Astrodienst Ephemeris Tables

for the year 2079

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 2079
geocentric

JANUARY 2079 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 43 17	10♑41'56	15♐19	2♑59	2♒ 0	29♒18	29♐35	23♑20	26♑36	0°R 9	11♈ 6	8°R40	7♉ 5	27♏46	2°R53	S 1
M 2	6 47 13	11°43'06	27°20	4°32	3°15	0♓ 4	29°49	23°27	26°39	0♌ 7	11° 7	8♉31	7° 2	27°52	2♉52	M 2
T 3	6 51 10	12°44'17	9♑31	6° 7	4°30	0°51	0♑ 2	23°34	26°43	0° 6	11° 7	8°20	6°59	27°59	2°52	T 3
W 4	6 55 6	13°45'28	21°53	7°41	5°45	1°37	0°16	23°41	26°46	0° 4	11° 7	8° 8	6°56	28° 6	2°51	W 4
T 5	6 59 3	14°46'39	4♒26	9°16	7° 0	2°24	0°29	23°48	26°50	0° 2	11° 7	7°55	6°53	28°12	2°51	T 5
F 6	7 3 0	15°47'49	17°10	10°51	8°15	3°10	0°43	23°55	26°53	0° 1	11° 8	7°43	6°49	28°19	2°50	F 6
S 7	7 6 56	16°49'00	0♓ 5	12°26	9°30	3°57	0°56	24° 2	26°57	29♋59	11° 8	7°33	6°46	28°26	2°50	S 7
S 8	7 10 53	17°50'10	13°12	14° 2	10°45	4°43	1°10	24° 9	27° 0	29°57	11° 8	7°25	6°43	28°32	2°50	S 8
M 9	7 14 49	18°51'20	26°32	15°39	12° 0	5°30	1°23	24°16	27° 4	29°56	11° 9	7°21	6°40	28°39	2°49	M 9
T 10	7 18 46	19°52'29	10♈ 4	17°15	13°14	6°16	1°37	24°23	27° 7	29°54	11° 9	7°19	6°37	28°46	2°49	T 10
W11	7 22 42	20°53'38	23°50	18°52	14°29	7° 3	1°50	24°30	27°11	29°52	11° 9	7°D18	6°34	28°52	2°49	W11
T 12	7 26 39	21°54'46	7♉52	20°30	15°44	7°49	2° 3	24°37	27°14	29°51	11°10	7°R19	6°30	28°59	2°D49	T 12
F 13	7 30 35	22°55'53	22° 9	22° 8	16°59	8°36	2°17	24°45	27°18	29°49	11°10	7°18	6°27	29° 6	2°49	F 13
S 14	7 34 32	23°57'01	6♊39	23°46	18°14	9°22	2°30	24°52	27°21	29°47	11°11	7°15	6°24	29°12	2°49	S 14
S 15	7 38 29	24°58'07	21°19	25°25	19°28	10° 8	2°43	24°59	27°25	29°46	11°11	7°10	6°21	29°19	2°49	S 15
M16	7 42 25	25°59'13	6♋ 3	27° 5	20°43	10°55	2°56	25° 6	27°28	29°44	11°11	7° 1	6°18	29°25	2°49	M16
T 17	7 46 22	27° 0'19	20°44	28°45	21°58	11°41	3° 9	25°13	27°32	29°42	11°12	6°50	6°15	29°32	2°50	T 17
W18	7 50 18	28° 1'24	5♌13	0♒25	23°12	12°27	3°22	25°20	27°36	29°41	11°13	6°38	6°11	29°39	2°50	W18
T 19	7 54 15	29° 2'28	19°23	2° 6	24°27	13°14	3°36	25°27	27°39	29°39	11°13	6°26	6° 8	29°45	2°50	T 19
F 20	7 58 11	0♒ 3'32	3♍10	3°47	25°41	14° 0	3°49	25°34	27°43	29°37	11°14	6°15	6° 5	29°52	2°51	F 20
S 21	8 2 8	1° 4'35	16°31	5°29	26°56	14°46	4° 2	25°41	27°46	29°36	11°14	6° 6	6° 2	29°59	2°51	S 21
S 22	8 6 4	2° 5'38	29°26	7°11	28°10	15°33	4°14	25°48	27°50	29°34	11°15	6° 0	5°59	0♐ 5	2°52	S 22
M23	8 10 1	3° 6'41	11♎58	8°54	29°25	16°19	4°27	25°56	27°53	29°32	11°16	5°57	5°55	0°12	2°52	M23
T 24	8 13 58	4° 7'43	24°10	10°37	0♓39	17° 5	4°40	26° 3	27°57	29°30	11°16	5°55	5°52	0°19	2°53	T 24
W25	8 17 54	5° 8'45	6♏ 9	12°21	1°54	17°51	4°53	26°10	28° 0	29°29	11°17	5°55	5°49	0°25	2°54	W25
T 26	8 21 51	6° 9'46	17°59	14° 5	3° 8	18°37	5° 6	26°17	28° 4	29°27	11°18	5°55	5°46	0°32	2°54	T 26
F 27	8 25 47	7°10'47	29°46	15°49	4°23	19°24	5°18	26°24	28° 7	29°25	11°18	5°53	5°43	0°39	2°55	F 27
S 28	8 29 44	8°11'47	11♐36	17°33	5°37	20°10	5°31	26°31	28°11	29°24	11°19	5°50	5°40	0°45	2°56	S 28
S 29	8 33 40	9°12'46	23°32	19°18	6°51	20°56	5°44	26°38	28°14	29°22	11°20	5°43	5°36	0°52	2°57	S 29
M30	8 37 37	10°13'45	5♑40	21° 2	8° 6	21°42	5°56	26°45	28°18	29°20	11°21	5°34	5°33	0°59	2°58	M30
T 31	8 41 33	11♒14'43	18♑ 1	22♒46	9♓20	22♓28	6♑ 9	26♑52	28♑21	29♋19	11♈21	5♉22	5♉30	1♐ 5	2♉59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 0	25s38	3s 2	24s27	1s 3	21s12	1s32	12s42	1s 4	23s10	0n16	21s26	0s 1	21s19	0s30	19n42	0s25	11s12	16s57	14n23	13n52	21s26	11n50	0s41
M 2	22 55	27 13	3 49	24 30	1 9	20 56	1 33	12 25	1 3	23 10	0 16	21 24	0 1	21 19	0 30	19 43	0 25	11 11	16 56	14 20	13 51	21 28	11 49	0 41
T 3	22 49	27 30	4 25	24 32	1 14	20 39	1 34	12 8	1 2	23 10	0 16	21 23	0 1	21 18	0 30	19 43	0 25	11 11	16 56	14 17	13 50	21 30	11 49	0 41
W 4	22 43	26 26	4 50	24 32	1 20	20 21	1 35	11 51	1 1	23 10	0 15	21 22	0 1	21 17	0 30	19 44	0 25	11 10	16 56	14 13	13 49	21 33	11 49	0 41
T 5	22 37	24 1	5 2	24 31	1 25	20 3	1 35	11 33	1 0	23 10	0 15	21 21	0 1	21 17	0 30	19 44	0 25	11 10	16 55	14 9	13 48	21 35	11 49	0 41
F 6	22 30	20 25	4 58	24 28	1 29	19 44	1 36	11 16	1 0	23 10	0 15	21 20	0 1	21 16	0 30	19 44	0 25	11 10	16 55	14 5	13 47	21 37	11 49	0 41
S 7	22 22	15 47	4 39	24 24	1 34	19 25	1 36	10 58	0 59	23 10	0 15	21 19	0 1	21 15	0 30	19 45	0 25	11 9	16 55	14 1	13 46	21 39	11 48	0 41
S 8	22 15	10 23	4 6	24 19	1 38	19 5	1 37	10 41	0 58	23 10	0 15	21 18	0 1	21 15	0 30	19 45	0 25	11 9	16 54	13 59	13 45	21 42	11 48	0 41
M 9	22 6	4 25	3 18	24 12	1 42	18 45	1 37	10 23	0 57	23 10	0 15	21 16	0 1	21 14	0 30	19 45	0 25	11 8	16 54	13 58	13 44	21 44	11 48	0 41
T 10	21 58	1n51	2 19	24 4	1 46	18 24	1 38	10 5	0 56	23 10	0 15	21 15	0 1	21 13	0 30	19 46	0 25	11 8	16 53	13 57	13 43	21 46	11 48	0 41
W11	21 48	8 9	1 11	23 55	1 49	18 3	1 38	9 47	0 56	23 10	0 15	21 14	0 1	21 13	0 30	19 46	0 25	11 7	16 53	13 57	13 42	21 49	11 48	0 41
T 12	21 39	14 11	0n 3	23 43	1 53	17 41	1 38	9 29	0 55	23 10	0 15	21 13	0 1	21 12	0 30	19 46	0 25	11 7	16 53	13 57	13 41	21 51	11 48	0 41
F 13	21 29	19 33	1 18	23 31	1 56	17 18	1 38	9 11	0 54	23 10	0 15	21 12	0 1	21 11	0 30	19 47	0 25	11 6	16 52	13 57	13 40	21 53	11 48	0 41
S 14	21 19	23 51	2 29	23 17	1 58	16 55	1 38	8 53	0 53	23 10	0 15	21 10	0 2	21 11	0 30	19 47	0 25	11 6	16 52	13 56	13 39	21 55	11 48	0 41
S 15	21 8	26 39	3 30	23 1	2 0	16 32	1 38	8 34	0 53	23 10	0 15	21 9	0 2	21 10	0 30	19 47	0 25	11 5	16 52	13 54	13 38	21 58	11 48	0 41
M16	20 57	27 36	4 18	22 44	2 2	16 8	1 38	8 16	0 52	23 9	0 14	21 8	0 2	21 9	0 30	19 48	0 25	11 5	16 51	13 51	13 37	22 0	11 48	0 41
T 17	20 45	26 35	4 49	22 25	2 4	15 44	1 38	7 58	0 51	23 9	0 14	21 7	0 2	21 8	0 30	19 48	0 25	11 4	16 51	13 48	13 36	22 2	11 48	0 41
W18	20 33	23 49	5 0	22 5	2 5	15 19	1 38	7 39	0 50	23 9	0 14	21 6	0 2	21 8	0 30	19 49	0 25	11 4	16 51	13 44	13 35	22 4	11 48	0 42
T 19	20 21	19 38	4 53	21 43	2 6	14 54	1 38	7 21	0 49	23 9	0 14	21 4	0 2	21 7	0 30	19 49	0 25	11 3	16 50	13 39	13 34	22 7	11 48	0 42
F 20	20 8	14 30	4 28	21 20	2 6	14 29	1 37	7 2	0 49	23 8	0 14	21 3	0 2	21 6	0 30	19 49	0 25	11 3	16 50	13 36	13 33	22 9	11 48	0 42
S 21	19 55	8 51	3 50	20 55	2 6	14 3	1 37	6 44	0 48	23 8	0 14	21 2	0 2	21 6	0 30	19 50	0 25	11 2	16 50	13 33	13 32	22 11	11 48	0 42
S 22	19 41	2 59	3 0	20 29	2 5	13 37	1 36	6 25	0 47	23 8	0 14	21 1	0 2	21 5	0 30	19 50	0 25	11 2	16 49	13 31	13 31	22 13	11 48	0 42
M23	19 27	2s50	2 3	20 1	2 4	13 10	1 36	6 6	0 46	23 7	0 14	20 59	0 2	21 4	0 30	19 50	0 25	11 1	16 49	13 30	13 29	22 15	11 49	0 42
T 24	19 13	8 25	1 2	19 32	2 3	12 43	1 35	5 48	0 45	23 7	0 14	20 58	0 2	21 4	0 30	19 51	0 25	11 1	16 49	13 29	13 28	22 18	11 49	0 42
W25	18 58	13 35	0s 1	19 1	2 1	12 16	1 34	5 29	0 45	23 7	0 14	20 57	0 2	21 3	0 30	19 51	0 25	11 0	16 48	13 29	13 27	22 20	11 49	0 42
T 26	18 44	18 12	1 3	18 29	1 58	11 48	1 33	5 10	0 44	23 6	0 14	20 56	0 2	21 2	0 30	19 51	0 25	10 59	16 48	13 29	13 26	22 22	11 49	0 42
F 27	18 28	22 5	2 3	17 55	1 55	11 20	1 32	4 51	0 43	23 6	0 14	20 54	0 2	21 2	0 30	19 52	0 25	10 59	16 48	13 29	13 25	22 24	11 50	0 42
S 28	18 13	25 5	2 57	17 20	1 51	10 52	1 32	4 32	0 42	23 5	0 14	20 53	0 3	21 1	0 30	19 52	0 25	10 58	16 47	13 28	13 24	22 26	11 50	0 42
S 29	17 57	27 0	3 43	16 43	1 47	10 24	1 30	4 14	0 41	23 5	0 14	20 52	0 3	21 0	0 30	19 53	0 25	10 58	16 47	13 25	13 23	22 29	11 50	0 42
M30	17 40	27 39	4 21	16 6	1 42	9 55	1 29	3 55	0 40	23 4	0 13	20 51	0 3	20 59	0 30	19 53	0 25	10 57	16 47	13 22	13 22	22 31	11 50	0 42
T 31	17s24	26s57	4s47	15s26	1s36	9s26	1s28	3s36	0s40	23s 4	0n13	20s49	0s 3	20s59	0s30	19n53	0s25	10s56	16s46	13n18	13n21	22s33	11n51	0s42

Julian Day Number = 2480399.5, Delta T = 84.32 sec
Ecliptic obliquity = 23°25'51, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°50'38, Lahiri = 24°57'39

ASTRODIENST EPHEMERIS for the year 2079
geocentric

FEBRUARY 2079 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 45 30	12♒15'41	0♒37	24♒29	10♓34	23♓14	6♑21	26♑59	28♑25	29°R17	11♈22	5°R 9	5♉27	1♐12	3♉ 0	W 1
T 2	8 49 27	13°16'37	13°28	26°12	11°48	24° 0	6°33	27° 6	28°28	29♋15	11°23	4♉55	5°24	1°19	3° 1	T 2
F 3	8 53 23	14°17'32	26°34	27°54	13° 2	24°46	6°46	27°13	28°32	29°14	11°24	4°41	5°20	1°25	3° 3	F 3
S 4	8 57 20	15°18'26	9♓52	29°35	14°16	25°32	6°58	27°20	28°35	29°12	11°25	4°30	5°17	1°32	3° 4	S 4
S 5	9 1 16	16°19'19	23°21	1♓15	15°30	26°18	7°10	27°26	28°39	29°11	11°26	4°22	5°14	1°39	3° 5	S 5
M 6	9 5 13	17°20'10	7♈ 0	2°52	16°44	27° 4	7°22	27°33	28°42	29° 9	11°27	4°16	5°11	1°45	3° 7	M 6
T 7	9 9 9	18°21'00	20°45	4°27	17°58	27°50	7°34	27°40	28°45	29° 7	11°28	4°14	5° 8	1°52	3° 8	T 7
W 8	9 13 6	19°21'49	4♉38	5°59	19°12	28°36	7°46	27°47	28°49	29° 6	11°29	4°D13	5° 5	1°59	3°10	W 8
T 9	9 17 2	20°22'36	18°38	7°27	20°26	29°22	7°58	27°54	28°52	29° 4	11°30	4°R13	5° 1	2° 5	3°11	T 9
F 10	9 20 59	21°23'22	2♊44	8°52	21°40	0♈ 7	8°10	28° 0	28°55	29° 3	11°31	4°13	4°58	2°12	3°13	F 10
S 11	9 24 56	22°24'06	16°56	10°11	22°54	0°53	8°21	28° 7	28°59	29° 1	11°32	4°11	4°55	2°19	3°14	S 11
S 12	9 28 52	23°24'48	1♋12	11°25	24° 8	1°39	8°33	28°14	29° 2	29° 0	11°33	4° 6	4°52	2°25	3°16	S 12
M13	9 32 49	24°25'29	15°28	12°33	25°21	2°25	8°45	28°20	29° 5	28°58	11°34	3°58	4°49	2°32	3°18	M13
T 14	9 36 45	25°26'08	29°40	13°34	26°35	3°10	8°56	28°27	29° 9	28°57	11°35	3°49	4°46	2°39	3°20	T 14
W15	9 40 42	26°26'46	13♌44	14°27	27°48	3°56	9° 7	28°34	29°12	28°55	11°36	3°37	4°42	2°45	3°21	W15
T 16	9 44 38	27°27'22	27°35	15°12	29° 2	4°41	9°19	28°40	29°15	28°54	11°37	3°26	4°39	2°52	3°23	T 16
F 17	9 48 35	28°27'57	11♍ 7	15°48	0♈15	5°27	9°30	28°47	29°18	28°52	11°38	3°16	4°36	2°59	3°25	F 17
S 18	9 52 31	29°28'30	24°19	16°14	1°29	6°12	9°41	28°53	29°22	28°51	11°39	3° 8	4°33	3° 5	3°27	S 18
S 19	9 56 28	0♓29'02	7♎10	16°31	2°42	6°58	9°52	29° 0	29°25	28°49	11°40	3° 2	4°30	3°12	3°29	S 19
M20	10 0 25	1°29'32	19°41	16°R37	3°55	7°43	10° 3	29° 6	29°28	28°48	11°41	2°59	4°26	3°19	3°31	M20
T 21	10 4 21	2°30'02	1♏54	16°33	5° 8	8°29	10°14	29°12	29°31	28°47	11°43	2°D58	4°23	3°25	3°34	T 21
W22	10 8 18	3°30'29	13°55	16°19	6°22	9°14	10°25	29°19	29°34	28°45	11°44	2°58	4°20	3°32	3°36	W22
T 23	10 12 14	4°30'56	25°47	15°55	7°35	9°59	10°35	29°25	29°37	28°44	11°45	2°59	4°17	3°39	3°38	T 23
F 24	10 16 11	5°31'21	7♐35	15°22	8°48	10°45	10°46	29°31	29°40	28°43	11°46	2°R59	4°14	3°45	3°40	F 24
S 25	10 20 7	6°31'45	19°26	14°40	10° 1	11°30	10°57	29°37	29°43	28°41	11°47	2°58	4°11	3°52	3°43	S 25
S 26	10 24 4	7°32'08	1♑25	13°51	11°13	12°15	11° 7	29°44	29°46	28°40	11°49	2°55	4° 7	3°59	3°45	S 26
M27	10 28 0	8°32'29	13°36	12°57	12°26	13° 0	11°17	29°50	29°49	28°39	11°50	2°50	4° 4	4° 5	3°47	M27
T 28	10 31 57	9♓32'48	26♑ 3	11♓57	13♈39	13♈46	11♑27	29♑56	29♑52	28♋38	11♈51	2♉42	4♉ 1	4♐12	3♉50	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s 7	24s52	4s59	14s46	1s30	8s57	1s27	3s17	0s39	23s 3	0n13	20s48	0s 3	20s58	0s30	19n54	0s25	10s56	16s46	13n14	13n20	22s35	11n51	0s42
T 2	16 50	21 30	4 57	14 5	1 23	8 27	1 25	2 58	0 38	23 3	0 13	20 47	0 3	20 57	0 30	19 54	0 25	10 55	16 46	13 9	13 19	22 37	11 51	0 42
F 3	16 32	17 1	4 39	13 22	1 15	7 57	1 24	2 39	0 37	23 2	0 13	20 46	0 3	20 57	0 30	19 54	0 24	10 55	16 45	13 5	13 18	22 39	11 52	0 42
S 4	16 14	11 39	4 6	12 39	1 7	7 27	1 23	2 20	0 36	23 2	0 13	20 44	0 3	20 56	0 30	19 55	0 24	10 54	16 45	13 1	13 17	22 42	11 52	0 42
S 5	15 56	5 40	3 18	11 56	0 58	6 57	1 21	2 1	0 36	23 1	0 13	20 43	0 3	20 55	0 30	19 55	0 24	10 53	16 45	12 58	13 16	22 44	11 53	0 42
M 6	15 38	0n39	2 19	11 11	0 48	6 27	1 19	1 42	0 35	23 1	0 13	20 42	0 3	20 55	0 30	19 55	0 24	10 53	16 45	12 56	13 15	22 46	11 53	0 42
T 7	15 19	7 1	1 11	10 27	0 37	5 57	1 18	1 23	0 34	23 0	0 13	20 40	0 3	20 54	0 30	19 56	0 24	10 52	16 44	12 56	13 14	22 48	11 54	0 42
W 8	15 1	13 6	0n 2	9 42	0 25	5 26	1 16	1 4	0 33	22 59	0 13	20 39	0 3	20 53	0 30	19 56	0 24	10 52	16 44	12 55	13 13	22 50	11 54	0 42
T 9	14 41	18 35	1 16	8 58	0 13	4 55	1 14	0 45	0 32	22 59	0 13	20 38	0 3	20 53	0 30	19 56	0 24	10 51	16 44	12 55	13 12	22 52	11 54	0 42
F 10	14 22	23 4	2 25	8 15	0 0	4 24	1 12	0 26	0 32	22 58	0 13	20 37	0 3	20 52	0 30	19 57	0 24	10 50	16 43	12 55	13 10	22 54	11 55	0 42
S 11	14 2	26 12	3 26	7 32	0n14	3 53	1 10	0 7	0 31	22 58	0 13	20 35	0 4	20 51	0 31	19 57	0 24	10 50	16 43	12 54	13 9	22 56	11 56	0 42
S 12	13 43	27 40	4 14	6 51	0 28	3 22	1 8	0n12	0 30	22 57	0 12	20 34	0 4	20 51	0 31	19 57	0 24	10 49	16 43	12 53	13 8	22 59	11 56	0 42
M13	13 23	27 17	4 47	6 11	0 43	2 51	1 6	0 31	0 29	22 56	0 12	20 33	0 4	20 50	0 31	19 58	0 24	10 48	16 43	12 50	13 7	23 1	11 57	0 42
T 14	13 2	25 7	5 1	5 34	0 58	2 20	1 4	0 49	0 29	22 56	0 12	20 32	0 4	20 49	0 31	19 58	0 24	10 48	16 42	12 47	13 6	23 3	11 57	0 43
W15	12 42	21 26	4 58	4 59	1 14	1 49	1 1	1 8	0 28	22 55	0 12	20 30	0 4	20 49	0 31	19 58	0 24	10 47	16 42	12 43	13 5	23 5	11 58	0 43
T 16	12 21	16 38	4 36	4 27	1 30	1 17	0 59	1 27	0 27	22 54	0 12	20 29	0 4	20 48	0 31	19 59	0 24	10 46	16 42	12 39	13 4	23 7	11 58	0 43
F 17	12 0	11 5	4 0	3 59	1 46	0 46	0 57	1 46	0 26	22 53	0 12	20 28	0 4	20 47	0 31	19 59	0 24	10 46	16 42	12 36	13 3	23 9	11 59	0 43
S 18	11 39	5 10	3 11	3 34	2 1	0 15	0 54	2 5	0 25	22 53	0 12	20 27	0 4	20 47	0 31	19 59	0 24	10 45	16 41	12 33	13 2	23 11	12 0	0 43
S 19	11 18	0s48	2 13	3 13	2 17	0n17	0 52	2 23	0 25	22 52	0 12	20 25	0 4	20 46	0 31	20 0	0 24	10 45	16 41	12 31	13 1	23 13	12 0	0 43
M20	10 56	6 37	1 10	2 57	2 32	0 48	0 49	2 42	0 24	22 51	0 12	20 24	0 4	20 45	0 31	20 0	0 24	10 44	16 41	12 30	13 0	23 15	12 1	0 43
T 21	10 35	12 3	0 6	2 46	2 46	1 20	0 47	3 1	0 23	22 50	0 12	20 23	0 4	20 45	0 31	20 0	0 24	10 43	16 41	12 30	12 59	23 17	12 2	0 43
W22	10 13	16 56	0s58	2 39	2 59	1 51	0 44	3 19	0 22	22 50	0 12	20 22	0 4	20 44	0 31	20 0	0 24	10 43	16 40	12 30	12 58	23 19	12 2	0 43
T 23	9 51	21 7	1 59	2 38	3 10	2 23	0 41	3 38	0 21	22 49	0 12	20 20	0 4	20 43	0 31	20 1	0 24	10 42	16 40	12 30	12 57	23 21	12 3	0 43
F 24	9 29	24 26	2 55	2 41	3 21	2 54	0 38	3 56	0 21	22 48	0 12	20 19	0 5	20 43	0 31	20 1	0 24	10 41	16 40	12 30	12 56	23 23	12 4	0 43
S 25	9 7	26 43	3 43	2 49	3 29	3 25	0 36	4 14	0 20	22 47	0 12	20 18	0 5	20 42	0 31	20 1	0 24	10 41	16 40	12 30	12 54	23 25	12 5	0 43
S 26	8 44	27 47	4 22	3 2	3 36	3 56	0 33	4 33	0 19	22 47	0 11	20 17	0 5	20 42	0 31	20 2	0 24	10 40	16 40	12 29	12 53	23 27	12 5	0 43
M27	8 22	27 32	4 49	3 18	3 40	4 27	0 30	4 51	0 18	22 46	0 11	20 15	0 5	20 41	0 31	20 2	0 24	10 39	16 39	12 27	12 52	23 29	12 6	0 43
T 28	7s59	25s54	5s 4	3s39	3n42	4n59	0s27	5n 9	0s18	22s45	0n11	20s14	0s 5	20s40	0s31	20n 2	0s24	10s39	16s39	12n24	12n51	23s31	12n 7	0s43

Julian Day Number = 2480430.5, Delta T = 84.35 sec
Ecliptic obliquity = 23°25'52, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°50'43, Lahiri = 24°57'43

ASTRODIENST EPHEMERIS for the year 2079
geocentric

MARCH 2079 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 35 54	10♓33'06	8♒48	10°R55	14♈52	14♈31	11♑38	0♒ 2	29♑55	28°R37	11♈52	2°R33	3♉58	4♐19	3♉52	W 1
T 2	10 39 50	11°33'23	21°53	9♓52	16° 4	15°16	11°48	0° 8	29°58	28♋35	11°54	2♉24	3°55	4°25	3°55	T 2
F 3	10 43 47	12°33'37	5♓17	8°48	17°17	16° 1	11°57	0°13	0♒ 1	28°34	11°55	2°15	3°52	4°32	3°58	F 3
S 4	10 47 43	13°33'50	18°58	7°46	18°29	16°46	12° 7	0°19	0° 4	28°33	11°56	2° 7	3°48	4°39	4° 0	S 4
S 5	10 51 40	14°34'01	2♈53	6°47	19°42	17°31	12°17	0°25	0° 6	28°32	11°58	2° 2	3°45	4°45	4° 3	S 5
M 6	10 55 36	15°34'10	16°58	5°52	20°54	18°16	12°26	0°31	0° 9	28°31	11°59	1°59	3°42	4°52	4° 6	M 6
T 7	10 59 33	16°34'17	1♉ 9	5° 2	22° 6	19° 0	12°36	0°36	0°12	28°30	12° 0	1°D58	3°39	4°59	4° 8	T 7
W 8	11 3 29	17°34'23	15°22	4°18	23°19	19°45	12°45	0°42	0°15	28°29	12° 1	1°58	3°36	5° 5	4°11	W 8
T 9	11 7 26	18°34'26	29°35	3°39	24°31	20°30	12°54	0°48	0°17	28°28	12° 3	2° 0	3°32	5°12	4°14	T 9
F 10	11 11 23	19°34'27	13♊45	3° 8	25°43	21°15	13° 3	0°53	0°20	28°27	12° 4	2°R 1	3°29	5°19	4°17	F 10
S 11	11 15 19	20°34'25	27°52	2°43	26°55	21°59	13°12	0°59	0°22	28°26	12° 6	2° 0	3°26	5°25	4°20	S 11
S 12	11 19 16	21°34'22	11♋53	2°24	28° 6	22°44	13°21	1° 4	0°25	28°25	12° 7	1°59	3°23	5°32	4°23	S 12
M13	11 23 12	22°34'16	25°48	2°12	29°18	23°29	13°30	1° 9	0°27	28°24	12° 8	1°55	3°20	5°39	4°26	M13
T 14	11 27 9	23°34'08	9♌34	2°D 7	0♉30	24°13	13°38	1°15	0°30	28°24	12°10	1°50	3°17	5°45	4°29	T 14
W15	11 31 5	24°33'58	23°10	2° 8	1°41	24°58	13°47	1°20	0°32	28°23	12°11	1°44	3°13	5°52	4°32	W15
T 16	11 35 2	25°33'46	6♍33	2°15	2°53	25°42	13°55	1°25	0°35	28°22	12°13	1°38	3°10	5°59	4°35	T 16
F 17	11 38 58	26°33'31	19°42	2°27	4° 4	26°26	14° 3	1°30	0°37	28°21	12°14	1°32	3° 7	6° 5	4°38	F 17
S 18	11 42 55	27°33'15	2♎35	2°45	5°15	27°11	14°11	1°35	0°39	28°21	12°15	1°27	3° 4	6°12	4°41	S 18
S 19	11 46 52	28°32'56	15°13	3° 8	6°26	27°55	14°19	1°40	0°42	28°20	12°17	1°25	3° 1	6°19	4°44	S 19
M20	11 50 48	29°32'36	27°36	3°36	7°37	28°39	14°27	1°45	0°44	28°19	12°18	1°D23	2°58	6°25	4°47	M20
T 21	11 54 45	0♈32'14	9♏46	4° 9	8°48	29°24	14°35	1°49	0°46	28°19	12°20	1°24	2°54	6°32	4°50	T 21
W22	11 58 41	1°31'50	21°45	4°45	9°59	0♉ 8	14°42	1°54	0°48	28°18	12°21	1°25	2°51	6°39	4°54	W22
T 23	12 2 38	2°31'24	3♐37	5°26	11°10	0°52	14°50	1°59	0°50	28°17	12°22	1°27	2°48	6°45	4°57	T 23
F 24	12 6 34	3°30'57	15°26	6°11	12°20	1°36	14°57	2° 3	0°53	28°17	12°24	1°28	2°45	6°52	5° 0	F 24
S 25	12 10 31	4°30'28	27°18	6°59	13°31	2°20	15° 4	2° 8	0°55	28°16	12°25	1°30	2°42	6°59	5° 4	S 25
S 26	12 14 27	5°29'57	9♑17	7°50	14°41	3° 4	15°11	2°12	0°57	28°16	12°27	1°R30	2°38	7° 5	5° 7	S 26
M27	12 18 24	6°29'24	21°27	8°44	15°52	3°48	15°18	2°17	0°58	28°16	12°28	1°29	2°35	7°12	5°10	M27
T 28	12 22 21	7°28'50	3♒54	9°42	17° 2	4°32	15°24	2°21	1° 0	28°15	12°30	1°27	2°32	7°19	5°14	T 28
W29	12 26 17	8°28'13	16°41	10°42	18°12	5°16	15°31	2°25	1° 2	28°15	12°31	1°24	2°29	7°25	5°17	W29
T 30	12 30 14	9°27'35	29°51	11°45	19°22	5°59	15°37	2°29	1° 4	28°14	12°33	1°21	2°26	7°32	5°21	T 30
F 31	12 34 10	10♈26'55	13♓24	12♓50	20♉32	6♉43	15♑43	2♒33	1♒ 6	28♋14	12♈34	1♉17	2♉23	7♐39	5♉24	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s37	22s57	5s 4	4s 2	3n42	5n29	0s24	5n28	0s17	22s44	0n11	20s13	0s 5	20s40	0s31	20n 2	0s24	10s38	16s39	12n21	12n50	23s33	12n 8	0s43
T 2	7 14	18 46	4 49	4 28	3 40	6 0	0 21	5 46	0 16	22 43	0 11	20 12	0 5	20 39	0 31	20 3	0 24	10 37	16 39	12 18	12 49	23 35	12 9	0 43
F 3	6 51	13 33	4 17	4 56	3 36	6 31	0 17	6 4	0 15	22 43	0 11	20 11	0 5	20 39	0 31	20 3	0 24	10 37	16 39	12 15	12 48	23 37	12 9	0 43
S 4	6 28	7 35	3 30	5 24	3 30	7 2	0 14	6 22	0 15	22 42	0 11	20 10	0 5	20 38	0 31	20 3	0 24	10 36	16 38	12 12	12 47	23 39	12 10	0 43
S 5	6 4	1 9	2 30	5 54	3 22	7 32	0 11	6 40	0 14	22 41	0 11	20 8	0 5	20 38	0 31	20 3	0 24	10 35	16 38	12 11	12 46	23 41	12 11	0 43
M 6	5 41	5n26	1 20	6 23	3 12	8 2	0 8	6 57	0 13	22 40	0 11	20 7	0 5	20 37	0 31	20 4	0 24	10 35	16 38	12 9	12 45	23 43	12 12	0 43
T 7	5 18	11 48	0 4	6 51	3 1	8 32	0 4	7 15	0 12	22 39	0 11	20 6	0 5	20 36	0 31	20 4	0 24	10 34	16 38	12 9	12 44	23 45	12 13	0 43
W 8	4 55	17 35	1n12	7 18	2 49	9 2	0 1	7 33	0 12	22 39	0 11	20 5	0 5	20 36	0 31	20 4	0 24	10 33	16 38	12 9	12 43	23 47	12 14	0 43
T 9	4 31	22 24	2 24	7 44	2 36	9 32	0n 2	7 50	0 11	22 38	0 11	20 4	0 6	20 35	0 31	20 4	0 24	10 33	16 38	12 10	12 42	23 49	12 15	0 43
F 10	4 8	25 52	3 27	8 8	2 22	10 1	0 6	8 8	0 10	22 37	0 11	20 3	0 6	20 35	0 31	20 4	0 24	10 32	16 38	12 10	12 40	23 51	12 16	0 43
S 11	3 44	27 42	4 17	8 30	2 8	10 31	0 9	8 25	0 9	22 36	0 10	20 2	0 6	20 34	0 31	20 5	0 24	10 32	16 37	12 10	12 39	23 53	12 17	0 44
S 12	3 20	27 44	4 51	8 50	1 54	11 0	0 13	8 42	0 9	22 35	0 10	20 1	0 6	20 34	0 31	20 5	0 24	10 31	16 37	12 9	12 38	23 55	12 17	0 44
M13	2 57	26 2	5 8	9 8	1 40	11 28	0 16	9 0	0 8	22 35	0 10	19 59	0 6	20 33	0 31	20 5	0 24	10 30	16 37	12 8	12 37	23 57	12 18	0 44
T 14	2 33	22 47	5 7	9 24	1 25	11 57	0 20	9 17	0 7	22 34	0 10	19 58	0 6	20 33	0 31	20 5	0 24	10 30	16 37	12 6	12 36	23 59	12 19	0 44
W15	2 9	18 20	4 49	9 37	1 11	12 25	0 23	9 34	0 6	22 33	0 10	19 57	0 6	20 32	0 31	20 5	0 24	10 29	16 37	12 4	12 35	24 1	12 20	0 44
T 16	1 46	13 3	4 15	9 47	0 57	12 53	0 27	9 51	0 6	22 32	0 10	19 56	0 6	20 32	0 31	20 6	0 24	10 28	16 37	12 2	12 34	24 3	12 21	0 44
F 17	1 22	7 16	3 28	9 56	0 43	13 21	0 30	10 7	0 5	22 31	0 10	19 55	0 6	20 31	0 31	20 6	0 24	10 28	16 37	12 0	12 33	24 5	12 22	0 44
S 18	0 58	1 17	2 31	10 2	0 29	13 48	0 34	10 24	0 4	22 31	0 10	19 54	0 6	20 31	0 31	20 6	0 24	10 27	16 37	11 59	12 32	24 7	12 23	0 44
S 19	0 35	4s39	1 27	10 6	0 16	14 15	0 37	10 41	0 3	22 30	0 10	19 53	0 6	20 30	0 31	20 6	0 24	10 27	16 37	11 58	12 31	24 9	12 24	0 44
M20	0 11	10 18	0 21	10 8	0 3	14 42	0 41	10 57	0 3	22 29	0 10	19 52	0 6	20 30	0 31	20 6	0 24	10 26	16 37	11 57	12 30	24 10	12 25	0 44
T 21	0n13	15 27	0s46	10 8	0s 9	15 8	0 45	11 13	0 2	22 28	0 10	19 51	0 7	20 29	0 31	20 6	0 24	10 25	16 36	11 57	12 29	24 12	12 26	0 44
W22	0 37	19 57	1 49	10 5	0 21	15 34	0 48	11 30	0 1	22 28	0 10	19 50	0 7	20 29	0 31	20 7	0 24	10 25	16 36	11 58	12 27	24 14	12 27	0 44
T 23	1 0	23 37	2 48	10 1	0 32	16 0	0 52	11 46	0 1	22 27	0 10	19 49	0 7	20 29	0 31	20 7	0 24	10 24	16 36	11 58	12 26	24 16	12 28	0 44
F 24	1 24	26 15	3 39	9 55	0 43	16 25	0 55	12 2	0n 0	22 26	0 9	19 48	0 7	20 28	0 31	20 7	0 24	10 24	16 36	11 59	12 25	24 18	12 29	0 44
S 25	1 47	27 45	4 20	9 47	0 54	16 50	0 59	12 17	0 1	22 26	0 9	19 47	0 7	20 28	0 32	20 7	0 23	10 23	16 36	11 59	12 24	24 20	12 31	0 44
S 26	2 11	27 57	4 51	9 37	1 4	17 14	1 3	12 33	0 1	22 25	0 9	19 46	0 7	20 27	0 32	20 7	0 23	10 22	16 36	11 59	12 23	24 22	12 32	0 44
M27	2 35	26 49	5 10	9 25	1 13	17 38	1 6	12 49	0 2	22 24	0 9	19 46	0 7	20 27	0 32	20 7	0 23	10 22	16 36	11 59	12 22	24 23	12 33	0 44
T 28	2 58	24 21	5 14	9 12	1 22	18 2	1 10	13 4	0 3	22 23	0 9	19 45	0 7	20 26	0 32	20 7	0 23	10 21	16 36	11 58	12 21	24 25	12 34	0 44
W29	3 21	20 39	5 3	8 56	1 30	18 25	1 13	13 20	0 4	22 23	0 9	19 44	0 7	20 26	0 32	20 7	0 23	10 21	16 36	11 57	12 20	24 27	12 35	0 44
T 30	3 45	15 50	4 37	8 40	1 38	18 48	1 17	13 35	0 4	22 22	0 9	19 43	0 7	20 26	0 32	20 7	0 23	10 20	16 36	11 56	12 19	24 29	12 36	0 45
F 31	4n 8	10s 7	3s54	8s21	1s45	19n10	1n21	13n50	0n 5	22s22	0n 9	19s42	0s 7	20s25	0s32	20n 8	0s23	10s19	16s36	11n55	12n18	24s31	12n37	0s45

Julian Day Number = 2480458.5, Delta T = 84.38 sec
Ecliptic obliquity = 23°25'52, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°50'47, Lahiri = 24°57'47

ASTRODIENST EPHEMERIS for the year 2079
geocentric

APRIL 2079 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 7	11♈26'13	27♓20	13♓58	21♉41	7♉27	15♑49	2♒37	1♒ 8	28°R14	12♈36	1°R15	2♉19	7♐45	5♉28	S 1
S 2	12 42 3	12°25'29	11♈35	15° 8	22°51	8°11	15°55	2°41	1° 9	28♋14	12°37	1♉13	2°16	7°52	5°31	S 2
M 3	12 46 0	13°24'43	26° 4	16°20	24° 0	8°54	16° 1	2°45	1°11	28°13	12°38	1°D12	2°13	7°59	5°35	M 3
T 4	12 49 56	14°23'55	10♉42	17°35	25° 9	9°38	16° 7	2°49	1°12	28°13	12°40	1°12	2°10	8° 5	5°38	T 4
W 5	12 53 53	15°23'05	25°22	18°51	26°19	10°21	16°12	2°52	1°14	28°13	12°41	1°13	2° 7	8°12	5°42	W 5
T 6	12 57 49	16°22'12	9♊58	20° 9	27°28	11° 5	16°17	2°56	1°16	28°13	12°43	1°14	2° 3	8°19	5°45	T 6
F 7	13 1 46	17°21'18	24°26	21°29	28°36	11°48	16°22	2°59	1°17	28°13	12°44	1°15	2° 0	8°25	5°49	F 7
S 8	13 5 43	18°20'21	8♋41	22°51	29°45	12°32	16°27	3° 3	1°18	28°D13	12°46	1°16	1°57	8°32	5°52	S 8
S 9	13 9 39	19°19'21	22°41	24°15	0♊54	13°15	16°32	3° 6	1°20	28°13	12°47	1°R16	1°54	8°39	5°56	S 9
M10	13 13 36	20°18'20	6♌26	25°41	2° 2	13°58	16°36	3° 9	1°21	28°13	12°49	1°15	1°51	8°45	6° 0	M10
T 11	13 17 32	21°17'16	19°56	27° 8	3°10	14°41	16°41	3°12	1°22	28°13	12°50	1°15	1°48	8°52	6° 3	T 11
W12	13 21 29	22°16'09	3♍10	28°37	4°18	15°25	16°45	3°15	1°24	28°13	12°52	1°14	1°44	8°59	6° 7	W12
T 13	13 25 25	23°15'00	16° 9	0♈ 7	5°26	16° 8	16°49	3°18	1°25	28°13	12°53	1°12	1°41	9° 5	6°11	T 13
F 14	13 29 22	24°13'50	28°55	1°40	6°34	16°51	16°53	3°21	1°26	28°14	12°54	1°11	1°38	9°12	6°14	F 14
S 15	13 33 18	25°12'37	11♎28	3°13	7°42	17°34	16°57	3°24	1°27	28°14	12°56	1°11	1°35	9°19	6°18	S 15
S 16	13 37 15	26°11'22	23°49	4°49	8°49	18°17	17° 0	3°27	1°28	28°14	12°57	1°11	1°32	9°25	6°22	S 16
M17	13 41 12	27°10'05	6♏ 0	6°26	9°56	19° 0	17° 3	3°29	1°29	28°14	12°59	1°D10	1°29	9°32	6°25	M17
T 18	13 45 8	28° 8'46	18° 1	8° 5	11° 3	19°43	17° 7	3°32	1°30	28°15	13° 0	1°11	1°25	9°39	6°29	T 18
W19	13 49 5	29° 7'25	29°57	9°45	12°10	20°25	17°10	3°34	1°31	28°15	13° 1	1°11	1°22	9°45	6°33	W19
T 20	13 53 1	0♉ 6'03	11♐48	11°27	13°16	21° 8	17°12	3°37	1°31	28°15	13° 3	1°11	1°19	9°52	6°37	T 20
F 21	13 56 58	1° 4'39	23°37	13°10	14°23	21°51	17°15	3°39	1°32	28°16	13° 4	1°R11	1°16	9°59	6°40	F 21
S 22	14 0 54	2° 3'13	5♑30	14°56	15°29	22°34	17°18	3°41	1°33	28°16	13° 6	1°11	1°13	10° 5	6°44	S 22
S 23	14 4 51	3° 1'45	17°28	16°43	16°35	23°16	17°20	3°43	1°34	28°17	13° 7	1°11	1° 9	10°12	6°48	S 23
M24	14 8 47	4° 0'16	29°37	18°31	17°41	23°59	17°22	3°45	1°34	28°17	13° 8	1°D11	1° 6	10°19	6°52	M24
T 25	14 12 44	4°58'45	12♒ 2	20°21	18°46	24°42	17°24	3°47	1°35	28°18	13°10	1°11	1° 3	10°25	6°55	T 25
W26	14 16 41	5°57'13	24°45	22°13	19°52	25°24	17°26	3°49	1°35	28°18	13°11	1°11	1° 0	10°32	6°59	W26
T 27	14 20 37	6°55'39	7♓52	24° 7	20°57	26° 7	17°27	3°50	1°36	28°19	13°13	1°12	0°57	10°39	7° 3	T 27
F 28	14 24 34	7°54'03	21°24	26° 2	22° 2	26°49	17°28	3°52	1°36	28°19	13°14	1°12	0°54	10°45	7° 7	F 28
S 29	14 28 30	8°52'25	5♈22	27°59	23° 6	27°31	17°30	3°53	1°37	28°20	13°15	1°13	0°50	10°52	7°10	S 29
S 30	14 32 27	9♉50'46	19♈44	29♈57	24♊11	28♉14	17♑30	3♒55	1♒37	28♋21	13♈17	1♉13	0♉47	10♐59	7♉14	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n31	3s45	2s56	8s 2	1s52	19n32	1n24	14n 5	0n 6	22s21	0n 9	19s41	0s 7	20s25	0s32	20n 8	0s23	10s19	16s36	11n54	12n17	24s33	12n38	0s45
S 2	4 54	2n57	1 46	7 40	1 58	19 54	1 28	14 20	0 6	22 20	0 9	19 41	0 8	20 25	0 32	20 8	0 23	10 18	16 36	11 54	12 15	24 34	12 39	0 45
M 3	5 18	9 37	0 28	7 17	2 4	20 14	1 31	14 34	0 7	22 20	0 9	19 40	0 8	20 24	0 32	20 8	0 23	10 18	16 36	11 53	12 14	24 36	12 40	0 45
T 4	5 40	15 51	0n52	6 53	2 9	20 35	1 35	14 49	0 8	22 19	0 9	19 39	0 8	20 24	0 32	20 8	0 23	10 17	16 36	11 53	12 13	24 38	12 42	0 45
W 5	6 3	21 12	2 10	6 28	2 14	20 55	1 38	15 3	0 8	22 19	0 8	19 38	0 8	20 24	0 32	20 8	0 23	10 17	16 36	11 54	12 12	24 40	12 43	0 45
T 6	6 26	25 12	3 18	6 1	2 18	21 14	1 42	15 17	0 9	22 18	0 8	19 38	0 8	20 23	0 32	20 8	0 23	10 16	16 36	11 54	12 11	24 42	12 44	0 45
F 7	6 49	27 32	4 14	5 33	2 22	21 33	1 45	15 31	0 10	22 18	0 8	19 37	0 8	20 23	0 32	20 8	0 23	10 16	16 36	11 54	12 10	24 43	12 45	0 45
S 8	7 11	28 1	4 52	5 3	2 25	21 51	1 49	15 45	0 10	22 17	0 8	19 36	0 8	20 23	0 32	20 8	0 23	10 15	16 36	11 55	12 9	24 45	12 46	0 45
S 9	7 34	26 40	5 13	4 32	2 28	22 9	1 52	15 59	0 11	22 17	0 8	19 35	0 8	20 23	0 32	20 8	0 23	10 15	16 36	11 55	12 8	24 47	12 47	0 45
M10	7 56	23 44	5 15	4 1	2 30	22 27	1 55	16 13	0 12	22 16	0 8	19 35	0 8	20 22	0 32	20 8	0 23	10 14	16 36	11 54	12 7	24 49	12 48	0 45
T 11	8 18	19 34	5 0	3 27	2 31	22 43	1 58	16 26	0 12	22 16	0 8	19 34	0 8	20 22	0 32	20 8	0 23	10 14	16 36	11 54	12 6	24 50	12 49	0 45
W12	8 40	14 31	4 29	2 53	2 33	22 59	2 2	16 39	0 13	22 15	0 8	19 34	0 8	20 22	0 32	20 8	0 23	10 13	16 36	11 54	12 4	24 52	12 51	0 45
T 13	9 2	8 55	3 45	2 18	2 33	23 15	2 5	16 52	0 13	22 15	0 8	19 33	0 9	20 22	0 32	20 8	0 23	10 13	16 36	11 53	12 3	24 54	12 52	0 45
F 14	9 24	3 2	2 50	1 41	2 33	23 30	2 8	17 5	0 14	22 14	0 8	19 32	0 9	20 21	0 32	20 8	0 23	10 12	16 36	11 53	12 2	24 56	12 53	0 45
S 15	9 45	2s53	1 47	1 4	2 33	23 44	2 11	17 18	0 15	22 14	0 8	19 32	0 9	20 21	0 32	20 8	0 23	10 12	16 36	11 53	12 1	24 57	12 54	0 45
S 16	10 6	8 36	0 41	0 25	2 32	23 58	2 14	17 31	0 15	22 14	0 7	19 31	0 9	20 21	0 32	20 8	0 23	10 11	16 37	11 53	12 0	24 59	12 55	0 46
M17	10 28	13 56	0s27	0n15	2 31	24 11	2 17	17 43	0 16	22 13	0 7	19 31	0 9	20 21	0 32	20 8	0 23	10 11	16 37	11 53	11 59	25 1	12 56	0 46
T 18	10 49	18 40	1 32	0 55	2 29	24 24	2 20	17 55	0 17	22 13	0 7	19 30	0 9	20 21	0 32	20 8	0 23	10 10	16 37	11 53	11 58	25 3	12 58	0 46
W19	11 10	22 37	2 33	1 37	2 26	24 36	2 23	18 8	0 17	22 13	0 7	19 30	0 9	20 21	0 32	20 8	0 23	10 10	16 37	11 53	11 57	25 4	12 59	0 46
T 20	11 30	25 37	3 27	2 20	2 23	24 48	2 26	18 19	0 18	22 12	0 7	19 29	0 9	20 20	0 32	20 8	0 23	10 9	16 37	11 53	11 56	25 6	13 0	0 46
F 21	11 51	27 28	4 12	3 3	2 20	24 58	2 28	18 31	0 18	22 12	0 7	19 29	0 9	20 20	0 32	20 8	0 23	10 9	16 37	11 53	11 55	25 8	13 1	0 46
S 22	12 11	28 5	4 46	3 47	2 16	25 8	2 31	18 43	0 19	22 12	0 7	19 29	0 9	20 20	0 32	20 8	0 23	10 9	16 37	11 53	11 53	25 9	13 2	0 46
S 23	12 31	27 23	5 8	4 33	2 11	25 18	2 33	18 54	0 20	22 12	0 7	19 28	0 10	20 20	0 32	20 8	0 23	10 8	16 37	11 53	11 52	25 11	13 3	0 46
M24	12 51	25 23	5 17	5 18	2 6	25 27	2 36	19 5	0 20	22 12	0 7	19 28	0 10	20 20	0 32	20 8	0 23	10 8	16 37	11 53	11 51	25 13	13 4	0 46
T 25	13 11	22 10	5 12	6 5	2 1	25 35	2 38	19 16	0 21	22 11	0 7	19 27	0 10	20 20	0 33	20 7	0 23	10 7	16 38	11 53	11 50	25 14	13 6	0 46
W26	13 30	17 50	4 51	6 52	1 55	25 43	2 41	19 27	0 21	22 11	0 6	19 27	0 10	20 20	0 33	20 7	0 23	10 7	16 38	11 53	11 49	25 16	13 7	0 46
T 27	13 49	12 33	4 15	7 40	1 48	25 50	2 43	19 38	0 22	22 11	0 6	19 27	0 10	20 20	0 33	20 7	0 23	10 7	16 38	11 53	11 48	25 18	13 8	0 46
F 28	14 8	6 32	3 23	8 28	1 41	25 56	2 45	19 48	0 23	22 11	0 6	19 27	0 10	20 20	0 33	20 7	0 23	10 6	16 38	11 53	11 47	25 19	13 9	0 46
S 29	14 27	0n 0	2 19	9 17	1 34	26 2	2 47	19 59	0 23	22 11	0 6	19 26	0 10	20 20	0 33	20 7	0 23	10 6	16 38	11 54	11 46	25 21	13 10	0 46
S 30	14n46	6n44	1s 3	10n 6	1s26	26n 7	2n49	20n 9	0n24	22s11	0n 6	19s26	0s10	20s19	0s33	20n 7	0s23	10s 5	16s38	11n54	11n45	25s22	13n11	0s47

Julian Day Number = 2480489.5, Delta T = 84.41 sec
Ecliptic obliquity = 23°25'53, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°50'51, Lahiri = 24°57'51

ASTRODIENST EPHEMERIS for the year 2079
geocentric

MAY 2079 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 36 23	10♉49'06	4♉27	1♉57	25♊15	28♉56	17♋31	3♒56	1♒37	28♋21	13♈18	1°R13	0♉44	11♐ 5	7♉18	M 1
T 2	14 40 20	11°47'23	19°24	3°59	26°19	29°38	17°32	3°57	1°37	28°22	13°19	1♉13	0°41	11°12	7°22	T 2
W 3	14 44 16	12°45'39	4♊27	6° 2	27°23	0♊20	17°32	3°58	1°38	28°23	13°21	1°12	0°38	11°19	7°26	W 3
T 4	14 48 13	13°43'53	19°27	8° 6	28°26	1° 3	17°32	3°59	1°38	28°24	13°22	1°11	0°35	11°26	7°29	T 4
F 5	14 52 10	14°42'06	4♋17	10°12	29°29	1°45	17°R32	4° 0	1°38	28°25	13°23	1° 9	0°31	11°32	7°33	F 5
S 6	14 56 6	15°40'16	18°48	12°20	0♋32	2°27	17°32	4° 1	1°R38	28°26	13°24	1° 8	0°28	11°39	7°37	S 6
S 7	15 0 3	16°38'24	2♌58	14°28	1°34	3° 9	17°32	4° 2	1°38	28°27	13°26	1° 7	0°25	11°46	7°40	S 7
M 8	15 3 59	17°36'30	16°45	16°37	2°36	3°51	17°31	4° 2	1°38	28°27	13°27	1°D 6	0°22	11°52	7°44	M 8
T 9	15 7 56	18°34'34	0♍ 9	18°47	3°38	4°33	17°31	4° 3	1°38	28°28	13°28	1° 7	0°19	11°59	7°48	T 9
W10	15 11 52	19°32'37	13°12	20°57	4°40	5°15	17°30	4° 3	1°37	28°29	13°29	1° 8	0°15	12° 6	7°52	W10
T 11	15 15 49	20°30'37	25°56	23° 7	5°41	5°56	17°29	4° 3	1°37	28°30	13°31	1° 9	0°12	12°12	7°55	T 11
F 12	15 19 45	21°28'35	8♎25	25°18	6°42	6°38	17°27	4° 3	1°37	28°32	13°32	1°10	0° 9	12°19	7°59	F 12
S 13	15 23 42	22°26'32	20°42	27°28	7°42	7°20	17°26	4° 4	1°37	28°33	13°33	1°11	0° 6	12°26	8° 3	S 13
S 14	15 27 39	23°24'27	2♏48	29°38	8°42	8° 2	17°24	4°R 4	1°36	28°34	13°34	1°R12	0° 3	12°32	8° 6	S 14
M15	15 31 35	24°22'21	14°48	1♊46	9°42	8°43	17°22	4° 4	1°36	28°35	13°35	1°11	29♈59	12°39	8°10	M15
T 16	15 35 32	25°20'12	26°42	3°54	10°41	9°25	17°20	4° 3	1°35	28°36	13°36	1° 9	29°56	12°46	8°14	T 16
W17	15 39 28	26°18'03	8♐34	6° 0	11°40	10° 6	17°18	4° 3	1°35	28°37	13°38	1° 6	29°53	12°52	8°17	W17
T 18	15 43 25	27°15'52	20°24	8° 5	12°39	10°48	17°16	4° 3	1°34	28°39	13°39	1° 2	29°50	12°59	8°21	T 18
F 19	15 47 21	28°13'40	2♑15	10° 7	13°37	11°29	17°13	4° 2	1°34	28°40	13°40	0°58	29°47	13° 6	8°25	F 19
S 20	15 51 18	29°11'26	14°10	12° 8	14°34	12°11	17°10	4° 2	1°33	28°41	13°41	0°53	29°44	13°12	8°28	S 20
S 21	15 55 15	0♊ 9'12	26°11	14° 6	15°31	12°52	17° 7	4° 1	1°32	28°42	13°42	0°49	29°41	13°19	8°32	S 21
M22	15 59 11	1° 6'56	8♒21	16° 1	16°28	13°33	17° 4	4° 0	1°31	28°44	13°43	0°45	29°37	13°26	8°35	M22
T 23	16 3 8	2° 4'39	20°44	17°55	17°24	14°15	17° 1	3°59	1°31	28°45	13°44	0°43	29°34	13°32	8°39	T 23
W24	16 7 4	3° 2'21	3♓24	19°45	18°20	14°56	16°57	3°58	1°30	28°47	13°45	0°D43	29°31	13°39	8°42	W24
T 25	16 11 1	4° 0'01	16°25	21°32	19°15	15°37	16°54	3°57	1°29	28°48	13°46	0°43	29°28	13°46	8°46	T 25
F 26	16 14 57	4°57'41	29°49	23°17	20°10	16°18	16°50	3°56	1°28	28°49	13°47	0°45	29°25	13°53	8°49	F 26
S 27	16 18 54	5°55'20	13♈40	24°59	21° 4	16°59	16°46	3°55	1°27	28°51	13°48	0°46	29°21	13°59	8°53	S 27
S 28	16 22 50	6°52'58	27°58	26°37	21°57	17°41	16°42	3°54	1°26	28°52	13°49	0°R47	29°18	14° 6	8°56	S 28
M29	16 26 47	7°50'35	12♉40	28°13	22°50	18°22	16°37	3°52	1°25	28°54	13°50	0°46	29°15	14°13	9° 0	M29
T 30	16 30 44	8°48'11	27°42	29°46	23°42	19° 3	16°33	3°51	1°24	28°55	13°51	0°44	29°12	14°19	9° 3	T 30
W31	16 34 40	9♊45'46	12♊55	1♋15	24♋34	19♊44	16♋28	3♒49	1♒23	28♋57	13♈52	0♉40	29♈ 9	14♐26	9♉ 6	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 4	13n17	0n18	10n56	1s18	26n12	2n51	20n19	0n24	22s11	0n 6	19s26	0s10	20s19	0s33	20n 7	0s23	10s 5	16s38	11n54	11n44	25s24	13n13	0s47
T 2	15 22	19 10	1 39	11 45	1 9	26 16	2 53	20 28	0 25	22 11	0 6	19 26	0 10	20 19	0 33	20 7	0 23	10 5	16 39	11 54	11 42	25 26	13 14	0 47
W 3	15 40	23 52	2 54	12 35	1 0	26 19	2 55	20 38	0 25	22 11	0 6	19 26	0 10	20 19	0 33	20 7	0 23	10 4	16 39	11 53	11 41	25 27	13 15	0 47
T 4	15 57	26 56	3 56	13 24	0 51	26 21	2 56	20 47	0 26	22 11	0 6	19 25	0 11	20 19	0 33	20 6	0 23	10 4	16 39	11 53	11 40	25 29	13 16	0 47
F 5	16 15	28 4	4 42	14 14	0 41	26 23	2 58	20 56	0 27	22 11	0 6	19 25	0 11	20 19	0 33	20 6	0 23	10 4	16 39	11 52	11 39	25 31	13 17	0 47
S 6	16 32	27 13	5 9	15 2	0 31	26 25	2 59	21 5	0 27	22 12	0 5	19 25	0 11	20 19	0 33	20 6	0 23	10 3	16 39	11 52	11 38	25 32	13 18	0 47
S 7	16 48	24 37	5 16	15 51	0 21	26 25	3 0	21 14	0 28	22 12	0 5	19 25	0 11	20 20	0 33	20 6	0 22	10 3	16 39	11 51	11 37	25 34	13 19	0 47
M 8	17 5	20 39	5 5	16 38	0 10	26 26	3 1	21 22	0 28	22 12	0 5	19 25	0 11	20 20	0 33	20 6	0 22	10 3	16 40	11 51	11 36	25 35	13 21	0 47
T 9	17 21	15 44	4 37	17 24	0n 0	26 25	3 2	21 31	0 29	22 12	0 5	19 25	0 11	20 20	0 33	20 6	0 22	10 3	16 40	11 51	11 35	25 37	13 22	0 47
W10	17 37	10 13	3 55	18 10	0 11	26 24	3 3	21 39	0 29	22 12	0 5	19 25	0 11	20 20	0 33	20 5	0 22	10 2	16 40	11 52	11 34	25 38	13 23	0 47
T 11	17 52	4 25	3 3	18 54	0 21	26 22	3 4	21 47	0 30	22 13	0 5	19 25	0 11	20 20	0 33	20 5	0 22	10 2	16 40	11 52	11 32	25 40	13 24	0 47
F 12	18 8	1s28	2 2	19 36	0 32	26 20	3 5	21 55	0 30	22 13	0 5	19 25	0 11	20 20	0 33	20 5	0 22	10 2	16 40	11 53	11 31	25 41	13 25	0 47
S 13	18 22	7 11	0 58	20 16	0 42	26 17	3 5	22 2	0 31	22 13	0 5	19 25	0 11	20 20	0 33	20 5	0 22	10 2	16 41	11 53	11 30	25 43	13 26	0 48
S 14	18 37	12 35	0s 9	20 55	0 52	26 14	3 5	22 9	0 31	22 13	0 5	19 25	0 12	20 20	0 33	20 5	0 22	10 1	16 41	11 53	11 29	25 45	13 27	0 48
M15	18 51	17 27	1 14	21 31	1 2	26 10	3 6	22 17	0 32	22 14	0 4	19 25	0 12	20 20	0 33	20 4	0 22	10 1	16 41	11 53	11 28	25 46	13 28	0 48
T 16	19 5	21 37	2 16	22 5	1 11	26 5	3 6	22 23	0 33	22 14	0 4	19 26	0 12	20 20	0 33	20 4	0 22	10 1	16 41	11 52	11 27	25 48	13 29	0 48
W17	19 19	24 52	3 11	22 37	1 20	26 0	3 6	22 30	0 33	22 15	0 4	19 26	0 12	20 21	0 33	20 4	0 22	10 1	16 42	11 51	11 26	25 49	13 31	0 48
T 18	19 32	27 2	3 58	23 6	1 28	25 55	3 6	22 37	0 34	22 15	0 4	19 26	0 12	20 21	0 33	20 4	0 22	10 0	16 42	11 50	11 25	25 51	13 32	0 48
F 19	19 46	27 59	4 35	23 33	1 36	25 48	3 5	22 43	0 34	22 15	0 4	19 26	0 12	20 21	0 33	20 4	0 22	10 0	16 42	11 48	11 23	25 52	13 33	0 48
S 20	19 58	27 39	5 0	23 57	1 43	25 42	3 5	22 49	0 35	22 16	0 4	19 26	0 12	20 21	0 33	20 3	0 22	10 0	16 42	11 47	11 22	25 54	13 34	0 48
S 21	20 11	26 0	5 12	24 18	1 50	25 34	3 4	22 55	0 35	22 16	0 4	19 27	0 12	20 21	0 33	20 3	0 22	10 0	16 43	11 45	11 21	25 55	13 35	0 48
M22	20 23	23 9	5 10	24 37	1 55	25 27	3 3	23 0	0 36	22 17	0 4	19 27	0 12	20 21	0 33	20 3	0 22	10 0	16 43	11 44	11 20	25 57	13 36	0 48
T 23	20 34	19 13	4 54	24 53	2 0	25 19	3 2	23 6	0 36	22 17	0 3	19 27	0 12	20 22	0 33	20 3	0 22	10 0	16 43	11 43	11 19	25 58	13 37	0 48
W24	20 46	14 21	4 23	25 6	2 5	25 10	3 1	23 11	0 37	22 18	0 3	19 28	0 13	20 22	0 34	20 2	0 22	9 59	16 43	11 43	11 18	26 0	13 38	0 48
T 25	20 56	8 43	3 39	25 17	2 8	25 1	3 0	23 16	0 37	22 19	0 3	19 28	0 13	20 22	0 34	20 2	0 22	9 59	16 44	11 43	11 17	26 1	13 39	0 49
F 26	21 7	2 32	2 41	25 26	2 11	24 51	2 58	23 21	0 38	22 19	0 3	19 28	0 13	20 22	0 34	20 2	0 22	9 59	16 44	11 44	11 16	26 2	13 40	0 49
S 27	21 17	3n59	1 32	25 33	2 13	24 41	2 56	23 26	0 38	22 20	0 3	19 29	0 13	20 23	0 34	20 1	0 22	9 59	16 44	11 44	11 15	26 4	13 41	0 49
S 28	21 27	10 31	0 15	25 37	2 14	24 31	2 55	23 30	0 39	22 20	0 3	19 29	0 13	20 23	0 34	20 1	0 22	9 59	16 45	11 45	11 13	26 5	13 42	0 49
M29	21 37	16 39	1n 4	25 39	2 14	24 20	2 53	23 34	0 39	22 21	0 3	19 29	0 13	20 23	0 34	20 1	0 22	9 59	16 45	11 44	11 12	26 7	13 43	0 49
T 30	21 46	21 56	2 21	25 39	2 13	24 9	2 50	23 38	0 39	22 22	0 3	19 30	0 13	20 23	0 34	20 1	0 22	9 59	16 45	11 44	11 11	26 8	13 44	0 49
W31	21n54	25n48	3n29	25n37	2n12	23n57	2n48	23n42	0n40	22s23	0n 2	19s30	0s13	20s24	0s34	20n 0	0s22	9s59	16s45	11n42	11n10	26s10	13n45	0s49

Julian Day Number = 2480519.5, Delta T = 84.45 sec
Ecliptic obliquity = 23°25'52, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°50'55, Lahiri = 24°57'55

ASTRODIENST EPHEMERIS for the year 2079
geocentric

JUNE 2079 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 37	10♊43'20	28♊10	2♋42	25♋25	20♊25	16°R24	3°R47	1°R21	28♋59	13♈53	0°R35	29♈ 6	14♐33	9♉10	T 1
F 2	16 42 33	11°40'53	13♋15	4° 5	26°15	21° 5	16♉19	3♒46	1♒20	29° 0	13°54	0♉29	29° 2	14°39	9°13	F 2
S 3	16 46 30	12°38'24	28° 2	5°25	27° 5	21°46	16°13	3°44	1°19	29° 2	13°54	0°23	28°59	14°46	9°16	S 3
S 4	16 50 26	13°35'55	12♌25	6°41	27°53	22°27	16° 8	3°42	1°18	29° 4	13°55	0°19	28°56	14°53	9°20	S 4
M 5	16 54 23	14°33'23	26°20	7°55	28°41	23° 8	16° 3	3°40	1°16	29° 5	13°56	0°15	28°53	14°59	9°23	M 5
T 6	16 58 19	15°30'51	9♍46	9° 5	29°29	23°49	15°57	3°38	1°15	29° 7	13°57	0°D14	28°50	15° 6	9°26	T 6
W 7	17 2 16	16°28'17	22°47	10°11	0♌15	24°29	15°52	3°35	1°13	29° 9	13°58	0°14	28°47	15°13	9°29	W 7
T 8	17 6 13	17°25'42	5♎26	11°14	1° 0	25°10	15°46	3°33	1°12	29°10	13°59	0°15	28°43	15°19	9°32	T 8
F 9	17 10 9	18°23'06	17°47	12°14	1°45	25°50	15°40	3°31	1°10	29°12	13°59	0°16	28°40	15°26	9°35	F 9
S 10	17 14 6	19°20'29	29°54	13° 9	2°29	26°31	15°34	3°28	1° 9	29°14	14° 0	0°R17	28°37	15°33	9°39	S 10
S 11	17 18 2	20°17'51	11♏53	14° 2	3°11	27°12	15°28	3°26	1° 7	29°16	14° 1	0°16	28°34	15°39	9°42	S 11
M12	17 21 59	21°15'12	23°45	14°50	3°53	27°52	15°21	3°23	1° 5	29°18	14° 1	0°13	28°31	15°46	9°45	M12
T 13	17 25 55	22°12'32	5♐35	15°34	4°34	28°32	15°15	3°20	1° 4	29°19	14° 2	0° 8	28°27	15°53	9°48	T 13
W14	17 29 52	23° 9'52	17°25	16°15	5°13	29°13	15° 8	3°17	1° 2	29°21	14° 3	0° 1	28°24	16° 0	9°51	W14
T 15	17 33 48	24° 7'10	29°17	16°51	5°51	29°53	15° 2	3°15	1° 0	29°23	14° 3	29♈52	28°21	16° 6	9°54	T 15
F 16	17 37 45	25° 4'28	11♑12	17°23	6°29	0♋34	14°55	3°12	0°59	29°25	14° 4	29°42	28°18	16°13	9°57	F 16
S 17	17 41 42	26° 1'46	23°13	17°51	7° 5	1°14	14°48	3° 9	0°57	29°27	14° 5	29°31	28°15	16°20	9°59	S 17
S 18	17 45 38	26°59'03	5♒20	18°14	7°39	1°54	14°41	3° 6	0°55	29°29	14° 5	29°22	28°12	16°26	10° 2	S 18
M19	17 49 35	27°56'19	17°36	18°33	8°13	2°34	14°34	3° 2	0°53	29°31	14° 6	29°14	28° 8	16°33	10° 5	M19
T 20	17 53 31	28°53'35	0♓ 3	18°48	8°45	3°15	14°27	2°59	0°51	29°33	14° 6	29° 8	28° 5	16°40	10° 8	T 20
W21	17 57 28	29°50'51	12°45	18°58	9°15	3°55	14°20	2°56	0°49	29°35	14° 7	29° 4	28° 2	16°46	10°11	W21
T 22	18 1 24	0♋48'06	25°43	19° 3	9°45	4°35	14°13	2°53	0°47	29°37	14° 7	29°D 3	27°59	16°53	10°13	T 22
F 23	18 5 21	1°45'22	9♈ 2	19°R 4	10°12	5°15	14° 6	2°49	0°45	29°39	14° 8	29° 3	27°56	17° 0	10°16	F 23
S 24	18 9 17	2°42'37	22°44	19° 0	10°38	5°55	13°58	2°46	0°43	29°41	14° 8	29°R 3	27°53	17° 6	10°19	S 24
S 25	18 13 14	3°39'52	6♉51	18°52	11° 3	6°35	13°51	2°42	0°41	29°43	14° 9	29° 3	27°49	17°13	10°21	S 25
M26	18 17 11	4°37'07	21°22	18°40	11°26	7°15	13°43	2°39	0°39	29°45	14° 9	29° 1	27°46	17°20	10°24	M26
T 27	18 21 7	5°34'22	6♊14	18°23	11°47	7°55	13°36	2°35	0°37	29°47	14° 9	28°57	27°43	17°27	10°26	T 27
W28	18 25 4	6°31'37	21°21	18° 3	12° 6	8°35	13°28	2°31	0°35	29°49	14°10	28°51	27°40	17°33	10°29	W28
T 29	18 29 0	7°28'52	6♋34	17°39	12°23	9°15	13°21	2°27	0°33	29°51	14°10	28°42	27°37	17°40	10°31	T 29
F 30	18 32 57	8♋26'07	21♋42	17♋11	12♌39	9♋54	13♉13	2♒24	0♒31	29♋53	14♈10	28♈32	27♈33	17♐47	10♉33	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 3	27n47	4n22	25n34	2n10	23n45	2n45	23n45	0n40	22s23	0n 2	19s31	0s13	20s24	0s34	20n 0	0s22	9s59	16s46	11n40	11n 9	26s11	13n46	0s49
F 2	22 11	27 41	4 56	25 29	2 7	23 33	2 42	23 49	0 41	22 24	0 2	19 31	0 13	20 24	0 34	20 0	0 22	9 59	16 46	11 38	11 8	26 12	13 47	0 49
S 3	22 18	25 36	5 9	25 22	2 3	23 20	2 39	23 52	0 41	22 25	0 2	19 32	0 14	20 25	0 34	19 59	0 22	9 59	16 46	11 36	11 7	26 14	13 48	0 49
S 4	22 25	21 55	5 3	25 14	1 58	23 7	2 36	23 55	0 42	22 25	0 2	19 33	0 14	20 25	0 34	19 59	0 22	9 59	16 47	11 35	11 6	26 15	13 49	0 50
M 5	22 32	17 6	4 38	25 4	1 53	22 54	2 32	23 57	0 42	22 26	0 2	19 33	0 14	20 25	0 34	19 59	0 22	9 59	16 47	11 33	11 4	26 17	13 50	0 50
T 6	22 39	11 35	3 59	24 53	1 46	22 40	2 29	24 0	0 43	22 27	0 2	19 34	0 14	20 26	0 34	19 58	0 22	9 59	16 47	11 33	11 3	26 18	13 51	0 50
W 7	22 45	5 45	3 9	24 41	1 39	22 27	2 25	24 2	0 43	22 28	0 2	19 34	0 14	20 26	0 34	19 58	0 22	9 59	16 48	11 33	11 2	26 19	13 52	0 50
T 8	22 50	0s10	2 10	24 29	1 32	22 13	2 20	24 4	0 44	22 29	0 1	19 35	0 14	20 26	0 34	19 58	0 22	9 59	16 48	11 33	11 1	26 21	13 52	0 50
F 9	22 55	5 57	1 7	24 15	1 23	21 58	2 16	24 6	0 44	22 29	0 1	19 36	0 14	20 27	0 34	19 57	0 22	9 59	16 48	11 34	11 0	26 22	13 53	0 50
S 10	23 0	11 24	0 2	24 0	1 14	21 44	2 11	24 8	0 44	22 30	0 1	19 36	0 14	20 27	0 34	19 57	0 22	9 59	16 49	11 34	10 59	26 23	13 54	0 50
S 11	23 5	16 23	1s 2	23 45	1 4	21 29	2 6	24 9	0 45	22 31	0 1	19 37	0 14	20 27	0 34	19 57	0 22	9 59	16 49	11 34	10 58	26 25	13 55	0 50
M12	23 9	20 41	2 3	23 29	0 53	21 14	2 1	24 10	0 45	22 32	0 1	19 38	0 15	20 28	0 34	19 56	0 22	9 59	16 49	11 33	10 56	26 26	13 56	0 50
T 13	23 12	24 9	2 58	23 12	0 41	20 59	1 56	24 11	0 46	22 33	0 1	19 38	0 15	20 28	0 34	19 56	0 22	9 59	16 50	11 31	10 55	26 27	13 57	0 50
W14	23 15	26 34	3 45	22 56	0 29	20 44	1 50	24 12	0 46	22 34	0 1	19 39	0 15	20 29	0 34	19 55	0 22	9 59	16 50	11 28	10 54	26 29	13 58	0 51
T 15	23 18	27 49	4 23	22 38	0 16	20 29	1 44	24 12	0 47	22 35	0 0	19 40	0 15	20 29	0 34	19 55	0 22	9 59	16 50	11 25	10 53	26 30	13 58	0 51
F 16	23 20	27 46	4 49	22 21	0 3	20 13	1 38	24 13	0 47	22 35	0 0	19 41	0 15	20 29	0 34	19 55	0 22	9 59	16 51	11 22	10 52	26 31	13 59	0 51
S 17	23 22	26 24	5 3	22 4	0s11	19 58	1 31	24 13	0 47	22 36	0 0	19 41	0 15	20 30	0 34	19 54	0 22	9 59	16 51	11 18	10 51	26 33	14 0	0 51
S 18	23 24	23 49	5 3	21 46	0 26	19 42	1 24	24 13	0 48	22 37	0 0	19 42	0 15	20 30	0 34	19 54	0 22	9 59	16 51	11 15	10 50	26 34	14 1	0 51
M19	23 25	20 8	4 49	21 29	0 41	19 27	1 17	24 13	0 48	22 38	0s 0	19 43	0 15	20 31	0 34	19 54	0 22	9 59	16 52	11 12	10 49	26 35	14 2	0 51
T 20	23 26	15 32	4 22	21 11	0 56	19 11	1 10	24 12	0 49	22 39	0 0	19 44	0 15	20 31	0 34	19 53	0 22	9 59	16 52	11 10	10 47	26 36	14 2	0 51
W21	23 26	10 10	3 41	20 54	1 12	18 56	1 2	24 11	0 49	22 40	0 0	19 45	0 15	20 31	0 34	19 53	0 22	10 0	16 52	11 8	10 46	26 38	14 3	0 51
T 22	23 26	4 16	2 48	20 37	1 28	18 40	0 54	24 10	0 49	22 41	0 1	19 46	0 16	20 32	0 34	19 52	0 22	10 0	16 53	11 8	10 45	26 39	14 4	0 51
F 23	23 25	1n58	1 45	20 21	1 44	18 25	0 45	24 9	0 50	22 42	0 1	19 47	0 16	20 32	0 34	19 52	0 22	10 0	16 53	11 8	10 44	26 40	14 5	0 52
S 24	23 24	8 19	0 34	20 6	2 1	18 9	0 37	24 8	0 50	22 43	0 1	19 47	0 16	20 33	0 34	19 52	0 22	10 0	16 53	11 8	10 43	26 41	14 5	0 52
S 25	23 23	14 27	0n41	19 50	2 17	17 54	0 28	24 7	0 51	22 44	0 1	19 48	0 16	20 33	0 34	19 51	0 22	10 0	16 54	11 8	10 42	26 43	14 6	0 52
M26	23 21	19 57	1 56	19 36	2 33	17 39	0 19	24 5	0 51	22 45	0 1	19 49	0 16	20 34	0 34	19 51	0 22	10 0	16 54	11 7	10 41	26 44	14 7	0 52
T 27	23 19	24 22	3 4	19 22	2 49	17 24	0 9	24 3	0 51	22 45	0 1	19 50	0 16	20 34	0 34	19 50	0 21	10 1	16 54	11 6	10 39	26 45	14 7	0 52
W28	23 16	27 9	4 1	19 10	3 5	17 9	0s 1	24 1	0 52	22 46	0 1	19 51	0 16	20 35	0 34	19 50	0 21	10 1	16 55	11 4	10 38	26 46	14 8	0 52
T 29	23 13	27 56	4 40	18 58	3 20	16 54	0 11	23 58	0 52	22 47	0 2	19 52	0 16	20 35	0 34	19 50	0 21	10 1	16 55	11 1	10 37	26 47	14 9	0 52
F 30	23n10	26n37	5n 0	18n47	3s34	16n39	0s22	23n56	0n52	22s48	0s 2	19s53	0s16	20s36	0s34	19n49	0s21	10s 1	16s56	10n57	10n36	26s49	14n 9	0s52

Julian Day Number = 2480550.5, Delta T = 84.48 sec
Ecliptic obliquity = 23°25'52, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°50'59, Lahiri = 24°58'00

ASTRODIENST EPHEMERIS for the year 2079
geocentric

JULY 2079 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 53	9♋23'21	6♌35	16°R41	12♌52	10♋34	13°R 5	2°R20	0°R29	29♋55	14♈11	28°R22	27♈30	17♐53	10♉36	S 1
S 2	18 40 50	10°20'35	21° 5	16♋ 8	13° 4	11°14	12♉58	2♒16	0♒26	29°57	14°11	28♈14	27°27	18° 0	10°38	S 2
M 3	18 44 47	11°17'49	5♍ 7	15°34	13°13	11°54	12°50	2°12	0°24	29°59	14°11	28° 7	27°24	18° 7	10°40	M 3
T 4	18 48 43	12°15'02	18°39	14°58	13°20	12°34	12°42	2° 8	0°22	0♌ 2	14°11	28° 3	27°21	18°13	10°42	T 4
W 5	18 52 40	13°12'14	1♎43	14°21	13°25	13°13	12°35	2° 4	0°20	0° 4	14°12	28° 1	27°18	18°20	10°45	W 5
T 6	18 56 36	14° 9'27	14°23	13°44	13°28	13°53	12°27	2° 0	0°17	0° 6	14°12	28°D 0	27°14	18°27	10°47	T 6
F 7	19 0 33	15° 6'39	26°42	13° 8	13°R28	14°32	12°19	1°56	0°15	0° 8	14°12	28°R 0	27°11	18°33	10°49	F 7
S 8	19 4 29	16° 3'51	8♏47	12°33	13°27	15°12	12°12	1°52	0°13	0°10	14°12	28° 0	27° 8	18°40	10°51	S 8
S 9	19 8 26	17° 1'03	20°42	12° 0	13°22	15°52	12° 4	1°47	0°11	0°12	14°12	27°58	27° 5	18°47	10°53	S 9
M10	19 12 22	17°58'14	2♐33	11°29	13°15	16°31	11°56	1°43	0° 8	0°15	14°12	27°54	27° 2	18°54	10°55	M10
T 11	19 16 19	18°55'26	14°22	11° 0	13° 6	17°11	11°49	1°39	0° 6	0°17	14°12	27°47	26°59	19° 0	10°57	T 11
W12	19 20 16	19°52'38	26°13	10°36	12°55	17°50	11°41	1°35	0° 4	0°19	14°13	27°37	26°55	19° 7	10°59	W12
T 13	19 24 12	20°49'50	8♑ 9	10°15	12°41	18°29	11°34	1°30	0° 1	0°21	14°13	27°26	26°52	19°14	11° 0	T 13
F 14	19 28 9	21°47'02	20°12	9°58	12°25	19° 9	11°26	1°26	29♑59	0°23	14°R13	27°12	26°49	19°20	11° 2	F 14
S 15	19 32 5	22°44'14	2♒22	9°46	12° 6	19°48	11°19	1°22	29°56	0°26	14°13	26°59	26°46	19°27	11° 4	S 15
S 16	19 36 2	23°41'26	14°41	9°39	11°45	20°27	11°11	1°17	29°54	0°28	14°13	26°46	26°43	19°34	11° 5	S 16
M17	19 39 58	24°38'39	27° 9	9°D37	11°22	21° 7	11° 4	1°13	29°52	0°30	14°13	26°36	26°39	19°40	11° 7	M17
T 18	19 43 55	25°35'52	9♓48	9°41	10°57	21°46	10°57	1° 8	29°49	0°32	14°12	26°27	26°36	19°47	11° 9	T 18
W19	19 47 51	26°33'06	22°38	9°49	10°30	22°25	10°50	1° 4	29°47	0°34	14°12	26°22	26°33	19°54	11°10	W19
T 20	19 51 48	27°30'21	5♈42	10° 4	10° 1	23° 5	10°42	1° 0	29°45	0°37	14°12	26°19	26°30	20° 0	11°11	T 20
F 21	19 55 45	28°27'36	19° 2	10°24	9°30	23°44	10°35	0°55	29°42	0°39	14°12	26°18	26°27	20° 7	11°13	F 21
S 22	19 59 41	29°24'52	2♉40	10°50	8°58	24°23	10°28	0°51	29°40	0°41	14°12	26°18	26°24	20°14	11°14	S 22
S 23	20 3 38	0♌22'08	16°37	11°21	8°24	25° 2	10°22	0°46	29°37	0°43	14°12	26°18	26°20	20°21	11°15	S 23
M24	20 7 34	1°19'26	0♊54	11°58	7°49	25°41	10°15	0°42	29°35	0°46	14°12	26°16	26°17	20°27	11°17	M24
T 25	20 11 31	2°16'45	15°30	12°41	7°14	26°20	10° 8	0°37	29°33	0°48	14°11	26°11	26°14	20°34	11°18	T 25
W26	20 15 27	3°14'04	0♋20	13°29	6°37	26°59	10° 2	0°33	29°30	0°50	14°11	26° 4	26°11	20°41	11°19	W26
T 27	20 19 24	4°11'25	15°16	14°23	6° 0	27°38	9°55	0°29	29°28	0°52	14°11	25°54	26° 8	20°47	11°20	T 27
F 28	20 23 20	5° 8'46	0♌12	15°22	5°23	28°17	9°49	0°24	29°25	0°54	14°11	25°44	26° 5	20°54	11°21	F 28
S 29	20 27 17	6° 6'07	14°56	16°26	4°46	28°56	9°43	0°20	29°23	0°57	14°10	25°33	26° 1	21° 1	11°22	S 29
S 30	20 31 14	7° 3'30	29°21	17°36	4° 8	29°35	9°36	0°15	29°21	0°59	14°10	25°23	25°58	21° 7	11°23	S 30
M31	20 35 10	8♌ 0'53	13♍22	18♋51	3♌32	0♌14	9♉31	0♒11	29♉18	1♌ 1	14♈10	25♈15	25♈55	21♐14	11♉24	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 6	23n26	4n59	18n37	3s48	16n25	0s33	23n53	0n53	22s49	0s 2	19s54	0s16	20s36	0s34	19n49	0s21	10s 1	16s56	10n53	10n35	26s50	14n10	0s52
S 2	23 2	18 52	4 39	18 29	4 0	16 11	0 44	23 50	0 53	22 50	0 2	19 55	0 17	20 37	0 34	19 48	0 21	10 2	16 56	10 50	10 34	26 51	14 11	0 53
M 3	22 57	13 23	4 2	18 21	4 12	15 57	0 56	23 47	0 53	22 51	0 2	19 56	0 17	20 37	0 35	19 48	0 21	10 2	16 57	10 48	10 33	26 52	14 11	0 53
T 4	22 52	7 26	3 13	18 15	4 22	15 44	1 8	23 44	0 54	22 52	0 2	19 57	0 17	20 38	0 35	19 47	0 21	10 2	16 57	10 47	10 31	26 53	14 12	0 53
W 5	22 47	1 22	2 15	18 10	4 31	15 31	1 20	23 40	0 54	22 53	0 2	19 58	0 17	20 38	0 35	19 47	0 21	10 2	16 57	10 46	10 30	26 55	14 12	0 53
T 6	22 41	4s34	1 12	18 7	4 38	15 18	1 32	23 37	0 55	22 53	0 2	19 59	0 17	20 39	0 35	19 46	0 21	10 3	16 58	10 46	10 29	26 56	14 13	0 53
F 7	22 35	10 11	0 7	18 4	4 44	15 5	1 45	23 33	0 55	22 54	0 3	20 0	0 17	20 39	0 35	19 46	0 21	10 3	16 58	10 46	10 28	26 57	14 13	0 53
S 8	22 28	15 19	0s57	18 3	4 48	14 54	1 58	23 29	0 55	22 55	0 3	20 1	0 17	20 40	0 35	19 46	0 21	10 3	16 58	10 46	10 27	26 58	14 14	0 53
S 9	22 21	19 48	1 57	18 4	4 51	14 42	2 12	23 25	0 56	22 56	0 3	20 2	0 17	20 40	0 35	19 45	0 21	10 3	16 59	10 45	10 26	26 59	14 14	0 53
M10	22 14	23 28	2 52	18 5	4 52	14 31	2 25	23 20	0 56	22 57	0 3	20 3	0 17	20 41	0 35	19 45	0 21	10 4	16 59	10 43	10 25	27 0	14 15	0 54
T 11	22 6	26 8	3 39	18 8	4 51	14 20	2 39	23 15	0 56	22 58	0 3	20 4	0 17	20 41	0 35	19 44	0 21	10 4	17 0	10 41	10 23	27 1	14 15	0 54
W12	21 58	27 39	4 17	18 12	4 49	14 10	2 53	23 11	0 57	22 58	0 3	20 5	0 18	20 42	0 35	19 44	0 21	10 4	17 0	10 37	10 22	27 2	14 16	0 54
T 13	21 49	27 54	4 43	18 18	4 45	14 1	3 7	23 6	0 57	22 59	0 3	20 6	0 18	20 42	0 35	19 43	0 21	10 5	17 0	10 33	10 21	27 4	14 16	0 54
F 14	21 40	26 49	4 57	18 24	4 40	13 52	3 21	23 1	0 57	23 0	0 4	20 7	0 18	20 43	0 35	19 43	0 21	10 5	17 1	10 29	10 20	27 5	14 17	0 54
S 15	21 31	24 28	4 58	18 31	4 34	13 43	3 35	22 55	0 58	23 1	0 4	20 8	0 18	20 43	0 35	19 42	0 21	10 5	17 1	10 24	10 19	27 6	14 17	0 54
S 16	21 21	20 58	4 45	18 39	4 26	13 35	3 49	22 50	0 58	23 1	0 4	20 9	0 18	20 44	0 35	19 42	0 21	10 6	17 1	10 19	10 18	27 7	14 17	0 54
M17	21 11	16 30	4 19	18 48	4 17	13 28	4 3	22 44	0 58	23 2	0 4	20 10	0 18	20 44	0 35	19 41	0 21	10 6	17 2	10 15	10 17	27 8	14 18	0 54
T 18	21 1	11 16	3 39	18 58	4 8	13 21	4 17	22 38	0 59	23 3	0 4	20 11	0 18	20 45	0 35	19 41	0 21	10 6	17 2	10 12	10 15	27 9	14 18	0 55
W19	20 50	5 29	2 48	19 8	3 57	13 15	4 31	22 32	0 59	23 4	0 4	20 13	0 18	20 45	0 35	19 41	0 21	10 7	17 2	10 10	10 14	27 10	14 18	0 55
T 20	20 39	0n38	1 47	19 19	3 45	13 10	4 44	22 26	0 59	23 4	0 4	20 14	0 18	20 46	0 35	19 40	0 21	10 7	17 3	10 9	10 13	27 11	14 19	0 55
F 21	20 28	6 51	0 38	19 29	3 33	13 5	4 58	22 19	0 59	23 5	0 5	20 15	0 18	20 46	0 35	19 40	0 21	10 8	17 3	10 9	10 12	27 12	14 19	0 55
S 22	20 16	12 55	0n34	19 40	3 20	13 1	5 11	22 13	1 0	23 6	0 5	20 16	0 18	20 47	0 35	19 39	0 21	10 8	17 4	10 9	10 11	27 13	14 19	0 55
S 23	20 4	18 29	1 45	19 51	3 6	12 57	5 23	22 6	1 0	23 6	0 5	20 17	0 19	20 47	0 35	19 39	0 21	10 8	17 4	10 9	10 10	27 14	14 20	0 55
M24	19 51	23 8	2 52	20 2	2 52	12 54	5 36	21 59	1 0	23 7	0 5	20 18	0 19	20 48	0 35	19 38	0 21	10 9	17 4	10 8	10 9	27 15	14 20	0 55
T 25	19 39	26 26	3 49	20 13	2 38	12 51	5 47	21 52	1 1	23 8	0 5	20 19	0 19	20 48	0 35	19 38	0 21	10 9	17 5	10 6	10 7	27 16	14 20	0 55
W26	19 26	27 57	4 31	20 23	2 23	12 49	5 58	21 45	1 1	23 8	0 5	20 20	0 19	20 49	0 35	19 37	0 21	10 10	17 5	10 4	10 6	27 17	14 20	0 56
T 27	19 12	27 27	4 55	20 32	2 8	12 48	6 9	21 38	1 1	23 9	0 5	20 21	0 19	20 49	0 35	19 37	0 21	10 10	17 5	10 0	10 5	27 18	14 21	0 56
F 28	18 58	24 59	5 0	20 40	1 53	12 47	6 19	21 30	1 1	23 10	0 5	20 22	0 19	20 50	0 35	19 36	0 21	10 10	17 6	9 56	10 4	27 19	14 21	0 56
S 29	18 44	20 52	4 44	20 48	1 38	12 47	6 28	21 22	1 2	23 10	0 6	20 23	0 19	20 50	0 35	19 36	0 21	10 11	17 6	9 52	10 3	27 20	14 21	0 56
S 30	18 30	15 36	4 10	20 54	1 23	12 47	6 37	21 14	1 2	23 11	0 6	20 24	0 19	20 51	0 35	19 35	0 21	10 11	17 6	9 49	10 2	27 21	14 21	0 56
M31	18n15	9n38	3n22	20n59	1s 9	12n48	6s45	21n 6	1n 2	23s11	0s 6	20s25	0s19	20s51	0s35	19n35	0s21	10s12	17s 7	9n46	10n 1	27s22	14n21	0s56

Julian Day Number = 2480580.5, Delta T = 84.51 sec
Ecliptic obliquity = 23°25'52, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°51'03, Lahiri = 24°58'04

ASTRODIENST EPHEMERIS for the year 2079
geocentric

AUGUST 2079 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 7	8♌58'16	26♍56	20♋11	2°R55	0♌53	9°R25	0°R 7	29°R16	1♌ 3	14°R 9	25°R10	25♈52	21♐21	11♉25	T 1
W 2	20 43 3	9°55'40	10♎ 2	21°36	2♌20	1°32	9♑19	0♒ 2	29♑13	1° 6	14♈ 9	25♈ 7	25°49	21°28	11°26	W 2
T 3	20 47 0	10°53'05	22°44	23° 5	1°46	2°11	9°13	29♑58	29°11	1° 8	14° 8	25°D 7	25°45	21°34	11°26	T 3
F 4	20 50 56	11°50'30	5♏ 6	24°39	1°13	2°50	9° 8	29°54	29° 9	1°10	14° 8	25° 7	25°42	21°41	11°27	F 4
S 5	20 54 53	12°47'56	17°12	26°17	0°42	3°28	9° 3	29°49	29° 6	1°12	14° 8	25°R 7	25°39	21°48	11°27	S 5
S 6	20 58 49	13°45'23	29° 8	27°59	0°12	4° 7	8°58	29°45	29° 4	1°14	14° 7	25° 6	25°36	21°54	11°28	S 6
M 7	21 2 46	14°42'50	10♐58	29°44	29♋44	4°46	8°53	29°41	29° 2	1°16	14° 7	25° 3	25°33	22° 1	11°28	M 7
T 8	21 6 43	15°40'18	22°49	1♌33	29°18	5°25	8°48	29°37	29° 0	1°19	14° 6	24°57	25°30	22° 8	11°29	T 8
W 9	21 10 39	16°37'47	4♑44	3°25	28°54	6° 3	8°43	29°33	28°57	1°21	14° 6	24°49	25°26	22°14	11°29	W 9
T 10	21 14 36	17°35'17	16°45	5°19	28°32	6°42	8°39	29°28	28°55	1°23	14° 5	24°39	25°23	22°21	11°30	T 10
F 11	21 18 32	18°32'48	28°56	7°16	28°12	7°21	8°34	29°24	28°53	1°25	14° 4	24°28	25°20	22°28	11°30	F 11
S 12	21 22 29	19°30'19	11♒18	9°14	27°55	7°59	8°30	29°20	28°51	1°27	14° 4	24°16	25°17	22°35	11°30	S 12
S 13	21 26 25	20°27'52	23°51	11°14	27°40	8°38	8°26	29°16	28°49	1°29	14° 3	24° 5	25°14	22°41	11°30	S 13
M14	21 30 22	21°25'26	6♓37	13°15	27°27	9°16	8°22	29°12	28°46	1°32	14° 3	23°56	25°11	22°48	11°30	M14
T 15	21 34 18	22°23'01	19°33	15°17	27°17	9°55	8°18	29° 8	28°44	1°34	14° 2	23°49	25° 7	22°55	11°R30	T 15
W16	21 38 15	23°20'37	2♈41	17°19	27° 9	10°34	8°15	29° 5	28°42	1°36	14° 1	23°45	25° 4	23° 1	11°30	W16
T 17	21 42 12	24°18'15	16° 0	19°22	27° 3	11°12	8°11	29° 1	28°40	1°38	14° 1	23°43	25° 1	23° 8	11°30	T 17
F 18	21 46 8	25°15'55	29°32	21°24	27° 0	11°51	8° 8	28°57	28°38	1°40	14° 0	23°D43	24°58	23°15	11°30	F 18
S 19	21 50 5	26°13'36	13♉15	23°26	27°D 0	12°29	8° 5	28°53	28°36	1°42	13°59	23°43	24°55	23°21	11°30	S 19
S 20	21 54 1	27°11'18	27°11	25°28	27° 2	13° 7	8° 2	28°50	28°34	1°44	13°59	23°R44	24°51	23°28	11°30	S 20
M21	21 57 58	28° 9'03	11♊20	27°28	27° 5	13°46	8° 0	28°46	28°32	1°46	13°58	23°43	24°48	23°35	11°29	M21
T 22	22 1 54	29° 6'49	25°40	29°28	27°12	14°24	7°57	28°43	28°30	1°48	13°57	23°40	24°45	23°42	11°29	T 22
W23	22 5 51	0♍ 4'36	10♋ 8	1♍27	27°20	15° 3	7°55	28°39	28°28	1°50	13°56	23°36	24°42	23°48	11°29	W23
T 24	22 9 47	1° 2'26	24°41	3°25	27°31	15°41	7°53	28°36	28°26	1°52	13°55	23°29	24°39	23°55	11°28	T 24
F 25	22 13 44	2° 0'17	9♌12	5°22	27°43	16°19	7°51	28°32	28°24	1°54	13°55	23°21	24°36	24° 2	11°28	F 25
S 26	22 17 41	2°58'09	23°35	7°18	27°58	16°58	7°49	28°29	28°22	1°56	13°54	23°13	24°32	24° 8	11°27	S 26
S 27	22 21 37	3°56'03	7♍43	9°12	28°15	17°36	7°48	28°26	28°20	1°58	13°53	23° 6	24°29	24°15	11°26	S 27
M28	22 25 34	4°53'59	21°31	11° 5	28°33	18°14	7°46	28°23	28°19	2° 0	13°52	23° 0	24°26	24°22	11°26	M28
T 29	22 29 30	5°51'55	4♎58	12°57	28°54	18°53	7°45	28°20	28°17	2° 2	13°51	22°56	24°23	24°28	11°25	T 29
W30	22 33 27	6°49'54	18° 1	14°47	29°16	19°31	7°44	28°17	28°15	2° 4	13°50	22°D55	24°20	24°35	11°24	W30
T 31	22 37 23	7♍47'53	0♏42	16♍36	29♋40	20♌ 9	7♑44	28♑14	28♑14	2♌ 6	13♈49	22♈55	24♈16	24♐42	11♉23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 1	3n25	2n23	21n 2	0s54	12n49	6s52	20n58	1n 3	23s12	0s 6	20s26	0s19	20s52	0s35	19n34	0s21	10s12	17s 7	9n44	9n59	27s23	14n21	0s56
W 2	17 45	2s46	1 19	21 3	0 40	12 50	6 58	20 50	1 3	23 12	0 6	20 27	0 19	20 52	0 35	19 34	0 21	10 13	17 7	9 43	9 58	27 24	14 22	0 56
T 3	17 30	8 39	0 13	21 2	0 26	12 52	7 3	20 42	1 3	23 13	0 6	20 28	0 19	20 53	0 35	19 33	0 21	10 13	17 8	9 43	9 57	27 25	14 22	0 57
F 4	17 14	14 3	0s53	20 59	0 12	12 55	7 8	20 33	1 3	23 13	0 6	20 29	0 20	20 53	0 35	19 33	0 21	10 14	17 8	9 43	9 56	27 26	14 22	0 57
S 5	16 58	18 47	1 54	20 54	0n 1	12 57	7 12	20 24	1 4	23 14	0 6	20 30	0 20	20 54	0 35	19 33	0 21	10 14	17 8	9 43	9 55	27 27	14 22	0 57
S 6	16 41	22 43	2 50	20 46	0 13	13 1	7 15	20 15	1 4	23 14	0 7	20 31	0 20	20 54	0 35	19 32	0 21	10 15	17 9	9 43	9 54	27 28	14 22	0 57
M 7	16 25	25 41	3 38	20 36	0 25	13 4	7 18	20 6	1 4	23 15	0 7	20 32	0 20	20 55	0 35	19 32	0 21	10 15	17 9	9 41	9 52	27 29	14 22	0 57
T 8	16 8	27 30	4 17	20 24	0 36	13 7	7 19	19 57	1 4	23 15	0 7	20 33	0 20	20 55	0 35	19 31	0 21	10 15	17 9	9 39	9 51	27 29	14 22	0 57
W 9	15 51	28 5	4 44	20 8	0 46	13 11	7 20	19 48	1 5	23 16	0 7	20 34	0 20	20 56	0 35	19 31	0 21	10 16	17 10	9 37	9 50	27 30	14 22	0 57
T 10	15 33	27 20	4 59	19 50	0 56	13 15	7 20	19 38	1 5	23 16	0 7	20 35	0 20	20 56	0 35	19 30	0 21	10 16	17 10	9 33	9 49	27 31	14 22	0 58
F 11	15 16	25 17	5 1	19 30	1 5	13 20	7 20	19 29	1 5	23 16	0 7	20 36	0 20	20 57	0 35	19 30	0 21	10 17	17 10	9 29	9 48	27 32	14 22	0 58
S 12	14 58	22 1	4 49	19 6	1 13	13 24	7 19	19 19	1 5	23 17	0 7	20 37	0 20	20 57	0 35	19 29	0 21	10 17	17 11	9 24	9 47	27 33	14 22	0 58
S 13	14 40	17 42	4 23	18 41	1 20	13 29	7 17	19 9	1 6	23 17	0 7	20 38	0 20	20 58	0 35	19 29	0 21	10 18	17 11	9 20	9 45	27 34	14 22	0 58
M14	14 21	12 32	3 43	18 12	1 26	13 33	7 15	18 59	1 6	23 18	0 8	20 38	0 20	20 58	0 35	19 28	0 21	10 18	17 11	9 17	9 44	27 35	14 21	0 58
T 15	14 3	6 46	2 52	17 42	1 31	13 38	7 12	18 49	1 6	23 18	0 8	20 39	0 20	20 58	0 35	19 28	0 21	10 19	17 12	9 14	9 43	27 36	14 21	0 58
W16	13 44	0 37	1 50	17 9	1 36	13 42	7 9	18 39	1 6	23 18	0 8	20 40	0 20	20 59	0 35	19 27	0 21	10 20	17 12	9 13	9 42	27 36	14 21	0 58
T 17	13 25	5n40	0 41	16 35	1 39	13 47	7 5	18 29	1 7	23 19	0 8	20 41	0 20	20 59	0 35	19 27	0 21	10 20	17 12	9 12	9 41	27 37	14 21	0 59
F 18	13 6	11 47	0n31	15 58	1 42	13 52	7 1	18 18	1 7	23 19	0 8	20 42	0 21	21 0	0 35	19 27	0 21	10 21	17 12	9 12	9 40	27 38	14 21	0 59
S 19	12 46	17 26	1 43	15 20	1 44	13 56	6 56	18 8	1 7	23 19	0 8	20 43	0 21	21 0	0 35	19 26	0 21	10 21	17 13	9 12	9 39	27 39	14 21	0 59
S 20	12 27	22 16	2 49	14 41	1 45	14 1	6 51	17 57	1 7	23 19	0 8	20 44	0 21	21 0	0 35	19 26	0 21	10 22	17 13	9 12	9 37	27 40	14 20	0 59
M21	12 7	25 52	3 47	14 0	1 46	14 5	6 46	17 46	1 7	23 20	0 8	20 44	0 21	21 1	0 35	19 25	0 21	10 22	17 13	9 12	9 36	27 40	14 20	0 59
T 22	11 47	27 52	4 30	13 18	1 46	14 10	6 41	17 35	1 8	23 20	0 8	20 45	0 21	21 1	0 35	19 25	0 21	10 23	17 13	9 11	9 35	27 41	14 20	0 59
W23	11 26	27 59	4 58	12 35	1 45	14 14	6 35	17 24	1 8	23 20	0 9	20 46	0 21	21 2	0 35	19 24	0 21	10 23	17 14	9 9	9 34	27 42	14 20	0 59
T 24	11 6	26 12	5 6	11 51	1 43	14 18	6 29	17 13	1 8	23 20	0 9	20 47	0 21	21 2	0 35	19 24	0 21	10 24	17 14	9 7	9 33	27 43	14 19	0 59
F 25	10 45	22 41	4 55	11 7	1 41	14 21	6 22	17 2	1 8	23 21	0 9	20 47	0 21	21 2	0 35	19 23	0 21	10 24	17 14	9 4	9 32	27 44	14 19	1 0
S 26	10 25	17 49	4 25	10 21	1 39	14 25	6 16	16 50	1 9	23 21	0 9	20 48	0 21	21 3	0 35	19 23	0 21	10 25	17 15	9 1	9 30	27 44	14 19	1 0
S 27	10 4	12 3	3 39	9 36	1 36	14 28	6 9	16 39	1 9	23 21	0 9	20 49	0 21	21 3	0 35	19 23	0 21	10 25	17 15	8 58	9 29	27 45	14 19	1 0
M28	9 43	5 49	2 41	8 50	1 32	14 31	6 2	16 27	1 9	23 21	0 9	20 49	0 21	21 3	0 35	19 22	0 21	10 26	17 15	8 56	9 28	27 46	14 18	1 0
T 29	9 21	0s31	1 35	8 3	1 28	14 34	5 55	16 15	1 9	23 21	0 9	20 50	0 21	21 4	0 35	19 22	0 21	10 26	17 15	8 55	9 27	27 47	14 18	1 0
W30	9 0	6 39	0 26	7 17	1 24	14 37	5 48	16 4	1 9	23 22	0 9	20 51	0 21	21 4	0 35	19 21	0 21	10 27	17 15	8 54	9 26	27 47	14 18	1 0
T 31	8n39	12s22	0s42	6n30	1n19	14n39	5s41	15n52	1n10	23s22	0s 9	20s51	0s21	21s 4	0s35	19n21	0s21	10s28	17s16	8n54	9n25	27s48	14n17	1s 0

Julian Day Number = 2480611.5, Delta T = 84.54 sec
Ecliptic obliquity = 23°25'52, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°51'08, Lahiri = 24°58'08

ASTRODIENST EPHEMERIS for the year 2079
geocentric

SEPTEMBER 2079 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 41 20	8♍45'54	13♏ 4	18♍24	0♌ 5	20♌47	7°R43	28°R11	28°R12	2♌ 8	13°R49	22♈56	24♈13	24♐49	11°R22	F 1
S 2	22 45 16	9°43'57	25°12	20°11	0°32	21°26	7♑43	28♑ 8	28♑10	2° 9	13♈48	22°58	24°10	24°55	11♉21	S 2
S 3	22 49 13	10°42'00	7♐10	21°56	1° 1	22° 4	7°42	28° 6	28° 9	2°11	13°47	22°R59	24° 7	25° 2	11°20	S 3
M 4	22 53 10	11°40'06	19° 2	23°40	1°31	22°42	7°D42	28° 3	28° 7	2°13	13°46	22°58	24° 4	25° 9	11°19	M 4
T 5	22 57 6	12°38'12	0♑54	25°23	2° 3	23°20	7°43	28° 0	28° 6	2°15	13°45	22°56	24° 1	25°15	11°18	T 5
W 6	23 1 3	13°36'20	12°51	27° 5	2°36	23°58	7°43	27°58	28° 4	2°17	13°44	22°53	23°57	25°22	11°17	W 6
T 7	23 4 59	14°34'30	24°56	28°45	3°10	24°36	7°44	27°56	28° 3	2°18	13°43	22°48	23°54	25°29	11°16	T 7
F 8	23 8 56	15°32'41	7♒14	0♐25	3°46	25°14	7°44	27°53	28° 1	2°20	13°42	22°42	23°51	25°36	11°14	F 8
S 9	23 12 52	16°30'54	19°45	2° 3	4°23	25°52	7°45	27°51	28° 0	2°22	13°41	22°36	23°48	25°42	11°13	S 9
S 10	23 16 49	17°29'08	2♓33	3°40	5° 1	26°30	7°46	27°49	27°59	2°24	13°40	22°30	23°45	25°49	11°12	S 10
M11	23 20 45	18°27'24	15°36	5°15	5°40	27° 8	7°48	27°47	27°58	2°25	13°39	22°25	23°42	25°56	11°10	M11
T 12	23 24 42	19°25'41	28°54	6°50	6°20	27°46	7°49	27°45	27°56	2°27	13°38	22°21	23°38	26° 2	11° 9	T 12
W13	23 28 39	20°24'01	12♈25	8°24	7° 2	28°24	7°51	27°43	27°55	2°29	13°37	22°19	23°35	26° 9	11° 7	W13
T 14	23 32 35	21°22'22	26° 9	9°56	7°44	29° 2	7°53	27°42	27°54	2°30	13°36	22°D19	23°32	26°16	11° 6	T 14
F 15	23 36 32	22°20'46	10♉ 1	11°27	8°28	29°40	7°55	27°40	27°53	2°32	13°35	22°20	23°29	26°22	11° 4	F 15
S 16	23 40 28	23°19'11	24° 2	12°57	9°13	0♍18	7°57	27°38	27°52	2°33	13°33	22°21	23°26	26°29	11° 2	S 16
S 17	23 44 25	24°17'39	8♊ 8	14°26	9°58	0°56	8° 0	27°37	27°51	2°35	13°32	22°22	23°22	26°36	11° 1	S 17
M18	23 48 21	25°16'09	22°18	15°54	10°45	1°34	8° 2	27°36	27°50	2°36	13°31	22°R23	23°19	26°43	10°59	M18
T 19	23 52 18	26°14'42	6♋31	17°21	11°32	2°12	8° 5	27°34	27°49	2°38	13°30	22°23	23°16	26°49	10°57	T 19
W20	23 56 14	27°13'16	20°43	18°47	12°20	2°50	8° 8	27°33	27°48	2°39	13°29	22°21	23°13	26°56	10°55	W20
T 21	0 0 11	28°11'53	4♌53	20°11	13° 9	3°28	8°11	27°32	27°47	2°41	13°28	22°19	23°10	27° 3	10°53	T 21
F 22	0 4 8	29°10'32	18°57	21°34	13°59	4° 6	8°15	27°31	27°47	2°42	13°27	22°16	23° 7	27° 9	10°51	F 22
S 23	0 8 4	0♎ 9'13	2♍51	22°56	14°49	4°43	8°18	27°30	27°46	2°44	13°26	22°12	23° 3	27°16	10°49	S 23
S 24	0 12 1	1° 7'56	16°33	24°17	15°40	5°21	8°22	27°29	27°45	2°45	13°25	22°10	23° 0	27°23	10°47	S 24
M25	0 15 57	2° 6'41	0♎ 0	25°37	16°32	5°59	8°26	27°29	27°45	2°46	13°23	22° 7	22°57	27°30	10°45	M25
T 26	0 19 54	3° 5'27	13°10	26°55	17°25	6°37	8°30	27°28	27°44	2°48	13°22	22° 6	22°54	27°36	10°43	T 26
W27	0 23 50	4° 4'16	26° 2	28°11	18°18	7°14	8°34	27°27	27°44	2°49	13°21	22°D 6	22°51	27°43	10°41	W27
T 28	0 27 47	5° 3'07	8♏37	29°27	19°12	7°52	8°38	27°27	27°43	2°50	13°20	22° 7	22°48	27°50	10°39	T 28
F 29	0 31 43	6° 2'00	20°57	0♏40	20° 6	8°30	8°43	27°27	27°43	2°51	13°19	22° 8	22°44	27°56	10°37	F 29
S 30	0 35 40	7♎ 0'54	3♐ 4	1♏53	21♌ 1	9♍ 8	8♑48	27♑27	27♑42	2♌53	13♈18	22♈ 9	22♈41	28♐ 3	10♉34	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	8n17	17s27	1s47	5n43	1n14	14n41	5s34	15n40	1n10	23s22	0s 9	20s52	0s21	21s 5	0s35	19n20	0s21	10s28	17s16	8n55	9n23	27s49	14n17	1s 1	
S 2	7 55	21 44	2 46	4 56	1 8	14 43	5 26	15 28	1 10	23 22	0 10	20 53	0 22	21 5	0 35	19 20	0 21	10 29	17 16	8 55	9 22	27 49	14 16	1 1	
S 3	7 33	25 3	3 37	4 9	1 3	14 44	5 19	15 15	1 10	23 22	0 10	20 53	0 22	21 5	0 35	19 20	0 21	10 29	17 16	8 56	9 21	27 50	14 16	1 1	
M 4	7 11	27 15	4 18	3 23	0 57	14 45	5 11	15 3	1 10	23 22	0 10	20 54	0 22	21 6	0 35	19 19	0 21	10 30	17 17	8 56	9 20	27 51	14 15	1 1	
T 5	6 49	28 13	4 48	2 36	0 50	14 46	5 4	14 51	1 10	23 22	0 10	20 54	0 22	21 6	0 35	19 19	0 21	10 30	17 17	8 55	9 19	27 51	14 15	1 1	
W 6	6 27	27 53	5 5	1 50	0 44	14 46	4 56	14 38	1 11	23 22	0 10	20 55	0 22	21 6	0 35	19 18	0 21	10 31	17 17	8 54	9 18	27 52	14 14	1 1	
T 7	6 4	26 13	5 10	1 4	0 37	14 46	4 48	14 26	1 11	23 22	0 10	20 56	0 22	21 7	0 34	19 18	0 21	10 31	17 17	8 52	9 16	27 53	14 14	1 1	
F 8	5 42	23 18	5 0	0 18	0 30	14 45	4 41	14 13	1 11	23 22	0 10	20 56	0 22	21 7	0 34	19 18	0 21	10 32	17 17	8 50	9 15	27 53	14 13	1 1	
S 9	5 19	19 15	4 36	0s27	0 23	14 44	4 33	14 0	1 11	23 23	0 10	20 57	0 22	21 7	0 34	19 17	0 21	10 32	17 18	8 47	9 14	27 54	14 13	1 2	
S 10	4 57	14 16	3 58	1 12	0 16	14 43	4 25	13 48	1 11	23 23	0 10	20 57	0 22	21 7	0 34	19 17	0 21	10 33	17 18	8 45	9 13	27 55	14 12	1 2	
M11	4 34	8 33	3 7	1 57	0 9	14 41	4 18	13 35	1 12	23 23	0 10	20 57	0 22	21 8	0 34	19 16	0 21	10 34	17 18	8 43	9 12	27 55	14 12	1 2	
T 12	4 11	2 20	2 4	2 41	0 1	14 39	4 10	13 22	1 12	23 23	0 11	20 58	0 22	21 8	0 34	19 16	0 21	10 34	17 18	8 42	9 10	27 56	14 11	1 2	
W13	3 48	4n 5	0 54	3 25	0s 6	14 36	4 2	13 9	1 12	23 23	0 11	20 58	0 22	21 8	0 34	19 16	0 21	10 35	17 18	8 41	9 9	27 57	14 11	1 2	
T 14	3 25	10 25	0n21	4 9	0 14	14 33	3 54	12 56	1 12	23 23	0 11	20 59	0 22	21 8	0 34	19 15	0 21	10 35	17 18	8 41	9 8	27 57	14 10	1 2	
F 15	3 2	16 20	1 35	4 51	0 21	14 29	3 47	12 43	1 12	23 22	0 11	20 59	0 22	21 8	0 34	19 15	0 21	10 36	17 18	8 41	9 7	27 58	14 9	1 2	
S 16	2 39	21 26	2 45	5 34	0 29	14 25	3 39	12 29	1 12	23 22	0 11	20 59	0 22	21 9	0 34	19 15	0 21	10 36	17 19	8 42	9 6	27 58	14 9	1 2	
S 17	2 16	25 21	3 45	6 16	0 37	14 21	3 31	12 16	1 12	23 22	0 11	21 0	0 22	21 9	0 34	19 14	0 21	10 37	17 19	8 42	9 5	27 59	14 8	1 3	
M18	1 53	27 44	4 32	6 57	0 45	14 16	3 24	12 3	1 13	23 22	0 11	21 0	0 22	21 9	0 34	19 14	0 21	10 37	17 19	8 43	9 3	28 0	14 7	1 3	
T 19	1 30	28 18	5 2	7 37	0 53	14 10	3 16	11 49	1 13	23 22	0 11	21 0	0 22	21 9	0 34	19 14	0 21	10 38	17 19	8 43	9 2	28 0	14 7	1 3	
W20	1 6	27 0	5 14	8 17	1 0	14 4	3 9	11 36	1 13	23 22	0 11	21 1	0 22	21 9	0 34	19 13	0 21	10 38	17 19	8 42	9 1	28 1	14 6	1 3	
T 21	0 43	23 59	5 6	8 56	1 8	13 58	3 1	11 22	1 13	23 22	0 11	21 1	0 23	21 9	0 34	19 13	0 21	10 39	17 19	8 41	9 0	28 1	14 5	1 3	
F 22	0 20	19 35	4 41	9 35	1 16	13 51	2 54	11 9	1 13	23 22	0 11	21 1	0 23	21 9	0 34	19 13	0 21	10 39	17 19	8 40	8 59	28 2	14 5	1 3	
S 23	0s 4	14 10	3 59	10 13	1 24	13 44	2 47	10 55	1 13	23 22	0 11	21 1	0 23	21 10	0 34	19 12	0 21	10 40	17 19	8 39	8 58	28 2	14 4	1 3	
S 24	0 27	8 7	3 3	10 50	1 32	13 36	2 39	10 41	1 13	23 22	0 12	21 2	0 23	21 10	0 34	19 12	0 21	10 40	17 19	8 38	8 56	28 3	14 3	1 3	
M25	0 50	1 49	1 59	11 26	1 39	13 28	2 32	10 27	1 14	23 21	0 12	21 2	0 23	21 10	0 34	19 12	0 21	10 41	17 20	8 37	8 55	28 3	14 2	1 4	
T 26	1 14	4s27	0 49	12 2	1 47	13 19	2 25	10 13	1 14	23 21	0 12	21 2	0 23	21 10	0 34	19 11	0 21	10 41	17 20	8 36	8 54	28 4	14 2	1 4	
W27	1 37	10 23	0s22	12 36	1 54	13 9	2 18	10 0	1 14	23 21	0 12	21 2	0 23	21 10	0 34	19 11	0 21	10 42	17 20	8 36	8 53	28 4	14 1	1 4	
T 28	2 0	15 48	1 30	13 10	2 1	13 0	2 11	9 46	1 14	23 21	0 12	21 2	0 23	21 10	0 34	19 11	0 21	10 42	17 20	8 36	8 52	28 5	14 0	1 4	
F 29	2 24	20 26	2 33	13 43	2 9	12 49	2 4	9 32	1 14	23 21	0 12	21 2	0 23	21 10	0 34	19 11	0 21	10 43	17 20	8 37	8 51	28 5	13 59	1 4	
S 30	2s47	24s 9	3s27	14s14	2s16	12n39	1s57	9n18	1n14	23s20	0s12	21s 2	0s23	21s10	0s34	19n10	0s21	10s43	17s20	8n37	8n49	28s 6	13n58	1s 4	

Julian Day Number = 2480642.5, Delta T = 84.58 sec
Ecliptic obliquity = 23°25'53, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°51'12, Lahiri = 24°58'12

ASTRODIENST EPHEMERIS for the year 2079
geocentric

OCTOBER 2079 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 37	7♎59'51	15♐ 2	3♏ 3	21♌57	9♍45	8♑53	27°R26	27°R42	2♌54	13°R16	22♈11	22♈38	28♐10	10°R32	S 1
M 2	0 43 33	8°58'49	26°54	4°11	22°53	10°23	8°58	27°D26	27♑42	2°55	13♈15	22°11	22°35	28°17	10♉30	M 2
T 3	0 47 30	9°57'49	8♑47	5°18	23°49	11° 1	9° 3	27♑26	27°41	2°56	13°14	22°R12	22°32	28°23	10°27	T 3
W 4	0 51 26	10°56'51	20°43	6°22	24°47	11°38	9° 9	27°27	27°41	2°57	13°13	22°12	22°28	28°30	10°25	W 4
T 5	0 55 23	11°55'54	2♒49	7°24	25°44	12°16	9°14	27°27	27°41	2°58	13°12	22°11	22°25	28°37	10°23	T 5
F 6	0 59 19	12°54'59	15° 8	8°24	26°42	12°53	9°20	27°27	27°41	2°59	13°11	22°10	22°22	28°43	10°20	F 6
S 7	1 3 16	13°54'06	27°44	9°21	27°41	13°31	9°26	27°28	27°D41	3° 0	13° 9	22° 9	22°19	28°50	10°18	S 7
S 8	1 7 12	14°53'15	10♓39	10°15	28°40	14° 9	9°32	27°28	27°41	3° 1	13° 8	22° 8	22°16	28°57	10°15	S 8
M 9	1 11 9	15°52'26	23°54	11° 6	29°40	14°46	9°38	27°29	27°41	3° 2	13° 7	22° 7	22°13	29° 4	10°12	M 9
T 10	1 15 5	16°51'38	7♈31	11°53	0♍40	15°24	9°45	27°30	27°41	3° 3	13° 6	22° 6	22° 9	29°10	10°10	T 10
W11	1 19 2	17°50'53	21°26	12°36	1°40	16° 1	9°51	27°31	27°41	3° 4	13° 5	22°D 6	22° 6	29°17	10° 7	W11
T 12	1 22 59	18°50'09	5♉36	13°16	2°41	16°39	9°58	27°32	27°42	3° 4	13° 4	22° 6	22° 3	29°24	10° 5	T 12
F 13	1 26 55	19°49'28	19°57	13°50	3°42	17°16	10° 5	27°33	27°42	3° 5	13° 2	22° 7	22° 0	29°30	10° 2	F 13
S 14	1 30 52	20°48'49	4♊24	14°20	4°44	17°54	10°12	27°34	27°42	3° 6	13° 1	22° 7	21°57	29°37	9°59	S 14
S 15	1 34 48	21°48'13	18°52	14°44	5°46	18°31	10°19	27°35	27°43	3° 7	13° 0	22°R 7	21°53	29°44	9°57	S 15
M16	1 38 45	22°47'38	3♋16	15° 2	6°48	19° 9	10°26	27°37	27°43	3° 8	12°59	22° 7	21°50	29°50	9°54	M16
T 17	1 42 41	23°47'06	17°33	15°14	7°51	19°46	10°34	27°38	27°44	3° 8	12°58	22°D 7	21°47	29°57	9°51	T 17
W18	1 46 38	24°46'37	1♌39	15°R19	8°54	20°23	10°41	27°40	27°44	3° 9	12°57	22° 7	21°44	0♑ 4	9°48	W18
T 19	1 50 35	25°46'09	15°34	15°16	9°57	21° 1	10°49	27°41	27°45	3° 9	12°56	22° 7	21°41	0°11	9°46	T 19
F 20	1 54 31	26°45'44	29°16	15° 5	11° 1	21°38	10°57	27°43	27°45	3°10	12°54	22° 7	21°38	0°17	9°43	F 20
S 21	1 58 28	27°45'21	12♍45	14°46	12° 5	22°15	11° 5	27°45	27°46	3°11	12°53	22° 8	21°34	0°24	9°40	S 21
S 22	2 2 24	28°45'01	26° 0	14°18	13° 9	22°53	11°13	27°47	27°47	3°11	12°52	22° 8	21°31	0°31	9°37	S 22
M23	2 6 21	29°44'42	9♎ 2	13°41	14°14	23°30	11°21	27°49	27°48	3°11	12°51	22° 9	21°28	0°37	9°34	M23
T 24	2 10 17	0♏44'26	21°51	12°56	15°19	24° 7	11°30	27°51	27°48	3°12	12°50	22°R 9	21°25	0°44	9°31	T 24
W25	2 14 14	1°44'12	4♏27	12° 2	16°24	24°45	11°38	27°53	27°49	3°12	12°49	22° 9	21°22	0°51	9°28	W25
T 26	2 18 10	2°43'59	16°51	11° 1	17°30	25°22	11°47	27°56	27°50	3°13	12°48	22° 8	21°19	0°58	9°26	T 26
F 27	2 22 7	3°43'49	29° 4	9°53	18°35	25°59	11°56	27°58	27°51	3°13	12°47	22° 7	21°15	1° 4	9°23	F 27
S 28	2 26 3	4°43'40	11♐ 7	8°40	19°41	26°36	12° 5	28° 1	27°52	3°13	12°46	22° 5	21°12	1°11	9°20	S 28
S 29	2 30 0	5°43'34	23° 3	7°24	20°47	27°14	12°14	28° 3	27°53	3°14	12°45	22° 3	21° 9	1°18	9°17	S 29
M30	2 33 57	6°43'29	4♑55	6° 8	21°54	27°51	12°23	28° 6	27°54	3°14	12°44	22° 1	21° 6	1°24	9°14	M30
T 31	2 37 53	7♏43'25	16♑46	4♏52	23♍ 1	28♍28	12♑32	28♑ 9	27♑56	3♌14	12♈42	21♈59	21♈ 3	1♑31	9♉11	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s10	26s46	4s12	14s45	2s22	12n27	1s50	9n 3	1n14	23s20	0s12	21s 2	0s23	21s10	0s34	19n10	0s21	10s44	17s20	8n38	8n48	28s 6	13n58	1s 4
M 2	3 34	28 10	4 46	15 15	2 29	12 16	1 43	8 49	1 14	23 20	0 12	21 3	0 23	21 10	0 34	19 10	0 21	10 44	17 20	8 38	8 47	28 7	13 57	1 4
T 3	3 57	28 16	5 8	15 43	2 35	12 4	1 36	8 35	1 15	23 20	0 12	21 3	0 23	21 10	0 34	19 10	0 21	10 45	17 20	8 38	8 46	28 7	13 56	1 5
W 4	4 20	27 3	5 16	16 11	2 41	11 51	1 30	8 21	1 15	23 19	0 12	21 3	0 23	21 10	0 34	19 9	0 21	10 45	17 20	8 38	8 45	28 8	13 55	1 5
T 5	4 43	24 34	5 11	16 37	2 47	11 38	1 23	8 7	1 15	23 19	0 12	21 3	0 23	21 10	0 34	19 9	0 21	10 46	17 20	8 38	8 43	28 8	13 54	1 5
F 6	5 6	20 56	4 51	17 1	2 53	11 25	1 16	7 52	1 15	23 19	0 13	21 3	0 23	21 10	0 34	19 9	0 21	10 46	17 20	8 38	8 42	28 8	13 53	1 5
S 7	5 29	16 17	4 18	17 25	2 58	11 11	1 10	7 38	1 15	23 18	0 13	21 2	0 23	21 10	0 34	19 9	0 21	10 46	17 20	8 37	8 41	28 9	13 52	1 5
S 8	5 52	10 49	3 30	17 47	3 3	10 56	1 4	7 24	1 15	23 18	0 13	21 2	0 23	21 10	0 34	19 8	0 21	10 47	17 20	8 37	8 40	28 9	13 51	1 5
M 9	6 15	4 43	2 30	18 7	3 7	10 41	0 58	7 9	1 15	23 18	0 13	21 2	0 23	21 10	0 34	19 8	0 21	10 47	17 20	8 37	8 39	28 10	13 51	1 5
T 10	6 37	1n45	1 20	18 25	3 11	10 26	0 51	6 55	1 15	23 17	0 13	21 2	0 23	21 10	0 34	19 8	0 21	10 48	17 20	8 36	8 38	28 10	13 50	1 5
W11	7 0	8 18	0 4	18 42	3 14	10 10	0 45	6 40	1 15	23 17	0 13	21 2	0 23	21 10	0 34	19 8	0 21	10 48	17 20	8 36	8 36	28 10	13 49	1 5
T 12	7 23	14 33	1n14	18 56	3 17	9 54	0 39	6 26	1 16	23 16	0 13	21 2	0 23	21 10	0 34	19 8	0 21	10 49	17 20	8 36	8 35	28 11	13 48	1 6
F 13	7 45	20 6	2 28	19 8	3 18	9 38	0 33	6 11	1 16	23 16	0 13	21 2	0 23	21 10	0 34	19 7	0 21	10 49	17 20	8 36	8 34	28 11	13 47	1 6
S 14	8 7	24 31	3 34	19 18	3 20	9 21	0 28	5 57	1 16	23 15	0 13	21 2	0 24	21 10	0 34	19 7	0 21	10 49	17 20	8 37	8 33	28 12	13 46	1 6
S 15	8 30	27 22	4 25	19 26	3 20	9 3	0 22	5 42	1 16	23 15	0 13	21 1	0 24	21 10	0 34	19 7	0 21	10 50	17 20	8 37	8 32	28 12	13 45	1 6
M16	8 52	28 23	5 0	19 31	3 19	8 46	0 16	5 28	1 16	23 14	0 13	21 1	0 24	21 10	0 34	19 7	0 21	10 50	17 20	8 37	8 30	28 12	13 44	1 6
T 17	9 14	27 30	5 16	19 33	3 17	8 27	0 11	5 13	1 16	23 14	0 13	21 1	0 24	21 10	0 34	19 7	0 21	10 51	17 20	8 37	8 29	28 13	13 43	1 6
W18	9 36	24 52	5 13	19 31	3 14	8 9	0 5	4 58	1 16	23 13	0 13	21 1	0 24	21 9	0 34	19 7	0 21	10 51	17 20	8 37	8 28	28 13	13 42	1 6
T 19	9 57	20 47	4 51	19 26	3 10	7 50	0 0	4 44	1 16	23 13	0 13	21 0	0 24	21 9	0 34	19 6	0 21	10 51	17 19	8 37	8 27	28 13	13 41	1 6
F 20	10 19	15 40	4 13	19 18	3 4	7 31	0n 5	4 29	1 16	23 12	0 14	21 0	0 24	21 9	0 34	19 6	0 21	10 52	17 19	8 37	8 26	28 14	13 40	1 6
S 21	10 40	9 52	3 21	19 5	2 57	7 11	0 10	4 14	1 16	23 12	0 14	21 0	0 24	21 9	0 34	19 6	0 21	10 52	17 19	8 37	8 24	28 14	13 39	1 6
S 22	11 2	3 44	2 20	18 48	2 48	6 51	0 15	4 0	1 16	23 11	0 14	20 59	0 24	21 9	0 34	19 6	0 21	10 52	17 19	8 37	8 23	28 14	13 38	1 7
M23	11 23	2s29	1 12	18 27	2 38	6 31	0 20	3 45	1 16	23 10	0 14	20 59	0 24	21 9	0 34	19 6	0 21	10 53	17 19	8 37	8 22	28 14	13 37	1 7
T 24	11 44	8 29	0 2	18 2	2 26	6 10	0 25	3 30	1 16	23 10	0 14	20 58	0 24	21 8	0 34	19 6	0 21	10 53	17 19	8 37	8 21	28 15	13 36	1 7
W25	12 4	14 4	1s 8	17 32	2 12	5 49	0 30	3 15	1 16	23 9	0 14	20 58	0 24	21 8	0 33	19 6	0 21	10 53	17 19	8 37	8 20	28 15	13 35	1 7
T 26	12 25	18 59	2 12	16 58	1 56	5 28	0 34	3 1	1 17	23 8	0 14	20 58	0 24	21 8	0 33	19 6	0 21	10 54	17 19	8 37	8 19	28 15	13 34	1 7
F 27	12 45	23 2	3 10	16 20	1 38	5 6	0 39	2 46	1 17	23 8	0 14	20 57	0 24	21 8	0 33	19 6	0 21	10 54	17 19	8 37	8 17	28 15	13 33	1 7
S 28	13 6	26 2	3 59	15 39	1 20	4 44	0 43	2 31	1 17	23 7	0 14	20 57	0 24	21 8	0 33	19 6	0 21	10 54	17 18	8 36	8 16	28 16	13 32	1 7
S 29	13 26	27 51	4 36	14 55	1 0	4 22	0 47	2 16	1 17	23 6	0 14	20 56	0 24	21 7	0 33	19 5	0 21	10 54	17 18	8 35	8 15	28 16	13 31	1 7
M30	13 45	28 22	5 2	14 11	0 39	4 0	0 51	2 2	1 17	23 5	0 14	20 56	0 24	21 7	0 33	19 5	0 21	10 55	17 18	8 34	8 14	28 16	13 30	1 7
T 31	14s 5	27s34	5s14	13s26	0s19	3n37	0n55	1n47	1n17	23s 5	0s14	20s55	0s24	21s 7	0s33	19n 5	0s21	10s55	17s18	8n34	8n13	28s16	13n29	1s 7

Julian Day Number = 2480672.5, Delta T = 84.61 sec
Ecliptic obliquity = 23°25'53, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°51'16, Lahiri = 24°58'17

ASTRODIENST EPHEMERIS for the year 2079
geocentric

NOVEMBER 2079 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 41 50	8♏43'24	28♉41	3°R41	24♍ 8	29♍ 5	12♉42	28♉12	27♉57	3♌14	12°R41	21°R58	20♈59	1♉38	9°R 8	W 1
T 2	2 45 46	9°43'24	10♒43	2♏35	25°15	29°42	12°51	28°15	27°58	3°14	12♈40	21°D58	20°56	1°45	9♉ 5	T 2
F 3	2 49 43	10°43'26	22°59	1°38	26°22	0♎19	13° 1	28°18	28° 0	3°14	12°39	21♈58	20°53	1°51	9° 2	F 3
S 4	2 53 39	11°43'29	5♓31	0°50	27°30	0°57	13°11	28°21	28° 1	3°14	12°38	21°59	20°50	1°58	8°59	S 4
S 5	2 57 36	12°43'33	18°25	0°12	28°37	1°34	13°21	28°24	28° 2	3°R15	12°37	22° 1	20°47	2° 5	8°57	S 5
M 6	3 1 32	13°43'40	1♈44	29♎47	29°45	2°11	13°31	28°28	28° 4	3°15	12°36	22° 2	20°44	2°11	8°54	M 6
T 7	3 5 29	14°43'48	15°27	29°32	0♎54	2°48	13°41	28°31	28° 5	3°14	12°35	22°R 3	20°40	2°18	8°51	T 7
W 8	3 9 26	15°43'57	29°36	29°D30	2° 2	3°25	13°51	28°35	28° 7	3°14	12°34	22° 3	20°37	2°25	8°48	W 8
T 9	3 13 22	16°44'09	14♉ 7	29°38	3°11	4° 2	14° 2	28°38	28° 9	3°14	12°34	22° 2	20°34	2°32	8°45	T 9
F 10	3 17 19	17°44'22	28°54	29°57	4°19	4°39	14°12	28°42	28°10	3°14	12°33	21°59	20°31	2°38	8°42	F 10
S 11	3 21 15	18°44'37	13♊50	0♏26	5°28	5°16	14°23	28°46	28°12	3°14	12°32	21°56	20°28	2°45	8°39	S 11
S 12	3 25 12	19°44'54	28°45	1° 3	6°38	5°53	14°33	28°50	28°14	3°14	12°31	21°52	20°25	2°52	8°36	S 12
M13	3 29 8	20°45'13	13♋33	1°49	7°47	6°30	14°44	28°54	28°15	3°14	12°30	21°48	20°21	2°59	8°33	M13
T 14	3 33 5	21°45'34	28° 5	2°41	8°56	7° 6	14°55	28°58	28°17	3°13	12°29	21°45	20°18	3° 5	8°31	T 14
W15	3 37 2	22°45'56	12♌19	3°40	10° 6	7°43	15° 6	29° 2	28°19	3°13	12°28	21°43	20°15	3°12	8°28	W15
T 16	3 40 58	23°46'21	26°11	4°44	11°16	8°20	15°17	29° 6	28°21	3°13	12°27	21°D43	20°12	3°19	8°25	T 16
F 17	3 44 55	24°46'48	9♍43	5°52	12°26	8°57	15°28	29°10	28°23	3°12	12°27	21°43	20° 9	3°25	8°22	F 17
S 18	3 48 51	25°47'16	22°56	7° 5	13°36	9°34	15°39	29°15	28°25	3°12	12°26	21°45	20° 5	3°32	8°20	S 18
S 19	3 52 48	26°47'46	5♎51	8°21	14°46	10°11	15°51	29°19	28°27	3°11	12°25	21°47	20° 2	3°39	8°17	S 19
M20	3 56 44	27°48'18	18°33	9°41	15°56	10°47	16° 2	29°23	28°29	3°11	12°24	21°R48	19°59	3°46	8°14	M20
T 21	4 0 41	28°48'52	1♏ 2	11° 2	17° 7	11°24	16°14	29°28	28°31	3°10	12°23	21°47	19°56	3°52	8°11	T 21
W22	4 4 37	29°49'27	13°21	12°26	18°18	12° 1	16°25	29°33	28°34	3°10	12°23	21°45	19°53	3°59	8° 9	W22
T 23	4 8 34	0♐50'04	25°31	13°52	19°28	12°38	16°37	29°37	28°36	3° 9	12°22	21°41	19°50	4° 6	8° 6	T 23
F 24	4 12 31	1°50'43	7♐35	15°19	20°39	13°14	16°49	29°42	28°38	3° 9	12°21	21°34	19°46	4°12	8° 3	F 24
S 25	4 16 27	2°51'23	19°33	16°47	21°50	13°51	17° 1	29°47	28°40	3° 8	12°21	21°27	19°43	4°19	8° 1	S 25
S 26	4 20 24	3°52'04	1♑26	18°16	23° 2	14°27	17°13	29°52	28°43	3° 7	12°20	21°18	19°40	4°26	7°58	S 26
M27	4 24 20	4°52'47	13°17	19°46	24°13	15° 4	17°25	29°57	28°45	3° 7	12°19	21°10	19°37	4°33	7°56	M27
T 28	4 28 17	5°53'31	25° 8	21°17	25°24	15°41	17°37	0♒ 2	28°48	3° 6	12°19	21° 2	19°34	4°39	7°53	T 28
W29	4 32 13	6°54'16	7♒ 2	22°48	26°36	16°17	17°49	0° 7	28°50	3° 5	12°18	20°56	19°31	4°46	7°51	W29
T 30	4 36 10	7♐55'01	19♒ 3	24♏20	27♎47	16♎54	18♑ 1	0♒12	28♑53	3♌ 4	12♈17	20♈52	19♈27	4♉53	7♉48	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s24	25s32	5s13	12s43	0n 2	3n14	0n59	1n32	1n17	23s 4	0s14	20s55	0s24	21s 7	0s33	19n 5	0s21	10s55	17s18	8n33	8n11	28s17	13n28	1s 7
T 2	14 43	22 20	4 59	12 2	0 22	2 51	1 3	1 18	1 17	23 3	0 14	20 54	0 24	21 6	0 33	19 5	0 21	10 55	17 18	8 33	8 10	28 17	13 27	1 8
F 3	15 2	18 7	4 31	11 24	0 41	2 28	1 7	1 3	1 17	23 2	0 14	20 54	0 24	21 6	0 33	19 5	0 21	10 56	17 18	8 33	8 9	28 17	13 26	1 8
S 4	15 21	13 2	3 49	10 51	0 58	2 4	1 10	0 48	1 17	23 1	0 15	20 53	0 24	21 6	0 33	19 5	0 21	10 56	17 17	8 34	8 8	28 17	13 25	1 8
S 5	15 39	7 15	2 55	10 23	1 14	1 41	1 14	0 33	1 17	23 0	0 15	20 52	0 24	21 5	0 33	19 5	0 21	10 56	17 17	8 34	8 7	28 17	13 24	1 8
M 6	15 57	0 59	1 50	10 1	1 28	1 17	1 17	0 19	1 17	22 59	0 15	20 52	0 24	21 5	0 33	19 5	0 21	10 56	17 17	8 35	8 5	28 18	13 23	1 8
T 7	16 15	5n32	0 36	9 44	1 41	0 53	1 21	0 4	1 17	22 58	0 15	20 51	0 24	21 5	0 33	19 5	0 21	10 56	17 17	8 35	8 4	28 18	13 22	1 8
W 8	16 33	11 59	0n41	9 33	1 51	0 28	1 24	0s11	1 17	22 57	0 15	20 50	0 24	21 4	0 33	19 5	0 21	10 57	17 17	8 35	8 3	28 18	13 21	1 8
T 9	16 50	17 57	1 58	9 28	2 0	0 4	1 27	0 25	1 17	22 56	0 15	20 50	0 25	21 4	0 33	19 5	0 21	10 57	17 16	8 35	8 2	28 18	13 20	1 8
F 10	17 7	22 58	3 9	9 28	2 7	0s21	1 30	0 40	1 17	22 55	0 15	20 49	0 25	21 4	0 33	19 5	0 21	10 57	17 16	8 34	8 1	28 18	13 19	1 8
S 11	17 24	26 32	4 7	9 33	2 12	0 45	1 33	0 55	1 17	22 54	0 15	20 48	0 25	21 3	0 33	19 5	0 21	10 57	17 16	8 32	7 59	28 18	13 18	1 8
S 12	17 40	28 13	4 48	9 43	2 16	1 10	1 35	1 9	1 17	22 53	0 15	20 47	0 25	21 3	0 33	19 5	0 21	10 57	17 16	8 31	7 58	28 18	13 17	1 8
M13	17 56	27 52	5 10	9 56	2 18	1 35	1 38	1 24	1 17	22 52	0 15	20 47	0 25	21 3	0 33	19 5	0 21	10 57	17 15	8 30	7 57	28 18	13 16	1 8
T 14	18 12	25 37	5 11	10 13	2 19	2 0	1 40	1 38	1 17	22 51	0 15	20 46	0 25	21 2	0 33	19 6	0 21	10 57	17 15	8 28	7 56	28 19	13 15	1 8
W15	18 27	21 47	4 53	10 33	2 19	2 25	1 43	1 53	1 17	22 50	0 15	20 45	0 25	21 2	0 33	19 6	0 21	10 57	17 15	8 28	7 55	28 19	13 14	1 9
T 16	18 43	16 50	4 18	10 56	2 18	2 51	1 45	2 7	1 17	22 49	0 15	20 44	0 25	21 1	0 33	19 6	0 21	10 58	17 15	8 28	7 53	28 19	13 13	1 9
F 17	18 57	11 9	3 30	11 20	2 16	3 16	1 47	2 22	1 17	22 47	0 15	20 43	0 25	21 1	0 33	19 6	0 21	10 58	17 14	8 28	7 52	28 19	13 12	1 9
S 18	19 12	5 7	2 31	11 47	2 13	3 41	1 49	2 36	1 17	22 46	0 16	20 42	0 25	21 1	0 33	19 6	0 21	10 58	17 14	8 28	7 51	28 19	13 11	1 9
S 19	19 26	1s 1	1 26	12 14	2 10	4 7	1 51	2 51	1 17	22 45	0 16	20 42	0 25	21 0	0 33	19 6	0 21	10 58	17 14	8 29	7 50	28 19	13 11	1 9
M20	19 40	7 0	0 18	12 43	2 6	4 32	1 53	3 5	1 17	22 44	0 16	20 41	0 25	21 0	0 33	19 6	0 21	10 58	17 14	8 29	7 49	28 19	13 10	1 9
T 21	19 53	12 37	0s50	13 13	2 1	4 57	1 54	3 20	1 17	22 42	0 16	20 40	0 25	20 59	0 33	19 6	0 21	10 58	17 13	8 29	7 47	28 19	13 9	1 9
W22	20 6	17 40	1 54	13 43	1 56	5 23	1 56	3 34	1 17	22 41	0 16	20 39	0 25	20 59	0 33	19 6	0 21	10 58	17 13	8 28	7 46	28 19	13 8	1 9
T 23	20 19	21 56	2 53	14 14	1 50	5 48	1 58	3 48	1 17	22 40	0 16	20 38	0 25	20 58	0 33	19 6	0 21	10 58	17 13	8 27	7 45	28 19	13 7	1 9
F 24	20 31	25 14	3 43	14 45	1 45	6 14	1 59	4 2	1 17	22 38	0 16	20 37	0 25	20 58	0 33	19 7	0 21	10 58	17 13	8 24	7 44	28 19	13 6	1 9
S 25	20 43	27 22	4 22	15 16	1 38	6 39	2 0	4 17	1 17	22 37	0 16	20 36	0 25	20 57	0 33	19 7	0 21	10 58	17 12	8 22	7 43	28 19	13 5	1 9
S 26	20 55	28 15	4 50	15 47	1 32	7 4	2 1	4 31	1 17	22 35	0 16	20 35	0 25	20 57	0 33	19 7	0 21	10 58	17 12	8 18	7 41	28 19	13 4	1 9
M27	21 6	27 49	5 5	16 18	1 26	7 29	2 2	4 45	1 17	22 34	0 16	20 34	0 25	20 56	0 33	19 7	0 21	10 58	17 12	8 15	7 40	28 19	13 3	1 9
T 28	21 17	26 8	5 7	16 48	1 19	7 55	2 3	4 59	1 17	22 32	0 16	20 33	0 25	20 56	0 33	19 7	0 21	10 58	17 11	8 12	7 39	28 19	13 3	1 9
W29	21 27	23 16	4 56	17 18	1 12	8 20	2 4	5 13	1 17	22 31	0 16	20 32	0 25	20 55	0 33	19 7	0 21	10 58	17 11	8 10	7 38	28 19	13 2	1 9
T 30	21s37	19s24	4s32	17s48	1n 5	8s44	2n 5	5s27	1n17	22s29	0s16	20s31	0s25	20s55	0s33	19n 8	0s21	10s58	17s11	8n 8	7n37	28s19	13n 1	1s 9

Julian Day Number = 2480703.5, Delta T = 84.64 sec
Ecliptic obliquity = 23°25'53, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°51'20, Lahiri = 24°58'21

ASTRODIENST EPHEMERIS for the year 2079
geocentric

DECEMBER 2079 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 40 6	8♐55'48	1♓14	25♏52	28♎59	17♎30	18♑14	0♒18	28♑55	3°R 4	12°R17	20°R49	19♈24	4♑59	7°R46	F 1
S 2	4 44 3	9°56'36	13°40	27°25	0♏11	18° 7	18°26	0°23	28°58	3♌ 3	12♈16	20°D49	19°21	5° 6	7♉44	S 2
S 3	4 48 0	10°57'25	26°27	28°57	1°23	18°43	18°38	0°28	29° 0	3° 2	12°16	20♈50	19°18	5°13	7°41	S 3
M 4	4 51 56	11°58'14	9♈38	0♐30	2°35	19°19	18°51	0°34	29° 3	3° 1	12°15	20°51	19°15	5°20	7°39	M 4
T 5	4 55 53	12°59'05	23°17	2° 3	3°47	19°56	19° 4	0°39	29° 6	3° 0	12°15	20°R52	19°11	5°26	7°37	T 5
W 6	4 59 49	13°59'56	7♉25	3°36	4°59	20°32	19°16	0°45	29° 8	2°59	12°14	20°50	19° 8	5°33	7°34	W 6
T 7	5 3 46	15° 0'48	22° 1	5°10	6°11	21° 8	19°29	0°51	29°11	2°58	12°14	20°47	19° 5	5°40	7°32	T 7
F 8	5 7 42	16° 1'42	7♊ 0	6°43	7°24	21°45	19°42	0°56	29°14	2°57	12°13	20°41	19° 2	5°46	7°30	F 8
S 9	5 11 39	17° 2'36	22°13	8°16	8°36	22°21	19°55	1° 2	29°17	2°56	12°13	20°33	18°59	5°53	7°28	S 9
S 10	5 15 35	18° 3'31	7♋31	9°49	9°48	22°57	20° 8	1° 8	29°20	2°55	12°13	20°24	18°56	6° 0	7°26	S 10
M11	5 19 32	19° 4'28	22°42	11°23	11° 1	23°33	20°20	1°14	29°22	2°54	12°12	20°15	18°52	6° 7	7°24	M11
T 12	5 23 29	20° 5'25	7♌35	12°56	12°14	24°10	20°34	1°20	29°25	2°53	12°12	20° 7	18°49	6°13	7°22	T 12
W13	5 27 25	21° 6'24	22° 5	14°30	13°26	24°46	20°47	1°26	29°28	2°51	12°12	20° 1	18°46	6°20	7°20	W13
T 14	5 31 22	22° 7'23	6♍ 7	16° 4	14°39	25°22	21° 0	1°32	29°31	2°50	12°11	19°58	18°43	6°27	7°18	T 14
F 15	5 35 18	23° 8'24	19°41	17°37	15°52	25°58	21°13	1°38	29°34	2°49	12°11	19°D57	18°40	6°34	7°16	F 15
S 16	5 39 15	24° 9'25	2♎51	19°11	17° 5	26°34	21°26	1°44	29°37	2°48	12°11	19°57	18°37	6°40	7°15	S 16
S 17	5 43 11	25°10'28	15°38	20°45	18°18	27°10	21°39	1°50	29°40	2°47	12°11	19°R57	18°33	6°47	7°13	S 17
M18	5 47 8	26°11'32	28° 8	22°19	19°31	27°46	21°53	1°56	29°43	2°45	12°10	19°57	18°30	6°54	7°11	M18
T 19	5 51 4	27°12'36	10♏24	23°53	20°44	28°22	22° 6	2° 2	29°46	2°44	12°10	19°55	18°27	7° 0	7°10	T 19
W20	5 55 1	28°13'42	22°31	25°28	21°58	28°58	22°20	2° 9	29°50	2°43	12°10	19°50	18°24	7° 7	7° 8	W20
T 21	5 58 58	29°14'48	4♐31	27° 2	23°11	29°33	22°33	2°15	29°53	2°41	12°10	19°42	18°21	7°14	7° 6	T 21
F 22	6 2 54	0♑15'55	16°27	28°37	24°24	0♏ 9	22°47	2°22	29°56	2°40	12°10	19°32	18°17	7°21	7° 5	F 22
S 23	6 6 51	1°17'03	28°20	0♑11	25°38	0°45	23° 0	2°28	29°59	2°39	12°10	19°19	18°14	7°27	7° 4	S 23
S 24	6 10 47	2°18'11	10♑12	1°46	26°51	1°21	23°14	2°34	0♒ 2	2°37	12°10	19° 5	18°11	7°34	7° 2	S 24
M25	6 14 44	3°19'19	22° 4	3°21	28° 5	1°56	23°27	2°41	0° 6	2°36	12°10	18°50	18° 8	7°41	7° 1	M25
T 26	6 18 40	4°20'28	3♒57	4°57	29°18	2°32	23°41	2°48	0° 9	2°34	12°D10	18°37	18° 5	7°47	7° 0	T 26
W27	6 22 37	5°21'37	15°54	6°33	0♐32	3° 8	23°55	2°54	0°12	2°33	12°10	18°25	18° 2	7°54	6°58	W27
T 28	6 26 34	6°22'46	27°57	8° 8	1°45	3°43	24° 8	3° 1	0°15	2°32	12°10	18°17	17°58	8° 1	6°57	T 28
F 29	6 30 30	7°23'56	10♓ 8	9°45	2°59	4°19	24°22	3° 7	0°19	2°30	12°10	18°11	17°55	8° 8	6°56	F 29
S 30	6 34 27	8°25'05	22°33	11°21	4°13	4°54	24°36	3°14	0°22	2°29	12°10	18° 8	17°52	8°14	6°55	S 30
S 31	6 38 23	9♑26'14	5♈14	12♑58	5♐26	5♏30	24♑50	3♒21	0♒25	2♌27	12♈10	18♈ 7	17♈49	8♑21	6♉54	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s47	14s41	3s55	18s17	0n58	9s 9	2n 5	5s41	1n17	22s28	0s16	20s30	0s25	20s54	0s33	19n 8	0s21	10s58	17s11	8n 8	7n35	28s19	13n 0	1s 9
S 2	21 56	9 17	3 6	18 45	0 51	9 34	2 6	5 55	1 17	22 26	0 16	20 29	0 25	20 54	0 33	19 8	0 21	10 58	17 10	8 8	7 34	28 19	12 59	1 9
S 3	22 5	3 22	2 7	19 13	0 44	9 58	2 6	6 9	1 17	22 24	0 17	20 27	0 25	20 53	0 33	19 8	0 21	10 57	17 10	8 8	7 33	28 19	12 58	1 9
M 4	22 13	2n54	1 0	19 39	0 37	10 23	2 7	6 23	1 17	22 23	0 17	20 26	0 26	20 53	0 33	19 8	0 21	10 57	17 10	8 8	7 32	28 19	12 58	1 10
T 5	22 21	9 15	0n13	20 5	0 29	10 47	2 7	6 37	1 17	22 21	0 17	20 25	0 26	20 52	0 33	19 9	0 21	10 57	17 9	8 8	7 31	28 19	12 57	1 10
W 6	22 28	15 22	1 28	20 30	0 22	11 11	2 7	6 50	1 16	22 19	0 17	20 24	0 26	20 51	0 33	19 9	0 21	10 57	17 9	8 8	7 29	28 19	12 56	1 10
T 7	22 35	20 49	2 39	20 54	0 15	11 35	2 7	7 4	1 16	22 18	0 17	20 23	0 26	20 51	0 33	19 9	0 21	10 57	17 9	8 7	7 28	28 19	12 55	1 10
F 8	22 42	25 6	3 41	21 17	0 8	11 58	2 7	7 17	1 16	22 16	0 17	20 22	0 26	20 50	0 33	19 9	0 21	10 57	17 8	8 4	7 27	28 19	12 55	1 10
S 9	22 48	27 40	4 28	21 40	0 1	12 22	2 7	7 31	1 16	22 14	0 17	20 20	0 26	20 50	0 33	19 10	0 21	10 57	17 8	8 1	7 26	28 18	12 54	1 10
S 10	22 54	28 9	4 57	22 1	0s 6	12 45	2 6	7 45	1 16	22 12	0 17	20 19	0 26	20 49	0 33	19 10	0 21	10 57	17 8	7 58	7 25	28 18	12 53	1 10
M11	22 59	26 31	5 4	22 21	0 13	13 8	2 6	7 58	1 16	22 10	0 17	20 18	0 26	20 48	0 33	19 10	0 21	10 56	17 7	7 55	7 23	28 18	12 53	1 10
T 12	23 4	23 3	4 50	22 40	0 19	13 30	2 6	8 11	1 16	22 9	0 17	20 17	0 26	20 48	0 33	19 10	0 21	10 56	17 7	7 52	7 22	28 18	12 52	1 10
W13	23 8	18 13	4 18	22 58	0 26	13 53	2 5	8 25	1 16	22 7	0 17	20 15	0 26	20 47	0 33	19 11	0 21	10 56	17 7	7 49	7 21	28 18	12 51	1 10
T 14	23 12	12 32	3 31	23 14	0 33	14 15	2 4	8 38	1 16	22 5	0 17	20 14	0 26	20 47	0 33	19 11	0 21	10 56	17 6	7 48	7 20	28 18	12 51	1 10
F 15	23 15	6 26	2 34	23 30	0 39	14 37	2 4	8 51	1 16	22 3	0 17	20 13	0 26	20 46	0 33	19 11	0 21	10 56	17 6	7 48	7 19	28 18	12 50	1 10
S 16	23 18	0 15	1 30	23 45	0 45	14 58	2 3	9 4	1 16	22 1	0 17	20 12	0 26	20 45	0 33	19 11	0 21	10 55	17 6	7 48	7 17	28 17	12 49	1 10
S 17	23 21	5s48	0 23	23 58	0 51	15 19	2 2	9 17	1 15	21 59	0 18	20 10	0 26	20 45	0 33	19 12	0 21	10 55	17 5	7 48	7 16	28 17	12 49	1 10
M18	23 23	11 29	0s43	24 10	0 57	15 40	2 1	9 30	1 15	21 57	0 18	20 9	0 26	20 44	0 33	19 12	0 21	10 55	17 5	7 48	7 15	28 17	12 48	1 10
T 19	23 24	16 37	1 46	24 20	1 3	16 0	2 0	9 43	1 15	21 55	0 18	20 7	0 26	20 43	0 33	19 12	0 21	10 55	17 4	7 47	7 14	28 17	12 48	1 10
W20	23 25	21 2	2 44	24 30	1 9	16 20	1 59	9 56	1 15	21 52	0 18	20 6	0 26	20 43	0 33	19 13	0 21	10 54	17 4	7 45	7 13	28 17	12 47	1 10
T 21	23 26	24 31	3 33	24 38	1 14	16 40	1 57	10 9	1 15	21 50	0 18	20 5	0 26	20 42	0 33	19 13	0 21	10 54	17 4	7 42	7 11	28 17	12 47	1 10
F 22	23 26	26 56	4 12	24 45	1 19	16 59	1 56	10 21	1 15	21 48	0 18	20 3	0 26	20 41	0 33	19 13	0 21	10 54	17 3	7 38	7 10	28 16	12 46	1 10
S 23	23 26	28 6	4 41	24 50	1 24	17 18	1 55	10 34	1 15	21 46	0 18	20 2	0 26	20 41	0 33	19 13	0 21	10 53	17 3	7 33	7 9	28 16	12 46	1 10
S 24	23 25	27 58	4 57	24 54	1 29	17 37	1 53	10 46	1 15	21 44	0 18	20 0	0 26	20 40	0 33	19 14	0 21	10 53	17 3	7 28	7 8	28 16	12 45	1 10
M25	23 23	26 33	5 0	24 57	1 34	17 55	1 52	10 59	1 14	21 42	0 18	19 59	0 27	20 39	0 32	19 14	0 21	10 53	17 2	7 23	7 7	28 16	12 45	1 10
T 26	23 22	23 57	4 50	24 59	1 38	18 12	1 50	11 11	1 14	21 39	0 18	19 58	0 27	20 38	0 32	19 14	0 21	10 53	17 2	7 17	7 5	28 15	12 44	1 10
W27	23 19	20 18	4 27	24 58	1 42	18 29	1 48	11 23	1 14	21 37	0 18	19 56	0 27	20 38	0 32	19 15	0 21	10 52	17 2	7 13	7 4	28 15	12 44	1 10
T 28	23 17	15 48	3 52	24 57	1 46	18 46	1 47	11 36	1 14	21 35	0 18	19 55	0 27	20 37	0 32	19 15	0 21	10 52	17 1	7 10	7 3	28 15	12 43	1 10
F 29	23 13	10 38	3 6	24 54	1 50	19 2	1 45	11 48	1 14	21 32	0 18	19 53	0 27	20 36	0 32	19 15	0 21	10 51	17 1	7 8	7 2	28 15	12 43	1 10
S 30	23 10	4 58	2 11	24 50	1 53	19 18	1 43	12 0	1 14	21 30	0 19	19 52	0 27	20 36	0 32	19 16	0 21	10 51	17 0	7 7	7 0	28 14	12 43	1 10
S 31	23s 6	1n 2	1s 8	24s44	1s56	19s33	1n41	12s12	1n13	21s28	0s19	19s50	0s27	20s35	0s32	19n16	0s21	10s51	17s 0	7n 6	6n59	28s14	12n42	1s10

Julian Day Number = 2480733.5, Delta T = 84.67 sec
Ecliptic obliquity = 23°25'52, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°51'24, Lahiri = 24°58'25