17°11	15°R53	15°12	24°50	19° 6	18° 1	18°36	20°43	8°41	S 28
M29	22 28 37	5°40'35	4♊14	27°44	3°R57	20°22	17°24	15°53	15°13	24°50	19° 7	18°R 2	18°33	20°49	8°49	M29
T 30	22 32 34	6°38'31	16°23	29°11	3°55	20°27	17°37	15°53	15°15	24°50	19° 7	18° 2	18°30	20°56	8°57	T 30
W31	22 36 30	7♍36'28	28♊22	0♎38	3♎51	20♈31	17♍50	15♉53	15♏17	24♐50	19♊ 7	18♍ 1	18♍27	21♋ 3	9♎ 5	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n 3	14n32	4s46	20n 1	1n36	1n35	1s37	1n19	4s12	8n 9	1n 1	14n 6	2s24	15s53	0n21	22s 1	1n19	13n13	9s46	4n26	3n57	17n44	4s12	2s12
T 2	17 48	16 35	5 5	19 32	1 40	1 10	1 46	1 26	4 14	8 5	1 1	14 7	2 24	15 54	0 21	22 1	1 19	13 13	9 46	4 27	3 58	17 43	4 14	2 11
W 3	17 32	17 52	5 10	19 0	1 42	0 45	1 55	1 34	4 16	8 0	1 1	14 7	2 24	15 54	0 21	22 1	1 19	13 13	9 46	4 29	3 59	17 43	4 16	2 11
T 4	17 16	18 22	5 2	18 27	1 44	0 21	2 4	1 41	4 17	7 55	1 1	14 8	2 24	15 54	0 21	22 1	1 19	13 13	9 46	4 32	4 0	17 42	4 18	2 10
F 5	17 0	18 4	4 41	17 52	1 46	0s 4	2 13	1 48	4 19	7 51	1 1	14 8	2 25	15 54	0 21	22 1	1 19	13 13	9 46	4 34	4 2	17 42	4 20	2 10
S 6	16 44	16 58	4 8	17 16	1 46	0 28	2 22	1 55	4 20	7 46	1 1	14 9	2 25	15 54	0 21	22 1	1 19	13 13	9 46	4 37	4 3	17 41	4 22	2 9
S 7	16 27	15 8	3 24	16 38	1 46	0 52	2 32	2 2	4 22	7 41	1 1	14 9	2 25	15 55	0 21	22 1	1 19	13 13	9 47	4 39	4 4	17 41	4 24	2 9
M 8	16 11	12 38	2 31	15 59	1 45	1 15	2 42	2 8	4 23	7 37	1 1	14 9	2 25	15 55	0 21	22 1	1 19	13 12	9 47	4 41	4 5	17 40	4 27	2 8
T 9	15 54	9 35	1 31	15 19	1 44	1 39	2 51	2 14	4 25	7 32	1 1	14 10	2 25	15 55	0 21	22 1	1 19	13 12	9 47	4 42	4 7	17 40	4 29	2 8
W10	15 36	6 5	0 25	14 38	1 42	2 2	3 1	2 20	4 26	7 27	1 1	14 10	2 26	15 55	0 21	22 1	1 19	13 12	9 47	4 42	4 8	17 40	4 31	2 7
T 11	15 19	2 18	0n42	13 56	1 39	2 24	3 11	2 26	4 28	7 23	1 1	14 10	2 26	15 56	0 21	22 1	1 19	13 12	9 47	4 42	4 9	17 39	4 33	2 7
F 12	15 1	1s40	1 49	13 14	1 36	2 46	3 22	2 32	4 29	7 18	1 1	14 11	2 26	15 56	0 21	22 1	1 18	13 12	9 47	4 42	4 10	17 39	4 36	2 7
S 13	14 43	5 36	2 52	12 30	1 32	3 8	3 32	2 37	4 31	7 13	1 1	14 11	2 26	15 56	0 21	22 1	1 18	13 12	9 47	4 41	4 12	17 38	4 38	2 6
S 14	14 24	9 22	3 47	11 47	1 28	3 29	3 43	2 42	4 32	7 8	1 1	14 11	2 27	15 57	0 21	22 1	1 18	13 12	9 47	4 40	4 13	17 38	4 41	2 6
M15	14 6	12 45	4 31	11 3	1 24	3 50	3 53	2 47	4 33	7 3	1 1	14 11	2 27	15 57	0 21	22 1	1 18	13 12	9 48	4 40	4 14	17 37	4 43	2 5
T 16	13 47	15 31	5 1	10 19	1 19	4 10	4 4	2 52	4 34	6 59	1 1	14 12	2 27	15 58	0 21	22 1	1 18	13 12	9 48	4 40	4 15	17 37	4 45	2 5
W17	13 28	17 26	5 14	9 34	1 14	4 30	4 15	2 56	4 36	6 54	1 1	14 12	2 27	15 58	0 21	22 1	1 18	13 12	9 48	4 41	4 17	17 36	4 48	2 4
T 18	13 9	18 17	5 8	8 50	1 8	4 49	4 26	3 0	4 37	6 49	1 1	14 12	2 28	15 58	0 21	22 1	1 18	13 12	9 48	4 42	4 18	17 36	4 50	2 4
F 19	12 49	17 56	4 41	8 5	1 2	5 8	4 37	3 4	4 38	6 44	1 1	14 12	2 28	15 59	0 21	22 1	1 18	13 11	9 48	4 43	4 19	17 35	4 53	2 3
S 20	12 30	16 21	3 55	7 20	0 56	5 26	4 48	3 8	4 39	6 39	1 1	14 12	2 28	15 59	0 21	22 1	1 18	13 11	9 48	4 44	4 20	17 35	4 55	2 3
S 21	12 10	13 38	2 53	6 35	0 49	5 43	5 0	3 11	4 40	6 34	1 1	14 12	2 28	16 0	0 21	22 1	1 18	13 11	9 49	4 45	4 21	17 34	4 58	2 3
M22	11 50	10 2	1 39	5 50	0 42	6 0	5 11	3 15	4 41	6 29	1 1	14 12	2 29	16 0	0 21	22 1	1 18	13 11	9 49	4 45	4 23	17 34	5 0	2 2
T 23	11 30	5 52	0 20	5 6	0 35	6 15	5 22	3 18	4 42	6 24	1 1	14 12	2 29	16 1	0 21	22 1	1 18	13 11	9 49	4 46	4 24	17 33	5 3	2 2
W24	11 10	1 26	0s59	4 21	0 28	6 30	5 34	3 20	4 43	6 19	1 1	14 12	2 29	16 1	0 21	22 1	1 18	13 11	9 49	4 45	4 25	17 33	5 6	2 1
T 25	10 49	2n56	2 12	3 37	0 20	6 45	5 45	3 23	4 44	6 14	1 1	14 12	2 29	16 2	0 21	22 1	1 18	13 11	9 49	4 45	4 26	17 32	5 8	2 1
F 26	10 28	7 1	3 15	2 53	0 13	6 58	5 56	3 25	4 45	6 9	1 1	14 11	2 30	16 2	0 20	22 1	1 18	13 11	9 49	4 45	4 28	17 32	5 11	2 0
S 27	10 8	10 38	4 7	2 10	0 5	7 10	6 8	3 27	4 46	6 4	1 1	14 11	2 30	16 3	0 20	22 1	1 18	13 11	9 49	4 44	4 29	17 31	5 14	2 0
S 28	9 46	13 38	4 44	1 26	0s 3	7 22	6 19	3 29	4 46	5 59	1 1	14 11	2 30	16 3	0 20	22 1	1 18	13 10	9 50	4 44	4 30	17 31	5 16	2 0
M29	9 25	15 56	5 8	0 44	0 12	7 32	6 30	3 31	4 47	5 54	1 1	14 11	2 30	16 4	0 20	22 1	1 18	13 10	9 50	4 44	4 31	17 30	5 19	1 59
T 30	9 4	17 28	5 16	0 1	0 20	7 41	6 41	3 32	4 48	5 49	1 1	14 11	2 30	16 4	0 20	22 1	1 18	13 10	9 50	4 44	4 33	17 30	5 22	1 59
W31	8n42	18n13	5s12	0s41	0s28	7s49	6s52	3n33	4s48	5n44	1n 1	14n10	2s31	16s 5	0n20	22s 1	1n18	13n10	9s50	4n44	4n34	17n29	5s25	1s58

Julian Day Number = 2505082.5, Delta T = 119.35 sec
Ecliptic obliquity = 23°25'03, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°47'19, Lahiri = 25°54'19

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ASTRODIENST EPHEMERIS for the year 2146
geocentric

SEPTEMBER 2146 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 27	8♍34'27	10♋14	2♎ 2	3°R45	20♈34	18♍ 3	15°R52	15♏19	24°R49	19♊ 8	18°R 0	18♍24	21♋ 9	9♎13	T 1
F 2	22 44 23	9°32'28	22° 5	3°26	3♎36	20°36	18°15	15♉52	15°21	24♐49	19° 8	17♍59	18°20	21°16	9°21	F 2
S 3	22 48 20	10°30'30	3♌58	4°47	3°25	20°38	18°28	15°51	15°23	24°49	19° 9	17°58	18°17	21°23	9°29	S 3
S 4	22 52 16	11°28'35	15°56	6° 8	3°11	20°R39	18°41	15°51	15°25	24°49	19° 9	17°57	18°14	21°29	9°37	S 4
M 5	22 56 13	12°26'41	28° 1	7°26	2°55	20°38	18°54	15°50	15°27	24°49	19° 9	17°56	18°11	21°36	9°46	M 5
T 6	23 0 9	13°24'49	10♍16	8°43	2°37	20°37	19° 7	15°49	15°30	24°D49	19° 9	17°56	18° 8	21°43	9°54	T 6
W 7	23 4 6	14°22'58	22°42	9°59	2°17	20°35	19°20	15°48	15°32	24°49	19°10	17°D56	18° 5	21°49	10° 2	W 7
T 8	23 8 3	15°21'09	5♎21	11°13	1°54	20°33	19°33	15°47	15°34	24°49	19°10	17°56	18° 1	21°56	10°10	T 8
F 9	23 11 59	16°19'22	18°12	12°24	1°29	20°29	19°46	15°46	15°36	24°49	19°10	17°56	17°58	22° 3	10°19	F 9
S 10	23 15 56	17°17'36	1♏17	13°34	1° 2	20°24	19°59	15°44	15°39	24°49	19°10	17°56	17°55	22°10	10°27	S 10
S 11	23 19 52	18°15'52	14°37	14°42	0°34	20°19	20°12	15°43	15°41	24°49	19°11	17°R56	17°52	22°16	10°35	S 11
M12	23 23 49	19°14'10	28°11	15°48	0° 4	20°13	20°25	15°42	15°44	24°50	19°11	17°56	17°49	22°23	10°44	M12
T 13	23 27 45	20°12'29	11♐59	16°52	29♍32	20° 6	20°38	15°40	15°46	24°50	19°11	17°56	17°46	22°30	10°52	T 13
W14	23 31 42	21°10'49	26° 1	17°53	28°58	19°58	20°51	15°38	15°49	24°50	19°11	17°D56	17°42	22°36	11° 0	W14
T 15	23 35 38	22° 9'11	10♑16	18°51	28°24	19°49	21° 4	15°36	15°51	24°50	19°11	17°56	17°39	22°43	11° 9	T 15
F 16	23 39 35	23° 7'35	24°41	19°48	27°48	19°40	21°17	15°35	15°54	24°51	19°11	17°57	17°36	22°50	11°17	F 16
S 17	23 43 32	24° 6'00	9♒13	20°41	27°12	19°29	21°30	15°33	15°56	24°51	19°11	17°57	17°33	22°56	11°26	S 17
S 18	23 47 28	25° 4'27	23°46	21°31	26°35	19°19	21°43	15°30	15°59	24°51	19°11	17°58	17°30	23° 3	11°35	S 18
M19	23 51 25	26° 2'55	8♓16	22°18	25°58	19° 7	21°56	15°28	16° 2	24°52	19°R11	17°58	17°26	23°10	11°43	M19
T 20	23 55 21	27° 1'25	22°38	23° 1	25°21	18°55	22° 9	15°26	16° 4	24°52	19°11	17°R58	17°23	23°17	11°52	T 20
W21	23 59 18	27°59'57	6♈45	23°40	24°44	18°42	22°22	15°24	16° 7	24°53	19°11	17°58	17°20	23°23	12° 0	W21
T 22	0 3 14	28°58'31	20°33	24°15	24° 7	18°28	22°35	15°21	16°10	24°53	19°11	17°57	17°17	23°30	12° 9	T 22
F 23	0 7 11	29°57'07	4♉ 1	24°46	23°32	18°14	22°48	15°19	16°13	24°54	19°11	17°55	17°14	23°37	12°18	F 23
S 24	0 11 7	0♎55'45	17° 7	25°12	22°57	17°59	23° 1	15°16	16°16	24°54	19°11	17°54	17°11	23°43	12°26	S 24
S 25	0 15 4	1°54'25	29°51	25°33	22°23	17°44	23°14	15°13	16°19	24°55	19°11	17°52	17° 7	23°50	12°35	S 25
M26	0 19 0	2°53'08	12♊17	25°49	21°51	17°28	23°27	15°10	16°22	24°55	19°11	17°50	17° 4	23°57	12°44	M26
T 27	0 22 57	3°51'52	24°28	25°58	21°20	17°12	23°39	15° 7	16°25	24°56	19°10	17°49	17° 1	24° 3	12°52	T 27
W28	0 26 54	4°50'39	6♋27	26°R 1	20°51	16°55	23°52	15° 4	16°28	24°57	19°10	17°D49	16°58	24°10	13° 1	W28
T 29	0 30 50	5°49'29	18°20	25°58	20°23	16°38	24° 5	15° 1	16°31	24°57	19°10	17°50	16°55	24°17	13°10	T 29
F 30	0 34 47	6♎48'20	0♌12	25♎47	19♍58	16♈20	24♍18	14♉58	16♏34	24♐58	19♊10	17♍51	16♍51	24♋24	13♎18	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n21	18n 9	4s53	1s23	0s37	7s56	7s 2	3n34	4s49	5n39	1n 1	14n10	2s31	16s 5	0n20	22s 2	1n18	13n10	9s50	4n44	4n35	17n29	5s27	1s58
F 2	7 59	17 17	4 22	2 4	0 46	8 2	7 12	3 34	4 49	5 34	1 1	14 10	2 31	16 6	0 20	22 2	1 17	13 10	9 50	4 45	4 36	17 28	5 30	1 58
S 3	7 37	15 40	3 40	2 44	0 54	8 7	7 22	3 35	4 49	5 29	1 1	14 9	2 31	16 7	0 20	22 2	1 17	13 10	9 51	4 45	4 38	17 27	5 33	1 57
S 4	7 15	13 22	2 48	3 24	1 3	8 10	7 32	3 35	4 49	5 24	1 1	14 9	2 32	16 7	0 20	22 2	1 17	13 9	9 51	4 46	4 39	17 27	5 36	1 57
M 5	6 53	10 27	1 48	4 3	1 12	8 12	7 41	3 35	4 50	5 19	1 1	14 8	2 32	16 8	0 20	22 2	1 17	13 9	9 51	4 46	4 40	17 26	5 39	1 56
T 6	6 31	7 3	0 42	4 41	1 21	8 13	7 50	3 34	4 50	5 14	1 1	14 8	2 32	16 9	0 20	22 2	1 17	13 9	9 51	4 46	4 41	17 26	5 42	1 56
W 7	6 9	3 18	0n26	5 19	1 29	8 13	7 58	3 34	4 49	5 9	1 1	14 7	2 32	16 9	0 20	22 2	1 17	13 9	9 51	4 46	4 43	17 25	5 45	1 56
T 8	5 46	0s40	1 35	5 56	1 38	8 11	8 6	3 33	4 49	5 4	1 1	14 7	2 33	16 10	0 20	22 2	1 17	13 9	9 52	4 46	4 44	17 25	5 47	1 55
F 9	5 24	4 40	2 40	6 32	1 47	8 7	8 13	3 32	4 49	4 59	1 1	14 6	2 33	16 11	0 20	22 2	1 17	13 9	9 52	4 46	4 45	17 24	5 50	1 55
S 10	5 1	8 30	3 38	7 7	1 55	8 2	8 19	3 30	4 49	4 54	1 1	14 6	2 33	16 11	0 20	22 2	1 17	13 9	9 52	4 46	4 46	17 24	5 53	1 54
S 11	4 38	11 59	4 25	7 42	2 4	7 56	8 25	3 29	4 48	4 49	1 1	14 5	2 33	16 12	0 20	22 2	1 17	13 8	9 52	4 46	4 48	17 23	5 56	1 54
M12	4 15	14 53	4 59	8 15	2 13	7 49	8 30	3 27	4 47	4 44	1 1	14 4	2 33	16 13	0 20	22 2	1 17	13 8	9 52	4 46	4 49	17 23	5 59	1 54
T 13	3 53	16 59	5 16	8 47	2 21	7 40	8 34	3 25	4 47	4 39	1 1	14 4	2 34	16 14	0 20	22 2	1 17	13 8	9 52	4 46	4 50	17 22	6 2	1 53
W14	3 30	18 7	5 14	9 18	2 29	7 30	8 37	3 23	4 46	4 34	1 1	14 3	2 34	16 14	0 20	22 2	1 17	13 8	9 53	4 46	4 51	17 21	6 5	1 53
T 15	3 7	18 8	4 54	9 48	2 37	7 18	8 40	3 21	4 45	4 29	1 1	14 2	2 34	16 15	0 20	22 2	1 17	13 8	9 53	4 46	4 53	17 21	6 8	1 53
F 16	2 44	17 0	4 15	10 17	2 45	7 6	8 41	3 18	4 44	4 23	1 1	14 2	2 34	16 16	0 20	22 2	1 17	13 8	9 53	4 46	4 54	17 20	6 11	1 52
S 17	2 20	14 44	3 19	10 44	2 53	6 52	8 42	3 15	4 43	4 18	1 1	14 1	2 34	16 17	0 20	22 2	1 17	13 7	9 53	4 46	4 55	17 20	6 14	1 52
S 18	1 57	11 32	2 10	11 10	3 0	6 37	8 41	3 12	4 41	4 13	1 1	14 0	2 35	16 17	0 20	22 2	1 17	13 7	9 53	4 45	4 56	17 19	6 17	1 52
M19	1 34	7 38	0 54	11 34	3 7	6 21	8 40	3 9	4 40	4 8	1 1	13 59	2 35	16 18	0 20	22 3	1 17	13 7	9 53	4 45	4 57	17 19	6 20	1 51
T 20	1 11	3 19	0s26	11 56	3 14	6 5	8 38	3 6	4 38	4 3	1 1	13 58	2 35	16 19	0 20	22 3	1 17	13 7	9 54	4 45	4 59	17 18	6 23	1 51
W21	0 48	1n 7	1 42	12 17	3 20	5 47	8 35	3 3	4 37	3 58	1 1	13 58	2 35	16 20	0 20	22 3	1 17	13 7	9 54	4 45	5 0	17 17	6 26	1 51
T 22	0 24	5 23	2 51	12 36	3 26	5 29	8 31	3 0	4 35	3 53	1 1	13 57	2 35	16 21	0 20	22 3	1 16	13 7	9 54	4 46	5 1	17 17	6 29	1 50
F 23	0 1	9 16	3 48	12 52	3 32	5 10	8 26	2 56	4 33	3 48	1 2	13 56	2 36	16 21	0 20	22 3	1 16	13 6	9 54	4 46	5 2	17 16	6 32	1 50
S 24	0s22	12 35	4 32	13 6	3 36	4 51	8 20	2 52	4 31	3 43	1 2	13 55	2 36	16 22	0 20	22 3	1 16	13 6	9 54	4 47	5 4	17 16	6 36	1 50
S 25	0 45	15 12	5 1	13 17	3 40	4 32	8 13	2 49	4 28	3 38	1 2	13 54	2 36	16 23	0 20	22 3	1 16	13 6	9 54	4 48	5 5	17 15	6 39	1 49
M26	1 9	17 3	5 15	13 26	3 44	4 13	8 6	2 45	4 26	3 33	1 2	13 53	2 36	16 24	0 20	22 3	1 16	13 6	9 55	4 48	5 6	17 14	6 42	1 49
T 27	1 32	18 4	5 14	13 32	3 46	3 53	7 57	2 41	4 24	3 28	1 2	13 52	2 36	16 25	0 20	22 3	1 16	13 6	9 55	4 49	5 7	17 14	6 45	1 49
W28	1 55	18 16	5 0	13 34	3 47	3 33	7 49	2 37	4 21	3 23	1 2	13 51	2 37	16 26	0 20	22 3	1 16	13 5	9 55	4 49	5 9	17 13	6 48	1 48
T 29	2 19	17 40	4 33	13 33	3 48	3 14	7 39	2 33	4 18	3 18	1 2	13 50	2 37	16 27	0 20	22 3	1 16	13 5	9 55	4 48	5 10	17 13	6 51	1 48
F 30	2s42	16n17	3s54	13s28	3s47	2s55	7s29	2n29	4s15	3n13	1n 2	13n49	2s37	16s28	0n20	22s 3	1n16	13n 5	9s55	4n48	5n11	17n12	6s54	1s48

Julian Day Number = 2505113.5, Delta T = 119.40 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°47'23, Lahiri = 25°54'23

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ASTRODIENST EPHEMERIS for the year 2146
geocentric

OCTOBER 2146 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 43	7♎47'14	12♌ 6	25°R29	19°R35	16°R 3	24♍31	14°R55	16♏37	24♐59	19°R10	17♍52	16♍48	24♋30	13♎27	S 1
S 2	0 42 40	8°46'09	24° 7	25♎ 4	19♍14	15♈45	24°44	14♉51	16°40	25° 0	19♊ 9	17°54	16°45	24°37	13°36	S 2
M 3	0 46 36	9°45'07	6♍19	24°31	18°55	15°27	24°56	14°48	16°43	25° 1	19° 9	17°55	16°42	24°44	13°45	M 3
T 4	0 50 33	10°44'08	18°45	23°51	18°39	15° 8	25° 9	14°44	16°46	25° 2	19° 9	17°R55	16°39	24°50	13°54	T 4
W 5	0 54 29	11°43'10	1♎27	23° 3	18°25	14°50	25°22	14°41	16°49	25° 3	19° 8	17°55	16°36	24°57	14° 2	W 5
T 6	0 58 26	12°42'14	14°26	22° 8	18°14	14°32	25°35	14°37	16°53	25° 3	19° 8	17°53	16°32	25° 4	14°11	T 6
F 7	1 2 23	13°41'21	27°41	21° 8	18° 5	14°13	25°47	14°33	16°56	25° 4	19° 8	17°50	16°29	25°10	14°20	F 7
S 8	1 6 19	14°40'29	11♏12	20° 3	17°58	13°55	26° 0	14°30	16°59	25° 5	19° 7	17°46	16°26	25°17	14°29	S 8
S 9	1 10 16	15°39'39	24°56	18°55	17°54	13°37	26°13	14°26	17° 3	25° 6	19° 7	17°42	16°23	25°24	14°37	S 9
M10	1 14 12	16°38'51	8♐50	17°44	17°D52	13°19	26°25	14°22	17° 6	25° 8	19° 6	17°38	16°20	25°30	14°46	M10
T 11	1 18 9	17°38'05	22°52	16°34	17°53	13° 1	26°38	14°18	17° 9	25° 9	19° 6	17°34	16°17	25°37	14°55	T 11
W12	1 22 5	18°37'21	6♑59	15°26	17°55	12°44	26°50	14°14	17°13	25°10	19° 5	17°33	16°13	25°44	15° 4	W12
T 13	1 26 2	19°36'39	21° 9	14°21	18° 1	12°27	27° 3	14°10	17°16	25°11	19° 5	17°D32	16°10	25°51	15°13	T 13
F 14	1 29 58	20°35'58	5♒20	13°23	18° 8	12°10	27°15	14° 5	17°19	25°12	19° 4	17°33	16° 7	25°57	15°21	F 14
S 15	1 33 55	21°35'19	19°30	12°32	18°18	11°54	27°28	14° 1	17°23	25°13	19° 4	17°34	16° 4	26° 4	15°30	S 15
S 16	1 37 52	22°34'41	3♓37	11°49	18°30	11°38	27°40	13°57	17°26	25°15	19° 3	17°36	16° 1	26°11	15°39	S 16
M17	1 41 48	23°34'06	17°39	11°17	18°44	11°22	27°52	13°53	17°30	25°16	19° 3	17°R36	15°57	26°17	15°48	M17
T 18	1 45 45	24°33'32	1♈34	10°55	19° 0	11° 7	28° 5	13°48	17°33	25°17	19° 2	17°35	15°54	26°24	15°56	T 18
W19	1 49 41	25°33'00	15°18	10°D44	19°18	10°53	28°17	13°44	17°37	25°19	19° 2	17°33	15°51	26°31	16° 5	W19
T 20	1 53 38	26°32'30	28°49	10°45	19°38	10°39	28°29	13°39	17°40	25°20	19° 1	17°28	15°48	26°37	16°14	T 20
F 21	1 57 34	27°32'02	12♉ 5	10°56	20° 0	10°26	28°41	13°35	17°44	25°21	19° 0	17°22	15°45	26°44	16°22	F 21
S 22	2 1 31	28°31'36	25° 4	11°18	20°23	10°14	28°53	13°30	17°48	25°23	19° 0	17°15	15°42	26°51	16°31	S 22
S 23	2 5 27	29°31'13	7♊45	11°49	20°49	10° 2	29° 5	13°26	17°51	25°24	18°59	17° 7	15°38	26°57	16°40	S 23
M24	2 9 24	0♏30'51	20° 9	12°30	21°16	9°51	29°17	13°21	17°55	25°26	18°58	17° 0	15°35	27° 4	16°48	M24
T 25	2 13 20	1°30'32	2♋20	13°19	21°45	9°40	29°29	13°16	17°58	25°27	18°58	16°55	15°32	27°11	16°57	T 25
W26	2 17 17	2°30'15	14°19	14°15	22°15	9°31	29°41	13°12	18° 2	25°29	18°57	16°51	15°29	27°17	17° 6	W26
T 27	2 21 14	3°30'01	26°11	15°18	22°47	9°22	29°53	13° 7	18° 6	25°30	18°56	16°49	15°26	27°24	17°14	T 27
F 28	2 25 10	4°29'48	8♌ 1	16°28	23°20	9°13	0♎ 5	13° 2	18° 9	25°32	18°55	16°D48	15°23	27°31	17°23	F 28
S 29	2 29 7	5°29'38	19°55	17°42	23°55	9° 6	0°17	12°57	18°13	25°33	18°55	16°49	15°19	27°38	17°31	S 29
S 30	2 33 3	6°29'29	1♍56	19° 0	24°31	8°59	0°28	12°52	18°17	25°35	18°54	16°51	15°16	27°44	17°40	S 30
M31	2 37 0	7♏29'23	14♍11	20♎22	25♍ 9	8♈53	0♎40	12♉48	18♏20	25♐37	18♊53	16°R51	15♍13	27♋51	17♎48	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 5	14n11	3s 5	13s20	3s44	2s36	7s18	2n25	4s12	3n 8	1n 2	13n48	2s37	16s28	0n20	22s 3	1n16	13n 5	9s55	4n47	5n12	17n11	6s57	1s47
S 2	3 28	11 28	2 8	13 7	3 41	2 18	7 7	2 21	4 9	3 3	1 2	13 46	2 37	16 29	0 20	22 3	1 16	13 5	9 56	4 47	5 14	17 11	7 0	1 47
M 3	3 52	8 12	1 4	12 50	3 35	2 0	6 56	2 18	4 6	2 58	1 2	13 45	2 37	16 30	0 20	22 4	1 16	13 5	9 56	4 46	5 15	17 10	7 4	1 47
T 4	4 15	4 31	0n 5	12 28	3 28	1 43	6 44	2 14	4 2	2 53	1 2	13 44	2 37	16 31	0 20	22 4	1 16	13 4	9 56	4 46	5 16	17 9	7 7	1 46
W 5	4 38	0 33	1 14	12 2	3 19	1 26	6 32	2 10	3 59	2 48	1 2	13 43	2 38	16 32	0 20	22 4	1 16	13 4	9 56	4 46	5 17	17 9	7 10	1 46
T 6	5 1	3s31	2 21	11 31	3 8	1 11	6 20	2 6	3 55	2 43	1 2	13 42	2 38	16 33	0 20	22 4	1 16	13 4	9 56	4 47	5 18	17 8	7 13	1 46
F 7	5 24	7 31	3 21	10 57	2 55	0 55	6 7	2 3	3 52	2 38	1 2	13 41	2 38	16 34	0 20	22 4	1 16	13 4	9 56	4 48	5 20	17 8	7 16	1 46
S 8	5 47	11 11	4 12	10 19	2 41	0 41	5 54	1 59	3 48	2 33	1 3	13 39	2 38	16 35	0 20	22 4	1 16	13 4	9 57	4 50	5 21	17 7	7 19	1 45
S 9	6 10	14 19	4 49	9 38	2 25	0 28	5 41	1 56	3 44	2 28	1 3	13 38	2 38	16 36	0 20	22 4	1 16	13 3	9 57	4 52	5 22	17 6	7 22	1 45
M10	6 32	16 40	5 9	8 55	2 7	0 15	5 29	1 52	3 40	2 23	1 3	13 37	2 38	16 37	0 19	22 4	1 16	13 3	9 57	4 53	5 23	17 6	7 25	1 45
T 11	6 55	18 3	5 11	8 10	1 48	0 3	5 16	1 49	3 36	2 18	1 3	13 36	2 38	16 38	0 19	22 4	1 16	13 3	9 57	4 54	5 25	17 5	7 29	1 44
W12	7 17	18 19	4 55	7 25	1 28	0n 7	5 3	1 46	3 32	2 13	1 3	13 34	2 38	16 39	0 19	22 4	1 16	13 3	9 57	4 55	5 26	17 4	7 32	1 44
T 13	7 40	17 28	4 21	6 42	1 7	0 17	4 50	1 44	3 28	2 8	1 3	13 33	2 39	16 40	0 19	22 4	1 15	13 3	9 57	4 55	5 27	17 4	7 35	1 44
F 14	8 2	15 31	3 30	6 0	0 47	0 26	4 37	1 41	3 23	2 3	1 3	13 32	2 39	16 41	0 19	22 4	1 15	13 3	9 57	4 55	5 28	17 3	7 38	1 44
S 15	8 25	12 37	2 27	5 21	0 26	0 34	4 24	1 39	3 19	1 59	1 3	13 30	2 39	16 42	0 19	22 5	1 15	13 2	9 58	4 54	5 30	17 2	7 41	1 43
S 16	8 47	9 0	1 16	4 46	0 7	0 41	4 11	1 36	3 15	1 54	1 3	13 29	2 39	16 43	0 19	22 5	1 15	13 2	9 58	4 54	5 31	17 2	7 44	1 43
M17	9 9	4 53	0s 0	4 16	0n12	0 48	3 59	1 35	3 10	1 49	1 3	13 28	2 39	16 44	0 19	22 5	1 15	13 2	9 58	4 54	5 32	17 1	7 47	1 43
T 18	9 30	0 32	1 15	3 51	0 30	0 53	3 46	1 33	3 6	1 44	1 3	13 26	2 39	16 45	0 19	22 5	1 15	13 2	9 58	4 54	5 33	17 0	7 51	1 42
W19	9 52	3n47	2 25	3 32	0 46	0 57	3 34	1 31	3 1	1 39	1 4	13 25	2 39	16 46	0 19	22 5	1 15	13 2	9 58	4 55	5 34	17 0	7 54	1 42
T 20	10 14	7 51	3 25	3 19	1 1	1 0	3 22	1 30	2 57	1 35	1 4	13 23	2 39	16 47	0 19	22 5	1 15	13 1	9 58	4 57	5 36	16 59	7 57	1 42
F 21	10 35	11 26	4 13	3 11	1 15	1 3	3 10	1 29	2 52	1 30	1 4	13 22	2 39	16 48	0 19	22 5	1 15	13 1	9 58	4 59	5 37	16 58	8 0	1 42
S 22	10 56	14 23	4 46	3 8	1 26	1 5	2 58	1 28	2 48	1 25	1 4	13 21	2 39	16 49	0 19	22 5	1 15	13 1	9 59	5 2	5 38	16 58	8 3	1 41
S 23	11 18	16 34	5 5	3 11	1 36	1 5	2 46	1 28	2 43	1 20	1 4	13 19	2 39	16 50	0 19	22 5	1 15	13 1	9 59	5 5	5 39	16 57	8 6	1 41
M24	11 39	17 56	5 8	3 19	1 45	1 5	2 35	1 28	2 39	1 16	1 4	13 18	2 39	16 51	0 19	22 5	1 15	13 1	9 59	5 8	5 41	16 56	8 9	1 41
T 25	11 59	18 26	4 58	3 32	1 52	1 4	2 24	1 28	2 34	1 11	1 4	13 16	2 39	16 52	0 19	22 5	1 15	13 1	9 59	5 10	5 42	16 56	8 12	1 41
W26	12 20	18 6	4 34	3 49	1 57	1 2	2 13	1 28	2 30	1 7	1 4	13 15	2 39	16 53	0 19	22 6	1 15	13 0	9 59	5 11	5 43	16 55	8 15	1 40
T 27	12 40	16 58	3 59	4 9	2 2	1 0	2 2	1 29	2 25	1 2	1 4	13 14	2 39	16 54	0 19	22 6	1 15	13 0	9 59	5 12	5 44	16 54	8 18	1 40
F 28	13 0	15 7	3 14	4 33	2 5	0 56	1 51	1 30	2 21	0 57	1 5	13 12	2 39	16 55	0 19	22 6	1 15	13 0	9 59	5 12	5 46	16 53	8 21	1 40
S 29	13 20	12 37	2 20	4 59	2 6	0 52	1 41	1 31	2 16	0 53	1 5	13 11	2 39	16 56	0 19	22 6	1 15	13 0	9 59	5 12	5 47	16 53	8 24	1 40
S 30	13 40	9 32	1 20	5 28	2 7	0 47	1 31	1 32	2 12	0 48	1 5	13 9	2 39	16 57	0 19	22 6	1 15	13 0	10 0	5 11	5 48	16 52	8 28	1 39
M31	14s 0	6n 0	0s14	6s 0	2n 7	0n41	1s21	1n34	2s 7	0n44	1n 5	13n 8	2s39	16s58	0n19	22s 6	1n15	12n59	10s 0	5n11	5n49	16n51	8s31	1s39

Julian Day Number = 2505143.5, Delta T = 119.46 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°47'27, Lahiri = 25°54'27

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ASTRODIENST EPHEMERIS for the year 2146
geocentric

NOVEMBER 2146 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 56	8♏29'19	26♍43	21♎48	25♍48	8°R48	0♎51	12°R43	18♏24	25♐38	18°R52	16°R51	15♍10	27♋58	17♎57	T 1
W 2	2 44 53	9°29'18	9♎36	23°16	26°28	8♈44	1° 3	12♉38	18°28	25°40	18♊51	16♍48	15° 7	28° 4	18° 5	W 2
T 3	2 48 49	10°29'18	22°52	24°46	27° 9	8°40	1°14	12°33	18°32	25°42	18°50	16°44	15° 3	28°11	18°14	T 3
F 4	2 52 46	11°29'20	6♏29	26°18	27°51	8°38	1°26	12°28	18°35	25°43	18°50	16°36	15° 0	28°18	18°22	F 4
S 5	2 56 43	12°29'24	20°26	27°51	28°35	8°36	1°37	12°23	18°39	25°45	18°49	16°28	14°57	28°24	18°30	S 5
S 6	3 0 39	13°29'30	4♐39	29°26	29°19	8°35	1°48	12°19	18°43	25°47	18°48	16°18	14°54	28°31	18°39	S 6
M 7	3 4 36	14°29'38	19° 1	1♏ 1	0♎ 4	8°D34	1°59	12°14	18°46	25°49	18°47	16° 9	14°51	28°38	18°47	M 7
T 8	3 8 32	15°29'47	3♑27	2°37	0°51	8°35	2°10	12° 9	18°50	25°50	18°46	16° 1	14°48	28°44	18°55	T 8
W 9	3 12 29	16°29'59	17°52	4°14	1°38	8°36	2°21	12° 4	18°54	25°52	18°45	15°55	14°44	28°51	19° 3	W 9
T 10	3 16 25	17°30'11	2♒10	5°51	2°26	8°38	2°32	11°59	18°58	25°54	18°44	15°52	14°41	28°58	19°12	T 10
F 11	3 20 22	18°30'25	16°19	7°28	3°15	8°41	2°43	11°54	19° 1	25°56	18°43	15°D51	14°38	29° 4	19°20	F 11
S 12	3 24 18	19°30'40	0♓18	9° 5	4° 5	8°45	2°54	11°50	19° 5	25°58	18°42	15°51	14°35	29°11	19°28	S 12
S 13	3 28 15	20°30'57	14° 8	10°42	4°56	8°50	3° 4	11°45	19° 9	26° 0	18°41	15°R52	14°32	29°18	19°36	S 13
M14	3 32 12	21°31'15	27°46	12°19	5°47	8°55	3°15	11°40	19°13	26° 2	18°40	15°51	14°28	29°25	19°44	M14
T 15	3 36 8	22°31'35	11♈16	13°57	6°39	9° 1	3°26	11°35	19°16	26° 4	18°39	15°48	14°25	29°31	19°52	T 15
W16	3 40 5	23°31'56	24°34	15°34	7°32	9° 8	3°36	11°31	19°20	26° 6	18°38	15°43	14°22	29°38	20° 0	W16
T 17	3 44 1	24°32'18	7♉43	17°11	8°26	9°15	3°46	11°26	19°24	26° 8	18°37	15°35	14°19	29°45	20° 8	T 17
F 18	3 47 58	25°32'42	20°39	18°47	9°20	9°23	3°56	11°21	19°28	26°10	18°36	15°24	14°16	29°51	20°15	F 18
S 19	3 51 54	26°33'08	3♊23	20°24	10°15	9°32	4° 7	11°17	19°31	26°12	18°35	15°11	14°13	29°58	20°23	S 19
S 20	3 55 51	27°33'35	15°54	22° 0	11°11	9°42	4°17	11°12	19°35	26°14	18°34	14°58	14° 9	0♌ 5	20°31	S 20
M21	3 59 47	28°34'05	28°12	23°36	12° 7	9°52	4°27	11° 8	19°39	26°16	18°33	14°45	14° 6	0°11	20°39	M21
T 22	4 3 44	29°34'35	10♋19	25°12	13° 4	10° 3	4°36	11° 3	19°43	26°18	18°32	14°34	14° 3	0°18	20°46	T 22
W23	4 7 41	0♐35'08	22°16	26°48	14° 1	10°14	4°46	10°59	19°46	26°20	18°31	14°26	14° 0	0°25	20°54	W23
T 24	4 11 37	1°35'42	4♌ 6	28°23	14°59	10°26	4°56	10°54	19°50	26°22	18°30	14°20	13°57	0°31	21° 1	T 24
F 25	4 15 34	2°36'18	15°54	29°59	15°57	10°39	5° 5	10°50	19°54	26°24	18°28	14°17	13°54	0°38	21° 9	F 25
S 26	4 19 30	3°36'55	27°45	1♐34	16°56	10°53	5°15	10°46	19°57	26°26	18°27	14°15	13°50	0°45	21°16	S 26
S 27	4 23 27	4°37'34	9♍44	3° 9	17°55	11° 7	5°24	10°42	20° 1	26°28	18°26	14°15	13°47	0°51	21°24	S 27
M28	4 27 23	5°38'15	21°57	4°43	18°55	11°21	5°33	10°37	20° 5	26°30	18°25	14°15	13°44	0°58	21°31	M28
T 29	4 31 20	6°38'57	4♎28	6°18	19°56	11°36	5°43	10°33	20° 8	26°33	18°24	14°14	13°41	1° 5	21°38	T 29
W30	4 35 16	7♐39'41	17♎23	7♐52	20♎56	11♈52	5♎52	10♉29	20♏12	26♐35	18♊23	14♍10	13♍38	1♌11	21♎45	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s19	2n 7	0n53	6s32	2n 6	0n35	1s11	1n36	2s 3	0n39	1n 5	13n 6	2s39	16s59	0n19	22s 6	1n15	12n59	10s 0	5n11	5n50	16n51	8s34	1s39
W 2	14 38	1s59	1 59	7 7	2 4	0 28	1 2	1 38	1 59	0 35	1 5	13 5	2 39	17 0	0 19	22 6	1 15	12 59	10 0	5 12	5 52	16 50	8 37	1 39
T 3	14 57	6 5	3 1	7 42	2 1	0 20	0 53	1 41	1 55	0 30	1 5	13 4	2 39	17 1	0 19	22 6	1 15	12 59	10 0	5 14	5 53	16 49	8 40	1 39
F 4	15 16	9 59	3 54	8 18	1 58	0 11	0 44	1 44	1 50	0 26	1 6	13 2	2 39	17 2	0 19	22 6	1 15	12 59	10 0	5 17	5 54	16 49	8 43	1 38
S 5	15 34	13 26	4 34	8 55	1 54	0 2	0 35	1 47	1 46	0 22	1 6	13 1	2 39	17 3	0 19	22 6	1 15	12 59	10 0	5 20	5 55	16 48	8 46	1 38
S 6	15 52	16 9	4 58	9 32	1 50	0s 8	0 26	1 50	1 42	0 17	1 6	12 59	2 39	17 4	0 19	22 7	1 14	12 58	10 0	5 24	5 57	16 47	8 49	1 38
M 7	16 10	17 55	5 4	10 10	1 46	0 18	0 18	1 54	1 38	0 13	1 6	12 58	2 39	17 5	0 19	22 7	1 14	12 58	10 0	5 28	5 58	16 46	8 51	1 38
T 8	16 28	18 32	4 51	10 48	1 40	0 29	0 10	1 58	1 34	0 9	1 6	12 56	2 39	17 6	0 19	22 7	1 14	12 58	10 0	5 31	5 59	16 46	8 54	1 37
W 9	16 45	17 57	4 19	11 25	1 35	0 40	0 2	2 2	1 30	0 5	1 6	12 55	2 39	17 7	0 19	22 7	1 14	12 58	10 0	5 33	6 0	16 45	8 57	1 37
T 10	17 2	16 14	3 31	12 3	1 29	0 52	0n 6	2 6	1 26	0 0	1 6	12 54	2 39	17 8	0 19	22 7	1 14	12 58	10 1	5 34	6 1	16 44	9 0	1 37
F 11	17 19	13 32	2 31	12 40	1 24	1 5	0 14	2 11	1 22	0s 4	1 7	12 52	2 39	17 9	0 19	22 7	1 14	12 58	10 1	5 35	6 3	16 43	9 3	1 37
S 12	17 36	10 4	1 22	13 17	1 17	1 18	0 21	2 16	1 18	0 8	1 7	12 51	2 39	17 10	0 19	22 7	1 14	12 58	10 1	5 34	6 4	16 43	9 6	1 37
S 13	17 52	6 6	0 9	13 54	1 11	1 32	0 28	2 21	1 15	0 12	1 7	12 50	2 39	17 11	0 19	22 7	1 14	12 57	10 1	5 34	6 5	16 42	9 9	1 36
M14	18 8	1 51	1s 3	14 30	1 5	1 46	0 35	2 27	1 11	0 16	1 7	12 48	2 39	17 12	0 19	22 7	1 14	12 57	10 1	5 34	6 6	16 41	9 12	1 36
T 15	18 23	2n27	2 11	15 5	0 58	2 0	0 42	2 32	1 7	0 20	1 7	12 47	2 39	17 13	0 19	22 7	1 14	12 57	10 1	5 36	6 8	16 40	9 14	1 36
W16	18 38	6 34	3 10	15 40	0 52	2 15	0 48	2 38	1 4	0 24	1 7	12 45	2 39	17 14	0 19	22 7	1 14	12 57	10 1	5 38	6 9	16 40	9 17	1 36
T 17	18 53	10 18	3 59	16 14	0 45	2 30	0 54	2 44	1 0	0 28	1 8	12 44	2 38	17 15	0 19	22 8	1 14	12 57	10 1	5 41	6 10	16 39	9 20	1 36
F 18	19 8	13 29	4 34	16 47	0 38	2 46	1 0	2 51	0 57	0 32	1 8	12 43	2 38	17 16	0 19	22 8	1 14	12 57	10 1	5 45	6 11	16 38	9 23	1 35
S 19	19 22	15 59	4 55	17 20	0 31	3 2	1 6	2 57	0 54	0 36	1 8	12 42	2 38	17 17	0 19	22 8	1 14	12 57	10 1	5 50	6 13	16 37	9 26	1 35
S 20	19 36	17 41	5 1	17 52	0 24	3 19	1 12	3 4	0 50	0 39	1 8	12 40	2 38	17 18	0 19	22 8	1 14	12 57	10 1	5 55	6 14	16 37	9 28	1 35
M21	19 49	18 31	4 53	18 23	0 17	3 36	1 18	3 11	0 47	0 43	1 8	12 39	2 38	17 19	0 19	22 8	1 14	12 56	10 1	6 0	6 15	16 36	9 31	1 35
T 22	20 3	18 30	4 32	18 53	0 11	3 53	1 23	3 18	0 44	0 47	1 8	12 38	2 38	17 21	0 19	22 8	1 14	12 56	10 1	6 4	6 16	16 35	9 34	1 35
W23	20 15	17 39	3 59	19 22	0 4	4 10	1 28	3 26	0 41	0 51	1 9	12 37	2 38	17 22	0 19	22 8	1 14	12 56	10 1	6 7	6 17	16 34	9 36	1 34
T 24	20 28	16 2	3 16	19 50	0s 3	4 28	1 33	3 33	0 38	0 54	1 9	12 35	2 38	17 23	0 19	22 8	1 14	12 56	10 1	6 10	6 19	16 34	9 39	1 34
F 25	20 40	13 45	2 24	20 17	0 10	4 46	1 38	3 41	0 35	0 58	1 9	12 34	2 37	17 23	0 19	22 8	1 14	12 56	10 1	6 11	6 20	16 33	9 42	1 34
S 26	20 51	10 53	1 26	20 43	0 16	5 5	1 42	3 49	0 32	1 2	1 9	12 33	2 37	17 24	0 19	22 8	1 14	12 56	10 1	6 11	6 21	16 32	9 44	1 34
S 27	21 3	7 32	0 24	21 9	0 23	5 23	1 46	3 57	0 29	1 5	1 9	12 32	2 37	17 25	0 19	22 8	1 14	12 56	10 1	6 11	6 22	16 31	9 47	1 34
M28	21 14	3 49	0n41	21 33	0 30	5 42	1 51	4 5	0 26	1 9	1 9	12 31	2 37	17 26	0 19	22 8	1 14	12 56	10 1	6 11	6 23	16 30	9 49	1 33
T 29	21 24	0s10	1 45	21 56	0 36	6 1	1 55	4 14	0 23	1 12	1 10	12 30	2 37	17 27	0 19	22 9	1 14	12 56	10 1	6 12	6 25	16 30	9 52	1 33
W30	21s34	4s16	2n46	22s18	0s42	6s20	1n58	4n22	0s21	1s15	1n10	12n29	2s37	17s28	0n19	22s 9	1n14	12n55	10s 1	6n13	6n26	16n29	9s54	1s33

Julian Day Number = 2505174.5, Delta T = 119.51 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°47'31, Lahiri = 25°54'32

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ASTRODIENST EPHEMERIS for the year 2146
geocentric

DECEMBER 2146 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 13	8♐40'26	0♏45	9♐27	21♎58	12♈ 8	6♎ 0	10°R25	20♏15	26♐37	18°R22	14°R 4	13♍34	1♌18	21♎52	T 1
F 2	4 43 10	9°41'13	14°34	11° 1	22°59	12°25	6° 9	10♉21	20°19	26°39	18♊21	13♍55	13°31	1°25	21°59	F 2
S 3	4 47 6	10°42'02	28°49	12°35	24° 1	12°42	6°18	10°18	20°23	26°41	18°19	13°44	13°28	1°31	22° 6	S 3
S 4	4 51 3	11°42'51	13♐25	14° 9	25° 4	13° 0	6°26	10°14	20°26	26°44	18°18	13°32	13°25	1°38	22°13	S 4
M 5	4 54 59	12°43'42	28°14	15°43	26° 6	13°18	6°35	10°10	20°30	26°46	18°17	13°20	13°22	1°45	22°20	M 5
T 6	4 58 56	13°44'34	13♑ 8	17°17	27° 9	13°37	6°43	10° 7	20°33	26°48	18°16	13° 9	13°19	1°52	22°27	T 6
W 7	5 2 52	14°45'27	27°57	18°51	28°13	13°57	6°51	10° 3	20°37	26°50	18°15	13° 1	13°15	1°58	22°34	W 7
T 8	5 6 49	15°46'21	12♒35	20°25	29°17	14°16	6°59	10° 0	20°40	26°52	18°14	12°56	13°12	2° 5	22°40	T 8
F 9	5 10 45	16°47'15	26°56	21°59	0♏21	14°37	7° 7	9°56	20°44	26°55	18°13	12°54	13° 9	2°12	22°47	F 9
S 10	5 14 42	17°48'10	10♓59	23°33	1°25	14°57	7°15	9°53	20°47	26°57	18°11	12°54	13° 6	2°18	22°53	S 10
S 11	5 18 39	18°49'06	24°44	25° 7	2°30	15°18	7°23	9°50	20°51	26°59	18°10	12°54	13° 3	2°25	23° 0	S 11
M12	5 22 35	19°50'02	8♈12	26°41	3°35	15°40	7°30	9°46	20°54	27° 1	18° 9	12°53	13° 0	2°32	23° 6	M12
T 13	5 26 32	20°50'59	21°24	28°15	4°40	16° 2	7°38	9°43	20°57	27° 4	18° 8	12°50	12°56	2°38	23°12	T 13
W14	5 30 28	21°51'57	4♉24	29°49	5°46	16°24	7°45	9°40	21° 1	27° 6	18° 7	12°44	12°53	2°45	23°18	W14
T 15	5 34 25	22°52'55	17°11	1♑23	6°51	16°47	7°52	9°38	21° 4	27° 8	18° 6	12°35	12°50	2°52	23°24	T 15
F 16	5 38 21	23°53'54	29°48	2°57	7°57	17°10	7°59	9°35	21° 7	27°10	18° 4	12°23	12°47	2°58	23°30	F 16
S 17	5 42 18	24°54'54	12♊15	4°31	9° 4	17°34	8° 6	9°32	21°11	27°13	18° 3	12°10	12°44	3° 5	23°36	S 17
S 18	5 46 14	25°55'55	24°32	6° 6	10°10	17°58	8°13	9°30	21°14	27°15	18° 2	11°55	12°40	3°12	23°42	S 18
M19	5 50 11	26°56'56	6♋40	7°40	11°17	18°22	8°19	9°27	21°17	27°17	18° 1	11°42	12°37	3°18	23°48	M19
T 20	5 54 8	27°57'58	18°40	9°14	12°24	18°46	8°25	9°25	21°20	27°20	18° 0	11°30	12°34	3°25	23°53	T 20
W21	5 58 4	28°59'00	0♌33	10°48	13°31	19°11	8°32	9°22	21°24	27°22	17°59	11°20	12°31	3°32	23°59	W21
T 22	6 2 1	0♑ 0'04	12°22	12°22	14°39	19°37	8°38	9°20	21°27	27°24	17°58	11°13	12°28	3°38	24° 4	T 22
F 23	6 5 57	1° 1'08	24° 9	13°55	15°47	20° 2	8°44	9°18	21°30	27°26	17°56	11°10	12°25	3°45	24°10	F 23
S 24	6 9 54	2° 2'12	5♍59	15°29	16°55	20°28	8°50	9°16	21°33	27°29	17°55	11°D 8	12°21	3°52	24°15	S 24
S 25	6 13 50	3° 3'18	17°55	17° 2	18° 3	20°54	8°55	9°14	21°36	27°31	17°54	11° 8	12°18	3°58	24°20	S 25
M26	6 17 47	4° 4'24	0♎ 5	18°35	19°11	21°20	9° 1	9°13	21°39	27°33	17°53	11°R 9	12°15	4° 5	24°25	M26
T 27	6 21 44	5° 5'31	12°32	20° 7	20°19	21°47	9° 6	9°11	21°42	27°35	17°52	11° 8	12°12	4°12	24°30	T 27
W28	6 25 40	6° 6'38	25°22	21°39	21°28	22°14	9°11	9° 9	21°45	27°38	17°51	11° 7	12° 9	4°18	24°35	W28
T 29	6 29 37	7° 7'46	8♏39	23°10	22°37	22°41	9°16	9° 8	21°48	27°40	17°50	11° 2	12° 6	4°25	24°40	T 29
F 30	6 33 33	8° 8'55	22°26	24°40	23°46	23° 9	9°21	9° 7	21°51	27°42	17°49	10°56	12° 2	4°32	24°45	F 30
S 31	6 37 30	9♑10'05	6♐43	26♑ 9	24♏55	23♈37	9♎26	9♉ 5	21♏54	27♐44	17♊48	10♍47	11♍59	4♌38	24♎50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s44	8s18	3n39	22s39	0s49	6s40	2n 2	4n31	0s18	1s19	1n10	12n27	2s36	17s29	0n19	22s 9	1n14	12n55	10s 1	6n16	6n27	16n28	9s57	1s33
F 2	21 53	12 1	4 22	22 59	0 55	6 59	2 6	4 40	0 15	1 22	1 10	12 26	2 36	17 30	0 19	22 9	1 14	12 55	10 1	6 19	6 28	16 27	9 59	1 33
S 3	22 2	15 9	4 50	23 17	1 1	7 19	2 9	4 49	0 13	1 25	1 10	12 25	2 36	17 31	0 19	22 9	1 14	12 55	10 1	6 23	6 30	16 26	10 2	1 32
S 4	22 10	17 25	5 0	23 35	1 6	7 39	2 12	4 58	0 10	1 28	1 11	12 24	2 36	17 32	0 19	22 9	1 14	12 55	10 1	6 28	6 31	16 26	10 4	1 32
M 5	22 18	18 34	4 50	23 51	1 12	7 59	2 15	5 8	0 8	1 32	1 11	12 23	2 36	17 33	0 19	22 9	1 14	12 55	10 1	6 33	6 32	16 25	10 7	1 32
T 6	22 26	18 27	4 21	24 6	1 18	8 19	2 18	5 17	0 6	1 35	1 11	12 23	2 35	17 34	0 19	22 9	1 14	12 55	10 1	6 37	6 33	16 24	10 9	1 32
W 7	22 33	17 4	3 34	24 20	1 23	8 39	2 20	5 27	0 3	1 38	1 11	12 22	2 35	17 35	0 19	22 9	1 14	12 55	10 1	6 40	6 34	16 23	10 11	1 32
T 8	22 40	14 34	2 33	24 32	1 28	8 59	2 23	5 37	0 1	1 41	1 12	12 21	2 35	17 36	0 19	22 9	1 14	12 55	10 1	6 42	6 36	16 22	10 14	1 32
F 9	22 46	11 13	1 23	24 43	1 33	9 19	2 25	5 46	0n 1	1 44	1 12	12 20	2 35	17 37	0 19	22 9	1 14	12 55	10 1	6 43	6 37	16 22	10 16	1 31
S 10	22 52	7 17	0 10	24 53	1 38	9 39	2 27	5 56	0 3	1 46	1 12	12 19	2 34	17 38	0 19	22 9	1 14	12 55	10 1	6 43	6 38	16 21	10 18	1 31
S 11	22 57	3 3	1s 2	25 2	1 42	10 0	2 29	6 7	0 6	1 49	1 12	12 18	2 34	17 39	0 19	22 9	1 14	12 55	10 1	6 43	6 39	16 20	10 20	1 31
M12	23 2	1n16	2 10	25 9	1 46	10 20	2 31	6 17	0 8	1 52	1 12	12 18	2 34	17 40	0 19	22 9	1 14	12 55	10 1	6 43	6 41	16 19	10 23	1 31
T 13	23 6	5 25	3 9	25 15	1 50	10 40	2 33	6 27	0 10	1 55	1 13	12 17	2 34	17 40	0 19	22 10	1 14	12 55	10 1	6 44	6 42	16 18	10 25	1 31
W14	23 10	9 15	3 57	25 19	1 54	11 0	2 34	6 38	0 12	1 57	1 13	12 16	2 34	17 41	0 19	22 10	1 14	12 54	10 1	6 47	6 43	16 17	10 27	1 31
T 15	23 14	12 36	4 32	25 22	1 58	11 20	2 36	6 48	0 14	2 0	1 13	12 15	2 33	17 42	0 19	22 10	1 14	12 54	10 1	6 50	6 44	16 17	10 29	1 30
F 16	23 17	15 19	4 53	25 24	2 1	11 40	2 37	6 59	0 16	2 2	1 13	12 15	2 33	17 43	0 19	22 10	1 14	12 54	10 1	6 54	6 45	16 16	10 31	1 30
S 17	23 19	17 17	5 0	25 24	2 4	12 1	2 38	7 9	0 17	2 5	1 14	12 14	2 33	17 44	0 19	22 10	1 14	12 54	10 1	7 0	6 47	16 15	10 33	1 30
S 18	23 21	18 25	4 53	25 23	2 6	12 20	2 39	7 20	0 19	2 7	1 14	12 14	2 33	17 45	0 19	22 10	1 14	12 54	10 1	7 5	6 48	16 14	10 35	1 30
M19	23 23	18 42	4 33	25 20	2 8	12 40	2 40	7 31	0 21	2 10	1 14	12 13	2 32	17 46	0 19	22 10	1 14	12 54	10 1	7 10	6 49	16 13	10 37	1 30
T 20	23 24	18 9	4 1	25 16	2 10	13 0	2 40	7 42	0 23	2 12	1 14	12 13	2 32	17 47	0 19	22 10	1 14	12 54	10 1	7 15	6 50	16 12	10 39	1 30
W21	23 25	16 48	3 18	25 10	2 12	13 20	2 41	7 53	0 24	2 14	1 14	12 12	2 32	17 47	0 19	22 10	1 14	12 54	10 0	7 18	6 51	16 12	10 41	1 29
T 22	23 25	14 44	2 27	25 3	2 13	13 39	2 41	8 4	0 26	2 16	1 15	12 12	2 32	17 48	0 19	22 10	1 14	12 54	10 0	7 21	6 53	16 11	10 43	1 29
F 23	23 25	12 3	1 29	24 54	2 13	13 58	2 41	8 15	0 28	2 19	1 15	12 11	2 31	17 49	0 19	22 10	1 14	12 54	10 0	7 22	6 54	16 10	10 45	1 29
S 24	23 24	8 53	0 27	24 44	2 14	14 17	2 42	8 26	0 29	2 21	1 15	12 11	2 31	17 50	0 19	22 10	1 14	12 54	10 0	7 23	6 55	16 9	10 46	1 29
S 25	23 23	5 19	0n36	24 32	2 13	14 36	2 42	8 38	0 31	2 23	1 15	12 11	2 31	17 51	0 19	22 10	1 14	12 54	10 0	7 23	6 56	16 8	10 48	1 29
M26	23 21	1 29	1 39	24 19	2 13	14 55	2 41	8 49	0 32	2 25	1 16	12 10	2 30	17 51	0 19	22 10	1 14	12 54	10 0	7 23	6 58	16 7	10 50	1 29
T 27	23 19	2s30	2 39	24 4	2 11	15 13	2 41	9 0	0 34	2 26	1 16	12 10	2 30	17 52	0 19	22 10	1 14	12 54	10 0	7 23	6 59	16 6	10 52	1 28
W28	23 17	6 29	3 33	23 48	2 9	15 31	2 41	9 12	0 35	2 28	1 16	12 10	2 30	17 53	0 19	22 10	1 14	12 54	10 0	7 24	7 0	16 6	10 53	1 28
T 29	23 14	10 18	4 18	23 31	2 7	15 49	2 40	9 23	0 37	2 30	1 16	12 10	2 30	17 54	0 19	22 10	1 14	12 54	10 0	7 25	7 1	16 5	10 55	1 28
F 30	23 10	13 42	4 49	23 12	2 4	16 7	2 40	9 35	0 38	2 32	1 17	12 9	2 29	17 54	0 19	22 10	1 14	12 54	10 0	7 28	7 2	16 4	10 56	1 28
S 31	23s 6	16s25	5n 4	22s52	2s 0	16s24	2n39	9n46	0n39	2s33	1n17	12n 9	2s29	17s55	0n19	22s10	1n14	12n54	9s59	7n31	7n 4	16n 3	10s58	1s28

Julian Day Number = 2505204.5, Delta T = 119.57 sec
Ecliptic obliquity = 23°25'03, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°47'35, Lahiri = 25°54'36

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ASTRODIENST EPHEMERIS for the year 2147
geocentric

JANUARY 2147 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 26	10♑11'14	21♐26	27♑36	26♏ 4	24♈ 5	9♎30	9°R 4	21♏56	27♐47	17°R47	10°R37	11♍56	4♌45	24♎54	S 1
M 2	6 45 23	11°12'24	6♑28	29° 2	27°14	24°33	9°34	9♉ 3	21°59	27°49	17♊46	10♍28	11°53	4°52	24°58	M 2
T 3	6 49 19	12°13'35	21°40	0♒25	28°23	25° 2	9°39	9° 2	22° 2	27°51	17°45	10°19	11°50	4°58	25° 3	T 3
W 4	6 53 16	13°14'45	6♒51	1°46	29°33	25°30	9°43	9° 1	22° 5	27°53	17°44	10°13	11°46	5° 5	25° 7	W 4
T 5	6 57 13	14°15'55	21°51	3° 5	0♐43	25°59	9°46	9° 1	22° 7	27°55	17°42	10° 9	11°43	5°12	25°11	T 5
F 6	7 1 9	15°17'05	6♓32	4°19	1°53	26°29	9°50	9° 0	22°10	27°58	17°41	10°D 7	11°40	5°18	25°15	F 6
S 7	7 5 6	16°18'15	20°51	5°30	3° 3	26°58	9°53	9° 0	22°13	28° 0	17°40	10° 8	11°37	5°25	25°19	S 7
S 8	7 9 2	17°19'25	4♈45	6°35	4°13	27°28	9°57	8°59	22°15	28° 2	17°39	10° 9	11°34	5°32	25°23	S 8
M 9	7 12 59	18°20'34	18°16	7°35	5°23	27°58	10° 0	8°59	22°18	28° 4	17°39	10°R 9	11°31	5°38	25°27	M 9
T 10	7 16 55	19°21'42	1♉25	8°29	6°34	28°28	10° 3	8°59	22°20	28° 6	17°38	10° 8	11°27	5°45	25°30	T 10
W11	7 20 52	20°22'50	14°15	9°16	7°45	28°58	10° 5	8°D59	22°22	28° 8	17°37	10° 5	11°24	5°52	25°34	W11
T 12	7 24 48	21°23'58	26°51	9°55	8°55	29°28	10° 8	8°59	22°25	28°11	17°36	10° 0	11°21	5°59	25°37	T 12
F 13	7 28 45	22°25'06	9♊13	10°24	10° 6	29°59	10°10	8°59	22°27	28°13	17°35	9°53	11°18	6° 5	25°40	F 13
S 14	7 32 42	23°26'13	21°26	10°44	11°17	0♋30	10°13	9° 0	22°29	28°15	17°34	9°45	11°15	6°12	25°43	S 14
S 15	7 36 38	24°27'19	3♋30	10°R53	12°28	1° 1	10°15	9° 0	22°32	28°17	17°33	9°35	11°12	6°19	25°46	S 15
M16	7 40 35	25°28'25	15°29	10°51	13°39	1°32	10°16	9° 1	22°34	28°19	17°32	9°26	11° 8	6°25	25°49	M16
T 17	7 44 31	26°29'31	27°22	10°37	14°50	2° 3	10°18	9° 1	22°36	28°21	17°31	9°19	11° 5	6°32	25°52	T 17
W18	7 48 28	27°30'36	9♌12	10°12	16° 1	2°35	10°19	9° 2	22°38	28°23	17°30	9°13	11° 2	6°39	25°55	W18
T 19	7 52 24	28°31'41	21° 0	9°34	17°13	3° 6	10°21	9° 3	22°40	28°25	17°29	9° 9	10°59	6°45	25°57	T 19
F 20	7 56 21	29°32'45	2♍49	8°47	18°24	3°38	10°22	9° 4	22°42	28°27	17°29	9° 7	10°56	6°52	26° 0	F 20
S 21	8 0 17	0♒33'50	14°42	7°49	19°36	4°10	10°23	9° 5	22°44	28°29	17°28	9°D 7	10°52	6°59	26° 2	S 21
S 22	8 4 14	1°34'53	26°41	6°43	20°47	4°42	10°23	9° 6	22°46	28°31	17°27	9° 8	10°49	7° 5	26° 4	S 22
M23	8 8 11	2°35'56	8♎52	5°31	21°59	5°14	10°24	9° 8	22°48	28°33	17°26	9°10	10°46	7°12	26° 6	M23
T 24	8 12 7	3°36'59	21°18	4°15	23°11	5°47	10°24	9° 9	22°50	28°35	17°25	9°11	10°43	7°19	26° 8	T 24
W25	8 16 4	4°38'02	4♏ 4	2°58	24°22	6°19	10°R24	9°11	22°52	28°37	17°25	9°R12	10°40	7°25	26°10	W25
T 26	8 20 0	5°39'04	17°13	1°42	25°34	6°52	10°24	9°12	22°53	28°39	17°24	9°11	10°37	7°32	26°12	T 26
F 27	8 23 57	6°40'06	0♐51	0°28	26°46	7°24	10°24	9°14	22°55	28°41	17°23	9° 9	10°33	7°39	26°14	F 27
S 28	8 27 53	7°41'07	14°56	29♑19	27°58	7°57	10°23	9°16	22°57	28°43	17°23	9° 6	10°30	7°45	26°15	S 28
S 29	8 31 50	8°42'08	29°29	28°17	29°11	8°30	10°23	9°18	22°58	28°44	17°22	9° 1	10°27	7°52	26°17	S 29
M30	8 35 46	9°43'08	14♑25	27°22	0♑23	9° 3	10°22	9°20	23° 0	28°46	17°21	8°57	10°24	7°59	26°18	M30
T 31	8 39 43	10♒44'08	29♑36	26♑36	1♑35	9♑36	10♎21	9♑22	23♏ 1	28♐48	17♊21	8♍53	10♍21	8♌ 5	26♎19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 2	18s10	4n59	22s30	1s55	16s41	2n38	9n58	0n41	2s35	1n17	12n 9	2s29	17s56	0n19	22s10	1n14	12n54	9s59	7n35	7n 5	16n 2	10s59	1s28
M 2	22 57	18 42	4 34	22 7	1 50	16 58	2 37	10 9	0 42	2 36	1 17	12 9	2 28	17 57	0 19	22 10	1 14	12 54	9 59	7 38	7 6	16 1	11 1	1 27
T 3	22 51	17 54	3 49	21 44	1 44	17 15	2 36	10 21	0 43	2 38	1 18	12 9	2 28	17 57	0 19	22 10	1 14	12 55	9 59	7 42	7 7	16 0	11 2	1 27
W 4	22 46	15 49	2 48	21 19	1 37	17 31	2 35	10 33	0 44	2 39	1 18	12 9	2 28	17 58	0 19	22 11	1 14	12 55	9 59	7 44	7 8	15 59	11 4	1 27
T 5	22 39	12 41	1 36	20 53	1 29	17 46	2 34	10 44	0 46	2 40	1 18	12 9	2 28	17 59	0 19	22 11	1 14	12 55	9 59	7 45	7 10	15 58	11 5	1 27
F 6	22 33	8 48	0 19	20 27	1 20	18 2	2 33	10 56	0 47	2 41	1 19	12 9	2 27	17 59	0 19	22 11	1 14	12 55	9 59	7 46	7 11	15 58	11 6	1 27
S 7	22 25	4 30	0s57	20 1	1 10	18 17	2 31	11 8	0 48	2 42	1 19	12 10	2 27	18 0	0 19	22 11	1 14	12 55	9 58	7 46	7 12	15 57	11 8	1 27
S 8	22 18	0 5	2 9	19 34	0 59	18 31	2 30	11 19	0 49	2 43	1 19	12 10	2 27	18 1	0 19	22 11	1 14	12 55	9 58	7 45	7 13	15 56	11 9	1 26
M 9	22 10	4n13	3 10	19 7	0 47	18 45	2 28	11 31	0 50	2 44	1 19	12 10	2 26	18 1	0 19	22 11	1 14	12 55	9 58	7 45	7 14	15 55	11 10	1 26
T 10	22 1	8 11	4 1	18 40	0 34	18 59	2 26	11 43	0 51	2 45	1 20	12 10	2 26	18 2	0 19	22 11	1 14	12 55	9 58	7 46	7 16	15 54	11 11	1 26
W11	21 52	11 41	4 37	18 15	0 20	19 12	2 24	11 55	0 52	2 46	1 20	12 10	2 26	18 2	0 19	22 11	1 14	12 55	9 58	7 47	7 17	15 53	11 12	1 26
T 12	21 43	14 34	5 0	17 50	0 5	19 25	2 23	12 6	0 53	2 47	1 20	12 11	2 26	18 3	0 19	22 11	1 14	12 55	9 58	7 49	7 18	15 52	11 13	1 26
F 13	21 33	16 45	5 8	17 26	0n11	19 38	2 21	12 18	0 54	2 48	1 20	12 11	2 25	18 4	0 19	22 11	1 14	12 55	9 58	7 51	7 19	15 51	11 15	1 26
S 14	21 23	18 8	5 1	17 5	0 28	19 50	2 18	12 30	0 55	2 48	1 21	12 11	2 25	18 4	0 19	22 11	1 14	12 55	9 57	7 55	7 20	15 50	11 15	1 25
S 15	21 13	18 41	4 42	16 45	0 46	20 1	2 16	12 42	0 56	2 49	1 21	12 12	2 25	18 5	0 19	22 11	1 14	12 55	9 57	7 58	7 22	15 49	11 16	1 25
M16	21 2	18 23	4 10	16 28	1 4	20 12	2 14	12 53	0 57	2 49	1 21	12 12	2 24	18 5	0 19	22 11	1 14	12 55	9 57	8 1	7 23	15 48	11 17	1 25
T 17	20 50	17 17	3 27	16 14	1 23	20 22	2 12	13 5	0 58	2 50	1 21	12 13	2 24	18 6	0 19	22 11	1 14	12 56	9 57	8 4	7 24	15 47	11 18	1 25
W18	20 38	15 26	2 35	16 3	1 41	20 32	2 9	13 17	0 59	2 50	1 22	12 13	2 24	18 6	0 19	22 11	1 14	12 56	9 57	8 7	7 25	15 47	11 19	1 25
T 19	20 26	12 57	1 37	15 55	2 0	20 42	2 7	13 28	1 0	2 50	1 22	12 14	2 23	18 7	0 19	22 11	1 14	12 56	9 56	8 8	7 27	15 46	11 20	1 25
F 20	20 14	9 56	0 34	15 50	2 17	20 51	2 5	13 40	1 1	2 50	1 22	12 15	2 23	18 7	0 19	22 11	1 14	12 56	9 56	8 9	7 28	15 45	11 21	1 24
S 21	20 1	6 29	0n30	15 49	2 34	20 59	2 2	13 52	1 1	2 50	1 23	12 15	2 23	18 8	0 19	22 11	1 14	12 56	9 56	8 9	7 29	15 44	11 21	1 24
S 22	19 47	2 46	1 35	15 51	2 49	21 7	1 59	14 3	1 2	2 50	1 23	12 16	2 23	18 8	0 19	22 11	1 14	12 56	9 56	8 8	7 30	15 43	11 22	1 24
M23	19 34	1s 8	2 35	15 55	3 2	21 14	1 57	14 15	1 3	2 50	1 23	12 17	2 22	18 9	0 19	22 11	1 14	12 56	9 56	8 8	7 31	15 42	11 22	1 24
T 24	19 20	5 3	3 30	16 3	3 14	21 21	1 54	14 26	1 4	2 50	1 23	12 17	2 22	18 9	0 19	22 11	1 14	12 56	9 56	8 7	7 33	15 41	11 23	1 24
W25	19 5	8 50	4 16	16 12	3 22	21 27	1 51	14 38	1 4	2 50	1 24	12 18	2 22	18 10	0 19	22 11	1 14	12 57	9 55	8 7	7 34	15 40	11 24	1 24
T 26	18 50	12 19	4 51	16 23	3 28	21 32	1 48	14 49	1 5	2 50	1 24	12 19	2 21	18 10	0 19	22 11	1 14	12 57	9 55	8 7	7 35	15 39	11 24	1 23
F 27	18 35	15 15	5 10	16 35	3 32	21 37	1 46	15 0	1 6	2 49	1 24	12 20	2 21	18 11	0 19	22 11	1 14	12 57	9 55	8 8	7 36	15 38	11 24	1 23
S 28	18 20	17 24	5 11	16 48	3 33	21 42	1 43	15 12	1 7	2 49	1 24	12 21	2 21	18 11	0 19	22 11	1 14	12 57	9 55	8 9	7 37	15 37	11 25	1 23
S 29	18 4	18 31	4 54	17 1	3 32	21 45	1 40	15 23	1 7	2 48	1 25	12 21	2 20	18 11	0 19	22 11	1 14	12 57	9 54	8 11	7 39	15 36	11 25	1 23
M30	17 48	18 24	4 15	17 15	3 29	21 48	1 37	15 34	1 8	2 48	1 25	12 22	2 20	18 12	0 19	22 11	1 14	12 57	9 54	8 13	7 40	15 35	11 25	1 23
T 31	17s32	16s58	3n19	17s29	3n24	21s51	1n34	15n46	1n 8	2s47	1n25	12n23	2s20	18s12	0n19	22s11	1n14	12n57	9s54	8n14	7n41	15n34	11s26	1s22

Julian Day Number = 2505235.5, Delta T = 119.63 sec
Ecliptic obliquity = 23°25'03, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°47'40, Lahiri = 25°54'40

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ASTRODIENST EPHEMERIS for the year 2147
geocentric

FEBRUARY 2147 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 43 40	11♒45'06	14♒52	25°R58	2♑47	10♉10	10°R20	9♉25	23♏ 3	28♐50	17°R20	8°R50	10♍18	8♌12	26♎20	W 1
T 2	8 47 36	12°46'04	0♓ 3	25♑29	4° 0	10°43	10♎18	9°27	23° 4	28°52	17♊19	8♍48	10°14	8°19	26°21	T 2
F 3	8 51 33	13°47'00	15° 0	25° 9	5°12	11°17	10°16	9°29	23° 5	28°53	17°19	8°D48	10°11	8°25	26°22	F 3
S 4	8 55 29	14°47'55	29°35	24°58	6°24	11°50	10°15	9°32	23° 7	28°55	17°18	8°49	10° 8	8°32	26°22	S 4
S 5	8 59 26	15°48'49	13♈45	24°D54	7°37	12°24	10°13	9°35	23° 8	28°57	17°18	8°51	10° 5	8°39	26°23	S 5
M 6	9 3 22	16°49'42	27°27	24°58	8°49	12°58	10°10	9°38	23° 9	28°59	17°17	8°52	10° 2	8°45	26°23	M 6
T 7	9 7 19	17°50'33	10♉43	25° 9	10° 2	13°32	10° 8	9°41	23°10	29° 0	17°17	8°53	9°58	8°52	26°24	T 7
W 8	9 11 15	18°51'23	23°36	25°27	11°15	14° 6	10° 6	9°44	23°11	29° 2	17°16	8°R53	9°55	8°59	26°24	W 8
T 9	9 15 12	19°52'11	6♊ 9	25°51	12°27	14°40	10° 3	9°47	23°12	29° 3	17°16	8°52	9°52	9° 5	26°R24	T 9
F 10	9 19 9	20°52'58	18°26	26°20	13°40	15°14	10° 0	9°50	23°13	29° 5	17°15	8°51	9°49	9°12	26°24	F 10
S 11	9 23 5	21°53'44	0♋32	26°55	14°53	15°48	9°57	9°53	23°14	29° 7	17°15	8°48	9°46	9°19	26°24	S 11
S 12	9 27 2	22°54'28	12°28	27°34	16° 5	16°23	9°53	9°57	23°15	29° 8	17°14	8°46	9°43	9°25	26°23	S 12
M13	9 30 58	23°55'11	24°20	28°18	17°18	16°57	9°50	10° 0	23°15	29°10	17°14	8°43	9°39	9°32	26°23	M13
T 14	9 34 55	24°55'52	6♌ 9	29° 5	18°31	17°32	9°46	10° 4	23°16	29°11	17°14	8°41	9°36	9°39	26°22	T 14
W15	9 38 51	25°56'31	17°58	29°56	19°44	18° 6	9°43	10° 8	23°17	29°13	17°13	8°39	9°33	9°45	26°22	W15
T 16	9 42 48	26°57'10	29°49	0♒51	20°57	18°41	9°39	10°11	23°17	29°14	17°13	8°39	9°30	9°52	26°21	T 16
F 17	9 46 44	27°57'46	11♍44	1°48	22°10	19°15	9°34	10°15	23°18	29°15	17°13	8°D38	9°27	9°59	26°20	F 17
S 18	9 50 41	28°58'22	23°45	2°48	23°23	19°50	9°30	10°19	23°18	29°17	17°12	8°39	9°23	10° 5	26°19	S 18
S 19	9 54 38	29°58'56	5♎54	3°51	24°36	20°25	9°26	10°23	23°19	29°18	17°12	8°39	9°20	10°12	26°18	S 19
M20	9 58 34	0♓59'29	18°14	4°56	25°49	21° 0	9°21	10°28	23°19	29°19	17°12	8°40	9°17	10°19	26°17	M20
T 21	10 2 31	2° 0'00	0♏47	6° 4	27° 2	21°35	9°16	10°32	23°20	29°21	17°12	8°41	9°14	10°25	26°16	T 21
W22	10 6 27	3° 0'31	13°37	7°13	28°15	22°10	9°11	10°36	23°20	29°22	17°12	8°42	9°11	10°32	26°14	W22
T 23	10 10 24	4° 1'00	26°45	8°25	29°28	22°45	9° 6	10°41	23°20	29°23	17°11	8°42	9° 8	10°39	26°13	T 23
F 24	10 14 20	5° 1'27	10♐15	9°38	0♒41	23°20	9° 1	10°45	23°20	29°24	17°11	8°R42	9° 4	10°45	26°11	F 24
S 25	10 18 17	6° 1'54	24° 8	10°53	1°54	23°55	8°55	10°50	23°20	29°26	17°11	8°42	9° 1	10°52	26° 9	S 25
S 26	10 22 13	7° 2'19	8♑23	12°10	3° 8	24°31	8°50	10°55	23°20	29°27	17°11	8°42	8°58	10°58	26° 7	S 26
M27	10 26 10	8° 2'43	22°59	13°28	4°21	25° 6	8°44	10°59	23°R20	29°28	17°11	8°42	8°55	11° 5	26° 5	M27
T 28	10 30 7	9♓ 3'05	7♒52	14♒48	5♒34	25♉41	8♎38	11♉ 4	23♏20	29♐29	17♊11	8°D42	8♍52	11♌12	26♎ 3	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s15	14s19	2n 8	17s42	3n17	21s53	1n31	15n57	1n 9	2s46	1n26	12n24	2s20	18s12	0n19	22s11	1n14	12n58	9s54	8n15	7n42	15n33	11s26	1s22
T 2	16 58	10 42	0 48	17 55	3 9	21 54	1 27	16 8	1 10	2 46	1 26	12 25	2 19	18 13	0 19	22 11	1 14	12 58	9 54	8 16	7 43	15 32	11 26	1 22
F 3	16 40	6 26	0s34	18 8	3 0	21 55	1 24	16 19	1 10	2 45	1 26	12 26	2 19	18 13	0 19	22 11	1 14	12 58	9 53	8 16	7 45	15 31	11 26	1 22
S 4	16 23	1 53	1 52	18 20	2 50	21 55	1 21	16 30	1 11	2 44	1 26	12 28	2 19	18 13	0 19	22 11	1 14	12 58	9 53	8 15	7 46	15 30	11 26	1 22
S 5	16 5	2n38	3 1	18 30	2 40	21 54	1 18	16 41	1 11	2 43	1 27	12 29	2 18	18 14	0 19	22 11	1 14	12 58	9 53	8 15	7 47	15 29	11 26	1 22
M 6	15 47	6 52	3 57	18 40	2 29	21 53	1 15	16 51	1 12	2 42	1 27	12 30	2 18	18 14	0 19	22 11	1 14	12 58	9 53	8 14	7 48	15 28	11 26	1 21
T 7	15 28	10 37	4 39	18 50	2 18	21 51	1 11	17 2	1 12	2 41	1 27	12 31	2 18	18 14	0 19	22 11	1 14	12 59	9 52	8 14	7 49	15 27	11 26	1 21
W 8	15 10	13 44	5 5	18 58	2 6	21 49	1 8	17 13	1 13	2 39	1 27	12 32	2 18	18 15	0 19	22 11	1 14	12 59	9 52	8 14	7 51	15 26	11 26	1 21
T 9	14 51	16 8	5 16	19 5	1 55	21 46	1 5	17 24	1 13	2 38	1 28	12 34	2 17	18 15	0 19	22 11	1 14	12 59	9 52	8 14	7 52	15 25	11 26	1 21
F 10	14 31	17 45	5 12	19 11	1 43	21 42	1 2	17 34	1 14	2 37	1 28	12 35	2 17	18 15	0 19	22 11	1 14	12 59	9 52	8 15	7 53	15 24	11 26	1 21
S 11	14 12	18 31	4 54	19 16	1 31	21 37	0 58	17 45	1 14	2 35	1 28	12 36	2 17	18 15	0 19	22 11	1 14	12 59	9 52	8 16	7 54	15 23	11 25	1 20
S 12	13 52	18 28	4 23	19 19	1 20	21 32	0 55	17 55	1 15	2 34	1 28	12 37	2 17	18 15	0 19	22 11	1 14	13 0	9 51	8 17	7 55	15 22	11 25	1 20
M13	13 32	17 36	3 42	19 22	1 9	21 27	0 52	18 5	1 15	2 32	1 29	12 39	2 16	18 16	0 19	22 11	1 14	13 0	9 51	8 18	7 57	15 21	11 25	1 20
T 14	13 12	15 58	2 51	19 23	0 57	21 21	0 48	18 15	1 16	2 30	1 29	12 40	2 16	18 16	0 19	22 11	1 14	13 0	9 51	8 18	7 58	15 20	11 24	1 20
W15	12 52	13 39	1 52	19 23	0 46	21 14	0 45	18 26	1 16	2 29	1 29	12 42	2 16	18 16	0 19	22 11	1 14	13 0	9 51	8 19	7 59	15 19	11 24	1 20
T 16	12 31	10 46	0 49	19 22	0 36	21 6	0 42	18 36	1 17	2 27	1 29	12 43	2 15	18 16	0 19	22 11	1 14	13 0	9 50	8 19	8 0	15 18	11 24	1 19
F 17	12 10	7 25	0n17	19 20	0 25	20 58	0 38	18 45	1 17	2 25	1 29	12 44	2 15	18 16	0 19	22 11	1 14	13 1	9 50	8 19	8 1	15 17	11 23	1 19
S 18	11 49	3 45	1 23	19 16	0 15	20 49	0 35	18 55	1 17	2 23	1 30	12 46	2 15	18 16	0 19	22 11	1 14	13 1	9 50	8 19	8 2	15 16	11 22	1 19
S 19	11 28	0s 7	2 26	19 11	0 5	20 40	0 32	19 5	1 18	2 21	1 30	12 47	2 15	18 16	0 19	22 11	1 14	13 1	9 50	8 19	8 4	15 15	11 22	1 19
M20	11 7	4 1	3 23	19 5	0s 5	20 30	0 28	19 15	1 18	2 19	1 30	12 49	2 14	18 16	0 19	22 11	1 14	13 1	9 49	8 19	8 5	15 14	11 21	1 18
T 21	10 45	7 49	4 11	18 58	0 14	20 19	0 25	19 24	1 18	2 17	1 30	12 51	2 14	18 17	0 19	22 11	1 14	13 2	9 49	8 18	8 6	15 13	11 21	1 18
W22	10 24	11 19	4 48	18 49	0 23	20 8	0 22	19 34	1 19	2 15	1 31	12 52	2 14	18 17	0 19	22 11	1 14	13 2	9 49	8 18	8 7	15 12	11 20	1 18
T 23	10 2	14 22	5 11	18 39	0 32	19 57	0 19	19 43	1 19	2 13	1 31	12 54	2 14	18 17	0 19	22 11	1 14	13 2	9 49	8 18	8 8	15 11	11 19	1 18
F 24	9 40	16 43	5 18	18 28	0 40	19 44	0 15	19 52	1 19	2 11	1 31	12 55	2 13	18 17	0 19	22 11	1 14	13 2	9 48	8 18	8 10	15 10	11 18	1 18
S 25	9 17	18 11	5 7	18 15	0 48	19 31	0 12	20 1	1 20	2 8	1 31	12 57	2 13	18 17	0 19	22 11	1 14	13 2	9 48	8 18	8 11	15 9	11 17	1 17
S 26	8 55	18 33	4 36	18 2	0 56	19 18	0 9	20 10	1 20	2 6	1 31	12 59	2 13	18 17	0 19	22 10	1 15	13 3	9 48	8 18	8 12	15 8	11 16	1 17
M27	8 33	17 43	3 48	17 47	1 3	19 4	0 6	20 19	1 20	2 3	1 32	13 0	2 13	18 17	0 19	22 10	1 15	13 3	9 48	8 18	8 13	15 7	11 15	1 17
T 28	8s10	15s39	2n43	17s30	1s10	18s49	0n 2	20n28	1n21	2s 1	1n32	13n 2	2s12	18s17	0n19	22s10	1n15	13n 3	9s47	8n18	8n14	15n 6	11s14	1s17

Julian Day Number = 2505266.5, Delta T = 119.68 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°47'44, Lahiri = 25°54'44

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ASTRODIENST EPHEMERIS for the year 2147
geocentric

MARCH 2147 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 34 3	10♓ 3'26	22♒54	16♒ 9	6♒47	26♉17	8°R32	11♉ 9	23°R20	29♐30	17°R11	8♍42	8♍49	11♌18	26°R 1	W 1
T 2	10 38 0	11° 3'45	7♓58	17°32	8° 1	26°52	8♎26	11°14	23♏20	29°31	17°D11	8°R42	8°45	11°25	25♎59	T 2
F 3	10 41 56	12° 4'03	22°53	18°55	9°14	27°28	8°20	11°19	23°20	29°32	17♊11	8°42	8°42	11°32	25°56	F 3
S 4	10 45 53	13° 4'18	7♈34	20°20	10°27	28° 3	8°14	11°24	23°20	29°33	17°11	8°41	8°39	11°38	25°54	S 4
S 5	10 49 49	14° 4'32	21°52	21°47	11°41	28°39	8° 7	11°30	23°19	29°34	17°11	8°41	8°36	11°45	25°51	S 5
M 6	10 53 46	15° 4'44	5♉45	23°14	12°54	29°15	8° 1	11°35	23°19	29°35	17°11	8°40	8°33	11°52	25°48	M 6
T 7	10 57 42	16° 4'53	19°11	24°43	14° 7	29°50	7°54	11°40	23°19	29°36	17°11	8°39	8°29	11°58	25°46	T 7
W 8	11 1 39	17° 5'01	2♊11	26°13	15°21	0♊26	7°47	11°46	23°18	29°36	17°11	8°39	8°26	12° 5	25°43	W 8
T 9	11 5 35	18° 5'07	14°48	27°44	16°34	1° 2	7°40	11°51	23°18	29°37	17°11	8°D38	8°23	12°12	25°40	T 9
F 10	11 9 32	19° 5'10	27° 7	29°16	17°48	1°38	7°33	11°57	23°17	29°38	17°12	8°38	8°20	12°18	25°37	F 10
S 11	11 13 29	20° 5'12	9♋11	0♓50	19° 1	2°13	7°26	12° 3	23°16	29°39	17°12	8°39	8°17	12°25	25°33	S 11
S 12	11 17 25	21° 5'11	21° 5	2°24	20°15	2°49	7°19	12° 9	23°16	29°39	17°12	8°40	8°14	12°32	25°30	S 12
M13	11 21 22	22° 5'08	2♌54	4° 0	21°28	3°25	7°12	12°14	23°15	29°40	17°12	8°41	8°10	12°38	25°27	M13
T 14	11 25 18	23° 5'03	14°42	5°37	22°41	4° 1	7° 5	12°20	23°14	29°41	17°13	8°43	8° 7	12°45	25°23	T 14
W15	11 29 15	24° 4'56	26°32	7°15	23°55	4°37	6°57	12°26	23°13	29°41	17°13	8°44	8° 4	12°52	25°20	W15
T 16	11 33 11	25° 4'47	8♍28	8°54	25° 8	5°13	6°50	12°32	23°12	29°42	17°13	8°R44	8° 1	12°58	25°16	T 16
F 17	11 37 8	26° 4'35	20°32	10°34	26°22	5°49	6°42	12°38	23°11	29°42	17°13	8°44	7°58	13° 5	25°13	F 17
S 18	11 41 4	27° 4'22	2♎45	12°16	27°35	6°25	6°35	12°44	23°10	29°43	17°14	8°42	7°55	13°12	25° 9	S 18
S 19	11 45 1	28° 4'07	15°10	13°58	28°49	7° 2	6°27	12°51	23° 9	29°43	17°14	8°40	7°51	13°18	25° 5	S 19
M20	11 48 58	29° 3'50	27°47	15°42	0♓ 2	7°38	6°20	12°57	23° 8	29°44	17°14	8°37	7°48	13°25	25° 1	M20
T 21	11 52 54	0♈ 3'31	10♏38	17°28	1°16	8°14	6°12	13° 3	23° 7	29°44	17°15	8°34	7°45	13°32	24°58	T 21
W22	11 56 51	1° 3'10	23°42	19°14	2°29	8°50	6° 4	13°10	23° 6	29°44	17°15	8°30	7°42	13°38	24°54	W22
T 23	12 0 47	2° 2'48	7♐ 0	21° 2	3°43	9°26	5°57	13°16	23° 5	29°45	17°16	8°28	7°39	13°45	24°49	T 23
F 24	12 4 44	3° 2'24	20°33	22°50	4°57	10° 2	5°49	13°22	23° 3	29°45	17°16	8°26	7°35	13°52	24°45	F 24
S 25	12 8 40	4° 1'58	4♑21	24°41	6°10	10°39	5°41	13°29	23° 2	29°45	17°17	8°D26	7°32	13°58	24°41	S 25
S 26	12 12 37	5° 1'31	18°24	26°32	7°24	11°15	5°33	13°36	23° 1	29°46	17°17	8°26	7°29	14° 5	24°37	S 26
M27	12 16 33	6° 1'02	2♒41	28°25	8°37	11°51	5°26	13°42	22°59	29°46	17°18	8°27	7°26	14°12	24°33	M27
T 28	12 20 30	7° 0'31	17°10	0♈19	9°51	12°28	5°18	13°49	22°58	29°46	17°18	8°29	7°23	14°18	24°28	T 28
W29	12 24 27	7°59'58	1♓47	2°14	11° 4	13° 4	5°10	13°56	22°56	29°46	17°19	8°R30	7°20	14°25	24°24	W29
T 30	12 28 23	8°59'23	16°28	4°10	12°18	13°40	5° 2	14° 2	22°55	29°46	17°19	8°30	7°16	14°32	24°20	T 30
F 31	12 32 20	9♈58'47	1♈ 6	6♈ 8	13♓32	14♊17	4♎55	14♉ 9	22♏53	29♐46	17♊20	8♍28	7♍13	14♌38	24♎15	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	7s47	12s30	1n27	17s13	1s17	18s34	0s 1	20n37	1n21	1s59	1n32	13n 4	2s12	18s17	0n19	22s10	1n15	13n 3	9s47	8n18	8n16	15n 5	11s13	1s16	W 1
T 2	7 25	8 31	0 4	16 54	1 24	18 19	0 4	20 45	1 21	1 56	1 32	13 6	2 12	18 17	0 19	22 10	1 15	13 4	9 47	8 18	8 17	15 4	11 12	1 16	T 2
F 3	7 2	4 1	1s18	16 33	1 30	18 2	0 7	20 54	1 21	1 53	1 32	13 7	2 12	18 17	0 19	22 10	1 15	13 4	9 47	8 18	8 18	15 3	11 11	1 16	F 3
S 4	6 39	0n38	2 34	16 12	1 35	17 46	0 10	21 2	1 22	1 51	1 32	13 9	2 11	18 16	0 19	22 10	1 15	13 4	9 46	8 18	8 19	15 2	11 10	1 16	S 4
S 5	6 16	5 9	3 38	15 49	1 41	17 29	0 13	21 10	1 22	1 48	1 33	13 11	2 11	18 16	0 19	22 10	1 15	13 4	9 46	8 19	8 20	15 1	11 9	1 15	S 5
M 6	5 52	9 13	4 27	15 25	1 46	17 11	0 16	21 18	1 22	1 45	1 33	13 13	2 11	18 16	0 19	22 10	1 15	13 5	9 46	8 19	8 22	14 59	11 8	1 15	M 6
T 7	5 29	12 42	5 0	15 0	1 50	16 53	0 19	21 26	1 22	1 43	1 33	13 15	2 11	18 16	0 19	22 10	1 15	13 5	9 46	8 19	8 23	14 58	11 6	1 15	T 7
W 8	5 6	15 25	5 16	14 34	1 54	16 34	0 22	21 34	1 22	1 40	1 33	13 17	2 11	18 16	0 19	22 10	1 15	13 5	9 45	8 19	8 24	14 57	11 5	1 15	W 8
T 9	4 42	17 19	5 16	14 6	1 58	16 15	0 25	21 42	1 23	1 37	1 33	13 19	2 10	18 16	0 19	22 10	1 15	13 6	9 45	8 19	8 25	14 56	11 4	1 14	T 9
F 10	4 19	18 22	5 1	13 37	2 2	15 55	0 28	21 49	1 23	1 34	1 33	13 21	2 10	18 16	0 19	22 10	1 15	13 6	9 45	8 19	8 26	14 55	11 2	1 14	F 10
S 11	3 55	18 33	4 34	13 7	2 5	15 35	0 30	21 57	1 23	1 31	1 33	13 22	2 10	18 16	0 19	22 10	1 15	13 6	9 45	8 19	8 27	14 54	11 1	1 14	S 11
S 12	3 32	17 54	3 55	12 35	2 7	15 15	0 33	22 4	1 23	1 28	1 34	13 24	2 10	18 15	0 19	22 10	1 15	13 6	9 44	8 19	8 29	14 53	11 0	1 13	S 12
M13	3 8	16 28	3 6	12 3	2 10	14 54	0 36	22 11	1 23	1 25	1 34	13 26	2 10	18 15	0 19	22 10	1 15	13 7	9 44	8 18	8 30	14 52	10 58	1 13	M13
T 14	2 45	14 21	2 9	11 29	2 11	14 33	0 38	22 18	1 24	1 22	1 34	13 28	2 9	18 15	0 20	22 10	1 15	13 7	9 44	8 18	8 31	14 51	10 57	1 13	T 14
W15	2 21	11 36	1 7	10 54	2 13	14 11	0 41	22 25	1 24	1 19	1 34	13 30	2 9	18 15	0 20	22 10	1 15	13 7	9 44	8 17	8 32	14 50	10 55	1 13	W15
T 16	1 57	8 22	0 1	10 18	2 14	13 49	0 44	22 32	1 24	1 16	1 34	13 32	2 9	18 15	0 20	22 10	1 15	13 7	9 43	8 17	8 33	14 49	10 53	1 12	T 16
F 17	1 34	4 45	1n 5	9 40	2 14	13 26	0 46	22 38	1 24	1 13	1 34	13 34	2 9	18 14	0 20	22 10	1 15	13 8	9 43	8 17	8 35	14 48	10 52	1 12	F 17
S 18	1 10	0 53	2 9	9 1	2 14	13 3	0 48	22 45	1 24	1 10	1 34	13 36	2 9	18 14	0 20	22 10	1 15	13 8	9 43	8 18	8 36	14 46	10 50	1 12	S 18
S 19	0 46	3s 5	3 8	8 22	2 14	12 40	0 51	22 51	1 24	1 7	1 34	13 38	2 8	18 14	0 20	22 10	1 15	13 8	9 43	8 19	8 37	14 45	10 49	1 11	S 19
M20	0 22	6 58	3 59	7 41	2 13	12 17	0 53	22 57	1 24	1 4	1 34	13 40	2 8	18 14	0 20	22 10	1 15	13 9	9 42	8 20	8 38	14 44	10 47	1 11	M20
T 21	0n 1	10 35	4 38	6 59	2 12	11 53	0 55	23 3	1 25	1 1	1 34	13 42	2 8	18 13	0 20	22 10	1 15	13 9	9 42	8 21	8 39	14 43	10 45	1 11	T 21
W22	0 25	13 46	5 4	6 15	2 10	11 28	0 58	23 9	1 25	0 58	1 34	13 45	2 8	18 13	0 20	22 10	1 15	13 9	9 42	8 22	8 41	14 42	10 43	1 10	W22
T 23	0 49	16 17	5 15	5 31	2 8	11 4	1 0	23 15	1 25	0 55	1 34	13 47	2 8	18 13	0 20	22 10	1 15	13 9	9 42	8 23	8 42	14 41	10 42	1 10	T 23
F 24	1 12	17 58	5 8	4 46	2 5	10 39	1 2	23 20	1 25	0 52	1 34	13 49	2 7	18 12	0 20	22 10	1 15	13 10	9 41	8 24	8 43	14 40	10 40	1 10	F 24
S 25	1 36	18 38	4 43	3 59	2 2	10 14	1 4	23 25	1 25	0 49	1 34	13 51	2 7	18 12	0 20	22 10	1 15	13 10	9 41	8 24	8 44	14 39	10 38	1 10	S 25
S 26	2 0	18 10	4 2	3 11	1 58	9 48	1 6	23 31	1 25	0 46	1 35	13 53	2 7	18 12	0 20	22 10	1 15	13 10	9 41	8 24	8 45	14 38	10 36	1 9	S 26
M27	2 23	16 33	3 4	2 23	1 54	9 23	1 8	23 36	1 25	0 42	1 35	13 55	2 7	18 11	0 20	22 10	1 16	13 11	9 41	8 24	8 46	14 36	10 34	1 9	M27
T 28	2 47	13 51	1 55	1 33	1 49	8 57	1 10	23 41	1 25	0 39	1 35	13 57	2 7	18 11	0 20	22 10	1 16	13 11	9 40	8 23	8 48	14 35	10 32	1 9	T 28
W29	3 10	10 15	0 37	0 43	1 44	8 31	1 11	23 45	1 25	0 36	1 35	13 59	2 7	18 10	0 20	22 9	1 16	13 11	9 40	8 23	8 49	14 34	10 30	1 8	W29
T 30	3 34	6 0	0s44	0n 9	1 38	8 4	1 13	23 50	1 25	0 33	1 35	14 2	2 6	18 10	0 20	22 9	1 16	13 11	9 40	8 23	8 50	14 33	10 28	1 8	T 30
F 31	3n57	1s25	2s 1	1n 1	1s32	7s37	1s15	23n54	1n25	0s30	1n35	14n 4	2s 6	18s10	0n20	22s 9	1n16	13n12	9s40	8n23	8n51	14n32	10s27	1s 8	F 31

Julian Day Number = 2505294.5, Delta T = 119.74 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°47'48, Lahiri = 25°54'48

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ASTRODIENST EPHEMERIS for the year 2147
geocentric

APRIL 2147 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 16	10♈58'08	15♈34	8♈ 7	14♓45	14♊53	4°R47	14♉16	22°R52	29°R46	17♊21	8°R25	7♍10	14♌45	24°R11	S 1
S 2	12 40 13	11°57'27	29°47	10° 7	15°59	15°30	4♎39	14°23	22♏50	29♐46	17°21	8♍20	7° 7	14°52	24♎ 6	S 2
M 3	12 44 9	12°56'45	13♉39	12° 8	17°13	16° 6	4°32	14°30	22°48	29°46	17°22	8°15	7° 4	14°58	24° 2	M 3
T 4	12 48 6	13°56'00	27° 7	14°10	18°26	16°43	4°24	14°37	22°46	29°46	17°23	8° 9	7° 0	15° 5	23°57	T 4
W 5	12 52 2	14°55'13	10♊12	16°13	19°40	17°19	4°16	14°44	22°45	29°46	17°23	8° 4	6°57	15°11	23°52	W 5
T 6	12 55 59	15°54'23	22°53	18°16	20°53	17°56	4° 9	14°51	22°43	29°46	17°24	8° 0	6°54	15°18	23°48	T 6
F 7	12 59 55	16°53'32	5♋15	20°20	22° 7	18°32	4° 2	14°58	22°41	29°46	17°25	7°58	6°51	15°25	23°43	F 7
S 8	13 3 52	17°52'38	17°21	22°25	23°21	19° 9	3°54	15° 5	22°39	29°46	17°26	7°D57	6°48	15°31	23°38	S 8
S 9	13 7 49	18°51'42	29°16	24°29	24°34	19°46	3°47	15°13	22°37	29°45	17°26	7°57	6°45	15°38	23°34	S 9
M10	13 11 45	19°50'43	11♌ 5	26°33	25°48	20°22	3°40	15°20	22°35	29°45	17°27	7°59	6°41	15°45	23°29	M10
T 11	13 15 42	20°49'42	22°53	28°38	27° 1	20°59	3°32	15°27	22°33	29°45	17°28	8° 0	6°38	15°51	23°24	T 11
W12	13 19 38	21°48'39	4♍46	0♉41	28°15	21°35	3°25	15°34	22°31	29°44	17°29	8°R 1	6°35	15°58	23°19	W12
T 13	13 23 35	22°47'34	16°47	2°43	29°29	22°12	3°18	15°42	22°29	29°44	17°30	8° 1	6°32	16° 5	23°15	T 13
F 14	13 27 31	23°46'26	28°59	4°44	0♈42	22°49	3°11	15°49	22°27	29°44	17°31	7°59	6°29	16°11	23°10	F 14
S 15	13 31 28	24°45'17	11♎26	6°43	1°56	23°25	3° 5	15°56	22°25	29°43	17°32	7°54	6°26	16°18	23° 5	S 15
S 16	13 35 24	25°44'05	24° 8	8°40	3° 9	24° 2	2°58	16° 4	22°23	29°43	17°32	7°48	6°22	16°25	23° 1	S 16
M17	13 39 21	26°42'51	7♏ 7	10°35	4°23	24°39	2°51	16°11	22°21	29°42	17°33	7°40	6°19	16°31	22°56	M17
T 18	13 43 18	27°41'36	20°20	12°27	5°37	25°15	2°45	16°19	22°18	29°42	17°34	7°31	6°16	16°38	22°51	T 18
W19	13 47 14	28°40'18	3♐47	14°16	6°50	25°52	2°38	16°26	22°16	29°41	17°35	7°23	6°13	16°45	22°46	W19
T 20	13 51 11	29°38'59	17°26	16° 1	8° 4	26°29	2°32	16°34	22°14	29°41	17°36	7°16	6°10	16°51	22°42	T 20
F 21	13 55 7	0♑37'38	1♑14	17°43	9°17	27° 6	2°26	16°41	22°12	29°40	17°37	7°10	6° 6	16°58	22°37	F 21
S 22	13 59 4	1°36'16	15°10	19°21	10°31	27°42	2°20	16°49	22° 9	29°39	17°38	7° 7	6° 3	17° 5	22°32	S 22
S 23	14 3 0	2°34'52	29°12	20°55	11°45	28°19	2°14	16°56	22° 7	29°39	17°39	7°D 5	6° 0	17°11	22°28	S 23
M24	14 6 57	3°33'26	13♒20	22°24	12°58	28°56	2° 8	17° 4	22° 5	29°38	17°40	7° 6	5°57	17°18	22°23	M24
T 25	14 10 53	4°31'59	27°31	23°50	14°12	29°33	2° 3	17°11	22° 2	29°37	17°41	7° 6	5°54	17°25	22°19	T 25
W26	14 14 50	5°30'30	11♓45	25°10	15°25	0♋ 9	1°57	17°19	22° 0	29°37	17°42	7°R 7	5°51	17°31	22°14	W26
T 27	14 18 47	6°28'59	26° 0	26°26	16°39	0°46	1°52	17°27	21°58	29°36	17°43	7° 5	5°47	17°38	22°10	T 27
F 28	14 22 43	7°27'26	10♈11	27°37	17°53	1°23	1°47	17°34	21°55	29°35	17°45	7° 1	5°44	17°44	22° 5	F 28
S 29	14 26 40	8°25'52	24°16	28°43	19° 6	2° 0	1°41	17°42	21°53	29°34	17°46	6°55	5°41	17°51	22° 1	S 29
S 30	14 30 36	9♉24'17	8♉10	29♉44	20♈20	2♋37	1♎37	17♉50	21♏50	29♐33	17♊47	6♍46	5♍38	17♌58	21♎56	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n20	3n13	3s 9	1n54	1s25	7s10	1s16	23n59	1n25	0s27	1n35	14n 6	2s 6	18s 9	0n20	22s 9	1n16	13n12	9s39	8n24	8n52	14n31	10s25	1s 7
S 2	4 43	7 34	4 4	2 48	1 18	6 43	1 18	24 3	1 25	0 24	1 35	14 8	2 6	18 9	0 20	22 9	1 16	13 12	9 39	8 26	8 53	14 30	10 23	1 7
M 3	5 6	11 24	4 44	3 43	1 10	6 16	1 19	24 7	1 26	0 21	1 34	14 10	2 6	18 8	0 20	22 9	1 16	13 13	9 39	8 28	8 55	14 29	10 21	1 7
T 4	5 29	14 32	5 6	4 38	1 2	5 49	1 21	24 10	1 26	0 18	1 34	14 12	2 6	18 8	0 20	22 9	1 16	13 13	9 39	8 30	8 56	14 27	10 19	1 6
W 5	5 52	16 49	5 11	5 33	0 53	5 21	1 22	24 14	1 26	0 15	1 34	14 15	2 6	18 8	0 20	22 9	1 16	13 13	9 39	8 32	8 57	14 26	10 17	1 6
T 6	6 15	18 13	5 1	6 29	0 44	4 53	1 23	24 17	1 26	0 12	1 34	14 17	2 5	18 7	0 20	22 9	1 16	13 13	9 38	8 34	8 58	14 25	10 14	1 5
F 7	6 38	18 42	4 37	7 25	0 34	4 25	1 25	24 21	1 26	0 9	1 34	14 19	2 5	18 7	0 20	22 9	1 16	13 14	9 38	8 35	8 59	14 24	10 12	1 5
S 8	7 0	18 18	4 1	8 20	0 24	3 57	1 26	24 24	1 26	0 6	1 34	14 21	2 5	18 6	0 20	22 9	1 16	13 14	9 38	8 35	9 1	14 23	10 10	1 5
S 9	7 23	17 6	3 15	9 16	0 14	3 29	1 27	24 27	1 26	0 4	1 34	14 23	2 5	18 6	0 20	22 9	1 16	13 14	9 38	8 35	9 2	14 22	10 8	1 4
M10	7 45	15 10	2 21	10 11	0 3	3 1	1 28	24 30	1 26	0 1	1 34	14 26	2 5	18 5	0 20	22 9	1 16	13 15	9 37	8 34	9 3	14 20	10 6	1 4
T 11	8 7	12 36	1 21	11 6	0n 8	2 32	1 29	24 32	1 26	0n 2	1 34	14 28	2 5	18 5	0 20	22 9	1 16	13 15	9 37	8 34	9 4	14 19	10 4	1 4
W12	8 29	9 29	0 18	12 0	0 19	2 4	1 29	24 35	1 26	0 5	1 34	14 30	2 5	18 4	0 20	22 9	1 16	13 15	9 37	8 33	9 5	14 18	10 2	1 3
T 13	8 51	5 57	0n47	12 53	0 30	1 35	1 30	24 37	1 26	0 7	1 34	14 32	2 5	18 4	0 20	22 9	1 16	13 15	9 37	8 33	9 6	14 17	10 0	1 3
F 14	9 13	2 6	1 51	13 44	0 41	1 7	1 31	24 39	1 26	0 10	1 34	14 34	2 4	18 3	0 20	22 9	1 16	13 16	9 37	8 34	9 8	14 16	9 58	1 2
S 15	9 35	1s54	2 51	14 34	0 53	0 38	1 31	24 41	1 26	0 13	1 34	14 37	2 4	18 3	0 20	22 9	1 16	13 16	9 36	8 36	9 9	14 15	9 56	1 2
S 16	9 56	5 54	3 43	15 23	1 4	0 9	1 32	24 43	1 26	0 15	1 34	14 39	2 4	18 2	0 20	22 9	1 16	13 16	9 36	8 38	9 10	14 13	9 54	1 2
M17	10 18	9 42	4 25	16 10	1 14	0n20	1 32	24 44	1 26	0 18	1 33	14 41	2 4	18 1	0 20	22 9	1 16	13 17	9 36	8 41	9 11	14 12	9 51	1 1
T 18	10 39	13 6	4 53	16 55	1 25	0 48	1 33	24 45	1 26	0 20	1 33	14 43	2 4	18 1	0 20	22 9	1 16	13 17	9 36	8 44	9 12	14 11	9 49	1 1
W19	11 0	15 52	5 6	17 37	1 35	1 17	1 33	24 47	1 26	0 23	1 33	14 45	2 4	18 0	0 20	22 9	1 16	13 17	9 36	8 48	9 13	14 10	9 47	1 1
T 20	11 20	17 49	5 2	18 18	1 45	1 46	1 33	24 48	1 26	0 25	1 33	14 48	2 4	18 0	0 20	22 9	1 16	13 17	9 35	8 50	9 15	14 9	9 45	1 0
F 21	11 41	18 44	4 40	18 56	1 54	2 15	1 34	24 49	1 25	0 27	1 33	14 50	2 4	17 59	0 20	22 9	1 16	13 18	9 35	8 52	9 16	14 7	9 43	1 0
S 22	12 1	18 33	4 2	19 31	2 3	2 43	1 34	24 49	1 25	0 30	1 33	14 52	2 4	17 59	0 20	22 9	1 16	13 18	9 35	8 54	9 17	14 6	9 41	0 59
S 23	12 21	17 13	3 9	20 4	2 11	3 12	1 34	24 50	1 25	0 32	1 33	14 54	2 3	17 58	0 20	22 9	1 16	13 18	9 35	8 54	9 18	14 5	9 39	0 59
M24	12 41	14 49	2 4	20 35	2 18	3 41	1 34	24 50	1 25	0 34	1 32	14 57	2 3	17 57	0 20	22 9	1 16	13 19	9 35	8 54	9 19	14 4	9 37	0 59
T 25	13 1	11 31	0 51	21 2	2 24	4 9	1 34	24 50	1 25	0 36	1 32	14 59	2 3	17 57	0 20	22 9	1 16	13 19	9 34	8 54	9 20	14 3	9 35	0 58
W26	13 21	7 32	0s25	21 28	2 30	4 38	1 34	24 50	1 25	0 38	1 32	15 1	2 3	17 56	0 20	22 9	1 16	13 19	9 34	8 54	9 22	14 1	9 33	0 58
T 27	13 40	3 7	1 39	21 51	2 35	5 6	1 33	24 50	1 25	0 40	1 32	15 3	2 3	17 56	0 20	22 9	1 17	13 19	9 34	8 54	9 23	14 0	9 31	0 57
F 28	13 59	1n28	2 47	22 11	2 38	5 34	1 33	24 50	1 25	0 42	1 32	15 5	2 3	17 55	0 20	22 8	1 17	13 20	9 34	8 56	9 24	13 59	9 29	0 57
S 29	14 18	5 55	3 44	22 28	2 41	6 3	1 33	24 49	1 25	0 44	1 32	15 8	2 3	17 54	0 20	22 8	1 17	13 20	9 34	8 58	9 25	13 58	9 27	0 57
S 30	14n37	10n 0	4s27	22n44	2n43	6n31	1s32	24n48	1n25	0n46	1n31	15n10	2s 3	17s54	0n20	22s 8	1n17	13n20	9s34	9n 1	9n26	13n57	9s24	0s56

Julian Day Number = 2505325.5, Delta T = 119.79 sec
Ecliptic obliquity = 23°25'05, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°47'52, Lahiri = 25°54'52

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ASTRODIENST EPHEMERIS for the year 2147
geocentric

MAY 2147 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 34 33	10♉22'39	21♉48	0♊40	21♈33	3♋13	1°R32	17♉57	21°R48	29°R32	17♊48	6°R36	5♍35	18♌ 4	21°R52	M 1
T 2	14 38 29	11°21'00	5♊ 8	1°30	22°47	3°50	1♎27	18° 5	21♏45	29♐31	17°49	6♍25	5°32	18°11	21♎48	T 2
W 3	14 42 26	12°19'18	18° 7	2°16	24° 1	4°27	1°23	18°13	21°43	29°30	17°50	6°14	5°28	18°18	21°44	W 3
T 4	14 46 22	13°17'35	0♋47	2°56	25°14	5° 4	1°18	18°20	21°41	29°30	17°51	6° 6	5°25	18°24	21°39	T 4
F 5	14 50 19	14°15'50	13° 8	3°31	26°28	5°41	1°14	18°28	21°38	29°29	17°53	5°59	5°22	18°31	21°35	F 5
S 6	14 54 16	15°14'03	25°14	4° 0	27°41	6°18	1°10	18°36	21°36	29°28	17°54	5°55	5°19	18°38	21°31	S 6
S 7	14 58 12	16°12'14	7♌ 9	4°24	28°55	6°55	1° 6	18°44	21°33	29°26	17°55	5°53	5°16	18°44	21°27	S 7
M 8	15 2 9	17°10'22	18°59	4°43	0♌ 8	7°32	1° 3	18°51	21°30	29°25	17°56	5°D53	5°12	18°51	21°23	M 8
T 9	15 6 5	18° 8'29	0♍48	4°56	1°22	8° 8	0°59	18°59	21°28	29°24	17°57	5°R53	5° 9	18°58	21°20	T 9
W10	15 10 2	19° 6'34	12°42	5° 4	2°36	8°45	0°56	19° 7	21°25	29°23	17°59	5°53	5° 6	19° 4	21°16	W10
T 11	15 13 58	20° 4'37	24°46	5°R 7	3°49	9°22	0°53	19°14	21°23	29°22	18° 0	5°51	5° 3	19°11	21°12	T 11
F 12	15 17 55	21° 2'38	7♎ 4	5° 4	5° 3	9°59	0°50	19°22	21°20	29°21	18° 1	5°48	5° 0	19°18	21° 8	F 12
S 13	15 21 51	22° 0'38	19°41	4°57	6°16	10°36	0°47	19°30	21°18	29°20	18° 2	5°41	4°57	19°24	21° 5	S 13
S 14	15 25 48	22°58'35	2♏38	4°45	7°30	11°13	0°45	19°38	21°15	29°18	18° 4	5°33	4°53	19°31	21° 1	S 14
M15	15 29 44	23°56'31	15°56	4°29	8°43	11°50	0°42	19°45	21°13	29°17	18° 5	5°22	4°50	19°38	20°58	M15
T 16	15 33 41	24°54'26	29°32	4° 9	9°57	12°27	0°40	19°53	21°10	29°16	18° 6	5°10	4°47	19°44	20°54	T 16
W17	15 37 38	25°52'19	13♐25	3°45	11°10	13° 4	0°38	20° 1	21° 8	29°15	18° 7	4°58	4°44	19°51	20°51	W17
T 18	15 41 34	26°50'10	27°30	3°18	12°24	13°41	0°36	20° 8	21° 5	29°13	18° 9	4°48	4°41	19°58	20°48	T 18
F 19	15 45 31	27°48'00	11♑41	2°48	13°37	14°18	0°34	20°16	21° 3	29°12	18°10	4°40	4°37	20° 4	20°45	F 19
S 20	15 49 27	28°45'49	25°56	2°16	14°51	14°55	0°33	20°24	21° 0	29°11	18°11	4°34	4°34	20°11	20°42	S 20
S 21	15 53 24	29°43'37	10♒10	1°43	16° 4	15°32	0°31	20°32	20°58	29° 9	18°13	4°32	4°31	20°17	20°39	S 21
M22	15 57 20	0♊41'24	24°20	1° 9	17°18	16° 9	0°30	20°39	20°55	29° 8	18°14	4°31	4°28	20°24	20°36	M22
T 23	16 1 17	1°39'10	8♓26	0°34	18°32	16°46	0°29	20°47	20°53	29° 7	18°15	4°31	4°25	20°31	20°33	T 23
W24	16 5 14	2°36'54	22°27	29♉59	19°45	17°23	0°28	20°54	20°50	29° 5	18°17	4°30	4°22	20°37	20°31	W24
T 25	16 9 10	3°34'37	6♈21	29°25	20°59	18° 0	0°28	21° 2	20°48	29° 4	18°18	4°28	4°18	20°44	20°28	T 25
F 26	16 13 7	4°32'20	20° 9	28°53	22°12	18°37	0°27	21°10	20°45	29° 3	18°19	4°23	4°15	20°51	20°26	F 26
S 27	16 17 3	5°30'01	3♉48	28°23	23°26	19°14	0°27	21°17	20°43	29° 1	18°21	4°15	4°12	20°57	20°23	S 27
S 28	16 21 0	6°27'41	17°17	27°55	24°39	19°51	0°D27	21°25	20°41	29° 0	18°22	4° 5	4° 9	21° 4	20°21	S 28
M29	16 24 56	7°25'21	0♊34	27°30	25°53	20°28	0°27	21°32	20°38	28°58	18°23	3°53	4° 6	21°11	20°19	M29
T 30	16 28 53	8°22'59	13°36	27° 8	27° 6	21° 5	0°27	21°40	20°36	28°57	18°25	3°40	4° 3	21°17	20°17	T 30
W31	16 32 49	9♊20'35	26♊22	26♉50	28♉20	21♋42	0♎28	21♉47	20♏34	28♐55	18♊26	3♍28	3♍59	21♌24	20♎15	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n55	13n28	4s54	22n56	2n44	6n59	1s32	24n48	1n25	0n47	1n31	15n12	2s 3	17s53	0n20	22s 8	1n17	13n20	9s33	9n 5	9n27	13n55	9s22	0s56
T 2	15 13	16 9	5 3	23 7	2 43	7 27	1 31	24 46	1 25	0 49	1 31	15 14	2 3	17 52	0 20	22 8	1 17	13 21	9 33	9 9	9 29	13 54	9 21	0 55
W 3	15 31	17 57	4 57	23 14	2 42	7 54	1 31	24 45	1 25	0 51	1 31	15 16	2 3	17 52	0 20	22 8	1 17	13 21	9 33	9 13	9 30	13 53	9 19	0 55
T 4	15 49	18 49	4 36	23 20	2 39	8 22	1 30	24 44	1 25	0 52	1 31	15 18	2 3	17 51	0 20	22 8	1 17	13 21	9 33	9 16	9 31	13 52	9 17	0 54
F 5	16 6	18 45	4 3	23 23	2 36	8 49	1 29	24 42	1 25	0 54	1 31	15 21	2 3	17 51	0 20	22 8	1 17	13 21	9 33	9 19	9 32	13 50	9 15	0 54
S 6	16 23	17 49	3 19	23 24	2 31	9 16	1 28	24 40	1 24	0 55	1 30	15 23	2 3	17 50	0 20	22 8	1 17	13 22	9 33	9 20	9 33	13 49	9 13	0 54
S 7	16 40	16 6	2 27	23 23	2 25	9 43	1 27	24 38	1 24	0 56	1 30	15 25	2 3	17 49	0 20	22 8	1 17	13 22	9 32	9 21	9 34	13 48	9 11	0 53
M 8	16 57	13 43	1 29	23 19	2 18	10 10	1 26	24 36	1 24	0 58	1 30	15 27	2 3	17 49	0 20	22 8	1 17	13 22	9 32	9 21	9 36	13 47	9 9	0 53
T 9	17 13	10 46	0 27	23 13	2 10	10 36	1 25	24 34	1 24	0 59	1 30	15 29	2 2	17 48	0 20	22 8	1 17	13 22	9 32	9 21	9 37	13 45	9 7	0 52
W10	17 29	7 21	0n36	23 6	2 0	11 2	1 24	24 32	1 24	1 0	1 30	15 31	2 2	17 47	0 19	22 8	1 17	13 23	9 32	9 21	9 38	13 44	9 5	0 52
T 11	17 45	3 35	1 39	22 56	1 50	11 28	1 23	24 29	1 24	1 1	1 29	15 33	2 2	17 47	0 19	22 8	1 17	13 23	9 32	9 21	9 39	13 43	9 4	0 52
F 12	18 0	0s23	2 38	22 44	1 38	11 54	1 22	24 26	1 24	1 2	1 29	15 36	2 2	17 46	0 19	22 8	1 17	13 23	9 32	9 23	9 40	13 42	9 2	0 51
S 13	18 15	4 27	3 30	22 30	1 25	12 20	1 21	24 23	1 24	1 3	1 29	15 38	2 2	17 45	0 19	22 8	1 17	13 23	9 32	9 25	9 41	13 40	9 0	0 51
S 14	18 30	8 24	4 13	22 14	1 11	12 45	1 20	24 20	1 24	1 4	1 29	15 40	2 2	17 45	0 19	22 8	1 17	13 24	9 31	9 28	9 43	13 39	8 58	0 50
M15	18 44	12 3	4 44	21 57	0 57	13 10	1 18	24 17	1 23	1 4	1 28	15 42	2 2	17 44	0 19	22 8	1 17	13 24	9 31	9 32	9 44	13 38	8 57	0 50
T 16	18 59	15 9	5 0	21 38	0 41	13 34	1 17	24 13	1 23	1 5	1 28	15 44	2 2	17 43	0 19	22 8	1 17	13 24	9 31	9 37	9 45	13 37	8 55	0 49
W17	19 12	17 28	4 58	21 18	0 25	13 58	1 15	24 9	1 23	1 6	1 28	15 46	2 2	17 43	0 19	22 8	1 17	13 24	9 31	9 41	9 46	13 35	8 53	0 49
T 18	19 26	18 46	4 38	20 56	0 8	14 22	1 14	24 6	1 23	1 6	1 28	15 48	2 2	17 42	0 19	22 8	1 17	13 25	9 31	9 45	9 47	13 34	8 52	0 48
F 19	19 39	18 54	4 1	20 33	0s 9	14 46	1 12	24 2	1 23	1 7	1 28	15 50	2 2	17 41	0 19	22 8	1 17	13 25	9 31	9 48	9 48	13 33	8 50	0 48
S 20	19 52	17 51	3 9	20 10	0 26	15 9	1 11	23 57	1 23	1 7	1 27	15 52	2 2	17 41	0 19	22 8	1 17	13 25	9 31	9 49	9 50	13 32	8 49	0 48
S 21	20 4	15 40	2 5	19 46	0 44	15 32	1 9	23 53	1 23	1 7	1 27	15 54	2 2	17 40	0 19	22 8	1 17	13 25	9 31	9 50	9 51	13 30	8 47	0 47
M22	20 17	12 33	0 54	19 22	1 2	15 54	1 7	23 48	1 22	1 8	1 27	15 56	2 2	17 40	0 19	22 8	1 17	13 25	9 31	9 51	9 52	13 29	8 46	0 47
T 23	20 28	8 43	0s21	18 58	1 19	16 16	1 6	23 44	1 22	1 8	1 27	15 58	2 2	17 39	0 19	22 8	1 17	13 26	9 30	9 51	9 53	13 28	8 44	0 46
W24	20 40	4 26	1 33	18 34	1 36	16 38	1 4	23 39	1 22	1 8	1 26	16 0	2 2	17 38	0 19	22 8	1 17	13 26	9 30	9 51	9 54	13 27	8 43	0 46
T 25	20 51	0n 4	2 40	18 11	1 53	16 59	1 2	23 34	1 22	1 8	1 26	16 2	2 2	17 38	0 19	22 8	1 17	13 26	9 30	9 52	9 55	13 25	8 41	0 45
F 26	21 2	4 32	3 36	17 48	2 8	17 20	1 0	23 29	1 22	1 8	1 26	16 4	2 2	17 37	0 19	22 8	1 17	13 26	9 30	9 54	9 56	13 24	8 40	0 45
S 27	21 12	8 42	4 20	17 27	2 23	17 40	0 58	23 23	1 22	1 8	1 26	16 6	2 2	17 36	0 19	22 8	1 17	13 26	9 30	9 56	9 58	13 23	8 39	0 45
S 28	21 22	12 22	4 48	17 7	2 38	18 0	0 56	23 18	1 22	1 8	1 25	16 8	2 2	17 36	0 19	22 8	1 17	13 27	9 30	10 0	9 59	13 21	8 38	0 44
M29	21 32	15 21	5 0	16 48	2 51	18 20	0 54	23 12	1 21	1 7	1 25	16 10	2 2	17 35	0 19	22 8	1 17	13 27	9 30	10 5	10 0	13 20	8 36	0 44
T 30	21 41	17 31	4 56	16 32	3 3	18 39	0 52	23 6	1 21	1 7	1 25	16 12	2 2	17 35	0 19	22 8	1 17	13 27	9 30	10 9	10 1	13 19	8 35	0 43
W31	21n50	18n45	4s37	16n17	3s14	18n57	0s50	23n 0	1n21	1n 7	1n25	16n14	2s 2	17s34	0n19	22s 8	1n17	13n27	9s30	10n14	10n 2	13n17	8s34	0s43

Julian Day Number = 2505355.5, Delta T = 119.85 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°47'56, Lahiri = 25°54'57

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ASTRODIENST EPHEMERIS for the year 2147
geocentric

JUNE 2147 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 46	10♊18'11	8♋53	26°R35	29♉34	22♋19	0♎29	21♉55	20°R31	28°R54	18♊28	3°R17	3♍56	21♌31	20°R13	T 1
F 2	16 40 43	11°15'45	21° 8	26♉25	0♊47	22°56	0°29	22° 2	20♏29	28♐52	18°29	3♍ 9	3°53	21°37	20♎11	F 2
S 3	16 44 39	12°13'18	3♌11	26°19	2° 1	23°33	0°30	22°10	20°27	28°51	18°30	3° 3	3°50	21°44	20° 9	S 3
S 4	16 48 36	13°10'50	15° 5	26°D17	3°14	24°10	0°32	22°17	20°24	28°49	18°32	3° 0	3°47	21°51	20° 8	S 4
M 5	16 52 32	14° 8'21	26°53	26°20	4°28	24°47	0°33	22°25	20°22	28°48	18°33	2°59	3°43	21°57	20° 6	M 5
T 6	16 56 29	15° 5'50	8♍42	26°27	5°41	25°24	0°34	22°32	20°20	28°46	18°34	2°59	3°40	22° 4	20° 5	T 6
W 7	17 0 25	16° 3'18	20°35	26°39	6°55	26° 1	0°36	22°39	20°18	28°44	18°36	2°59	3°37	22°10	20° 4	W 7
T 8	17 4 22	17° 0'44	2♎40	26°55	8° 9	26°38	0°38	22°47	20°15	28°43	18°37	2°58	3°34	22°17	20° 3	T 8
F 9	17 8 18	17°58'10	15° 1	27°16	9°22	27°15	0°40	22°54	20°13	28°41	18°39	2°55	3°31	22°24	20° 2	F 9
S 10	17 12 15	18°55'34	27°42	27°41	10°36	27°53	0°42	23° 1	20°11	28°40	18°40	2°50	3°28	22°30	20° 1	S 10
S 11	17 16 12	19°52'57	10♏46	28°10	11°49	28°30	0°45	23° 8	20° 9	28°38	18°41	2°42	3°24	22°37	20° 0	S 11
M12	17 20 8	20°50'20	24°16	28°43	13° 3	29° 7	0°47	23°16	20° 7	28°36	18°43	2°33	3°21	22°44	19°59	M12
T 13	17 24 5	21°47'41	8♐ 9	29°21	14°16	29°44	0°50	23°23	20° 5	28°35	18°44	2°22	3°18	22°50	19°59	T 13
W14	17 28 1	22°45'01	22°23	0♊ 3	15°30	0♌21	0°53	23°30	20° 3	28°33	18°46	2°11	3°15	22°57	19°58	W14
T 15	17 31 58	23°42'21	6♑52	0°49	16°44	0°58	0°56	23°37	20° 1	28°32	18°47	2° 2	3°12	23° 4	19°58	T 15
F 16	17 35 54	24°39'41	21°29	1°38	17°57	1°35	0°59	23°44	19°59	28°30	18°48	1°55	3° 9	23°10	19°57	F 16
S 17	17 39 51	25°36'59	6♒ 7	2°32	19°11	2°13	1° 3	23°51	19°57	28°28	18°50	1°50	3° 5	23°17	19°57	S 17
S 18	17 43 47	26°34'17	20°40	3°29	20°24	2°50	1° 6	23°58	19°55	28°27	18°51	1°48	3° 2	23°24	19°D57	S 18
M19	17 47 44	27°31'35	5♓ 5	4°30	21°38	3°27	1°10	24° 5	19°54	28°25	18°52	1°D47	2°59	23°30	19°57	M19
T 20	17 51 41	28°28'52	19°17	5°34	22°52	4° 4	1°14	24°12	19°52	28°24	18°54	1°48	2°56	23°37	19°57	T 20
W21	17 55 37	29°26'09	3♈16	6°42	24° 5	4°41	1°18	24°18	19°50	28°22	18°55	1°R48	2°53	23°44	19°58	W21
T 22	17 59 34	0♋23'26	17° 1	7°54	25°19	5°18	1°22	24°25	19°48	28°20	18°57	1°47	2°49	23°50	19°58	T 22
F 23	18 3 30	1°20'43	0♉34	9° 9	26°32	5°56	1°27	24°32	19°47	28°19	18°58	1°43	2°46	23°57	19°59	F 23
S 24	18 7 27	2°17'59	13°53	10°28	27°46	6°33	1°31	24°39	19°45	28°17	18°59	1°38	2°43	24° 3	19°59	S 24
S 25	18 11 23	3°15'16	27° 0	11°49	29° 0	7°10	1°36	24°45	19°43	28°15	19° 1	1°30	2°40	24°10	20° 0	S 25
M26	18 15 20	4°12'32	9♊55	13°15	0♋13	7°47	1°41	24°52	19°42	28°14	19° 2	1°20	2°37	24°17	20° 1	M26
T 27	18 19 16	5° 9'47	22°37	14°43	1°27	8°25	1°46	24°58	19°40	28°12	19° 3	1°10	2°34	24°23	20° 2	T 27
W28	18 23 13	6° 7'03	5♋ 6	16°15	2°41	9° 2	1°51	25° 5	19°39	28°11	19° 5	1° 1	2°30	24°30	20° 3	W28
T 29	18 27 10	7° 4'18	17°24	17°50	3°54	9°39	1°56	25°11	19°37	28° 9	19° 6	0°52	2°27	24°37	20° 4	T 29
F 30	18 31 6	8♋ 1'33	29♋30	19♊28	5♋ 8	10♌16	2♎ 2	25♉18	19♏36	28♐ 7	19♊ 7	0♍46	2♍24	24♌43	20♎ 5	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n58	19n 3	4s 5	16n 4	3s24	19n15	0s48	22n54	1n21	1n 6	1n24	16n16	2s 2	17s33	0n19	22s 8	1n17	13n27	9s30	10n18	10n 3	13n16	8s33	0s42
F 2	22 7	18 25	3 22	15 53	3 33	19 33	0 46	22 48	1 21	1 6	1 24	16 17	2 2	17 33	0 19	22 8	1 17	13 28	9 30	10 21	10 5	13 15	8 32	0 42
S 3	22 14	16 59	2 31	15 45	3 40	19 50	0 44	22 41	1 21	1 5	1 24	16 19	2 2	17 32	0 19	22 8	1 17	13 28	9 30	10 23	10 6	13 14	8 31	0 42
S 4	22 22	14 48	1 34	15 38	3 46	20 6	0 42	22 35	1 20	1 4	1 24	16 21	2 2	17 32	0 19	22 8	1 17	13 28	9 29	10 24	10 7	13 12	8 30	0 41
M 5	22 29	12 2	0 32	15 34	3 52	20 22	0 40	22 28	1 20	1 3	1 23	16 23	2 2	17 31	0 19	22 8	1 17	13 28	9 29	10 24	10 8	13 11	8 29	0 41
T 6	22 35	8 46	0n30	15 31	3 56	20 37	0 37	22 21	1 20	1 3	1 23	16 25	2 2	17 30	0 19	22 8	1 17	13 28	9 29	10 24	10 9	13 10	8 28	0 40
W 7	22 41	5 8	1 32	15 31	3 58	20 52	0 35	22 14	1 20	1 2	1 23	16 27	2 2	17 30	0 19	22 8	1 17	13 28	9 29	10 24	10 10	13 8	8 27	0 40
T 8	22 47	1 15	2 31	15 33	4 0	21 6	0 33	22 7	1 20	1 1	1 23	16 28	2 3	17 29	0 19	22 8	1 17	13 29	9 29	10 25	10 11	13 7	8 26	0 39
F 9	22 52	2s46	3 24	15 37	4 1	21 20	0 31	21 59	1 19	1 0	1 22	16 30	2 3	17 29	0 19	22 7	1 17	13 29	9 29	10 26	10 13	13 6	8 25	0 39
S 10	22 57	6 47	4 8	15 43	4 1	21 33	0 28	21 52	1 19	0 59	1 22	16 32	2 3	17 28	0 19	22 7	1 17	13 29	9 29	10 27	10 14	13 4	8 25	0 39
S 11	23 2	10 35	4 41	15 50	3 59	21 45	0 26	21 44	1 19	0 57	1 22	16 34	2 3	17 28	0 19	22 7	1 17	13 29	9 29	10 30	10 15	13 3	8 24	0 38
M12	23 6	13 59	4 59	16 0	3 57	21 57	0 24	21 36	1 19	0 56	1 22	16 35	2 3	17 27	0 19	22 7	1 17	13 29	9 29	10 34	10 16	13 2	8 23	0 38
T 13	23 10	16 42	5 1	16 11	3 54	22 8	0 21	21 28	1 19	0 55	1 22	16 37	2 3	17 27	0 19	22 7	1 17	13 29	9 29	10 37	10 17	13 0	8 23	0 37
W14	23 13	18 28	4 44	16 23	3 50	22 19	0 19	21 20	1 19	0 53	1 21	16 39	2 3	17 26	0 19	22 7	1 17	13 29	9 29	10 41	10 18	12 59	8 22	0 37
T 15	23 16	19 6	4 9	16 37	3 46	22 29	0 17	21 12	1 18	0 52	1 21	16 41	2 3	17 26	0 19	22 7	1 17	13 30	9 29	10 44	10 19	12 58	8 22	0 36
F 16	23 19	18 27	3 17	16 52	3 40	22 38	0 14	21 3	1 18	0 51	1 21	16 42	2 3	17 25	0 19	22 7	1 17	13 30	9 29	10 47	10 21	12 56	8 21	0 36
S 17	23 21	16 35	2 12	17 9	3 34	22 47	0 12	20 55	1 18	0 49	1 21	16 44	2 3	17 25	0 19	22 7	1 17	13 30	9 29	10 49	10 22	12 55	8 21	0 36
S 18	23 22	13 39	0 59	17 26	3 27	22 55	0 9	20 46	1 18	0 47	1 20	16 45	2 3	17 24	0 19	22 7	1 17	13 30	9 29	10 50	10 23	12 54	8 20	0 35
M19	23 24	9 55	0s18	17 45	3 20	23 2	0 7	20 37	1 17	0 46	1 20	16 47	2 3	17 24	0 19	22 7	1 17	13 30	9 29	10 50	10 24	12 52	8 20	0 35
T 20	23 25	5 39	1 32	18 4	3 12	23 9	0 5	20 28	1 17	0 44	1 20	16 49	2 3	17 23	0 19	22 7	1 17	13 30	9 29	10 50	10 25	12 51	8 20	0 34
W21	23 25	1 9	2 40	18 24	3 3	23 15	0 2	20 19	1 17	0 42	1 20	16 50	2 3	17 23	0 19	22 7	1 17	13 30	9 29	10 50	10 26	12 50	8 19	0 34
T 22	23 25	3n20	3 37	18 45	2 54	23 20	0n 0	20 10	1 17	0 40	1 19	16 52	2 3	17 22	0 19	22 7	1 17	13 30	9 29	10 50	10 27	12 48	8 19	0 34
F 23	23 25	7 34	4 21	19 6	2 44	23 25	0 3	20 1	1 17	0 38	1 19	16 53	2 3	17 22	0 19	22 7	1 17	13 30	9 29	10 51	10 29	12 47	8 19	0 33
S 24	23 24	11 22	4 51	19 27	2 34	23 29	0 5	19 51	1 16	0 36	1 19	16 55	2 4	17 21	0 19	22 7	1 17	13 31	9 29	10 53	10 30	12 45	8 19	0 33
S 25	23 23	14 32	5 4	19 49	2 24	23 32	0 7	19 41	1 16	0 34	1 19	16 56	2 4	17 21	0 19	22 7	1 17	13 31	9 29	10 56	10 31	12 44	8 19	0 32
M26	23 21	16 57	5 2	20 10	2 13	23 35	0 10	19 32	1 16	0 32	1 18	16 58	2 4	17 21	0 19	22 7	1 17	13 31	9 29	10 59	10 32	12 43	8 19	0 32
T 27	23 19	18 29	4 44	20 32	2 2	23 37	0 12	19 22	1 16	0 30	1 18	16 59	2 4	17 20	0 19	22 7	1 17	13 31	9 29	11 3	10 33	12 41	8 19	0 31
W28	23 17	19 6	4 13	20 53	1 50	23 38	0 14	19 12	1 15	0 27	1 18	17 1	2 4	17 20	0 19	22 7	1 17	13 31	9 29	11 6	10 34	12 40	8 19	0 31
T 29	23 14	18 48	3 31	21 13	1 39	23 38	0 17	19 2	1 15	0 25	1 18	17 2	2 4	17 19	0 19	22 7	1 17	13 31	9 29	11 9	10 35	12 39	8 19	0 31
F 30	23n10	17n38	2s40	21n34	1s27	23n38	0n19	18n51	1n15	0n23	1n18	17n 4	2s 4	17s19	0n19	22s 7	1n17	13n31	9s29	11n12	10n37	12n37	8s19	0s30

Julian Day Number = 2505386.5, Delta T = 119.90 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°48'00, Lahiri = 25°55'01

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ASTRODIENST EPHEMERIS for the year 2147
geocentric

JULY 2147 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 3	8♋58'48	11♌27	21♊ 9	6♋22	10♌54	2♎ 7	25♉24	19°R35	28°R 6	19♊ 9	0°R42	2♍21	24♌50	20♎ 7	S 1
S 2	18 38 59	9°56'02	23°17	22°54	7°36	11°31	2°13	25°30	19♏33	28♐ 4	19°10	0♍40	2°18	24°57	20° 8	S 2
M 3	18 42 56	10°53'15	5♍ 3	24°41	8°49	12° 8	2°19	25°37	19°32	28° 3	19°11	0°D40	2°15	25° 3	20°10	M 3
T 4	18 46 52	11°50'29	16°51	26°32	10° 3	12°46	2°25	25°43	19°31	28° 1	19°13	0°40	2°11	25°10	20°12	T 4
W 5	18 50 49	12°47'42	28°44	28°25	11°17	13°23	2°31	25°49	19°30	28° 0	19°14	0°42	2° 8	25°17	20°14	W 5
T 6	18 54 45	13°44'54	10♎48	0♋20	12°30	14° 0	2°38	25°55	19°28	27°58	19°15	0°R43	2° 5	25°23	20°16	T 6
F 7	18 58 42	14°42'07	23° 8	2°19	13°44	14°38	2°44	26° 1	19°27	27°57	19°16	0°42	2° 2	25°30	20°18	F 7
S 8	19 2 39	15°39'19	5♏48	4°19	14°58	15°15	2°51	26° 7	19°26	27°55	19°18	0°40	1°59	25°37	20°20	S 8
S 9	19 6 35	16°36'30	18°53	6°22	16°12	15°52	2°57	26°13	19°25	27°53	19°19	0°36	1°55	25°43	20°22	S 9
M10	19 10 32	17°33'42	2♐24	8°26	17°25	16°30	3° 4	26°19	19°24	27°52	19°20	0°31	1°52	25°50	20°25	M10
T 11	19 14 28	18°30'54	16°23	10°32	18°39	17° 7	3°11	26°24	19°23	27°50	19°21	0°25	1°49	25°56	20°27	T 11
W12	19 18 25	19°28'05	0♑47	12°39	19°53	17°45	3°18	26°30	19°23	27°49	19°23	0°19	1°46	26° 3	20°30	W12
T 13	19 22 21	20°25'17	15°30	14°48	21° 7	18°22	3°26	26°36	19°22	27°48	19°24	0°13	1°43	26°10	20°32	T 13
F 14	19 26 18	21°22'28	0♒26	16°57	22°21	18°59	3°33	26°41	19°21	27°46	19°25	0° 9	1°40	26°16	20°35	F 14
S 15	19 30 14	22°19'40	15°26	19° 6	23°34	19°37	3°41	26°47	19°20	27°45	19°26	0° 7	1°36	26°23	20°38	S 15
S 16	19 34 11	23°16'52	0♓21	21°15	24°48	20°14	3°48	26°52	19°20	27°43	19°28	0°D 6	1°33	26°30	20°41	S 16
M17	19 38 8	24°14'05	15° 5	23°25	26° 2	20°52	3°56	26°58	19°19	27°42	19°29	0° 6	1°30	26°36	20°44	M17
T 18	19 42 4	25°11'18	29°32	25°33	27°16	21°29	4° 4	27° 3	19°18	27°40	19°30	0° 8	1°27	26°43	20°48	T 18
W19	19 46 1	26° 8'32	13♈39	27°42	28°30	22° 7	4°12	27° 8	19°18	27°39	19°31	0° 9	1°24	26°50	20°51	W19
T 20	19 49 57	27° 5'46	27°26	29°49	29°43	22°44	4°20	27°13	19°18	27°38	19°32	0°R10	1°21	26°56	20°54	T 20
F 21	19 53 54	28° 3'01	10♉54	1♌55	0♌57	23°22	4°28	27°18	19°17	27°36	19°33	0° 9	1°17	27° 3	20°58	F 21
S 22	19 57 50	29° 0'17	24° 3	4° 0	2°11	23°59	4°36	27°23	19°17	27°35	19°34	0° 7	1°14	27°10	21° 2	S 22
S 23	20 1 47	29°57'34	6♊55	6° 4	3°25	24°37	4°45	27°28	19°16	27°34	19°36	0° 3	1°11	27°16	21° 5	S 23
M24	20 5 43	0♌54'51	19°32	8° 6	4°39	25°14	4°53	27°33	19°16	27°32	19°37	29♌59	1° 8	27°23	21° 9	M24
T 25	20 9 40	1°52'09	1♋57	10° 7	5°53	25°52	5° 2	27°38	19°16	27°31	19°38	29°54	1° 5	27°30	21°13	T 25
W26	20 13 37	2°49'28	14°11	12° 6	7° 7	26°29	5°11	27°43	19°16	27°30	19°39	29°50	1° 1	27°36	21°17	W26
T 27	20 17 33	3°46'47	26°15	14° 4	8°21	27° 7	5°20	27°47	19°16	27°29	19°40	29°46	0°58	27°43	21°21	T 27
F 28	20 21 30	4°44'07	8♌12	16° 0	9°35	27°45	5°29	27°52	19°D16	27°27	19°41	29°43	0°55	27°49	21°25	F 28
S 29	20 25 26	5°41'28	20° 3	17°54	10°49	28°22	5°38	27°56	19°16	27°26	19°42	29°42	0°52	27°56	21°30	S 29
S 30	20 29 23	6°38'49	1♍50	19°46	12° 3	29° 0	5°47	28° 0	19°16	27°25	19°43	29°D41	0°49	28° 3	21°34	S 30
M31	20 33 19	7♌36'11	13♍36	21♌37	13♌17	29♌38	5♎56	28♉ 5	19♏16	27♐24	19♊44	29♌42	0♍46	28♌ 9	21♎39	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 7	15n42	1s42	21n53	1s15	23n37	0n21	18n41	1n15	0n20	1n17	17n 5	2s 4	17s19	0n19	22s 7	1n17	13n31	9s29	11n13	10n38	12n36	8s19	0s30
S 2	23 3	13 7	0 40	22 11	1 3	23 36	0 24	18 30	1 15	0 18	1 17	17 7	2 4	17 18	0 19	22 7	1 17	13 31	9 29	11 14	10 39	12 34	8 19	0 29
M 3	22 58	10 1	0n24	22 28	0 51	23 33	0 26	18 20	1 14	0 15	1 17	17 8	2 4	17 18	0 19	22 7	1 17	13 31	9 29	11 14	10 40	12 33	8 19	0 29
T 4	22 53	6 31	1 27	22 44	0 38	23 30	0 28	18 9	1 14	0 13	1 17	17 9	2 4	17 18	0 19	22 7	1 17	13 31	9 29	11 13	10 41	12 32	8 20	0 29
W 5	22 48	2 44	2 26	22 58	0 26	23 27	0 30	17 58	1 14	0 10	1 16	17 11	2 5	17 17	0 19	22 7	1 17	13 31	9 29	11 13	10 42	12 30	8 20	0 28
T 6	22 43	1s12	3 20	23 10	0 15	23 22	0 33	17 47	1 14	0 7	1 16	17 12	2 5	17 17	0 19	22 7	1 17	13 32	9 29	11 13	10 43	12 29	8 20	0 28
F 7	22 36	5 10	4 6	23 21	0 3	23 17	0 35	17 36	1 13	0 5	1 16	17 13	2 5	17 17	0 19	22 7	1 17	13 32	9 29	11 13	10 45	12 27	8 21	0 27
S 8	22 30	9 1	4 41	23 29	0n 8	23 12	0 37	17 25	1 13	0 2	1 16	17 14	2 5	17 17	0 18	22 7	1 17	13 32	9 29	11 14	10 46	12 26	8 21	0 27
S 9	22 23	12 33	5 3	23 35	0 19	23 5	0 39	17 13	1 13	0s 1	1 16	17 16	2 5	17 16	0 18	22 7	1 17	13 32	9 29	11 15	10 47	12 25	8 22	0 27
M10	22 16	15 34	5 10	23 39	0 30	22 58	0 41	17 2	1 13	0 4	1 15	17 17	2 5	17 16	0 18	22 7	1 17	13 32	9 29	11 17	10 48	12 23	8 22	0 26
T 11	22 8	17 47	4 58	23 40	0 40	22 50	0 43	16 50	1 12	0 7	1 15	17 18	2 5	17 16	0 18	22 7	1 17	13 32	9 29	11 19	10 49	12 22	8 23	0 26
W12	22 0	18 57	4 28	23 38	0 49	22 42	0 45	16 39	1 12	0 10	1 15	17 19	2 5	17 16	0 18	22 7	1 17	13 32	9 30	11 21	10 50	12 20	8 24	0 26
T 13	21 52	18 54	3 39	23 34	0 58	22 33	0 47	16 27	1 12	0 13	1 15	17 20	2 6	17 16	0 18	22 7	1 17	13 32	9 30	11 23	10 51	12 19	8 24	0 25
F 14	21 43	17 31	2 35	23 27	1 6	22 23	0 49	16 15	1 12	0 16	1 15	17 22	2 6	17 15	0 18	22 7	1 17	13 32	9 30	11 25	10 52	12 18	8 25	0 25
S 15	21 34	14 56	1 19	23 17	1 14	22 12	0 51	16 3	1 11	0 19	1 14	17 23	2 6	17 15	0 18	22 7	1 17	13 32	9 30	11 25	10 54	12 16	8 26	0 24
S 16	21 25	11 22	0s 1	23 4	1 21	22 1	0 53	15 51	1 11	0 22	1 14	17 24	2 6	17 15	0 18	22 7	1 17	13 32	9 30	11 26	10 55	12 15	8 26	0 24
M17	21 15	7 7	1 21	22 49	1 27	21 49	0 55	15 39	1 11	0 26	1 14	17 25	2 6	17 15	0 18	22 7	1 17	13 32	9 30	11 25	10 56	12 13	8 27	0 24
T 18	21 5	2 32	2 34	22 31	1 32	21 37	0 57	15 26	1 10	0 29	1 14	17 26	2 6	17 15	0 18	22 7	1 17	13 32	9 30	11 25	10 57	12 12	8 28	0 23
W19	20 54	2n 4	3 36	22 11	1 37	21 24	0 59	15 14	1 10	0 32	1 14	17 27	2 6	17 15	0 18	22 7	1 17	13 32	9 30	11 25	10 58	12 10	8 29	0 23
T 20	20 43	6 27	4 24	21 48	1 40	21 10	1 0	15 2	1 10	0 36	1 13	17 28	2 7	17 15	0 18	22 7	1 17	13 32	9 30	11 24	10 59	12 9	8 30	0 22
F 21	20 32	10 24	4 56	21 24	1 43	20 56	1 2	14 49	1 10	0 39	1 13	17 29	2 7	17 14	0 18	22 7	1 17	13 32	9 30	11 25	11 0	12 8	8 31	0 22
S 22	20 20	13 44	5 11	20 57	1 46	20 41	1 4	14 36	1 9	0 43	1 13	17 30	2 7	17 14	0 18	22 7	1 17	13 32	9 30	11 25	11 2	12 6	8 32	0 22
S 23	20 8	16 20	5 11	20 28	1 47	20 26	1 5	14 24	1 9	0 46	1 13	17 31	2 7	17 14	0 18	22 7	1 16	13 32	9 30	11 27	11 3	12 5	8 33	0 21
M24	19 56	18 6	4 55	19 58	1 48	20 10	1 7	14 11	1 9	0 50	1 13	17 32	2 7	17 14	0 18	22 7	1 16	13 32	9 30	11 28	11 4	12 3	8 34	0 21
T 25	19 44	18 58	4 26	19 26	1 48	19 53	1 8	13 58	1 9	0 53	1 13	17 33	2 7	17 14	0 18	22 7	1 16	13 32	9 31	11 30	11 5	12 2	8 35	0 21
W26	19 31	18 56	3 45	18 52	1 47	19 36	1 10	13 45	1 8	0 57	1 12	17 34	2 7	17 14	0 18	22 7	1 16	13 32	9 31	11 31	11 6	12 0	8 36	0 20
T 27	19 17	18 2	2 54	18 17	1 46	19 18	1 11	13 31	1 8	1 1	1 12	17 35	2 8	17 14	0 18	22 7	1 16	13 32	9 31	11 33	11 7	11 59	8 38	0 20
F 28	19 4	16 20	1 56	17 41	1 44	19 0	1 12	13 18	1 8	1 4	1 12	17 35	2 8	17 14	0 18	22 7	1 16	13 32	9 31	11 34	11 8	11 57	8 39	0 20
S 29	18 50	13 57	0 53	17 4	1 42	18 41	1 14	13 5	1 7	1 8	1 12	17 36	2 8	17 14	0 18	22 7	1 16	13 32	9 31	11 34	11 9	11 56	8 40	0 19
S 30	18 36	11 0	0n12	16 26	1 39	18 22	1 15	12 52	1 7	1 12	1 12	17 37	2 8	17 14	0 18	22 7	1 16	13 32	9 31	11 34	11 11	11 55	8 42	0 19
M31	18n21	7n37	1n16	15n47	1n35	18n 2	1n16	12n38	1n 7	1s16	1n12	17n38	2s 8	17s14	0n18	22s 7	1n16	13n32	9s31	11n34	11n12	11n53	8s43	0s18

Julian Day Number = 2505416.5, Delta T = 119.96 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°48'05, Lahiri = 25°55'05

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ASTRODIENST EPHEMERIS for the year 2147
geocentric

AUGUST 2147 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 16	8♌33'33	25♍25	23♌26	14♌31	0♍15	6♎ 6	28♉ 9	19♏16	27°R23	19♊45	29♌43	0♍42	28♌16	21♎43	T 1
W 2	20 41 12	9°30'56	7♎20	25°14	15°44	0°53	6°15	28°13	19°16	27♐22	19°46	29°45	0°39	28°23	21°48	W 2
T 3	20 45 9	10°28'19	19°24	27° 0	16°58	1°31	6°25	28°17	19°16	27°21	19°47	29°46	0°36	28°29	21°53	T 3
F 4	20 49 6	11°25'43	1♏43	28°44	18°12	2° 8	6°34	28°21	19°17	27°19	19°48	29°47	0°33	28°36	21°58	F 4
S 5	20 53 2	12°23'08	14°21	0♍26	19°26	2°46	6°44	28°25	19°17	27°18	19°49	29°R48	0°30	28°43	22° 2	S 5
S 6	20 56 59	13°20'33	27°22	2° 7	20°40	3°24	6°54	28°29	19°18	27°17	19°50	29°47	0°27	28°49	22° 8	S 6
M 7	21 0 55	14°17'59	10♐48	3°46	21°54	4° 2	7° 4	28°32	19°18	27°16	19°50	29°46	0°23	28°56	22°13	M 7
T 8	21 4 52	15°15'26	24°42	5°24	23° 8	4°40	7°14	28°36	19°19	27°15	19°51	29°44	0°20	29° 3	22°18	T 8
W 9	21 8 48	16°12'53	9♑ 3	7° 0	24°22	5°17	7°24	28°39	19°19	27°15	19°52	29°43	0°17	29° 9	22°23	W 9
T 10	21 12 45	17°10'21	23°47	8°34	25°36	5°55	7°34	28°43	19°20	27°14	19°53	29°41	0°14	29°16	22°29	T 10
F 11	21 16 41	18° 7'50	8♒48	10° 6	26°50	6°33	7°45	28°46	19°20	27°13	19°54	29°40	0°11	29°22	22°34	F 11
S 12	21 20 38	19° 5'20	23°59	11°37	28° 4	7°11	7°55	28°49	19°21	27°12	19°55	29°D40	0° 7	29°29	22°39	S 12
S 13	21 24 35	20° 2'52	9♓ 9	13° 6	29°18	7°49	8° 6	28°52	19°22	27°11	19°55	29°40	0° 4	29°36	22°45	S 13
M14	21 28 31	21° 0'24	24°10	14°34	0♍32	8°27	8°16	28°55	19°23	27°10	19°56	29°40	0° 1	29°42	22°51	M14
T 15	21 32 28	21°57'57	8♈53	16° 0	1°47	9° 5	8°27	28°58	19°24	27°10	19°57	29°41	29♌58	29°49	22°57	T 15
W16	21 36 24	22°55'32	23°14	17°24	3° 1	9°43	8°37	29° 1	19°25	27° 9	19°58	29°41	29°55	29°56	23° 2	W16
T 17	21 40 21	23°53'09	7♉11	18°47	4°15	10°20	8°48	29° 4	19°26	27° 8	19°58	29°42	29°52	0♍ 2	23° 8	T 17
F 18	21 44 17	24°50'47	20°41	20° 7	5°29	10°58	8°59	29° 7	19°27	27° 7	19°59	29°R42	29°48	0° 9	23°14	F 18
S 19	21 48 14	25°48'26	3♊49	21°26	6°43	11°36	9°10	29° 9	19°28	27° 7	20° 0	29°42	29°45	0°16	23°20	S 19
S 20	21 52 10	26°46'08	16°35	22°43	7°57	12°14	9°21	29°12	19°29	27° 6	20° 0	29°42	29°42	0°22	23°27	S 20
M21	21 56 7	27°43'50	29° 3	23°58	9°11	12°53	9°32	29°14	19°30	27° 5	20° 1	29°42	29°39	0°29	23°33	M21
T 22	22 0 4	28°41'35	11♋17	25°11	10°25	13°31	9°43	29°16	19°31	27° 5	20° 2	29°41	29°36	0°36	23°39	T 22
W23	22 4 0	29°39'20	23°20	26°23	11°39	14° 9	9°54	29°18	19°33	27° 4	20° 2	29°D41	29°32	0°42	23°45	W23
T 24	22 7 57	0♍37'08	5♌14	27°32	12°53	14°47	10° 6	29°20	19°34	27° 4	20° 3	29°41	29°29	0°49	23°52	T 24
F 25	22 11 53	1°34'56	17° 4	28°38	14° 7	15°25	10°17	29°22	19°35	27° 3	20° 3	29°42	29°26	0°55	23°58	F 25
S 26	22 15 50	2°32'47	28°51	29°43	15°21	16° 3	10°28	29°24	19°37	27° 3	20° 4	29°R42	29°23	1° 2	24° 5	S 26
S 27	22 19 46	3°30'38	10♍39	0♎45	16°35	16°41	10°40	29°26	19°38	27° 3	20° 4	29°42	29°20	1° 9	24°12	S 27
M28	22 23 43	4°28'31	22°28	1°44	17°49	17°19	10°51	29°27	19°40	27° 2	20° 5	29°41	29°17	1°15	24°18	M28
T 29	22 27 39	5°26'26	4♎21	2°41	19° 4	17°58	11° 3	29°29	19°41	27° 2	20° 5	29°41	29°13	1°22	24°25	T 29
W30	22 31 36	6°24'22	16°22	3°35	20°18	18°36	11°15	29°30	19°43	27° 1	20° 6	29°40	29°10	1°29	24°32	W30
T 31	22 35 32	7♍22'19	28♎32	4♎26	21♍32	19♍14	11♎26	29♉32	19♏45	27♐ 1	20♊ 6	29♌39	29♌ 7	1♍35	24♎39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 6	3n55	2n17	15n 8	1n31	17n42	1n17	12n25	1n 6	1s20	1n11	17n39	2s 8	17s14	0n18	22s 7	1n16	13n32	9s31	11n34	11n13	11n52	8s44	0s18
W 2	17 51	0 3	3 13	14 28	1 27	17 21	1 18	12 11	1 6	1 23	1 11	17 39	2 9	17 14	0 18	22 7	1 16	13 32	9 31	11 33	11 14	11 50	8 46	0 18
T 3	17 36	3s52	4 2	13 47	1 22	17 0	1 19	11 57	1 6	1 27	1 11	17 40	2 9	17 15	0 18	22 7	1 16	13 32	9 31	11 32	11 15	11 49	8 47	0 17
F 4	17 20	7 41	4 40	13 6	1 17	16 38	1 20	11 43	1 6	1 31	1 11	17 41	2 9	17 15	0 18	22 7	1 16	13 32	9 32	11 32	11 16	11 47	8 49	0 17
S 5	17 4	11 16	5 5	12 25	1 11	16 15	1 21	11 30	1 5	1 35	1 11	17 41	2 9	17 15	0 18	22 7	1 16	13 31	9 32	11 32	11 17	11 46	8 50	0 17
S 6	16 48	14 25	5 16	11 43	1 5	15 53	1 22	11 16	1 5	1 39	1 11	17 42	2 9	17 15	0 18	22 7	1 16	13 31	9 32	11 32	11 18	11 44	8 52	0 16
M 7	16 32	16 55	5 11	11 1	0 58	15 30	1 23	11 2	1 5	1 43	1 10	17 43	2 9	17 15	0 18	22 7	1 16	13 31	9 32	11 33	11 20	11 43	8 53	0 16
T 8	16 15	18 32	4 47	10 19	0 51	15 6	1 23	10 48	1 4	1 48	1 10	17 43	2 10	17 15	0 18	22 7	1 16	13 31	9 32	11 33	11 21	11 41	8 55	0 16
W 9	15 58	19 2	4 5	9 37	0 44	14 42	1 24	10 33	1 4	1 52	1 10	17 44	2 10	17 15	0 18	22 8	1 16	13 31	9 32	11 34	11 22	11 40	8 57	0 15
T 10	15 40	18 16	3 6	8 55	0 37	14 18	1 24	10 19	1 4	1 56	1 10	17 44	2 10	17 16	0 18	22 8	1 16	13 31	9 32	11 34	11 23	11 38	8 58	0 15
F 11	15 23	16 13	1 53	8 13	0 29	13 53	1 25	10 5	1 3	2 0	1 10	17 45	2 10	17 16	0 18	22 8	1 16	13 31	9 32	11 35	11 24	11 37	9 0	0 15
S 12	15 5	13 1	0 32	7 31	0 21	13 28	1 25	9 51	1 3	2 4	1 10	17 45	2 10	17 16	0 18	22 8	1 16	13 31	9 33	11 35	11 25	11 35	9 2	0 14
S 13	14 47	8 57	0s52	6 49	0 12	13 3	1 26	9 36	1 3	2 8	1 10	17 46	2 11	17 16	0 18	22 8	1 16	13 31	9 33	11 35	11 26	11 34	9 3	0 14
M14	14 29	4 20	2 12	6 8	0 4	12 37	1 26	9 22	1 2	2 13	1 9	17 46	2 11	17 17	0 18	22 8	1 16	13 31	9 33	11 35	11 27	11 32	9 5	0 14
T 15	14 10	0n26	3 21	5 27	0s 5	12 11	1 26	9 7	1 2	2 17	1 9	17 47	2 11	17 17	0 18	22 8	1 16	13 31	9 33	11 34	11 28	11 31	9 7	0 13
W16	13 52	5 3	4 16	4 46	0 14	11 44	1 26	8 53	1 2	2 21	1 9	17 47	2 11	17 17	0 18	22 8	1 16	13 31	9 33	11 34	11 30	11 29	9 9	0 13
T 17	13 33	9 16	4 54	4 5	0 23	11 17	1 27	8 38	1 1	2 26	1 9	17 48	2 11	17 17	0 17	22 8	1 16	13 31	9 33	11 34	11 31	11 28	9 11	0 13
F 18	13 14	12 51	5 14	3 25	0 32	10 50	1 27	8 23	1 1	2 30	1 9	17 48	2 11	17 18	0 17	22 8	1 15	13 30	9 33	11 34	11 32	11 26	9 13	0 12
S 19	12 54	15 42	5 17	2 46	0 41	10 23	1 27	8 8	1 1	2 35	1 9	17 48	2 12	17 18	0 17	22 8	1 15	13 30	9 34	11 34	11 33	11 25	9 15	0 12
S 20	12 35	17 42	5 4	2 7	0 51	9 55	1 27	7 54	1 0	2 39	1 9	17 49	2 12	17 18	0 17	22 8	1 15	13 30	9 34	11 34	11 34	11 23	9 17	0 12
M21	12 15	18 48	4 37	1 28	1 0	9 27	1 26	7 39	1 0	2 43	1 9	17 49	2 12	17 19	0 17	22 8	1 15	13 30	9 34	11 34	11 35	11 22	9 19	0 11
T 22	11 55	18 59	3 58	0 50	1 10	8 59	1 26	7 24	1 0	2 48	1 8	17 49	2 12	17 19	0 17	22 8	1 15	13 30	9 34	11 34	11 36	11 20	9 21	0 11
W23	11 35	18 18	3 9	0 13	1 20	8 31	1 26	7 9	0 59	2 52	1 8	17 50	2 12	17 19	0 17	22 8	1 15	13 30	9 34	11 34	11 37	11 19	9 23	0 11
T 24	11 15	16 48	2 12	0s23	1 30	8 2	1 26	6 54	0 59	2 57	1 8	17 50	2 13	17 20	0 17	22 8	1 15	13 30	9 34	11 34	11 38	11 17	9 25	0 10
F 25	10 54	14 36	1 10	0 59	1 40	7 33	1 25	6 39	0 59	3 2	1 8	17 50	2 13	17 20	0 17	22 8	1 15	13 30	9 35	11 34	11 40	11 16	9 27	0 10
S 26	10 33	11 47	0 5	1 34	1 49	7 4	1 25	6 24	0 58	3 6	1 8	17 50	2 13	17 21	0 17	22 8	1 15	13 30	9 35	11 34	11 41	11 14	9 29	0 10
S 27	10 13	8 30	1n 1	2 7	1 59	6 35	1 24	6 9	0 58	3 11	1 8	17 51	2 13	17 21	0 17	22 8	1 15	13 29	9 35	11 34	11 42	11 13	9 31	0 9
M28	9 52	4 53	2 3	2 40	2 9	6 5	1 23	5 53	0 58	3 15	1 8	17 51	2 13	17 21	0 17	22 8	1 15	13 29	9 35	11 34	11 43	11 11	9 33	0 9
T 29	9 31	1 2	3 1	3 12	2 19	5 36	1 23	5 38	0 57	3 20	1 8	17 51	2 14	17 22	0 17	22 8	1 15	13 29	9 35	11 35	11 44	11 10	9 35	0 9
W30	9 9	2s52	3 51	3 42	2 29	5 6	1 22	5 23	0 57	3 25	1 8	17 51	2 14	17 22	0 17	22 8	1 15	13 29	9 35	11 35	11 45	11 8	9 38	0 8
T 31	8n48	6s42	4n32	4s11	2s38	4n36	1n21	5n 8	0n57	3s29	1n 7	17n51	2s14	17s23	0n17	22s 8	1n15	13n29	9s35	11n35	11n46	11n 6	9s40	0s 8

Julian Day Number = 2505447.5, Delta T = 120.02 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°48'09, Lahiri = 25°55'09

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ASTRODIENST EPHEMERIS for the year 2147
geocentric

SEPTEMBER 2147 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 39 29	8♍20'18	10♏55	5♎14	22♍46	19♍52	11♎38	29♉33	19♏46	27°R 1	20♊ 7	29°R38	29♌ 4	1♍42	24♎46	F 1
S 2	22 43 26	9°18'18	23°34	5°59	24° 0	20°31	11°50	29°34	19°48	27♐ 1	20° 7	29♌37	29° 1	1°49	24°53	S 2
S 3	22 47 22	10°16'19	6♐32	6°40	25°14	21° 9	12° 2	29°35	19°50	27° 0	20° 7	29°D37	28°58	1°55	25° 0	S 3
M 4	22 51 19	11°14'22	19°51	7°17	26°28	21°47	12°14	29°36	19°52	27° 0	20° 8	29°37	28°54	2° 2	25° 7	M 4
T 5	22 55 15	12°12'26	3♑35	7°50	27°42	22°26	12°26	29°37	19°54	27° 0	20° 8	29°37	28°51	2° 9	25°14	T 5
W 6	22 59 12	13°10'31	17°44	8°18	28°56	23° 4	12°38	29°37	19°56	27° 0	20° 8	29°38	28°48	2°15	25°21	W 6
T 7	23 3 8	14° 8'38	2♒16	8°42	0♎10	23°43	12°50	29°38	19°58	27° 0	20° 9	29°39	28°45	2°22	25°29	T 7
F 8	23 7 5	15° 6'46	17° 8	9° 1	1°24	24°21	13° 2	29°38	20° 0	27° 0	20° 9	29°40	28°42	2°28	25°36	F 8
S 9	23 11 1	16° 4'56	2♓13	9°15	2°39	24°59	13°14	29°39	20° 2	27°D 0	20° 9	29°R41	28°38	2°35	25°43	S 9
S 10	23 14 58	17° 3'08	17°24	9°23	3°53	25°38	13°26	29°39	20° 4	27° 0	20°10	29°40	28°35	2°42	25°51	S 10
M11	23 18 55	18° 1'21	2♈31	9°R25	5° 7	26°16	13°39	29°39	20° 6	27° 0	20°10	29°38	28°32	2°48	25°58	M11
T 12	23 22 51	18°59'36	17°24	9°22	6°21	26°55	13°51	29°R39	20° 8	27° 0	20°10	29°36	28°29	2°55	26° 6	T 12
W13	23 26 48	19°57'53	1♉57	9°11	7°35	27°34	14° 3	29°39	20°11	27° 0	20°10	29°34	28°26	3° 2	26°13	W13
T 14	23 30 44	20°56'12	16° 3	8°55	8°49	28°12	14°16	29°39	20°13	27° 0	20°10	29°31	28°23	3° 8	26°21	T 14
F 15	23 34 41	21°54'33	29°42	8°32	10° 3	28°51	14°28	29°38	20°15	27° 1	20°10	29°29	28°19	3°15	26°29	F 15
S 16	23 38 37	22°52'56	12♊54	8° 2	11°17	29°29	14°41	29°38	20°18	27° 1	20°10	29°27	28°16	3°22	26°37	S 16
S 17	23 42 34	23°51'21	25°41	7°25	12°31	0♎ 8	14°53	29°38	20°20	27° 1	20°11	29°D27	28°13	3°28	26°44	S 17
M18	23 46 30	24°49'49	8♋ 7	6°42	13°45	0°47	15° 6	29°37	20°22	27° 1	20°11	29°28	28°10	3°35	26°52	M18
T 19	23 50 27	25°48'19	20°16	5°53	14°59	1°25	15°18	29°36	20°25	27° 2	20°11	29°29	28° 7	3°42	27° 0	T 19
W20	23 54 24	26°46'50	2♌13	4°59	16°13	2° 4	15°31	29°35	20°27	27° 2	20°R11	29°31	28° 4	3°48	27° 8	W20
T 21	23 58 20	27°45'24	14° 3	4° 1	17°27	2°43	15°43	29°34	20°30	27° 2	20°11	29°32	28° 0	3°55	27°16	T 21
F 22	0 2 17	28°44'00	25°50	2°59	18°41	3°22	15°56	29°33	20°33	27° 3	20°11	29°R33	27°57	4° 2	27°24	F 22
S 23	0 6 13	29°42'38	7♍37	1°55	19°55	4° 1	16° 9	29°32	20°35	27° 3	20°11	29°33	27°54	4° 8	27°32	S 23
S 24	0 10 10	0♎41'18	19°27	0°51	21° 9	4°39	16°22	29°31	20°38	27° 4	20°10	29°31	27°51	4°15	27°40	S 24
M25	0 14 6	1°40'00	1♎23	29♍47	22°23	5°18	16°34	29°30	20°41	27° 4	20°10	29°28	27°48	4°21	27°48	M25
T 26	0 18 3	2°38'44	13°26	28°46	23°37	5°57	16°47	29°28	20°44	27° 5	20°10	29°23	27°44	4°28	27°56	T 26
W27	0 21 59	3°37'30	25°38	27°49	24°51	6°36	17° 0	29°26	20°46	27° 5	20°10	29°17	27°41	4°35	28° 4	W27
T 28	0 25 56	4°36'17	8♏ 1	26°58	26° 5	7°15	17°13	29°25	20°49	27° 6	20°10	29°11	27°38	4°41	28°12	T 28
F 29	0 29 52	5°35'07	20°35	26°14	27°19	7°54	17°25	29°23	20°52	27° 7	20°10	29° 5	27°35	4°48	28°21	F 29
S 30	0 33 49	6♎33'58	3♐22	25♍38	28♎33	8♎33	17♎38	29♉21	20♏55	27♐ 7	20♊10	29♌ 0	27♌32	4♍55	28♎29	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n26	10s19	5n 1	4s39	2s48	4n 6	1n20	4n52	0n56	3s34	1n 7	17n51	2s14	17s23	0n17	22s 8	1n15	13n29	9s36	11n35	11n47	11n 5	9s42	0s 8
S 2	8 4	13 33	5 16	5 5	2 57	3 36	1 19	4 37	0 56	3 39	1 7	17 51	2 14	17 24	0 17	22 8	1 15	13 29	9 36	11 36	11 48	11 3	9 44	0 7
S 3	7 43	16 12	5 15	5 29	3 6	3 6	1 18	4 21	0 56	3 43	1 7	17 51	2 15	17 24	0 17	22 8	1 15	13 29	9 36	11 36	11 50	11 2	9 47	0 7
M 4	7 21	18 5	4 58	5 52	3 15	2 35	1 17	4 6	0 55	3 48	1 7	17 51	2 15	17 25	0 17	22 8	1 15	13 28	9 36	11 36	11 51	11 0	9 49	0 7
T 5	6 59	18 59	4 23	6 13	3 23	2 5	1 16	3 51	0 55	3 53	1 7	17 51	2 15	17 25	0 17	22 8	1 15	13 28	9 36	11 36	11 52	10 59	9 51	0 6
W 6	6 36	18 44	3 32	6 31	3 31	1 34	1 15	3 35	0 55	3 58	1 7	17 51	2 15	17 26	0 17	22 8	1 15	13 28	9 36	11 35	11 53	10 57	9 54	0 6
T 7	6 14	17 16	2 26	6 48	3 39	1 4	1 14	3 20	0 54	4 2	1 7	17 51	2 15	17 27	0 17	22 9	1 15	13 28	9 37	11 35	11 54	10 56	9 56	0 6
F 8	5 52	14 35	1 9	7 2	3 46	0 33	1 12	3 4	0 54	4 7	1 7	17 51	2 16	17 27	0 17	22 9	1 14	13 28	9 37	11 35	11 55	10 54	9 58	0 5
S 9	5 29	10 54	0s14	7 13	3 52	0 2	1 11	2 48	0 53	4 12	1 7	17 51	2 16	17 28	0 17	22 9	1 14	13 28	9 37	11 35	11 56	10 53	10 1	0 5
S 10	5 7	6 27	1 37	7 21	3 58	0s28	1 10	2 33	0 53	4 17	1 7	17 51	2 16	17 28	0 17	22 9	1 14	13 28	9 37	11 35	11 57	10 51	10 3	0 5
M11	4 44	1 38	2 52	7 27	4 2	0 59	1 8	2 17	0 53	4 22	1 6	17 50	2 16	17 29	0 17	22 9	1 14	13 27	9 37	11 35	11 58	10 49	10 6	0 5
T 12	4 21	3n13	3 54	7 29	4 6	1 30	1 7	2 2	0 52	4 26	1 6	17 50	2 16	17 29	0 17	22 9	1 14	13 27	9 37	11 36	11 59	10 48	10 8	0 4
W13	3 58	7 45	4 40	7 27	4 9	2 1	1 5	1 46	0 52	4 31	1 6	17 50	2 17	17 30	0 17	22 9	1 14	13 27	9 38	11 37	12 1	10 46	10 11	0 4
T 14	3 35	11 43	5 7	7 22	4 11	2 31	1 3	1 30	0 52	4 36	1 6	17 50	2 17	17 31	0 17	22 9	1 14	13 27	9 38	11 38	12 2	10 45	10 13	0 4
F 15	3 12	14 56	5 16	7 14	4 11	3 2	1 2	1 14	0 51	4 41	1 6	17 50	2 17	17 31	0 17	22 9	1 14	13 27	9 38	11 39	12 3	10 43	10 16	0 3
S 16	2 49	17 15	5 7	7 1	4 10	3 32	1 0	0 59	0 51	4 46	1 6	17 49	2 17	17 32	0 17	22 9	1 14	13 27	9 38	11 39	12 4	10 42	10 18	0 3
S 17	2 26	18 38	4 43	6 44	4 7	4 3	0 58	0 43	0 50	4 51	1 6	17 49	2 17	17 33	0 17	22 9	1 14	13 26	9 38	11 39	12 5	10 40	10 21	0 3
M18	2 3	19 4	4 7	6 23	4 3	4 34	0 56	0 27	0 50	4 56	1 6	17 49	2 17	17 33	0 17	22 9	1 14	13 26	9 38	11 39	12 6	10 38	10 23	0 2
T 19	1 40	18 36	3 20	5 57	3 57	5 4	0 54	0 12	0 50	5 0	1 6	17 48	2 18	17 34	0 17	22 9	1 14	13 26	9 39	11 39	12 7	10 37	10 26	0 2
W20	1 17	17 18	2 25	5 28	3 48	5 34	0 52	0s 4	0 49	5 5	1 6	17 48	2 18	17 35	0 17	22 9	1 14	13 26	9 39	11 38	12 8	10 35	10 28	0 2
T 21	0 53	15 15	1 24	4 56	3 38	6 4	0 50	0 20	0 49	5 10	1 6	17 48	2 18	17 35	0 17	22 9	1 14	13 26	9 39	11 37	12 9	10 34	10 31	0 1
F 22	0 30	12 35	0 20	4 20	3 26	6 34	0 48	0 36	0 48	5 15	1 6	17 47	2 18	17 36	0 17	22 9	1 14	13 26	9 39	11 37	12 10	10 32	10 33	0 1
S 23	0 7	9 23	0n44	3 42	3 12	7 4	0 46	0 51	0 48	5 20	1 6	17 47	2 18	17 37	0 17	22 9	1 14	13 25	9 39	11 37	12 12	10 30	10 36	0 1
S 24	0s16	5 49	1 47	3 2	2 57	7 34	0 44	1 7	0 48	5 25	1 6	17 46	2 19	17 38	0 17	22 9	1 14	13 25	9 39	11 38	12 13	10 29	10 39	0 1
M25	0 40	1 59	2 45	2 21	2 40	8 4	0 42	1 23	0 47	5 30	1 6	17 46	2 19	17 38	0 17	22 10	1 14	13 25	9 40	11 39	12 14	10 27	10 41	0 0
T 26	1 3	1s58	3 37	1 40	2 21	8 33	0 39	1 39	0 47	5 35	1 5	17 45	2 19	17 39	0 17	22 10	1 14	13 25	9 40	11 41	12 15	10 26	10 44	0n 0
W27	1 26	5 52	4 19	1 0	2 2	9 3	0 37	1 55	0 46	5 40	1 5	17 45	2 19	17 40	0 17	22 10	1 14	13 25	9 40	11 43	12 16	10 24	10 46	0 0
T 28	1 50	9 35	4 50	0 21	1 42	9 32	0 35	2 10	0 46	5 45	1 5	17 44	2 19	17 41	0 17	22 10	1 14	13 25	9 40	11 45	12 17	10 22	10 49	0 1
F 29	2 13	12 56	5 8	0n15	1 22	10 1	0 32	2 26	0 46	5 50	1 5	17 44	2 19	17 41	0 17	22 10	1 13	13 24	9 40	11 47	12 18	10 21	10 52	0 1
S 30	2s36	15s44	5n10	0n48	1s 2	10s29	0n30	2s42	0n45	5s55	1n 5	17n43	2s20	17s42	0n17	22s10	1n13	13n24	9s40	11n49	12n19	10n19	10s54	0n 1

Julian Day Number = 2505478.5, Delta T = 120.07 sec
Ecliptic obliquity = 23°25'05, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°48'13, Lahiri = 25°55'14

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ASTRODIENST EPHEMERIS for the year 2147
geocentric

OCTOBER 2147 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 37 46	7♎32'51	16♐24	25°R11	29♎47	9♎12	17♎51	29°R19	20♏58	27♐ 8	20°R 9	28°R56	27♌29	5♍ 1	28♎37	S 1
M 2	0 41 42	8°31'46	29°43	24♍53	1♏ 1	9°51	18° 4	29♉17	21° 1	27° 9	20♊ 9	28♌54	27°25	5° 8	28°45	M 2
T 3	0 45 39	9°30'43	13♑19	24°D46	2°15	10°31	18°17	29°15	21° 4	27°10	20° 9	28°D54	27°22	5°15	28°54	T 3
W 4	0 49 35	10°29'41	27°15	24°49	3°29	11°10	18°30	29°12	21° 7	27°10	20° 9	28°55	27°19	5°21	29° 2	W 4
T 5	0 53 32	11°28'42	11♒30	25° 3	4°43	11°49	18°43	29°10	21°10	27°11	20° 8	28°56	27°16	5°28	29°11	T 5
F 6	0 57 28	12°27'43	26° 3	25°26	5°57	12°28	18°56	29° 8	21°13	27°12	20° 8	28°R57	27°13	5°35	29°19	F 6
S 7	1 1 25	13°26'47	10♓50	25°59	7°11	13° 7	19° 9	29° 5	21°16	27°13	20° 8	28°57	27° 9	5°41	29°27	S 7
S 8	1 5 21	14°25'52	25°46	26°42	8°25	13°46	19°22	29° 2	21°19	27°14	20° 7	28°54	27° 6	5°48	29°36	S 8
M 9	1 9 18	15°24'59	10♈42	27°32	9°39	14°26	19°35	29° 0	21°23	27°15	20° 7	28°49	27° 3	5°54	29°44	M 9
T 10	1 13 15	16°24'09	25°31	28°31	10°53	15° 5	19°48	28°57	21°26	27°16	20° 6	28°43	27° 0	6° 1	29°53	T 10
W11	1 17 11	17°23'20	10♉ 4	29°36	12° 7	15°44	20° 1	28°54	21°29	27°17	20° 6	28°35	26°57	6° 8	0♏ 1	W11
T 12	1 21 8	18°22'34	24°15	0♎48	13°21	16°24	20°14	28°51	21°32	27°18	20° 5	28°27	26°54	6°14	0°10	T 12
F 13	1 25 4	19°21'50	7♊59	2° 5	14°35	17° 3	20°27	28°48	21°35	27°19	20° 5	28°20	26°50	6°21	0°18	F 13
S 14	1 29 1	20°21'08	21°16	3°27	15°48	17°43	20°40	28°44	21°39	27°20	20° 5	28°14	26°47	6°28	0°27	S 14
S 15	1 32 57	21°20'28	4♋ 6	4°53	17° 2	18°22	20°53	28°41	21°42	27°21	20° 4	28°11	26°44	6°34	0°35	S 15
M16	1 36 54	22°19'51	16°34	6°22	18°16	19° 2	21° 6	28°38	21°45	27°23	20° 3	28° 9	26°41	6°41	0°44	M16
T 17	1 40 50	23°19'16	28°44	7°54	19°30	19°41	21°19	28°34	21°49	27°24	20° 3	28°D 9	26°38	6°48	0°53	T 17
W18	1 44 47	24°18'43	10♌40	9°29	20°44	20°21	21°32	28°31	21°52	27°25	20° 2	28°10	26°35	6°54	1° 1	W18
T 19	1 48 44	25°18'13	22°29	11° 6	21°58	21° 0	21°45	28°27	21°56	27°26	20° 2	28°R11	26°31	7° 1	1°10	T 19
F 20	1 52 40	26°17'45	4♍16	12°44	23°11	21°40	21°58	28°24	21°59	27°28	20° 1	28°11	26°28	7° 8	1°18	F 20
S 21	1 56 37	27°17'19	16° 4	14°24	24°25	22°20	22°11	28°20	22° 3	27°29	20° 1	28° 9	26°25	7°14	1°27	S 21
S 22	2 0 33	28°16'55	27°59	16° 4	25°39	22°59	22°24	28°16	22° 6	27°30	20° 0	28° 5	26°22	7°21	1°36	S 22
M23	2 4 30	29°16'33	10♎ 3	17°45	26°53	23°39	22°37	28°12	22°10	27°32	19°59	27°58	26°19	7°28	1°44	M23
T 24	2 8 26	0♏16'13	22°18	19°27	28° 7	24°19	22°50	28° 8	22°13	27°33	19°59	27°48	26°15	7°34	1°53	T 24
W25	2 12 23	1°15'56	4♏46	21° 9	29°20	24°59	23° 3	28° 4	22°17	27°34	19°58	27°37	26°12	7°41	2° 1	W25
T 26	2 16 19	2°15'40	17°27	22°50	0♐34	25°39	23°16	28° 0	22°20	27°36	19°57	27°25	26° 9	7°47	2°10	T 26
F 27	2 20 16	3°15'27	0♐20	24°32	1°48	26°18	23°29	27°56	22°24	27°37	19°56	27°14	26° 6	7°54	2°19	F 27
S 28	2 24 13	4°15'15	13°25	26°14	3° 2	26°58	23°42	27°51	22°27	27°39	19°56	27° 3	26° 3	8° 1	2°27	S 28
S 29	2 28 9	5°15'05	26°42	27°56	4°16	27°38	23°55	27°47	22°31	27°40	19°55	26°55	26° 0	8° 7	2°36	S 29
M30	2 32 6	6°14'57	10♑10	29°37	5°29	28°18	24° 7	27°43	22°35	27°42	19°54	26°50	25°56	8°14	2°45	M30
T 31	2 36 2	7♏14'50	23♑49	1♏18	6♐43	28♎58	24♎20	27♉38	22♏38	27♐44	19♊53	26♌47	25♌53	8♍21	2♏53	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 0	17s48	4n57	1n17	0s42	10s58	0n27	2s58	0n45	6s 0	1n 5	17n43	2s20	17s43	0n16	22s10	1n13	13n24	9s41	11n50	12n20	10n18	10s57	0n 2
M 2	3 23	18 58	4 27	1 41	0 22	11 26	0 25	3 13	0 44	6 5	1 5	17 42	2 20	17 44	0 16	22 10	1 13	13 24	9 41	11 51	12 21	10 16	11 0	0 2
T 3	3 46	19 4	3 43	2 1	0 4	11 54	0 22	3 29	0 44	6 9	1 5	17 41	2 20	17 45	0 16	22 10	1 13	13 24	9 41	11 51	12 22	10 14	11 2	0 2
W 4	4 9	18 1	2 44	2 16	0n13	12 21	0 20	3 45	0 43	6 14	1 5	17 41	2 20	17 45	0 16	22 10	1 13	13 24	9 41	11 50	12 24	10 13	11 5	0 2
T 5	4 32	15 49	1 33	2 25	0 30	12 49	0 17	4 0	0 43	6 19	1 5	17 40	2 20	17 46	0 16	22 10	1 13	13 23	9 41	11 50	12 25	10 11	11 8	0 3
F 6	4 55	12 35	0 16	2 30	0 45	13 16	0 15	4 16	0 43	6 24	1 5	17 39	2 21	17 47	0 16	22 10	1 13	13 23	9 41	11 50	12 26	10 9	11 10	0 3
S 7	5 18	8 29	1s 4	2 29	0 58	13 43	0 12	4 32	0 42	6 29	1 5	17 39	2 21	17 48	0 16	22 10	1 13	13 23	9 42	11 50	12 27	10 8	11 13	0 3
S 8	5 41	3 50	2 20	2 23	1 10	14 9	0 9	4 47	0 42	6 34	1 5	17 38	2 21	17 49	0 16	22 10	1 13	13 23	9 42	11 51	12 28	10 6	11 16	0 4
M 9	6 4	1n 4	3 26	2 13	1 21	14 35	0 7	5 3	0 41	6 39	1 5	17 37	2 21	17 50	0 16	22 10	1 13	13 23	9 42	11 52	12 29	10 5	11 19	0 4
T 10	6 27	5 51	4 18	1 58	1 30	15 1	0 4	5 18	0 41	6 44	1 5	17 37	2 21	17 50	0 16	22 10	1 13	13 22	9 42	11 55	12 30	10 3	11 21	0 4
W11	6 49	10 12	4 52	1 39	1 38	15 26	0 1	5 34	0 40	6 49	1 5	17 36	2 21	17 51	0 16	22 11	1 13	13 22	9 42	11 57	12 31	10 1	11 24	0 4
T 12	7 12	13 51	5 7	1 17	1 44	15 51	0s 1	5 50	0 40	6 54	1 5	17 35	2 21	17 52	0 16	22 11	1 13	13 22	9 42	12 0	12 32	10 0	11 27	0 5
F 13	7 34	16 38	5 3	0 51	1 50	16 16	0 4	6 5	0 40	6 59	1 5	17 34	2 22	17 53	0 16	22 11	1 13	13 22	9 42	12 3	12 33	9 58	11 29	0 5
S 14	7 57	18 25	4 43	0 22	1 54	16 40	0 7	6 20	0 39	7 4	1 5	17 33	2 22	17 54	0 16	22 11	1 13	13 22	9 43	12 5	12 34	9 56	11 32	0 5
S 15	8 19	19 12	4 10	0s 9	1 57	17 4	0 10	6 36	0 39	7 8	1 5	17 33	2 22	17 55	0 16	22 11	1 13	13 22	9 43	12 6	12 36	9 55	11 35	0 6
M16	8 41	19 0	3 25	0 43	1 59	17 27	0 13	6 51	0 38	7 13	1 5	17 32	2 22	17 56	0 16	22 11	1 13	13 21	9 43	12 6	12 37	9 53	11 38	0 6
T 17	9 3	17 55	2 32	1 18	1 59	17 50	0 15	7 7	0 38	7 18	1 5	17 31	2 22	17 57	0 16	22 11	1 13	13 21	9 43	12 6	12 38	9 51	11 40	0 6
W18	9 25	16 3	1 33	1 55	2 0	18 13	0 18	7 22	0 37	7 23	1 5	17 30	2 22	17 57	0 16	22 11	1 13	13 21	9 43	12 6	12 39	9 50	11 43	0 7
T 19	9 47	13 31	0 31	2 34	1 59	18 35	0 21	7 37	0 37	7 28	1 5	17 29	2 22	17 58	0 16	22 11	1 13	13 21	9 43	12 6	12 40	9 48	11 46	0 7
F 20	10 8	10 27	0n33	3 14	1 57	18 56	0 24	7 52	0 36	7 33	1 5	17 28	2 22	17 59	0 16	22 11	1 12	13 21	9 43	12 6	12 41	9 46	11 48	0 7
S 21	10 30	6 56	1 34	3 54	1 55	19 17	0 27	8 8	0 36	7 38	1 5	17 27	2 22	18 0	0 16	22 11	1 12	13 21	9 44	12 6	12 42	9 45	11 51	0 7
S 22	10 51	3 8	2 33	4 35	1 52	19 38	0 29	8 23	0 35	7 42	1 5	17 26	2 22	18 1	0 16	22 11	1 12	13 20	9 44	12 8	12 43	9 43	11 54	0 8
M23	11 12	0s51	3 24	5 17	1 49	19 58	0 32	8 38	0 35	7 47	1 5	17 25	2 23	18 2	0 16	22 11	1 12	13 20	9 44	12 10	12 44	9 41	11 56	0 8
T 24	11 33	4 51	4 7	5 59	1 45	20 17	0 35	8 53	0 35	7 52	1 5	17 25	2 23	18 3	0 16	22 11	1 12	13 20	9 44	12 13	12 45	9 40	11 59	0 8
W25	11 54	8 42	4 39	6 41	1 41	20 36	0 38	9 8	0 34	7 57	1 5	17 24	2 23	18 4	0 16	22 11	1 12	13 20	9 44	12 17	12 46	9 38	12 2	0 9
T 26	12 15	12 15	4 58	7 23	1 36	20 55	0 41	9 23	0 34	8 1	1 5	17 23	2 23	18 5	0 16	22 12	1 12	13 20	9 44	12 21	12 47	9 36	12 5	0 9
F 27	12 35	15 16	5 2	8 5	1 31	21 13	0 43	9 38	0 33	8 6	1 5	17 22	2 23	18 6	0 16	22 12	1 12	13 19	9 44	12 25	12 48	9 35	12 7	0 9
S 28	12 56	17 35	4 51	8 47	1 26	21 30	0 46	9 53	0 33	8 11	1 5	17 21	2 23	18 7	0 16	22 12	1 12	13 19	9 44	12 29	12 50	9 33	12 10	0 10
S 29	13 16	18 59	4 23	9 29	1 20	21 47	0 49	10 7	0 32	8 16	1 5	17 20	2 23	18 8	0 16	22 12	1 12	13 19	9 45	12 32	12 51	9 31	12 13	0 10
M30	13 35	19 21	3 41	10 10	1 15	22 3	0 52	10 22	0 32	8 20	1 5	17 19	2 23	18 8	0 16	22 12	1 12	13 19	9 45	12 33	12 52	9 30	12 15	0 10
T 31	13s55	18s36	2n46	10s50	1n 9	22s18	0s54	10s37	0n31	8s25	1n 5	17n18	2s23	18s 9	0n16	22s12	1n12	13n19	9s45	12n34	12n53	9n28	12s18	0n10

Julian Day Number = 2505508.5, Delta T = 120.13 sec
Ecliptic obliquity = 23°25'05, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°48'17, Lahiri = 25°55'18

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ASTRODIENST EPHEMERIS for the year 2147
geocentric

NOVEMBER 2147 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 39 59	8♏14'45	7♒40	2♏58	7♐57	29♎38	24♎33	27°R34	22♏42	27♐45	19°R53	26°D47	25♌50	8♍27	3♏ 2	W 1
T 2	2 43 55	9°14'42	21°42	4°38	9°10	0♏18	24°46	27♉30	22°46	27°47	19♊52	26°R47	25°47	8°34	3°10	T 2
F 3	2 47 52	10°14'40	5♓56	6°18	10°24	0°58	24°59	27°25	22°49	27°48	19°51	26♌47	25°44	8°41	3°19	F 3
S 4	2 51 48	11°14'40	20°20	7°58	11°38	1°39	25°12	27°20	22°53	27°50	19°50	26°45	25°40	8°47	3°28	S 4
S 5	2 55 45	12°14'41	4♈51	9°36	12°51	2°19	25°24	27°16	22°57	27°52	19°49	26°40	25°37	8°54	3°36	S 5
M 6	2 59 42	13°14'44	19°25	11°15	14° 5	2°59	25°37	27°11	23° 0	27°54	19°48	26°33	25°34	9° 1	3°45	M 6
T 7	3 3 38	14°14'49	3♉54	12°53	15°18	3°39	25°50	27° 6	23° 4	27°55	19°47	26°23	25°31	9° 7	3°53	T 7
W 8	3 7 35	15°14'56	18°13	14°31	16°32	4°19	26° 2	27° 2	23° 8	27°57	19°46	26°12	25°28	9°14	4° 2	W 8
T 9	3 11 31	16°15'04	2♊14	16° 8	17°46	5° 0	26°15	26°57	23°11	27°59	19°45	25°59	25°25	9°21	4°10	T 9
F 10	3 15 28	17°15'14	15°54	17°45	18°59	5°40	26°28	26°52	23°15	28° 1	19°45	25°48	25°21	9°27	4°19	F 10
S 11	3 19 24	18°15'26	29°10	19°21	20°13	6°20	26°40	26°47	23°19	28° 2	19°44	25°38	25°18	9°34	4°27	S 11
S 12	3 23 21	19°15'41	12♋ 1	20°57	21°26	7° 1	26°53	26°43	23°23	28° 4	19°43	25°31	25°15	9°40	4°36	S 12
M13	3 27 17	20°15'57	24°31	22°33	22°40	7°41	27° 5	26°38	23°26	28° 6	19°42	25°26	25°12	9°47	4°44	M13
T 14	3 31 14	21°16'15	6♌42	24° 8	23°53	8°22	27°18	26°33	23°30	28° 8	19°41	25°24	25° 9	9°54	4°52	T 14
W15	3 35 11	22°16'35	18°39	25°43	25° 6	9° 2	27°30	26°28	23°34	28°10	19°40	25°23	25° 6	10° 0	5° 1	W15
T 16	3 39 7	23°16'57	0♍29	27°18	26°20	9°43	27°43	26°23	23°37	28°12	19°39	25°23	25° 2	10° 7	5° 9	T 16
F 17	3 43 4	24°17'21	12°17	28°52	27°33	10°23	27°55	26°18	23°41	28°14	19°38	25°23	24°59	10°14	5°18	F 17
S 18	3 47 0	25°17'46	24° 7	0♐26	28°47	11° 4	28° 7	26°13	23°45	28°16	19°37	25°20	24°56	10°20	5°26	S 18
S 19	3 50 57	26°18'14	6♎ 6	2° 0	0♑ 0	11°45	28°20	26° 9	23°49	28°18	19°36	25°15	24°53	10°27	5°34	S 19
M20	3 54 53	27°18'43	18°16	3°34	1°13	12°25	28°32	26° 4	23°52	28°20	19°35	25° 8	24°50	10°34	5°42	M20
T 21	3 58 50	28°19'14	0♏42	5° 7	2°27	13° 6	28°44	25°59	23°56	28°22	19°33	24°57	24°46	10°40	5°51	T 21
W22	4 2 46	29°19'47	13°25	6°40	3°40	13°47	28°56	25°54	24° 0	28°24	19°32	24°45	24°43	10°47	5°59	W22
T 23	4 6 43	0♐20'22	26°24	8°13	4°53	14°28	29° 8	25°49	24° 4	28°26	19°31	24°31	24°40	10°54	6° 7	T 23
F 24	4 10 40	1°20'58	9♐40	9°46	6° 7	15° 8	29°20	25°44	24° 7	28°28	19°30	24°18	24°37	11° 0	6°15	F 24
S 25	4 14 36	2°21'35	23° 9	11°19	7°20	15°49	29°32	25°39	24°11	28°30	19°29	24° 6	24°34	11° 7	6°23	S 25
S 26	4 18 33	3°22'14	6♑50	12°51	8°33	16°30	29°44	25°34	24°15	28°32	19°28	23°56	24°31	11°14	6°31	S 26
M27	4 22 29	4°22'54	20°39	14°23	9°46	17°11	29°56	25°30	24°18	28°34	19°27	23°50	24°27	11°20	6°39	M27
T 28	4 26 26	5°23'35	4♒34	15°55	10°59	17°52	0♏ 8	25°25	24°22	28°36	19°26	23°46	24°24	11°27	6°47	T 28
W29	4 30 22	6°24'17	18°33	17°27	12°12	18°33	0°19	25°20	24°26	28°38	19°25	23°D45	24°21	11°34	6°55	W29
T 30	4 34 19	7♐25'01	2♓35	18♐59	13♑26	19♏14	0♏31	25♉15	24♏29	28♐41	19♊24	23°R45	24♌18	11♍40	7♏ 3	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s15	16s44	1n40	11s31	1n 2	22s33	0s57	10s51	0n31	8s30	1n 5	17n17	2s23	18s10	0n16	22s12	1n12	13n19	9s45	12n35	12n54	9n26	12s21	0n11
T 2	14 34	13 50	0 27	12 10	0 56	22 47	1 0	11 6	0 30	8 34	1 5	17 16	2 23	18 11	0 16	22 12	1 12	13 19	9 45	12 35	12 55	9 25	12 23	0 11
F 3	14 53	10 5	0s48	12 50	0 50	23 1	1 2	11 20	0 30	8 39	1 5	17 14	2 23	18 12	0 16	22 12	1 12	13 18	9 45	12 35	12 56	9 23	12 26	0 11
S 4	15 11	5 41	2 2	13 28	0 43	23 14	1 5	11 35	0 29	8 44	1 5	17 13	2 23	18 13	0 16	22 12	1 12	13 18	9 45	12 35	12 57	9 21	12 29	0 12
S 5	15 30	0 56	3 7	14 6	0 37	23 26	1 8	11 49	0 29	8 48	1 5	17 12	2 23	18 14	0 16	22 12	1 12	13 18	9 45	12 37	12 58	9 19	12 31	0 12
M 6	15 48	3n52	4 1	14 43	0 30	23 38	1 10	12 3	0 28	8 53	1 5	17 11	2 23	18 15	0 16	22 12	1 12	13 18	9 45	12 39	12 59	9 18	12 34	0 12
T 7	16 6	8 26	4 38	15 19	0 23	23 49	1 13	12 17	0 28	8 57	1 5	17 10	2 23	18 16	0 16	22 12	1 12	13 18	9 45	12 43	13 0	9 16	12 36	0 13
W 8	16 24	12 28	4 58	15 55	0 16	23 59	1 15	12 31	0 27	9 2	1 5	17 9	2 23	18 17	0 16	22 12	1 12	13 18	9 45	12 47	13 1	9 14	12 39	0 13
T 9	16 41	15 42	4 59	16 30	0 10	24 9	1 18	12 45	0 27	9 7	1 5	17 8	2 23	18 18	0 16	22 12	1 12	13 17	9 46	12 51	13 2	9 13	12 42	0 13
F 10	16 58	17 59	4 43	17 4	0 3	24 17	1 20	12 59	0 26	9 11	1 5	17 7	2 23	18 19	0 16	22 13	1 12	13 17	9 46	12 55	13 3	9 11	12 44	0 13
S 11	17 15	19 13	4 12	17 37	0s 4	24 26	1 22	13 13	0 26	9 16	1 5	17 6	2 23	18 20	0 16	22 13	1 12	13 17	9 46	12 58	13 5	9 9	12 47	0 14
S 12	17 32	19 25	3 28	18 9	0 11	24 33	1 25	13 27	0 25	9 20	1 5	17 5	2 23	18 21	0 16	22 13	1 12	13 17	9 46	13 0	13 6	9 8	12 49	0 14
M13	17 48	18 39	2 36	18 40	0 17	24 40	1 27	13 40	0 25	9 24	1 6	17 4	2 23	18 22	0 16	22 13	1 12	13 17	9 46	13 2	13 7	9 6	12 52	0 14
T 14	18 4	17 1	1 37	19 10	0 24	24 46	1 29	13 54	0 24	9 29	1 6	17 3	2 23	18 23	0 16	22 13	1 12	13 17	9 46	13 3	13 8	9 4	12 54	0 15
W15	18 19	14 39	0 36	19 40	0 30	24 51	1 31	14 7	0 24	9 33	1 6	17 2	2 23	18 23	0 16	22 13	1 12	13 17	9 46	13 3	13 9	9 2	12 57	0 15
T 16	18 35	11 43	0n27	20 8	0 37	24 56	1 34	14 21	0 23	9 38	1 6	17 1	2 23	18 24	0 16	22 13	1 11	13 16	9 46	13 3	13 10	9 1	12 59	0 15
F 17	18 50	8 19	1 28	20 36	0 43	24 59	1 36	14 34	0 23	9 42	1 6	16 59	2 23	18 25	0 16	22 13	1 11	13 16	9 46	13 3	13 11	8 59	13 2	0 16
S 18	19 4	4 34	2 26	21 2	0 50	25 2	1 38	14 47	0 22	9 46	1 6	16 58	2 23	18 26	0 16	22 13	1 11	13 16	9 46	13 4	13 12	8 57	13 4	0 16
S 19	19 19	0 36	3 18	21 27	0 56	25 5	1 40	15 0	0 21	9 51	1 6	16 57	2 23	18 27	0 16	22 13	1 11	13 16	9 46	13 5	13 13	8 55	13 7	0 16
M20	19 32	3s26	4 1	21 52	1 2	25 6	1 42	15 13	0 21	9 55	1 6	16 56	2 23	18 28	0 16	22 13	1 11	13 16	9 46	13 8	13 14	8 54	13 9	0 16
T 21	19 46	7 25	4 34	22 15	1 8	25 7	1 44	15 26	0 20	9 59	1 6	16 55	2 23	18 29	0 16	22 13	1 11	13 16	9 46	13 12	13 15	8 52	13 12	0 17
W22	19 59	11 10	4 55	22 37	1 14	25 7	1 45	15 39	0 20	10 3	1 6	16 54	2 23	18 30	0 16	22 13	1 11	13 16	9 46	13 16	13 16	8 50	13 14	0 17
T 23	20 12	14 28	5 0	22 58	1 19	25 7	1 47	15 51	0 19	10 8	1 6	16 53	2 23	18 31	0 16	22 13	1 11	13 16	9 46	13 20	13 17	8 48	13 16	0 17
F 24	20 25	17 6	4 50	23 18	1 25	25 5	1 49	16 4	0 19	10 12	1 6	16 52	2 23	18 32	0 16	22 13	1 11	13 16	9 46	13 25	13 18	8 47	13 19	0 18
S 25	20 37	18 52	4 23	23 36	1 30	25 3	1 50	16 16	0 18	10 16	1 6	16 51	2 22	18 33	0 16	22 13	1 11	13 15	9 46	13 29	13 19	8 45	13 21	0 18
S 26	20 49	19 34	3 41	23 54	1 35	25 0	1 52	16 28	0 18	10 20	1 6	16 50	2 22	18 34	0 16	22 13	1 11	13 15	9 46	13 32	13 20	8 43	13 24	0 18
M27	21 0	19 6	2 46	24 10	1 40	24 57	1 53	16 41	0 17	10 24	1 6	16 49	2 22	18 35	0 16	22 13	1 11	13 15	9 46	13 34	13 21	8 42	13 26	0 19
T 28	21 11	17 29	1 40	24 25	1 45	24 52	1 55	16 53	0 17	10 28	1 7	16 48	2 22	18 35	0 16	22 13	1 11	13 15	9 46	13 35	13 23	8 40	13 28	0 19
W29	21 22	14 49	0 28	24 39	1 50	24 47	1 56	17 5	0 16	10 32	1 7	16 47	2 22	18 36	0 16	22 14	1 11	13 15	9 46	13 35	13 24	8 38	13 31	0 19
T 30	21s32	11s16	0s47	24s51	1s54	24s41	1s57	17s16	0n15	10s36	1n 7	16n46	2s22	18s37	0n16	22s14	1n11	13n15	9s46	13n35	13n25	8n36	13s33	0n20

Julian Day Number = 2505539.5, Delta T = 120.19 sec
Ecliptic obliquity = 23°25'05, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°48'22, Lahiri = 25°55'22

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ASTRODIENST EPHEMERIS for the year 2147
geocentric

DECEMBER 2147 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 38 15	8♐25'45	16♓41	20♐30	14♑39	19♏55	0♏43	25°R11	24♏33	28♐43	19°R22	23°R45	24♌15	11♍47	7♏11	F 1
S 2	4 42 12	9°26'30	0♈48	22° 2	15°52	20°37	0°54	25♉ 6	24°37	28°45	19♊21	23♌43	24°12	11°53	7°19	S 2
S 3	4 46 9	10°27'16	14°56	23°33	17° 5	21°18	1° 6	25° 1	24°40	28°47	19°20	23°39	24° 8	12° 0	7°27	S 3
M 4	4 50 5	11°28'03	29° 3	25° 3	18°17	21°59	1°17	24°57	24°44	28°49	19°19	23°33	24° 5	12° 7	7°34	M 4
T 5	4 54 2	12°28'51	13♉ 4	26°34	19°30	22°40	1°28	24°52	24°48	28°51	19°18	23°23	24° 2	12°13	7°42	T 5
W 6	4 57 58	13°29'40	26°57	28° 4	20°43	23°21	1°40	24°48	24°51	28°54	19°17	23°12	23°59	12°20	7°50	W 6
T 7	5 1 55	14°30'30	10♊37	29°34	21°56	24° 3	1°51	24°43	24°55	28°56	19°16	23° 0	23°56	12°27	7°57	T 7
F 8	5 5 51	15°31'21	24° 0	1♋ 3	23° 9	24°44	2° 2	24°39	24°58	28°58	19°14	22°48	23°52	12°33	8° 5	F 8
S 9	5 9 48	16°32'14	7♋ 5	2°32	24°21	25°25	2°13	24°34	25° 2	29° 0	19°13	22°39	23°49	12°40	8°12	S 9
S 10	5 13 44	17°33'07	19°50	4° 1	25°34	26° 7	2°24	24°30	25° 6	29° 2	19°12	22°31	23°46	12°47	8°19	S 10
M11	5 17 41	18°34'02	2♌16	5°28	26°47	26°48	2°35	24°26	25° 9	29° 5	19°11	22°27	23°43	12°53	8°27	M11
T 12	5 21 38	19°34'57	14°27	6°55	27°59	27°30	2°45	24°22	25°13	29° 7	19°10	22°25	23°40	13° 0	8°34	T 12
W13	5 25 34	20°35'54	26°25	8°21	29°12	28°11	2°56	24°17	25°16	29° 9	19° 9	22°D24	23°37	13° 7	8°41	W13
T 14	5 29 31	21°36'52	8♍15	9°46	0♒24	28°53	3° 7	24°13	25°19	29°11	19° 7	22°25	23°33	13°13	8°49	T 14
F 15	5 33 27	22°37'51	20° 3	11°10	1°36	29°34	3°17	24° 9	25°23	29°14	19° 6	22°R26	23°30	13°20	8°56	F 15
S 16	5 37 24	23°38'51	1♎54	12°32	2°49	0♐16	3°28	24° 5	25°26	29°16	19° 5	22°25	23°27	13°27	9° 3	S 16
S 17	5 41 20	24°39'52	13°53	13°52	4° 1	0°58	3°38	24° 2	25°30	29°18	19° 4	22°23	23°24	13°33	9°10	S 17
M18	5 45 17	25°40'54	26° 6	15°10	5°13	1°40	3°48	23°58	25°33	29°20	19° 3	22°19	23°21	13°40	9°17	M18
T 19	5 49 13	26°41'58	8♏36	16°26	6°25	2°21	3°59	23°54	25°36	29°23	19° 2	22°12	23°18	13°47	9°24	T 19
W20	5 53 10	27°43'02	21°27	17°39	7°37	3° 3	4° 9	23°50	25°40	29°25	19° 1	22° 3	23°14	13°53	9°30	W20
T 21	5 57 7	28°44'07	4♐39	18°49	8°49	3°45	4°19	23°47	25°43	29°27	18°59	21°54	23°11	14° 0	9°37	T 21
F 22	6 1 3	29°45'12	18°12	19°54	10° 1	4°27	4°29	23°43	25°46	29°30	18°58	21°44	23° 8	14° 7	9°44	F 22
S 23	6 5 0	0♑46'19	2♑ 5	20°56	11°13	5° 9	4°38	23°40	25°50	29°32	18°57	21°36	23° 5	14°13	9°50	S 23
S 24	6 8 56	1°47'26	16°11	21°52	12°25	5°51	4°48	23°37	25°53	29°34	18°56	21°29	23° 2	14°20	9°57	S 24
M25	6 12 53	2°48'33	0♒28	22°42	13°37	6°33	4°58	23°33	25°56	29°36	18°55	21°25	22°58	14°27	10° 3	M25
T 26	6 16 49	3°49'41	14°49	23°26	14°48	7°15	5° 7	23°30	25°59	29°39	18°54	21°D23	22°55	14°33	10°10	T 26
W27	6 20 46	4°50'48	29°10	24° 2	16° 0	7°57	5°17	23°27	26° 2	29°41	18°53	21°23	22°52	14°40	10°16	W27
T 28	6 24 42	5°51'56	13♓28	24°29	17°12	8°39	5°26	23°24	26° 5	29°43	18°52	21°24	22°49	14°46	10°22	T 28
F 29	6 28 39	6°53'04	27°40	24°47	18°23	9°21	5°35	23°21	26° 8	29°45	18°50	21°25	22°46	14°53	10°29	F 29
S 30	6 32 36	7°54'12	11♈44	24°R55	19°34	10° 3	5°44	23°19	26°12	29°48	18°49	21°R25	22°43	15° 0	10°35	S 30
S 31	6 36 32	8♑55'20	25♈40	24♑52	20♒45	10♐45	5♏53	23♉16	26♏15	29♐50	18♊48	21♌24	22♌39	15♍ 6	10♏41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s41	7s 4	1s58	25s 2	1s58	24s35	1s59	17s28	0n15	10s40	1n 7	16n45	2s22	18s38	0n16	22s14	1n11	13n15	9s46	13n35	13n26	8n34	13s35	0n20
S 2	21 51	2 29	3 3	25 12	2 2	24 28	2 0	17 39	0 14	10 44	1 7	16 44	2 22	18 39	0 16	22 14	1 11	13 15	9 46	13 36	13 27	8 33	13 37	0 20
S 3	22 0	2n15	3 56	25 21	2 5	24 20	2 1	17 51	0 14	10 48	1 7	16 43	2 22	18 40	0 16	22 14	1 11	13 15	9 46	13 37	13 28	8 31	13 40	0 21
M 4	22 8	6 50	4 35	25 28	2 8	24 11	2 2	18 2	0 13	10 52	1 7	16 42	2 21	18 41	0 16	22 14	1 11	13 15	9 46	13 40	13 29	8 29	13 42	0 21
T 5	22 16	11 1	4 57	25 33	2 11	24 1	2 3	18 13	0 13	10 56	1 7	16 41	2 21	18 42	0 16	22 14	1 11	13 15	9 46	13 43	13 30	8 27	13 44	0 21
W 6	22 24	14 34	5 1	25 38	2 14	23 51	2 3	18 24	0 12	10 59	1 7	16 40	2 21	18 43	0 16	22 14	1 11	13 15	9 46	13 46	13 31	8 26	13 46	0 21
T 7	22 31	17 16	4 48	25 41	2 16	23 40	2 4	18 35	0 11	11 3	1 7	16 39	2 21	18 43	0 16	22 14	1 11	13 14	9 46	13 50	13 32	8 24	13 48	0 22
F 8	22 38	18 58	4 19	25 42	2 17	23 29	2 5	18 46	0 11	11 7	1 7	16 38	2 21	18 44	0 16	22 14	1 11	13 14	9 46	13 54	13 33	8 22	13 50	0 22
S 9	22 44	19 37	3 37	25 42	2 19	23 17	2 5	18 56	0 10	11 10	1 8	16 37	2 21	18 45	0 16	22 14	1 11	13 14	9 46	13 57	13 34	8 20	13 52	0 22
S 10	22 50	19 14	2 45	25 41	2 20	23 4	2 6	19 6	0 10	11 14	1 8	16 36	2 20	18 46	0 16	22 14	1 11	13 14	9 46	14 0	13 35	8 19	13 54	0 23
M11	22 56	17 55	1 45	25 38	2 20	22 51	2 6	19 17	0 9	11 18	1 8	16 36	2 20	18 47	0 16	22 14	1 11	13 14	9 46	14 1	13 36	8 17	13 57	0 23
T 12	23 1	15 48	0 42	25 34	2 20	22 36	2 6	19 27	0 8	11 21	1 8	16 35	2 20	18 48	0 16	22 14	1 11	13 14	9 46	14 2	13 37	8 15	13 59	0 23
W13	23 5	13 2	0n21	25 28	2 19	22 22	2 6	19 37	0 8	11 25	1 8	16 34	2 20	18 49	0 16	22 14	1 11	13 14	9 46	14 2	13 38	8 13	14 1	0 24
T 14	23 9	9 46	1 24	25 21	2 18	22 6	2 6	19 46	0 7	11 28	1 8	16 33	2 20	18 49	0 16	22 14	1 11	13 14	9 46	14 2	13 39	8 11	14 3	0 24
F 15	23 13	6 7	2 23	25 13	2 16	21 50	2 6	19 56	0 7	11 32	1 8	16 32	2 20	18 50	0 16	22 14	1 11	13 14	9 46	14 1	13 40	8 10	14 5	0 24
S 16	23 16	2 14	3 15	25 3	2 14	21 34	2 6	20 5	0 6	11 35	1 8	16 32	2 19	18 51	0 16	22 14	1 11	13 14	9 46	14 2	13 41	8 8	14 6	0 25
S 17	23 19	1s47	4 0	24 52	2 11	21 17	2 6	20 15	0 5	11 39	1 8	16 31	2 19	18 52	0 16	22 14	1 11	13 14	9 46	14 2	13 42	8 6	14 8	0 25
M18	23 21	5 48	4 35	24 40	2 7	20 59	2 6	20 24	0 5	11 42	1 9	16 30	2 19	18 53	0 16	22 14	1 11	13 14	9 46	14 4	13 44	8 4	14 10	0 25
T 19	23 23	9 39	4 58	24 26	2 2	20 40	2 5	20 33	0 4	11 45	1 9	16 29	2 19	18 53	0 16	22 14	1 11	13 14	9 46	14 6	13 45	8 2	14 12	0 26
W20	23 24	13 11	5 6	24 11	1 57	20 22	2 5	20 41	0 4	11 49	1 9	16 29	2 19	18 54	0 16	22 14	1 11	13 14	9 46	14 9	13 46	8 1	14 14	0 26
T 21	23 25	16 9	4 59	23 55	1 50	20 2	2 4	20 50	0 3	11 52	1 9	16 28	2 18	18 55	0 16	22 14	1 11	13 14	9 46	14 12	13 47	7 59	14 16	0 26
F 22	23 25	18 20	4 34	23 38	1 43	19 42	2 4	20 58	0 2	11 55	1 9	16 27	2 18	18 56	0 16	22 14	1 11	13 14	9 46	14 15	13 48	7 57	14 18	0 27
S 23	23 25	19 30	3 54	23 21	1 35	19 22	2 3	21 7	0 2	11 58	1 9	16 27	2 18	18 57	0 16	22 14	1 11	13 14	9 46	14 18	13 49	7 55	14 19	0 27
S 24	23 24	19 29	2 58	23 3	1 25	19 1	2 2	21 15	0 1	12 1	1 9	16 26	2 18	18 57	0 16	22 14	1 11	13 14	9 45	14 20	13 50	7 53	14 21	0 28
M25	23 23	18 14	1 50	22 44	1 14	18 39	2 1	21 22	0 0	12 4	1 10	16 26	2 17	18 58	0 16	22 14	1 11	13 14	9 45	14 21	13 51	7 52	14 23	0 28
T 26	23 22	15 49	0 35	22 25	1 3	18 17	2 0	21 30	0s 0	12 7	1 10	16 25	2 17	18 59	0 16	22 14	1 11	13 14	9 45	14 22	13 52	7 50	14 24	0 28
W27	23 20	12 25	0s42	22 6	0 50	17 55	1 58	21 38	0 1	12 10	1 10	16 25	2 17	19 0	0 16	22 14	1 11	13 14	9 45	14 22	13 53	7 48	14 26	0 29
T 28	23 17	8 17	1 57	21 47	0 35	17 32	1 57	21 45	0 1	12 13	1 10	16 24	2 17	19 0	0 16	22 14	1 11	13 14	9 45	14 21	13 54	7 46	14 28	0 29
F 29	23 14	3 44	3 4	21 29	0 20	17 8	1 56	21 52	0 2	12 16	1 10	16 24	2 16	19 1	0 16	22 14	1 11	13 14	9 45	14 21	13 55	7 44	14 29	0 29
S 30	23 11	0n58	3 59	21 11	0 3	16 44	1 54	21 59	0 3	12 19	1 10	16 23	2 16	19 2	0 16	22 14	1 11	13 14	9 45	14 21	13 56	7 43	14 31	0 30
S 31	23s 7	5n34	4s39	20s54	0n14	16s20	1s52	22s 6	0s 3	12s22	1n10	16n23	2s16	19s 2	0n16	22s14	1n11	13n14	9s45	14n21	13n57	7n41	14s32	0n30

Julian Day Number = 2505569.5, Delta T = 120.24 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°48'26, Lahiri = 25°55'26

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ASTRODIENST EPHEMERIS for the year 2148
geocentric

JANUARY 2148 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 40 29	9♑56'28	9♉27	24°R38	21♒57	11♐28	6♏ 2	23°R13	26♏17	29♐52	18°R47	21°R21	22♌36	15♍13	10♏47	M 1
T 2	6 44 25	10°57'35	23° 3	24♑11	23° 8	12°10	6°10	23♉11	26°20	29°54	18♊46	21♌15	22°33	15°20	10°52	T 2
W 3	6 48 22	11°58'43	6♊29	23°33	24°18	12°52	6°19	23° 8	26°23	29°57	18°45	21° 9	22°30	15°26	10°58	W 3
T 4	6 52 18	12°59'51	19°42	22°44	25°29	13°34	6°27	23° 6	26°26	29°59	18°44	21° 2	22°27	15°33	11° 4	T 4
F 5	6 56 15	14° 0'59	2♋42	21°44	26°40	14°17	6°36	23° 4	26°29	0♑ 1	18°43	20°55	22°24	15°40	11° 9	F 5
S 6	7 0 11	15° 2'06	15°28	20°35	27°50	14°59	6°44	23° 2	26°32	0° 3	18°42	20°50	22°20	15°46	11°15	S 6
S 7	7 4 8	16° 3'14	27°59	19°20	29° 1	15°42	6°52	23° 0	26°35	0° 6	18°41	20°46	22°17	15°53	11°20	S 7
M 8	7 8 5	17° 4'22	10♌17	18° 1	0♓11	16°24	7° 0	22°58	26°37	0° 8	18°40	20°44	22°14	16° 0	11°26	M 8
T 9	7 12 1	18° 5'30	22°22	16°40	1°21	17° 7	7° 8	22°56	26°40	0°10	18°39	20°D43	22°11	16° 6	11°31	T 9
W10	7 15 58	19° 6'37	4♍18	15°20	2°31	17°49	7°15	22°55	26°43	0°12	18°38	20°44	22° 8	16°13	11°36	W10
T 11	7 19 54	20° 7'45	16° 8	14° 3	3°41	18°32	7°23	22°53	26°45	0°14	18°37	20°45	22° 4	16°20	11°41	T 11
F 12	7 23 51	21° 8'53	27°56	12°52	4°51	19°14	7°30	22°52	26°48	0°16	18°36	20°47	22° 1	16°26	11°46	F 12
S 13	7 27 47	22°10'01	9♎47	11°49	6° 1	19°57	7°38	22°50	26°50	0°19	18°35	20°49	21°58	16°33	11°51	S 13
S 14	7 31 44	23°11'09	21°45	10°54	7°10	20°40	7°45	22°49	26°53	0°21	18°34	20°R50	21°55	16°40	11°56	S 14
M15	7 35 40	24°12'16	3♏55	10° 8	8°20	21°23	7°52	22°48	26°55	0°23	18°33	20°49	21°52	16°46	12° 0	M15
T 16	7 39 37	25°13'24	16°23	9°32	9°29	22° 5	7°59	22°47	26°58	0°25	18°32	20°48	21°49	16°53	12° 5	T 16
W17	7 43 34	26°14'32	29°13	9° 6	10°38	22°48	8° 5	22°46	27° 0	0°27	18°31	20°45	21°45	17° 0	12° 9	W17
T 18	7 47 30	27°15'40	12♐27	8°49	11°47	23°31	8°12	22°45	27° 2	0°29	18°31	20°41	21°42	17° 6	12°14	T 18
F 19	7 51 27	28°16'47	26° 6	8°D42	12°55	24°14	8°18	22°45	27° 5	0°31	18°30	20°38	21°39	17°13	12°18	F 19
S 20	7 55 23	29°17'54	10♑ 9	8°43	14° 4	24°57	8°25	22°44	27° 7	0°33	18°29	20°35	21°36	17°20	12°22	S 20
S 21	7 59 20	0♒19'01	24°34	8°53	15°12	25°40	8°31	22°44	27° 9	0°35	18°28	20°32	21°33	17°26	12°26	S 21
M22	8 3 16	1°20'07	9♒14	9° 9	16°21	26°23	8°37	22°43	27°11	0°37	18°27	20°31	21°30	17°33	12°30	M22
T 23	8 7 13	2°21'13	24° 2	9°33	17°29	27° 6	8°43	22°43	27°13	0°39	18°26	20°D31	21°26	17°40	12°34	T 23
W24	8 11 10	3°22'17	8♓51	10° 2	18°36	27°49	8°48	22°D43	27°15	0°41	18°26	20°31	21°23	17°46	12°38	W24
T 25	8 15 6	4°23'21	23°34	10°38	19°44	28°32	8°54	22°43	27°17	0°43	18°25	20°32	21°20	17°53	12°42	T 25
F 26	8 19 3	5°24'24	8♈ 5	11°18	20°51	29°15	8°59	22°43	27°19	0°45	18°24	20°34	21°17	18° 0	12°45	F 26
S 27	8 22 59	6°25'26	22°21	12° 3	21°59	29°58	9° 4	22°43	27°21	0°47	18°23	20°34	21°14	18° 6	12°49	S 27
S 28	8 26 56	7°26'27	6♉20	12°52	23° 5	0♑42	9° 9	22°44	27°23	0°49	18°23	20°R35	21°10	18°13	12°52	S 28
M29	8 30 52	8°27'27	20° 0	13°45	24°12	1°25	9°14	22°44	27°25	0°51	18°22	20°35	21° 7	18°20	12°55	M29
T 30	8 34 49	9°28'25	3♊23	14°41	25°19	2° 8	9°19	22°45	27°27	0°53	18°21	20°34	21° 4	18°26	12°59	T 30
W31	8 38 45	10♒29'23	16♊30	15♑40	26♓25	2♑51	9♏23	22♉46	27♏28	0♑55	18♊21	20♌33	21♌ 1	18♍33	13♏ 2	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 3	9n50	5s 3	20s39	0n33	15s56	1s51	22s12	0s 4	12s25	1n11	16n22	2s16	19s 3	0n16	22s14	1n11	13n14	9s45	14n22	13n58	7n39	14s34	0n30
T 2	22 58	13 31	5 10	20 24	0 52	15 31	1 49	22 18	0 5	12 27	1 11	16 22	2 15	19 4	0 16	22 14	1 11	13 14	9 44	14 24	13 59	7 37	14 35	0 31
W 3	22 53	16 27	4 59	20 12	1 11	15 5	1 47	22 25	0 5	12 30	1 11	16 22	2 15	19 4	0 16	22 14	1 11	13 14	9 44	14 26	14 0	7 35	14 37	0 31
T 4	22 47	18 29	4 32	20 1	1 31	14 39	1 45	22 30	0 6	12 33	1 11	16 21	2 15	19 5	0 16	22 14	1 11	13 14	9 44	14 28	14 1	7 33	14 38	0 31
F 5	22 41	19 31	3 52	19 51	1 50	14 13	1 43	22 36	0 7	12 35	1 11	16 21	2 15	19 6	0 16	22 14	1 11	13 14	9 44	14 31	14 2	7 32	14 40	0 32
S 6	22 34	19 32	3 1	19 44	2 8	13 47	1 40	22 42	0 7	12 38	1 11	16 21	2 14	19 6	0 16	22 14	1 11	13 14	9 44	14 32	14 3	7 30	14 41	0 32
S 7	22 27	18 34	2 1	19 38	2 25	13 20	1 38	22 47	0 8	12 40	1 11	16 20	2 14	19 7	0 16	22 14	1 11	13 14	9 44	14 34	14 4	7 28	14 42	0 32
M 8	22 20	16 44	0 57	19 34	2 40	12 53	1 35	22 52	0 9	12 43	1 12	16 20	2 14	19 8	0 16	22 14	1 11	13 14	9 44	14 34	14 5	7 26	14 44	0 33
T 9	22 12	14 11	0n 9	19 31	2 53	12 26	1 33	22 57	0 9	12 45	1 12	16 20	2 14	19 8	0 16	22 14	1 11	13 14	9 43	14 34	14 6	7 24	14 45	0 33
W10	22 3	11 4	1 14	19 30	3 3	11 58	1 30	23 2	0 10	12 47	1 12	16 20	2 13	19 9	0 16	22 14	1 11	13 15	9 43	14 34	14 7	7 22	14 46	0 34
T 11	21 55	7 32	2 15	19 30	3 12	11 30	1 27	23 6	0 11	12 50	1 12	16 20	2 13	19 10	0 16	22 14	1 11	13 15	9 43	14 34	14 8	7 21	14 47	0 34
F 12	21 45	3 44	3 10	19 32	3 17	11 2	1 24	23 10	0 11	12 52	1 12	16 20	2 13	19 10	0 16	22 14	1 11	13 15	9 43	14 33	14 9	7 19	14 48	0 34
S 13	21 36	0s14	3 58	19 34	3 20	10 33	1 21	23 14	0 12	12 54	1 12	16 20	2 13	19 11	0 16	22 14	1 11	13 15	9 43	14 33	14 10	7 17	14 50	0 35
S 14	21 26	4 12	4 35	19 38	3 21	10 5	1 18	23 18	0 13	12 56	1 13	16 20	2 12	19 11	0 16	22 14	1 11	13 15	9 43	14 32	14 11	7 15	14 51	0 35
M15	21 15	8 5	5 1	19 43	3 20	9 36	1 15	23 22	0 13	12 58	1 13	16 20	2 12	19 12	0 16	22 14	1 11	13 15	9 43	14 32	14 12	7 13	14 52	0 35
T 16	21 4	11 42	5 14	19 49	3 16	9 6	1 11	23 25	0 14	13 0	1 13	16 20	2 12	19 12	0 16	22 14	1 11	13 15	9 42	14 33	14 13	7 11	14 53	0 36
W17	20 53	14 54	5 11	19 55	3 12	8 37	1 8	23 28	0 15	13 2	1 13	16 20	2 11	19 13	0 16	22 14	1 11	13 15	9 42	14 34	14 15	7 9	14 54	0 36
T 18	20 41	17 26	4 53	20 2	3 6	8 8	1 4	23 31	0 15	13 4	1 13	16 20	2 11	19 13	0 16	22 14	1 11	13 15	9 42	14 35	14 16	7 8	14 55	0 37
F 19	20 29	19 5	4 17	20 10	2 58	7 38	1 0	23 34	0 16	13 6	1 14	16 20	2 11	19 14	0 16	22 14	1 11	13 15	9 42	14 36	14 17	7 6	14 56	0 37
S 20	20 17	19 38	3 25	20 18	2 50	7 8	0 57	23 36	0 17	13 8	1 14	16 20	2 11	19 14	0 16	22 14	1 11	13 15	9 42	14 37	14 18	7 4	14 57	0 37
S 21	20 4	18 55	2 19	20 26	2 42	6 38	0 53	23 38	0 18	13 10	1 14	16 20	2 10	19 15	0 16	22 14	1 11	13 16	9 41	14 38	14 19	7 2	14 57	0 38
M22	19 51	16 56	1 2	20 34	2 32	6 8	0 49	23 40	0 18	13 11	1 14	16 20	2 10	19 15	0 16	22 14	1 11	13 16	9 41	14 38	14 20	7 0	14 58	0 38
T 23	19 37	13 48	0s19	20 42	2 23	5 38	0 45	23 42	0 19	13 13	1 14	16 21	2 10	19 16	0 16	22 14	1 11	13 16	9 41	14 38	14 21	6 58	14 59	0 39
W24	19 23	9 47	1 40	20 50	2 13	5 7	0 40	23 44	0 20	13 15	1 14	16 21	2 9	19 16	0 16	22 14	1 11	13 16	9 41	14 38	14 22	6 56	15 0	0 39
T 25	19 9	5 12	2 53	20 58	2 2	4 37	0 36	23 45	0 20	13 16	1 15	16 21	2 9	19 17	0 16	22 14	1 11	13 16	9 41	14 38	14 23	6 54	15 1	0 39
F 26	18 54	0 23	3 54	21 5	1 52	4 6	0 32	23 46	0 21	13 18	1 15	16 21	2 9	19 17	0 16	22 14	1 11	13 16	9 41	14 37	14 24	6 53	15 1	0 40
S 27	18 39	4n22	4 40	21 11	1 42	3 36	0 27	23 47	0 22	13 19	1 15	16 22	2 9	19 18	0 16	22 14	1 11	13 16	9 40	14 37	14 25	6 51	15 2	0 40
S 28	18 24	8 47	5 7	21 17	1 31	3 5	0 22	23 48	0 23	13 21	1 15	16 22	2 8	19 18	0 16	22 14	1 11	13 17	9 40	14 37	14 26	6 49	15 3	0 41
M29	18 8	12 38	5 17	21 22	1 21	2 34	0 18	23 48	0 23	13 22	1 15	16 23	2 8	19 19	0 16	22 14	1 11	13 17	9 40	14 37	14 27	6 47	15 3	0 41
T 30	17 52	15 45	5 9	21 26	1 11	2 4	0 13	23 48	0 24	13 23	1 16	16 23	2 8	19 19	0 16	22 14	1 11	13 17	9 40	14 37	14 28	6 45	15 4	0 41
W31	17s36	18n 0	4s45	21s30	1n 1	1s33	0s 8	23s48	0s25	13s25	1n16	16n23	2s 7	19s19	0n16	22s14	1n11	13n17	9s40	14n38	14n29	6n43	15s 4	0n42

Julian Day Number = 2505600.5, Delta T = 120.30 sec
Ecliptic obliquity = 23°25'04, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°48'30, Lahiri = 25°55'30

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ASTRODIENST EPHEMERIS for the year 2148
geocentric

FEBRUARY 2148 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 42 42	11♒30'19	29♊21	16♑42	27♓31	3♑35	9♏28	22♉46	27♏30	0♑57	18°R20	20°R31	20♌58	18♍40	13♏ 5	T 1
F 2	8 46 39	12°31'14	11♋58	17°47	28°37	4°18	9°32	22°47	27°31	0°58	18♊19	20♌30	20°55	18°46	13° 7	F 2
S 3	8 50 35	13°32'09	24°24	18°54	29°42	5° 2	9°36	22°48	27°33	1° 0	18°19	20°29	20°51	18°53	13°10	S 3
S 4	8 54 32	14°33'02	6♌39	20° 3	0♈47	5°45	9°40	22°49	27°35	1° 2	18°18	20°29	20°48	19° 0	13°13	S 4
M 5	8 58 28	15°33'54	18°44	21°14	1°52	6°28	9°43	22°51	27°36	1° 4	18°18	20°D28	20°45	19° 6	13°15	M 5
T 6	9 2 25	16°34'44	0♍42	22°27	2°57	7°12	9°47	22°52	27°37	1° 5	18°17	20°28	20°42	19°13	13°17	T 6
W 7	9 6 21	17°35'34	12°35	23°41	4° 1	7°56	9°50	22°54	27°39	1° 7	18°16	20°29	20°39	19°20	13°20	W 7
T 8	9 10 18	18°36'23	24°24	24°57	5° 5	8°39	9°53	22°55	27°40	1° 9	18°16	20°29	20°36	19°26	13°22	T 8
F 9	9 14 14	19°37'11	6♎13	26°15	6° 9	9°23	9°56	22°57	27°41	1°11	18°15	20°29	20°32	19°33	13°24	F 9
S 10	9 18 11	20°37'57	18° 4	27°34	7°12	10° 6	9°59	22°59	27°42	1°12	18°15	20°R29	20°29	19°40	13°26	S 10
S 11	9 22 7	21°38'43	0♏ 2	28°54	8°15	10°50	10° 2	23° 1	27°44	1°14	18°15	20°29	20°26	19°46	13°28	S 11
M12	9 26 4	22°39'28	12°11	0♒16	9°17	11°34	10° 4	23° 3	27°45	1°15	18°14	20°29	20°23	19°53	13°29	M12
T 13	9 30 1	23°40'12	24°35	1°39	10°20	12°18	10° 6	23° 5	27°46	1°17	18°14	20°D29	20°20	20° 0	13°31	T 13
W14	9 33 57	24°40'55	7♐19	3° 2	11°22	13° 1	10° 8	23° 7	27°47	1°18	18°13	20°29	20°16	20° 6	13°32	W14
T 15	9 37 54	25°41'36	20°26	4°27	12°23	13°45	10°10	23° 9	27°48	1°20	18°13	20°29	20°13	20°13	13°34	T 15
F 16	9 41 50	26°42'17	3♑59	5°53	13°24	14°29	10°12	23°12	27°48	1°21	18°13	20°30	20°10	20°19	13°35	F 16
S 17	9 45 47	27°42'57	17°59	7°20	14°25	15°13	10°14	23°14	27°49	1°23	18°12	20°31	20° 7	20°26	13°36	S 17
S 18	9 49 43	28°43'35	2♒25	8°48	15°25	15°57	10°15	23°17	27°50	1°24	18°12	20°31	20° 4	20°33	13°37	S 18
M19	9 53 40	29°44'12	17°13	10°17	16°25	16°41	10°16	23°20	27°51	1°26	18°12	20°R32	20° 1	20°39	13°38	M19
T 20	9 57 36	0♓44'48	2♓16	11°47	17°24	17°25	10°17	23°23	27°51	1°27	18°11	20°31	19°57	20°46	13°38	T 20
W21	10 1 33	1°45'22	17°26	13°18	18°23	18° 9	10°18	23°26	27°52	1°29	18°11	20°31	19°54	20°53	13°39	W21
T 22	10 5 30	2°45'54	2♈32	14°50	19°22	18°53	10°18	23°29	27°53	1°30	18°11	20°29	19°51	20°59	13°40	T 22
F 23	10 9 26	3°46'25	17°27	16°23	20°19	19°37	10°19	23°32	27°53	1°31	18°11	20°28	19°48	21° 6	13°40	F 23
S 24	10 13 23	4°46'54	2♉ 3	17°57	21°17	20°21	10°R19	23°35	27°53	1°32	18°11	20°26	19°45	21°13	13°40	S 24
S 25	10 17 19	5°47'21	16°15	19°32	22°14	21° 5	10°19	23°39	27°54	1°34	18°11	20°25	19°41	21°19	13°40	S 25
M26	10 21 16	6°47'46	0♊ 2	21° 7	23°10	21°49	10°18	23°42	27°54	1°35	18°10	20°24	19°38	21°26	13°R40	M26
T 27	10 25 12	7°48'09	13°24	22°44	24° 6	22°33	10°18	23°46	27°54	1°36	18°10	20°D24	19°35	21°33	13°40	T 27
W28	10 29 9	8°48'30	26°23	24°22	25° 1	23°17	10°18	23°49	27°55	1°37	18°10	20°25	19°32	21°39	13°40	W28
T 29	10 33 5	9♓48'50	9♋ 2	26♒ 0	25♈55	24♑ 2	10♏17	23♉53	27♏55	1♑38	18♊10	20♌26	19♌29	21♍46	13♏40	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s19	19n18	4s 7	21s32	0n51	1s 2	0s 3	23s48	0s26	13s26	1n16	16n24	2s 7	19s20	0n16	22s14	1n11	13n17	9s39	14n38	14n30	6n41	15s 5	0n42
F 2	17 2	19 36	3 18	21 34	0 41	0 31	0n 2	23 47	0 26	13 27	1 16	16 24	2 7	19 20	0 16	22 14	1 11	13 17	9 39	14 39	14 31	6 39	15 5	0 43
S 3	16 45	18 55	2 20	21 34	0 31	0 1	0 7	23 46	0 27	13 28	1 16	16 25	2 6	19 20	0 16	22 14	1 11	13 17	9 39	14 39	14 32	6 37	15 6	0 43
S 4	16 27	17 22	1 16	21 34	0 22	0n30	0 12	23 45	0 28	13 29	1 17	16 26	2 6	19 21	0 16	22 14	1 11	13 18	9 39	14 39	14 33	6 36	15 6	0 43
M 5	16 9	15 3	0 10	21 32	0 13	1 1	0 18	23 44	0 28	13 30	1 17	16 26	2 6	19 21	0 16	22 14	1 11	13 18	9 38	14 39	14 34	6 34	15 6	0 44
T 6	15 51	12 6	0n57	21 30	0 3	1 32	0 23	23 43	0 29	13 31	1 17	16 27	2 6	19 21	0 16	22 14	1 11	13 18	9 38	14 39	14 35	6 32	15 7	0 44
W 7	15 33	8 41	2 0	21 26	0s 5	2 2	0 29	23 41	0 30	13 32	1 17	16 27	2 5	19 22	0 16	22 14	1 11	13 18	9 38	14 39	14 36	6 30	15 7	0 45
T 8	15 14	4 57	2 58	21 21	0 14	2 33	0 34	23 39	0 31	13 32	1 17	16 28	2 5	19 22	0 16	22 14	1 11	13 18	9 38	14 39	14 37	6 28	15 7	0 45
F 9	14 55	1 2	3 48	21 15	0 22	3 3	0 40	23 37	0 31	13 33	1 18	16 29	2 5	19 22	0 16	22 14	1 11	13 19	9 38	14 39	14 38	6 26	15 7	0 45
S 10	14 36	2s56	4 29	21 7	0 30	3 33	0 46	23 34	0 32	13 34	1 18	16 30	2 4	19 22	0 16	22 14	1 11	13 19	9 37	14 39	14 39	6 24	15 8	0 46
S 11	14 17	6 49	4 58	20 59	0 38	4 4	0 52	23 31	0 33	13 34	1 18	16 30	2 4	19 23	0 16	22 14	1 11	13 19	9 37	14 39	14 40	6 22	15 8	0 46
M12	13 57	10 29	5 15	20 49	0 45	4 34	0 58	23 28	0 34	13 35	1 18	16 31	2 4	19 23	0 16	22 13	1 11	13 19	9 37	14 39	14 41	6 20	15 8	0 47
T 13	13 37	13 46	5 17	20 38	0 53	5 4	1 4	23 25	0 34	13 36	1 19	16 32	2 4	19 23	0 16	22 13	1 11	13 19	9 37	14 39	14 42	6 18	15 8	0 47
W14	13 17	16 30	5 4	20 26	1 0	5 34	1 10	23 22	0 35	13 36	1 19	16 33	2 3	19 23	0 16	22 13	1 11	13 20	9 36	14 39	14 43	6 17	15 8	0 48
T 15	12 57	18 29	4 36	20 12	1 6	6 3	1 16	23 18	0 36	13 36	1 19	16 34	2 3	19 24	0 16	22 13	1 11	13 20	9 36	14 39	14 44	6 15	15 8	0 48
F 16	12 36	19 31	3 51	19 57	1 13	6 33	1 22	23 14	0 37	13 37	1 19	16 34	2 3	19 24	0 16	22 13	1 11	13 20	9 36	14 39	14 45	6 13	15 8	0 48
S 17	12 15	19 23	2 51	19 41	1 19	7 2	1 29	23 10	0 37	13 37	1 19	16 35	2 2	19 24	0 16	22 13	1 11	13 20	9 36	14 38	14 46	6 11	15 8	0 49
S 18	11 54	18 0	1 39	19 24	1 24	7 31	1 35	23 6	0 38	13 37	1 20	16 36	2 2	19 24	0 16	22 13	1 11	13 20	9 35	14 38	14 47	6 9	15 8	0 49
M19	11 33	15 22	0 18	19 5	1 30	8 0	1 41	23 1	0 39	13 37	1 20	16 37	2 2	19 24	0 16	22 13	1 11	13 21	9 35	14 38	14 48	6 7	15 8	0 50
T 20	11 12	11 40	1s 5	18 45	1 35	8 29	1 48	22 57	0 40	13 37	1 20	16 38	2 2	19 24	0 16	22 13	1 11	13 21	9 35	14 38	14 49	6 5	15 7	0 50
W21	10 50	7 10	2 24	18 24	1 40	8 58	1 54	22 52	0 41	13 37	1 20	16 39	2 1	19 25	0 16	22 13	1 11	13 21	9 35	14 38	14 50	6 3	15 7	0 51
T 22	10 29	2 15	3 33	18 2	1 44	9 26	2 1	22 46	0 41	13 37	1 20	16 40	2 1	19 25	0 16	22 13	1 12	13 21	9 34	14 39	14 51	6 1	15 7	0 51
F 23	10 7	2n45	4 26	17 38	1 48	9 54	2 8	22 41	0 42	13 37	1 21	16 41	2 1	19 25	0 16	22 13	1 12	13 21	9 34	14 39	14 52	5 59	15 7	0 51
S 24	9 45	7 28	5 1	17 13	1 52	10 22	2 14	22 35	0 43	13 37	1 21	16 42	2 1	19 25	0 16	22 13	1 12	13 22	9 34	14 40	14 53	5 57	15 6	0 52
S 25	9 23	11 38	5 16	16 47	1 56	10 50	2 21	22 29	0 44	13 37	1 21	16 43	2 0	19 25	0 16	22 13	1 12	13 22	9 34	14 40	14 54	5 55	15 6	0 52
M26	9 1	15 3	5 12	16 19	1 59	11 17	2 28	22 23	0 44	13 37	1 21	16 45	2 0	19 25	0 16	22 13	1 12	13 22	9 33	14 41	14 55	5 53	15 5	0 53
T 27	8 38	17 34	4 52	15 50	2 1	11 44	2 35	22 17	0 45	13 36	1 21	16 46	2 0	19 25	0 16	22 13	1 12	13 22	9 33	14 41	14 56	5 51	15 5	0 53
W28	8 16	19 6	4 17	15 20	2 4	12 11	2 42	22 10	0 46	13 36	1 22	16 47	1 59	19 25	0 16	22 13	1 12	13 23	9 33	14 40	14 57	5 49	15 5	0 54
T 29	7s53	19n37	3s30	14s49	2s 6	12n37	2n49	22s 3	0s47	13s36	1n22	16n48	1s59	19s25	0n16	22s13	1n12	13n23	9s33	14n40	14n58	5n48	15s 4	0n54

Julian Day Number = 2505631.5, Delta T = 120.36 sec
Ecliptic obliquity = 23°25'05, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°48'34, Lahiri = 25°55'35

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ASTRODIENST EPHEMERIS for the year 2148
geocentric

MARCH 2148 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 37 2	10♓49'07	21♋26	27♒40	26♈49	24♑46	10°R16	23♉57	27♏55	1♑39	18°R10	20♌28	19♌26	21♍53	13°R39	F 1
S 2	10 40 59	11°49'23	3♌37	29°20	27°42	25°30	10♏15	24° 1	27°R55	1°40	18°D10	20°29	19°22	21°59	13♏39	S 2
S 3	10 44 55	12°49'36	15°39	1♓ 2	28°35	26°14	10°13	24° 5	27°55	1°42	18♊10	20°R30	19°19	22° 6	13°38	S 3
M 4	10 48 52	13°49'48	27°34	2°45	29°26	26°59	10°12	24° 9	27°55	1°43	18°10	20°30	19°16	22°13	13°38	M 4
T 5	10 52 48	14°49'57	9♍25	4°28	0♉17	27°43	10°10	24°13	27°55	1°43	18°10	20°28	19°13	22°19	13°37	T 5
W 6	10 56 45	15°50'05	21°14	6°13	1° 7	28°27	10° 8	24°18	27°55	1°44	18°10	20°26	19°10	22°26	13°36	W 6
T 7	11 0 41	16°50'11	3♎ 4	7°59	1°57	29°12	10° 6	24°22	27°54	1°45	18°10	20°22	19° 7	22°33	13°35	T 7
F 8	11 4 38	17°50'16	14°56	9°46	2°45	29°56	10° 4	24°26	27°54	1°46	18°10	20°17	19° 3	22°39	13°33	F 8
S 9	11 8 34	18°50'18	26°51	11°34	3°33	0♒41	10° 1	24°31	27°54	1°47	18°11	20°12	19° 0	22°46	13°32	S 9
S 10	11 12 31	19°50'19	8♏54	13°23	4°19	1°25	9°59	24°36	27°53	1°48	18°11	20° 7	18°57	22°53	13°31	S 10
M11	11 16 28	20°50'19	21° 5	15°13	5° 5	2°10	9°56	24°40	27°53	1°49	18°11	20° 3	18°54	22°59	13°29	M11
T 12	11 20 24	21°50'16	3♐30	17° 4	5°50	2°54	9°53	24°45	27°52	1°49	18°11	20° 0	18°51	23° 6	13°28	T 12
W13	11 24 21	22°50'12	16°10	18°57	6°34	3°39	9°50	24°50	27°52	1°50	18°11	19°58	18°47	23°13	13°26	W13
T 14	11 28 17	23°50'07	29°10	20°50	7°16	4°23	9°47	24°55	27°51	1°51	18°12	19°D58	18°44	23°19	13°24	T 14
F 15	11 32 14	24°50'00	12♑33	22°45	7°58	5° 8	9°43	25° 0	27°51	1°51	18°12	19°59	18°41	23°26	13°22	F 15
S 16	11 36 10	25°49'51	26°21	24°40	8°38	5°53	9°39	25° 5	27°50	1°52	18°12	20° 1	18°38	23°33	13°20	S 16
S 17	11 40 7	26°49'40	10♒36	26°37	9°18	6°37	9°35	25°10	27°49	1°53	18°13	20° 2	18°35	23°40	13°18	S 17
M18	11 44 3	27°49'28	25°15	28°34	9°56	7°22	9°31	25°16	27°48	1°53	18°13	20°R 2	18°32	23°46	13°16	M18
T 19	11 48 0	28°49'14	10♓15	0♈33	10°33	8° 7	9°27	25°21	27°48	1°54	18°13	20° 1	18°28	23°53	13°13	T 19
W20	11 51 56	29°48'58	25°28	2°32	11° 8	8°52	9°23	25°27	27°47	1°54	18°14	19°57	18°25	24° 0	13°11	W20
T 21	11 55 53	0♈48'40	10♈44	4°32	11°42	9°36	9°18	25°32	27°46	1°55	18°14	19°52	18°22	24° 6	13° 8	T 21
F 22	11 59 50	1°48'20	25°53	6°32	12°15	10°21	9°14	25°38	27°45	1°55	18°14	19°46	18°19	24°13	13° 6	F 22
S 23	12 3 46	2°47'58	10♉44	8°32	12°46	11° 6	9° 9	25°43	27°44	1°55	18°15	19°39	18°16	24°20	13° 3	S 23
S 24	12 7 43	3°47'34	25°11	10°33	13°16	11°51	9° 4	25°49	27°43	1°56	18°15	19°33	18°12	24°26	13° 0	S 24
M25	12 11 39	4°47'07	9♊ 9	12°34	13°44	12°35	8°59	25°55	27°41	1°56	18°16	19°29	18° 9	24°33	12°57	M25
T 26	12 15 36	5°46'38	22°38	14°34	14°11	13°20	8°54	26° 1	27°40	1°56	18°16	19°26	18° 6	24°40	12°54	T 26
W27	12 19 32	6°46'07	5♋40	16°33	14°35	14° 5	8°48	26° 7	27°39	1°57	18°17	19°D25	18° 3	24°46	12°51	W27
T 28	12 23 29	7°45'34	18°18	18°31	14°58	14°50	8°43	26°13	27°38	1°57	18°17	19°25	18° 0	24°53	12°48	T 28
F 29	12 27 25	8°44'58	0♌36	20°28	15°19	15°35	8°37	26°19	27°36	1°57	18°18	19°27	17°57	25° 0	12°45	F 29
S 30	12 31 22	9°44'20	12°41	22°24	15°38	16°20	8°31	26°25	27°35	1°57	18°19	19°28	17°53	25° 6	12°41	S 30
S 31	12 35 19	10♈43'40	24♌36	24♈17	15♉56	17♒ 5	8♏25	26♉31	27♏34	1♑57	18♊19	19°R28	17♌50	25♍13	12♏38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s30	19n11	2s34	14s16	2s 7	13n 3	2n56	21s56	0s47	13s35	1n22	16n49	1s59	19s25	0n16	22s13	1n12	13n23	9s32	14n39	14n59	5n46	15s 4	0n54
S 2	7 7	17 50	1 32	13 42	2 9	13 29	3 3	21 49	0 48	13 35	1 22	16 50	1 59	19 25	0 16	22 13	1 12	13 23	9 32	14 39	15 0	5 44	15 3	0 55
S 3	6 44	15 42	0 27	13 7	2 9	13 55	3 10	21 41	0 49	13 34	1 22	16 52	1 58	19 25	0 16	22 13	1 12	13 24	9 32	14 39	15 1	5 42	15 2	0 55
M 4	6 21	12 55	0n39	12 30	2 10	14 20	3 17	21 33	0 50	13 33	1 23	16 53	1 58	19 25	0 16	22 13	1 12	13 24	9 32	14 39	15 2	5 40	15 2	0 56
T 5	5 58	9 37	1 42	11 52	2 10	14 45	3 24	21 26	0 51	13 33	1 23	16 54	1 58	19 25	0 16	22 13	1 12	13 24	9 31	14 39	15 3	5 38	15 1	0 56
W 6	5 35	5 56	2 41	11 13	2 9	15 9	3 31	21 17	0 51	13 32	1 23	16 56	1 58	19 25	0 16	22 13	1 12	13 24	9 31	14 40	15 4	5 36	15 0	0 57
T 7	5 12	2 2	3 33	10 33	2 8	15 33	3 38	21 9	0 52	13 31	1 23	16 57	1 57	19 25	0 16	22 12	1 12	13 25	9 31	14 41	15 5	5 34	15 0	0 57
F 8	4 48	1s57	4 16	9 51	2 7	15 56	3 45	21 0	0 53	13 30	1 23	16 58	1 57	19 25	0 16	22 12	1 12	13 25	9 31	14 43	15 6	5 32	14 59	0 58
S 9	4 25	5 52	4 48	9 9	2 5	16 20	3 52	20 52	0 54	13 29	1 23	16 59	1 57	19 25	0 16	22 12	1 12	13 25	9 30	14 44	15 7	5 30	14 58	0 58
S 10	4 1	9 36	5 7	8 25	2 2	16 42	4 0	20 43	0 54	13 28	1 24	17 1	1 57	19 25	0 16	22 12	1 12	13 25	9 30	14 46	15 8	5 28	14 57	0 58
M11	3 38	12 59	5 13	7 39	1 59	17 5	4 7	20 33	0 55	13 27	1 24	17 2	1 56	19 25	0 16	22 12	1 12	13 26	9 30	14 47	15 9	5 26	14 56	0 59
T 12	3 14	15 51	5 4	6 53	1 56	17 26	4 14	20 24	0 56	13 26	1 24	17 4	1 56	19 25	0 16	22 12	1 12	13 26	9 30	14 48	15 10	5 24	14 55	0 59
W13	2 50	18 3	4 41	6 5	1 52	17 48	4 21	20 14	0 57	13 25	1 24	17 5	1 56	19 24	0 16	22 12	1 12	13 26	9 29	14 49	15 11	5 22	14 54	1 0
T 14	2 27	19 22	4 3	5 17	1 48	18 9	4 28	20 5	0 58	13 24	1 24	17 6	1 56	19 24	0 16	22 12	1 12	13 27	9 29	14 49	15 12	5 20	14 53	1 0
F 15	2 3	19 40	3 11	4 27	1 43	18 29	4 35	19 55	0 58	13 22	1 25	17 8	1 56	19 24	0 16	22 12	1 12	13 27	9 29	14 48	15 13	5 18	14 52	1 1
S 16	1 39	18 48	2 6	3 36	1 37	18 49	4 42	19 44	0 59	13 21	1 25	17 9	1 55	19 24	0 16	22 12	1 12	13 27	9 29	14 48	15 14	5 16	14 51	1 1
S 17	1 16	16 44	0 51	2 44	1 31	19 8	4 49	19 34	1 0	13 20	1 25	17 11	1 55	19 24	0 16	22 12	1 12	13 27	9 28	14 47	15 15	5 14	14 50	1 1
M18	0 52	13 32	0s28	1 52	1 24	19 27	4 56	19 24	1 1	13 18	1 25	17 12	1 55	19 24	0 16	22 12	1 12	13 28	9 28	14 47	15 16	5 12	14 49	1 2
T 19	0 28	9 23	1 48	0 58	1 17	19 46	5 3	19 13	1 2	13 17	1 25	17 14	1 55	19 23	0 16	22 12	1 12	13 28	9 28	14 48	15 17	5 10	14 48	1 2
W20	0 4	4 34	3 1	0 4	1 10	20 3	5 10	19 2	1 2	13 15	1 25	17 15	1 54	19 23	0 16	22 12	1 12	13 28	9 28	14 49	15 18	5 8	14 47	1 3
T 21	0n19	0n33	4 1	0n51	1 1	20 20	5 16	18 51	1 3	13 14	1 25	17 17	1 54	19 23	0 16	22 12	1 12	13 28	9 28	14 51	15 19	5 6	14 46	1 3
F 22	0 43	5 35	4 43	1 47	0 53	20 37	5 23	18 39	1 4	13 12	1 26	17 18	1 54	19 23	0 16	22 12	1 12	13 29	9 27	14 53	15 20	5 4	14 45	1 4
S 23	1 7	10 11	5 6	2 43	0 43	20 53	5 30	18 28	1 5	13 11	1 26	17 20	1 54	19 23	0 16	22 12	1 12	13 29	9 27	14 55	15 21	5 2	14 43	1 4
S 24	1 30	14 3	5 8	3 39	0 34	21 8	5 36	18 16	1 5	13 9	1 26	17 21	1 54	19 22	0 16	22 12	1 12	13 29	9 27	14 57	15 22	5 0	14 42	1 5
M25	1 54	17 0	4 52	4 36	0 23	21 23	5 42	18 4	1 6	13 7	1 26	17 23	1 53	19 22	0 16	22 12	1 13	13 30	9 27	14 58	15 23	4 58	14 41	1 5
T 26	2 18	18 54	4 19	5 32	0 13	21 37	5 49	17 52	1 7	13 5	1 26	17 24	1 53	19 22	0 16	22 12	1 13	13 30	9 26	14 59	15 23	4 56	14 39	1 5
W27	2 41	19 44	3 35	6 28	0 2	21 50	5 55	17 40	1 8	13 3	1 26	17 26	1 53	19 22	0 16	22 12	1 13	13 30	9 26	14 59	15 24	4 54	14 38	1 6
T 28	3 5	19 31	2 40	7 24	0n 9	22 3	6 0	17 28	1 8	13 2	1 26	17 28	1 53	19 21	0 16	22 12	1 13	13 30	9 26	14 59	15 25	4 52	14 37	1 6
F 29	3 28	18 22	1 40	8 19	0 21	22 15	6 6	17 15	1 9	13 0	1 27	17 29	1 53	19 21	0 16	22 12	1 13	13 31	9 26	14 59	15 26	4 50	14 35	1 7
S 30	3 51	16 24	0 37	9 13	0 33	22 26	6 12	17 3	1 10	12 58	1 27	17 31	1 52	19 21	0 16	22 12	1 13	13 31	9 25	14 58	15 27	4 48	14 34	1 7
S 31	4n15	13n45	0n28	10n 6	0n45	22n36	6n17	16s50	1s11	12s56	1n27	17n32	1s52	19s20	0n16	22s12	1n13	13n31	9s25	14n58	15n28	4n46	14s33	1n 8

Julian Day Number = 2505660.5, Delta T = 120.41 sec
Ecliptic obliquity = 23°25'05, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°48'38, Lahiri = 25°55'39

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ASTRODIENST EPHEMERIS for the year 2148
geocentric

APRIL 2148 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 39 15	11♈42'57	6♍25	26♈ 7	16♉11	17♒49	8°R19	26♉37	27°R32	1♑57	18♊20	19°R26	17♌47	25♍20	12°R34	M 1
T 2	12 43 12	12°42'13	18°13	27°54	16°24	18°34	8♏13	26°43	27♏31	1°57	18°20	19♌22	17°44	25°26	12♏31	T 2
W 3	12 47 8	13°41'26	0♎ 2	29°38	16°35	19°19	8° 7	26°50	27°29	1°R57	18°21	19°16	17°41	25°33	12°27	W 3
T 4	12 51 5	14°40'37	11°55	1♉19	16°43	20° 4	8° 0	26°56	27°28	1°57	18°22	19° 7	17°38	25°40	12°24	T 4
F 5	12 55 1	15°39'46	23°52	2°55	16°50	20°49	7°54	27° 3	27°26	1°57	18°23	18°57	17°34	25°46	12°20	F 5
S 6	12 58 58	16°38'52	5♏57	4°26	16°54	21°34	7°47	27° 9	27°24	1°57	18°23	18°46	17°31	25°53	12°16	S 6
S 7	13 2 54	17°37'58	18° 8	5°53	16°R56	22°19	7°40	27°16	27°23	1°57	18°24	18°35	17°28	26° 0	12°12	S 7
M 8	13 6 51	18°37'01	0♐30	7°15	16°55	23° 4	7°33	27°22	27°21	1°57	18°25	18°25	17°25	26° 6	12° 8	M 8
T 9	13 10 48	19°36'02	13° 1	8°31	16°52	23°49	7°27	27°29	27°19	1°57	18°26	18°17	17°22	26°13	12° 4	T 9
W10	13 14 44	20°35'02	25°46	9°42	16°46	24°34	7°20	27°36	27°17	1°57	18°26	18°12	17°18	26°20	12° 0	W10
T 11	13 18 41	21°34'00	8♑46	10°47	16°38	25°19	7°12	27°42	27°15	1°56	18°27	18° 9	17°15	26°26	11°56	T 11
F 12	13 22 37	22°32'56	22° 4	11°46	16°28	26° 4	7° 5	27°49	27°13	1°56	18°28	18°D 8	17°12	26°33	11°52	F 12
S 13	13 26 34	23°31'50	5♒43	12°39	16°15	26°49	6°58	27°56	27°12	1°56	18°29	18° 9	17° 9	26°40	11°48	S 13
S 14	13 30 30	24°30'43	19°44	13°26	15°59	27°34	6°51	28° 3	27°10	1°55	18°30	18°R 9	17° 6	26°46	11°43	S 14
M15	13 34 27	25°29'34	4♓ 8	14° 6	15°42	28°19	6°43	28°10	27° 8	1°55	18°31	18° 8	17° 3	26°53	11°39	M15
T 16	13 38 23	26°28'23	18°52	14°40	15°22	29° 5	6°36	28°17	27° 6	1°55	18°31	18° 5	16°59	27° 0	11°35	T 16
W17	13 42 20	27°27'10	3♈51	15° 8	14°59	29°50	6°29	28°24	27° 4	1°54	18°32	17°59	16°56	27° 6	11°30	W17
T 18	13 46 17	28°25'56	18°57	15°30	14°35	0♓35	6°21	28°31	27° 1	1°54	18°33	17°51	16°53	27°13	11°26	T 18
F 19	13 50 13	29°24'39	4♉ 2	15°45	14° 8	1°20	6°13	28°38	26°59	1°53	18°34	17°41	16°50	27°20	11°22	F 19
S 20	13 54 10	0♉23'21	18°54	15°54	13°39	2° 5	6° 6	28°45	26°57	1°53	18°35	17°30	16°47	27°26	11°17	S 20
S 21	13 58 6	1°22'01	3♊25	15°R56	13° 9	2°50	5°58	28°53	26°55	1°52	18°36	17°20	16°44	27°33	11°13	S 21
M22	14 2 3	2°20'39	17°30	15°53	12°37	3°35	5°51	29° 0	26°53	1°51	18°37	17°11	16°40	27°40	11° 8	M22
T 23	14 5 59	3°19'14	1♋ 5	15°44	12° 3	4°20	5°43	29° 7	26°51	1°51	18°38	17° 5	16°37	27°46	11° 3	T 23
W24	14 9 56	4°17'47	14°12	15°30	11°29	5° 5	5°35	29°14	26°48	1°50	18°39	17° 2	16°34	27°53	10°59	W24
T 25	14 13 52	5°16'19	26°54	15°11	10°53	5°50	5°28	29°22	26°46	1°49	18°40	17° 0	16°31	28° 0	10°54	T 25
F 26	14 17 49	6°14'48	9♌14	14°47	10°16	6°35	5°20	29°29	26°44	1°49	18°41	17°D 0	16°28	28° 6	10°50	F 26
S 27	14 21 46	7°13'15	21°18	14°19	9°39	7°20	5°12	29°36	26°42	1°48	18°42	17°R 0	16°24	28°13	10°45	S 27
S 28	14 25 42	8°11'39	3♍12	13°47	9° 1	8° 5	5° 5	29°44	26°39	1°47	18°44	16°59	16°21	28°20	10°40	S 28
M29	14 29 39	9°10'02	15° 1	13°13	8°23	8°50	4°57	29°51	26°37	1°46	18°45	16°56	16°18	28°27	10°36	M29
T 30	14 33 35	10♉ 8'22	26♍49	12♉36	7♉45	9♓35	4♏49	29♉59	26♏34	1♑46	18♊46	16♌51	16♌15	28♍33	10♏31	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n38	10n33	1n30	10n57	0n57	22n45	6n22	16s37	1s12	12s54	1n27	17n34	1s52	19s20	0n16	22s11	1n13	13n31	9s25	14n59	15n29	4n44	14s31	1n 8
T 2	5 1	6 56	2 28	11 47	1 8	22 54	6 27	16 24	1 12	12 52	1 27	17 36	1 52	19 20	0 16	22 11	1 13	13 32	9 25	15 0	15 30	4 42	14 30	1 8
W 3	5 24	3 3	3 20	12 35	1 20	23 1	6 31	16 10	1 13	12 50	1 27	17 37	1 52	19 19	0 16	22 11	1 13	13 32	9 24	15 2	15 31	4 40	14 28	1 9
T 4	5 47	0s58	4 3	13 21	1 32	23 8	6 36	15 57	1 14	12 47	1 27	17 39	1 51	19 19	0 16	22 11	1 13	13 32	9 24	15 5	15 32	4 38	14 27	1 9
F 5	6 10	4 58	4 36	14 5	1 43	23 13	6 39	15 43	1 15	12 45	1 27	17 41	1 51	19 19	0 16	22 11	1 13	13 33	9 24	15 8	15 33	4 36	14 25	1 10
S 6	6 32	8 49	4 57	14 46	1 54	23 18	6 43	15 29	1 15	12 43	1 27	17 42	1 51	19 18	0 16	22 11	1 13	13 33	9 24	15 11	15 34	4 34	14 23	1 10
S 7	6 55	12 21	5 4	15 25	2 4	23 21	6 46	15 15	1 16	12 41	1 27	17 44	1 51	19 18	0 16	22 11	1 13	13 33	9 24	15 15	15 35	4 32	14 22	1 11
M 8	7 17	15 23	4 58	16 1	2 13	23 24	6 49	15 1	1 17	12 39	1 27	17 45	1 51	19 17	0 16	22 11	1 13	13 33	9 23	15 18	15 36	4 30	14 20	1 11
T 9	7 40	17 46	4 37	16 35	2 22	23 25	6 51	14 47	1 17	12 36	1 27	17 47	1 51	19 17	0 16	22 11	1 13	13 34	9 23	15 20	15 37	4 28	14 19	1 11
W10	8 2	19 19	4 2	17 5	2 31	23 25	6 53	14 33	1 18	12 34	1 27	17 49	1 50	19 17	0 16	22 11	1 13	13 34	9 23	15 22	15 38	4 26	14 17	1 12
T 11	8 24	19 54	3 14	17 33	2 38	23 24	6 54	14 19	1 19	12 32	1 28	17 50	1 50	19 16	0 16	22 11	1 13	13 34	9 23	15 23	15 39	4 24	14 15	1 12
F 12	8 46	19 24	2 14	17 57	2 44	23 21	6 55	14 4	1 20	12 29	1 28	17 52	1 50	19 16	0 16	22 11	1 13	13 35	9 22	15 23	15 40	4 22	14 14	1 13
S 13	9 8	17 46	1 6	18 19	2 50	23 18	6 55	13 49	1 20	12 27	1 28	17 54	1 50	19 15	0 16	22 11	1 13	13 35	9 22	15 23	15 41	4 20	14 12	1 13
S 14	9 29	15 1	0s 8	18 37	2 54	23 13	6 54	13 34	1 21	12 24	1 28	17 56	1 50	19 15	0 16	22 11	1 13	13 35	9 22	15 23	15 42	4 18	14 10	1 13
M15	9 51	11 18	1 24	18 53	2 58	23 6	6 53	13 20	1 22	12 22	1 28	17 57	1 50	19 14	0 16	22 11	1 13	13 35	9 22	15 23	15 43	4 16	14 9	1 14
T 16	10 12	6 47	2 36	19 5	3 0	22 59	6 52	13 5	1 23	12 20	1 28	17 59	1 49	19 14	0 16	22 11	1 13	13 36	9 22	15 24	15 44	4 14	14 7	1 14
W17	10 33	1 48	3 38	19 14	3 1	22 50	6 49	12 49	1 23	12 17	1 28	18 1	1 49	19 13	0 16	22 11	1 13	13 36	9 21	15 26	15 45	4 12	14 5	1 15
T 18	10 54	3n20	4 25	19 21	3 0	22 39	6 46	12 34	1 24	12 15	1 28	18 2	1 49	19 13	0 16	22 11	1 13	13 36	9 21	15 28	15 46	4 10	14 4	1 15
F 19	11 15	8 14	4 54	19 23	2 59	22 27	6 42	12 19	1 25	12 12	1 28	18 4	1 49	19 13	0 16	22 11	1 13	13 36	9 21	15 31	15 47	4 8	14 2	1 15
S 20	11 36	12 35	5 2	19 23	2 56	22 14	6 37	12 3	1 25	12 10	1 28	18 6	1 49	19 12	0 16	22 11	1 13	13 37	9 21	15 35	15 48	4 6	14 0	1 16
S 21	11 56	16 4	4 50	19 20	2 52	22 0	6 32	11 48	1 26	12 7	1 28	18 7	1 49	19 12	0 16	22 11	1 13	13 37	9 21	15 38	15 49	4 4	13 58	1 16
M22	12 17	18 30	4 21	19 13	2 46	21 44	6 26	11 32	1 27	12 5	1 28	18 9	1 49	19 11	0 16	22 11	1 13	13 37	9 21	15 40	15 50	4 2	13 57	1 17
T 23	12 37	19 47	3 38	19 4	2 39	21 27	6 19	11 16	1 27	12 2	1 28	18 11	1 48	19 11	0 16	22 11	1 13	13 38	9 20	15 42	15 50	4 0	13 55	1 17
W24	12 56	19 56	2 45	18 52	2 30	21 8	6 11	11 0	1 28	12 0	1 28	18 12	1 48	19 10	0 16	22 11	1 13	13 38	9 20	15 43	15 51	3 58	13 53	1 17
T 25	13 16	19 3	1 45	18 37	2 20	20 49	6 3	10 44	1 29	11 57	1 28	18 14	1 48	19 9	0 16	22 11	1 13	13 38	9 20	15 44	15 52	3 56	13 51	1 18
F 26	13 35	17 16	0 41	18 19	2 9	20 28	5 54	10 28	1 30	11 55	1 27	18 16	1 48	19 9	0 16	22 11	1 14	13 38	9 20	15 44	15 53	3 54	13 49	1 18
S 27	13 55	14 45	0n23	17 59	1 57	20 7	5 44	10 12	1 30	11 52	1 27	18 17	1 48	19 8	0 16	22 11	1 14	13 39	9 20	15 44	15 54	3 52	13 48	1 18
S 28	14 14	11 38	1 25	17 36	1 43	19 45	5 33	9 56	1 31	11 50	1 27	18 19	1 48	19 8	0 16	22 11	1 14	13 39	9 19	15 44	15 55	3 50	13 46	1 19
M29	14 32	8 5	2 23	17 12	1 29	19 22	5 22	9 40	1 31	11 47	1 27	18 21	1 48	19 7	0 16	22 11	1 14	13 39	9 19	15 45	15 56	3 47	13 44	1 19
T 30	14n51	4n14	3n14	16n46	1n13	18n58	5n11	9s23	1s32	11s45	1n27	18n23	1s48	19s 7	0n16	22s11	1n14	13n39	9s19	15n46	15n57	3n45	13s42	1n20

Julian Day Number = 2505691.5, Delta T = 120.47 sec
Ecliptic obliquity = 23°25'06, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°48'42, Lahiri = 25°55'43

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ASTRODIENST EPHEMERIS for the year 2148
geocentric

MAY 2148 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 37 32	11♉ 6'41	8♎41	11°R58	7°R 8	10♓20	4°R42	0♊ 6	26°R32	1°R45	18♊47	16°R43	16♌12	28♍40	10°R27	W 1
T 2	14 41 28	12° 4'58	20°38	11♉19	6♉31	11° 5	4♏34	0°14	26♏30	1♑44	18°48	16♌32	16° 9	28°47	10♏22	T 2
F 3	14 45 25	13° 3'12	2♏44	10°39	5°55	11°50	4°27	0°21	26°27	1°43	18°49	16°20	16° 5	28°53	10°17	F 3
S 4	14 49 21	14° 1'25	14°59	10° 1	5°20	12°35	4°19	0°29	26°25	1°42	18°50	16° 6	16° 2	29° 0	10°13	S 4
S 5	14 53 18	14°59'37	27°25	9°23	4°47	13°20	4°12	0°36	26°22	1°41	18°52	15°52	15°59	29° 7	10° 8	S 5
M 6	14 57 14	15°57'46	10♐ 1	8°48	4°15	14° 5	4° 4	0°44	26°20	1°40	18°53	15°40	15°56	29°13	10° 4	M 6
T 7	15 1 11	16°55'54	22°49	8°14	3°45	14°50	3°57	0°52	26°18	1°39	18°54	15°30	15°53	29°20	9°59	T 7
W 8	15 5 8	17°54'01	5♑47	7°44	3°16	15°35	3°50	0°59	26°15	1°38	18°55	15°23	15°49	29°27	9°54	W 8
T 9	15 9 4	18°52'06	18°58	7°17	2°50	16°20	3°42	1° 7	26°13	1°37	18°56	15°19	15°46	29°33	9°50	T 9
F 10	15 13 1	19°50'10	2♒21	6°54	2°26	17° 5	3°35	1°15	26°10	1°36	18°58	15°18	15°43	29°40	9°45	F 10
S 11	15 16 57	20°48'12	16° 0	6°35	2° 3	17°50	3°28	1°22	26° 8	1°35	18°59	15°17	15°40	29°47	9°41	S 11
S 12	15 20 54	21°46'13	29°54	6°21	1°44	18°35	3°21	1°30	26° 5	1°34	19° 0	15°17	15°37	29°53	9°36	S 12
M13	15 24 50	22°44'13	14♓ 5	6°10	1°26	19°20	3°14	1°38	26° 3	1°33	19° 1	15°16	15°34	0♎ 0	9°32	M13
T 14	15 28 47	23°42'11	28°30	6° 5	1°11	20° 5	3° 7	1°45	26° 0	1°31	19° 3	15°13	15°30	0° 7	9°28	T 14
W15	15 32 43	24°40'08	13♈ 9	6°D 4	0°58	20°49	3° 1	1°53	25°58	1°30	19° 4	15° 7	15°27	0°13	9°23	W15
T 16	15 36 40	25°38'04	27°54	6° 7	0°48	21°34	2°54	2° 1	25°55	1°29	19° 5	14°58	15°24	0°20	9°19	T 16
F 17	15 40 37	26°35'59	12♉38	6°15	0°40	22°19	2°48	2° 9	25°52	1°28	19° 6	14°48	15°21	0°27	9°15	F 17
S 18	15 44 33	27°33'52	27°15	6°28	0°35	23° 4	2°41	2°16	25°50	1°26	19° 8	14°37	15°18	0°33	9°10	S 18
S 19	15 48 30	28°31'44	11♊35	6°45	0°32	23°49	2°35	2°24	25°47	1°25	19° 9	14°26	15°15	0°40	9° 6	S 19
M20	15 52 26	29°29'34	25°34	7° 7	0°D31	24°33	2°29	2°32	25°45	1°24	19°10	14°17	15°11	0°47	9° 2	M20
T 21	15 56 23	0♊27'23	9♋ 8	7°33	0°33	25°18	2°23	2°40	25°42	1°23	19°12	14°10	15° 8	0°54	8°58	T 21
W22	16 0 19	1°25'10	22°15	8° 3	0°37	26° 3	2°17	2°48	25°40	1°21	19°13	14° 6	15° 5	1° 0	8°54	W22
T 23	16 4 16	2°22'55	4♌58	8°37	0°43	26°47	2°11	2°55	25°37	1°20	19°14	14° 4	15° 2	1° 7	8°50	T 23
F 24	16 8 12	3°20'39	17°21	9°15	0°51	27°32	2° 5	3° 3	25°35	1°19	19°16	14°D 4	14°59	1°14	8°46	F 24
S 25	16 12 9	4°18'21	29°28	9°57	1° 2	28°16	1°59	3°11	25°32	1°17	19°17	14°R 4	14°55	1°20	8°42	S 25
S 26	16 16 6	5°16'02	11♍24	10°43	1°14	29° 1	1°54	3°19	25°30	1°16	19°18	14° 4	14°52	1°27	8°38	S 26
M27	16 20 2	6°13'41	23°14	11°32	1°29	29°45	1°49	3°26	25°28	1°14	19°20	14° 3	14°49	1°34	8°35	M27
T 28	16 23 59	7°11'19	5♎ 5	12°25	1°46	0♈30	1°44	3°34	25°25	1°13	19°21	13°59	14°46	1°40	8°31	T 28
W29	16 27 55	8° 8'55	16°59	13°21	2° 4	1°14	1°39	3°42	25°23	1°11	19°22	13°53	14°43	1°47	8°27	W29
T 30	16 31 52	9° 6'30	29° 2	14°20	2°24	1°58	1°34	3°50	25°20	1°10	19°24	13°45	14°40	1°54	8°24	T 30
F 31	16 35 48	10♊ 4'03	11♏16	15♉23	2♉46	2♈43	1♏29	3♊57	25♏18	1♑ 9	19♊25	13♌35	14♌36	2♎ 0	8♏20	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n 9	0n12	3n57	16n19	0n57	18n34	4n58	9s 7	1s33	11s42	1n27	18n24	1s47	19s 6	0n16	22s11	1n14	13n40	9s19	15n49	15n58	3n43	13s41	1n20
T 2	15 27	3s52	4 30	15 51	0 41	18 10	4 46	8 50	1 33	11 40	1 27	18 26	1 47	19 6	0 16	22 11	1 14	13 40	9 19	15 52	15 59	3 41	13 39	1 20
F 3	15 45	7 50	4 52	15 23	0 24	17 46	4 32	8 34	1 34	11 38	1 27	18 28	1 47	19 5	0 16	22 11	1 14	13 40	9 19	15 56	16 0	3 39	13 37	1 21
S 4	16 2	11 32	5 0	14 54	0 6	17 21	4 19	8 17	1 35	11 35	1 27	18 29	1 47	19 5	0 16	22 11	1 14	13 40	9 18	16 0	16 1	3 37	13 35	1 21
S 5	16 19	14 48	4 54	14 26	0s11	16 57	4 5	8 1	1 35	11 33	1 27	18 31	1 47	19 4	0 16	22 11	1 14	13 41	9 18	16 4	16 2	3 35	13 33	1 21
M 6	16 36	17 25	4 34	13 58	0 28	16 33	3 51	7 44	1 36	11 30	1 27	18 33	1 47	19 3	0 16	22 11	1 14	13 41	9 18	16 7	16 3	3 33	13 32	1 22
T 7	16 53	19 14	3 59	13 32	0 45	16 9	3 37	7 27	1 37	11 28	1 27	18 34	1 47	19 3	0 16	22 11	1 14	13 41	9 18	16 10	16 4	3 31	13 30	1 22
W 8	17 9	20 5	3 12	13 6	1 2	15 46	3 22	7 10	1 37	11 26	1 26	18 36	1 47	19 2	0 16	22 11	1 14	13 41	9 18	16 12	16 5	3 29	13 28	1 22
T 9	17 25	19 52	2 14	12 42	1 18	15 23	3 8	6 53	1 38	11 23	1 26	18 37	1 47	19 2	0 16	22 11	1 14	13 42	9 18	16 14	16 6	3 27	13 26	1 23
F 10	17 41	18 31	1 8	12 20	1 33	15 1	2 53	6 36	1 38	11 21	1 26	18 39	1 47	19 1	0 16	22 11	1 14	13 42	9 18	16 14	16 7	3 25	13 25	1 23
S 11	17 56	16 5	0s 4	12 0	1 48	14 40	2 39	6 19	1 39	11 19	1 26	18 41	1 46	19 1	0 16	22 11	1 14	13 42	9 17	16 14	16 8	3 23	13 23	1 23
S 12	18 12	12 41	1 17	11 43	2 2	14 19	2 24	6 2	1 39	11 17	1 26	18 42	1 46	19 0	0 16	22 11	1 14	13 42	9 17	16 14	16 8	3 21	13 21	1 24
M13	18 26	8 30	2 26	11 27	2 14	14 0	2 10	5 45	1 40	11 14	1 26	18 44	1 46	18 59	0 16	22 11	1 14	13 43	9 17	16 15	16 9	3 19	13 20	1 24
T 14	18 41	3 46	3 27	11 14	2 26	13 41	1 56	5 28	1 41	11 12	1 26	18 46	1 46	18 59	0 16	22 11	1 14	13 43	9 17	16 16	16 10	3 17	13 18	1 24
W15	18 55	1n15	4 16	11 3	2 37	13 24	1 42	5 11	1 41	11 10	1 25	18 47	1 46	18 58	0 16	22 11	1 14	13 43	9 17	16 17	16 11	3 14	13 16	1 25
T 16	19 9	6 14	4 48	10 55	2 47	13 8	1 29	4 54	1 42	11 8	1 25	18 49	1 46	18 58	0 16	22 11	1 14	13 43	9 17	16 20	16 12	3 12	13 15	1 25
F 17	19 23	10 50	5 1	10 49	2 56	12 52	1 15	4 37	1 42	11 6	1 25	18 50	1 46	18 57	0 16	22 11	1 14	13 43	9 17	16 23	16 13	3 10	13 13	1 25
S 18	19 36	14 45	4 54	10 46	3 4	12 38	1 2	4 19	1 43	11 4	1 25	18 52	1 46	18 57	0 16	22 11	1 14	13 44	9 17	16 26	16 14	3 8	13 11	1 25
S 19	19 49	17 43	4 28	10 45	3 11	12 25	0 49	4 2	1 43	11 2	1 25	18 54	1 46	18 56	0 16	22 11	1 14	13 44	9 16	16 29	16 15	3 6	13 10	1 26
M20	20 1	19 34	3 47	10 46	3 17	12 13	0 37	3 45	1 44	11 0	1 25	18 55	1 46	18 55	0 16	22 11	1 14	13 44	9 16	16 32	16 16	3 4	13 8	1 26
T 21	20 14	20 13	2 54	10 50	3 22	12 3	0 25	3 28	1 44	10 58	1 24	18 57	1 46	18 55	0 16	22 11	1 14	13 44	9 16	16 34	16 17	3 2	13 7	1 26
W22	20 26	19 43	1 53	10 55	3 26	11 53	0 13	3 10	1 45	10 56	1 24	18 58	1 46	18 54	0 16	22 11	1 14	13 44	9 16	16 35	16 18	3 0	13 5	1 27
T 23	20 37	18 14	0 48	11 3	3 30	11 44	0 2	2 53	1 45	10 54	1 24	19 0	1 46	18 54	0 16	22 11	1 14	13 45	9 16	16 36	16 19	2 58	13 4	1 27
F 24	20 48	15 54	0n17	11 13	3 32	11 37	0s 9	2 36	1 46	10 52	1 24	19 1	1 46	18 53	0 16	22 11	1 14	13 45	9 16	16 36	16 20	2 56	13 2	1 27
S 25	20 59	12 55	1 21	11 24	3 33	11 31	0 20	2 19	1 46	10 51	1 24	19 3	1 45	18 52	0 16	22 11	1 14	13 45	9 16	16 35	16 21	2 54	13 1	1 27
S 26	21 10	9 27	2 20	11 38	3 34	11 25	0 30	2 1	1 47	10 49	1 23	19 4	1 45	18 52	0 16	22 11	1 14	13 45	9 16	16 36	16 22	2 51	12 59	1 28
M27	21 20	5 38	3 13	11 53	3 34	11 21	0 40	1 44	1 47	10 47	1 23	19 6	1 45	18 51	0 16	22 11	1 14	13 45	9 16	16 36	16 22	2 49	12 58	1 28
T 28	21 29	1 36	3 57	12 10	3 33	11 18	0 50	1 27	1 48	10 46	1 23	19 7	1 45	18 51	0 16	22 11	1 14	13 46	9 16	16 37	16 23	2 47	12 56	1 28
W29	21 39	2s30	4 31	12 28	3 31	11 15	0 59	1 10	1 48	10 44	1 23	19 9	1 45	18 50	0 16	22 11	1 14	13 46	9 15	16 39	16 24	2 45	12 55	1 28
T 30	21 48	6 32	4 53	12 48	3 29	11 14	1 8	0 52	1 48	10 43	1 23	19 10	1 45	18 50	0 16	22 11	1 14	13 46	9 15	16 41	16 25	2 43	12 53	1 29
F 31	21n56	10s23	5n 3	13n 9	3s26	11n14	1s16	0s35	1s49	10s41	1n22	19n12	1s45	18s49	0n16	22s11	1n14	13n46	9s15	16n44	16n26	2n41	12s52	1n29

Julian Day Number = 2505721.5, Delta T = 120.52 sec
Ecliptic obliquity = 23°25'05, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°48'47, Lahiri = 25°55'47

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ASTRODIENST EPHEMERIS for the year 2148
geocentric

JUNE 2148 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 39 45	11♊ 1'36	23♏42	16♉29	3♉10	3♈27	1°R24	4♊ 5	25°R15	1°R 7	19♊27	13°R24	14♌33	2♎ 7	8°R17	S 1
S 2	16 43 41	11°59'07	6♐23	17°38	3°35	4°11	1♏20	4°13	25♏13	1♑ 6	19°28	13♌13	14°30	2°14	8♏14	S 2
M 3	16 47 38	12°56'37	19°17	18°49	4° 2	4°55	1°16	4°21	25°11	1° 4	19°29	13° 3	14°27	2°20	8°11	M 3
T 4	16 51 35	13°54'06	2♑25	20° 4	4°31	5°39	1°12	4°28	25° 8	1° 2	19°31	12°56	14°24	2°27	8° 7	T 4
W 5	16 55 31	14°51'34	15°44	21°22	5° 1	6°24	1° 8	4°36	25° 6	1° 1	19°32	12°50	14°21	2°34	8° 4	W 5
T 6	16 59 28	15°49'02	29°14	22°42	5°33	7° 8	1° 4	4°44	25° 4	0°59	19°33	12°47	14°17	2°41	8° 1	T 6
F 7	17 3 24	16°46'28	12♒55	24° 6	6° 5	7°52	1° 0	4°51	25° 1	0°58	19°35	12°D46	14°14	2°47	7°59	F 7
S 8	17 7 21	17°43'54	26°44	25°32	6°40	8°36	0°57	4°59	24°59	0°56	19°36	12°47	14°11	2°54	7°56	S 8
S 9	17 11 17	18°41'19	10♓43	27° 1	7°15	9°19	0°54	5° 7	24°57	0°55	19°38	12°48	14° 8	3° 1	7°53	S 9
M10	17 15 14	19°38'44	24°50	28°32	7°52	10° 3	0°51	5°14	24°55	0°53	19°39	12°R48	14° 5	3° 7	7°50	M10
T 11	17 19 10	20°36'08	9♈ 5	0♊ 6	8°30	10°47	0°48	5°22	24°53	0°52	19°40	12°46	14° 1	3°14	7°48	T 11
W12	17 23 7	21°33'31	23°24	1°43	9° 9	11°31	0°45	5°30	24°50	0°50	19°42	12°43	13°58	3°21	7°45	W12
T 13	17 27 4	22°30'54	7♉45	3°23	9°49	12°15	0°42	5°37	24°48	0°48	19°43	12°38	13°55	3°27	7°43	T 13
F 14	17 31 0	23°28'17	22° 4	5° 6	10°30	12°58	0°40	5°45	24°46	0°47	19°45	12°31	13°52	3°34	7°41	F 14
S 15	17 34 57	24°25'39	6♊14	6°51	11°12	13°42	0°38	5°52	24°44	0°45	19°46	12°23	13°49	3°41	7°38	S 15
S 16	17 38 53	25°23'00	20°12	8°38	11°55	14°25	0°36	6° 0	24°42	0°44	19°47	12°16	13°46	3°47	7°36	S 16
M17	17 42 50	26°20'21	3♋53	10°29	12°39	15° 9	0°34	6° 7	24°40	0°42	19°49	12° 9	13°42	3°54	7°34	M17
T 18	17 46 46	27°17'41	17°14	12°21	13°24	15°52	0°32	6°15	24°38	0°40	19°50	12° 5	13°39	4° 1	7°33	T 18
W19	17 50 43	28°15'01	0♌14	14°17	14°10	16°35	0°30	6°22	24°36	0°39	19°52	12° 2	13°36	4° 8	7°31	W19
T 20	17 54 40	29°12'20	12°53	16°14	14°56	17°19	0°29	6°30	24°34	0°37	19°53	12°D 2	13°33	4°14	7°29	T 20
F 21	17 58 36	0♋ 9'37	25°15	18°14	15°43	18° 2	0°28	6°37	24°32	0°36	19°54	12° 2	13°30	4°21	7°27	F 21
S 22	18 2 33	1° 6'55	7♍22	20°16	16°31	18°45	0°27	6°44	24°30	0°34	19°56	12° 4	13°27	4°28	7°26	S 22
S 23	18 6 29	2° 4'11	19°20	22°20	17°20	19°28	0°26	6°52	24°28	0°32	19°57	12° 5	13°23	4°34	7°25	S 23
M24	18 10 26	3° 1'27	1♎12	24°26	18°10	20°11	0°26	6°59	24°27	0°31	19°58	12°R 6	13°20	4°41	7°23	M24
T 25	18 14 22	3°58'42	13° 4	26°33	19° 0	20°53	0°25	7° 6	24°25	0°29	20° 0	12° 5	13°17	4°48	7°22	T 25
W26	18 18 19	4°55'56	25° 0	28°42	19°51	21°36	0°25	7°13	24°23	0°27	20° 1	12° 3	13°14	4°54	7°21	W26
T 27	18 22 15	5°53'10	7♏ 6	0♋51	20°42	22°19	0°D25	7°21	24°22	0°26	20° 2	12° 0	13°11	5° 1	7°20	T 27
F 28	18 26 12	6°50'23	19°24	3° 2	21°34	23° 1	0°25	7°28	24°20	0°24	20° 4	11°55	13° 7	5° 8	7°19	F 28
S 29	18 30 9	7°47'36	1♐59	5°13	22°27	23°44	0°25	7°35	24°18	0°23	20° 5	11°50	13° 4	5°14	7°18	S 29
S 30	18 34 5	8♋44'48	14♐51	7♋24	23♉20	24♈26	0♏26	7♊42	24♏17	0♑21	20♊ 6	11♌44	13♌ 1	5♎21	7♏18	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 5	13s52	4n58	13n31	3s22	11n14	1s25	0s18	1s49	10s40	1n22	19n13	1s45	18s48	0n16	22s11	1n14	13n46	9s15	16n47	16n27	2n39	12s51	1n29
S 2	22 12	16 46	4 39	13 55	3 17	11 15	1 32	0 1	1 50	10 39	1 22	19 15	1 45	18 48	0 16	22 11	1 14	13 46	9 15	16 50	16 28	2 37	12 50	1 29
M 3	22 20	18 54	4 6	14 19	3 12	11 17	1 40	0n16	1 50	10 38	1 22	19 16	1 45	18 47	0 16	22 11	1 14	13 47	9 15	16 53	16 29	2 35	12 48	1 30
T 4	22 27	20 6	3 18	14 45	3 7	11 20	1 47	0 33	1 50	10 36	1 21	19 18	1 45	18 47	0 16	22 11	1 14	13 47	9 15	16 55	16 30	2 33	12 47	1 30
W 5	22 34	20 11	2 19	15 11	3 0	11 24	1 54	0 50	1 51	10 35	1 21	19 19	1 45	18 46	0 16	22 11	1 14	13 47	9 15	16 57	16 31	2 30	12 46	1 30
T 6	22 40	19 7	1 12	15 38	2 53	11 28	2 0	1 8	1 51	10 34	1 21	19 21	1 45	18 46	0 16	22 11	1 14	13 47	9 15	16 57	16 32	2 28	12 45	1 30
F 7	22 46	16 56	0s 1	16 6	2 46	11 33	2 7	1 25	1 51	10 33	1 21	19 22	1 45	18 45	0 16	22 11	1 14	13 47	9 15	16 58	16 33	2 26	12 44	1 31
S 8	22 51	13 45	1 14	16 34	2 38	11 38	2 13	1 42	1 52	10 32	1 20	19 23	1 45	18 45	0 16	22 11	1 14	13 47	9 15	16 58	16 34	2 24	12 42	1 31
S 9	22 56	9 46	2 24	17 2	2 30	11 44	2 18	1 58	1 52	10 31	1 20	19 25	1 45	18 44	0 16	22 11	1 14	13 48	9 15	16 57	16 34	2 22	12 41	1 31
M10	23 1	5 12	3 26	17 31	2 21	11 51	2 24	2 15	1 52	10 30	1 20	19 26	1 45	18 44	0 15	22 11	1 14	13 48	9 15	16 57	16 35	2 20	12 40	1 31
T 11	23 5	0 20	4 16	18 1	2 12	11 59	2 29	2 32	1 53	10 30	1 20	19 27	1 45	18 43	0 15	22 11	1 14	13 48	9 15	16 58	16 36	2 18	12 39	1 32
W12	23 9	4n35	4 50	18 30	2 2	12 6	2 33	2 49	1 53	10 29	1 19	19 29	1 45	18 43	0 15	22 11	1 14	13 48	9 15	16 59	16 37	2 16	12 38	1 32
T 13	23 12	9 15	5 6	18 59	1 52	12 15	2 38	3 6	1 53	10 28	1 19	19 30	1 45	18 42	0 15	22 11	1 14	13 48	9 15	17 0	16 38	2 13	12 37	1 32
F 14	23 15	13 23	5 3	19 28	1 42	12 23	2 42	3 22	1 54	10 28	1 19	19 31	1 45	18 42	0 15	22 11	1 14	13 48	9 15	17 2	16 39	2 11	12 36	1 32
S 15	23 18	16 43	4 41	19 56	1 31	12 33	2 46	3 39	1 54	10 27	1 19	19 33	1 45	18 41	0 15	22 11	1 14	13 48	9 15	17 4	16 40	2 9	12 35	1 32
S 16	23 20	19 1	4 3	20 24	1 20	12 42	2 50	3 56	1 54	10 27	1 18	19 34	1 45	18 41	0 15	22 11	1 14	13 49	9 15	17 6	16 41	2 7	12 35	1 33
M17	23 22	20 11	3 11	20 51	1 9	12 52	2 53	4 12	1 54	10 26	1 18	19 35	1 45	18 40	0 15	22 11	1 14	13 49	9 15	17 8	16 42	2 5	12 34	1 33
T 18	23 23	20 10	2 10	21 18	0 58	13 2	2 57	4 29	1 54	10 26	1 18	19 37	1 45	18 40	0 15	22 11	1 14	13 49	9 14	17 9	16 43	2 3	12 33	1 33
W19	23 24	19 3	1 4	21 43	0 47	13 13	3 0	4 45	1 55	10 26	1 18	19 38	1 45	18 39	0 15	22 11	1 14	13 49	9 14	17 10	16 44	2 1	12 32	1 33
T 20	23 25	17 0	0n 5	22 7	0 35	13 24	3 2	5 1	1 55	10 25	1 17	19 39	1 45	18 39	0 15	22 11	1 14	13 49	9 14	17 10	16 45	1 59	12 31	1 33
F 21	23 25	14 13	1 11	22 30	0 24	13 35	3 5	5 17	1 55	10 25	1 17	19 40	1 45	18 38	0 15	22 11	1 14	13 49	9 14	17 10	16 45	1 56	12 31	1 33
S 22	23 25	10 51	2 13	22 51	0 13	13 46	3 7	5 34	1 55	10 25	1 17	19 41	1 45	18 38	0 15	22 11	1 14	13 49	9 14	17 10	16 46	1 54	12 30	1 34
S 23	23 24	7 7	3 9	23 10	0 1	13 58	3 9	5 50	1 55	10 25	1 17	19 43	1 45	18 38	0 15	22 11	1 14	13 49	9 14	17 9	16 47	1 52	12 30	1 34
M24	23 23	3 8	3 56	23 27	0n 9	14 10	3 11	6 6	1 56	10 25	1 16	19 44	1 45	18 37	0 15	22 11	1 14	13 49	9 14	17 9	16 48	1 50	12 29	1 34
T 25	23 21	0s58	4 32	23 42	0 20	14 21	3 13	6 22	1 56	10 25	1 16	19 45	1 45	18 37	0 15	22 11	1 14	13 50	9 14	17 9	16 49	1 48	12 28	1 34
W26	23 20	5 3	4 58	23 55	0 30	14 34	3 15	6 37	1 56	10 25	1 16	19 46	1 45	18 36	0 15	22 11	1 14	13 50	9 14	17 10	16 50	1 46	12 28	1 34
T 27	23 17	8 59	5 10	24 5	0 40	14 46	3 16	6 53	1 56	10 26	1 15	19 47	1 45	18 36	0 15	22 11	1 14	13 50	9 14	17 11	16 51	1 44	12 27	1 35
F 28	23 14	12 37	5 9	24 13	0 50	14 58	3 17	7 9	1 56	10 26	1 15	19 48	1 45	18 36	0 15	22 11	1 14	13 50	9 14	17 12	16 52	1 41	12 27	1 35
S 29	23 11	15 46	4 52	24 17	0 59	15 10	3 18	7 24	1 56	10 26	1 15	19 50	1 45	18 35	0 15	22 11	1 14	13 50	9 14	17 14	16 53	1 39	12 27	1 35
S 30	23n 8	18s14	4n21	24n19	1n 7	15n23	3s19	7n40	1s56	10s27	1n15	19n51	1s45	18s35	0n15	22s11	1n14	13n50	9s15	17n15	16n54	1n37	12s26	1n35

Julian Day Number = 2505752.5, Delta T = 120.58 sec
Ecliptic obliquity = 23°25'05, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°48'51, Lahiri = 25°55'51

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ASTRODIENST EPHEMERIS for the year 2148
geocentric

JULY 2148 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 38 2	9♋42'00	28♐ 1	9♋35	24♉14	25♈ 9	0♏26	7♊49	24°R15	0°R19	20♊ 8	11°R39	12♌58	5♎28	7°R17	M 1
T 2	18 41 58	10°39'12	11♑29	11°46	25° 8	25°51	0°27	7°56	24♏14	0♑18	20° 9	11♌36	12°55	5°35	7♏17	T 2
W 3	18 45 55	11°36'24	25°12	13°56	26° 3	26°33	0°28	8° 3	24°12	0°16	20°10	11°33	12°52	5°41	7°17	W 3
T 4	18 49 51	12°33'35	9♒ 7	16° 5	26°58	27°15	0°29	8°10	24°11	0°15	20°12	11°D32	12°48	5°48	7°16	T 4
F 5	18 53 48	13°30'47	23°12	18°14	27°54	27°57	0°31	8°17	24°10	0°13	20°13	11°33	12°45	5°55	7°16	F 5
S 6	18 57 44	14°27'59	7♓24	20°21	28°50	28°39	0°32	8°23	24° 8	0°12	20°14	11°34	12°42	6° 1	7°D16	S 6
S 7	19 1 41	15°25'11	21°38	22°27	29°47	29°21	0°34	8°30	24° 7	0°10	20°16	11°35	12°39	6° 8	7°16	S 7
M 8	19 5 38	16°22'23	5♈53	24°31	0♊44	0♉ 2	0°36	8°37	24° 6	0° 8	20°17	11°36	12°36	6°15	7°16	M 8
T 9	19 9 34	17°19'35	20° 6	26°34	1°42	0°44	0°38	8°44	24° 5	0° 7	20°18	11°R37	12°33	6°21	7°17	T 9
W10	19 13 31	18°16'48	4♉15	28°35	2°40	1°26	0°40	8°50	24° 3	0° 5	20°19	11°36	12°29	6°28	7°17	W10
T 11	19 17 27	19°14'01	18°18	0♌34	3°38	2° 7	0°42	8°57	24° 2	0° 4	20°21	11°34	12°26	6°35	7°18	T 11
F 12	19 21 24	20°11'15	2♊12	2°32	4°37	2°48	0°45	9° 3	24° 1	0° 2	20°22	11°32	12°23	6°41	7°18	F 12
S 13	19 25 20	21° 8'29	15°56	4°27	5°36	3°29	0°48	9°10	24° 0	0° 1	20°23	11°29	12°20	6°48	7°19	S 13
S 14	19 29 17	22° 5'44	29°27	6°21	6°36	4°10	0°51	9°16	23°59	29♐59	20°24	11°26	12°17	6°55	7°20	S 14
M15	19 33 13	23° 2'59	12♋44	8°13	7°36	4°51	0°54	9°23	23°58	29°58	20°26	11°24	12°13	7° 2	7°21	M15
T 16	19 37 10	24° 0'14	25°45	10° 3	8°36	5°32	0°57	9°29	23°58	29°56	20°27	11°22	12°10	7° 8	7°22	T 16
W17	19 41 7	24°57'30	8♌30	11°51	9°36	6°13	1° 0	9°35	23°57	29°55	20°28	11°D22	12° 7	7°15	7°23	W17
T 18	19 45 3	25°54'45	21° 0	13°37	10°37	6°53	1° 4	9°42	23°56	29°54	20°29	11°22	12° 4	7°22	7°24	T 18
F 19	19 49 0	26°52'01	3♍16	15°22	11°38	7°34	1° 8	9°48	23°55	29°52	20°30	11°23	12° 1	7°28	7°26	F 19
S 20	19 52 56	27°49'17	15°20	17° 4	12°39	8°14	1°12	9°54	23°55	29°51	20°31	11°24	11°58	7°35	7°27	S 20
S 21	19 56 53	28°46'33	27°17	18°45	13°41	8°54	1°16	10° 0	23°54	29°49	20°33	11°25	11°54	7°42	7°29	S 21
M22	20 0 49	29°43'50	9♎ 9	20°23	14°43	9°34	1°20	10° 6	23°54	29°48	20°34	11°26	11°51	7°48	7°31	M22
T 23	20 4 46	0♌41'07	21° 0	22° 0	15°45	10°14	1°24	10°12	23°53	29°47	20°35	11°27	11°48	7°55	7°33	T 23
W24	20 8 42	1°38'24	2♏57	23°35	16°48	10°53	1°29	10°18	23°53	29°45	20°36	11°R27	11°45	8° 2	7°34	W24
T 25	20 12 39	2°35'41	15° 3	25° 8	17°51	11°33	1°34	10°23	23°52	29°44	20°37	11°27	11°42	8° 9	7°36	T 25
F 26	20 16 36	3°32'59	27°22	26°39	18°54	12°12	1°39	10°29	23°52	29°43	20°38	11°26	11°39	8°15	7°39	F 26
S 27	20 20 32	4°30'17	9♐58	28° 8	19°57	12°52	1°44	10°35	23°51	29°42	20°39	11°25	11°35	8°22	7°41	S 27
S 28	20 24 29	5°27'35	22°55	29°35	21° 0	13°31	1°49	10°40	23°51	29°40	20°40	11°25	11°32	8°29	7°43	S 28
M29	20 28 25	6°24'54	6♑15	1♍ 0	22° 4	14°10	1°54	10°46	23°51	29°39	20°41	11°24	11°29	8°35	7°46	M29
T 30	20 32 22	7°22'13	19°56	2°24	23° 8	14°49	2° 0	10°51	23°51	29°38	20°42	11°24	11°26	8°42	7°48	T 30
W31	20 36 18	8♌19'34	3♒58	3♍45	24♊12	15♉27	2♏ 5	10♊57	23♏51	29♐37	20♊43	11♌23	11♌23	8♎49	7♏51	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 4	19s49	3n36	24n19	1n15	15n35	3s19	7n55	1s56	10s27	1n14	19n52	1s45	18s34	0n15	22s11	1n14	13n50	9s15	17n16	16n54	1n35	12s26	1n35
T 2	22 59	20 19	2 37	24 15	1 21	15 48	3 20	8 10	1 56	10 28	1 14	19 53	1 45	18 34	0 15	22 11	1 14	13 50	9 15	17 17	16 55	1 33	12 26	1 35
W 3	22 55	19 38	1 28	24 9	1 28	16 0	3 20	8 25	1 56	10 28	1 14	19 54	1 45	18 34	0 15	22 11	1 14	13 50	9 15	17 18	16 56	1 31	12 25	1 36
T 4	22 50	17 45	0 13	24 0	1 33	16 13	3 20	8 40	1 56	10 29	1 14	19 55	1 45	18 33	0 15	22 11	1 14	13 50	9 15	17 18	16 57	1 29	12 25	1 36
F 5	22 44	14 46	1s 4	23 48	1 38	16 25	3 20	8 55	1 56	10 30	1 13	19 56	1 45	18 33	0 15	22 11	1 14	13 50	9 15	17 18	16 58	1 26	12 25	1 36
S 6	22 38	10 55	2 17	23 34	1 42	16 38	3 20	9 10	1 56	10 31	1 13	19 57	1 45	18 33	0 15	22 11	1 14	13 50	9 15	17 18	16 59	1 24	12 25	1 36
S 7	22 32	6 25	3 23	23 17	1 45	16 50	3 20	9 25	1 56	10 31	1 13	19 58	1 45	18 33	0 15	22 11	1 14	13 50	9 15	17 18	17 0	1 22	12 25	1 36
M 8	22 25	1 35	4 15	22 58	1 48	17 2	3 19	9 40	1 56	10 32	1 12	19 59	1 45	18 32	0 15	22 11	1 14	13 50	9 15	17 17	17 1	1 20	12 25	1 36
T 9	22 18	3n20	4 53	22 37	1 50	17 14	3 19	9 54	1 56	10 33	1 12	20 0	1 46	18 32	0 15	22 11	1 14	13 50	9 15	17 17	17 2	1 18	12 25	1 36
W10	22 10	8 2	5 12	22 14	1 51	17 26	3 18	10 8	1 56	10 34	1 12	20 1	1 46	18 32	0 15	22 11	1 14	13 50	9 15	17 17	17 3	1 16	12 25	1 37
T 11	22 2	12 15	5 12	21 49	1 51	17 38	3 17	10 23	1 56	10 35	1 12	20 2	1 46	18 31	0 15	22 11	1 14	13 50	9 15	17 18	17 3	1 13	12 25	1 37
F 12	21 54	15 46	4 54	21 23	1 51	17 50	3 16	10 37	1 56	10 37	1 11	20 3	1 46	18 31	0 15	22 11	1 14	13 50	9 15	17 19	17 4	1 11	12 25	1 37
S 13	21 45	18 22	4 20	20 54	1 50	18 1	3 15	10 51	1 56	10 38	1 11	20 4	1 46	18 31	0 15	22 11	1 14	13 51	9 15	17 19	17 5	1 9	12 25	1 37
S 14	21 36	19 54	3 31	20 25	1 48	18 12	3 14	11 5	1 56	10 39	1 11	20 5	1 46	18 31	0 15	22 11	1 14	13 51	9 15	17 20	17 6	1 7	12 25	1 37
M15	21 27	20 18	2 32	19 54	1 46	18 23	3 12	11 18	1 56	10 40	1 11	20 6	1 46	18 31	0 15	22 11	1 14	13 51	9 15	17 21	17 7	1 5	12 25	1 37
T 16	21 17	19 35	1 25	19 22	1 43	18 34	3 11	11 32	1 56	10 42	1 10	20 6	1 46	18 30	0 15	22 11	1 14	13 51	9 15	17 21	17 8	1 3	12 25	1 37
W17	21 7	17 52	0 16	18 49	1 40	18 45	3 9	11 46	1 56	10 43	1 10	20 7	1 46	18 30	0 15	22 11	1 14	13 51	9 15	17 21	17 9	1 0	12 26	1 38
T 18	20 57	15 19	0n53	18 15	1 36	18 55	3 8	11 59	1 55	10 45	1 10	20 8	1 46	18 30	0 15	22 11	1 14	13 51	9 15	17 21	17 10	0 58	12 26	1 38
F 19	20 46	12 8	1 58	17 40	1 31	19 5	3 6	12 12	1 55	10 46	1 10	20 9	1 46	18 30	0 15	22 11	1 14	13 51	9 15	17 21	17 11	0 56	12 26	1 38
S 20	20 35	8 30	2 57	17 4	1 26	19 15	3 4	12 25	1 55	10 48	1 9	20 10	1 46	18 30	0 15	22 11	1 14	13 51	9 16	17 21	17 11	0 54	12 27	1 38
S 21	20 23	4 34	3 48	16 28	1 20	19 25	3 2	12 38	1 55	10 49	1 9	20 11	1 46	18 30	0 15	22 11	1 14	13 51	9 16	17 20	17 12	0 52	12 27	1 38
M22	20 11	0 29	4 28	15 51	1 14	19 34	3 0	12 51	1 55	10 51	1 9	20 11	1 46	18 30	0 15	22 12	1 14	13 51	9 16	17 20	17 13	0 50	12 27	1 38
T 23	19 59	3s36	4 57	15 14	1 8	19 43	2 58	13 4	1 54	10 53	1 9	20 12	1 46	18 29	0 15	22 12	1 14	13 51	9 16	17 20	17 14	0 47	12 28	1 38
W24	19 47	7 34	5 13	14 37	1 1	19 51	2 55	13 16	1 54	10 55	1 8	20 13	1 47	18 29	0 15	22 12	1 14	13 51	9 16	17 20	17 15	0 45	12 28	1 38
T 25	19 34	11 17	5 16	13 59	0 54	20 0	2 53	13 29	1 54	10 57	1 8	20 14	1 47	18 29	0 15	22 12	1 13	13 51	9 16	17 20	17 16	0 43	12 29	1 39
F 26	19 21	14 36	5 5	13 21	0 46	20 7	2 50	13 41	1 54	10 58	1 8	20 14	1 47	18 29	0 15	22 12	1 13	13 51	9 16	17 20	17 17	0 41	12 29	1 39
S 27	19 7	17 20	4 39	12 43	0 38	20 15	2 48	13 53	1 53	11 0	1 8	20 15	1 47	18 29	0 15	22 12	1 13	13 50	9 16	17 20	17 18	0 39	12 30	1 39
S 28	18 53	19 16	3 58	12 5	0 30	20 22	2 45	14 5	1 53	11 2	1 7	20 16	1 47	18 29	0 15	22 12	1 13	13 50	9 16	17 21	17 18	0 37	12 31	1 39
M29	18 39	20 14	3 3	11 26	0 21	20 29	2 43	14 17	1 53	11 5	1 7	20 16	1 47	18 29	0 15	22 12	1 13	13 50	9 16	17 21	17 19	0 34	12 31	1 39
T 30	18 25	20 1	1 56	10 48	0 12	20 35	2 40	14 29	1 52	11 7	1 7	20 17	1 47	18 29	0 15	22 12	1 13	13 50	9 16	17 21	17 20	0 32	12 32	1 39
W31	18n10	18s35	0n41	10n10	0n 3	20n41	2s37	14n40	1s52	11s 9	1n 7	20n18	1s47	18s29	0n14	22s12	1n13	13n50	9s17	17n21	17n21	0n30	12s33	1n39

Julian Day Number = 2505782.5, Delta T = 120.64 sec
Ecliptic obliquity = 23°25'05, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°48'55, Lahiri = 25°55'55

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ASTRODIENST EPHEMERIS for the year 2148
geocentric

AUGUST 2148 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 40 15	9♌16'54	18♒18	5♍ 4	25♊16	16♉ 6	2♏11	11♊ 2	23°R51	29°R36	20♊44	11°D23	11♌19	8♎55	7♏54	T 1
F 2	20 44 11	10°14'16	2♓49	6°21	26°21	16°44	2°17	11° 7	23°D51	29♐34	20°45	11♌23	11°16	9° 2	7°56	F 2
S 3	20 48 8	11°11'38	17°27	7°36	27°26	17°22	2°23	11°12	23♏51	29°33	20°46	11°R24	11°13	9° 9	7°59	S 3
S 4	20 52 5	12° 9'02	2♈ 5	8°49	28°31	18° 0	2°29	11°17	23°51	29°32	20°47	11°24	11°10	9°16	8° 2	S 4
M 5	20 56 1	13° 6'27	16°38	9°59	29°36	18°38	2°36	11°22	23°51	29°31	20°48	11°23	11° 7	9°22	8° 6	M 5
T 6	20 59 58	14° 3'52	1♉ 0	11° 7	0♋42	19°16	2°42	11°27	23°51	29°30	20°49	11°23	11° 4	9°29	8° 9	T 6
W 7	21 3 54	15° 1'19	15°10	12°13	1°47	19°53	2°49	11°32	23°51	29°29	20°50	11°D23	11° 0	9°36	8°12	W 7
T 8	21 7 51	15°58'48	29° 4	13°16	2°53	20°31	2°55	11°37	23°52	29°28	20°51	11°23	10°57	9°42	8°16	T 8
F 9	21 11 47	16°56'18	12♊42	14°16	3°59	21° 8	3° 2	11°42	23°52	29°27	20°52	11°24	10°54	9°49	8°19	F 9
S 10	21 15 44	17°53'49	26° 4	15°14	5° 5	21°45	3° 9	11°46	23°53	29°26	20°52	11°24	10°51	9°56	8°23	S 10
S 11	21 19 40	18°51'21	9♋12	16° 9	6°12	22°22	3°16	11°51	23°53	29°25	20°53	11°25	10°48	10° 3	8°27	S 11
M12	21 23 37	19°48'55	22° 5	17° 0	7°18	22°58	3°24	11°55	23°54	29°24	20°54	11°25	10°45	10° 9	8°30	M12
T 13	21 27 34	20°46'29	4♌45	17°49	8°25	23°34	3°31	12° 0	23°54	29°23	20°55	11°26	10°41	10°16	8°34	T 13
W14	21 31 30	21°44'05	17°13	18°34	9°32	24°11	3°39	12° 4	23°55	29°23	20°56	11°R26	10°38	10°23	8°38	W14
T 15	21 35 27	22°41'42	29°30	19°16	10°39	24°46	3°46	12° 8	23°55	29°22	20°56	11°25	10°35	10°29	8°42	T 15
F 16	21 39 23	23°39'21	11♍37	19°54	11°46	25°22	3°54	12°12	23°56	29°21	20°57	11°24	10°32	10°36	8°47	F 16
S 17	21 43 20	24°37'00	23°36	20°28	12°53	25°58	4° 2	12°16	23°57	29°20	20°58	11°23	10°29	10°43	8°51	S 17
S 18	21 47 16	25°34'40	5♎30	20°58	14° 1	26°33	4°10	12°20	23°58	29°20	20°58	11°21	10°25	10°49	8°55	S 18
M19	21 51 13	26°32'22	17°21	21°23	15° 9	27° 8	4°18	12°24	23°59	29°19	20°59	11°18	10°22	10°56	9° 0	M19
T 20	21 55 9	27°30'04	29°12	21°44	16°16	27°43	4°27	12°28	24° 0	29°18	21° 0	11°16	10°19	11° 3	9° 4	T 20
W21	21 59 6	28°27'48	11♏ 8	22° 1	17°24	28°17	4°35	12°32	24° 1	29°17	21° 0	11°15	10°16	11°10	9° 9	W21
T 22	22 3 3	29°25'33	23°11	22°12	18°32	28°51	4°44	12°35	24° 2	29°17	21° 1	11°14	10°13	11°16	9°14	T 22
F 23	22 6 59	0♍23'19	5♐28	22°17	19°41	29°25	4°52	12°39	24° 3	29°16	21° 2	11°D14	10°10	11°23	9°18	F 23
S 24	22 10 56	1°21'06	18° 1	22°R18	20°49	29°59	5° 1	12°42	24° 4	29°16	21° 2	11°15	10° 6	11°30	9°23	S 24
S 25	22 14 52	2°18'54	0♑56	22°12	21°57	0♊33	5°10	12°45	24° 5	29°15	21° 3	11°16	10° 3	11°36	9°28	S 25
M26	22 18 49	3°16'44	14°15	22° 1	23° 6	1° 6	5°19	12°49	24° 6	29°15	21° 3	11°17	10° 0	11°43	9°33	M26
T 27	22 22 45	4°14'34	28° 0	21°44	24°15	1°39	5°28	12°52	24° 8	29°14	21° 4	11°18	9°57	11°50	9°39	T 27
W28	22 26 42	5°12'26	12♒11	21°21	25°24	2°12	5°37	12°55	24° 9	29°14	21° 4	11°R19	9°54	11°56	9°44	W28
T 29	22 30 38	6°10'20	26°45	20°52	26°33	2°44	5°46	12°58	24°10	29°13	21° 5	11°18	9°50	12° 3	9°49	T 29
F 30	22 34 35	7° 8'14	11♓37	20°17	27°42	3°16	5°56	13° 0	24°12	29°13	21° 5	11°16	9°47	12°10	9°54	F 30
S 31	22 38 32	8♍ 6'11	26♓39	19♍37	28♋51	3♊48	6♏ 5	13♊ 3	24♏13	29♐13	21♊ 6	11♌13	9♌44	12♎17	10♏ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n55	15s56	0s38	9n33	0s 6	20n46	2s34	14n52	1s52	11s11	1n 6	20n18	1s47	18s29	0n14	22s12	1n13	13n50	9s17	17n21	17n22	0n28	12s34	1n39
F 2	17 40	12 16	1 56	8 55	0 16	20 51	2 31	15 3	1 51	11 13	1 6	20 19	1 47	18 29	0 14	22 12	1 13	13 50	9 17	17 21	17 23	0 26	12 34	1 40
S 3	17 24	7 49	3 7	8 18	0 26	20 56	2 28	15 14	1 51	11 16	1 6	20 20	1 47	18 29	0 14	22 12	1 13	13 50	9 17	17 21	17 24	0 23	12 35	1 40
S 4	17 8	2 56	4 6	7 42	0 36	21 0	2 25	15 25	1 50	11 18	1 6	20 20	1 48	18 29	0 14	22 12	1 13	13 50	9 17	17 21	17 25	0 21	12 36	1 40
M 5	16 52	2n 6	4 48	7 6	0 47	21 3	2 22	15 36	1 50	11 20	1 5	20 21	1 48	18 29	0 14	22 12	1 13	13 50	9 17	17 21	17 25	0 19	12 37	1 40
T 6	16 36	6 56	5 12	6 30	0 58	21 6	2 19	15 46	1 49	11 23	1 5	20 21	1 48	18 29	0 14	22 12	1 13	13 50	9 17	17 21	17 26	0 17	12 38	1 40
W 7	16 19	11 19	5 16	5 55	1 8	21 9	2 15	15 57	1 49	11 25	1 5	20 22	1 48	18 29	0 14	22 12	1 13	13 50	9 17	17 21	17 27	0 15	12 39	1 40
T 8	16 2	15 1	5 2	5 21	1 19	21 11	2 12	16 7	1 49	11 28	1 5	20 22	1 48	18 29	0 14	22 12	1 13	13 50	9 17	17 21	17 28	0 12	12 40	1 40
F 9	15 45	17 49	4 31	4 48	1 30	21 13	2 9	16 17	1 48	11 30	1 4	20 23	1 48	18 30	0 14	22 12	1 13	13 50	9 18	17 21	17 29	0 10	12 41	1 40
S 10	15 27	19 36	3 46	4 15	1 41	21 14	2 5	16 27	1 48	11 33	1 4	20 23	1 48	18 30	0 14	22 12	1 13	13 50	9 18	17 21	17 30	0 8	12 42	1 41
S 11	15 10	20 17	2 49	3 44	1 53	21 15	2 2	16 37	1 47	11 35	1 4	20 24	1 48	18 30	0 14	22 12	1 13	13 50	9 18	17 20	17 31	0 6	12 43	1 41
M12	14 52	19 53	1 45	3 13	2 4	21 15	1 58	16 47	1 46	11 38	1 4	20 24	1 48	18 30	0 14	22 12	1 13	13 50	9 18	17 20	17 32	0 4	12 44	1 41
T 13	14 33	18 28	0 37	2 44	2 15	21 15	1 55	16 56	1 46	11 41	1 4	20 25	1 49	18 30	0 14	22 12	1 13	13 50	9 18	17 20	17 32	0 1	12 45	1 41
W14	14 15	16 10	0n32	2 16	2 26	21 14	1 51	17 6	1 45	11 44	1 3	20 25	1 49	18 30	0 14	22 12	1 13	13 49	9 18	17 20	17 33	0s 1	12 46	1 41
T 15	13 56	13 11	1 38	1 50	2 38	21 12	1 48	17 15	1 45	11 46	1 3	20 26	1 49	18 31	0 14	22 12	1 13	13 49	9 18	17 20	17 34	0 3	12 48	1 41
F 16	13 37	9 39	2 39	1 25	2 49	21 10	1 44	17 24	1 44	11 49	1 3	20 26	1 49	18 31	0 14	22 12	1 13	13 49	9 18	17 21	17 35	0 5	12 49	1 41
S 17	13 18	5 48	3 33	1 1	3 0	21 8	1 40	17 33	1 43	11 52	1 3	20 27	1 49	18 31	0 14	22 12	1 13	13 49	9 19	17 21	17 36	0 7	12 50	1 41
S 18	12 59	1 44	4 16	0 40	3 10	21 5	1 37	17 42	1 43	11 55	1 2	20 27	1 49	18 31	0 14	22 12	1 13	13 49	9 19	17 22	17 37	0 10	12 51	1 42
M19	12 39	2s22	4 49	0 20	3 21	21 1	1 33	17 51	1 42	11 58	1 2	20 27	1 49	18 31	0 14	22 12	1 13	13 49	9 19	17 22	17 38	0 12	12 53	1 42
T 20	12 20	6 22	5 9	0 3	3 31	20 57	1 29	17 59	1 41	12 1	1 2	20 28	1 49	18 32	0 14	22 12	1 12	13 49	9 19	17 23	17 38	0 14	12 54	1 42
W21	12 0	10 9	5 16	0s13	3 41	20 52	1 26	18 7	1 41	12 4	1 2	20 28	1 50	18 32	0 14	22 13	1 12	13 49	9 19	17 23	17 39	0 16	12 55	1 42
T 22	11 40	13 34	5 9	0 26	3 50	20 47	1 22	18 16	1 40	12 7	1 2	20 28	1 50	18 32	0 14	22 13	1 12	13 49	9 19	17 23	17 40	0 18	12 57	1 42
F 23	11 20	16 28	4 48	0 36	3 59	20 41	1 18	18 24	1 39	12 10	1 1	20 29	1 50	18 32	0 14	22 13	1 12	13 49	9 19	17 23	17 41	0 21	12 58	1 42
S 24	10 59	18 41	4 13	0 43	4 7	20 35	1 14	18 32	1 38	12 13	1 1	20 29	1 50	18 33	0 14	22 13	1 12	13 49	9 20	17 23	17 42	0 23	13 0	1 42
S 25	10 38	20 0	3 24	0 48	4 14	20 28	1 11	18 39	1 38	12 16	1 1	20 29	1 50	18 33	0 14	22 13	1 12	13 48	9 20	17 23	17 43	0 25	13 1	1 42
M26	10 18	20 17	2 24	0 49	4 20	20 21	1 7	18 47	1 37	12 19	1 1	20 30	1 50	18 33	0 14	22 13	1 12	13 48	9 20	17 23	17 44	0 27	13 2	1 43
T 27	9 57	19 21	1 13	0 47	4 25	20 13	1 3	18 54	1 36	12 23	1 1	20 30	1 50	18 34	0 14	22 13	1 12	13 48	9 20	17 22	17 44	0 29	13 4	1 43
W28	9 36	17 12	0s 5	0 42	4 29	20 4	0 59	19 2	1 35	12 26	1 0	20 30	1 50	18 34	0 14	22 13	1 12	13 48	9 20	17 22	17 45	0 32	13 5	1 43
T 29	9 14	13 54	1 24	0 33	4 32	19 55	0 56	19 9	1 34	12 29	1 0	20 30	1 51	18 34	0 14	22 13	1 12	13 48	9 20	17 22	17 46	0 34	13 7	1 43
F 30	8 53	9 39	2 39	0 21	4 33	19 45	0 52	19 16	1 33	12 32	1 0	20 31	1 51	18 35	0 14	22 13	1 12	13 48	9 21	17 23	17 47	0 36	13 9	1 43
S 31	8n31	4s45	3s44	0s 5	4s33	19n35	0s48	19n23	1s33	12s36	1n 0	20n31	1s51	18s35	0n14	22s13	1n12	13n48	9s21	17n24	17n48	0s38	13s10	1n43

Julian Day Number = 2505813.5, Delta T = 120.69 sec
Ecliptic obliquity = 23°25'06, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°48'59, Lahiri = 25°56'00

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ASTRODIENST EPHEMERIS for the year 2148
geocentric

SEPTEMBER 2148 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 42 28	9♍ 4'08	11♈42	18°R52	0♌ 1	4♊20	6♏15	13♊ 6	24♏15	29°R12	21♊ 6	11°R10	9♌41	12♎23	10♏ 5	S 1
M 2	22 46 25	10° 2'08	26°37	18♍ 3	1°10	4°51	6°24	13° 8	24°16	29♐12	21° 7	11♌ 6	9°38	12°30	10°11	M 2
T 3	22 50 21	11° 0'10	11♉16	17°10	2°20	5°22	6°34	13°11	24°18	29°12	21° 7	11° 3	9°35	12°37	10°17	T 3
W 4	22 54 18	11°58'13	25°35	16°15	3°30	5°53	6°44	13°13	24°20	29°12	21° 7	11° 0	9°31	12°43	10°22	W 4
T 5	22 58 14	12°56'19	9♊30	15°17	4°39	6°23	6°54	13°15	24°21	29°11	21° 8	10°D59	9°28	12°50	10°28	T 5
F 6	23 2 11	13°54'26	23° 3	14°20	5°49	6°53	7° 4	13°17	24°23	29°11	21° 8	10°59	9°25	12°57	10°34	F 6
S 7	23 6 7	14°52'36	6♋14	13°22	7° 0	7°23	7°14	13°20	24°25	29°11	21° 8	11° 1	9°22	13° 4	10°40	S 7
S 8	23 10 4	15°50'47	19° 6	12°27	8°10	7°52	7°25	13°21	24°27	29°11	21° 9	11° 2	9°19	13°10	10°46	S 8
M 9	23 14 0	16°49'01	1♌42	11°35	9°20	8°21	7°35	13°23	24°29	29°11	21° 9	11° 4	9°16	13°17	10°52	M 9
T 10	23 17 57	17°47'16	14° 5	10°48	10°31	8°50	7°45	13°25	24°31	29°D11	21° 9	11°R 4	9°12	13°24	10°58	T 10
W11	23 21 54	18°45'33	26°17	10° 6	11°41	9°18	7°56	13°27	24°33	29°11	21° 9	11° 3	9° 9	13°30	11° 5	W11
T 12	23 25 50	19°43'52	8♍22	9°31	12°52	9°46	8° 6	13°28	24°35	29°11	21°10	11° 0	9° 6	13°37	11°11	T 12
F 13	23 29 47	20°42'13	20°20	9° 4	14° 3	10°14	8°17	13°29	24°37	29°11	21°10	10°55	9° 3	13°44	11°17	F 13
S 14	23 33 43	21°40'36	2♎15	8°45	15°14	10°41	8°28	13°31	24°39	29°11	21°10	10°48	9° 0	13°50	11°24	S 14
S 15	23 37 40	22°39'00	14° 6	8°35	16°24	11° 7	8°39	13°32	24°41	29°11	21°10	10°40	8°56	13°57	11°30	S 15
M16	23 41 36	23°37'27	25°57	8°D33	17°36	11°34	8°50	13°33	24°43	29°12	21°10	10°32	8°53	14° 4	11°37	M16
T 17	23 45 33	24°35'54	7♏49	8°41	18°47	12° 0	9° 1	13°34	24°45	29°12	21°10	10°24	8°50	14°11	11°43	T 17
W18	23 49 29	25°34'24	19°45	8°59	19°58	12°25	9°12	13°35	24°48	29°12	21°10	10°18	8°47	14°17	11°50	W18
T 19	23 53 26	26°32'56	1♐48	9°26	21° 9	12°50	9°23	13°35	24°50	29°12	21°10	10°13	8°44	14°24	11°57	T 19
F 20	23 57 23	27°31'29	14° 2	10° 1	22°21	13°15	9°34	13°36	24°52	29°13	21°R10	10°10	8°41	14°31	12° 4	F 20
S 21	0 1 19	28°30'03	26°31	10°46	23°32	13°39	9°45	13°37	24°55	29°13	21°10	10°D 9	8°37	14°37	12°11	S 21
S 22	0 5 16	29°28'40	9♑19	11°38	24°44	14° 2	9°57	13°37	24°57	29°13	21°10	10° 9	8°34	14°44	12°17	S 22
M23	0 9 12	0♎27'18	22°31	12°38	25°56	14°26	10° 8	13°37	25° 0	29°14	21°10	10°10	8°31	14°51	12°24	M23
T 24	0 13 9	1°25'57	6♒10	13°45	27° 7	14°48	10°20	13°37	25° 2	29°14	21°10	10°R11	8°28	14°58	12°31	T 24
W25	0 17 5	2°24'39	20°18	14°59	28°19	15°10	10°31	13°R38	25° 5	29°15	21°10	10°11	8°25	15° 4	12°38	W25
T 26	0 21 2	3°23'22	4♓52	16°18	29°31	15°32	10°43	13°38	25° 8	29°15	21°10	10° 8	8°21	15°11	12°46	T 26
F 27	0 24 58	4°22'06	19°50	17°43	0♍43	15°53	10°55	13°37	25°10	29°16	21°10	10° 4	8°18	15°18	12°53	F 27
S 28	0 28 55	5°20'53	5♈ 4	19°12	1°56	16°14	11° 6	13°37	25°13	29°16	21°10	9°57	8°15	15°24	13° 0	S 28
S 29	0 32 52	6°19'42	20°23	20°45	3° 8	16°34	11°18	13°37	25°16	29°17	21° 9	9°49	8°12	15°31	13° 7	S 29
M30	0 36 48	7♎18'32	5♉36	22♍21	4♍20	16♊54	11♏30	13♊36	25♏18	29♐18	21♊ 9	9♌40	8♌ 9	15♎38	13♏15	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n10	0n26	4s33	0n15	4s31	19n24	0s44	19n29	1s32	12s39	1n 0	20n31	1s51	18s36	0n14	22s13	1n12	13n48	9s21	17n25	17n49	0s41	13s12	1n43
M 2	7 48	5 32	5 3	0 37	4 27	19 13	0 41	19 36	1 31	12 42	1 0	20 31	1 51	18 36	0 14	22 13	1 12	13 47	9 21	17 26	17 49	0 43	13 13	1 43
T 3	7 26	10 14	5 13	1 3	4 21	19 1	0 37	19 42	1 30	12 46	0 59	20 31	1 51	18 36	0 14	22 13	1 12	13 47	9 21	17 27	17 50	0 45	13 15	1 44
W 4	7 4	14 14	5 3	1 32	4 13	18 49	0 33	19 49	1 29	12 49	0 59	20 31	1 51	18 37	0 14	22 13	1 12	13 47	9 21	17 27	17 51	0 47	13 17	1 44
T 5	6 42	17 19	4 35	2 3	4 4	18 36	0 30	19 55	1 28	12 53	0 59	20 32	1 51	18 37	0 14	22 13	1 12	13 47	9 21	17 28	17 52	0 49	13 18	1 44
F 6	6 19	19 22	3 53	2 36	3 52	18 23	0 26	20 1	1 27	12 56	0 59	20 32	1 52	18 38	0 14	22 13	1 12	13 47	9 22	17 27	17 53	0 52	13 20	1 44
S 7	5 57	20 18	2 59	3 10	3 39	18 9	0 22	20 7	1 26	13 0	0 59	20 32	1 52	18 38	0 14	22 13	1 12	13 47	9 22	17 27	17 54	0 54	13 22	1 44
S 8	5 35	20 8	1 57	3 44	3 24	17 55	0 19	20 13	1 25	13 3	0 58	20 32	1 52	18 39	0 14	22 13	1 12	13 47	9 22	17 27	17 55	0 56	13 24	1 44
M 9	5 12	18 56	0 51	4 19	3 8	17 40	0 15	20 18	1 23	13 7	0 58	20 32	1 52	18 39	0 14	22 13	1 12	13 46	9 22	17 26	17 55	0 58	13 25	1 44
T 10	4 49	16 51	0n16	4 53	2 50	17 24	0 12	20 24	1 22	13 10	0 58	20 32	1 52	18 40	0 14	22 13	1 12	13 46	9 22	17 26	17 56	1 1	13 27	1 44
W11	4 27	14 2	1 22	5 26	2 32	17 8	0 8	20 29	1 21	13 14	0 58	20 32	1 52	18 40	0 14	22 13	1 11	13 46	9 22	17 27	17 57	1 3	13 29	1 45
T 12	4 4	10 38	2 23	5 57	2 13	16 52	0 5	20 35	1 20	13 17	0 58	20 32	1 52	18 41	0 14	22 14	1 11	13 46	9 23	17 27	17 58	1 5	13 31	1 45
F 13	3 41	6 50	3 17	6 25	1 53	16 35	0 1	20 40	1 19	13 21	0 58	20 32	1 53	18 41	0 14	22 14	1 11	13 46	9 23	17 29	17 59	1 7	13 32	1 45
S 14	3 18	2 48	4 2	6 50	1 33	16 18	0n 2	20 45	1 18	13 24	0 57	20 32	1 53	18 42	0 14	22 14	1 11	13 46	9 23	17 31	18 0	1 10	13 34	1 45
S 15	2 55	1s19	4 36	7 12	1 14	16 0	0 6	20 50	1 16	13 28	0 57	20 32	1 53	18 42	0 13	22 14	1 11	13 46	9 23	17 33	18 0	1 12	13 36	1 45
M16	2 32	5 23	4 58	7 30	0 55	15 41	0 9	20 55	1 15	13 32	0 57	20 32	1 53	18 43	0 13	22 14	1 11	13 45	9 23	17 35	18 1	1 14	13 38	1 45
T 17	2 9	9 15	5 8	7 45	0 36	15 23	0 12	20 59	1 14	13 35	0 57	20 32	1 53	18 43	0 13	22 14	1 11	13 45	9 23	17 37	18 2	1 16	13 40	1 45
W18	1 45	12 46	5 4	7 54	0 19	15 4	0 16	21 4	1 12	13 39	0 57	20 32	1 53	18 44	0 13	22 14	1 11	13 45	9 24	17 39	18 3	1 18	13 42	1 46
T 19	1 22	15 49	4 47	8 0	0 2	14 44	0 19	21 9	1 11	13 43	0 57	20 32	1 53	18 45	0 13	22 14	1 11	13 45	9 24	17 40	18 4	1 21	13 44	1 46
F 20	0 59	18 13	4 16	8 1	0n14	14 24	0 22	21 13	1 10	13 46	0 57	20 32	1 54	18 45	0 13	22 14	1 11	13 45	9 24	17 41	18 5	1 23	13 46	1 46
S 21	0 36	19 49	3 33	7 58	0 29	14 3	0 25	21 17	1 8	13 50	0 56	20 32	1 54	18 46	0 13	22 14	1 11	13 45	9 24	17 41	18 5	1 25	13 48	1 46
S 22	0 12	20 28	2 38	7 51	0 43	13 43	0 28	21 21	1 7	13 54	0 56	20 32	1 54	18 46	0 13	22 14	1 11	13 44	9 24	17 41	18 6	1 27	13 50	1 46
M23	0s11	20 0	1 34	7 40	0 55	13 21	0 31	21 26	1 5	13 57	0 56	20 32	1 54	18 47	0 13	22 14	1 11	13 44	9 24	17 41	18 7	1 30	13 51	1 46
T 24	0 34	18 22	0 22	7 24	1 6	13 0	0 34	21 30	1 4	14 1	0 56	20 32	1 54	18 48	0 13	22 14	1 11	13 44	9 25	17 41	18 8	1 32	13 53	1 47
W25	0 57	15 34	0s54	7 5	1 16	12 38	0 37	21 34	1 2	14 5	0 56	20 31	1 54	18 48	0 13	22 14	1 11	13 44	9 25	17 41	18 9	1 34	13 55	1 47
T 26	1 21	11 43	2 9	6 42	1 25	12 15	0 40	21 38	1 1	14 9	0 56	20 31	1 54	18 49	0 13	22 14	1 11	13 44	9 25	17 41	18 10	1 36	13 57	1 47
F 27	1 44	7 1	3 16	6 16	1 32	11 52	0 43	21 41	0 59	14 12	0 56	20 31	1 55	18 50	0 13	22 14	1 11	13 44	9 25	17 43	18 10	1 39	13 59	1 47
S 28	2 7	1 50	4 11	5 47	1 38	11 29	0 45	21 45	0 58	14 16	0 55	20 31	1 55	18 50	0 13	22 14	1 11	13 43	9 25	17 44	18 11	1 41	14 1	1 47
S 29	2 31	3n31	4 48	5 15	1 44	11 6	0 48	21 49	0 56	14 20	0 55	20 31	1 55	18 51	0 13	22 14	1 11	13 43	9 25	17 47	18 12	1 43	14 3	1 47
M30	2s54	8n36	5s 4	4n41	1n48	10n42	0n51	21n52	0s54	14s24	0n55	20n31	1s55	18s52	0n13	22s14	1n11	13n43	9s26	17n49	18n13	1s45	14s 5	1n48

Julian Day Number = 2505844.5, Delta T = 120.75 sec
Ecliptic obliquity = 23°25'06, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°49'04, Lahiri = 25°56'04

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ASTRODIENST EPHEMERIS for the year 2148
geocentric

OCTOBER 2148 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 45	8♎17'25	20♉33	24♍ 0	5♍32	17♊13	11♏42	13°R36	25♏21	29♐18	21°R 9	9°R32	8♌ 6	15♎45	13♏22	T 1
W 2	0 44 41	9°16'21	5♊ 6	25°41	6°45	17°31	11°54	13♊35	25°24	29°19	21♊ 9	9♌26	8° 2	15°51	13°29	W 2
T 3	0 48 38	10°15'18	19°11	27°24	7°57	17°49	12° 6	13°34	25°27	29°20	21° 9	9°22	7°59	15°58	13°37	T 3
F 4	0 52 34	11°14'18	2♋47	29° 8	9°10	18° 7	12°18	13°33	25°30	29°20	21° 8	9°20	7°56	16° 5	13°44	F 4
S 5	0 56 31	12°13'20	15°57	0♎54	10°23	18°23	12°30	13°32	25°33	29°21	21° 8	9°D19	7°53	16°11	13°52	S 5
S 6	1 0 27	13°12'25	28°43	2°40	11°36	18°40	12°43	13°31	25°36	29°22	21° 8	9°20	7°50	16°18	13°59	S 6
M 7	1 4 24	14°11'31	11♌11	4°26	12°49	18°55	12°55	13°30	25°39	29°23	21° 7	9°R20	7°47	16°25	14° 7	M 7
T 8	1 8 20	15°10'40	23°24	6°13	14° 1	19°10	13° 7	13°29	25°42	29°24	21° 7	9°19	7°43	16°32	14°15	T 8
W 9	1 12 17	16° 9'52	5♍27	8° 0	15°14	19°24	13°20	13°27	25°45	29°25	21° 7	9°16	7°40	16°38	14°22	W 9
T 10	1 16 14	17° 9'05	17°23	9°47	16°28	19°37	13°32	13°26	25°48	29°26	21° 6	9°10	7°37	16°45	14°30	T 10
F 11	1 20 10	18° 8'20	29°15	11°33	17°41	19°50	13°44	13°24	25°51	29°27	21° 6	9° 1	7°34	16°52	14°38	F 11
S 12	1 24 7	19° 7'38	11♎ 6	13°20	18°54	20° 2	13°57	13°22	25°54	29°28	21° 5	8°50	7°31	16°58	14°45	S 12
S 13	1 28 3	20° 6'58	22°58	15° 5	20° 7	20°14	14° 9	13°20	25°57	29°29	21° 5	8°37	7°27	17° 5	14°53	S 13
M14	1 32 0	21° 6'19	4♏51	16°51	21°21	20°24	14°22	13°18	26° 0	29°30	21° 4	8°23	7°24	17°12	15° 1	M14
T 15	1 35 56	22° 5'43	16°47	18°35	22°34	20°34	14°35	13°16	26° 4	29°31	21° 4	8°10	7°21	17°19	15° 9	T 15
W16	1 39 53	23° 5'09	28°48	20°20	23°47	20°43	14°47	13°14	26° 7	29°32	21° 3	7°58	7°18	17°25	15°17	W16
T 17	1 43 49	24° 4'37	10♐55	22° 3	25° 1	20°52	15° 0	13°12	26°10	29°33	21° 3	7°49	7°15	17°32	15°25	T 17
F 18	1 47 46	25° 4'06	23°12	23°46	26°15	20°59	15°13	13° 9	26°14	29°34	21° 2	7°42	7°12	17°39	15°33	F 18
S 19	1 51 43	26° 3'37	5♑41	25°28	27°28	21° 6	15°26	13° 7	26°17	29°36	21° 2	7°38	7° 8	17°45	15°41	S 19
S 20	1 55 39	27° 3'10	18°26	27°10	28°42	21°12	15°38	13° 4	26°20	29°37	21° 1	7°37	7° 5	17°52	15°49	S 20
M21	1 59 36	28° 2'45	1♒31	28°51	29°56	21°17	15°51	13° 2	26°24	29°38	21° 0	7°36	7° 2	17°59	15°57	M21
T 22	2 3 32	29° 2'22	15° 0	0♏31	1♎ 9	21°22	16° 4	12°59	26°27	29°39	21° 0	7°36	6°59	18° 6	16° 5	T 22
W23	2 7 29	0♏ 2'00	28°56	2°11	2°23	21°25	16°17	12°56	26°30	29°41	20°59	7°35	6°56	18°12	16°13	W23
T 24	2 11 25	1° 1'40	13♓19	3°50	3°37	21°28	16°30	12°53	26°34	29°42	20°58	7°32	6°53	18°19	16°21	T 24
F 25	2 15 22	2° 1'21	28° 7	5°29	4°51	21°30	16°43	12°50	26°37	29°43	20°58	7°26	6°49	18°26	16°29	F 25
S 26	2 19 18	3° 1'04	13♈15	7° 7	6° 5	21°31	16°56	12°47	26°41	29°45	20°57	7°17	6°46	18°32	16°37	S 26
S 27	2 23 15	4° 0'49	28°33	8°44	7°19	21°R31	17° 9	12°44	26°44	29°46	20°56	7° 6	6°43	18°39	16°45	S 27
M28	2 27 12	5° 0'37	13♉50	10°21	8°33	21°30	17°22	12°41	26°48	29°48	20°55	6°55	6°40	18°46	16°54	M28
T 29	2 31 8	6° 0'26	28°55	11°57	9°47	21°29	17°35	12°37	26°51	29°49	20°55	6°44	6°37	18°53	17° 2	T 29
W30	2 35 5	7° 0'17	13♊38	13°33	11° 2	21°27	17°48	12°34	26°55	29°51	20°54	6°35	6°33	18°59	17°10	W30
T 31	2 39 1	8♏ 0'10	27♊53	15♏ 8	12♎16	21♊23	18♏ 1	12♊30	26♏58	29♐52	20♊53	6♌28	6♌30	19♎ 6	17♏18	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s17	13n 4	4s59	4n 4	1n51	10n18	0n53	21n56	0s53	14s27	0n55	20n30	1s55	18s52	0n13	22s14	1n11	13n43	9s26	17n51	18n14	1s48	14s 7	1n48
W 2	3 40	16 37	4 35	3 26	1 53	9 53	0 56	21 59	0 51	14 31	0 55	20 30	1 55	18 53	0 13	22 15	1 10	13 43	9 26	17 53	18 14	1 50	14 10	1 48
T 3	4 3	19 5	3 55	2 46	1 54	9 29	0 58	22 3	0 49	14 35	0 55	20 30	1 55	18 54	0 13	22 15	1 10	13 43	9 26	17 54	18 15	1 52	14 12	1 48
F 4	4 27	20 21	3 2	2 5	1 54	9 4	1 1	22 6	0 47	14 39	0 55	20 30	1 55	18 54	0 13	22 15	1 10	13 42	9 26	17 54	18 16	1 54	14 14	1 48
S 5	4 50	20 27	2 1	1 23	1 53	8 38	1 3	22 9	0 46	14 43	0 55	20 30	1 56	18 55	0 13	22 15	1 10	13 42	9 26	17 54	18 17	1 57	14 16	1 48
S 6	5 13	19 29	0 56	0 39	1 52	8 13	1 5	22 13	0 44	14 46	0 54	20 29	1 56	18 56	0 13	22 15	1 10	13 42	9 26	17 54	18 18	1 59	14 18	1 49
M 7	5 36	17 34	0n10	0s 4	1 50	7 47	1 7	22 16	0 42	14 50	0 54	20 29	1 56	18 57	0 13	22 15	1 10	13 42	9 27	17 54	18 19	2 1	14 20	1 49
T 8	5 58	14 53	1 14	0 49	1 48	7 21	1 9	22 19	0 40	14 54	0 54	20 29	1 56	18 57	0 13	22 15	1 10	13 42	9 27	17 54	18 19	2 3	14 22	1 49
W 9	6 21	11 35	2 14	1 34	1 45	6 55	1 11	22 22	0 38	14 58	0 54	20 28	1 56	18 58	0 13	22 15	1 10	13 42	9 27	17 55	18 20	2 6	14 24	1 49
T 10	6 44	7 52	3 8	2 19	1 41	6 28	1 13	22 25	0 36	15 2	0 54	20 28	1 56	18 59	0 13	22 15	1 10	13 41	9 27	17 57	18 21	2 8	14 26	1 49
F 11	7 6	3 51	3 52	3 4	1 38	6 1	1 15	22 28	0 34	15 6	0 54	20 28	1 56	19 0	0 13	22 15	1 10	13 41	9 27	17 59	18 22	2 10	14 28	1 49
S 12	7 29	0s18	4 27	3 49	1 33	5 34	1 17	22 31	0 32	15 9	0 54	20 28	1 56	19 0	0 13	22 15	1 10	13 41	9 27	18 2	18 23	2 12	14 30	1 50
S 13	7 51	4 26	4 50	4 35	1 29	5 7	1 19	22 34	0 30	15 13	0 54	20 27	1 57	19 1	0 13	22 15	1 10	13 41	9 27	18 6	18 23	2 15	14 32	1 50
M14	8 14	8 25	5 0	5 20	1 24	4 40	1 21	22 37	0 27	15 17	0 54	20 27	1 57	19 2	0 13	22 15	1 10	13 41	9 28	18 9	18 24	2 17	14 34	1 50
T 15	8 36	12 5	4 57	6 4	1 18	4 12	1 22	22 40	0 25	15 21	0 53	20 26	1 57	19 3	0 13	22 15	1 10	13 41	9 28	18 13	18 25	2 19	14 36	1 50
W16	8 58	15 18	4 41	6 49	1 13	3 45	1 24	22 43	0 23	15 25	0 53	20 26	1 57	19 3	0 13	22 15	1 10	13 40	9 28	18 16	18 26	2 21	14 39	1 50
T 17	9 20	17 54	4 13	7 33	1 7	3 17	1 25	22 46	0 21	15 28	0 53	20 26	1 57	19 4	0 13	22 15	1 10	13 40	9 28	18 18	18 27	2 24	14 41	1 51
F 18	9 42	19 43	3 32	8 16	1 1	2 49	1 26	22 48	0 18	15 32	0 53	20 25	1 57	19 5	0 13	22 15	1 10	13 40	9 28	18 20	18 27	2 26	14 43	1 51
S 19	10 3	20 38	2 40	8 59	0 55	2 21	1 28	22 51	0 16	15 36	0 53	20 25	1 57	19 6	0 13	22 15	1 10	13 40	9 28	18 21	18 28	2 28	14 45	1 51
S 20	10 25	20 30	1 40	9 42	0 49	1 53	1 29	22 54	0 14	15 40	0 53	20 25	1 57	19 7	0 13	22 15	1 10	13 40	9 28	18 21	18 29	2 31	14 47	1 51
M21	10 46	19 17	0 32	10 24	0 42	1 24	1 30	22 57	0 11	15 44	0 53	20 24	1 57	19 7	0 13	22 15	1 10	13 39	9 29	18 21	18 30	2 33	14 49	1 51
T 22	11 7	16 57	0s39	11 5	0 36	0 56	1 31	23 0	0 9	15 47	0 53	20 24	1 57	19 8	0 13	22 15	1 10	13 39	9 29	18 21	18 31	2 35	14 51	1 52
W23	11 28	13 33	1 50	11 46	0 29	0 28	1 32	23 2	0 6	15 51	0 53	20 23	1 58	19 9	0 13	22 16	1 10	13 39	9 29	18 21	18 31	2 37	14 53	1 52
T 24	11 49	9 16	2 57	12 26	0 22	0s 1	1 33	23 5	0 4	15 55	0 53	20 23	1 58	19 10	0 13	22 16	1 10	13 39	9 29	18 22	18 32	2 40	14 55	1 52
F 25	12 10	4 19	3 53	13 5	0 16	0 29	1 34	23 8	0 1	15 59	0 52	20 22	1 58	19 11	0 13	22 16	1 9	13 39	9 29	18 24	18 33	2 42	14 57	1 52
S 26	12 30	1n 1	4 34	13 44	0 9	0 58	1 35	23 10	0n 2	16 2	0 52	20 22	1 58	19 11	0 13	22 16	1 9	13 39	9 29	18 26	18 34	2 44	14 59	1 53
S 27	12 51	6 19	4 57	14 22	0 2	1 27	1 35	23 13	0 4	16 6	0 52	20 21	1 58	19 12	0 13	22 16	1 9	13 39	9 29	18 29	18 35	2 46	15 2	1 53
M28	13 11	11 14	4 58	14 59	0s 5	1 55	1 36	23 16	0 7	16 10	0 52	20 21	1 58	19 13	0 13	22 16	1 9	13 38	9 29	18 32	18 35	2 49	15 4	1 53
T 29	13 31	15 22	4 38	15 35	0 12	2 24	1 36	23 18	0 10	16 14	0 52	20 20	1 58	19 14	0 13	22 16	1 9	13 38	9 29	18 34	18 36	2 51	15 6	1 53
W30	13 50	18 26	4 0	16 11	0 18	2 52	1 37	23 21	0 12	16 17	0 52	20 20	1 58	19 15	0 13	22 16	1 9	13 38	9 30	18 37	18 37	2 53	15 8	1 53
T 31	14s10	20n16	3s 8	16s46	0s25	3s21	1n37	23n24	0n15	16s21	0n52	20n19	1s58	19s15	0n13	22s16	1n 9	13n38	9s30	18n38	18n38	2s55	15s10	1n54

Julian Day Number = 2505874.5, Delta T = 120.81 sec
Ecliptic obliquity = 23°25'07, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°49'08, Lahiri = 25°56'08

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ASTRODIENST EPHEMERIS for the year 2148
geocentric

NOVEMBER 2148 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 42 58	9♏ 0'06	11♋38	16♏43	13♎30	21°R19	18♏14	12°R27	27♏ 2	29♐54	20°R52	6°R24	6♌27	19♎13	17♏26	F 1
S 2	2 46 54	10° 0'04	24°54	18°17	14°45	21♊14	18°27	12♊23	27° 6	29°56	20♊51	6♌23	6°24	19°19	17°35	S 2
S 3	2 50 51	11° 0'04	7♌43	19°51	15°59	21° 8	18°41	12°19	27° 9	29°57	20°51	6°23	6°21	19°26	17°43	S 3
M 4	2 54 47	12° 0'06	20°10	21°24	17°13	21° 1	18°54	12°15	27°13	29°59	20°50	6°22	6°18	19°33	17°51	M 4
T 5	2 58 44	13° 0'10	2♍21	22°57	18°28	20°53	19° 7	12°11	27°17	0♑ 0	20°49	6°21	6°14	19°40	17°59	T 5
W 6	3 2 41	14° 0'16	14°21	24°29	19°42	20°45	19°20	12° 7	27°20	0° 2	20°48	6°18	6°11	19°46	18° 8	W 6
T 7	3 6 37	15° 0'24	26°14	26° 1	20°57	20°35	19°33	12° 3	27°24	0° 4	20°47	6°12	6° 8	19°53	18°16	T 7
F 8	3 10 34	16° 0'34	8♎ 4	27°33	22°11	20°25	19°47	11°59	27°27	0° 6	20°46	6° 3	6° 5	20° 0	18°24	F 8
S 9	3 14 30	17° 0'46	19°54	29° 4	23°26	20°13	20° 0	11°55	27°31	0° 7	20°45	5°51	6° 2	20° 6	18°32	S 9
S 10	3 18 27	18° 1'00	1♏48	0♐35	24°41	20° 1	20°13	11°51	27°35	0° 9	20°44	5°38	5°58	20°13	18°41	S 10
M11	3 22 23	19° 1'16	13°46	2° 6	25°55	19°48	20°26	11°46	27°39	0°11	20°43	5°23	5°55	20°20	18°49	M11
T 12	3 26 20	20° 1'34	25°50	3°36	27°10	19°34	20°39	11°42	27°42	0°13	20°42	5° 9	5°52	20°27	18°57	T 12
W13	3 30 16	21° 1'54	8♐ 1	5° 6	28°25	19°20	20°53	11°38	27°46	0°15	20°41	4°57	5°49	20°33	19° 5	W13
T 14	3 34 13	22° 2'15	20°19	6°35	29°40	19° 4	21° 6	11°33	27°50	0°16	20°40	4°47	5°46	20°40	19°14	T 14
F 15	3 38 10	23° 2'37	2♑47	8° 4	0♏55	18°48	21°19	11°29	27°53	0°18	20°39	4°40	5°43	20°47	19°22	F 15
S 16	3 42 6	24° 3'02	15°25	9°32	2° 9	18°31	21°32	11°24	27°57	0°20	20°38	4°35	5°39	20°53	19°30	S 16
S 17	3 46 3	25° 3'27	28°16	11° 0	3°24	18°14	21°46	11°20	28° 1	0°22	20°37	4°34	5°36	21° 0	19°38	S 17
M18	3 49 59	26° 3'54	11♒22	12°28	4°39	17°56	21°59	11°15	28° 5	0°24	20°36	4°D34	5°33	21° 7	19°47	M18
T 19	3 53 56	27° 4'22	24°47	13°55	5°54	17°37	22°12	11°10	28° 8	0°26	20°35	4°R34	5°30	21°14	19°55	T 19
W20	3 57 52	28° 4'52	8♓33	15°21	7° 9	17°18	22°25	11° 6	28°12	0°28	20°34	4°34	5°27	21°20	20° 3	W20
T 21	4 1 49	29° 5'22	22°41	16°47	8°24	16°58	22°39	11° 1	28°16	0°30	20°33	4°31	5°24	21°27	20°11	T 21
F 22	4 5 45	0♐ 5'54	7♈11	18°12	9°39	16°37	22°52	10°56	28°19	0°32	20°32	4°27	5°20	21°34	20°19	F 22
S 23	4 9 42	1° 6'27	21°59	19°36	10°54	16°16	23° 5	10°51	28°23	0°34	20°31	4°20	5°17	21°41	20°28	S 23
S 24	4 13 39	2° 7'01	6♉58	21° 0	12° 9	15°55	23°18	10°46	28°27	0°36	20°30	4°11	5°14	21°47	20°36	S 24
M25	4 17 35	3° 7'37	22° 0	22°22	13°24	15°34	23°31	10°41	28°31	0°38	20°29	4° 1	5°11	21°54	20°44	M25
T 26	4 21 32	4° 8'14	6♊55	23°43	14°39	15°12	23°44	10°37	28°34	0°40	20°28	3°51	5° 8	22° 1	20°52	T 26
W27	4 25 28	5° 8'53	21°35	25° 3	15°54	14°49	23°58	10°32	28°38	0°42	20°27	3°44	5° 4	22° 7	21° 0	W27
T 28	4 29 25	6° 9'33	5♋51	26°22	17° 9	14°27	24°11	10°27	28°42	0°44	20°26	3°38	5° 1	22°14	21° 8	T 28
F 29	4 33 21	7°10'14	19°40	27°39	18°24	14° 4	24°24	10°22	28°45	0°47	20°24	3°35	4°58	22°21	21°16	F 29
S 30	4 37 18	8♐10'57	3♌ 2	28♐54	19♏40	13♊41	24♏37	10♊17	28♏49	0♑49	20♊23	3°D34	4♌55	22♎28	21♏24	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s29	20n48	2s 7	17s19	0s32	3s50	1n38	23n26	0n18	16s25	0n52	20n19	1s58	19s16	0n13	22s16	1n 9	13n38	9s30	18n39	18n39	2s58	15s12	1n54
S 2	14 48	20 9	1 0	17 52	0 38	4 18	1 38	23 29	0 21	16 28	0 52	20 18	1 58	19 17	0 13	22 16	1 9	13 38	9 30	18 40	18 39	3 0	15 14	1 54
S 3	15 7	18 26	0n 7	18 24	0 45	4 47	1 38	23 31	0 24	16 32	0 52	20 18	1 58	19 18	0 13	22 16	1 9	13 37	9 30	18 40	18 40	3 2	15 16	1 54
M 4	15 25	15 53	1 12	18 55	0 51	5 15	1 38	23 34	0 27	16 36	0 52	20 17	1 58	19 19	0 13	22 16	1 9	13 37	9 30	18 40	18 41	3 5	15 18	1 55
T 5	15 44	12 42	2 13	19 25	0 58	5 43	1 38	23 36	0 30	16 39	0 52	20 17	1 58	19 20	0 13	22 16	1 9	13 37	9 30	18 40	18 42	3 7	15 20	1 55
W 6	16 2	9 1	3 6	19 55	1 4	6 11	1 38	23 38	0 33	16 43	0 52	20 16	1 58	19 21	0 13	22 16	1 9	13 37	9 30	18 41	18 43	3 9	15 22	1 55
T 7	16 19	5 2	3 51	20 23	1 10	6 40	1 38	23 41	0 36	16 47	0 52	20 16	1 58	19 21	0 13	22 16	1 9	13 37	9 30	18 42	18 43	3 11	15 24	1 55
F 8	16 37	0 52	4 26	20 50	1 16	7 8	1 37	23 43	0 39	16 50	0 51	20 15	1 58	19 22	0 13	22 16	1 9	13 37	9 30	18 45	18 44	3 14	15 26	1 56
S 9	16 54	3s19	4 49	21 16	1 22	7 35	1 37	23 45	0 42	16 54	0 51	20 14	1 58	19 23	0 13	22 16	1 9	13 37	9 30	18 48	18 45	3 16	15 28	1 56
S 10	17 11	7 24	4 59	21 41	1 28	8 3	1 37	23 47	0 45	16 58	0 51	20 14	1 59	19 24	0 13	22 16	1 9	13 36	9 31	18 51	18 46	3 18	15 30	1 56
M11	17 28	11 14	4 57	22 5	1 34	8 31	1 36	23 50	0 48	17 1	0 51	20 13	1 59	19 25	0 13	22 16	1 9	13 36	9 31	18 54	18 47	3 20	15 32	1 56
T 12	17 44	14 39	4 41	22 28	1 39	8 58	1 36	23 52	0 51	17 5	0 51	20 13	1 59	19 26	0 13	22 16	1 9	13 36	9 31	18 58	18 47	3 23	15 34	1 57
W13	18 0	17 28	4 12	22 50	1 44	9 25	1 35	23 54	0 54	17 8	0 51	20 12	1 59	19 26	0 13	22 16	1 9	13 36	9 31	19 1	18 48	3 25	15 36	1 57
T 14	18 16	19 33	3 32	23 11	1 49	9 52	1 35	23 55	0 57	17 12	0 51	20 11	1 59	19 27	0 13	22 16	1 9	13 36	9 31	19 3	18 49	3 27	15 38	1 57
F 15	18 31	20 43	2 40	23 31	1 54	10 19	1 34	23 57	1 1	17 15	0 51	20 11	1 59	19 28	0 13	22 16	1 9	13 36	9 31	19 5	18 50	3 30	15 40	1 58
S 16	18 46	20 53	1 40	23 49	1 59	10 45	1 33	23 59	1 4	17 19	0 51	20 10	1 59	19 29	0 13	22 16	1 9	13 36	9 31	19 6	18 50	3 32	15 42	1 58
S 17	19 1	19 57	0 33	24 6	2 3	11 12	1 32	24 0	1 7	17 22	0 51	20 10	1 59	19 30	0 13	22 16	1 9	13 36	9 31	19 6	18 51	3 34	15 44	1 58
M18	19 15	17 56	0s36	24 22	2 7	11 38	1 31	24 2	1 10	17 26	0 51	20 9	1 59	19 31	0 13	22 16	1 9	13 35	9 31	19 6	18 52	3 36	15 46	1 58
T 19	19 29	14 54	1 45	24 37	2 11	12 4	1 30	24 3	1 13	17 29	0 51	20 8	1 59	19 31	0 13	22 16	1 9	13 35	9 31	19 6	18 53	3 39	15 48	1 59
W20	19 43	10 59	2 50	24 51	2 15	12 29	1 29	24 5	1 16	17 32	0 51	20 8	1 58	19 32	0 13	22 16	1 9	13 35	9 31	19 6	18 54	3 41	15 50	1 59
T 21	19 56	6 22	3 47	25 3	2 18	12 54	1 28	24 6	1 19	17 36	0 51	20 7	1 58	19 33	0 13	22 17	1 9	13 35	9 31	19 7	18 54	3 43	15 52	1 59
F 22	20 9	1 17	4 30	25 14	2 21	13 19	1 27	24 7	1 22	17 39	0 51	20 7	1 58	19 34	0 13	22 17	1 9	13 35	9 31	19 8	18 55	3 46	15 53	2 0
S 23	20 22	3n58	4 57	25 23	2 23	13 44	1 26	24 8	1 25	17 43	0 51	20 6	1 58	19 35	0 12	22 17	1 8	13 35	9 31	19 10	18 56	3 48	15 55	2 0
S 24	20 34	9 3	5 3	25 32	2 25	14 8	1 24	24 8	1 28	17 46	0 51	20 5	1 58	19 36	0 12	22 17	1 8	13 35	9 31	19 12	18 57	3 50	15 57	2 0
M25	20 46	13 36	4 49	25 39	2 27	14 32	1 23	24 9	1 31	17 49	0 51	20 5	1 58	19 36	0 12	22 17	1 8	13 35	9 31	19 14	18 57	3 52	15 59	2 0
T 26	20 57	17 15	4 15	25 44	2 28	14 55	1 21	24 9	1 34	17 52	0 51	20 4	1 58	19 37	0 12	22 17	1 8	13 35	9 31	19 16	18 58	3 55	16 1	2 1
W27	21 8	19 45	3 25	25 48	2 29	15 19	1 20	24 10	1 37	17 56	0 51	20 3	1 58	19 38	0 12	22 17	1 8	13 35	9 31	19 18	18 59	3 57	16 3	2 1
T 28	21 19	20 55	2 23	25 51	2 29	15 41	1 18	24 10	1 40	17 59	0 51	20 3	1 58	19 39	0 12	22 17	1 8	13 34	9 31	19 19	19 0	3 59	16 4	2 1
F 29	21 29	20 46	1 14	25 52	2 29	16 4	1 17	24 10	1 43	18 2	0 51	20 2	1 58	19 40	0 12	22 17	1 8	13 34	9 31	19 20	19 0	4 2	16 6	2 2
S 30	21s39	19n25	0s 3	25s52	2s28	16s26	1n15	24n10	1n46	18s 5	0n50	20n 1	1s58	19s41	0n12	22s17	1n 8	13n34	9s31	19n20	19n 1	4s 4	16s 8	2n 2

Julian Day Number = 2505905.5, Delta T = 120.87 sec
Ecliptic obliquity = 23°25'06, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°49'12, Lahiri = 25°56'12

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2148
geocentric

DECEMBER 2148 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 41 14	9♐11'42	15♌57	0♑ 7	20♏55	13°R19	24♏50	10°R12	28♏53	0♑51	20°R22	3♌34	4♌52	22♎34	21♏32	S 1
M 2	4 45 11	10°12'28	28°29	1°17	22°10	12♊56	25° 3	10♊ 7	28°56	0°53	20♊21	3°35	4°49	22°41	21°40	M 2
T 3	4 49 8	11°13'15	10♍43	2°25	23°25	12°33	25°16	10° 2	29° 0	0°55	20°20	3°R36	4°45	22°48	21°48	T 3
W 4	4 53 4	12°14'04	22°45	3°29	24°40	12°10	25°29	9°57	29° 4	0°57	20°19	3°35	4°42	22°54	21°56	W 4
T 5	4 57 1	13°14'54	4♎38	4°30	25°56	11°47	25°42	9°52	29° 7	0°59	20°18	3°33	4°39	23° 1	22° 4	T 5
F 6	5 0 57	14°15'46	16°29	5°27	27°11	11°25	25°55	9°47	29°11	1° 2	20°17	3°28	4°36	23° 8	22°12	F 6
S 7	5 4 54	15°16'39	28°21	6°18	28°26	11° 2	26° 8	9°42	29°15	1° 4	20°15	3°21	4°33	23°15	22°20	S 7
S 8	5 8 50	16°17'33	10♏18	7° 4	29°42	10°40	26°21	9°38	29°18	1° 6	20°14	3°12	4°30	23°21	22°27	S 8
M 9	5 12 47	17°18'29	22°22	7°44	0♐57	10°19	26°34	9°33	29°22	1° 8	20°13	3° 3	4°26	23°28	22°35	M 9
T 10	5 16 43	18°19'25	4♐35	8°17	2°12	9°57	26°46	9°28	29°26	1°10	20°12	2°54	4°23	23°35	22°43	T 10
W11	5 20 40	19°20'23	16°58	8°41	3°27	9°36	26°59	9°23	29°29	1°13	20°11	2°46	4°20	23°41	22°51	W11
T 12	5 24 37	20°21'21	29°33	8°58	4°43	9°16	27°12	9°18	29°33	1°15	20°10	2°40	4°17	23°48	22°58	T 12
F 13	5 28 33	21°22'21	12♑18	9°R 4	5°58	8°56	27°25	9°13	29°36	1°17	20° 8	2°36	4°14	23°55	23° 6	F 13
S 14	5 32 30	22°23'21	25°15	9° 0	7°14	8°36	27°37	9° 9	29°40	1°19	20° 7	2°34	4°10	24° 2	23°13	S 14
S 15	5 36 26	23°24'22	8♒24	8°45	8°29	8°17	27°50	9° 4	29°43	1°22	20° 6	2°D34	4° 7	24° 8	23°21	S 15
M16	5 40 23	24°25'24	21°45	8°18	9°44	7°59	28° 2	8°59	29°47	1°24	20° 5	2°35	4° 4	24°15	23°29	M16
T 17	5 44 19	25°26'26	5♓18	7°40	11° 0	7°41	28°15	8°55	29°50	1°26	20° 4	2°36	4° 1	24°22	23°36	T 17
W18	5 48 16	26°27'28	19° 5	6°51	12°15	7°24	28°27	8°50	29°54	1°28	20° 3	2°37	3°58	24°29	23°43	W18
T 19	5 52 12	27°28'31	3♈ 6	5°51	13°30	7° 8	28°40	8°45	29°57	1°31	20° 1	2°R38	3°55	24°35	23°51	T 19
F 20	5 56 9	28°29'34	17°20	4°43	14°46	6°53	28°52	8°41	0♐ 0	1°33	20° 0	2°36	3°51	24°42	23°58	F 20
S 21	6 0 6	29°30'37	1♉45	3°27	16° 1	6°38	29° 5	8°37	0° 4	1°35	19°59	2°33	3°48	24°49	24° 5	S 21
S 22	6 4 2	0♑31'41	16°18	2° 6	17°17	6°24	29°17	8°32	0° 7	1°37	19°58	2°29	3°45	24°55	24°13	S 22
M23	6 7 59	1°32'45	0♊52	0°43	18°32	6°10	29°29	8°28	0°11	1°40	19°57	2°24	3°42	25° 2	24°20	M23
T 24	6 11 55	2°33'49	15°21	29♐21	19°47	5°58	29°41	8°24	0°14	1°42	19°56	2°19	3°39	25° 9	24°27	T 24
W25	6 15 52	3°34'54	29°40	28° 2	21° 3	5°46	29°53	8°19	0°17	1°44	19°55	2°16	3°36	25°16	24°34	W25
T 26	6 19 48	4°35'59	13♋43	26°50	22°18	5°35	0♐ 6	8°15	0°20	1°47	19°54	2°13	3°32	25°22	24°41	T 26
F 27	6 23 45	5°37'05	27°24	25°45	23°34	5°25	0°18	8°11	0°24	1°49	19°52	2°D12	3°29	25°29	24°48	F 27
S 28	6 27 42	6°38'11	10♌44	24°49	24°49	5°16	0°29	8° 7	0°27	1°51	19°51	2°12	3°26	25°36	24°55	S 28
S 29	6 31 38	7°39'18	23°40	24° 3	26° 4	5° 7	0°41	8° 3	0°30	1°53	19°50	2°13	3°23	25°43	25° 2	S 29
M30	6 35 35	8°40'25	6♍17	23°28	27°20	4°59	0°53	7°59	0°33	1°56	19°49	2°15	3°20	25°49	25° 8	M30
T 31	6 39 31	9♑41'32	18♍35	23♐ 4	28♐35	4♊52	1♐ 5	7♊55	0♐36	1♑58	19♊48	2♌16	3♌16	25♎56	25♏15	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s49	17n 6	1n 6	25s51	2s26	16s47	1n13	24n10	1n48	18s 9	0n50	20n 1	1s58	19s41	0n12	22s17	1n 8	13n34	9s31	19n20	19n 2	4s 6	16s10	2n 2
M 2	21 58	14 1	2 10	25 48	2 24	17 8	1 12	24 10	1 51	18 12	0 50	20 0	1 58	19 42	0 12	22 17	1 8	13 34	9 31	19 20	19 3	4 8	16 11	2 3
T 3	22 6	10 24	3 6	25 44	2 20	17 29	1 10	24 9	1 53	18 15	0 50	20 0	1 58	19 43	0 12	22 17	1 8	13 34	9 31	19 20	19 3	4 11	16 13	2 3
W 4	22 14	6 26	3 53	25 39	2 16	17 49	1 8	24 9	1 56	18 18	0 50	19 59	1 58	19 44	0 12	22 17	1 8	13 34	9 31	19 20	19 4	4 13	16 15	2 3
T 5	22 22	2 17	4 29	25 32	2 12	18 9	1 6	24 8	1 58	18 21	0 50	19 58	1 58	19 45	0 12	22 17	1 8	13 34	9 31	19 21	19 5	4 15	16 17	2 4
F 6	22 29	1s57	4 54	25 24	2 6	18 28	1 4	24 7	2 1	18 24	0 50	19 58	1 58	19 45	0 12	22 17	1 8	13 34	9 31	19 22	19 6	4 18	16 18	2 4
S 7	22 36	6 7	5 6	25 15	1 59	18 47	1 2	24 7	2 3	18 27	0 50	19 57	1 57	19 46	0 12	22 17	1 8	13 34	9 31	19 23	19 7	4 20	16 20	2 4
S 8	22 43	10 4	5 5	25 4	1 51	19 5	1 0	24 6	2 5	18 30	0 50	19 56	1 57	19 47	0 12	22 17	1 8	13 34	9 31	19 25	19 7	4 22	16 21	2 5
M 9	22 49	13 40	4 50	24 53	1 42	19 23	0 58	24 5	2 7	18 33	0 50	19 56	1 57	19 48	0 12	22 17	1 8	13 34	9 31	19 28	19 8	4 24	16 23	2 5
T 10	22 54	16 44	4 22	24 41	1 31	19 40	0 56	24 4	2 10	18 36	0 50	19 55	1 57	19 49	0 12	22 17	1 8	13 34	9 31	19 30	19 9	4 27	16 25	2 5
W11	22 59	19 7	3 41	24 27	1 20	19 56	0 54	24 2	2 12	18 39	0 50	19 55	1 57	19 49	0 12	22 17	1 8	13 34	9 31	19 31	19 10	4 29	16 26	2 6
T 12	23 4	20 36	2 49	24 13	1 7	20 13	0 52	24 1	2 13	18 42	0 50	19 54	1 57	19 50	0 12	22 17	1 8	13 34	9 31	19 33	19 10	4 31	16 28	2 6
F 13	23 8	21 4	1 48	23 59	0 52	20 28	0 50	24 0	2 15	18 45	0 50	19 53	1 57	19 51	0 12	22 17	1 8	13 34	9 31	19 34	19 11	4 34	16 29	2 7
S 14	23 12	20 25	0 40	23 43	0 36	20 43	0 48	23 58	2 17	18 48	0 50	19 53	1 57	19 52	0 12	22 17	1 8	13 34	9 31	19 34	19 12	4 36	16 31	2 7
S 15	23 15	18 40	0s32	23 27	0 19	20 57	0 45	23 57	2 19	18 51	0 50	19 52	1 56	19 52	0 12	22 17	1 8	13 34	9 31	19 34	19 13	4 38	16 32	2 7
M16	23 18	15 52	1 42	23 11	0 1	21 11	0 43	23 56	2 20	18 53	0 50	19 52	1 56	19 53	0 12	22 17	1 8	13 33	9 31	19 34	19 13	4 41	16 34	2 8
T 17	23 20	12 10	2 49	22 54	0n18	21 24	0 41	23 54	2 22	18 56	0 50	19 51	1 56	19 54	0 12	22 17	1 8	13 33	9 31	19 34	19 14	4 43	16 35	2 8
W18	23 22	7 47	3 46	22 37	0 38	21 36	0 38	23 53	2 23	18 59	0 50	19 51	1 56	19 55	0 12	22 17	1 8	13 33	9 31	19 33	19 15	4 45	16 37	2 8
T 19	23 24	2 55	4 32	22 20	0 58	21 48	0 36	23 52	2 25	19 2	0 50	19 50	1 56	19 55	0 12	22 17	1 8	13 33	9 31	19 33	19 16	4 47	16 38	2 9
F 20	23 25	2n10	5 1	22 3	1 18	21 59	0 34	23 50	2 26	19 4	0 50	19 50	1 56	19 56	0 12	22 17	1 8	13 33	9 31	19 34	19 16	4 50	16 40	2 9
S 21	23 25	7 12	5 12	21 46	1 37	22 10	0 31	23 49	2 27	19 7	0 50	19 49	1 56	19 57	0 12	22 17	1 8	13 33	9 31	19 34	19 17	4 52	16 41	2 10
S 22	23 25	11 51	5 3	21 29	1 55	22 20	0 29	23 48	2 28	19 10	0 50	19 48	1 55	19 57	0 12	22 17	1 8	13 33	9 30	19 35	19 18	4 54	16 42	2 10
M23	23 25	15 50	4 34	21 13	2 12	22 29	0 27	23 46	2 29	19 12	0 50	19 48	1 55	19 58	0 12	22 17	1 8	13 33	9 30	19 36	19 19	4 57	16 44	2 10
T 24	23 24	18 50	3 49	20 58	2 27	22 37	0 24	23 45	2 30	19 15	0 50	19 47	1 55	19 59	0 12	22 16	1 8	13 33	9 30	19 37	19 19	4 59	16 45	2 11
W25	23 22	20 36	2 49	20 45	2 39	22 45	0 22	23 44	2 31	19 17	0 50	19 47	1 55	20 0	0 12	22 16	1 8	13 33	9 30	19 38	19 20	5 1	16 46	2 11
T 26	23 20	21 4	1 40	20 34	2 49	22 52	0 19	23 43	2 32	19 20	0 50	19 47	1 55	20 0	0 12	22 16	1 8	13 33	9 30	19 39	19 21	5 3	16 48	2 12
F 27	23 18	20 14	0 26	20 24	2 57	22 59	0 17	23 42	2 33	19 22	0 50	19 46	1 55	20 1	0 12	22 16	1 8	13 33	9 30	19 39	19 21	5 6	16 49	2 12
S 28	23 15	18 17	0n47	20 17	3 2	23 5	0 14	23 41	2 34	19 25	0 50	19 46	1 54	20 2	0 12	22 16	1 8	13 33	9 30	19 39	19 22	5 8	16 50	2 12
S 29	23 12	15 26	1 55	20 12	3 5	23 10	0 12	23 40	2 34	19 27	0 50	19 45	1 54	20 2	0 12	22 16	1 8	13 34	9 30	19 39	19 23	5 10	16 51	2 13
M30	23 8	11 56	2 57	20 10	3 6	23 14	0 10	23 39	2 35	19 30	0 50	19 45	1 54	20 3	0 12	22 16	1 8	13 34	9 30	19 39	19 24	5 13	16 53	2 13
T 31	23s 4	8n 1	3n48	20s 9	3n 5	23s18	0n 7	23n38	2n36	19s32	0n50	19n44	1s54	20s 4	0n12	22s16	1n 8	13n34	9s30	19n38	19n24	5s15	16s54	2n14

Julian Day Number = 2505935.5, Delta T = 120.92 sec
Ecliptic obliquity = 23°25'06, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°49'16, Lahiri = 25°56'17

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ASTRODIENST EPHEMERIS for the year 2149
geocentric

JANUARY 2149 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 43 28	10♑42'40	0♎40	22°R49	29♐51	4°R46	1♐17	7°R52	0♐39	2♑ 0	19°R47	2♌18	3♌13	26♎ 3	25♏22	W 1
T 2	6 47 24	11°43'48	12°36	22°D45	1♑ 6	4♊41	1°28	7♊48	0°42	2° 2	19♊46	2°R18	3°10	26° 9	25°28	T 2
F 3	6 51 21	12°44'57	24°28	22♐50	2°22	4°37	1°40	7°44	0°45	2° 5	19°45	2°17	3° 7	26°16	25°35	F 3
S 4	6 55 17	13°46'06	6♏21	23° 4	3°37	4°33	1°51	7°41	0°48	2° 7	19°44	2°16	3° 4	26°23	25°41	S 4
S 5	6 59 14	14°47'16	18°20	23°25	4°53	4°30	2° 3	7°37	0°51	2° 9	19°43	2°14	3° 1	26°30	25°48	S 5
M 6	7 3 10	15°48'26	0♐27	23°54	6° 8	4°28	2°14	7°34	0°54	2°11	19°42	2°11	2°57	26°36	25°54	M 6
T 7	7 7 7	16°49'36	12°47	24°28	7°23	4°27	2°25	7°31	0°57	2°14	19°41	2° 9	2°54	26°43	26° 0	T 7
W 8	7 11 4	17°50'46	25°21	25° 9	8°39	4°D27	2°37	7°28	1° 0	2°16	19°40	2° 6	2°51	26°50	26° 7	W 8
T 9	7 15 0	18°51'56	8♑11	25°54	9°54	4°27	2°48	7°25	1° 3	2°18	19°39	2° 5	2°48	26°56	26°13	T 9
F 10	7 18 57	19°53'06	21°17	26°45	11°10	4°28	2°59	7°22	1° 6	2°20	19°38	2° 4	2°45	27° 3	26°19	F 10
S 11	7 22 53	20°54'16	4♒38	27°39	12°25	4°30	3°10	7°19	1° 8	2°22	19°37	2°D 4	2°42	27°10	26°25	S 11
S 12	7 26 50	21°55'25	18°12	28°37	13°41	4°33	3°20	7°16	1°11	2°25	19°36	2° 4	2°38	27°17	26°31	S 12
M13	7 30 46	22°56'34	1♓59	29°38	14°56	4°36	3°31	7°13	1°14	2°27	19°35	2° 5	2°35	27°23	26°37	M13
T 14	7 34 43	23°57'43	15°55	0♑42	16°12	4°40	3°42	7°11	1°16	2°29	19°34	2° 6	2°32	27°30	26°42	T 14
W15	7 38 40	24°58'51	29°58	1°48	17°27	4°45	3°52	7° 8	1°19	2°31	19°33	2° 6	2°29	27°37	26°48	W15
T 16	7 42 36	25°59'58	14♈ 6	2°57	18°43	4°51	4° 3	7° 6	1°21	2°33	19°32	2° 7	2°26	27°44	26°54	T 16
F 17	7 46 33	27° 1'05	28°17	4° 8	19°58	4°57	4°13	7° 3	1°24	2°35	19°31	2°R 7	2°22	27°50	26°59	F 17
S 18	7 50 29	28° 2'11	12♉28	5°21	21°13	5° 4	4°24	7° 1	1°26	2°37	19°30	2° 7	2°19	27°57	27° 5	S 18
S 19	7 54 26	29° 3'16	26°38	6°36	22°29	5°12	4°34	6°59	1°29	2°39	19°29	2° 6	2°16	28° 4	27°10	S 19
M20	7 58 22	0♒ 4'21	10♊44	7°52	23°44	5°20	4°44	6°57	1°31	2°41	19°28	2° 6	2°13	28°10	27°15	M20
T 21	8 2 19	1° 5'24	24°43	9°10	25° 0	5°29	4°54	6°55	1°34	2°44	19°28	2° 6	2°10	28°17	27°20	T 21
W22	8 6 15	2° 6'27	8♋32	10°29	26°15	5°38	5° 4	6°54	1°36	2°46	19°27	2°D 6	2° 7	28°24	27°26	W22
T 23	8 10 12	3° 7'30	22° 9	11°49	27°30	5°48	5°14	6°52	1°38	2°48	19°26	2° 6	2° 3	28°31	27°31	T 23
F 24	8 14 9	4° 8'31	5♌31	13°10	28°46	5°59	5°23	6°50	1°40	2°50	19°25	2°R 6	2° 0	28°37	27°35	F 24
S 25	8 18 5	5° 9'32	18°37	14°33	0♒ 1	6°11	5°33	6°49	1°42	2°52	19°24	2° 6	1°57	28°44	27°40	S 25
S 26	8 22 2	6°10'32	1♍27	15°56	1°17	6°22	5°42	6°48	1°45	2°54	19°24	2° 6	1°54	28°51	27°45	S 26
M27	8 25 58	7°11'31	14° 0	17°21	2°32	6°35	5°52	6°46	1°47	2°56	19°23	2° 5	1°51	28°57	27°50	M27
T 28	8 29 55	8°12'30	26°18	18°46	3°47	6°48	6° 1	6°45	1°49	2°58	19°22	2° 4	1°48	29° 4	27°54	T 28
W29	8 33 51	9°13'28	8♎25	20°12	5° 3	7° 1	6°10	6°44	1°51	2°59	19°22	2° 3	1°44	29°11	27°59	W29
T 30	8 37 48	10°14'26	20°22	21°39	6°18	7°16	6°19	6°43	1°53	3° 1	19°21	2° 3	1°41	29°18	28° 3	T 30
F 31	8 41 44	11♒15'22	2♏15	23♑ 7	7♒33	7♊30	6♐28	6♊43	1♐54	3♑ 3	19♊20	2♌ 2	1♌38	29♎24	28♏ 8	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22s59	3n51	4n29	20s11	3n 3	23s20	0n 5	23n38	2n36	19s34	0n50	19n44	1s54	20s 4	0n12	22s16	1n 8	13n34	9s29	19n38	19n25	5s17	16s55	2n14	W 1
T 2	22 54	0s25	4 57	20 15	2 59	23 23	0 2	23 37	2 37	19 37	0 50	19 44	1 53	20 5	0 12	22 16	1 8	13 34	9 29	19 38	19 26	5 20	16 56	2 14	T 2
F 3	22 48	4 38	5 12	20 20	2 54	23 24	0s 0	23 37	2 37	19 39	0 50	19 43	1 53	20 5	0 12	22 16	1 8	13 34	9 29	19 38	19 27	5 22	16 57	2 15	F 3
S 4	22 42	8 40	5 14	20 27	2 47	23 25	0 3	23 36	2 37	19 41	0 51	19 43	1 53	20 6	0 12	22 16	1 8	13 34	9 29	19 38	19 27	5 24	16 58	2 15	S 4
S 5	22 36	12 25	5 3	20 35	2 41	23 25	0 5	23 36	2 38	19 44	0 51	19 43	1 53	20 7	0 12	22 16	1 8	13 34	9 29	19 39	19 28	5 26	16 59	2 16	S 5
M 6	22 29	15 42	4 38	20 44	2 33	23 24	0 8	23 36	2 38	19 46	0 51	19 42	1 52	20 7	0 12	22 16	1 8	13 34	9 29	19 39	19 29	5 29	17 0	2 16	M 6
T 7	22 22	18 21	4 0	20 53	2 25	23 23	0 10	23 36	2 38	19 48	0 51	19 42	1 52	20 8	0 12	22 16	1 8	13 34	9 29	19 40	19 30	5 31	17 1	2 17	T 7
W 8	22 14	20 11	3 9	21 3	2 17	23 21	0 12	23 36	2 38	19 50	0 51	19 42	1 52	20 8	0 12	22 16	1 8	13 34	9 29	19 40	19 30	5 33	17 2	2 17	W 8
T 9	22 5	21 2	2 8	21 14	2 8	23 18	0 15	23 36	2 38	19 52	0 51	19 41	1 52	20 9	0 12	22 16	1 8	13 34	9 28	19 41	19 31	5 36	17 3	2 18	T 9
F 10	21 57	20 46	0 59	21 24	1 59	23 14	0 17	23 37	2 38	19 54	0 51	19 41	1 52	20 10	0 12	22 16	1 8	13 34	9 28	19 41	19 32	5 38	17 4	2 18	F 10
S 11	21 48	19 19	0s14	21 34	1 50	23 10	0 20	23 37	2 38	19 56	0 51	19 41	1 51	20 10	0 12	22 16	1 8	13 34	9 28	19 41	19 32	5 40	17 5	2 19	S 11
S 12	21 38	16 46	1 28	21 44	1 40	23 5	0 22	23 37	2 38	19 58	0 51	19 41	1 51	20 11	0 12	22 16	1 8	13 34	9 28	19 41	19 33	5 43	17 6	2 19	S 12
M13	21 28	13 13	2 38	21 54	1 31	22 59	0 24	23 38	2 38	20 0	0 51	19 40	1 51	20 11	0 12	22 16	1 8	13 34	9 28	19 41	19 34	5 45	17 7	2 19	M13
T 14	21 18	8 56	3 40	22 3	1 22	22 53	0 27	23 39	2 38	20 2	0 51	19 40	1 51	20 12	0 12	22 16	1 8	13 35	9 28	19 41	19 35	5 47	17 8	2 20	T 14
W15	21 7	4 7	4 29	22 12	1 13	22 46	0 29	23 40	2 38	20 4	0 51	19 40	1 50	20 12	0 12	22 16	1 8	13 35	9 27	19 40	19 35	5 49	17 9	2 20	W15
T 16	20 56	0n55	5 2	22 20	1 3	22 38	0 31	23 41	2 38	20 6	0 51	19 40	1 50	20 13	0 12	22 16	1 8	13 35	9 27	19 40	19 36	5 52	17 10	2 21	T 16
F 17	20 44	5 55	5 16	22 27	0 54	22 29	0 33	23 42	2 38	20 8	0 51	19 40	1 50	20 13	0 12	22 16	1 8	13 35	9 27	19 40	19 37	5 54	17 10	2 21	F 17
S 18	20 32	10 37	5 12	22 33	0 45	22 20	0 36	23 43	2 38	20 10	0 51	19 40	1 50	20 14	0 12	22 16	1 8	13 35	9 27	19 40	19 38	5 56	17 11	2 22	S 18
S 19	20 20	14 42	4 49	22 39	0 36	22 10	0 38	23 44	2 38	20 12	0 51	19 40	1 49	20 14	0 12	22 16	1 8	13 35	9 27	19 40	19 38	5 59	17 12	2 22	S 19
M20	20 7	17 57	4 8	22 44	0 28	21 59	0 40	23 45	2 37	20 14	0 51	19 39	1 49	20 15	0 12	22 15	1 8	13 35	9 27	19 40	19 39	6 1	17 13	2 23	M20
T 21	19 54	20 6	3 13	22 47	0 19	21 48	0 42	23 46	2 37	20 15	0 51	19 39	1 49	20 15	0 12	22 15	1 8	13 35	9 26	19 40	19 40	6 3	17 13	2 23	T 21
W22	19 40	21 2	2 7	22 50	0 11	21 36	0 44	23 48	2 37	20 17	0 51	19 39	1 49	20 16	0 12	22 15	1 8	13 35	9 26	19 40	19 40	6 6	17 14	2 24	W22
T 23	19 27	20 42	0 55	22 51	0 2	21 24	0 46	23 49	2 37	20 19	0 51	19 39	1 48	20 16	0 12	22 15	1 8	13 36	9 26	19 40	19 41	6 8	17 15	2 24	T 23
F 24	19 12	19 11	0n19	22 52	0s 6	21 10	0 48	23 51	2 36	20 20	0 51	19 39	1 48	20 17	0 12	22 15	1 8	13 36	9 26	19 40	19 42	6 10	17 15	2 25	F 24
S 25	18 58	16 40	1 30	22 51	0 14	20 57	0 50	23 53	2 36	20 22	0 51	19 39	1 48	20 17	0 12	22 15	1 8	13 36	9 26	19 41	19 42	6 12	17 16	2 25	S 25
S 26	18 43	13 22	2 36	22 49	0 21	20 42	0 52	23 55	2 36	20 24	0 51	19 39	1 48	20 18	0 12	22 15	1 8	13 36	9 26	19 41	19 43	6 15	17 16	2 26	S 26
M27	18 27	9 33	3 32	22 46	0 29	20 27	0 54	23 56	2 35	20 25	0 51	19 39	1 47	20 18	0 12	22 15	1 8	13 36	9 25	19 41	19 44	6 17	17 17	2 26	M27
T 28	18 12	5 24	4 17	22 42	0 36	20 11	0 56	23 58	2 35	20 27	0 52	19 39	1 47	20 18	0 12	22 15	1 8	13 36	9 25	19 41	19 45	6 19	17 17	2 27	T 28
W29	17 56	1 7	4 50	22 37	0 43	19 55	0 57	24 0	2 35	20 28	0 52	19 40	1 47	20 19	0 12	22 15	1 8	13 36	9 25	19 41	19 45	6 22	17 18	2 27	W29
T 30	17 40	3s10	5 10	22 30	0 50	19 38	0 59	24 2	2 34	20 30	0 52	19 40	1 47	20 19	0 12	22 15	1 8	13 36	9 25	19 41	19 46	6 24	17 18	2 28	T 30
F 31	17s23	7s17	5n17	22s22	0s57	19s21	1s 1	24n 4	2n34	20s31	0n52	19n40	1s46	20s19	0n12	22s15	1n 8	13n37	9s24	19n41	19n47	6s26	17s19	2n28	F 31

Julian Day Number = 2505966.5, Delta T = 120.98 sec
Ecliptic obliquity = 23°25'06, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°49'20, Lahiri = 25°56'21

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ASTRODIENST EPHEMERIS for the year 2149
geocentric

FEBRUARY 2149 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 45 41	12♒16'19	14♏ 8	24♑36	8♒49	7♊45	6♐37	6°R42	1♐56	3♑ 5	19°R20	2°D 2	1♌35	29♎31	28♏12	S 1
S 2	8 49 38	13°17'14	26° 6	26° 5	10° 4	8° 1	6°46	6♊41	1°58	3° 7	19♊19	2♌ 2	1°32	29°38	28°16	S 2
M 3	8 53 34	14°18'09	8♐13	27°35	11°20	8°17	6°54	6°41	2° 0	3° 9	19°18	2° 3	1°28	29°45	28°20	M 3
T 4	8 57 31	15°19'03	20°34	29° 6	12°35	8°33	7° 3	6°41	2° 1	3°11	19°18	2° 4	1°25	29°51	28°24	T 4
W 5	9 1 27	16°19'56	3♑12	0♒38	13°50	8°50	7°11	6°40	2° 3	3°12	19°17	2° 5	1°22	29°58	28°28	W 5
T 6	9 5 24	17°20'49	16°10	2°10	15° 6	9° 8	7°19	6°D40	2° 5	3°14	19°17	2° 7	1°19	0♏ 5	28°31	T 6
F 7	9 9 20	18°21'40	29°30	3°44	16°21	9°26	7°27	6°40	2° 6	3°16	19°16	2°R 7	1°16	0°11	28°35	F 7
S 8	9 13 17	19°22'31	13♒12	5°17	17°36	9°44	7°35	6°40	2° 8	3°18	19°16	2° 7	1°13	0°18	28°39	S 8
S 9	9 17 13	20°23'20	27°12	6°52	18°51	10° 3	7°43	6°41	2° 9	3°19	19°15	2° 6	1° 9	0°25	28°42	S 9
M10	9 21 10	21°24'08	11♓28	8°28	20° 7	10°22	7°51	6°41	2°11	3°21	19°15	2° 3	1° 6	0°32	28°45	M10
T 11	9 25 7	22°24'54	25°54	10° 4	21°22	10°41	7°58	6°41	2°12	3°23	19°14	2° 1	1° 3	0°38	28°48	T 11
W12	9 29 3	23°25'39	10♈25	11°41	22°37	11° 1	8° 6	6°42	2°13	3°24	19°14	1°58	1° 0	0°45	28°52	W12
T 13	9 33 0	24°26'23	24°53	13°19	23°53	11°21	8°13	6°43	2°14	3°26	19°13	1°55	0°57	0°52	28°55	T 13
F 14	9 36 56	25°27'04	9♉16	14°57	25° 8	11°42	8°20	6°43	2°16	3°27	19°13	1°53	0°54	0°59	28°57	F 14
S 15	9 40 53	26°27'45	23°29	16°37	26°23	12° 3	8°27	6°44	2°17	3°29	19°12	1°D52	0°50	1° 5	29° 0	S 15
S 16	9 44 49	27°28'23	7♊30	18°17	27°38	12°25	8°34	6°45	2°18	3°31	19°12	1°53	0°47	1°12	29° 3	S 16
M17	9 48 46	28°29'00	21°18	19°58	28°53	12°46	8°40	6°47	2°19	3°32	19°12	1°54	0°44	1°19	29° 6	M17
T 18	9 52 42	29°29'35	4♋53	21°40	0♓ 9	13° 8	8°47	6°48	2°20	3°34	19°11	1°55	0°41	1°25	29° 8	T 18
W19	9 56 39	0♓30'09	18°15	23°23	1°24	13°31	8°53	6°49	2°21	3°35	19°11	1°57	0°38	1°32	29°10	W19
T 20	10 0 36	1°30'41	1♌25	25° 7	2°39	13°53	8°59	6°51	2°21	3°36	19°11	1°R57	0°34	1°39	29°13	T 20
F 21	10 4 32	2°31'11	14°23	26°51	3°54	14°16	9° 5	6°52	2°22	3°38	19°11	1°57	0°31	1°46	29°15	F 21
S 22	10 8 29	3°31'39	27° 9	28°37	5° 9	14°40	9°11	6°54	2°23	3°39	19°10	1°54	0°28	1°52	29°17	S 22
S 23	10 12 25	4°32'06	9♍44	0♓23	6°24	15° 3	9°17	6°56	2°24	3°41	19°10	1°50	0°25	1°59	29°19	S 23
M24	10 16 22	5°32'31	22° 7	2°11	7°39	15°27	9°23	6°58	2°24	3°42	19°10	1°45	0°22	2° 6	29°21	M24
T 25	10 20 18	6°32'55	4♎20	3°59	8°54	15°51	9°28	7° 0	2°25	3°43	19°10	1°39	0°19	2°12	29°22	T 25
W26	10 24 15	7°33'17	16°24	5°49	10°10	16°16	9°33	7° 2	2°25	3°44	19°10	1°32	0°15	2°19	29°24	W26
T 27	10 28 11	8°33'38	28°21	7°39	11°25	16°40	9°39	7° 4	2°26	3°46	19°10	1°26	0°12	2°26	29°26	T 27
F 28	10 32 8	9♓33'57	10♏13	9♓30	12♓40	17♊ 5	9♐44	7♊ 6	2♐26	3♑47	19♊10	1♌20	0♌ 9	2♏33	29♏27	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 6	11s 8	5n10	22s13	1s 3	19s 3	1s 3	24n 6	2n33	20s33	0n52	19n40	1s46	20s20	0n12	22s15	1n 8	13n37	9s24	19n41	19n47	6s29	17s19	2n29
S 2	16 49	14 34	4 49	22 3	1 9	18 44	1 4	24 8	2 33	20 34	0 52	19 40	1 46	20 20	0 12	22 15	1 8	13 37	9 24	19 41	19 48	6 31	17 20	2 29
M 3	16 31	17 27	4 16	21 51	1 15	18 25	1 6	24 11	2 32	20 35	0 52	19 40	1 46	20 21	0 12	22 15	1 8	13 37	9 24	19 41	19 49	6 33	17 20	2 30
T 4	16 14	19 35	3 30	21 38	1 21	18 6	1 7	24 13	2 32	20 37	0 52	19 41	1 45	20 21	0 12	22 15	1 8	13 37	9 24	19 41	19 50	6 35	17 20	2 31
W 5	15 56	20 50	2 33	21 24	1 26	17 45	1 9	24 15	2 31	20 38	0 52	19 41	1 45	20 21	0 12	22 15	1 8	13 37	9 23	19 41	19 50	6 38	17 21	2 31
T 6	15 37	21 0	1 27	21 8	1 31	17 25	1 10	24 17	2 31	20 39	0 52	19 41	1 45	20 22	0 12	22 15	1 8	13 38	9 23	19 40	19 51	6 40	17 21	2 32
F 7	15 19	20 0	0 14	20 51	1 36	17 4	1 12	24 19	2 30	20 41	0 52	19 41	1 45	20 22	0 12	22 14	1 8	13 38	9 23	19 40	19 52	6 42	17 21	2 32
S 8	15 0	17 49	1s 1	20 33	1 40	16 42	1 13	24 22	2 30	20 42	0 52	19 42	1 44	20 22	0 12	22 14	1 8	13 38	9 23	19 40	19 52	6 45	17 21	2 33
S 9	14 41	14 32	2 14	20 13	1 44	16 20	1 14	24 24	2 29	20 43	0 52	19 42	1 44	20 22	0 12	22 14	1 8	13 38	9 23	19 41	19 53	6 47	17 22	2 33
M10	14 21	10 20	3 20	19 52	1 48	15 57	1 15	24 26	2 29	20 44	0 52	19 42	1 44	20 23	0 12	22 14	1 8	13 38	9 22	19 41	19 54	6 49	17 22	2 34
T 11	14 2	5 31	4 14	19 30	1 51	15 34	1 16	24 29	2 28	20 45	0 52	19 42	1 43	20 23	0 12	22 14	1 8	13 39	9 22	19 42	19 54	6 52	17 22	2 34
W12	13 42	0 22	4 53	19 6	1 55	15 11	1 17	24 31	2 28	20 46	0 53	19 43	1 43	20 23	0 12	22 14	1 8	13 39	9 22	19 42	19 55	6 54	17 22	2 35
T 13	13 22	4n47	5 12	18 41	1 57	14 47	1 18	24 33	2 27	20 48	0 53	19 43	1 43	20 23	0 12	22 14	1 8	13 39	9 22	19 43	19 56	6 56	17 22	2 36
F 14	13 2	9 38	5 12	18 15	2 0	14 23	1 19	24 36	2 27	20 49	0 53	19 44	1 43	20 24	0 12	22 14	1 8	13 39	9 21	19 43	19 57	6 58	17 22	2 36
S 15	12 41	13 54	4 52	17 47	2 2	13 58	1 20	24 38	2 26	20 50	0 53	19 44	1 42	20 24	0 12	22 14	1 8	13 39	9 21	19 44	19 57	7 1	17 22	2 37
S 16	12 20	17 20	4 16	17 18	2 4	13 33	1 21	24 40	2 26	20 51	0 53	19 44	1 42	20 24	0 12	22 14	1 8	13 40	9 21	19 44	19 58	7 3	17 22	2 37
M17	11 59	19 44	3 25	16 47	2 5	13 8	1 22	24 43	2 25	20 52	0 53	19 45	1 42	20 24	0 12	22 14	1 8	13 40	9 21	19 43	19 59	7 5	17 22	2 38
T 18	11 38	20 57	2 23	16 15	2 6	12 42	1 23	24 45	2 25	20 52	0 53	19 45	1 42	20 24	0 12	22 14	1 8	13 40	9 20	19 43	19 59	7 8	17 22	2 38
W19	11 17	20 57	1 14	15 42	2 7	12 16	1 23	24 47	2 24	20 53	0 53	19 46	1 41	20 25	0 12	22 14	1 8	13 40	9 20	19 43	20 0	7 10	17 22	2 39
T 20	10 56	19 47	0 3	15 8	2 7	11 50	1 24	24 49	2 24	20 54	0 53	19 46	1 41	20 25	0 12	22 14	1 9	13 40	9 20	19 42	20 1	7 12	17 22	2 39
F 21	10 34	17 35	1n 8	14 32	2 6	11 23	1 24	24 52	2 23	20 55	0 53	19 47	1 41	20 25	0 12	22 14	1 9	13 41	9 20	19 43	20 1	7 15	17 22	2 40
S 22	10 12	14 32	2 13	13 54	2 6	10 56	1 25	24 54	2 23	20 56	0 53	19 47	1 41	20 25	0 12	22 14	1 9	13 41	9 20	19 43	20 2	7 17	17 22	2 41
S 23	9 50	10 52	3 12	13 16	2 4	10 29	1 25	24 56	2 22	20 57	0 53	19 48	1 40	20 25	0 12	22 13	1 9	13 41	9 19	19 44	20 3	7 19	17 22	2 41
M24	9 28	6 48	4 0	12 36	2 3	10 1	1 26	24 58	2 21	20 57	0 53	19 49	1 40	20 25	0 12	22 13	1 9	13 41	9 19	19 45	20 3	7 21	17 22	2 42
T 25	9 6	2 30	4 36	11 55	2 1	9 33	1 26	25 0	2 21	20 58	0 54	19 49	1 40	20 25	0 12	22 13	1 9	13 42	9 19	19 47	20 4	7 24	17 21	2 42
W26	8 44	1s50	5 0	11 12	1 58	9 5	1 26	25 2	2 20	20 59	0 54	19 50	1 40	20 26	0 12	22 13	1 9	13 42	9 19	19 48	20 5	7 26	17 21	2 43
T 27	8 21	6 3	5 10	10 28	1 55	8 37	1 26	25 4	2 20	21 0	0 54	19 50	1 39	20 26	0 12	22 13	1 9	13 42	9 18	19 49	20 5	7 28	17 21	2 44
F 28	7s59	10s 1	5n 7	9s43	1s51	8s 8	1s26	25n 6	2n19	21s 0	0n54	19n51	1s39	20s26	0n12	22s13	1n 9	13n42	9s18	19n51	20n 6	7s31	17s21	2n44

Julian Day Number = 2505997.5, Delta T = 121.04 sec
Ecliptic obliquity = 23°25'07, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°49'25, Lahiri = 25°56'25

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ASTRODIENST EPHEMERIS for the year 2149
geocentric

MARCH 2149 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 4	10♓34'15	22♏ 5	11♓22	13♓55	17♊30	9♐48	7♊ 9	2♐27	3♑48	19°R10	1°R17	0♌ 6	2♏39	29♏28	S 1
S 2	10 40 1	11°34'31	4♐ 1	13°15	15°10	17°56	9°53	7°12	2°27	3°49	19♊10	1♌15	0° 3	2°46	29°29	S 2
M 3	10 43 58	12°34'46	16° 5	15° 8	16°25	18°22	9°57	7°14	2°27	3°50	19°D 9	1°D14	29♋59	2°53	29°30	M 3
T 4	10 47 54	13°34'59	28°22	17° 3	17°40	18°47	10° 2	7°17	2°27	3°51	19° 9	1°15	29°56	3° 0	29°31	T 4
W 5	10 51 51	14°35'11	10♑58	18°58	18°55	19°14	10° 6	7°20	2°28	3°52	19°10	1°17	29°53	3° 6	29°32	W 5
T 6	10 55 47	15°35'22	23°56	20°53	20°10	19°40	10°10	7°23	2°28	3°53	19°10	1°18	29°50	3°13	29°33	T 6
F 7	10 59 44	16°35'30	7♒19	22°49	21°25	20° 6	10°14	7°26	2°R28	3°54	19°10	1°R18	29°47	3°20	29°34	F 7
S 8	11 3 40	17°35'38	21°10	24°45	22°39	20°33	10°17	7°29	2°28	3°55	19°10	1°16	29°44	3°26	29°34	S 8
S 9	11 7 37	18°35'43	5♓26	26°41	23°54	21° 0	10°21	7°32	2°28	3°56	19°10	1°12	29°40	3°33	29°34	S 9
M10	11 11 33	19°35'47	20° 4	28°37	25° 9	21°27	10°24	7°36	2°27	3°57	19°10	1° 6	29°37	3°40	29°35	M10
T 11	11 15 30	20°35'48	4♈56	0♈32	26°24	21°55	10°27	7°39	2°27	3°58	19°10	0°59	29°34	3°47	29°35	T 11
W12	11 19 27	21°35'48	19°55	2°27	27°39	22°22	10°30	7°43	2°27	3°59	19°10	0°51	29°31	3°53	29°R35	W12
T 13	11 23 23	22°35'46	4♉50	4°21	28°54	22°50	10°32	7°46	2°27	4° 0	19°10	0°43	29°28	4° 0	29°35	T 13
F 14	11 27 20	23°35'41	19°34	6°13	0♈ 9	23°18	10°35	7°50	2°26	4° 0	19°11	0°37	29°25	4° 7	29°35	F 14
S 15	11 31 16	24°35'35	4♊ 0	8° 3	1°23	23°46	10°37	7°54	2°26	4° 1	19°11	0°33	29°21	4°13	29°34	S 15
S 16	11 35 13	25°35'26	18° 6	9°51	2°38	24°15	10°39	7°58	2°26	4° 2	19°11	0°31	29°18	4°20	29°34	S 16
M17	11 39 9	26°35'15	1♋50	11°36	3°53	24°43	10°41	8° 2	2°25	4° 2	19°12	0°D31	29°15	4°27	29°34	M17
T 18	11 43 6	27°35'02	15°15	13°18	5° 8	25°12	10°43	8° 6	2°25	4° 3	19°12	0°32	29°12	4°34	29°33	T 18
W19	11 47 2	28°34'47	28°21	14°57	6°22	25°41	10°45	8°10	2°24	4° 4	19°12	0°R32	29° 9	4°40	29°32	W19
T 20	11 50 59	29°34'29	11♌12	16°31	7°37	26°10	10°46	8°15	2°23	4° 4	19°13	0°32	29° 5	4°47	29°31	T 20
F 21	11 54 56	0♈34'09	23°50	18° 0	8°52	26°39	10°47	8°19	2°23	4° 5	19°13	0°29	29° 2	4°54	29°31	F 21
S 22	11 58 52	1°33'47	6♍18	19°24	10° 6	27° 8	10°48	8°24	2°22	4° 5	19°13	0°24	28°59	5° 1	29°30	S 22
S 23	12 2 49	2°33'23	18°37	20°43	11°21	27°38	10°49	8°28	2°21	4° 6	19°14	0°16	28°56	5° 7	29°28	S 23
M24	12 6 45	3°32'56	0♎48	21°55	12°35	28° 7	10°50	8°33	2°20	4° 6	19°14	0° 6	28°53	5°14	29°27	M24
T 25	12 10 42	4°32'28	12°52	23° 2	13°50	28°37	10°51	8°37	2°19	4° 6	19°15	29♋54	28°50	5°21	29°26	T 25
W26	12 14 38	5°31'57	24°51	24° 1	15° 4	29° 7	10°51	8°42	2°18	4° 7	19°15	29°41	28°46	5°27	29°24	W26
T 27	12 18 35	6°31'25	6♏45	24°54	16°19	29°37	10°R51	8°47	2°17	4° 7	19°16	29°29	28°43	5°34	29°23	T 27
F 28	12 22 31	7°30'51	18°37	25°39	17°33	0♋ 7	10°51	8°52	2°16	4° 7	19°16	29°18	28°40	5°41	29°21	F 28
S 29	12 26 28	8°30'15	0♐28	26°18	18°48	0°37	10°51	8°57	2°15	4° 8	19°17	29°10	28°37	5°48	29°20	S 29
S 30	12 30 24	9°29'37	12°23	26°48	20° 2	1° 8	10°50	9° 2	2°14	4° 8	19°17	29° 4	28°34	5°54	29°18	S 30
M31	12 34 21	10♈28'58	24♐25	27♈11	21♈17	1♋38	10♐50	9♊ 8	2♐13	4♑ 8	19♊18	29♋ 0	28♋31	6♏ 1	29♏16	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s36	13s36	4n50	8s57	1s47	7s39	1s26	25n 8	2n19	21s 1	0n54	19n52	1s39	20s26	0n12	22s13	1n 9	13n43	9s18	19n51	20n 7	7s33	17s20	2n45
S 2	7 13	16 39	4 21	8 9	1 42	7 10	1 26	25 10	2 18	21 1	0 54	19 52	1 38	20 26	0 12	22 13	1 9	13 43	9 18	19 52	20 7	7 35	17 20	2 45
M 3	6 50	19 2	3 40	7 20	1 37	6 41	1 26	25 11	2 17	21 2	0 54	19 53	1 38	20 26	0 12	22 13	1 9	13 43	9 17	19 52	20 8	7 38	17 20	2 46
T 4	6 27	20 36	2 49	6 31	1 31	6 12	1 26	25 13	2 17	21 3	0 54	19 54	1 38	20 26	0 12	22 13	1 9	13 43	9 17	19 52	20 9	7 40	17 19	2 46
W 5	6 4	21 10	1 48	5 40	1 25	5 42	1 26	25 15	2 16	21 3	0 54	19 54	1 38	20 26	0 12	22 13	1 9	13 43	9 17	19 51	20 9	7 42	17 19	2 47
T 6	5 41	20 39	0 40	4 48	1 17	5 12	1 26	25 16	2 16	21 4	0 54	19 55	1 37	20 26	0 12	22 13	1 9	13 44	9 17	19 51	20 10	7 44	17 18	2 48
F 7	5 17	18 57	0s32	3 55	1 10	4 43	1 25	25 18	2 15	21 4	0 54	19 56	1 37	20 26	0 12	22 13	1 9	13 44	9 16	19 51	20 11	7 47	17 18	2 48
S 8	4 54	16 6	1 45	3 2	1 2	4 13	1 25	25 19	2 15	21 4	0 54	19 57	1 37	20 26	0 12	22 13	1 9	13 44	9 16	19 52	20 11	7 49	17 17	2 49
S 9	4 30	12 12	2 53	2 7	0 53	3 43	1 24	25 21	2 14	21 5	0 55	19 57	1 37	20 26	0 12	22 13	1 9	13 44	9 16	19 52	20 12	7 51	17 17	2 49
M10	4 7	7 29	3 52	1 13	0 43	3 12	1 24	25 22	2 13	21 5	0 55	19 58	1 37	20 26	0 12	22 13	1 9	13 45	9 16	19 54	20 13	7 54	17 16	2 50
T 11	3 43	2 15	4 36	0 18	0 33	2 42	1 23	25 23	2 13	21 6	0 55	19 59	1 36	20 26	0 12	22 13	1 9	13 45	9 15	19 55	20 13	7 56	17 16	2 51
W12	3 20	3n 8	5 1	0n37	0 23	2 12	1 23	25 24	2 12	21 6	0 55	20 0	1 36	20 26	0 12	22 13	1 9	13 45	9 15	19 57	20 14	7 58	17 15	2 51
T 13	2 56	8 19	5 6	1 33	0 12	1 41	1 22	25 25	2 12	21 6	0 55	20 1	1 36	20 26	0 12	22 12	1 9	13 46	9 15	19 59	20 15	8 1	17 15	2 52
F 14	2 32	12 57	4 50	2 27	0 0	1 11	1 21	25 26	2 11	21 6	0 55	20 2	1 36	20 26	0 12	22 12	1 9	13 46	9 15	20 0	20 15	8 3	17 14	2 52
S 15	2 9	16 44	4 16	3 22	0n11	0 40	1 20	25 27	2 11	21 7	0 55	20 2	1 35	20 26	0 12	22 12	1 9	13 46	9 14	20 1	20 16	8 5	17 14	2 53
S 16	1 45	19 27	3 27	4 16	0 24	0 10	1 19	25 27	2 10	21 7	0 55	20 3	1 35	20 26	0 12	22 12	1 9	13 46	9 14	20 1	20 17	8 7	17 13	2 54
M17	1 21	20 57	2 28	5 8	0 36	0n21	1 18	25 28	2 9	21 7	0 55	20 4	1 35	20 25	0 12	22 12	1 9	13 47	9 14	20 1	20 17	8 10	17 12	2 54
T 18	0 58	21 12	1 21	6 0	0 49	0 51	1 17	25 29	2 9	21 7	0 55	20 5	1 35	20 25	0 12	22 12	1 9	13 47	9 14	20 1	20 18	8 12	17 12	2 55
W19	0 34	20 17	0 12	6 50	1 2	1 22	1 16	25 29	2 8	21 7	0 55	20 6	1 34	20 25	0 12	22 12	1 9	13 47	9 13	20 1	20 19	8 14	17 11	2 55
T 20	0 10	18 19	0n57	7 38	1 14	1 52	1 15	25 29	2 8	21 8	0 56	20 7	1 34	20 25	0 12	22 12	1 9	13 47	9 13	20 1	20 19	8 17	17 10	2 56
F 21	0n14	15 28	2 1	8 24	1 27	2 23	1 14	25 30	2 7	21 8	0 56	20 8	1 34	20 25	0 12	22 12	1 9	13 48	9 13	20 2	20 20	8 19	17 9	2 56
S 22	0 37	11 57	2 59	9 8	1 40	2 53	1 12	25 30	2 7	21 8	0 56	20 9	1 34	20 25	0 12	22 12	1 9	13 48	9 13	20 3	20 21	8 21	17 9	2 57
S 23	1 1	7 59	3 47	9 49	1 52	3 24	1 11	25 30	2 6	21 8	0 56	20 10	1 33	20 25	0 12	22 12	1 9	13 48	9 12	20 5	20 21	8 23	17 8	2 58
M24	1 25	3 43	4 24	10 27	2 4	3 54	1 10	25 30	2 5	21 8	0 56	20 10	1 33	20 25	0 12	22 12	1 9	13 48	9 12	20 7	20 22	8 26	17 7	2 58
T 25	1 48	0s38	4 49	11 2	2 15	4 24	1 8	25 30	2 5	21 8	0 56	20 11	1 33	20 24	0 12	22 12	1 9	13 49	9 12	20 9	20 23	8 28	17 6	2 59
W26	2 12	4 56	5 1	11 35	2 26	4 54	1 7	25 29	2 4	21 8	0 56	20 12	1 33	20 24	0 12	22 12	1 10	13 49	9 12	20 12	20 23	8 30	17 5	2 59
T 27	2 35	9 2	5 0	12 3	2 36	5 24	1 5	25 29	2 4	21 8	0 56	20 13	1 33	20 24	0 12	22 12	1 10	13 49	9 12	20 15	20 24	8 33	17 4	3 0
F 28	2 59	12 46	4 45	12 29	2 46	5 54	1 4	25 28	2 3	21 8	0 56	20 14	1 32	20 24	0 12	22 12	1 10	13 50	9 11	20 17	20 25	8 35	17 3	3 0
S 29	3 22	16 1	4 19	12 50	2 54	6 24	1 2	25 28	2 3	21 7	0 56	20 15	1 32	20 24	0 12	22 12	1 10	13 50	9 11	20 19	20 25	8 37	17 2	3 1
S 30	3 46	18 37	3 41	13 8	3 1	6 54	1 0	25 27	2 2	21 7	0 56	20 16	1 32	20 23	0 12	22 12	1 10	13 50	9 11	20 20	20 26	8 39	17 2	3 2
M31	4n 9	20s26	2n52	13n22	3n 7	7n23	0s59	25n26	2n 1	21s 7	0n56	20n17	1s32	20s23	0n12	22s12	1n10	13n50	9s11	20n20	20n27	8s42	17s 1	3n 2

Julian Day Number = 2506025.5, Delta T = 121.09 sec
Ecliptic obliquity = 23°25'07, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°49'28, Lahiri = 25°56'29

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ASTRODIENST EPHEMERIS for the year 2149
geocentric

APRIL 2149 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 18	11♈28'17	6♉40	27♈27	22♈31	2♋ 9	10°R49	9♊13	2°R12	4♉ 8	19♊18	28°D59	28♋27	6♏ 8	29°R14	T 1
W 2	12 42 14	12°27'34	19°10	27°35	23°45	2°40	10♐48	9°18	2♐10	4° 8	19°19	28♋59	28°24	6°14	29♏12	W 2
T 3	12 46 11	13°26'49	2♒ 3	27°R36	25° 0	3°10	10°46	9°24	2° 9	4° 9	19°20	28°R59	28°21	6°21	29° 9	T 3
F 4	12 50 7	14°26'02	15°22	27°29	26°14	3°41	10°45	9°29	2° 8	4° 9	19°20	28°58	28°18	6°28	29° 7	F 4
S 5	12 54 4	15°25'14	29°10	27°16	27°28	4°13	10°44	9°35	2° 6	4°R 9	19°21	28°55	28°15	6°35	29° 5	S 5
S 6	12 58 0	16°24'24	13♓27	26°56	28°43	4°44	10°42	9°40	2° 5	4° 9	19°22	28°50	28°11	6°41	29° 2	S 6
M 7	13 1 57	17°23'32	28°12	26°31	29°57	5°15	10°40	9°46	2° 3	4° 9	19°22	28°41	28° 8	6°48	29° 0	M 7
T 8	13 5 53	18°22'38	13♈16	26° 0	1♉11	5°47	10°38	9°52	2° 2	4° 8	19°23	28°31	28° 5	6°55	28°57	T 8
W 9	13 9 50	19°21'42	28°32	25°25	2°25	6°18	10°35	9°58	2° 0	4° 8	19°24	28°20	28° 2	7° 2	28°54	W 9
T 10	13 13 47	20°20'44	13♉47	24°46	3°40	6°50	10°33	10° 4	1°58	4° 8	19°25	28° 9	27°59	7° 8	28°51	T 10
F 11	13 17 43	21°19'44	28°51	24° 4	4°54	7°21	10°30	10°10	1°57	4° 8	19°26	28° 0	27°56	7°15	28°48	F 11
S 12	13 21 40	22°18'41	13♊34	23°20	6° 8	7°53	10°27	10°16	1°55	4° 8	19°26	27°54	27°52	7°22	28°45	S 12
S 13	13 25 36	23°17'37	27°53	22°34	7°22	8°25	10°24	10°22	1°53	4° 8	19°27	27°50	27°49	7°28	28°42	S 13
M14	13 29 33	24°16'30	11♋45	21°48	8°36	8°57	10°21	10°28	1°52	4° 7	19°28	27°48	27°46	7°35	28°39	M14
T 15	13 33 29	25°15'21	25°11	21° 3	9°50	9°29	10°18	10°34	1°50	4° 7	19°29	27°48	27°43	7°42	28°36	T 15
W16	13 37 26	26°14'10	8♌13	20°18	11° 4	10° 2	10°14	10°41	1°48	4° 7	19°30	27°48	27°40	7°49	28°33	W16
T 17	13 41 22	27°12'56	20°56	19°36	12°18	10°34	10°10	10°47	1°46	4° 6	19°31	27°47	27°36	7°55	28°29	T 17
F 18	13 45 19	28°11'40	3♍24	18°57	13°32	11° 6	10° 7	10°53	1°44	4° 6	19°32	27°43	27°33	8° 2	28°26	F 18
S 19	13 49 16	29°10'22	15°40	18°21	14°46	11°39	10° 3	11° 0	1°42	4° 6	19°33	27°37	27°30	8° 9	28°22	S 19
S 20	13 53 12	0♉ 9'02	27°47	17°49	16° 0	12°11	9°58	11° 6	1°40	4° 5	19°34	27°28	27°27	8°15	28°19	S 20
M21	13 57 9	1° 7'39	9♎48	17°21	17°14	12°44	9°54	11°13	1°38	4° 5	19°34	27°16	27°24	8°22	28°15	M21
T 22	14 1 5	2° 6'15	21°45	16°58	18°28	13°17	9°49	11°19	1°36	4° 4	19°35	27° 3	27°21	8°29	28°11	T 22
W23	14 5 2	3° 4'49	3♏39	16°39	19°41	13°49	9°45	11°26	1°34	4° 4	19°36	26°49	27°17	8°36	28° 7	W23
T 24	14 8 58	4° 3'20	15°32	16°26	20°55	14°22	9°40	11°33	1°32	4° 3	19°37	26°35	27°14	8°42	28° 4	T 24
F 25	14 12 55	5° 1'50	27°24	16°17	22° 9	14°55	9°35	11°40	1°30	4° 2	19°39	26°22	27°11	8°49	28° 0	F 25
S 26	14 16 51	6° 0'19	9♐18	16°D14	23°23	15°28	9°30	11°46	1°28	4° 2	19°40	26°12	27° 8	8°56	27°56	S 26
S 27	14 20 48	6°58'45	21°16	16°16	24°36	16° 1	9°24	11°53	1°25	4° 1	19°41	26° 5	27° 5	9° 3	27°52	S 27
M28	14 24 45	7°57'10	3♑21	16°22	25°50	16°34	9°19	12° 0	1°23	4° 0	19°42	26° 1	27° 2	9° 9	27°48	M28
T 29	14 28 41	8°55'33	15°36	16°34	27° 4	17° 8	9°14	12° 7	1°21	4° 0	19°43	25°59	26°58	9°16	27°44	T 29
W30	14 32 38	9♉53'55	28♑ 7	16♈50	28♉17	17♋41	9♐ 8	12♊14	1♐19	3♑59	19♊44	25°D59	26♋55	9♏23	27♏40	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n32	21s20	1n56	13n32	3n12	7n53	0s57	25n25	2n 1	21s 7	0n56	20n18	1s32	20s23	0n12	22s12	1n10	13n51	9s10	20n21	20n27	8s44	17s 0	3n 3
W 2	4 55	21 12	0 52	13 39	3 15	8 22	0 55	25 24	2 0	21 7	0 57	20 19	1 31	20 23	0 12	22 12	1 10	13 51	9 10	20 21	20 28	8 46	16 59	3 3
T 3	5 18	19 57	0s16	13 41	3 17	8 51	0 53	25 23	2 0	21 6	0 57	20 20	1 31	20 22	0 12	22 12	1 10	13 51	9 10	20 21	20 28	8 49	16 58	3 4
F 4	5 41	17 35	1 26	13 39	3 18	9 20	0 51	25 21	1 59	21 6	0 57	20 21	1 31	20 22	0 12	22 11	1 10	13 51	9 10	20 21	20 29	8 51	16 57	3 4
S 5	6 4	14 8	2 33	13 33	3 17	9 48	0 49	25 20	1 59	21 6	0 57	20 22	1 31	20 22	0 12	22 11	1 10	13 52	9 9	20 21	20 30	8 53	16 56	3 5
S 6	6 27	9 46	3 32	13 24	3 14	10 16	0 47	25 18	1 58	21 6	0 57	20 23	1 31	20 21	0 12	22 11	1 10	13 52	9 9	20 23	20 30	8 55	16 54	3 5
M 7	6 49	4 41	4 20	13 10	3 10	10 45	0 45	25 16	1 58	21 5	0 57	20 24	1 30	20 21	0 12	22 11	1 10	13 52	9 9	20 24	20 31	8 58	16 53	3 6
T 8	7 12	0n47	4 50	12 54	3 4	11 12	0 43	25 14	1 57	21 5	0 57	20 25	1 30	20 21	0 12	22 11	1 10	13 53	9 9	20 26	20 32	9 0	16 52	3 7
W 9	7 34	6 15	5 0	12 34	2 57	11 40	0 41	25 12	1 56	21 5	0 57	20 27	1 30	20 21	0 12	22 11	1 10	13 53	9 9	20 29	20 32	9 2	16 51	3 7
T 10	7 57	11 21	4 50	12 11	2 47	12 7	0 39	25 10	1 56	21 4	0 57	20 28	1 30	20 20	0 12	22 11	1 10	13 53	9 8	20 31	20 33	9 5	16 50	3 8
F 11	8 19	15 41	4 19	11 45	2 37	12 34	0 36	25 8	1 55	21 4	0 57	20 29	1 30	20 20	0 12	22 11	1 10	13 53	9 8	20 33	20 34	9 7	16 49	3 8
S 12	8 41	18 55	3 31	11 18	2 25	13 1	0 34	25 6	1 55	21 3	0 57	20 30	1 29	20 20	0 12	22 11	1 10	13 54	9 8	20 34	20 34	9 9	16 48	3 9
S 13	9 3	20 53	2 31	10 49	2 12	13 27	0 32	25 3	1 54	21 3	0 57	20 31	1 29	20 19	0 12	22 11	1 10	13 54	9 8	20 35	20 35	9 11	16 47	3 9
M14	9 24	21 31	1 24	10 18	1 58	13 53	0 30	25 0	1 54	21 2	0 57	20 32	1 29	20 19	0 12	22 11	1 10	13 54	9 8	20 35	20 35	9 14	16 45	3 10
T 15	9 46	20 51	0 14	9 47	1 43	14 19	0 27	24 58	1 53	21 2	0 57	20 33	1 29	20 19	0 12	22 11	1 10	13 54	9 7	20 35	20 36	9 16	16 44	3 10
W16	10 7	19 5	0n55	9 16	1 27	14 45	0 25	24 55	1 53	21 1	0 57	20 34	1 29	20 18	0 12	22 11	1 10	13 55	9 7	20 35	20 37	9 18	16 43	3 11
T 17	10 28	16 23	1 59	8 45	1 11	15 10	0 22	24 52	1 52	21 1	0 57	20 35	1 28	20 18	0 12	22 11	1 10	13 55	9 7	20 35	20 37	9 21	16 42	3 11
F 18	10 49	12 59	2 56	8 15	0 54	15 34	0 20	24 48	1 51	21 0	0 57	20 36	1 28	20 17	0 12	22 11	1 10	13 55	9 7	20 36	20 38	9 23	16 41	3 12
S 19	11 10	9 5	3 44	7 46	0 37	15 58	0 18	24 45	1 51	20 59	0 57	20 37	1 28	20 17	0 12	22 11	1 10	13 55	9 7	20 37	20 39	9 25	16 39	3 12
S 20	11 31	4 52	4 21	7 18	0 20	16 22	0 15	24 42	1 50	20 59	0 58	20 38	1 28	20 17	0 12	22 11	1 10	13 56	9 6	20 39	20 39	9 27	16 38	3 13
M21	11 51	0 30	4 46	6 52	0 4	16 46	0 13	24 38	1 50	20 58	0 58	20 39	1 28	20 16	0 12	22 11	1 10	13 56	9 6	20 41	20 40	9 30	16 37	3 13
T 22	12 12	3s51	4 58	6 28	0s12	17 9	0 10	24 34	1 49	20 57	0 58	20 40	1 28	20 16	0 12	22 11	1 10	13 56	9 6	20 44	20 40	9 32	16 36	3 14
W23	12 32	8 3	4 57	6 6	0 28	17 31	0 8	24 30	1 49	20 57	0 58	20 41	1 27	20 15	0 12	22 11	1 10	13 57	9 6	20 47	20 41	9 34	16 34	3 14
T 24	12 52	11 57	4 44	5 47	0 43	17 53	0 5	24 26	1 48	20 56	0 58	20 42	1 27	20 15	0 12	22 11	1 10	13 57	9 6	20 49	20 42	9 36	16 33	3 15
F 25	13 11	15 23	4 17	5 30	0 58	18 15	0 3	24 22	1 48	20 55	0 58	20 43	1 27	20 15	0 12	22 11	1 10	13 57	9 5	20 52	20 42	9 39	16 32	3 15
S 26	13 31	18 12	3 40	5 16	1 12	18 36	0 0	24 18	1 47	20 54	0 58	20 45	1 27	20 14	0 12	22 11	1 10	13 57	9 5	20 53	20 43	9 41	16 30	3 15
S 27	13 50	20 16	2 53	5 4	1 26	18 57	0n 3	24 13	1 47	20 54	0 58	20 46	1 27	20 14	0 12	22 11	1 10	13 58	9 5	20 55	20 43	9 43	16 29	3 16
M28	14 9	21 26	1 57	4 55	1 38	19 17	0 5	24 9	1 46	20 53	0 58	20 47	1 27	20 13	0 12	22 11	1 10	13 58	9 5	20 56	20 44	9 46	16 28	3 16
T 29	14 28	21 36	0 55	4 49	1 50	19 37	0 8	24 4	1 46	20 52	0 58	20 48	1 27	20 13	0 12	22 11	1 10	13 58	9 5	20 56	20 45	9 48	16 26	3 17
W30	14n46	20s42	0s11	4n45	2s 1	19n56	0n10	23n59	1n45	20s51	0n58	20n49	1s26	20s12	0n12	22s11	1n11	13n58	9s 5	20n56	20n45	9s50	16s25	3n17

Julian Day Number = 2506056.5, Delta T = 121.15 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°49'33, Lahiri = 25°56'33

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ASTRODIENST EPHEMERIS for the year 2149
geocentric

MAY 2149 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 34	10♉52'15	10♒56	17♈11	29♉31	18♋14	9°R 2	12♊21	1°R17	3°R58	19♊45	25°R59	26♋52	9♏29	27°R35	T 1
F 2	14 40 31	11°50'34	24° 9	17°36	0♊44	18°48	8♐56	12°28	1♐14	3♑57	19°46	25♋58	26°49	9°36	27♏31	F 2
S 3	14 44 27	12°48'51	7♓50	18° 5	1°58	19°21	8°50	12°35	1°12	3°56	19°47	25°56	26°46	9°43	27°27	S 3
S 4	14 48 24	13°47'06	21°59	18°39	3°11	19°55	8°44	12°43	1°10	3°56	19°48	25°51	26°42	9°50	27°23	S 4
M 5	14 52 20	14°45'20	6♈35	19°16	4°25	20°28	8°38	12°50	1° 7	3°55	19°50	25°44	26°39	9°56	27°18	M 5
T 6	14 56 17	15°43'33	21°35	19°58	5°38	21° 2	8°31	12°57	1° 5	3°54	19°51	25°35	26°36	10° 3	27°14	T 6
W 7	15 0 14	16°41'44	6♉50	20°43	6°52	21°36	8°25	13° 4	1° 2	3°53	19°52	25°25	26°33	10°10	27°10	W 7
T 8	15 4 10	17°39'53	22° 9	21°31	8° 5	22° 9	8°18	13°12	1° 0	3°52	19°53	25°16	26°30	10°16	27° 5	T 8
F 9	15 8 7	18°38'01	7♊20	22°23	9°18	22°43	8°11	13°19	0°58	3°51	19°54	25° 7	26°27	10°23	27° 1	F 9
S 10	15 12 3	19°36'07	22°15	23°18	10°32	23°17	8° 4	13°26	0°55	3°50	19°56	25° 1	26°23	10°30	26°57	S 10
S 11	15 16 0	20°34'12	6♋45	24°16	11°45	23°51	7°57	13°34	0°53	3°49	19°57	24°58	26°20	10°37	26°52	S 11
M12	15 19 56	21°32'14	20°46	25°17	12°58	24°25	7°50	13°41	0°50	3°48	19°58	24°D57	26°17	10°43	26°48	M12
T 13	15 23 53	22°30'15	4♌20	26°21	14°11	24°59	7°43	13°49	0°48	3°47	19°59	24°57	26°14	10°50	26°43	T 13
W14	15 27 49	23°28'13	17°27	27°28	15°25	25°33	7°36	13°56	0°45	3°46	20° 1	24°R57	26°11	10°57	26°39	W14
T 15	15 31 46	24°26'10	0♍11	28°38	16°38	26° 8	7°29	14° 3	0°43	3°44	20° 2	24°57	26° 8	11° 3	26°34	T 15
F 16	15 35 43	25°24'05	12°37	29°50	17°51	26°42	7°22	14°11	0°40	3°43	20° 3	24°56	26° 4	11°10	26°30	F 16
S 17	15 39 39	26°21'58	24°49	1♎ 5	19° 4	27°16	7°14	14°19	0°38	3°42	20° 4	24°52	26° 1	11°17	26°25	S 17
S 18	15 43 36	27°19'49	6♎51	2°22	20°17	27°50	7° 7	14°26	0°35	3°41	20° 6	24°46	25°58	11°24	26°21	S 18
M19	15 47 32	28°17'39	18°47	3°42	21°30	28°25	7° 0	14°34	0°33	3°40	20° 7	24°38	25°55	11°30	26°16	M19
T 20	15 51 29	29°15'27	0♏40	5° 4	22°43	28°59	6°52	14°41	0°30	3°38	20° 8	24°28	25°52	11°37	26°12	T 20
W21	15 55 25	0♊13'14	12°32	6°29	23°56	29°34	6°45	14°49	0°28	3°37	20°10	24°18	25°48	11°44	26° 7	W21
T 22	15 59 22	1°10'59	24°25	7°56	25° 9	0♌ 8	6°37	14°57	0°25	3°36	20°11	24° 8	25°45	11°51	26° 3	T 22
F 23	16 3 18	2° 8'43	6♐21	9°25	26°22	0°43	6°29	15° 4	0°23	3°34	20°12	23°59	25°42	11°57	25°58	F 23
S 24	16 7 15	3° 6'25	18°21	10°57	27°35	1°17	6°22	15°12	0°20	3°33	20°14	23°51	25°39	12° 4	25°54	S 24
S 25	16 11 12	4° 4'07	0♑27	12°31	28°47	1°52	6°14	15°20	0°18	3°32	20°15	23°47	25°36	12°11	25°49	S 25
M26	16 15 8	5° 1'47	12°41	14° 7	0♋ 0	2°27	6° 7	15°27	0°15	3°30	20°16	23°44	25°33	12°17	25°45	M26
T 27	16 19 5	5°59'26	25° 5	15°45	1°13	3° 2	5°59	15°35	0°13	3°29	20°18	23°D43	25°29	12°24	25°41	T 27
W28	16 23 1	6°57'04	7♒42	17°26	2°26	3°36	5°51	15°43	0°10	3°28	20°19	23°44	25°26	12°31	25°36	W28
T 29	16 26 58	7°54'41	20°35	19° 9	3°38	4°11	5°44	15°51	0° 8	3°26	20°20	23°45	25°23	12°38	25°32	T 29
F 30	16 30 54	8°52'17	3♓49	20°55	4°51	4°46	5°36	15°58	0° 5	3°25	20°22	23°R46	25°20	12°44	25°28	F 30
S 31	16 34 51	9♊49'52	17♓24	22♉42	6♋ 4	5♌21	5♐28	16♊ 6	0♐ 3	3♑23	20♊23	23♋46	25♋17	12♏51	25♏24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 4	18s44	1s18	4n43	2s11	20n14	0n13	23n54	1n44	20s50	0n58	20n50	1s26	20s12	0n12	22s11	1n11	13n59	9s 4	20n56	20n46	9s52	16s24	3n18
F 2	15 22	15 43	2 24	4 44	2 20	20 32	0 15	23 49	1 44	20 49	0 58	20 51	1 26	20 11	0 12	22 11	1 11	13 59	9 4	20 56	20 47	9 55	16 22	3 18
S 3	15 40	11 46	3 23	4 48	2 29	20 50	0 18	23 44	1 43	20 48	0 58	20 52	1 26	20 11	0 12	22 11	1 11	13 59	9 4	20 57	20 47	9 57	16 21	3 18
S 4	15 58	7 2	4 11	4 53	2 36	21 7	0 21	23 38	1 43	20 47	0 58	20 53	1 26	20 10	0 12	22 11	1 11	13 59	9 4	20 57	20 48	9 59	16 20	3 19
M 5	16 15	1 46	4 46	5 1	2 43	21 23	0 23	23 33	1 42	20 46	0 58	20 54	1 26	20 10	0 12	22 11	1 11	13 59	9 4	20 59	20 48	10 1	16 18	3 19
T 6	16 32	3n45	5 1	5 11	2 49	21 39	0 26	23 27	1 42	20 45	0 58	20 55	1 26	20 10	0 12	22 11	1 11	14 0	9 4	21 0	20 49	10 4	16 17	3 20
W 7	16 49	9 7	4 56	5 23	2 55	21 54	0 28	23 21	1 41	20 44	0 58	20 56	1 25	20 9	0 12	22 11	1 11	14 0	9 3	21 2	20 50	10 6	16 16	3 20
T 8	17 5	13 56	4 30	5 37	2 59	22 9	0 31	23 15	1 41	20 43	0 58	20 57	1 25	20 9	0 12	22 11	1 11	14 0	9 3	21 4	20 50	10 8	16 14	3 20
F 9	17 21	17 49	3 45	5 52	3 3	22 23	0 33	23 9	1 40	20 42	0 58	20 58	1 25	20 8	0 12	22 11	1 11	14 0	9 3	21 5	20 51	10 10	16 13	3 21
S 10	17 37	20 27	2 45	6 10	3 6	22 36	0 36	23 3	1 40	20 41	0 58	20 59	1 25	20 8	0 12	22 11	1 11	14 1	9 3	21 7	20 51	10 13	16 12	3 21
S 11	17 53	21 40	1 35	6 29	3 8	22 49	0 39	22 57	1 39	20 40	0 58	21 0	1 25	20 7	0 12	22 11	1 11	14 1	9 3	21 7	20 52	10 15	16 10	3 21
M12	18 8	21 27	0 22	6 50	3 10	23 1	0 41	22 50	1 39	20 39	0 57	21 1	1 25	20 7	0 12	22 11	1 11	14 1	9 3	21 7	20 53	10 17	16 9	3 22
T 13	18 23	19 58	0n50	7 12	3 11	23 12	0 44	22 43	1 38	20 38	0 57	21 2	1 25	20 6	0 12	22 11	1 11	14 1	9 3	21 7	20 53	10 20	16 8	3 22
W14	18 37	17 27	1 57	7 36	3 11	23 23	0 46	22 37	1 38	20 37	0 57	21 3	1 25	20 6	0 12	22 11	1 11	14 2	9 2	21 7	20 54	10 22	16 6	3 22
T 15	18 52	14 9	2 57	8 1	3 10	23 33	0 48	22 30	1 37	20 36	0 57	21 4	1 24	20 5	0 12	22 11	1 11	14 2	9 2	21 7	20 54	10 24	16 5	3 23
F 16	19 6	10 18	3 46	8 27	3 9	23 42	0 51	22 23	1 37	20 35	0 57	21 5	1 24	20 5	0 12	22 11	1 11	14 2	9 2	21 8	20 55	10 26	16 4	3 23
S 17	19 19	6 6	4 24	8 55	3 7	23 51	0 53	22 15	1 36	20 34	0 57	21 6	1 24	20 4	0 12	22 11	1 11	14 2	9 2	21 8	20 56	10 29	16 2	3 23
S 18	19 33	1 43	4 50	9 23	3 5	23 59	0 56	22 8	1 35	20 32	0 57	21 7	1 24	20 4	0 12	22 11	1 11	14 2	9 2	21 9	20 56	10 31	16 1	3 24
M19	19 46	2s41	5 3	9 53	3 2	24 7	0 58	22 1	1 35	20 31	0 57	21 8	1 24	20 3	0 12	22 11	1 11	14 3	9 2	21 11	20 57	10 33	16 0	3 24
T 20	19 58	6 58	5 3	10 24	2 59	24 13	1 0	21 53	1 34	20 30	0 57	21 9	1 24	20 3	0 12	22 11	1 11	14 3	9 2	21 12	20 57	10 35	15 59	3 24
W21	20 11	10 59	4 50	10 55	2 54	24 19	1 3	21 45	1 34	20 29	0 57	21 10	1 24	20 2	0 12	22 11	1 11	14 3	9 2	21 14	20 58	10 38	15 57	3 24
T 22	20 23	14 36	4 24	11 28	2 50	24 25	1 5	21 37	1 33	20 28	0 57	21 11	1 24	20 1	0 12	22 11	1 11	14 3	9 2	21 16	20 59	10 40	15 56	3 25
F 23	20 34	17 38	3 46	12 1	2 44	24 29	1 7	21 29	1 33	20 27	0 57	21 12	1 24	20 1	0 12	22 11	1 11	14 3	9 1	21 18	20 59	10 42	15 55	3 25
S 24	20 46	19 57	2 58	12 35	2 39	24 33	1 9	21 21	1 32	20 25	0 57	21 13	1 23	20 0	0 12	22 11	1 11	14 4	9 1	21 19	21 0	10 44	15 53	3 25
S 25	20 57	21 23	2 2	13 10	2 32	24 36	1 11	21 13	1 32	20 24	0 57	21 14	1 23	20 0	0 12	22 11	1 11	14 4	9 1	21 20	21 0	10 47	15 52	3 25
M26	21 7	21 50	0 59	13 45	2 25	24 39	1 13	21 5	1 31	20 23	0 56	21 15	1 23	19 59	0 12	22 11	1 11	14 4	9 1	21 20	21 1	10 49	15 51	3 26
T 27	21 17	21 13	0s 7	14 20	2 18	24 40	1 15	20 56	1 31	20 22	0 56	21 16	1 23	19 59	0 12	22 11	1 11	14 4	9 1	21 20	21 1	10 51	15 50	3 26
W28	21 27	19 32	1 15	14 56	2 10	24 41	1 17	20 48	1 30	20 20	0 56	21 17	1 23	19 58	0 12	22 11	1 11	14 4	9 1	21 20	21 2	10 53	15 48	3 26
T 29	21 37	16 50	2 20	15 32	2 2	24 42	1 19	20 39	1 30	20 19	0 56	21 18	1 23	19 58	0 12	22 11	1 11	14 5	9 1	21 20	21 3	10 56	15 47	3 26
F 30	21 46	13 12	3 20	16 9	1 53	24 41	1 21	20 30	1 29	20 18	0 56	21 18	1 23	19 57	0 12	22 11	1 11	14 5	9 1	21 20	21 3	10 58	15 46	3 26
S 31	21n54	8s48	4s10	16n45	1s44	24n40	1n23	20n21	1n29	20s17	0n56	21n19	1s23	19s57	0n12	22s11	1n11	14n 5	9s 1	21n20	21n 4	11s 0	15s45	3n27

Julian Day Number = 2506086.5, Delta T = 121.20 sec
Ecliptic obliquity = 23°25'07, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°49'37, Lahiri = 25°56'37

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ASTRODIENST EPHEMERIS for the year 2149
geocentric

JUNE 2149 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 47	10♊47'26	1♈24	24♉32	7♋16	5♌56	5°R21	16♊14	0°R 0	3°R22	20♊24	23°R44	25♋14	12♏58	25°R19	S 1
M 2	16 42 44	11°45'00	15°47	26°24	8°29	6°31	5♐13	16°22	29♏58	3♑21	20°26	23♋41	25°10	13° 4	25♏15	M 2
T 3	16 46 41	12°42'33	0♉31	28°19	9°41	7° 6	5° 6	16°30	29°56	3°19	20°27	23°36	25° 7	13°11	25°11	T 3
W 4	16 50 37	13°40'04	15°30	0♊15	10°54	7°41	4°58	16°37	29°53	3°18	20°29	23°30	25° 4	13°18	25° 7	W 4
T 5	16 54 34	14°37'36	0♊36	2°14	12° 6	8°16	4°51	16°45	29°51	3°16	20°30	23°25	25° 1	13°25	25° 3	T 5
F 6	16 58 30	15°35'06	15°39	4°14	13°18	8°52	4°43	16°53	29°48	3°15	20°31	23°20	24°58	13°31	24°59	F 6
S 7	17 2 27	16°32'35	0♋29	6°17	14°31	9°27	4°36	17° 1	29°46	3°13	20°33	23°16	24°54	13°38	24°55	S 7
S 8	17 6 23	17°30'03	15° 0	8°21	15°43	10° 2	4°29	17° 9	29°44	3°11	20°34	23°15	24°51	13°45	24°51	S 8
M 9	17 10 20	18°27'30	29° 6	10°27	16°55	10°38	4°21	17°16	29°41	3°10	20°36	23°D15	24°48	13°51	24°47	M 9
T 10	17 14 16	19°24'57	12♌45	12°35	18° 8	11°13	4°14	17°24	29°39	3° 8	20°37	23°16	24°45	13°58	24°43	T 10
W11	17 18 13	20°22'21	25°59	14°44	19°20	11°48	4° 7	17°32	29°37	3° 7	20°38	23°17	24°42	14° 5	24°40	W11
T 12	17 22 10	21°19'45	8♍48	16°54	20°32	12°24	4° 0	17°40	29°34	3° 5	20°40	23°18	24°39	14°12	24°36	T 12
F 13	17 26 6	22°17'08	21°17	19° 5	21°44	12°59	3°53	17°48	29°32	3° 4	20°41	23°R19	24°35	14°18	24°32	F 13
S 14	17 30 3	23°14'29	3♎30	21°17	22°56	13°35	3°46	17°55	29°30	3° 2	20°42	23°19	24°32	14°25	24°29	S 14
S 15	17 33 59	24°11'50	15°32	23°29	24° 8	14°10	3°39	18° 3	29°28	3° 0	20°44	23°17	24°29	14°32	24°25	S 15
M16	17 37 56	25° 9'10	27°27	25°41	25°20	14°46	3°33	18°11	29°26	2°59	20°45	23°14	24°26	14°38	24°22	M16
T 17	17 41 52	26° 6'29	9♏19	27°53	26°32	15°22	3°26	18°19	29°23	2°57	20°47	23°10	24°23	14°45	24°18	T 17
W18	17 45 49	27° 3'47	21°12	0♋ 4	27°44	15°57	3°20	18°27	29°21	2°56	20°48	23° 5	24°20	14°52	24°15	W18
T 19	17 49 45	28° 1'04	3♐ 7	2°15	28°56	16°33	3°13	18°34	29°19	2°54	20°49	23° 1	24°16	14°59	24°12	T 19
F 20	17 53 42	28°58'21	15° 9	4°25	0♌ 8	17° 9	3° 7	18°42	29°17	2°52	20°51	22°57	24°13	15° 5	24° 9	F 20
S 21	17 57 39	29°55'37	27°18	6°33	1°19	17°45	3° 1	18°50	29°15	2°51	20°52	22°55	24°10	15°12	24° 6	S 21
S 22	18 1 35	0♋52'52	9♑36	8°40	2°31	18°20	2°55	18°57	29°13	2°49	20°54	22°53	24° 7	15°19	24° 3	S 22
M23	18 5 32	1°50'07	22° 4	10°46	3°43	18°56	2°49	19° 5	29°11	2°48	20°55	22°D52	24° 4	15°25	24° 0	M23
T 24	18 9 28	2°47'22	4♒44	12°50	4°54	19°32	2°43	19°13	29° 9	2°46	20°56	22°53	24° 0	15°32	23°57	T 24
W25	18 13 25	3°44'36	17°37	14°52	6° 6	20° 8	2°37	19°20	29° 7	2°44	20°58	22°54	23°57	15°39	23°54	W25
T 26	18 17 21	4°41'50	0♓44	16°52	7°17	20°44	2°32	19°28	29° 5	2°43	20°59	22°55	23°54	15°46	23°52	T 26
F 27	18 21 18	5°39'04	14° 7	18°51	8°29	21°20	2°26	19°36	29° 3	2°41	21° 0	22°56	23°51	15°52	23°49	F 27
S 28	18 25 14	6°36'18	27°47	20°47	9°40	21°56	2°21	19°43	29° 2	2°40	21° 2	22°57	23°48	15°59	23°46	S 28
S 29	18 29 11	7°33'32	11♈43	22°41	10°51	22°32	2°16	19°51	29° 0	2°38	21° 3	22°R57	23°45	16° 6	23°44	S 29
M30	18 33 8	8♋30'46	25♈55	24♋33	12♌ 3	23♌ 8	2♐11	19♊59	28♏58	2♑36	21♊ 4	22♋57	23♋41	16♏12	23♏42	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 3	3s49	4s46	17n21	1s35	24n38	1n25	20n12	1n28	20s16	0n56	21n20	1s23	19s56	0n12	22s12	1n11	14n 5	9s 1	21n20	21n 4	11s 2	15s44	3n27
M 2	22 11	1n29	5 7	17 57	1 25	24 35	1 27	20 3	1 28	20 14	0 56	21 21	1 23	19 56	0 12	22 12	1 11	14 5	9 1	21 21	21 5	11 5	15 43	3 27
T 3	22 18	6 51	5 7	18 33	1 15	24 32	1 28	19 53	1 27	20 13	0 56	21 22	1 23	19 55	0 12	22 12	1 11	14 5	9 0	21 22	21 5	11 7	15 41	3 27
W 4	22 25	11 53	4 47	19 8	1 5	24 28	1 30	19 44	1 27	20 12	0 55	21 23	1 22	19 55	0 12	22 12	1 11	14 6	9 0	21 22	21 6	11 9	15 40	3 27
T 5	22 32	16 14	4 7	19 42	0 54	24 23	1 32	19 34	1 26	20 11	0 55	21 24	1 22	19 54	0 12	22 12	1 11	14 6	9 0	21 23	21 7	11 11	15 39	3 27
F 6	22 38	19 30	3 10	20 16	0 44	24 18	1 33	19 24	1 26	20 10	0 55	21 24	1 22	19 54	0 12	22 12	1 11	14 6	9 0	21 24	21 7	11 13	15 38	3 28
S 7	22 44	21 24	2 1	20 48	0 33	24 12	1 35	19 14	1 25	20 8	0 55	21 25	1 22	19 53	0 12	22 12	1 11	14 6	9 0	21 25	21 8	11 16	15 37	3 28
S 8	22 50	21 50	0 45	21 19	0 22	24 5	1 36	19 4	1 25	20 7	0 55	21 26	1 22	19 53	0 12	22 12	1 11	14 6	9 0	21 25	21 8	11 18	15 36	3 28
M 9	22 55	20 50	0n32	21 49	0 11	23 58	1 37	18 54	1 24	20 6	0 55	21 27	1 22	19 52	0 12	22 12	1 11	14 6	9 0	21 25	21 9	11 20	15 35	3 28
T 10	23 0	18 38	1 45	22 17	0 0	23 49	1 39	18 44	1 24	20 5	0 55	21 28	1 22	19 52	0 12	22 12	1 11	14 6	9 0	21 25	21 9	11 22	15 34	3 28
W11	23 4	15 30	2 49	22 43	0n11	23 41	1 40	18 34	1 23	20 4	0 54	21 28	1 22	19 51	0 12	22 12	1 11	14 7	9 0	21 25	21 10	11 25	15 33	3 28
T 12	23 8	11 43	3 43	23 7	0 21	23 31	1 41	18 23	1 23	20 2	0 54	21 29	1 22	19 51	0 12	22 12	1 11	14 7	9 0	21 25	21 11	11 27	15 32	3 28
F 13	23 12	7 31	4 25	23 29	0 31	23 21	1 42	18 13	1 22	20 1	0 54	21 30	1 22	19 51	0 12	22 12	1 11	14 7	9 0	21 24	21 11	11 29	15 31	3 28
S 14	23 15	3 7	4 54	23 49	0 41	23 10	1 43	18 2	1 22	20 0	0 54	21 31	1 22	19 50	0 12	22 12	1 11	14 7	9 0	21 24	21 12	11 31	15 30	3 29
S 15	23 18	1s20	5 10	24 6	0 51	22 59	1 44	17 51	1 21	19 59	0 54	21 32	1 22	19 50	0 12	22 12	1 11	14 7	9 0	21 25	21 12	11 34	15 29	3 29
M16	23 20	5 42	5 12	24 20	1 0	22 46	1 45	17 40	1 20	19 58	0 54	21 32	1 22	19 49	0 12	22 12	1 11	14 7	9 0	21 25	21 13	11 36	15 28	3 29
T 17	23 22	9 50	5 1	24 32	1 8	22 34	1 46	17 29	1 20	19 57	0 53	21 33	1 22	19 49	0 12	22 12	1 11	14 7	9 0	21 26	21 13	11 38	15 27	3 29
W18	23 23	13 36	4 36	24 41	1 16	22 20	1 47	17 18	1 19	19 56	0 53	21 34	1 22	19 48	0 12	22 12	1 11	14 7	9 0	21 27	21 14	11 40	15 27	3 29
T 19	23 24	16 50	4 0	24 47	1 23	22 6	1 47	17 7	1 19	19 55	0 53	21 34	1 22	19 48	0 12	22 12	1 11	14 8	9 0	21 27	21 15	11 42	15 26	3 29
F 20	23 25	19 24	3 13	24 50	1 30	21 52	1 48	16 56	1 18	19 54	0 53	21 35	1 22	19 47	0 12	22 12	1 11	14 8	9 0	21 28	21 15	11 45	15 25	3 29
S 21	23 25	21 7	2 16	24 51	1 35	21 36	1 48	16 44	1 18	19 53	0 53	21 36	1 21	19 47	0 12	22 12	1 11	14 8	9 0	21 28	21 16	11 47	15 24	3 29
S 22	23 25	21 52	1 12	24 48	1 41	21 21	1 49	16 33	1 17	19 52	0 52	21 36	1 21	19 47	0 12	22 12	1 11	14 8	9 0	21 29	21 16	11 49	15 23	3 29
M23	23 24	21 32	0 4	24 44	1 45	21 4	1 49	16 21	1 17	19 51	0 52	21 37	1 21	19 46	0 12	22 12	1 11	14 8	9 0	21 29	21 17	11 51	15 23	3 29
T 24	23 23	20 7	1s 5	24 36	1 49	20 47	1 49	16 9	1 16	19 50	0 52	21 38	1 21	19 46	0 12	22 12	1 11	14 8	9 0	21 29	21 17	11 54	15 22	3 29
W25	23 22	17 38	2 12	24 26	1 51	20 30	1 49	15 57	1 16	19 49	0 52	21 38	1 21	19 45	0 12	22 12	1 11	14 8	9 0	21 29	21 18	11 56	15 21	3 29
T 26	23 20	14 13	3 14	24 14	1 54	20 12	1 50	15 46	1 15	19 48	0 52	21 39	1 21	19 45	0 12	22 12	1 11	14 8	9 0	21 28	21 18	11 58	15 21	3 29
F 27	23 18	10 2	4 6	24 0	1 55	19 53	1 50	15 34	1 15	19 47	0 51	21 40	1 21	19 45	0 12	22 12	1 11	14 8	9 0	21 28	21 19	12 0	15 20	3 29
S 28	23 15	5 15	4 46	23 43	1 56	19 34	1 49	15 21	1 14	19 47	0 51	21 40	1 21	19 44	0 12	22 13	1 11	14 8	9 0	21 28	21 20	12 2	15 19	3 29
S 29	23 12	0 8	5 10	23 25	1 56	19 15	1 49	15 9	1 14	19 46	0 51	21 41	1 21	19 44	0 12	22 13	1 11	14 8	9 0	21 28	21 20	12 5	15 19	3 29
M30	23n 9	5n 6	5s16	23n 5	1n55	18n55	1n49	14n57	1n13	19s45	0n51	21n42	1s21	19s43	0n12	22s13	1n11	14n 9	9s 0	21n28	21n21	12s 7	15s18	3n29

Julian Day Number = 2506117.5, Delta T = 121.26 sec
Ecliptic obliquity = 23°25'07, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°49'41, Lahiri = 25°56'42

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ASTRODIENST EPHEMERIS for the year 2149
geocentric

JULY 2149 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 4	9♋28'00	10♉22	26♋23	13♌14	23♌45	2°R 6	20♊ 6	28°R56	2°R35	21♊ 6	22°R56	23♋38	16♏19	23°R39	T 1
W 2	18 41 1	10°25'14	24°59	28°11	14°25	24°21	2♐ 2	20°14	28♏55	2♑33	21° 7	22♋54	23°35	16°26	23♏37	W 2
T 3	18 44 57	11°22'29	9♊41	29°57	15°36	24°57	1°57	20°21	28°53	2°31	21° 8	22°53	23°32	16°33	23°35	T 3
F 4	18 48 54	12°19'43	24°22	1♌41	16°47	25°33	1°53	20°29	28°52	2°30	21°10	22°52	23°29	16°39	23°33	F 4
S 5	18 52 50	13°16'57	8♋54	3°22	17°58	26°10	1°49	20°36	28°50	2°28	21°11	22°51	23°26	16°46	23°31	S 5
S 6	18 56 47	14°14'12	23°13	5° 1	19° 9	26°46	1°45	20°43	28°48	2°27	21°12	22°D51	23°22	16°53	23°30	S 6
M 7	19 0 44	15°11'26	7♌12	6°38	20°20	27°22	1°41	20°51	28°47	2°25	21°14	22°51	23°19	16°59	23°28	M 7
T 8	19 4 40	16° 8'40	20°49	8°13	21°31	27°59	1°37	20°58	28°46	2°24	21°15	22°51	23°16	17° 6	23°26	T 8
W 9	19 8 37	17° 5'54	4♍ 3	9°46	22°42	28°35	1°33	21° 5	28°44	2°22	21°16	22°52	23°13	17°13	23°25	W 9
T 10	19 12 33	18° 3'07	16°55	11°17	23°52	29°12	1°30	21°13	28°43	2°20	21°18	22°53	23°10	17°20	23°23	T 10
F 11	19 16 30	19° 0'21	29°27	12°45	25° 3	29°48	1°27	21°20	28°41	2°19	21°19	22°53	23° 6	17°26	23°22	F 11
S 12	19 20 26	19°57'34	11♎43	14°11	26°13	0♍25	1°24	21°27	28°40	2°17	21°20	22°53	23° 3	17°33	23°21	S 12
S 13	19 24 23	20°54'47	23°46	15°35	27°24	1° 1	1°21	21°34	28°39	2°16	21°21	22°R53	23° 0	17°40	23°20	S 13
M14	19 28 19	21°52'00	5♏42	16°57	28°34	1°38	1°18	21°41	28°38	2°14	21°23	22°53	22°57	17°46	23°19	M14
T 15	19 32 16	22°49'13	17°35	18°16	29°45	2°15	1°16	21°49	28°37	2°13	21°24	22°D53	22°54	17°53	23°18	T 15
W16	19 36 13	23°46'26	29°28	19°33	0♍55	2°51	1°13	21°56	28°36	2°11	21°25	22°53	22°51	18° 0	23°17	W16
T 17	19 40 9	24°43'40	11♐27	20°47	2° 5	3°28	1°11	22° 3	28°35	2°10	21°26	22°53	22°47	18° 7	23°16	T 17
F 18	19 44 6	25°40'53	23°34	21°59	3°15	4° 5	1° 9	22°10	28°34	2° 8	21°27	22°54	22°44	18°13	23°16	F 18
S 19	19 48 2	26°38'07	5♑53	23° 8	4°25	4°42	1° 7	22°17	28°33	2° 7	21°29	22°54	22°41	18°20	23°15	S 19
S 20	19 51 59	27°35'21	18°24	24°15	5°35	5°19	1° 6	22°23	28°32	2° 6	21°30	22°R54	22°38	18°27	23°15	S 20
M21	19 55 55	28°32'35	1♒10	25°19	6°45	5°56	1° 4	22°30	28°31	2° 4	21°31	22°54	22°35	18°33	23°15	M21
T 22	19 59 52	29°29'49	14°11	26°20	7°55	6°32	1° 3	22°37	28°30	2° 3	21°32	22°54	22°31	18°40	23°14	T 22
W23	20 3 48	0♌27'05	27°27	27°19	9° 5	7° 9	1° 2	22°44	28°29	2° 1	21°33	22°53	22°28	18°47	23°D14	W23
T 24	20 7 45	1°24'20	10♓57	28°14	10°14	7°46	1° 1	22°51	28°29	2° 0	21°34	22°52	22°25	18°53	23°14	T 24
F 25	20 11 42	2°21'37	24°39	29° 6	11°24	8°23	1° 0	22°57	28°28	1°59	21°35	22°51	22°22	19° 0	23°14	F 25
S 26	20 15 38	3°18'54	8♈33	29°55	12°33	9° 0	1° 0	23° 4	28°27	1°57	21°36	22°50	22°19	19° 7	23°15	S 26
S 27	20 19 35	4°16'12	22°36	0♍40	13°43	9°38	1° 0	23°10	28°27	1°56	21°38	22°49	22°16	19°14	23°15	S 27
M28	20 23 31	5°13'31	6♉46	1°22	14°52	10°15	0°D59	23°17	28°26	1°55	21°39	22°D49	22°12	19°20	23°15	M28
T 29	20 27 28	6°10'51	21° 1	2° 0	16° 1	10°52	0°59	23°23	28°26	1°53	21°40	22°49	22° 9	19°27	23°16	T 29
W30	20 31 24	7° 8'12	5♊18	2°34	17°10	11°29	1° 0	23°30	28°25	1°52	21°41	22°50	22° 6	19°34	23°17	W30
T 31	20 35 21	8♌ 5'34	19♊36	3♍ 4	18♍19	12♍ 6	1♐ 0	23♊36	28♏25	1♑51	21♊42	22♋51	22♋ 3	19♏40	23♏17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 5	10n 8	5s 2	22n43	1n53	18n34	1n49	14n44	1n13	19s44	0n51	21n42	1s21	19s43	0n12	22s13	1n11	14n 9	9s 0	21n28	21n21	12s 9	15s18	3n29
W 2	23 1	14 40	4 28	22 19	1 51	18 13	1 48	14 32	1 12	19 44	0 50	21 43	1 21	19 43	0 12	22 13	1 11	14 9	9 0	21 29	21 22	12 11	15 17	3 29
T 3	22 56	18 19	3 37	21 55	1 49	17 52	1 48	14 19	1 12	19 43	0 50	21 43	1 21	19 42	0 11	22 13	1 11	14 9	9 0	21 29	21 22	12 13	15 17	3 29
F 4	22 51	20 47	2 31	21 29	1 45	17 30	1 47	14 7	1 11	19 42	0 50	21 44	1 21	19 42	0 11	22 13	1 11	14 9	9 0	21 29	21 23	12 16	15 16	3 29
S 5	22 45	21 51	1 16	21 2	1 41	17 7	1 47	13 54	1 11	19 42	0 50	21 44	1 21	19 42	0 11	22 13	1 11	14 9	9 0	21 29	21 23	12 18	15 16	3 29
S 6	22 40	21 27	0n 2	20 33	1 37	16 44	1 46	13 41	1 10	19 41	0 50	21 45	1 21	19 41	0 11	22 13	1 11	14 9	9 0	21 29	21 24	12 20	15 15	3 29
M 7	22 33	19 44	1 19	20 4	1 31	16 21	1 45	13 28	1 10	19 40	0 49	21 45	1 21	19 41	0 11	22 13	1 11	14 9	9 0	21 29	21 24	12 22	15 15	3 29
T 8	22 27	16 54	2 29	19 34	1 26	15 58	1 44	13 15	1 9	19 40	0 49	21 46	1 21	19 41	0 11	22 13	1 11	14 9	9 0	21 29	21 25	12 24	15 15	3 29
W 9	22 20	13 16	3 29	19 4	1 19	15 34	1 43	13 2	1 9	19 39	0 49	21 46	1 21	19 41	0 11	22 13	1 11	14 9	9 0	21 29	21 25	12 27	15 14	3 29
T 10	22 12	9 6	4 17	18 33	1 13	15 9	1 42	12 49	1 8	19 39	0 49	21 47	1 21	19 40	0 11	22 13	1 11	14 9	9 0	21 29	21 26	12 29	15 14	3 29
F 11	22 4	4 40	4 51	18 1	1 5	14 44	1 41	12 35	1 8	19 38	0 48	21 47	1 21	19 40	0 11	22 13	1 11	14 9	9 0	21 29	21 27	12 31	15 14	3 29
S 12	21 56	0 9	5 11	17 29	0 58	14 19	1 39	12 22	1 7	19 38	0 48	21 48	1 21	19 40	0 11	22 13	1 11	14 9	9 0	21 29	21 27	12 33	15 13	3 29
S 13	21 48	4s18	5 17	16 56	0 49	13 54	1 38	12 8	1 7	19 38	0 48	21 48	1 21	19 39	0 11	22 13	1 11	14 9	9 0	21 29	21 28	12 35	15 13	3 29
M14	21 39	8 33	5 9	16 24	0 41	13 28	1 36	11 55	1 6	19 37	0 48	21 49	1 21	19 39	0 11	22 13	1 11	14 9	9 0	21 29	21 28	12 38	15 13	3 29
T 15	21 29	12 27	4 48	15 51	0 32	13 2	1 35	11 41	1 6	19 37	0 48	21 49	1 21	19 39	0 11	22 13	1 11	14 9	9 0	21 29	21 29	12 40	15 13	3 29
W16	21 20	15 52	4 15	15 18	0 22	12 35	1 33	11 28	1 5	19 37	0 47	21 50	1 21	19 39	0 11	22 13	1 11	14 9	9 0	21 29	21 29	12 42	15 13	3 28
T 17	21 10	18 40	3 30	14 45	0 12	12 9	1 31	11 14	1 5	19 37	0 47	21 50	1 21	19 39	0 11	22 13	1 11	14 9	9 0	21 29	21 30	12 44	15 13	3 28
F 18	20 59	20 40	2 36	14 12	0 2	11 42	1 29	11 0	1 4	19 36	0 47	21 50	1 21	19 38	0 11	22 13	1 11	14 9	9 1	21 29	21 30	12 46	15 13	3 28
S 19	20 49	21 44	1 33	13 40	0s 8	11 14	1 28	10 46	1 4	19 36	0 47	21 51	1 21	19 38	0 11	22 13	1 11	14 9	9 1	21 29	21 31	12 48	15 13	3 28
S 20	20 38	21 45	0 25	13 7	0 19	10 47	1 25	10 32	1 3	19 36	0 46	21 51	1 21	19 38	0 11	22 14	1 11	14 9	9 1	21 29	21 31	12 51	15 13	3 28
M21	20 26	20 37	0s46	12 35	0 31	10 19	1 23	10 18	1 3	19 36	0 46	21 52	1 21	19 38	0 11	22 14	1 11	14 9	9 1	21 29	21 32	12 53	15 13	3 28
T 22	20 14	18 24	1 55	12 4	0 42	9 51	1 21	10 4	1 2	19 36	0 46	21 52	1 21	19 38	0 11	22 14	1 11	14 9	9 1	21 29	21 32	12 55	15 13	3 28
W23	20 2	15 10	3 0	11 33	0 54	9 23	1 19	9 50	1 1	19 36	0 46	21 52	1 21	19 38	0 11	22 14	1 11	14 9	9 1	21 29	21 33	12 57	15 13	3 28
T 24	19 50	11 5	3 56	11 3	1 6	8 54	1 16	9 35	1 1	19 36	0 45	21 53	1 21	19 37	0 11	22 14	1 10	14 9	9 1	21 29	21 33	12 59	15 13	3 28
F 25	19 37	6 23	4 39	10 33	1 18	8 25	1 14	9 21	1 0	19 36	0 45	21 53	1 21	19 37	0 11	22 14	1 10	14 9	9 1	21 29	21 34	13 2	15 13	3 28
S 26	19 24	1 19	5 7	10 5	1 31	7 57	1 11	9 7	1 0	19 36	0 45	21 53	1 21	19 37	0 11	22 14	1 10	14 9	9 1	21 29	21 34	13 4	15 13	3 28
S 27	19 10	3n53	5 16	9 37	1 43	7 28	1 9	8 52	0 59	19 37	0 45	21 54	1 21	19 37	0 11	22 14	1 10	14 9	9 1	21 29	21 35	13 6	15 13	3 27
M28	18 57	8 55	5 7	9 10	1 56	6 58	1 6	8 38	0 59	19 37	0 45	21 54	1 21	19 37	0 11	22 14	1 10	14 9	9 1	21 29	21 35	13 8	15 13	3 27
T 29	18 43	13 30	4 39	8 45	2 9	6 29	1 3	8 23	0 58	19 37	0 44	21 54	1 21	19 37	0 11	22 14	1 10	14 9	9 1	21 29	21 36	13 10	15 14	3 27
W30	18 28	17 20	3 54	8 21	2 22	5 59	1 0	8 9	0 58	19 37	0 44	21 55	1 21	19 37	0 11	22 14	1 10	14 9	9 1	21 29	21 36	13 12	15 14	3 27
T 31	18n14	20n 7	2s54	7n58	2s35	5n30	0n57	7n54	0n57	19s38	0n44	21n55	1s21	19s37	0n11	22s14	1n10	14n 9	9s 2	21n29	21n37	13s15	15s14	3n27

Julian Day Number = 2506147.5, Delta T = 121.32 sec
Ecliptic obliquity = 23°25'07, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°49'45, Lahiri = 25°56'46

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ASTRODIENST EPHEMERIS for the year 2149
geocentric

AUGUST 2149 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 39 17	9♌ 2'57	3♋49	3♍30	19♍28	12♍44	1♐ 1	23♊42	28°R25	1°R50	21♊43	22♋52	22♋ 0	19♏47	23♏18	F 1
S 2	20 43 14	10° 0'21	17°56	3°51	20°37	13°21	1° 1	23°49	28♏24	1♑49	21°44	22°R53	21°57	19°54	23°19	S 2
S 3	20 47 11	10°57'46	1♌51	4° 8	21°46	13°58	1° 2	23°55	28°24	1°47	21°45	22°53	21°53	20° 1	23°20	S 3
M 4	20 51 7	11°55'12	15°33	4°20	22°54	14°36	1° 3	24° 1	28°24	1°46	21°46	22°52	21°50	20° 7	23°21	M 4
T 5	20 55 4	12°52'39	28°58	4°27	24° 3	15°13	1° 5	24° 7	28°24	1°45	21°47	22°50	21°47	20°14	23°23	T 5
W 6	20 59 0	13°50'06	12♍ 5	4°R29	25°11	15°51	1° 6	24°13	28°24	1°44	21°48	22°47	21°44	20°21	23°24	W 6
T 7	21 2 57	14°47'34	24°54	4°26	26°19	16°28	1° 8	24°19	28°D24	1°43	21°48	22°44	21°41	20°27	23°25	T 7
F 8	21 6 53	15°45'03	7♎25	4°18	27°28	17° 6	1°10	24°25	28°24	1°42	21°49	22°40	21°37	20°34	23°27	F 8
S 9	21 10 50	16°42'33	19°40	4° 4	28°36	17°43	1°12	24°31	28°24	1°41	21°50	22°37	21°34	20°41	23°29	S 9
S 10	21 14 46	17°40'03	1♏44	3°45	29°44	18°21	1°14	24°36	28°24	1°40	21°51	22°35	21°31	20°47	23°30	S 10
M11	21 18 43	18°37'35	13°40	3°21	0♎51	18°59	1°16	24°42	28°24	1°39	21°52	22°D34	21°28	20°54	23°32	M11
T 12	21 22 40	19°35'07	25°32	2°52	1°59	19°36	1°19	24°48	28°25	1°38	21°53	22°34	21°25	21° 1	23°34	T 12
W13	21 26 36	20°32'40	7♐26	2°18	3° 7	20°14	1°22	24°53	28°25	1°37	21°54	22°35	21°22	21° 8	23°36	W13
T 14	21 30 33	21°30'13	19°26	1°39	4°14	20°52	1°24	24°59	28°25	1°36	21°54	22°37	21°18	21°14	23°38	T 14
F 15	21 34 29	22°27'48	1♑36	0°57	5°21	21°30	1°28	25° 4	28°26	1°35	21°55	22°39	21°15	21°21	23°41	F 15
S 16	21 38 26	23°25'24	14° 1	0°12	6°28	22° 8	1°31	25° 9	28°26	1°34	21°56	22°40	21°12	21°28	23°43	S 16
S 17	21 42 22	24°23'01	26°44	29♌23	7°35	22°45	1°34	25°15	28°27	1°33	21°57	22°R40	21° 9	21°34	23°45	S 17
M18	21 46 19	25°20'39	9♒46	28°34	8°42	23°23	1°38	25°20	28°27	1°33	21°57	22°39	21° 6	21°41	23°48	M18
T 19	21 50 15	26°18'18	23° 8	27°43	9°49	24° 1	1°42	25°25	28°28	1°32	21°58	22°36	21° 3	21°48	23°51	T 19
W20	21 54 12	27°15'58	6♓49	26°52	10°56	24°39	1°46	25°30	28°29	1°31	21°59	22°32	20°59	21°55	23°53	W20
T 21	21 58 9	28°13'39	20°46	26° 2	12° 2	25°17	1°50	25°35	28°29	1°30	21°59	22°27	20°56	22° 1	23°56	T 21
F 22	22 2 5	29°11'22	4♈55	25°15	13° 8	25°55	1°54	25°40	28°30	1°30	22° 0	22°21	20°53	22° 8	23°59	F 22
S 23	22 6 2	0♍ 9'07	19°12	24°30	14°14	26°34	1°58	25°45	28°31	1°29	22° 1	22°16	20°50	22°15	24° 2	S 23
S 24	22 9 58	1° 6'53	3♉31	23°50	15°20	27°12	2° 3	25°49	28°32	1°28	22° 1	22°12	20°47	22°21	24° 5	S 24
M25	22 13 55	2° 4'40	17°49	23°14	16°26	27°50	2° 8	25°54	28°33	1°28	22° 2	22° 9	20°43	22°28	24° 8	M25
T 26	22 17 51	3° 2'30	2♊ 3	22°44	17°32	28°28	2°12	25°58	28°34	1°27	22° 3	22°D 9	20°40	22°35	24°12	T 26
W27	22 21 48	4° 0'21	16° 9	22°21	18°37	29° 6	2°18	26° 3	28°35	1°27	22° 3	22° 9	20°37	22°41	24°15	W27
T 28	22 25 44	4°58'15	0♋ 8	22° 5	19°42	29°45	2°23	26° 7	28°36	1°26	22° 4	22°10	20°34	22°48	24°19	T 28
F 29	22 29 41	5°56'10	13°58	21°56	20°47	0♎23	2°28	26°12	28°37	1°26	22° 4	22°11	20°31	22°55	24°22	F 29
S 30	22 33 37	6°54'06	27°39	21°D55	21°52	1° 2	2°34	26°16	28°38	1°25	22° 5	22°R12	20°28	23° 2	24°26	S 30
S 31	22 37 34	7♍52'05	11♌ 9	22♌ 2	22♎57	1♎40	2♐39	26♊20	28♏39	1♑25	22♊ 5	22♋10	20♋24	23♏ 8	24♏30	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n59	21n38	1s43	7n37	2s47	5n 0	0n54	7n39	0n57	19s38	0n44	21n55	1s21	19s37	0n11	22s14	1n10	14n 9	9s 2	21n29	21n37	13s17	15s14	3n27
S 2	17 43	21 46	0 27	7 17	3 0	4 30	0 51	7 24	0 56	19 38	0 43	21 55	1 21	19 37	0 11	22 14	1 10	14 9	9 2	21 29	21 38	13 19	15 15	3 27
S 3	17 28	20 32	0n49	6 59	3 13	4 0	0 48	7 10	0 56	19 39	0 43	21 56	1 21	19 37	0 11	22 14	1 10	14 9	9 2	21 29	21 38	13 21	15 15	3 27
M 4	17 12	18 6	2 2	6 44	3 25	3 30	0 44	6 55	0 55	19 39	0 43	21 56	1 21	19 37	0 11	22 14	1 10	14 9	9 2	21 29	21 39	13 23	15 16	3 27
T 5	16 56	14 44	3 6	6 30	3 37	2 59	0 41	6 40	0 55	19 40	0 43	21 56	1 21	19 37	0 11	22 14	1 10	14 9	9 2	21 29	21 39	13 25	15 16	3 27
W 6	16 40	10 42	3 59	6 19	3 48	2 29	0 37	6 25	0 54	19 40	0 43	21 56	1 21	19 37	0 11	22 14	1 10	14 9	9 2	21 30	21 40	13 27	15 16	3 26
T 7	16 23	6 17	4 38	6 10	3 59	1 59	0 34	6 10	0 54	19 41	0 42	21 57	1 21	19 37	0 11	22 14	1 10	14 9	9 2	21 30	21 41	13 30	15 17	3 26
F 8	16 6	1 42	5 3	6 3	4 9	1 28	0 30	5 55	0 53	19 41	0 42	21 57	1 21	19 37	0 11	22 14	1 10	14 9	9 2	21 31	21 41	13 32	15 17	3 26
S 9	15 49	2s51	5 14	6 0	4 18	0 58	0 26	5 39	0 53	19 42	0 42	21 57	1 21	19 37	0 11	22 15	1 10	14 8	9 3	21 31	21 42	13 34	15 18	3 26
S 10	15 31	7 13	5 10	5 58	4 27	0 27	0 23	5 24	0 52	19 43	0 42	21 57	1 21	19 37	0 11	22 15	1 10	14 8	9 3	21 32	21 42	13 36	15 18	3 26
M11	15 14	11 16	4 53	6 0	4 34	0s 3	0 19	5 9	0 52	19 43	0 41	21 57	1 21	19 37	0 11	22 15	1 10	14 8	9 3	21 32	21 43	13 38	15 19	3 26
T 12	14 56	14 52	4 24	6 5	4 40	0 34	0 15	4 54	0 51	19 44	0 41	21 58	1 21	19 37	0 11	22 15	1 10	14 8	9 3	21 32	21 43	13 40	15 20	3 26
W13	14 38	17 52	3 43	6 12	4 45	1 4	0 11	4 38	0 51	19 45	0 41	21 58	1 21	19 37	0 11	22 15	1 10	14 8	9 3	21 32	21 43	13 43	15 20	3 26
T 14	14 19	20 8	2 52	6 23	4 48	1 35	0 7	4 23	0 50	19 46	0 41	21 58	1 22	19 37	0 11	22 15	1 10	14 8	9 3	21 31	21 44	13 45	15 21	3 26
F 15	14 1	21 32	1 53	6 36	4 50	2 5	0 2	4 8	0 50	19 46	0 40	21 58	1 22	19 37	0 11	22 15	1 10	14 8	9 3	21 31	21 44	13 47	15 22	3 25
S 16	13 42	21 54	0 47	6 52	4 50	2 36	0s 2	3 52	0 49	19 47	0 40	21 58	1 22	19 37	0 11	22 15	1 10	14 8	9 3	21 31	21 45	13 49	15 22	3 25
S 17	13 23	21 9	0s22	7 10	4 48	3 6	0 6	3 37	0 48	19 48	0 40	21 58	1 22	19 37	0 11	22 15	1 10	14 8	9 4	21 31	21 45	13 51	15 23	3 25
M18	13 4	19 16	1 32	7 31	4 45	3 37	0 11	3 21	0 48	19 49	0 40	21 59	1 22	19 38	0 11	22 15	1 10	14 8	9 4	21 31	21 46	13 53	15 24	3 25
T 19	12 44	16 17	2 39	7 53	4 39	4 7	0 15	3 6	0 47	19 50	0 40	21 59	1 22	19 38	0 11	22 15	1 10	14 8	9 4	21 32	21 46	13 55	15 24	3 25
W20	12 25	12 22	3 37	8 17	4 31	4 37	0 20	2 50	0 47	19 51	0 39	21 59	1 22	19 38	0 11	22 15	1 10	14 8	9 4	21 32	21 47	13 57	15 25	3 25
T 21	12 5	7 42	4 24	8 43	4 22	5 7	0 24	2 35	0 46	19 52	0 39	21 59	1 22	19 38	0 11	22 15	1 9	14 7	9 4	21 33	21 47	14 0	15 26	3 25
F 22	11 45	2 35	4 56	9 9	4 11	5 37	0 29	2 19	0 46	19 53	0 39	21 59	1 22	19 38	0 11	22 15	1 9	14 7	9 4	21 34	21 48	14 2	15 27	3 25
S 23	11 25	2n44	5 10	9 36	3 58	6 7	0 33	2 4	0 45	19 54	0 39	21 59	1 22	19 38	0 11	22 15	1 9	14 7	9 4	21 35	21 48	14 4	15 28	3 24
S 24	11 4	7 54	5 4	10 2	3 44	6 37	0 38	1 48	0 45	19 55	0 39	21 59	1 22	19 39	0 11	22 15	1 9	14 7	9 5	21 36	21 49	14 6	15 28	3 24
M25	10 44	12 39	4 40	10 28	3 29	7 7	0 43	1 32	0 44	19 57	0 38	21 59	1 22	19 39	0 10	22 15	1 9	14 7	9 5	21 36	21 49	14 8	15 29	3 24
T 26	10 23	16 39	3 58	10 53	3 13	7 37	0 48	1 17	0 44	19 58	0 38	21 59	1 22	19 39	0 10	22 15	1 9	14 7	9 5	21 36	21 50	14 10	15 30	3 24
W27	10 2	19 40	3 3	11 17	2 55	8 6	0 53	1 1	0 43	19 59	0 38	21 59	1 22	19 39	0 10	22 15	1 9	14 7	9 5	21 36	21 50	14 12	15 31	3 24
T 28	9 41	21 29	1 57	11 39	2 38	8 35	0 58	0 45	0 43	20 0	0 38	22 0	1 22	19 40	0 10	22 15	1 9	14 7	9 5	21 36	21 51	14 14	15 32	3 24
F 29	9 20	21 57	0 44	11 59	2 19	9 5	1 3	0 29	0 42	20 1	0 38	22 0	1 22	19 40	0 10	22 16	1 9	14 7	9 5	21 36	21 51	14 17	15 33	3 24
S 30	8 58	21 6	0n29	12 17	2 1	9 34	1 8	0 14	0 42	20 3	0 37	22 0	1 22	19 40	0 10	22 16	1 9	14 6	9 5	21 36	21 52	14 19	15 34	3 24
S 31	8n37	19n 2	1n41	12n32	1s42	10s 2	1s13	0s 2	0n41	20s 4	0n37	22n 0	1s22	19s40	0n10	22s16	1n 9	14n 6	9s 6	21n36	21n52	14s21	15s35	3n24

Julian Day Number = 2506178.5, Delta T = 121.37 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°49'50, Lahiri = 25°56'50

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ASTRODIENST EPHEMERIS for the year 2149
geocentric

SEPTEMBER 2149 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 41 31	8♍50'05	24♌28	22♌17	24♎ 1	2♎19	2♐45	26♊24	28♏41	1°R25	22♊ 6	22°R 6	20♋21	23♏15	24♏34	M 1
T 2	22 45 27	9°48'07	7♍34	22°41	25° 6	2°57	2°51	26°28	28°42	1♑24	22° 6	22♋ 0	20°18	23°22	24°37	T 2
W 3	22 49 24	10°46'10	20°26	23°13	26°10	3°36	2°57	26°32	28°43	1°24	22° 6	21°52	20°15	23°28	24°42	W 3
T 4	22 53 20	11°44'15	3♎ 5	23°53	27°14	4°14	3° 4	26°36	28°45	1°24	22° 7	21°43	20°12	23°35	24°46	T 4
F 5	22 57 17	12°42'21	15°30	24°40	28°17	4°53	3°10	26°39	28°46	1°23	22° 7	21°34	20° 9	23°42	24°50	F 5
S 6	23 1 13	13°40'29	27°42	25°35	29°21	5°32	3°17	26°43	28°48	1°23	22° 8	21°26	20° 5	23°48	24°54	S 6
S 7	23 5 10	14°38'38	9♏43	26°38	0♏24	6°10	3°23	26°46	28°49	1°23	22° 8	21°19	20° 2	23°55	24°58	S 7
M 8	23 9 6	15°36'49	21°37	27°47	1°27	6°49	3°30	26°50	28°51	1°23	22° 8	21°13	19°59	24° 2	25° 3	M 8
T 9	23 13 3	16°35'02	3♐28	29° 2	2°29	7°28	3°37	26°53	28°53	1°23	22° 8	21°10	19°56	24° 9	25° 7	T 9
W10	23 17 0	17°33'16	15°19	0♍24	3°32	8° 7	3°44	26°56	28°55	1°22	22° 9	21°D 9	19°53	24°15	25°12	W10
T 11	23 20 56	18°31'31	27°17	1°50	4°34	8°46	3°52	26°59	28°56	1°22	22° 9	21°10	19°49	24°22	25°17	T 11
F 12	23 24 53	19°29'48	9♑27	3°21	5°36	9°25	3°59	27° 2	28°58	1°22	22° 9	21°10	19°46	24°29	25°21	F 12
S 13	23 28 49	20°28'07	21°53	4°57	6°37	10° 4	4° 7	27° 5	29° 0	1°D22	22° 9	21°R11	19°43	24°35	25°26	S 13
S 14	23 32 46	21°26'27	4♒40	6°36	7°38	10°43	4°14	27° 8	29° 2	1°22	22°10	21°10	19°40	24°42	25°31	S 14
M15	23 36 42	22°24'48	17°51	8°18	8°39	11°22	4°22	27°11	29° 4	1°22	22°10	21° 7	19°37	24°49	25°36	M15
T 16	23 40 39	23°23'12	1♓28	10° 3	9°40	12° 1	4°30	27°13	29° 6	1°23	22°10	21° 2	19°34	24°55	25°41	T 16
W17	23 44 35	24°21'37	15°29	11°50	10°40	12°40	4°38	27°16	29° 8	1°23	22°10	20°54	19°30	25° 2	25°46	W17
T 18	23 48 32	25°20'03	29°51	13°39	11°40	13°19	4°46	27°18	29°10	1°23	22°10	20°45	19°27	25° 9	25°52	T 18
F 19	23 52 29	26°18'32	14♈27	15°28	12°40	13°58	4°55	27°21	29°12	1°23	22°10	20°35	19°24	25°16	25°57	F 19
S 20	23 56 25	27°17'03	29°11	17°19	13°39	14°38	5° 3	27°23	29°14	1°23	22°10	20°25	19°21	25°22	26° 2	S 20
S 21	0 0 22	28°15'35	13♉54	19°11	14°38	15°17	5°12	27°25	29°16	1°23	22°10	20°17	19°18	25°29	26° 8	S 21
M22	0 4 18	29°14'10	28°30	21° 3	15°36	15°56	5°20	27°27	29°19	1°24	22°R10	20°11	19°14	25°36	26°13	M22
T 23	0 8 15	0♎12'47	12♊53	22°55	16°34	16°36	5°29	27°29	29°21	1°24	22°10	20° 8	19°11	25°42	26°19	T 23
W24	0 12 11	1°11'27	27° 1	24°46	17°32	17°15	5°38	27°31	29°23	1°24	22°10	20°D 7	19° 8	25°49	26°24	W24
T 25	0 16 8	2°10'09	10♋53	26°38	18°29	17°55	5°47	27°32	29°26	1°25	22°10	20° 7	19° 5	25°56	26°30	T 25
F 26	0 20 4	3° 8'53	24°29	28°29	19°26	18°34	5°56	27°34	29°28	1°25	22°10	20°R 7	19° 2	26° 2	26°36	F 26
S 27	0 24 1	4° 7'39	7♌50	0♎20	20°22	19°14	6° 6	27°35	29°31	1°26	22°10	20° 6	18°59	26° 9	26°42	S 27
S 28	0 27 58	5° 6'27	20°59	2°10	21°18	19°54	6°15	27°37	29°33	1°26	22°10	20° 2	18°55	26°16	26°48	S 28
M29	0 31 54	6° 5'18	3♍56	3°59	22°13	20°33	6°25	27°38	29°36	1°27	22°10	19°56	18°52	26°22	26°54	M29
T 30	0 35 51	7♎ 4'10	16♍42	5♎48	23♏ 8	21♎13	6♐34	27♊39	29♏38	1♑27	22♊ 9	19♋47	18♋49	26♏29	27♏ 0	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n15	15n57	2n45	12n45	1s24	10s31	1s18	0s18	0n40	20s 5	0n37	22n 0	1s22	19s41	0n10	22s16	1n 9	14n 6	9s 6	21n36	21n53	14s23	15s36	3n24
T 2	7 53	12 7	3 40	12 54	1 6	10 59	1 23	0 34	0 40	20 7	0 37	22 0	1 23	19 41	0 10	22 16	1 9	14 6	9 6	21 37	21 53	14 25	15 37	3 23
W 3	7 31	7 48	4 22	13 0	0 48	11 28	1 28	0 49	0 39	20 8	0 37	22 0	1 23	19 41	0 10	22 16	1 9	14 6	9 6	21 39	21 54	14 27	15 38	3 23
T 4	7 9	3 13	4 50	13 3	0 31	11 56	1 33	1 5	0 39	20 9	0 36	22 0	1 23	19 42	0 10	22 16	1 9	14 6	9 6	21 40	21 54	14 29	15 39	3 23
F 5	6 47	1s25	5 4	13 3	0 15	12 23	1 39	1 21	0 38	20 11	0 36	22 0	1 23	19 42	0 10	22 16	1 9	14 6	9 6	21 42	21 55	14 31	15 40	3 23
S 6	6 25	5 54	5 4	12 59	0n 0	12 51	1 44	1 37	0 38	20 12	0 36	22 0	1 23	19 42	0 10	22 16	1 9	14 6	9 6	21 43	21 55	14 33	15 41	3 23
S 7	6 3	10 7	4 51	12 52	0 15	13 18	1 49	1 53	0 37	20 14	0 36	22 0	1 23	19 43	0 10	22 16	1 9	14 5	9 7	21 44	21 56	14 35	15 43	3 23
M 8	5 40	13 54	4 25	12 41	0 28	13 45	1 54	2 9	0 37	20 15	0 36	22 0	1 23	19 43	0 10	22 16	1 9	14 5	9 7	21 45	21 56	14 38	15 44	3 23
T 9	5 17	17 7	3 47	12 26	0 41	14 12	2 0	2 24	0 36	20 17	0 35	22 0	1 23	19 44	0 10	22 16	1 9	14 5	9 7	21 45	21 56	14 40	15 45	3 23
W10	4 55	19 38	3 0	12 9	0 53	14 39	2 5	2 40	0 36	20 18	0 35	22 0	1 23	19 44	0 10	22 16	1 9	14 5	9 7	21 45	21 57	14 42	15 46	3 23
T 11	4 32	21 19	2 4	11 48	1 3	15 5	2 10	2 56	0 35	20 20	0 35	22 0	1 23	19 44	0 10	22 16	1 9	14 5	9 7	21 45	21 57	14 44	15 47	3 23
F 12	4 9	22 3	1 2	11 23	1 12	15 31	2 16	3 12	0 35	20 21	0 35	22 0	1 23	19 45	0 10	22 16	1 9	14 5	9 7	21 45	21 58	14 46	15 48	3 23
S 13	3 46	21 42	0s 4	10 56	1 21	15 56	2 21	3 28	0 34	20 23	0 35	22 0	1 23	19 45	0 10	22 16	1 8	14 5	9 8	21 45	21 58	14 48	15 50	3 23
S 14	3 23	20 14	1 11	10 26	1 28	16 21	2 27	3 43	0 33	20 25	0 34	22 0	1 23	19 46	0 10	22 16	1 8	14 4	9 8	21 45	21 59	14 50	15 51	3 22
M15	3 0	17 39	2 17	9 54	1 34	16 46	2 32	3 59	0 33	20 26	0 34	22 0	1 23	19 46	0 10	22 16	1 8	14 4	9 8	21 46	21 59	14 52	15 52	3 22
T 16	2 37	14 1	3 17	9 19	1 39	17 11	2 37	4 15	0 32	20 28	0 34	22 0	1 23	19 47	0 10	22 16	1 8	14 4	9 8	21 47	22 0	14 54	15 53	3 22
W17	2 14	9 31	4 7	8 42	1 43	17 35	2 43	4 31	0 32	20 30	0 34	22 0	1 24	19 47	0 10	22 16	1 8	14 4	9 8	21 48	22 0	14 56	15 55	3 22
T 18	1 51	4 23	4 43	8 3	1 46	17 59	2 48	4 46	0 31	20 31	0 34	22 0	1 24	19 47	0 10	22 16	1 8	14 4	9 8	21 49	22 1	14 58	15 56	3 22
F 19	1 28	1n 4	5 1	7 23	1 48	18 23	2 54	5 2	0 31	20 33	0 33	22 0	1 24	19 48	0 10	22 17	1 8	14 4	9 8	21 51	22 1	15 0	15 57	3 22
S 20	1 5	6 30	4 59	6 41	1 49	18 46	2 59	5 18	0 30	20 35	0 33	22 0	1 24	19 48	0 10	22 17	1 8	14 4	9 9	21 52	22 1	15 3	15 58	3 22
S 21	0 41	11 35	4 38	5 58	1 50	19 9	3 4	5 34	0 30	20 36	0 33	22 0	1 24	19 49	0 10	22 17	1 8	14 3	9 9	21 53	22 2	15 5	16 0	3 22
M22	0 18	15 56	3 58	5 14	1 50	19 31	3 10	5 49	0 29	20 38	0 33	22 0	1 24	19 49	0 10	22 17	1 8	14 3	9 9	21 54	22 2	15 7	16 1	3 22
T 23	0s 5	19 17	3 4	4 29	1 49	19 53	3 15	6 5	0 29	20 40	0 33	22 0	1 24	19 50	0 10	22 17	1 8	14 3	9 9	21 55	22 3	15 9	16 2	3 22
W24	0 28	21 24	1 59	3 43	1 47	20 15	3 20	6 20	0 28	20 41	0 33	22 0	1 24	19 50	0 10	22 17	1 8	14 3	9 9	21 55	22 3	15 11	16 4	3 22
T 25	0 52	22 10	0 49	2 57	1 45	20 36	3 25	6 36	0 27	20 43	0 32	22 0	1 24	19 51	0 10	22 17	1 8	14 3	9 9	21 55	22 4	15 13	16 5	3 22
F 26	1 15	21 35	0n23	2 10	1 42	20 57	3 31	6 52	0 27	20 45	0 32	22 0	1 24	19 52	0 10	22 17	1 8	14 3	9 10	21 55	22 4	15 15	16 6	3 22
S 27	1 38	19 47	1 32	1 23	1 39	21 17	3 36	7 7	0 26	20 47	0 32	22 0	1 24	19 52	0 10	22 17	1 8	14 2	9 10	21 55	22 5	15 17	16 8	3 22
S 28	2 2	16 57	2 36	0 36	1 35	21 37	3 41	7 23	0 26	20 49	0 32	22 0	1 24	19 53	0 10	22 17	1 8	14 2	9 10	21 55	22 5	15 19	16 9	3 22
M29	2 25	13 19	3 30	0s11	1 31	21 57	3 46	7 38	0 25	20 50	0 32	21 59	1 24	19 53	0 10	22 17	1 8	14 2	9 10	21 56	22 6	15 21	16 10	3 22
T 30	2s48	9n 7	4n12	0s58	1n27	22s16	3s51	7s53	0n25	20s52	0n32	21n59	1s24	19s54	0n10	22s17	1n 8	14n 2	9s10	21n58	22n 6	15s23	16s12	3n22

Julian Day Number = 2506209.5, Delta T = 121.43 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°49'54, Lahiri = 25°56'54

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 2149
geocentric

OCTOBER 2149 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 39 47	8♎ 3'05	29♍17	7♎36	24♏ 3	21♎53	6♐44	27♊40	29♏41	1♑28	22°R 9	19°R35	18♋46	26♏36	27♏ 6	W 1
T 2	0 43 44	9° 2'02	11♎42	9°23	24°56	22°33	6°54	27°41	29°43	1°29	22♊ 9	19♋22	18°43	26°43	27°12	T 2
F 3	0 47 40	10° 1'01	23°56	11° 9	25°50	23°13	7° 4	27°42	29°46	1°29	22° 9	19° 8	18°40	26°49	27°18	F 3
S 4	0 51 37	11° 0'01	6♏ 2	12°54	26°42	23°52	7°14	27°43	29°49	1°30	22° 8	18°55	18°36	26°56	27°24	S 4
S 5	0 55 33	11°59'04	17°59	14°38	27°34	24°32	7°24	27°43	29°52	1°31	22° 8	18°43	18°33	27° 3	27°31	S 5
M 6	0 59 30	12°58'08	29°50	16°22	28°26	25°12	7°34	27°44	29°54	1°31	22° 8	18°34	18°30	27° 9	27°37	M 6
T 7	1 3 26	13°57'15	11♐38	18° 5	29°16	25°52	7°44	27°44	29°57	1°32	22° 8	18°28	18°27	27°16	27°44	T 7
W 8	1 7 23	14°56'23	23°27	19°47	0♐ 6	26°33	7°55	27°44	0♐ 0	1°33	22° 7	18°25	18°24	27°23	27°50	W 8
T 9	1 11 20	15°55'33	5♑22	21°28	0°56	27°13	8° 5	27°44	0° 3	1°34	22° 7	18°23	18°20	27°29	27°57	T 9
F 10	1 15 16	16°54'45	17°29	23° 8	1°44	27°53	8°16	27°R44	0° 6	1°35	22° 6	18°23	18°17	27°36	28° 3	F 10
S 11	1 19 13	17°53'59	29°51	24°48	2°32	28°33	8°26	27°44	0° 9	1°36	22° 6	18°23	18°14	27°43	28°10	S 11
S 12	1 23 9	18°53'14	12♒36	26°27	3°19	29°13	8°37	27°44	0°12	1°36	22° 6	18°22	18°11	27°49	28°17	S 12
M13	1 27 6	19°52'31	25°47	28° 5	4° 5	29°54	8°48	27°44	0°15	1°37	22° 5	18°18	18° 8	27°56	28°23	M13
T 14	1 31 2	20°51'50	9♓26	29°42	4°50	0♏34	8°59	27°43	0°18	1°38	22° 5	18°12	18° 5	28° 3	28°30	T 14
W15	1 34 59	21°51'10	23°35	1♏18	5°34	1°15	9°10	27°43	0°21	1°39	22° 4	18° 4	18° 1	28°10	28°37	W15
T 16	1 38 55	22°50'33	8♈10	2°54	6°18	1°55	9°21	27°42	0°24	1°41	22° 4	17°53	17°58	28°16	28°44	T 16
F 17	1 42 52	23°49'57	23° 5	4°29	7° 0	2°36	9°32	27°41	0°27	1°42	22° 3	17°42	17°55	28°23	28°51	F 17
S 18	1 46 49	24°49'24	8♉11	6° 4	7°41	3°16	9°44	27°41	0°30	1°43	22° 3	17°30	17°52	28°30	28°58	S 18
S 19	1 50 45	25°48'52	23°18	7°38	8°21	3°57	9°55	27°40	0°34	1°44	22° 2	17°21	17°49	28°36	29° 5	S 19
M20	1 54 42	26°48'23	8♊16	9°11	9° 0	4°37	10° 6	27°39	0°37	1°45	22° 2	17°14	17°45	28°43	29°12	M20
T 21	1 58 38	27°47'56	22°57	10°43	9°38	5°18	10°18	27°37	0°40	1°46	22° 1	17°10	17°42	28°50	29°19	T 21
W22	2 2 35	28°47'32	7♋17	12°15	10°15	5°59	10°30	27°36	0°43	1°48	22° 0	17° 8	17°39	28°56	29°26	W22
T 23	2 6 31	29°47'10	21°13	13°46	10°50	6°40	10°41	27°35	0°47	1°49	22° 0	17°D 8	17°36	29° 3	29°33	T 23
F 24	2 10 28	0♏46'50	4♌48	15°17	11°24	7°20	10°53	27°33	0°50	1°50	21°59	17°R 8	17°33	29°10	29°40	F 24
S 25	2 14 24	1°46'32	18° 2	16°47	11°57	8° 1	11° 5	27°32	0°53	1°51	21°58	17° 7	17°30	29°16	29°48	S 25
S 26	2 18 21	2°46'16	0♍58	18°17	12°28	8°42	11°17	27°30	0°57	1°53	21°58	17° 4	17°26	29°23	29°55	S 26
M27	2 22 18	3°46'03	13°40	19°46	12°58	9°23	11°29	27°28	1° 0	1°54	21°57	16°58	17°23	29°30	0♐ 2	M27
T 28	2 26 14	4°45'52	26°10	21°14	13°26	10° 4	11°41	27°26	1° 4	1°56	21°56	16°50	17°20	29°36	0° 9	T 28
W29	2 30 11	5°45'43	8♎30	22°41	13°53	10°45	11°53	27°24	1° 7	1°57	21°56	16°38	17°17	29°43	0°17	W29
T 30	2 34 7	6°45'36	20°41	24° 8	14°18	11°27	12° 5	27°22	1°10	1°58	21°55	16°26	17°14	29°50	0°24	T 30
F 31	2 38 4	7♏45'31	2♏45	25♏35	14♐42	12♏ 8	12♐17	27♊20	1♐14	2♑ 0	21♊54	16♋12	17♋11	29♏57	0♐32	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s11	4n36	4n42	1s45	1n22	22s35	3s56	8s 9	0n24	20s54	0n31	21n59	1s25	19s54	0n10	22s17	1n 8	14n 2	9s10	21n59	22n 6	15s25	16s13	3n22
T 2	3 35	0s 3	4 57	2 32	1 17	22 53	4 1	8 24	0 23	20 56	0 31	21 59	1 25	19 55	0 10	22 17	1 8	14 2	9 10	22 1	22 7	15 27	16 15	3 22
F 3	3 58	4 39	4 59	3 18	1 12	23 10	4 6	8 39	0 23	20 58	0 31	21 59	1 25	19 55	0 10	22 17	1 8	14 1	9 11	22 3	22 7	15 29	16 16	3 22
S 4	4 21	9 0	4 47	4 5	1 6	23 28	4 11	8 55	0 22	20 59	0 31	21 59	1 25	19 56	0 10	22 17	1 7	14 1	9 11	22 5	22 8	15 31	16 17	3 22
S 5	4 44	12 58	4 22	4 50	1 0	23 45	4 15	9 10	0 22	21 1	0 31	21 59	1 25	19 57	0 10	22 17	1 7	14 1	9 11	22 7	22 8	15 33	16 19	3 22
M 6	5 7	16 24	3 47	5 36	0 54	24 1	4 20	9 25	0 21	21 3	0 31	21 59	1 25	19 57	0 10	22 17	1 7	14 1	9 11	22 8	22 9	15 35	16 20	3 22
T 7	5 30	19 10	3 1	6 21	0 48	24 17	4 24	9 40	0 21	21 5	0 30	21 59	1 25	19 58	0 10	22 17	1 7	14 1	9 11	22 9	22 9	15 37	16 22	3 22
W 8	5 53	21 8	2 8	7 5	0 42	24 32	4 29	9 55	0 20	21 7	0 30	21 59	1 25	19 59	0 10	22 17	1 7	14 1	9 11	22 9	22 9	15 39	16 23	3 22
T 9	6 16	22 10	1 8	7 49	0 35	24 47	4 33	10 10	0 20	21 8	0 30	21 59	1 25	19 59	0 10	22 17	1 7	14 0	9 12	22 9	22 10	15 41	16 25	3 22
F 10	6 38	22 12	0 5	8 33	0 28	25 1	4 37	10 25	0 19	21 10	0 30	21 59	1 25	20 0	0 10	22 17	1 7	14 0	9 12	22 9	22 10	15 43	16 26	3 22
S 11	7 1	21 9	1s 0	9 16	0 22	25 15	4 42	10 40	0 18	21 12	0 30	21 59	1 25	20 0	0 10	22 17	1 7	14 0	9 12	22 10	22 11	15 45	16 27	3 22
S 12	7 24	19 0	2 4	9 58	0 15	25 28	4 46	10 55	0 18	21 14	0 30	21 59	1 25	20 1	0 10	22 17	1 7	14 0	9 12	22 10	22 11	15 47	16 29	3 22
M13	7 46	15 48	3 4	10 39	0 8	25 41	4 50	11 9	0 17	21 16	0 30	21 59	1 25	20 2	0 10	22 17	1 7	14 0	9 12	22 10	22 12	15 49	16 30	3 22
T 14	8 8	11 39	3 55	11 20	0 1	25 53	4 53	11 24	0 17	21 18	0 29	21 59	1 25	20 2	0 10	22 17	1 7	14 0	9 12	22 11	22 12	15 52	16 32	3 22
W15	8 30	6 44	4 34	12 0	0s 6	26 5	4 57	11 39	0 16	21 19	0 29	21 58	1 26	20 3	0 10	22 18	1 7	13 59	9 12	22 12	22 12	15 54	16 33	3 22
T 16	8 53	1 18	4 56	12 40	0 13	26 16	5 0	11 53	0 16	21 21	0 29	21 58	1 26	20 4	0 10	22 18	1 7	13 59	9 12	22 14	22 13	15 56	16 35	3 22
F 17	9 15	4n20	4 59	13 19	0 20	26 27	5 4	12 8	0 15	21 23	0 29	21 58	1 26	20 4	0 10	22 18	1 7	13 59	9 13	22 15	22 13	15 58	16 36	3 22
S 18	9 36	9 47	4 41	13 57	0 26	26 37	5 7	12 22	0 14	21 25	0 29	21 58	1 26	20 5	0 10	22 18	1 7	13 59	9 13	22 16	22 14	16 0	16 38	3 22
S 19	9 58	14 39	4 4	14 34	0 33	26 47	5 10	12 36	0 14	21 27	0 29	21 58	1 26	20 6	0 10	22 18	1 7	13 59	9 13	22 18	22 14	16 2	16 39	3 22
M20	10 20	18 32	3 10	15 11	0 40	26 56	5 13	12 51	0 13	21 28	0 29	21 58	1 26	20 6	0 10	22 18	1 7	13 59	9 13	22 19	22 15	16 4	16 41	3 22
T 21	10 41	21 10	2 4	15 46	0 47	27 4	5 15	13 5	0 13	21 30	0 28	21 58	1 26	20 7	0 10	22 18	1 7	13 59	9 13	22 19	22 15	16 6	16 42	3 22
W22	11 2	22 21	0 52	16 21	0 54	27 12	5 18	13 19	0 12	21 32	0 28	21 58	1 26	20 8	0 10	22 18	1 7	13 58	9 13	22 19	22 15	16 8	16 43	3 22
T 23	11 23	22 6	0n22	16 55	1 0	27 20	5 20	13 33	0 12	21 34	0 28	21 58	1 26	20 8	0 10	22 18	1 7	13 58	9 13	22 19	22 16	16 10	16 45	3 22
F 24	11 44	20 32	1 32	17 28	1 7	27 27	5 22	13 47	0 11	21 36	0 28	21 58	1 26	20 9	0 10	22 18	1 7	13 58	9 13	22 19	22 16	16 12	16 46	3 22
S 25	12 5	17 53	2 36	18 1	1 14	27 33	5 24	14 0	0 10	21 37	0 28	21 58	1 26	20 10	0 9	22 18	1 7	13 58	9 14	22 19	22 17	16 14	16 48	3 22
S 26	12 25	14 23	3 30	18 32	1 20	27 39	5 25	14 14	0 10	21 39	0 28	21 58	1 26	20 11	0 9	22 18	1 7	13 58	9 14	22 20	22 17	16 15	16 49	3 22
M27	12 46	10 18	4 13	19 3	1 26	27 44	5 26	14 28	0 9	21 41	0 28	21 57	1 26	20 11	0 9	22 18	1 7	13 58	9 14	22 21	22 17	16 17	16 51	3 22
T 28	13 6	5 50	4 42	19 32	1 32	27 48	5 27	14 41	0 9	21 43	0 28	21 57	1 26	20 12	0 9	22 18	1 6	13 57	9 14	22 22	22 18	16 19	16 52	3 22
W29	13 26	1 12	4 58	20 1	1 38	27 52	5 28	14 55	0 8	21 44	0 27	21 57	1 26	20 13	0 9	22 18	1 6	13 57	9 14	22 23	22 18	16 21	16 54	3 22
T 30	13 46	3s26	5 1	20 28	1 44	27 56	5 28	15 8	0 7	21 46	0 27	21 57	1 26	20 13	0 9	22 18	1 6	13 57	9 14	22 25	22 19	16 23	16 55	3 23
F 31	14s 5	7s53	4n49	20s55	1s50	27s59	5s28	15s21	0n 7	21s48	0n27	21n57	1s26	20s14	0n 9	22s18	1n 6	13n57	9s14	22n26	22n19	16s25	16s56	3n23

Julian Day Number = 2506239.5, Delta T = 121.49 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°49'58, Lahiri = 25°56'58

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ASTRODIENST EPHEMERIS for the year 2149
geocentric

NOVEMBER 2149 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 0	8♏45'27	14♏43	27♏ 0	15♐ 3	12♏49	12♐29	27°R17	1♐17	2♑ 1	21°R53	15°R59	17♋ 7	0♐ 3	0♐39	S 1
S 2	2 45 57	9°45'26	26°35	28°25	15°23	13°30	12°42	27♊15	1°21	2° 3	21♊52	15♋48	17° 4	0°10	0°47	S 2
M 3	2 49 53	10°45'27	8♐24	29°50	15°41	14°12	12°54	27°12	1°24	2° 5	21°52	15°40	17° 1	0°17	0°54	M 3
T 4	2 53 50	11°45'30	20°12	1♐13	15°56	14°53	13° 7	27°10	1°28	2° 6	21°51	15°34	16°58	0°23	1° 2	T 4
W 5	2 57 47	12°45'34	2♑ 1	2°35	16°10	15°34	13°19	27° 7	1°31	2° 8	21°50	15°30	16°55	0°30	1° 9	W 5
T 6	3 1 43	13°45'40	13°56	3°57	16°22	16°16	13°32	27° 4	1°35	2° 9	21°49	15°D29	16°51	0°37	1°17	T 6
F 7	3 5 40	14°45'47	26° 1	5°18	16°31	16°57	13°44	27° 1	1°39	2°11	21°48	15°30	16°48	0°43	1°24	F 7
S 8	3 9 36	15°45'56	8♒21	6°37	16°39	17°39	13°57	26°58	1°42	2°13	21°47	15°30	16°45	0°50	1°32	S 8
S 9	3 13 33	16°46'07	21° 0	7°55	16°44	18°21	14°10	26°55	1°46	2°14	21°46	15°R31	16°42	0°57	1°40	S 9
M10	3 17 29	17°46'19	4♓ 5	9°12	16°46	19° 2	14°22	26°52	1°49	2°16	21°45	15°29	16°39	1° 3	1°47	M10
T 11	3 21 26	18°46'32	17°37	10°28	16°R47	19°44	14°35	26°49	1°53	2°18	21°44	15°26	16°36	1°10	1°55	T 11
W12	3 25 22	19°46'47	1♈40	11°42	16°44	20°26	14°48	26°45	1°57	2°20	21°43	15°20	16°32	1°17	2° 3	W12
T 13	3 29 19	20°47'03	16°12	12°54	16°40	21° 8	15° 1	26°42	2° 0	2°21	21°43	15°12	16°29	1°23	2°10	T 13
F 14	3 33 16	21°47'21	1♉ 9	14° 4	16°33	21°49	15°14	26°38	2° 4	2°23	21°42	15° 4	16°26	1°30	2°18	F 14
S 15	3 37 12	22°47'41	16°22	15°12	16°23	22°31	15°27	26°35	2° 8	2°25	21°41	14°56	16°23	1°37	2°26	S 15
S 16	3 41 9	23°48'02	1♊40	16°17	16°11	23°13	15°40	26°31	2°11	2°27	21°40	14°49	16°20	1°44	2°33	S 16
M17	3 45 5	24°48'25	16°54	17°19	15°57	23°55	15°53	26°27	2°15	2°29	21°39	14°44	16°17	1°50	2°41	M17
T 18	3 49 2	25°48'50	1♋53	18°18	15°40	24°37	16° 6	26°23	2°19	2°31	21°38	14°41	16°13	1°57	2°49	T 18
W19	3 52 58	26°49'16	16°29	19°14	15°21	25°19	16°19	26°19	2°23	2°33	21°36	14°D40	16°10	2° 4	2°57	W19
T 20	3 56 55	27°49'45	0♌40	20° 5	15° 0	26° 2	16°32	26°15	2°26	2°35	21°35	14°41	16° 7	2°10	3° 5	T 20
F 21	4 0 51	28°50'15	14°23	20°51	14°36	26°44	16°46	26°11	2°30	2°37	21°34	14°42	16° 4	2°17	3°12	F 21
S 22	4 4 48	29°50'47	27°41	21°33	14°10	27°26	16°59	26° 7	2°34	2°39	21°33	14°R43	16° 1	2°24	3°20	S 22
S 23	4 8 45	0♐51'20	10♍37	22° 8	13°43	28° 8	17°12	26° 3	2°37	2°40	21°32	14°42	15°57	2°30	3°28	S 23
M24	4 12 41	1°51'56	23°14	22°37	13°13	28°51	17°25	25°59	2°41	2°42	21°31	14°40	15°54	2°37	3°36	M24
T 25	4 16 38	2°52'33	5♎35	22°58	12°42	29°33	17°39	25°55	2°45	2°45	21°30	14°36	15°51	2°44	3°43	T 25
W26	4 20 34	3°53'12	17°45	23°11	12°10	0♐16	17°52	25°50	2°49	2°47	21°29	14°30	15°48	2°50	3°51	W26
T 27	4 24 31	4°53'52	29°47	23°R15	11°36	0°58	18° 5	25°46	2°52	2°49	21°28	14°22	15°45	2°57	3°59	T 27
F 28	4 28 27	5°54'34	11♏42	23° 9	11° 2	1°41	18°19	25°41	2°56	2°51	21°27	14°15	15°42	3° 4	4° 7	F 28
S 29	4 32 24	6°55'17	23°34	22°54	10°26	2°23	18°32	25°37	3° 0	2°53	21°26	14° 7	15°38	3°10	4°14	S 29
S 30	4 36 20	7♐56'02	5♐24	22♐27	9♐50	3♐ 6	18♐46	25♊32	3♐ 3	2♑55	21♊25	14♋ 1	15♋35	3♐17	4♐22	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s24	12s 1	4n25	21s21	1s55	28s 1	5s28	15s34	0n 6	21s50	0n27	21n57	1s26	20s15	0n 9	22s18	1n 6	13n57	9s14	22n28	22n19	16s27	16s58	3n23
S 2	14 44	15 39	3 50	21 45	2 1	28 3	5 28	15 47	0 6	21 51	0 27	21 57	1 26	20 16	0 9	22 18	1 6	13 57	9 14	22 29	22 20	16 29	16 59	3 23
M 3	15 2	18 39	3 4	22 8	2 6	28 4	5 27	16 0	0 5	21 53	0 27	21 57	1 27	20 16	0 9	22 18	1 6	13 57	9 15	22 30	22 20	16 31	17 1	3 23
T 4	15 21	20 53	2 11	22 31	2 10	28 4	5 25	16 13	0 5	21 55	0 27	21 57	1 27	20 17	0 9	22 18	1 6	13 56	9 15	22 31	22 21	16 33	17 2	3 23
W 5	15 39	22 13	1 11	22 52	2 15	28 4	5 23	16 26	0 4	21 56	0 27	21 57	1 27	20 18	0 9	22 18	1 6	13 56	9 15	22 31	22 21	16 35	17 3	3 23
T 6	15 57	22 33	0 8	23 12	2 19	28 3	5 21	16 38	0 3	21 58	0 26	21 57	1 27	20 19	0 9	22 18	1 6	13 56	9 15	22 31	22 21	16 37	17 5	3 23
F 7	16 15	21 51	0s56	23 31	2 23	28 1	5 18	16 51	0 3	22 0	0 26	21 57	1 27	20 19	0 9	22 18	1 6	13 56	9 15	22 31	22 22	16 39	17 6	3 23
S 8	16 33	20 5	1 59	23 48	2 27	27 59	5 15	17 3	0 2	22 1	0 26	21 56	1 27	20 20	0 9	22 18	1 6	13 56	9 15	22 31	22 22	16 41	17 8	3 23
S 9	16 50	17 18	2 58	24 5	2 30	27 55	5 12	17 15	0 2	22 3	0 26	21 56	1 27	20 21	0 9	22 18	1 6	13 56	9 15	22 31	22 23	16 43	17 9	3 24
M10	17 7	13 35	3 50	24 20	2 33	27 52	5 7	17 27	0 1	22 5	0 26	21 56	1 27	20 21	0 9	22 18	1 6	13 56	9 15	22 31	22 23	16 45	17 10	3 24
T 11	17 24	9 3	4 31	24 34	2 36	27 47	5 3	17 39	0 0	22 6	0 26	21 56	1 27	20 22	0 9	22 18	1 6	13 56	9 15	22 32	22 23	16 47	17 12	3 24
W12	17 40	3 53	4 58	24 46	2 38	27 42	4 57	17 51	0s 0	22 8	0 26	21 56	1 27	20 23	0 9	22 18	1 6	13 55	9 15	22 32	22 24	16 49	17 13	3 24
T 13	17 56	1n39	5 6	24 57	2 39	27 35	4 52	18 2	0 1	22 9	0 26	21 56	1 27	20 24	0 9	22 18	1 6	13 55	9 15	22 33	22 24	16 51	17 14	3 24
F 14	18 12	7 16	4 54	25 7	2 40	27 28	4 45	18 14	0 1	22 11	0 25	21 56	1 27	20 24	0 9	22 18	1 6	13 55	9 15	22 34	22 25	16 53	17 16	3 24
S 15	18 27	12 32	4 22	25 15	2 41	27 20	4 38	18 25	0 2	22 12	0 25	21 56	1 27	20 25	0 9	22 18	1 6	13 55	9 15	22 35	22 25	16 55	17 17	3 24
S 16	18 42	17 3	3 30	25 22	2 40	27 11	4 31	18 36	0 3	22 14	0 25	21 56	1 27	20 26	0 9	22 18	1 6	13 55	9 16	22 36	22 25	16 57	17 18	3 25
M17	18 57	20 23	2 24	25 28	2 40	27 2	4 23	18 47	0 3	22 15	0 25	21 56	1 27	20 27	0 9	22 18	1 6	13 55	9 16	22 36	22 26	16 59	17 20	3 25
T 18	19 12	22 16	1 8	25 32	2 38	26 51	4 14	18 58	0 4	22 17	0 25	21 55	1 27	20 27	0 9	22 18	1 6	13 55	9 16	22 37	22 26	17 0	17 21	3 25
W19	19 26	22 34	0n10	25 34	2 36	26 40	4 4	19 9	0 4	22 18	0 25	21 55	1 27	20 28	0 9	22 18	1 6	13 55	9 16	22 37	22 26	17 2	17 22	3 25
T 20	19 40	21 23	1 25	25 35	2 32	26 27	3 54	19 19	0 5	22 20	0 25	21 55	1 27	20 29	0 9	22 18	1 6	13 54	9 16	22 37	22 27	17 4	17 24	3 25
F 21	19 53	18 57	2 34	25 34	2 28	26 14	3 44	19 30	0 6	22 21	0 25	21 55	1 27	20 30	0 9	22 18	1 6	13 54	9 16	22 37	22 27	17 6	17 25	3 26
S 22	20 6	15 34	3 31	25 32	2 23	26 0	3 32	19 40	0 6	22 22	0 25	21 55	1 27	20 30	0 9	22 18	1 6	13 54	9 16	22 36	22 28	17 8	17 26	3 26
S 23	20 19	11 32	4 17	25 27	2 16	25 45	3 20	19 50	0 7	22 24	0 25	21 55	1 27	20 31	0 9	22 18	1 6	13 54	9 16	22 37	22 28	17 10	17 27	3 26
M24	20 31	7 6	4 48	25 22	2 9	25 28	3 8	20 0	0 7	22 25	0 24	21 55	1 27	20 32	0 9	22 18	1 6	13 54	9 16	22 37	22 28	17 12	17 29	3 26
T 25	20 43	2 28	5 6	25 14	2 0	25 12	2 55	20 10	0 8	22 27	0 24	21 55	1 27	20 32	0 9	22 18	1 6	13 54	9 16	22 37	22 29	17 14	17 30	3 26
W26	20 55	2s12	5 9	25 4	1 50	24 54	2 42	20 20	0 9	22 28	0 24	21 55	1 27	20 33	0 9	22 18	1 6	13 54	9 16	22 38	22 29	17 16	17 31	3 27
T 27	21 6	6 43	4 59	24 53	1 38	24 36	2 28	20 29	0 9	22 29	0 24	21 54	1 27	20 34	0 9	22 18	1 5	13 54	9 16	22 39	22 29	17 18	17 32	3 27
F 28	21 16	10 58	4 35	24 40	1 25	24 17	2 13	20 38	0 10	22 30	0 24	21 54	1 27	20 35	0 9	22 18	1 5	13 54	9 16	22 39	22 30	17 20	17 34	3 27
S 29	21 27	14 46	4 0	24 24	1 11	23 57	1 59	20 47	0 10	22 32	0 24	21 54	1 27	20 35	0 9	22 18	1 5	13 54	9 16	22 40	22 30	17 21	17 35	3 27
S 30	21s37	18s 0	3n14	24s 7	0s55	23s37	1s44	20s56	0s11	22s33	0n24	21n54	1s27	20s36	0n 9	22s18	1n 5	13n54	9s16	22n41	22n31	17s23	17s36	3n27

Julian Day Number = 2506270.5, Delta T = 121.55 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°50'02, Lahiri = 25°57'03

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ASTRODIENST EPHEMERIS for the year 2149
geocentric

DECEMBER 2149 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 40 17	8♐56'49	17♐13	21°R49	9°R14	3♐49	18♐59	25°R28	3♐ 7	2♑57	21°R23	13°R56	15♋32	3♐24	4♐30	M 1
T 2	4 44 14	9°57'36	29° 4	21♐ 1	8♐38	4°31	19°13	25♊23	3°11	2°59	21♊22	13♋53	15°29	3°30	4°38	T 2
W 3	4 48 10	10°58'25	10♑58	20° 2	8° 1	5°14	19°26	25°18	3°14	3° 1	21°21	13°D52	15°26	3°37	4°46	W 3
T 4	4 52 7	11°59'14	22°59	18°55	7°26	5°57	19°40	25°13	3°18	3° 3	21°20	13°52	15°23	3°44	4°53	T 4
F 5	4 56 3	13° 0'05	5♒ 9	17°40	6°51	6°40	19°53	25° 9	3°22	3° 5	21°19	13°54	15°19	3°50	5° 1	F 5
S 6	5 0 0	14° 0'56	17°32	16°20	6°17	7°23	20° 7	25° 4	3°26	3° 8	21°18	13°55	15°16	3°57	5° 9	S 6
S 7	5 3 56	15° 1'49	0♓12	14°57	5°43	8° 6	20°20	24°59	3°29	3°10	21°17	13°57	15°13	4° 4	5°16	S 7
M 8	5 7 53	16° 2'42	13°12	13°35	5°12	8°49	20°34	24°54	3°33	3°12	21°15	13°R58	15°10	4°11	5°24	M 8
T 9	5 11 49	17° 3'36	26°36	12°15	4°42	9°32	20°47	24°49	3°36	3°14	21°14	13°57	15° 7	4°17	5°32	T 9
W10	5 15 46	18° 4'30	10♈27	11° 1	4°13	10°15	21° 1	24°44	3°40	3°16	21°13	13°56	15° 3	4°24	5°39	W10
T 11	5 19 43	19° 5'25	24°43	9°55	3°47	10°58	21°15	24°40	3°44	3°19	21°12	13°53	15° 0	4°31	5°47	T 11
F 12	5 23 39	20° 6'21	9♉25	8°59	3°22	11°42	21°28	24°35	3°47	3°21	21°11	13°50	14°57	4°37	5°55	F 12
S 13	5 27 36	21° 7'18	24°25	8°12	3° 0	12°25	21°42	24°30	3°51	3°23	21°10	13°47	14°54	4°44	6° 2	S 13
S 14	5 31 32	22° 8'15	9♊36	7°37	2°40	13° 8	21°55	24°25	3°55	3°25	21° 8	13°44	14°51	4°51	6°10	S 14
M15	5 35 29	23° 9'14	24°49	7°14	2°22	13°51	22° 9	24°20	3°58	3°28	21° 7	13°42	14°48	4°57	6°17	M15
T 16	5 39 25	24°10'13	9♋53	7° 1	2° 7	14°35	22°23	24°15	4° 2	3°30	21° 6	13°D41	14°44	5° 4	6°25	T 16
W17	5 43 22	25°11'13	24°39	6°D59	1°54	15°18	22°36	24°10	4° 5	3°32	21° 5	13°41	14°41	5°11	6°32	W17
T 18	5 47 19	26°12'14	9♌ 3	7° 7	1°44	16° 2	22°50	24° 5	4° 9	3°34	21° 4	13°42	14°38	5°17	6°40	T 18
F 19	5 51 15	27°13'15	22°59	7°24	1°36	16°45	23° 4	24° 0	4°12	3°37	21° 3	13°44	14°35	5°24	6°47	F 19
S 20	5 55 12	28°14'18	6♍27	7°49	1°30	17°29	23°17	23°55	4°16	3°39	21° 2	13°45	14°32	5°31	6°55	S 20
S 21	5 59 8	29°15'21	19°30	8°22	1°27	18°13	23°31	23°50	4°19	3°41	21° 0	13°46	14°29	5°37	7° 2	S 21
M22	6 3 5	0♑16'26	2♎11	9° 1	1°D27	18°56	23°44	23°45	4°23	3°43	20°59	13°R46	14°25	5°44	7° 9	M22
T 23	6 7 1	1°17'31	14°32	9°46	1°29	19°40	23°58	23°40	4°26	3°46	20°58	13°46	14°22	5°51	7°17	T 23
W24	6 10 58	2°18'37	26°39	10°37	1°34	20°24	24°11	23°35	4°29	3°48	20°57	13°45	14°19	5°57	7°24	W24
T 25	6 14 54	3°19'44	8♏37	11°32	1°41	21° 8	24°25	23°30	4°33	3°50	20°56	13°43	14°16	6° 4	7°31	T 25
F 26	6 18 51	4°20'51	20°28	12°31	1°50	21°52	24°39	23°26	4°36	3°52	20°55	13°42	14°13	6°11	7°39	F 26
S 27	6 22 47	5°21'59	2♐17	13°34	2° 1	22°36	24°52	23°21	4°40	3°55	20°54	13°40	14° 9	6°17	7°46	S 27
S 28	6 26 44	6°23'08	14° 6	14°40	2°15	23°20	25° 6	23°16	4°43	3°57	20°52	13°39	14° 6	6°24	7°53	S 28
M29	6 30 41	7°24'17	25°58	15°48	2°30	24° 4	25°19	23°11	4°46	3°59	20°51	13°39	14° 3	6°31	8° 0	M29
T 30	6 34 37	8°25'26	7♑56	16°59	2°48	24°48	25°33	23° 7	4°49	4° 1	20°50	13°D38	14° 0	6°37	8° 7	T 30
W31	6 38 34	9♑26'36	20♑ 0	18♐13	3♐ 8	25♐32	25♐46	23♊ 2	4♐53	4♑ 4	20♊49	13♋38	13♋57	6♐44	8♐14	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s46	20s29	2n20	23s47	0s37	23s16	1s28	21s 5	0s12	22s34	0n24	21n54	1s26	20s37	0n 9	22s18	1n 5	13n54	9s16	22n41	22n31	17s25	17s37	3n28
T 2	21 55	22 5	1 20	23 25	0 19	22 55	1 13	21 14	0 12	22 35	0 24	21 54	1 26	20 38	0 9	22 18	1 5	13 53	9 16	22 42	22 31	17 27	17 38	3 28
W 3	22 4	22 42	0 16	23 2	0n 1	22 34	0 57	21 22	0 13	22 36	0 24	21 54	1 26	20 38	0 9	22 18	1 5	13 53	9 16	22 42	22 32	17 29	17 39	3 28
T 4	22 12	22 17	0s50	22 36	0 21	22 13	0 42	21 30	0 13	22 38	0 23	21 54	1 26	20 39	0 9	22 18	1 5	13 53	9 16	22 42	22 32	17 31	17 41	3 28
F 5	22 20	20 48	1 54	22 9	0 42	21 52	0 26	21 38	0 14	22 39	0 23	21 54	1 26	20 40	0 9	22 18	1 5	13 53	9 16	22 42	22 32	17 33	17 42	3 29
S 6	22 28	18 20	2 54	21 42	1 2	21 31	0 11	21 46	0 15	22 40	0 23	21 53	1 26	20 40	0 9	22 18	1 5	13 53	9 16	22 42	22 33	17 35	17 43	3 29
S 7	22 35	14 56	3 48	21 14	1 21	21 10	0n 5	21 53	0 15	22 41	0 23	21 53	1 26	20 41	0 9	22 18	1 5	13 53	9 16	22 41	22 33	17 37	17 44	3 29
M 8	22 41	10 45	4 31	20 46	1 39	20 50	0 20	22 1	0 16	22 42	0 23	21 53	1 26	20 42	0 9	22 18	1 5	13 53	9 16	22 41	22 33	17 38	17 45	3 29
T 9	22 47	5 57	5 0	20 20	1 56	20 29	0 35	22 8	0 16	22 43	0 23	21 53	1 26	20 43	0 9	22 18	1 5	13 53	9 16	22 41	22 34	17 40	17 46	3 30
W10	22 53	0 41	5 14	19 56	2 10	20 10	0 49	22 15	0 17	22 44	0 23	21 53	1 26	20 43	0 9	22 18	1 5	13 53	9 16	22 41	22 34	17 42	17 47	3 30
T 11	22 58	4n46	5 9	19 34	2 23	19 51	1 4	22 22	0 18	22 45	0 23	21 53	1 26	20 44	0 9	22 17	1 5	13 53	9 16	22 42	22 35	17 44	17 48	3 30
F 12	23 3	10 7	4 44	19 16	2 32	19 33	1 18	22 28	0 18	22 46	0 23	21 53	1 26	20 45	0 9	22 17	1 5	13 53	9 16	22 42	22 35	17 46	17 49	3 31
S 13	23 7	14 59	3 59	19 1	2 40	19 15	1 31	22 34	0 19	22 47	0 23	21 53	1 26	20 45	0 9	22 17	1 5	13 53	9 16	22 42	22 35	17 48	17 50	3 31
S 14	23 11	18 57	2 57	18 50	2 46	18 58	1 44	22 41	0 19	22 48	0 23	21 52	1 26	20 46	0 9	22 17	1 5	13 53	9 16	22 43	22 36	17 50	17 51	3 31
M15	23 15	21 37	1 42	18 43	2 49	18 43	1 57	22 46	0 20	22 49	0 22	21 52	1 26	20 47	0 9	22 17	1 5	13 53	9 16	22 43	22 36	17 51	17 52	3 32
T 16	23 17	22 42	0 21	18 40	2 51	18 28	2 9	22 52	0 21	22 50	0 22	21 52	1 25	20 47	0 9	22 17	1 5	13 53	9 16	22 43	22 36	17 53	17 53	3 32
W17	23 20	22 10	1n 0	18 39	2 50	18 14	2 20	22 58	0 21	22 50	0 22	21 52	1 25	20 48	0 9	22 17	1 5	13 53	9 15	22 43	22 37	17 55	17 54	3 32
T 18	23 22	20 10	2 16	18 42	2 49	18 1	2 31	23 3	0 22	22 51	0 22	21 52	1 25	20 49	0 9	22 17	1 5	13 53	9 15	22 43	22 37	17 57	17 55	3 32
F 19	23 23	17 0	3 21	18 48	2 46	17 49	2 42	23 8	0 22	22 52	0 22	21 52	1 25	20 49	0 9	22 17	1 5	13 53	9 15	22 43	22 37	17 59	17 56	3 33
S 20	23 24	13 2	4 12	18 56	2 42	17 38	2 52	23 13	0 23	22 53	0 22	21 52	1 25	20 50	0 9	22 17	1 5	13 53	9 15	22 43	22 38	18 1	17 57	3 33
S 21	23 25	8 35	4 49	19 6	2 37	17 28	3 1	23 17	0 24	22 54	0 22	21 52	1 25	20 51	0 9	22 17	1 5	13 53	9 15	22 43	22 38	18 2	17 57	3 33
M22	23 25	3 53	5 10	19 17	2 31	17 20	3 10	23 22	0 24	22 54	0 22	21 52	1 25	20 51	0 9	22 17	1 5	13 53	9 15	22 42	22 38	18 4	17 58	3 34
T 23	23 25	0s51	5 17	19 30	2 25	17 12	3 19	23 26	0 25	22 55	0 22	21 51	1 25	20 52	0 9	22 17	1 5	13 53	9 15	22 43	22 39	18 6	17 59	3 34
W24	23 24	5 28	5 9	19 44	2 18	17 5	3 27	23 30	0 25	22 56	0 22	21 51	1 25	20 52	0 9	22 17	1 5	13 53	9 15	22 43	22 39	18 8	18 0	3 35
T 25	23 23	9 49	4 48	19 59	2 11	16 59	3 34	23 33	0 26	22 56	0 22	21 51	1 24	20 53	0 9	22 17	1 5	13 53	9 15	22 43	22 39	18 10	18 1	3 35
F 26	23 21	13 46	4 14	20 14	2 4	16 54	3 41	23 37	0 27	22 57	0 22	21 51	1 24	20 54	0 9	22 17	1 5	13 53	9 15	22 43	22 40	18 12	18 2	3 35
S 27	23 19	17 10	3 30	20 30	1 56	16 50	3 48	23 40	0 27	22 58	0 22	21 51	1 24	20 54	0 9	22 17	1 5	13 53	9 15	22 43	22 40	18 13	18 2	3 36
S 28	23 16	19 53	2 37	20 45	1 48	16 47	3 54	23 43	0 28	22 58	0 21	21 51	1 24	20 55	0 9	22 17	1 5	13 53	9 15	22 43	22 40	18 15	18 3	3 36
M29	23 13	21 45	1 37	21 1	1 40	16 44	3 59	23 45	0 28	22 59	0 21	21 51	1 24	20 56	0 9	22 17	1 5	13 53	9 15	22 43	22 41	18 17	18 4	3 36
T 30	23 9	22 39	0 32	21 16	1 31	16 42	4 4	23 48	0 29	22 59	0 21	21 51	1 24	20 56	0 9	22 17	1 5	13 53	9 14	22 43	22 41	18 19	18 5	3 37
W31	23s 5	22s31	0s35	21s31	1n23	16s42	4n 9	23s50	0s30	23s 0	0n21	21n51	1s24	20s57	0n 9	22s16	1n 5	13n53	9s14	22n43	22n41	18s21	18s 5	3n37

Julian Day Number = 2506300.5, Delta T = 121.60 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°50'06, Lahiri = 25°57'07

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