Astrodienst Ephemeris Tables

for the year 2278

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 2278
geocentric

JANUARY 2278 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 31	10♑23'44	2♈41	21♑53	23♏34	9♑38	25♎12	12♏33	1°R33	18♎21	12♒34	26♌55	28♌16	24♉54	16°R12	T 1
W 2	6 46 28	11°24'52	14°52	23°29	24°34	10°23	25°18	12°38	1♊31	18°22	12°36	26°R55	28°13	25° 0	16♉11	W 2
T 3	6 50 25	12°25'59	26°52	25° 4	25°35	11° 9	25°25	12°43	1°29	18°23	12°38	26°54	28°10	25° 7	16° 9	T 3
F 4	6 54 21	13°27'07	8♉46	26°40	26°36	11°54	25°32	12°47	1°27	18°23	12°39	26°51	28° 6	25°14	16° 8	F 4
S 5	6 58 18	14°28'14	20°37	28°15	27°38	12°40	25°39	12°52	1°26	18°24	12°41	26°45	28° 3	25°20	16° 7	S 5
S 6	7 2 14	15°29'22	2♊30	29°49	28°40	13°25	25°45	12°56	1°24	18°24	12°43	26°39	28° 0	25°27	16° 5	S 6
M 7	7 6 11	16°30'29	14°27	1♒23	29°42	14°11	25°51	13° 1	1°23	18°25	12°44	26°31	27°57	25°34	16° 4	M 7
T 8	7 10 7	17°31'37	26°33	2°57	0♐44	14°57	25°57	13° 5	1°21	18°25	12°46	26°23	27°54	25°41	16° 3	T 8
W 9	7 14 4	18°32'44	8♋47	4°29	1°47	15°42	26° 3	13°10	1°20	18°25	12°48	26°16	27°50	25°47	16° 2	W 9
T 10	7 18 0	19°33'51	21°11	6° 0	2°51	16°28	26° 9	13°14	1°18	18°26	12°50	26°10	27°47	25°54	16° 1	T 10
F 11	7 21 57	20°34'58	3♌45	7°29	3°54	17°14	26°15	13°18	1°17	18°26	12°51	26° 6	27°44	26° 1	16° 0	F 11
S 12	7 25 54	21°36'06	16°31	8°57	4°58	18° 0	26°20	13°22	1°15	18°26	12°53	26° 4	27°41	26° 8	15°59	S 12
S 13	7 29 50	22°37'13	29°28	10°22	6° 3	18°46	26°25	13°26	1°14	18°26	12°55	26°D 3	27°38	26°14	15°59	S 13
M14	7 33 47	23°38'19	12♍38	11°45	7° 7	19°32	26°31	13°30	1°13	18°27	12°57	26° 4	27°35	26°21	15°58	M14
T 15	7 37 43	24°39'26	26° 0	13° 4	8°12	20°18	26°36	13°34	1°12	18°27	12°58	26° 6	27°31	26°28	15°57	T 15
W16	7 41 40	25°40'33	9♎36	14°20	9°17	21° 4	26°40	13°38	1°10	18°27	13° 0	26° 8	27°28	26°34	15°57	W16
T 17	7 45 36	26°41'40	23°27	15°31	10°23	21°50	26°45	13°41	1° 9	18°27	13° 2	26°R 8	27°25	26°41	15°56	T 17
F 18	7 49 33	27°42'47	7♏31	16°37	11°28	22°36	26°50	13°45	1° 8	18°27	13° 4	26° 8	27°22	26°48	15°56	F 18
S 19	7 53 29	28°43'54	21°49	17°37	12°34	23°22	26°54	13°48	1° 7	18°R27	13° 6	26° 6	27°19	26°55	15°55	S 19
S 20	7 57 26	29°45'01	6♐18	18°31	13°40	24° 8	26°58	13°52	1° 6	18°27	13° 7	26° 4	27°16	27° 1	15°55	S 20
M21	8 1 23	0♒46'08	20°52	19°17	14°47	24°54	27° 2	13°55	1° 5	18°27	13° 9	26° 0	27°12	27° 8	15°54	M21
T 22	8 5 19	1°47'14	5♑27	19°54	15°53	25°41	27° 6	13°58	1° 4	18°27	13°11	25°56	27° 9	27°15	15°54	T 22
W23	8 9 16	2°48'20	19°56	20°22	17° 0	26°27	27°10	14° 2	1° 3	18°27	13°13	25°53	27° 6	27°21	15°54	W23
T 24	8 13 12	3°49'26	4♒13	20°40	18° 7	27°13	27°13	14° 5	1° 3	18°27	13°15	25°51	27° 3	27°28	15°54	T 24
F 25	8 17 9	4°50'31	18°12	20°R47	19°14	28° 0	27°16	14° 7	1° 2	18°27	13°17	25°50	27° 0	27°35	15°D54	F 25
S 26	8 21 5	5°51'35	1♓50	20°42	20°22	28°46	27°19	14°10	1° 1	18°26	13°18	25°D49	26°56	27°42	15°54	S 26
S 27	8 25 2	6°52'39	15° 5	20°26	21°29	29°32	27°22	14°13	1° 1	18°26	13°20	25°50	26°53	27°48	15°54	S 27
M28	8 28 58	7°53'41	27°58	19°58	22°37	0♒19	27°25	14°16	1° 0	18°26	13°22	25°52	26°50	27°55	15°54	M28
T 29	8 32 55	8°54'43	10♈31	19°20	23°45	1° 5	27°28	14°18	0°59	18°26	13°24	25°53	26°47	28° 2	15°55	T 29
W30	8 36 52	9°55'43	22°47	18°31	24°53	1°52	27°30	14°21	0°59	18°25	13°26	25°54	26°44	28° 9	15°55	W30
T 31	8 40 48	10♒56'43	4♉50	17♒33	26♐ 1	2♒38	27♎32	14♏23	0♊59	18♎25	13♒28	25♌55	26♌41	28♉15	15♉55	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	23s 0	1s42	3s 1	23s47	2s11	15s25	3n19	23s52	0s49	8s34	1n15	13s22	2n19	20n16	0s10	5s46	1n32	22s28	5s42	12n31	12n 3	13n58	14n13	2s33
W 2	22 55	2n19	3 50	23 31	2 11	15 40	3 19	23 49	0 49	8 37	1 15	13 24	2 19	20 16	0 10	5 46	1 32	22 28	5 42	12 31	12 5	14 0	14 13	2 33
T 3	22 49	6 10	4 28	23 13	2 10	15 54	3 20	23 45	0 49	8 39	1 15	13 25	2 19	20 16	0 10	5 47	1 32	22 27	5 42	12 32	12 6	14 1	14 12	2 33
F 4	22 43	9 45	4 54	22 54	2 9	16 8	3 20	23 42	0 50	8 41	1 16	13 26	2 19	20 15	0 10	5 47	1 32	22 27	5 42	12 33	12 7	14 3	14 12	2 33
S 5	22 37	12 56	5 7	22 33	2 7	16 21	3 20	23 38	0 50	8 43	1 16	13 27	2 19	20 15	0 10	5 47	1 32	22 26	5 42	12 35	12 8	14 4	14 12	2 33
S 6	22 30	15 36	5 7	22 11	2 4	16 35	3 19	23 34	0 51	8 45	1 16	13 29	2 20	20 15	0 10	5 47	1 32	22 26	5 42	12 37	12 9	14 6	14 11	2 33
M 7	22 23	17 38	4 54	21 47	2 1	16 49	3 19	23 30	0 51	8 47	1 16	13 30	2 20	20 14	0 10	5 47	1 32	22 25	5 42	12 39	12 10	14 7	14 11	2 33
T 8	22 15	18 54	4 28	21 22	1 57	17 2	3 19	23 25	0 52	8 49	1 16	13 31	2 20	20 14	0 10	5 47	1 32	22 25	5 42	12 42	12 11	14 9	14 11	2 32
W 9	22 7	19 18	3 49	20 56	1 53	17 15	3 18	23 20	0 52	8 51	1 17	13 32	2 20	20 14	0 10	5 47	1 32	22 24	5 42	12 45	12 12	14 10	14 11	2 32
T 10	21 59	18 48	2 58	20 29	1 48	17 28	3 17	23 15	0 52	8 53	1 17	13 33	2 20	20 14	0 10	5 47	1 32	22 24	5 42	12 47	12 13	14 12	14 10	2 32
F 11	21 50	17 22	1 59	20 1	1 42	17 41	3 16	23 10	0 53	8 55	1 17	13 34	2 21	20 13	0 10	5 47	1 32	22 23	5 42	12 48	12 14	14 13	14 10	2 32
S 12	21 40	15 2	0 52	19 31	1 35	17 53	3 15	23 4	0 53	8 57	1 17	13 35	2 21	20 13	0 10	5 47	1 32	22 23	5 42	12 49	12 16	14 15	14 10	2 32
S 13	21 30	11 56	0n19	19 1	1 28	18 6	3 14	22 58	0 54	8 58	1 18	13 36	2 21	20 13	0 10	5 48	1 32	22 22	5 42	12 49	12 17	14 16	14 10	2 32
M14	21 20	8 11	1 29	18 30	1 19	18 18	3 13	22 52	0 54	9 0	1 18	13 37	2 21	20 13	0 10	5 48	1 33	22 22	5 42	12 48	12 18	14 18	14 10	2 32
T 15	21 9	3 59	2 36	17 59	1 10	18 29	3 12	22 46	0 54	9 2	1 18	13 38	2 21	20 12	0 10	5 48	1 33	22 21	5 42	12 48	12 19	14 19	14 10	2 32
W16	20 58	0s29	3 36	17 27	0 59	18 41	3 10	22 39	0 55	9 3	1 18	13 39	2 22	20 12	0 10	5 48	1 33	22 21	5 42	12 47	12 20	14 21	14 9	2 32
T 17	20 47	5 0	4 24	16 55	0 48	18 52	3 8	22 32	0 55	9 5	1 18	13 40	2 22	20 12	0 10	5 48	1 33	22 20	5 42	12 47	12 21	14 22	14 9	2 32
F 18	20 35	9 19	4 57	16 24	0 36	19 2	3 7	22 25	0 55	9 6	1 19	13 41	2 22	20 12	0 10	5 47	1 33	22 20	5 42	12 47	12 22	14 24	14 9	2 32
S 19	20 23	13 9	5 13	15 53	0 23	19 13	3 5	22 18	0 56	9 7	1 19	13 42	2 22	20 11	0 10	5 47	1 33	22 19	5 42	12 48	12 23	14 25	14 9	2 32
S 20	20 10	16 15	5 9	15 23	0 8	19 23	3 3	22 10	0 56	9 9	1 19	13 42	2 23	20 11	0 10	5 47	1 33	22 19	5 42	12 49	12 24	14 27	14 9	2 32
M21	19 57	18 21	4 45	14 55	0n 7	19 33	3 1	22 2	0 57	9 10	1 19	13 43	2 23	20 11	0 10	5 47	1 33	22 18	5 42	12 50	12 25	14 28	14 9	2 32
T 22	19 44	19 15	4 2	14 28	0 23	19 42	2 58	21 54	0 57	9 11	1 20	13 44	2 23	20 11	0 10	5 47	1 33	22 18	5 42	12 51	12 26	14 30	14 9	2 32
W23	19 30	18 53	3 5	14 3	0 40	19 51	2 56	21 46	0 57	9 12	1 20	13 45	2 23	20 11	0 10	5 47	1 33	22 17	5 42	12 52	12 27	14 31	14 9	2 32
T 24	19 16	17 17	1 56	13 41	0 57	19 59	2 54	21 37	0 58	9 13	1 20	13 45	2 23	20 11	0 10	5 47	1 33	22 17	5 43	12 53	12 29	14 33	14 9	2 31
F 25	19 1	14 41	0 42	13 22	1 15	20 7	2 51	21 29	0 58	9 14	1 20	13 46	2 24	20 10	0 10	5 47	1 33	22 16	5 43	12 53	12 30	14 34	14 9	2 31
S 26	18 47	11 19	0s33	13 6	1 33	20 15	2 49	21 19	0 58	9 15	1 21	13 47	2 24	20 10	0 10	5 47	1 33	22 16	5 43	12 53	12 31	14 36	14 9	2 31
S 27	18 31	7 28	1 44	12 54	1 51	20 22	2 46	21 10	0 59	9 16	1 21	13 47	2 24	20 10	0 10	5 47	1 33	22 15	5 43	12 53	12 32	14 37	14 9	2 31
M28	18 16	3 23	2 48	12 46	2 9	20 29	2 43	21 1	0 59	9 17	1 21	13 48	2 24	20 10	0 10	5 47	1 33	22 15	5 43	12 53	12 33	14 39	14 10	2 31
T 29	18 0	0n45	3 42	12 41	2 26	20 35	2 40	20 51	0 59	9 17	1 21	13 48	2 25	20 10	0 10	5 46	1 33	22 14	5 43	12 52	12 34	14 40	14 10	2 31
W30	17 44	4 44	4 25	12 41	2 42	20 41	2 38	20 41	0 59	9 18	1 22	13 49	2 25	20 10	0 10	5 46	1 33	22 14	5 43	12 52	12 35	14 42	14 10	2 31
T 31	17s27	8n28	4s55	12s45	2n56	20s46	2n35	20s31	1s 0	9s18	1n22	13s49	2n25	20n10	0s10	5s46	1n33	22s13	5s43	12n52	12n36	14n43	14n10	2s31

Julian Day Number = 2553082.5, Delta T = 260.76 sec
Ecliptic obliquity = 23°24'03, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°37'33, Lahiri = 27°44'34

ASTRODIENST EPHEMERIS for the year 2278
geocentric

FEBRUARY 2278 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 44 45	11♒57'41	16♉46	16°R28	27♐10	3♒25	27♎34	14♏25	0°R58	18°R24	13♒30	25°R55	26♌37	28♉22	15♉56	F 1
S 2	8 48 41	12°58'38	28°38	15♒17	28°18	4°11	27°36	14°27	0♊58	18♎24	13°31	25♌55	26°34	28°29	15°56	S 2
S 3	8 52 38	13°59'34	10♊32	14° 3	29°27	4°58	27°38	14°29	0°58	18°24	13°33	25°53	26°31	28°35	15°57	S 3
M 4	8 56 34	15° 0'29	22°31	12°48	0♋36	5°45	27°39	14°31	0°57	18°23	13°35	25°52	26°28	28°42	15°57	M 4
T 5	9 0 31	16° 1'23	4♋40	11°34	1°45	6°31	27°40	14°33	0°57	18°23	13°37	25°50	26°25	28°49	15°58	T 5
W 6	9 4 27	17° 2'16	17° 1	10°23	2°54	7°18	27°41	14°35	0°57	18°22	13°39	25°49	26°22	28°56	15°59	W 6
T 7	9 8 24	18° 3'07	29°37	9°17	4° 3	8° 5	27°42	14°37	0°57	18°21	13°41	25°48	26°18	29° 2	16° 0	T 7
F 8	9 12 21	19° 3'58	12♌28	8°17	5°12	8°51	27°43	14°38	0°D57	18°21	13°43	25°47	26°15	29° 9	16° 0	F 8
S 9	9 16 17	20° 4'47	25°35	7°24	6°22	9°38	27°44	14°40	0°57	18°20	13°45	25°D47	26°12	29°16	16° 1	S 9
S 10	9 20 14	21° 5'35	8♍58	6°39	7°31	10°25	27°44	14°41	0°57	18°19	13°46	25°47	26° 9	29°23	16° 2	S 10
M11	9 24 10	22° 6'21	22°33	6° 3	8°41	11°12	27°R44	14°42	0°57	18°19	13°48	25°48	26° 6	29°29	16° 3	M11
T 12	9 28 7	23° 7'07	6♎21	5°34	9°51	11°59	27°44	14°43	0°57	18°18	13°50	25°48	26° 2	29°36	16° 5	T 12
W13	9 32 3	24° 7'52	20°17	5°15	11° 1	12°46	27°44	14°44	0°58	18°17	13°52	25°48	25°59	29°43	16° 6	W13
T 14	9 36 0	25° 8'36	4♏21	5° 3	12°11	13°32	27°43	14°45	0°58	18°16	13°54	25°48	25°56	29°49	16° 7	T 14
F 15	9 39 56	26° 9'19	18°30	4°D58	13°21	14°19	27°43	14°46	0°58	18°15	13°56	25°48	25°53	29°56	16° 8	F 15
S 16	9 43 53	27°10'01	2♐42	5° 2	14°31	15° 6	27°42	14°47	0°59	18°15	13°57	25°48	25°50	0♊ 3	16°10	S 16
S 17	9 47 50	28°10'42	16°54	5°12	15°42	15°53	27°41	14°47	0°59	18°14	13°59	25°48	25°47	0°10	16°11	S 17
M18	9 51 46	29°11'22	1♑ 5	5°28	16°52	16°40	27°40	14°48	1° 0	18°13	14° 1	25°49	25°43	0°16	16°13	M18
T 19	9 55 43	0♓12'00	15°10	5°50	18° 3	17°27	27°38	14°48	1° 0	18°12	14° 3	25°49	25°40	0°23	16°14	T 19
W20	9 59 39	1°12'38	29° 9	6°18	19°13	18°14	27°37	14°49	1° 1	18°11	14° 5	25°50	25°37	0°30	16°16	W20
T 21	10 3 36	2°13'14	12♒57	6°51	20°24	19° 1	27°35	14°49	1° 2	18°10	14° 6	25°50	25°34	0°36	16°17	T 21
F 22	10 7 32	3°13'49	26°33	7°29	21°35	19°48	27°33	14°R49	1° 2	18° 9	14° 8	25°R50	25°31	0°43	16°19	F 22
S 23	10 11 29	4°14'22	9♓53	8°11	22°46	20°35	27°31	14°49	1° 3	18° 8	14°10	25°50	25°28	0°50	16°21	S 23
S 24	10 15 25	5°14'54	22°57	8°56	23°57	21°22	27°28	14°49	1° 4	18° 7	14°12	25°49	25°24	0°57	16°23	S 24
M25	10 19 22	6°15'24	5♈44	9°46	25° 8	22° 9	27°26	14°48	1° 5	18° 6	14°14	25°48	25°21	1° 3	16°25	M25
T 26	10 23 19	7°15'53	18°15	10°39	26°19	22°56	27°23	14°48	1° 6	18° 4	14°15	25°46	25°18	1°10	16°26	T 26
W27	10 27 15	8°16'19	0♉32	11°35	27°30	23°44	27°20	14°48	1° 7	18° 3	14°17	25°45	25°15	1°17	16°28	W27
T 28	10 31 12	9♓16'44	12♉37	12♒33	28♑41	24♒31	27♎17	14♏47	1♊ 8	18♎ 2	14♒19	25♌43	25♌12	1♊24	16♉31	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
F 1	17s11	11n49	5s12	12s52	3n 9	20s51	2n32	20s20	1s 0	9s19	1n22	13s50	2n25	20n10	0s10	5s46	1n34	22s13	5s43	12n52	12n37	14n45	14n10	2s31
S 2	16 54	14 41	5 16	13 3	3 19	20 55	2 28	20 9	1 0	9 19	1 22	13 50	2 25	20 10	0 10	5 46	1 34	22 12	5 43	12 52	12 38	14 46	14 10	2 31
S 3	16 36	16 56	5 6	13 16	3 28	20 59	2 25	19 59	1 1	9 20	1 22	13 50	2 26	20 10	0 10	5 45	1 34	22 12	5 43	12 52	12 39	14 48	14 11	2 31
M 4	16 18	18 29	4 43	13 32	3 33	21 2	2 22	19 47	1 1	9 20	1 23	13 51	2 26	20 10	0 10	5 45	1 34	22 12	5 43	12 53	12 40	14 49	14 11	2 31
T 5	16 1	19 13	4 7	13 49	3 37	21 5	2 19	19 36	1 1	9 20	1 23	13 51	2 26	20 10	0 9	5 45	1 34	22 11	5 43	12 53	12 42	14 51	14 11	2 31
W 6	15 42	19 2	3 19	14 7	3 37	21 7	2 15	19 24	1 1	9 20	1 23	13 51	2 26	20 10	0 9	5 45	1 34	22 11	5 43	12 54	12 43	14 52	14 11	2 31
T 7	15 24	17 55	2 20	14 26	3 36	21 8	2 12	19 13	1 2	9 20	1 23	13 52	2 27	20 10	0 9	5 44	1 34	22 10	5 43	12 54	12 44	14 53	14 12	2 30
F 8	15 5	15 52	1 13	14 45	3 32	21 9	2 9	19 1	1 2	9 20	1 24	13 52	2 27	20 10	0 9	5 44	1 34	22 10	5 44	12 54	12 45	14 55	14 12	2 30
S 9	14 46	12 57	0 1	15 4	3 27	21 10	2 5	18 49	1 2	9 20	1 24	13 52	2 27	20 10	0 9	5 44	1 34	22 9	5 44	12 54	12 46	14 56	14 12	2 30
S 10	14 27	9 19	1n12	15 22	3 19	21 10	2 2	18 36	1 2	9 20	1 24	13 52	2 27	20 10	0 9	5 43	1 34	22 9	5 44	12 54	12 47	14 58	14 13	2 30
M11	14 7	5 9	2 23	15 39	3 11	21 9	1 58	18 24	1 3	9 20	1 24	13 52	2 28	20 10	0 9	5 43	1 34	22 8	5 44	12 54	12 48	14 59	14 13	2 30
T 12	13 47	0 39	3 27	15 55	3 1	21 8	1 54	18 11	1 3	9 20	1 25	13 52	2 28	20 10	0 9	5 43	1 34	22 8	5 44	12 54	12 49	15 1	14 14	2 30
W13	13 27	3s55	4 18	16 10	2 51	21 6	1 51	17 58	1 3	9 20	1 25	13 52	2 28	20 10	0 9	5 42	1 34	22 7	5 44	12 54	12 50	15 2	14 14	2 30
T 14	13 7	8 19	4 55	16 24	2 40	21 4	1 47	17 45	1 3	9 19	1 25	13 52	2 28	20 10	0 9	5 42	1 34	22 7	5 44	12 54	12 51	15 4	14 14	2 30
F 15	12 47	12 16	5 15	16 36	2 28	21 1	1 43	17 31	1 4	9 19	1 25	13 52	2 29	20 10	0 9	5 42	1 34	22 6	5 44	12 54	12 52	15 5	14 15	2 30
S 16	12 26	15 31	5 15	16 47	2 16	20 58	1 40	17 18	1 4	9 18	1 26	13 52	2 29	20 10	0 9	5 41	1 34	22 6	5 44	12 54	12 53	15 7	14 15	2 30
S 17	12 5	17 51	4 56	16 56	2 4	20 53	1 36	17 4	1 4	9 18	1 26	13 52	2 29	20 10	0 9	5 41	1 34	22 6	5 44	12 54	12 54	15 8	14 16	2 30
M18	11 44	19 5	4 19	17 4	1 51	20 49	1 32	16 50	1 4	9 17	1 26	13 52	2 29	20 10	0 9	5 41	1 34	22 5	5 45	12 54	12 56	15 9	14 16	2 30
T 19	11 23	19 7	3 27	17 11	1 39	20 44	1 28	16 36	1 4	9 16	1 26	13 52	2 29	20 11	0 9	5 40	1 34	22 5	5 45	12 54	12 57	15 11	14 17	2 30
W20	11 2	17 58	2 23	17 16	1 27	20 38	1 25	16 22	1 5	9 16	1 27	13 52	2 30	20 11	0 9	5 40	1 34	22 4	5 45	12 53	12 58	15 12	14 17	2 30
T 21	10 40	15 46	1 11	17 20	1 15	20 31	1 21	16 7	1 5	9 15	1 27	13 52	2 30	20 11	0 9	5 39	1 35	22 4	5 45	12 53	12 59	15 14	14 18	2 29
F 22	10 18	12 43	0s 4	17 22	1 3	20 24	1 17	15 53	1 5	9 14	1 27	13 52	2 30	20 11	0 9	5 39	1 35	22 3	5 45	12 53	13 0	15 15	14 18	2 29
S 23	9 56	9 2	1 17	17 22	0 51	20 17	1 13	15 38	1 5	9 13	1 27	13 51	2 30	20 11	0 9	5 38	1 35	22 3	5 45	12 53	13 1	15 17	14 19	2 29
S 24	9 34	5 0	2 25	17 21	0 40	20 9	1 9	15 23	1 5	9 12	1 27	13 51	2 31	20 11	0 9	5 38	1 35	22 3	5 45	12 54	13 2	15 18	14 19	2 29
M25	9 12	0 50	3 23	17 19	0 28	20 0	1 5	15 8	1 5	9 11	1 28	13 51	2 31	20 12	0 9	5 37	1 35	22 2	5 45	12 54	13 3	15 19	14 20	2 29
T 26	8 50	3n16	4 11	17 15	0 18	19 51	1 2	14 53	1 6	9 10	1 28	13 51	2 31	20 12	0 9	5 37	1 35	22 2	5 46	12 55	13 4	15 21	14 21	2 29
W27	8 27	7 10	4 46	17 10	0 7	19 41	0 58	14 37	1 6	9 8	1 28	13 50	2 31	20 12	0 9	5 37	1 35	22 1	5 46	12 55	13 5	15 22	14 21	2 29
T 28	8s 5	10n42	5s 8	17s 4	0s 3	19s31	0n54	14s22	1s 6	9s 7	1n28	13s50	2n32	20n12	0s 9	5s36	1n35	22s 1	5s46	12n56	13n 6	15n24	14n22	2s29

Julian Day Number = 2553113.5, Delta T = 260.89 sec
Ecliptic obliquity = 23°24'03, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°37'38, Lahiri = 27°44'38

ASTRODIENST EPHEMERIS for the year 2278
geocentric

MARCH 2278 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 35 8	10♓17'07	24♉33	13♒35	29♑52	25♒18	27°R14	14°R46	1♊ 9	18°R 1	14♒20	25°R42	25♌ 8	1♊30	16♉33	F 1
S 2	10 39 5	11°17'28	6♊26	14°39	1♒ 4	26° 5	27♎11	14♏46	1°10	18♎ 0	14°22	25°D41	25° 5	1°37	16°35	S 2
S 3	10 43 1	12°17'47	18°19	15°45	2°15	26°52	27° 7	14°45	1°11	17°58	14°24	25♌41	25° 2	1°44	16°37	S 3
M 4	10 46 58	13°18'05	0♋18	16°53	3°26	27°39	27° 3	14°44	1°13	17°57	14°26	25°42	24°59	1°50	16°39	M 4
T 5	10 50 54	14°18'20	12°27	18° 4	4°38	28°26	26°59	14°43	1°14	17°56	14°27	25°43	24°56	1°57	16°42	T 5
W 6	10 54 51	15°18'33	24°50	19°16	5°49	29°13	26°55	14°42	1°15	17°55	14°29	25°45	24°53	2° 4	16°44	W 6
T 7	10 58 48	16°18'45	7♌32	20°31	7° 1	0♓ 1	26°51	14°40	1°17	17°53	14°31	25°46	24°49	2°11	16°46	T 7
F 8	11 2 44	17°18'54	20°34	21°47	8°13	0°48	26°47	14°39	1°18	17°52	14°32	25°R47	24°46	2°17	16°49	F 8
S 9	11 6 41	18°19'01	3♍57	23° 4	9°24	1°35	26°42	14°38	1°19	17°50	14°34	25°47	24°43	2°24	16°51	S 9
S 10	11 10 37	19°19'07	17°42	24°23	10°36	2°22	26°37	14°36	1°21	17°49	14°35	25°45	24°40	2°31	16°54	S 10
M11	11 14 34	20°19'10	1♎45	25°44	11°48	3° 9	26°32	14°34	1°23	17°48	14°37	25°43	24°37	2°37	16°57	M11
T 12	11 18 30	21°19'12	16° 2	27° 6	13° 0	3°56	26°27	14°33	1°24	17°46	14°39	25°39	24°33	2°44	16°59	T 12
W13	11 22 27	22°19'12	0♏28	28°30	14°12	4°43	26°22	14°31	1°26	17°45	14°40	25°36	24°30	2°51	17° 2	W13
T 14	11 26 23	23°19'11	14°57	29°55	15°24	5°31	26°17	14°29	1°28	17°43	14°42	25°32	24°27	2°58	17° 5	T 14
F 15	11 30 20	24°19'07	29°24	1♓21	16°36	6°18	26°11	14°27	1°29	17°42	14°43	25°29	24°24	3° 4	17° 8	F 15
S 16	11 34 16	25°19'03	13♐44	2°49	17°48	7° 5	26° 6	14°25	1°31	17°40	14°45	25°27	24°21	3°11	17°10	S 16
S 17	11 38 13	26°18'56	27°54	4°18	19° 0	7°52	26° 0	14°23	1°33	17°39	14°46	25°D26	24°18	3°18	17°13	S 17
M18	11 42 10	27°18'49	11♑52	5°48	20°12	8°39	25°54	14°20	1°35	17°37	14°48	25°27	24°14	3°25	17°16	M18
T 19	11 46 6	28°18'39	25°38	7°20	21°24	9°27	25°48	14°18	1°37	17°36	14°49	25°29	24°11	3°31	17°19	T 19
W20	11 50 3	29°18'28	9♒12	8°52	22°36	10°14	25°42	14°15	1°39	17°34	14°50	25°30	24° 8	3°38	17°22	W20
T 21	11 53 59	0♈18'15	22°33	10°26	23°48	11° 1	25°36	14°13	1°41	17°33	14°52	25°R31	24° 5	3°45	17°25	T 21
F 22	11 57 56	1°18'00	5♓43	12° 2	25° 1	11°48	25°29	14°10	1°43	17°31	14°53	25°31	24° 2	3°51	17°28	F 22
S 23	12 1 52	2°17'43	18°40	13°38	26°13	12°35	25°23	14° 8	1°45	17°30	14°55	25°28	23°59	3°58	17°32	S 23
S 24	12 5 49	3°17'25	1♈26	15°16	27°25	13°22	25°16	14° 5	1°47	17°28	14°56	25°24	23°55	4° 5	17°35	S 24
M25	12 9 45	4°17'04	14° 0	16°55	28°37	14°10	25°10	14° 2	1°49	17°26	14°57	25°18	23°52	4°12	17°38	M25
T 26	12 13 42	5°16'42	26°22	18°35	29°50	14°57	25° 3	13°59	1°52	17°25	14°59	25°11	23°49	4°18	17°41	T 26
W27	12 17 39	6°16'17	8♉34	20°17	1♓ 2	15°44	24°56	13°56	1°54	17°23	15° 0	25° 3	23°46	4°25	17°45	W27
T 28	12 21 35	7°15'50	20°36	22° 0	2°15	16°31	24°49	13°53	1°56	17°22	15° 1	24°56	23°43	4°32	17°48	T 28
F 29	12 25 32	8°15'21	2♊32	23°44	3°27	17°18	24°42	13°49	1°59	17°20	15° 3	24°49	23°39	4°38	17°51	F 29
S 30	12 29 28	9°14'50	14°23	25°29	4°40	18° 5	24°35	13°46	2° 1	17°18	15° 4	24°44	23°36	4°45	17°55	S 30
S 31	12 33 25	10♈14'17	26♊15	27♓16	5♓52	18♓52	24♎27	13♏43	2♊ 3	17♎17	15♒ 5	24♌41	23♌33	4♊52	17♉58	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	7s42	13n46	5s16	16s56	0s13	19s20	0n50	14s 6	1s 6	9s 6	1n29	13s49	2n32	20n13	0s 9	5s36	1n35	22s 1	5s46	12n56	13n 7	15n25	14n22	2s29
S 2	7 19	16 15	5 11	16 47	0 23	19 8	0 46	13 50	1 6	9 4	1 29	13 49	2 32	20 13	0 9	5 35	1 35	22 0	5 46	12 56	13 8	15 26	14 23	2 29
S 3	6 56	18 3	4 52	16 36	0 32	18 56	0 43	13 34	1 6	9 3	1 29	13 49	2 32	20 13	0 9	5 35	1 35	22 0	5 46	12 56	13 9	15 28	14 24	2 29
M 4	6 33	19 4	4 20	16 24	0 41	18 44	0 39	13 18	1 6	9 1	1 29	13 48	2 32	20 13	0 9	5 34	1 35	22 0	5 46	12 56	13 10	15 29	14 25	2 29
T 5	6 10	19 13	3 37	16 10	0 49	18 30	0 35	13 2	1 6	9 0	1 29	13 48	2 33	20 14	0 9	5 33	1 35	21 59	5 46	12 56	13 12	15 31	14 25	2 29
W 6	5 47	18 28	2 42	15 56	0 57	18 17	0 31	12 46	1 6	8 58	1 30	13 47	2 33	20 14	0 9	5 33	1 35	21 59	5 47	12 55	13 13	15 32	14 26	2 29
T 7	5 24	16 46	1 39	15 40	1 5	18 3	0 28	12 29	1 7	8 56	1 30	13 46	2 33	20 14	0 9	5 32	1 35	21 59	5 47	12 55	13 14	15 34	14 27	2 29
F 8	5 0	14 10	0 29	15 22	1 13	17 48	0 24	12 13	1 7	8 55	1 30	13 46	2 33	20 14	0 9	5 32	1 35	21 58	5 47	12 54	13 15	15 35	14 27	2 29
S 9	4 37	10 44	0n45	15 4	1 20	17 33	0 20	11 56	1 7	8 53	1 30	13 45	2 34	20 15	0 9	5 31	1 35	21 58	5 47	12 54	13 16	15 36	14 28	2 29
S 10	4 13	6 40	1 58	14 44	1 26	17 17	0 17	11 39	1 7	8 51	1 30	13 45	2 34	20 15	0 9	5 31	1 35	21 58	5 47	12 55	13 17	15 38	14 29	2 29
M11	3 50	2 8	3 5	14 22	1 32	17 1	0 13	11 22	1 7	8 49	1 30	13 44	2 34	20 15	0 9	5 30	1 35	21 57	5 47	12 56	13 18	15 39	14 30	2 29
T 12	3 26	2s35	4 2	14 0	1 38	16 44	0 9	11 5	1 7	8 47	1 31	13 43	2 34	20 16	0 9	5 30	1 35	21 57	5 48	12 57	13 19	15 40	14 30	2 28
W13	3 3	7 11	4 44	13 36	1 44	16 27	0 6	10 48	1 7	8 45	1 31	13 42	2 34	20 16	0 9	5 29	1 35	21 57	5 48	12 58	13 20	15 42	14 31	2 28
T 14	2 39	11 23	5 8	13 11	1 49	16 10	0 2	10 31	1 7	8 43	1 31	13 42	2 35	20 17	0 9	5 28	1 35	21 56	5 48	12 59	13 21	15 43	14 32	2 28
F 15	2 15	14 54	5 12	12 45	1 54	15 52	0s 1	10 13	1 7	8 41	1 31	13 41	2 35	20 17	0 9	5 28	1 35	21 56	5 48	13 0	13 22	15 45	14 33	2 28
S 16	1 51	17 29	4 57	12 17	1 58	15 33	0 5	9 56	1 7	8 39	1 31	13 40	2 35	20 17	0 9	5 27	1 35	21 56	5 48	13 1	13 23	15 46	14 34	2 28
S 17	1 28	18 59	4 24	11 49	2 2	15 14	0 8	9 38	1 7	8 36	1 31	13 39	2 35	20 18	0 9	5 27	1 35	21 55	5 48	13 1	13 24	15 47	14 35	2 28
M18	1 4	19 17	3 36	11 19	2 5	14 55	0 11	9 21	1 7	8 34	1 32	13 38	2 35	20 18	0 9	5 26	1 35	21 55	5 49	13 1	13 25	15 49	14 35	2 28
T 19	0 40	18 26	2 36	10 48	2 8	14 35	0 15	9 3	1 7	8 32	1 32	13 38	2 36	20 18	0 9	5 26	1 35	21 55	5 49	13 1	13 26	15 50	14 36	2 28
W20	0 16	16 31	1 28	10 15	2 11	14 15	0 18	8 45	1 7	8 29	1 32	13 37	2 36	20 19	0 9	5 25	1 35	21 55	5 49	13 0	13 27	15 52	14 37	2 28
T 21	0n 7	13 43	0 16	9 42	2 13	13 54	0 21	8 27	1 7	8 27	1 32	13 36	2 36	20 19	0 9	5 24	1 36	21 54	5 49	13 0	13 28	15 53	14 38	2 28
F 22	0 31	10 16	0s55	9 7	2 15	13 33	0 24	8 9	1 7	8 25	1 32	13 35	2 36	20 20	0 9	5 24	1 36	21 54	5 49	13 0	13 29	15 54	14 39	2 28
S 23	0 55	6 21	2 3	8 31	2 16	13 12	0 28	7 51	1 7	8 22	1 32	13 34	2 36	20 20	0 9	5 23	1 36	21 54	5 50	13 1	13 31	15 56	14 40	2 28
S 24	1 18	2 14	3 3	7 55	2 17	12 50	0 31	7 33	1 7	8 20	1 32	13 33	2 36	20 21	0 9	5 22	1 36	21 54	5 50	13 2	13 32	15 57	14 41	2 28
M25	1 42	1n56	3 53	7 16	2 18	12 28	0 34	7 15	1 7	8 17	1 32	13 32	2 37	20 21	0 9	5 22	1 36	21 54	5 50	13 4	13 33	15 58	14 42	2 28
T 26	2 6	5 57	4 31	6 37	2 18	12 5	0 37	6 57	1 7	8 15	1 33	13 31	2 37	20 22	0 9	5 21	1 36	21 53	5 50	13 6	13 34	16 0	14 43	2 28
W27	2 29	9 39	4 56	5 57	2 17	11 42	0 40	6 39	1 7	8 12	1 33	13 30	2 37	20 22	0 9	5 21	1 36	21 53	5 50	13 9	13 35	16 1	14 43	2 28
T 28	2 53	12 55	5 8	5 16	2 17	11 19	0 42	6 20	1 7	8 9	1 33	13 29	2 37	20 22	0 9	5 20	1 36	21 53	5 51	13 12	13 36	16 2	14 44	2 28
F 29	3 16	15 38	5 6	4 33	2 15	10 56	0 45	6 2	1 6	8 7	1 33	13 28	2 37	20 23	0 9	5 19	1 36	21 53	5 51	13 14	13 37	16 4	14 45	2 28
S 30	3 40	17 40	4 51	3 50	2 13	10 32	0 48	5 43	1 6	8 4	1 33	13 26	2 37	20 23	0 9	5 19	1 36	21 53	5 51	13 15	13 38	16 5	14 46	2 28
S 31	4n 3	18n58	4s23	3s 5	2s11	10s 8	0s51	5s25	1s 6	8s 1	1n33	13s25	2n38	20n24	0s 9	5s18	1n36	21s52	5s51	13n16	13n39	16n 6	14n47	2s28

Julian Day Number = 2553141.5, Delta T = 261.01 sec
Ecliptic obliquity = 23°24'04, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°37'42, Lahiri = 27°44'42

ASTRODIENST EPHEMERIS for the year 2278
geocentric

APRIL 2278 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 37 21	11♈13'41	8♋12	29♓ 4	7♓ 5	19♓39	24°R20	13°R39	2♊ 6	17°R15	15♒ 6	24°D40	23♌30	4♊59	18♉ 2	M 1
T 2	12 41 18	12°13'03	20°18	0♈53	8°17	20°26	24♎13	13♏36	2° 8	17♎13	15° 7	24♌40	23°27	5° 5	18° 5	T 2
W 3	12 45 14	13°12'23	2♌39	2°44	9°30	21°13	24° 5	13°32	2°11	17°12	15° 8	24°41	23°24	5°12	18° 9	W 3
T 4	12 49 11	14°11'40	15°19	4°36	10°42	22° 0	23°58	13°29	2°13	17°10	15°10	24°42	23°20	5°19	18°12	T 4
F 5	12 53 8	15°10'55	28°23	6°29	11°55	22°47	23°50	13°25	2°16	17° 9	15°11	24°R43	23°17	5°25	18°16	F 5
S 6	12 57 4	16°10'08	11♍53	8°24	13° 7	23°34	23°43	13°21	2°19	17° 7	15°12	24°41	23°14	5°32	18°19	S 6
S 7	13 1 1	17° 9'18	25°50	10°20	14°20	24°21	23°35	13°18	2°21	17° 5	15°13	24°38	23°11	5°39	18°23	S 7
M 8	13 4 57	18° 8'27	10♎11	12°18	15°33	25° 8	23°28	13°14	2°24	17° 4	15°14	24°32	23° 8	5°46	18°27	M 8
T 9	13 8 54	19° 7'33	24°52	14°16	16°45	25°55	23°20	13°10	2°27	17° 2	15°15	24°24	23° 4	5°52	18°30	T 9
W10	13 12 50	20° 6'38	9♏46	16°16	17°58	26°42	23°12	13° 6	2°30	17° 0	15°16	24°15	23° 1	5°59	18°34	W10
T 11	13 16 47	21° 5'40	24°42	18°17	19°11	27°29	23° 5	13° 2	2°32	16°59	15°17	24° 7	22°58	6° 6	18°38	T 11
F 12	13 20 43	22° 4'41	9♐33	20°20	20°23	28°16	22°57	12°58	2°35	16°57	15°18	24° 0	22°55	6°13	18°42	F 12
S 13	13 24 40	23° 3'40	24°11	22°23	21°36	29° 3	22°49	12°54	2°38	16°55	15°19	23°54	22°52	6°19	18°46	S 13
S 14	13 28 36	24° 2'37	8♑31	24°27	22°49	29°49	22°41	12°49	2°41	16°54	15°20	23°51	22°49	6°26	18°49	S 14
M15	13 32 33	25° 1'33	22°31	26°32	24° 2	0♈36	22°34	12°45	2°44	16°52	15°20	23°D50	22°45	6°33	18°53	M15
T 16	13 36 30	26° 0'27	6♒11	28°38	25°14	1°23	22°26	12°41	2°47	16°50	15°21	23°50	22°42	6°39	18°57	T 16
W17	13 40 26	26°59'19	19°32	0♉44	26°27	2°10	22°18	12°37	2°50	16°49	15°22	23°R51	22°39	6°46	19° 1	W17
T 18	13 44 23	27°58'09	2♓36	2°50	27°40	2°56	22°11	12°32	2°53	16°47	15°23	23°50	22°36	6°53	19° 5	T 18
F 19	13 48 19	28°56'58	15°26	4°56	28°53	3°43	22° 3	12°28	2°56	16°46	15°24	23°48	22°33	7° 0	19° 9	F 19
S 20	13 52 16	29°55'45	28° 4	7° 2	0♈ 6	4°30	21°55	12°24	2°59	16°44	15°24	23°44	22°30	7° 6	19°13	S 20
S 21	13 56 12	0♉54'30	10♈32	9° 7	1°18	5°17	21°48	12°19	3° 2	16°42	15°25	23°36	22°26	7°13	19°17	S 21
M22	14 0 9	1°53'13	22°50	11°11	2°31	6° 3	21°40	12°15	3° 5	16°41	15°26	23°26	22°23	7°20	19°21	M22
T 23	14 4 5	2°51'54	5♉ 1	13°14	3°44	6°50	21°33	12°10	3° 8	16°39	15°26	23°14	22°20	7°26	19°25	T 23
W24	14 8 2	3°50'33	17° 5	15°16	4°57	7°36	21°25	12° 6	3°11	16°38	15°27	23° 1	22°17	7°33	19°29	W24
T 25	14 11 59	4°49'11	29° 2	17°15	6°10	8°23	21°18	12° 2	3°14	16°36	15°28	22°48	22°14	7°40	19°33	T 25
F 26	14 15 55	5°47'46	10♊55	19°12	7°23	9° 9	21°11	11°57	3°18	16°35	15°28	22°36	22°10	7°47	19°37	F 26
S 27	14 19 52	6°46'20	22°45	21° 7	8°36	9°56	21° 4	11°52	3°21	16°33	15°29	22°27	22° 7	7°53	19°41	S 27
S 28	14 23 48	7°44'51	4♋36	22°58	9°49	10°42	20°56	11°48	3°24	16°32	15°29	22°19	22° 4	8° 0	19°45	S 28
M29	14 27 45	8°43'20	16°31	24°47	11° 2	11°29	20°49	11°43	3°27	16°30	15°30	22°15	22° 1	8° 7	19°49	M29
T 30	14 31 41	9♉41'47	28♋35	26♉32	12♈14	12♈15	20♎42	11♏39	3♊31	16♎29	15♒30	22♌13	21♌58	8♊13	19♉53	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
M 1	4n26	19n25	3s44	2s20	2s 8	9s43	0s53	5s 6	1s 6	7s59	1n33	13s24	2n38	20n24	0s 9	5s17	1n36	21s52	5s51	13n17	13n40	16n 8	14n48	2s28
T 2	4 49	18 59	2 55	1 33	2 5	9 19	0 56	4 48	1 6	7 56	1 33	13 23	2 38	20 25	0 9	5 17	1 36	21 52	5 52	13 17	13 41	16 9	14 49	2 28
W 3	5 12	17 39	1 56	0 46	2 1	8 54	0 58	4 29	1 6	7 53	1 33	13 22	2 38	20 25	0 9	5 16	1 36	21 52	5 52	13 16	13 42	16 10	14 50	2 28
T 4	5 35	15 25	0 50	0n 2	1 57	8 29	1 1	4 11	1 6	7 50	1 33	13 21	2 38	20 26	0 9	5 15	1 36	21 52	5 52	13 16	13 43	16 12	14 51	2 28
F 5	5 58	12 20	0n20	0 52	1 52	8 3	1 3	3 52	1 6	7 47	1 33	13 19	2 38	20 27	0 9	5 15	1 36	21 52	5 52	13 16	13 44	16 13	14 52	2 28
S 6	6 21	8 30	1 31	1 42	1 47	7 38	1 5	3 33	1 6	7 45	1 33	13 18	2 38	20 27	0 9	5 14	1 36	21 52	5 52	13 16	13 45	16 15	14 53	2 28
S 7	6 44	4 5	2 39	2 33	1 41	7 12	1 7	3 14	1 5	7 42	1 33	13 17	2 38	20 28	0 9	5 14	1 36	21 51	5 53	13 18	13 46	16 16	14 54	2 28
M 8	7 6	0s40	3 39	3 24	1 34	6 46	1 10	2 56	1 5	7 39	1 33	13 16	2 39	20 28	0 8	5 13	1 36	21 51	5 53	13 19	13 47	16 17	14 55	2 28
T 9	7 29	5 29	4 26	4 16	1 27	6 19	1 12	2 37	1 5	7 36	1 33	13 14	2 39	20 29	0 8	5 12	1 36	21 51	5 53	13 22	13 48	16 18	14 56	2 28
W10	7 51	10 2	4 55	5 9	1 20	5 53	1 14	2 18	1 5	7 33	1 33	13 13	2 39	20 29	0 8	5 12	1 36	21 51	5 53	13 25	13 49	16 20	14 57	2 28
T 11	8 13	13 59	5 5	6 3	1 12	5 26	1 16	1 59	1 5	7 31	1 33	13 12	2 39	20 30	0 8	5 11	1 36	21 51	5 54	13 28	13 50	16 21	14 58	2 28
F 12	8 35	17 0	4 54	6 57	1 4	4 59	1 17	1 41	1 5	7 28	1 33	13 11	2 39	20 30	0 8	5 10	1 36	21 51	5 54	13 30	13 51	16 22	14 59	2 28
S 13	8 57	18 53	4 24	7 51	0 55	4 32	1 19	1 22	1 4	7 25	1 33	13 9	2 39	20 31	0 8	5 10	1 36	21 51	5 54	13 32	13 52	16 24	15 0	2 28
S 14	9 19	19 31	3 38	8 45	0 46	4 5	1 21	1 3	1 4	7 22	1 33	13 8	2 39	20 32	0 8	5 9	1 36	21 51	5 54	13 33	13 53	16 25	15 1	2 28
M15	9 40	18 54	2 39	9 39	0 36	3 38	1 22	0 44	1 4	7 19	1 33	13 7	2 39	20 32	0 8	5 9	1 36	21 51	5 54	13 33	13 54	16 26	15 2	2 28
T 16	10 2	17 12	1 33	10 33	0 27	3 11	1 24	0 26	1 4	7 16	1 33	13 5	2 39	20 33	0 8	5 8	1 36	21 51	5 55	13 33	13 56	16 28	15 3	2 28
W17	10 23	14 34	0 23	11 27	0 16	2 43	1 26	0 7	1 3	7 14	1 33	13 4	2 39	20 33	0 8	5 7	1 36	21 51	5 55	13 33	13 57	16 29	15 4	2 28
T 18	10 44	11 15	0s46	12 21	0 6	2 15	1 27	0n12	1 3	7 11	1 33	13 3	2 39	20 34	0 8	5 7	1 36	21 51	5 55	13 33	13 58	16 30	15 5	2 28
F 19	11 5	7 28	1 52	13 14	0n 5	1 48	1 28	0 31	1 3	7 8	1 33	13 1	2 39	20 34	0 8	5 6	1 36	21 51	5 55	13 34	13 59	16 32	15 6	2 28
S 20	11 26	3 23	2 51	14 5	0 16	1 20	1 30	0 49	1 3	7 5	1 33	13 0	2 40	20 35	0 8	5 5	1 36	21 51	5 56	13 35	14 0	16 33	15 7	2 28
S 21	11 46	0n46	3 41	14 56	0 27	0 52	1 31	1 8	1 3	7 3	1 33	12 59	2 40	20 36	0 8	5 5	1 36	21 51	5 56	13 38	14 1	16 34	15 8	2 28
M22	12 7	4 50	4 20	15 46	0 38	0 24	1 32	1 27	1 2	7 0	1 33	12 57	2 40	20 36	0 8	5 4	1 36	21 51	5 56	13 41	14 2	16 36	15 9	2 28
T 23	12 27	8 40	4 46	16 34	0 49	0n 4	1 33	1 45	1 2	6 57	1 33	12 56	2 40	20 37	0 8	5 4	1 36	21 51	5 56	13 45	14 3	16 37	15 10	2 28
W24	12 47	12 7	5 0	17 20	1 0	0 32	1 34	2 4	1 2	6 54	1 33	12 54	2 40	20 38	0 8	5 3	1 36	21 51	5 56	13 49	14 4	16 38	15 11	2 28
T 25	13 6	15 2	4 59	18 5	1 10	1 0	1 35	2 23	1 1	6 52	1 33	12 53	2 40	20 38	0 8	5 3	1 36	21 51	5 57	13 54	14 5	16 39	15 12	2 28
F 26	13 26	17 19	4 46	18 47	1 20	1 28	1 35	2 41	1 1	6 49	1 33	12 52	2 40	20 39	0 8	5 2	1 36	21 51	5 57	13 57	14 6	16 41	15 14	2 28
S 27	13 45	18 52	4 21	19 27	1 30	1 56	1 36	3 0	1 1	6 47	1 32	12 50	2 40	20 39	0 8	5 1	1 36	21 51	5 57	14 1	14 7	16 42	15 15	2 29
S 28	14 4	19 36	3 44	20 5	1 40	2 24	1 37	3 18	1 1	6 44	1 32	12 49	2 40	20 40	0 8	5 1	1 36	21 51	5 57	14 3	14 8	16 43	15 16	2 29
M29	14 23	19 27	2 57	20 41	1 48	2 52	1 37	3 37	1 0	6 41	1 32	12 48	2 40	20 41	0 8	5 0	1 36	21 51	5 58	14 4	14 9	16 45	15 17	2 29
T 30	14n42	18n25	2s 2	21n14	1n57	3n20	1s38	3n55	1s 0	6s39	1n32	12s46	2n40	20n41	0s 8	5s 0	1n36	21s51	5s58	14n 5	14n10	16n46	15n18	2s29

Julian Day Number = 2553172.5, Delta T = 261.14 sec
Ecliptic obliquity = 23°24'04, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°37'46, Lahiri = 27°44'46

ASTRODIENST EPHEMERIS for the year 2278
geocentric

MAY 2278 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 35 38	10♉40'12	10♌53	28♉13	13♈27	13♈ 1	20°R35	11°R34	3♊34	16°R27	15♒31	22°D13	21♌55	8♊20	19♉57	W 1
T 2	14 39 34	11°38'35	23°29	29°51	14°40	13°48	20♎29	11♏30	3°37	16♎26	15°31	22°R13	21°51	8°27	20° 1	T 2
F 3	14 43 31	12°36'56	6♍29	1♊25	15°53	14°34	20°22	11°25	3°40	16°24	15°31	22♌12	21°48	8°34	20° 6	F 3
S 4	14 47 28	13°35'14	19°56	2°55	17° 6	15°20	20°15	11°21	3°44	16°23	15°32	22°10	21°45	8°40	20°10	S 4
S 5	14 51 24	14°33'31	3♎53	4°21	18°19	16° 6	20° 9	11°16	3°47	16°21	15°32	22° 5	21°42	8°47	20°14	S 5
M 6	14 55 21	15°31'45	18°19	5°42	19°32	16°53	20° 2	11°12	3°50	16°20	15°32	21°58	21°39	8°54	20°18	M 6
T 7	14 59 17	16°29'58	3♏10	6°59	20°45	17°39	19°56	11° 7	3°54	16°19	15°33	21°48	21°36	9° 0	20°22	T 7
W 8	15 3 14	17°28'09	18°19	8°12	21°58	18°25	19°50	11° 3	3°57	16°17	15°33	21°38	21°32	9° 7	20°26	W 8
T 9	15 7 10	18°26'18	3♐34	9°20	23°11	19°11	19°44	10°58	4° 1	16°16	15°33	21°27	21°29	9°14	20°30	T 9
F 10	15 11 7	19°24'26	18°45	10°23	24°24	19°57	19°38	10°54	4° 4	16°14	15°33	21°17	21°26	9°21	20°35	F 10
S 11	15 15 3	20°22'32	3♑42	11°22	25°37	20°43	19°32	10°49	4° 7	16°13	15°34	21° 9	21°23	9°27	20°39	S 11
S 12	15 19 0	21°20'37	18°18	12°16	26°50	21°29	19°26	10°45	4°11	16°12	15°34	21° 5	21°20	9°34	20°43	S 12
M13	15 22 57	22°18'40	2♒28	13° 5	28° 3	22°14	19°21	10°40	4°14	16°11	15°34	21° 2	21°16	9°41	20°47	M13
T 14	15 26 53	23°16'42	16°13	13°50	29°16	23° 0	19°16	10°36	4°18	16° 9	15°34	21° 2	21°13	9°47	20°51	T 14
W15	15 30 50	24°14'43	29°32	14°29	0♉29	23°46	19°10	10°31	4°21	16° 8	15°34	21° 2	21°10	9°54	20°55	W15
T 16	15 34 46	25°12'42	12♓31	15° 4	1°42	24°32	19° 5	10°27	4°25	16° 7	15°34	21° 1	21° 7	10° 1	20°59	T 16
F 17	15 38 43	26°10'40	25°11	15°33	2°55	25°18	19° 0	10°23	4°28	16° 6	15°R34	20°58	21° 4	10° 8	21° 4	F 17
S 18	15 42 39	27° 8'37	7♈38	15°58	4° 8	26° 3	18°55	10°19	4°32	16° 5	15°34	20°53	21° 1	10°14	21° 8	S 18
S 19	15 46 36	28° 6'32	19°53	16°18	5°21	26°49	18°51	10°14	4°35	16° 3	15°34	20°46	20°57	10°21	21°12	S 19
M20	15 50 32	29° 4'26	2♉ 0	16°32	6°34	27°35	18°46	10°10	4°39	16° 2	15°34	20°35	20°54	10°28	21°16	M20
T 21	15 54 29	0♊ 2'19	14° 1	16°42	7°47	28°20	18°42	10° 6	4°42	16° 1	15°34	20°22	20°51	10°34	21°20	T 21
W22	15 58 26	1° 0'11	25°57	16°R46	9° 0	29° 6	18°38	10° 2	4°46	16° 0	15°34	20° 9	20°48	10°41	21°24	W22
T 23	16 2 22	1°58'01	7♊50	16°46	10°13	29°51	18°34	9°58	4°49	15°59	15°33	19°55	20°45	10°48	21°28	T 23
F 24	16 6 19	2°55'49	19°41	16°41	11°26	0♉36	18°30	9°54	4°53	15°58	15°33	19°42	20°41	10°55	21°32	F 24
S 25	16 10 15	3°53'36	1♋32	16°32	12°39	1°22	18°26	9°50	4°56	15°57	15°33	19°32	20°38	11° 1	21°37	S 25
S 26	16 14 12	4°51'22	13°25	16°18	13°53	2° 7	18°23	9°46	5° 0	15°56	15°33	19°24	20°35	11° 8	21°41	S 26
M27	16 18 8	5°49'06	25°22	16° 1	15° 6	2°52	18°19	9°42	5° 3	15°55	15°33	19°19	20°32	11°15	21°45	M27
T 28	16 22 5	6°46'49	7♌27	15°39	16°19	3°37	18°16	9°38	5° 7	15°54	15°32	19°17	20°29	11°21	21°49	T 28
W29	16 26 1	7°44'30	19°45	15°15	17°32	4°23	18°13	9°35	5°10	15°53	15°32	19°D16	20°26	11°28	21°53	W29
T 30	16 29 58	8°42'10	2♍20	14°47	18°45	5° 8	18°10	9°31	5°14	15°53	15°32	19°R17	20°22	11°35	21°57	T 30
F 31	16 33 55	9♊39'48	15♍16	14♊17	19♉58	5♉53	18♎ 7	9♏27	5♊17	15♎52	15♒31	19♌17	20♌19	11♊42	22♉ 1	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	15n 0	16n31	1s 0	21n45	2n 4	3n48	1s38	4n13	1s 0	6s36	1n32	12s45	2n40	20n42	0s 8	4s59	1n36	21s51	5s58	14n 5	14n11	16n47	15n19	2s29
T 2	15 18	13 47	0n 7	22 13	2 11	4 15	1 39	4 31	0 59	6 34	1 32	12 43	2 40	20 43	0 8	4 59	1 36	21 51	5 58	14 5	14 12	16 48	15 20	2 29
F 3	15 36	10 17	1 15	22 39	2 17	4 43	1 39	4 50	0 59	6 32	1 32	12 42	2 40	20 43	0 8	4 58	1 36	21 52	5 59	14 5	14 13	16 50	15 21	2 29
S 4	15 54	6 8	2 21	23 2	2 22	5 11	1 39	5 8	0 59	6 29	1 32	12 41	2 40	20 44	0 8	4 58	1 36	21 52	5 59	14 6	14 14	16 51	15 22	2 29
S 5	16 11	1 32	3 21	23 23	2 27	5 38	1 39	5 26	0 58	6 27	1 31	12 39	2 40	20 44	0 8	4 57	1 36	21 52	5 59	14 8	14 15	16 52	15 23	2 29
M 6	16 28	3s18	4 11	23 41	2 30	6 6	1 39	5 44	0 58	6 25	1 31	12 38	2 40	20 45	0 8	4 56	1 36	21 52	5 59	14 10	14 16	16 53	15 24	2 29
T 7	16 45	8 5	4 45	23 57	2 33	6 33	1 39	6 2	0 57	6 23	1 31	12 37	2 40	20 46	0 8	4 56	1 36	21 52	6 0	14 13	14 17	16 55	15 25	2 29
W 8	17 1	12 27	5 0	24 11	2 35	7 1	1 39	6 20	0 57	6 20	1 31	12 35	2 39	20 46	0 8	4 55	1 35	21 52	6 0	14 16	14 18	16 56	15 26	2 29
T 9	17 17	16 1	4 54	24 22	2 35	7 28	1 39	6 37	0 57	6 18	1 31	12 34	2 39	20 47	0 8	4 55	1 35	21 52	6 0	14 20	14 19	16 57	15 27	2 29
F 10	17 33	18 30	4 27	24 32	2 35	7 55	1 39	6 55	0 56	6 16	1 31	12 33	2 39	20 48	0 8	4 54	1 35	21 53	6 0	14 23	14 20	16 58	15 28	2 29
S 11	17 49	19 39	3 42	24 39	2 34	8 22	1 38	7 13	0 56	6 14	1 30	12 31	2 39	20 48	0 8	4 54	1 35	21 53	6 1	14 25	14 21	17 0	15 29	2 29
S 12	18 4	19 27	2 44	24 44	2 32	8 48	1 38	7 30	0 56	6 12	1 30	12 30	2 39	20 49	0 8	4 54	1 35	21 53	6 1	14 27	14 22	17 1	15 30	2 29
M13	18 19	18 1	1 36	24 47	2 28	9 15	1 37	7 48	0 55	6 10	1 30	12 29	2 39	20 50	0 8	4 53	1 35	21 53	6 1	14 28	14 23	17 2	15 31	2 30
T 14	18 34	15 33	0 25	24 48	2 24	9 41	1 37	8 5	0 55	6 8	1 30	12 28	2 39	20 50	0 8	4 53	1 35	21 53	6 1	14 28	14 24	17 3	15 32	2 30
W15	18 48	12 19	0s45	24 47	2 18	10 7	1 36	8 22	0 54	6 7	1 30	12 26	2 39	20 51	0 8	4 52	1 35	21 54	6 2	14 28	14 25	17 5	15 33	2 30
T 16	19 2	8 34	1 51	24 45	2 12	10 33	1 36	8 39	0 54	6 5	1 30	12 25	2 39	20 52	0 8	4 52	1 35	21 54	6 2	14 28	14 26	17 6	15 34	2 30
F 17	19 16	4 31	2 50	24 40	2 4	10 59	1 35	8 56	0 53	6 3	1 29	12 24	2 39	20 52	0 8	4 51	1 35	21 54	6 2	14 29	14 27	17 7	15 35	2 30
S 18	19 29	0 21	3 40	24 34	1 55	11 24	1 34	9 13	0 53	6 2	1 29	12 23	2 39	20 53	0 8	4 51	1 35	21 54	6 2	14 31	14 28	17 8	15 36	2 30
S 19	19 42	3n46	4 18	24 27	1 46	11 49	1 33	9 30	0 52	6 0	1 29	12 21	2 39	20 53	0 8	4 50	1 35	21 54	6 3	14 33	14 29	17 10	15 37	2 30
M20	19 55	7 41	4 45	24 18	1 35	12 14	1 32	9 47	0 52	5 58	1 29	12 20	2 38	20 54	0 8	4 50	1 35	21 55	6 3	14 36	14 30	17 11	15 38	2 30
T 21	20 8	11 16	4 58	24 7	1 23	12 39	1 31	10 4	0 52	5 57	1 28	12 19	2 38	20 55	0 8	4 50	1 35	21 55	6 3	14 40	14 31	17 12	15 39	2 30
W22	20 20	14 22	4 58	23 55	1 10	13 3	1 30	10 20	0 51	5 56	1 28	12 18	2 38	20 55	0 8	4 49	1 35	21 55	6 3	14 45	14 32	17 13	15 40	2 30
T 23	20 31	16 53	4 46	23 41	0 57	13 27	1 29	10 37	0 51	5 54	1 28	12 17	2 38	20 56	0 8	4 49	1 35	21 55	6 3	14 49	14 33	17 14	15 41	2 31
F 24	20 43	18 40	4 21	23 26	0 42	13 51	1 28	10 53	0 50	5 53	1 28	12 16	2 38	20 57	0 8	4 49	1 35	21 56	6 4	14 53	14 34	17 16	15 42	2 31
S 25	20 54	19 39	3 44	23 10	0 27	14 14	1 27	11 9	0 50	5 52	1 28	12 14	2 38	20 57	0 8	4 48	1 35	21 56	6 4	14 56	14 35	17 17	15 43	2 31
S 26	21 4	19 47	2 58	22 52	0 11	14 37	1 25	11 25	0 49	5 51	1 27	12 13	2 38	20 58	0 8	4 48	1 35	21 56	6 4	14 59	14 36	17 18	15 44	2 31
M27	21 15	19 1	2 3	22 34	0s 6	15 0	1 24	11 41	0 49	5 50	1 27	12 12	2 37	20 59	0 8	4 48	1 35	21 57	6 4	15 0	14 37	17 19	15 44	2 31
T 28	21 24	17 22	1 2	22 15	0 23	15 22	1 23	11 57	0 48	5 49	1 27	12 11	2 37	20 59	0 8	4 47	1 35	21 57	6 5	15 1	14 38	17 20	15 45	2 31
W29	21 34	14 55	0n 3	21 55	0 40	15 44	1 21	12 13	0 48	5 48	1 27	12 10	2 37	21 0	0 8	4 47	1 35	21 57	6 5	15 1	14 39	17 22	15 46	2 31
T 30	21 43	11 42	1 9	21 34	0 58	16 6	1 20	12 28	0 47	5 47	1 26	12 9	2 37	21 0	0 8	4 47	1 35	21 58	6 5	15 1	14 40	17 23	15 47	2 31
F 31	21n52	7n51	2n14	21n14	1s16	16n27	1s18	12n44	0s47	5s46	1n26	12s 8	2n37	21n 1	0s 8	4s46	1n35	21s58	6s 5	15n 1	14n41	17n24	15n48	2s31

Julian Day Number = 2553202.5, Delta T = 261.27 sec
Ecliptic obliquity = 23°24'04, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°37'50, Lahiri = 27°44'50

ASTRODIENST EPHEMERIS for the year 2278
geocentric

JUNE 2278 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 51	10♊37'24	28♍37	13°R46	21♉11	6♉38	18°R 5	9°R24	5♊21	15°R51	15°R31	19°R15	20♌16	11♊48	22♉ 5	S 1
S 2	16 41 48	11°34'59	12♎28	13♊13	22°24	7°23	18♎ 3	9♏20	5°24	15♎50	15♒30	19♌12	20°13	11°55	22° 9	S 2
M 3	16 45 44	12°32'33	26°47	12°39	23°37	8° 8	18° 0	9°17	5°28	15°49	15°30	19° 6	20°10	12° 2	22°13	M 3
T 4	16 49 41	13°30'05	11♏33	12° 5	24°51	8°52	17°58	9°13	5°31	15°49	15°29	18°59	20° 7	12° 8	22°17	T 4
W 5	16 53 37	14°27'36	26°40	11°32	26° 4	9°37	17°57	9°10	5°35	15°48	15°29	18°50	20° 3	12°15	22°21	W 5
T 6	16 57 34	15°25'06	11♐58	11° 0	27°17	10°22	17°55	9° 7	5°38	15°47	15°28	18°40	20° 0	12°22	22°25	T 6
F 7	17 1 30	16°22'35	27°16	10°29	28°30	11° 7	17°54	9° 4	5°42	15°47	15°28	18°32	19°57	12°29	22°29	F 7
S 8	17 5 27	17°20'03	12♑23	10° 0	29°43	11°51	17°52	9° 1	5°45	15°46	15°27	18°26	19°54	12°35	22°32	S 8
S 9	17 9 24	18°17'30	27°10	9°34	0♊56	12°36	17°51	8°58	5°48	15°46	15°27	18°22	19°51	12°42	22°36	S 9
M10	17 13 20	19°14'57	11♒32	9°11	2°10	13°20	17°50	8°55	5°52	15°45	15°26	18°20	19°47	12°49	22°40	M10
T 11	17 17 17	20°12'22	25°25	8°51	3°23	14° 5	17°50	8°52	5°55	15°44	15°26	18°D20	19°44	12°55	22°44	T 11
W12	17 21 13	21° 9'47	8♓51	8°35	4°36	14°49	17°49	8°49	5°59	15°44	15°25	18°21	19°41	13° 2	22°48	W12
T 13	17 25 10	22° 7'12	21°53	8°23	5°49	15°33	17°49	8°46	6° 2	15°44	15°24	18°R21	19°38	13° 9	22°52	T 13
F 14	17 29 6	23° 4'36	4♈32	8°15	7° 2	16°18	17°D49	8°44	6° 5	15°43	15°23	18°21	19°35	13°16	22°55	F 14
S 15	17 33 3	24° 1'59	16°55	8°D12	8°16	17° 2	17°49	8°41	6° 9	15°43	15°23	18°18	19°32	13°22	22°59	S 15
S 16	17 36 59	24°59'22	29° 5	8°13	9°29	17°46	17°49	8°39	6°12	15°42	15°22	18°13	19°28	13°29	23° 3	S 16
M17	17 40 56	25°56'44	11♉ 6	8°18	10°42	18°30	17°49	8°36	6°16	15°42	15°21	18° 6	19°25	13°36	23° 6	M17
T 18	17 44 53	26°54'06	23° 2	8°28	11°55	19°14	17°50	8°34	6°19	15°42	15°20	17°58	19°22	13°42	23°10	T 18
W19	17 48 49	27°51'27	4♊54	8°42	13° 9	19°58	17°50	8°32	6°22	15°41	15°20	17°48	19°19	13°49	23°14	W19
T 20	17 52 46	28°48'47	16°45	9° 1	14°22	20°42	17°51	8°30	6°26	15°41	15°19	17°39	19°16	13°56	23°17	T 20
F 21	17 56 42	29°46'08	28°36	9°25	15°35	21°26	17°52	8°28	6°29	15°41	15°18	17°31	19°13	14° 3	23°21	F 21
S 22	18 0 39	0♋43'27	10♋31	9°53	16°49	22°10	17°54	8°26	6°32	15°41	15°17	17°24	19° 9	14° 9	23°24	S 22
S 23	18 4 35	1°40'46	22°29	10°25	18° 2	22°54	17°55	8°24	6°35	15°41	15°16	17°19	19° 6	14°16	23°28	S 23
M24	18 8 32	2°38'04	4♌34	11° 2	19°15	23°37	17°57	8°22	6°39	15°41	15°15	17°16	19° 3	14°23	23°31	M24
T 25	18 12 28	3°35'22	16°47	11°43	20°29	24°21	17°59	8°21	6°42	15°41	15°14	17°D15	19° 0	14°29	23°35	T 25
W26	18 16 25	4°32'39	29°12	12°28	21°42	25° 5	18° 0	8°19	6°45	15°41	15°13	17°15	18°57	14°36	23°38	W26
T 27	18 20 22	5°29'55	11♍52	13°17	22°55	25°48	18° 3	8°18	6°48	15°D40	15°12	17°17	18°53	14°43	23°42	T 27
F 28	18 24 18	6°27'11	24°50	14°11	24° 9	26°31	18° 5	8°16	6°51	15°41	15°11	17°18	18°50	14°50	23°45	F 28
S 29	18 28 15	7°24'25	8♎ 9	15° 8	25°22	27°15	18° 7	8°15	6°55	15°41	15°10	17°R19	18°47	14°56	23°48	S 29
S 30	18 32 11	8♋21'40	21♎53	16♊10	26♊36	27♉58	18♎10	8♏14	6♊58	15♎41	15♒ 9	17♌18	18♌44	15♊ 3	23♉51	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	22n 0	3n30	3n13	20n53	1s33	16n48	1s17	12n59	0s46	5s45	1n26	12s 7	2n37	21n 2	0s 8	4s46	1n35	21s58	6s 6	15n 1	14n42	17n25	15n49	2s32
S 2	22 8	1s10	4 4	20 31	1 50	17 8	1 15	13 14	0 46	5 45	1 26	12 6	2 37	21 2	0 8	4 46	1 35	21 59	6 6	15 2	14 43	17 26	15 50	2 32
M 3	22 16	5 56	4 41	20 11	2 7	17 28	1 13	13 29	0 45	5 44	1 25	12 5	2 36	21 3	0 8	4 46	1 35	21 59	6 6	15 4	14 44	17 28	15 51	2 32
T 4	22 23	10 30	5 1	19 50	2 23	17 48	1 11	13 44	0 44	5 44	1 25	12 5	2 36	21 4	0 8	4 45	1 35	21 59	6 6	15 7	14 45	17 29	15 52	2 32
W 5	22 30	14 30	5 0	19 31	2 39	18 7	1 10	13 59	0 44	5 43	1 25	12 4	2 36	21 4	0 8	4 45	1 35	22 0	6 6	15 9	14 46	17 30	15 52	2 32
T 6	22 36	17 35	4 39	19 12	2 53	18 25	1 8	14 13	0 43	5 43	1 25	12 3	2 36	21 5	0 8	4 45	1 35	22 0	6 7	15 12	14 47	17 31	15 53	2 32
F 7	22 42	19 25	3 57	18 54	3 7	18 43	1 6	14 28	0 43	5 43	1 24	12 2	2 36	21 5	0 8	4 45	1 35	22 0	6 7	15 15	14 48	17 32	15 54	2 32
S 8	22 48	19 51	3 0	18 38	3 19	19 1	1 4	14 42	0 42	5 42	1 24	12 1	2 35	21 6	0 8	4 45	1 34	22 1	6 7	15 17	14 49	17 34	15 55	2 33
S 9	22 53	18 53	1 51	18 23	3 30	19 18	1 2	14 56	0 42	5 42	1 24	12 1	2 35	21 7	0 8	4 44	1 34	22 1	6 7	15 18	14 50	17 35	15 56	2 33
M10	22 58	16 43	0 36	18 9	3 41	19 35	1 0	15 10	0 41	5 42	1 24	12 0	2 35	21 7	0 8	4 44	1 34	22 2	6 8	15 19	14 51	17 36	15 57	2 33
T 11	23 2	13 37	0s38	17 58	3 49	19 51	0 58	15 24	0 40	5 42	1 23	11 59	2 35	21 8	0 8	4 44	1 34	22 2	6 8	15 19	14 52	17 37	15 57	2 33
W12	23 6	9 54	1 48	17 48	3 57	20 7	0 56	15 37	0 40	5 42	1 23	11 58	2 35	21 9	0 8	4 44	1 34	22 2	6 8	15 18	14 53	17 38	15 58	2 33
T 13	23 10	5 49	2 50	17 40	4 3	20 22	0 54	15 51	0 39	5 42	1 23	11 58	2 34	21 9	0 8	4 44	1 34	22 3	6 8	15 18	14 54	17 39	15 59	2 33
F 14	23 13	1 35	3 42	17 34	4 8	20 36	0 52	16 4	0 39	5 42	1 23	11 57	2 34	21 10	0 8	4 44	1 34	22 3	6 8	15 18	14 55	17 41	16 0	2 33
S 15	23 16	2n36	4 22	17 30	4 12	20 50	0 49	16 17	0 38	5 43	1 22	11 57	2 34	21 10	0 8	4 44	1 34	22 4	6 9	15 19	14 56	17 42	16 1	2 34
S 16	23 18	6 37	4 49	17 27	4 14	21 4	0 47	16 30	0 37	5 43	1 22	11 56	2 34	21 11	0 8	4 43	1 34	22 4	6 9	15 21	14 57	17 43	16 1	2 34
M17	23 20	10 19	5 4	17 27	4 16	21 16	0 45	16 43	0 37	5 43	1 22	11 55	2 33	21 11	0 8	4 43	1 34	22 5	6 9	15 23	14 58	17 44	16 2	2 34
T 18	23 22	13 35	5 5	17 28	4 16	21 29	0 43	16 56	0 36	5 44	1 21	11 55	2 33	21 12	0 8	4 43	1 34	22 5	6 9	15 25	14 59	17 45	16 3	2 34
W19	23 23	16 17	4 53	17 31	4 15	21 40	0 40	17 8	0 35	5 44	1 21	11 54	2 33	21 13	0 8	4 43	1 34	22 5	6 10	15 28	15 0	17 46	16 4	2 34
T 20	23 24	18 18	4 28	17 36	4 13	21 51	0 38	17 20	0 35	5 45	1 21	11 54	2 33	21 13	0 8	4 43	1 34	22 6	6 10	15 31	15 1	17 47	16 4	2 34
F 21	23 24	19 32	3 52	17 43	4 9	22 2	0 36	17 32	0 34	5 45	1 21	11 54	2 33	21 14	0 8	4 43	1 34	22 6	6 10	15 34	15 2	17 49	16 5	2 35
S 22	23 24	19 55	3 5	17 51	4 5	22 12	0 33	17 44	0 34	5 46	1 20	11 53	2 32	21 14	0 8	4 43	1 34	22 7	6 10	15 36	15 3	17 50	16 6	2 35
S 23	23 23	19 24	2 10	18 0	4 1	22 21	0 31	17 56	0 33	5 47	1 20	11 53	2 32	21 15	0 8	4 43	1 34	22 7	6 10	15 37	15 4	17 51	16 6	2 35
M24	23 22	17 59	1 8	18 11	3 55	22 29	0 29	18 8	0 32	5 48	1 20	11 53	2 32	21 15	0 8	4 43	1 34	22 8	6 11	15 38	15 5	17 52	16 7	2 35
T 25	23 21	15 44	0 2	18 23	3 48	22 37	0 26	18 19	0 32	5 49	1 20	11 52	2 32	21 16	0 8	4 43	1 34	22 8	6 11	15 38	15 6	17 53	16 8	2 35
W26	23 19	12 44	1n 4	18 36	3 41	22 45	0 24	18 30	0 31	5 50	1 19	11 52	2 31	21 17	0 8	4 43	1 34	22 9	6 11	15 38	15 7	17 54	16 8	2 36
T 27	23 17	9 6	2 10	18 50	3 33	22 51	0 21	18 41	0 30	5 51	1 19	11 52	2 31	21 17	0 8	4 43	1 34	22 9	6 11	15 38	15 8	17 55	16 9	2 36
F 28	23 15	4 57	3 10	19 5	3 24	22 57	0 19	18 52	0 30	5 52	1 19	11 52	2 31	21 18	0 8	4 43	1 34	22 10	6 11	15 37	15 9	17 56	16 10	2 36
S 29	23 12	0 28	4 1	19 21	3 15	23 3	0 17	19 3	0 29	5 53	1 19	11 51	2 31	21 18	0 8	4 43	1 34	22 10	6 11	15 37	15 10	17 58	16 10	2 36
S 30	23n 8	4s10	4n41	19n37	3s 5	23n 7	0s14	19n13	0s28	5s54	1n18	11s51	2n30	21n19	0s 8	4s43	1n33	22s11	6s12	15n38	15n11	17n59	16n11	2s36

Julian Day Number = 2553233.5, Delta T = 261.40 sec
Ecliptic obliquity = 23°24'04, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°37'54, Lahiri = 27°44'55

ASTRODIENST EPHEMERIS for the year 2278
geocentric

JULY 2278 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 36 8	9♋18'53	6♏ 1	17♊15	27♊49	28♉41	18♎13	8°R13	7♊ 1	15♎41	15°R 8	17°R15	18♌41	15♊10	23♉55	M 1
T 2	18 40 4	10°16'06	20°34	18°24	29° 2	29°24	18°16	8♏12	7° 4	15°41	15♒ 7	17♌12	18°38	15°16	23°58	T 2
W 3	18 44 1	11°13'19	5♐26	19°37	0♋16	0♊ 8	18°19	8°11	7° 7	15°41	15° 6	17° 7	18°34	15°23	24° 1	W 3
T 4	18 47 57	12°10'31	20°30	20°54	1°29	0°51	18°22	8°10	7°10	15°41	15° 5	17° 2	18°31	15°30	24° 4	T 4
F 5	18 51 54	13° 7'43	5♑39	22°14	2°43	1°34	18°26	8° 9	7°13	15°42	15° 4	16°57	18°28	15°37	24° 7	F 5
S 6	18 55 51	14° 4'55	20°41	23°38	3°56	2°17	18°30	8° 9	7°16	15°42	15° 3	16°54	18°25	15°43	24°10	S 6
S 7	18 59 47	15° 2'07	5♒28	25° 6	5°10	2°59	18°33	8° 8	7°19	15°42	15° 2	16°52	18°22	15°50	24°13	S 7
M 8	19 3 44	15°59'19	19°54	26°37	6°23	3°42	18°37	8° 8	7°22	15°43	15° 1	16°D52	18°19	15°57	24°16	M 8
T 9	19 7 40	16°56'30	3♓53	28°12	7°37	4°25	18°42	8° 7	7°25	15°43	14°59	16°53	18°15	16° 3	24°19	T 9
W10	19 11 37	17°53'42	17°26	29°50	8°50	5° 7	18°46	8° 7	7°28	15°43	14°58	16°54	18°12	16°10	24°22	W10
T 11	19 15 33	18°50'54	0♈33	1♋32	10° 4	5°50	18°50	8° 7	7°30	15°44	14°57	16°55	18° 9	16°17	24°25	T 11
F 12	19 19 30	19°48'07	13°17	3°17	11°17	6°33	18°55	8°D 7	7°33	15°44	14°56	16°56	18° 6	16°23	24°28	F 12
S 13	19 23 27	20°45'19	25°42	5° 5	12°31	7°15	19° 0	8° 7	7°36	15°45	14°55	16°R57	18° 3	16°30	24°30	S 13
S 14	19 27 23	21°42'33	7♉52	6°56	13°45	7°57	19° 5	8° 7	7°39	15°45	14°53	16°55	17°59	16°37	24°33	S 14
M15	19 31 20	22°39'46	19°52	8°50	14°58	8°40	19°10	8° 8	7°41	15°46	14°52	16°53	17°56	16°44	24°36	M15
T 16	19 35 16	23°37'00	1♊45	10°46	16°12	9°22	19°15	8° 8	7°44	15°46	14°51	16°50	17°53	16°50	24°38	T 16
W17	19 39 13	24°34'15	13°36	12°45	17°26	10° 4	19°20	8° 8	7°47	15°47	14°50	16°47	17°50	16°57	24°41	W17
T 18	19 43 9	25°31'30	25°28	14°47	18°39	10°46	19°26	8° 9	7°49	15°48	14°48	16°43	17°47	17° 4	24°43	T 18
F 19	19 47 6	26°28'45	7♋23	16°50	19°53	11°28	19°31	8°10	7°52	15°48	14°47	16°40	17°44	17°10	24°46	F 19
S 20	19 51 2	27°26'00	19°23	18°54	21° 7	12°10	19°37	8°10	7°55	15°49	14°46	16°38	17°40	17°17	24°48	S 20
S 21	19 54 59	28°23'16	1♌31	21° 1	22°20	12°52	19°43	8°11	7°57	15°50	14°44	16°36	17°37	17°24	24°51	S 21
M22	19 58 56	29°20'33	13°49	23° 8	23°34	13°34	19°49	8°12	8° 0	15°51	14°43	16°D35	17°34	17°31	24°53	M22
T 23	20 2 52	0♌17'49	26°16	25°15	24°48	14°16	19°56	8°13	8° 2	15°51	14°42	16°36	17°31	17°37	24°55	T 23
W24	20 6 49	1°15'06	8♍56	27°24	26° 2	14°57	20° 2	8°15	8° 4	15°52	14°40	16°36	17°28	17°44	24°57	W24
T 25	20 10 45	2°12'23	21°50	29°32	27°15	15°39	20° 8	8°16	8° 7	15°53	14°39	16°38	17°25	17°51	25° 0	T 25
F 26	20 14 42	3° 9'41	4♎59	1♌40	28°29	16°20	20°15	8°17	8° 9	15°54	14°38	16°39	17°21	17°57	25° 2	F 26
S 27	20 18 38	4° 6'58	18°25	3°48	29°43	17° 2	20°22	8°19	8°12	15°55	14°36	16°40	17°18	18° 4	25° 4	S 27
S 28	20 22 35	5° 4'16	2♏ 8	5°55	0♌57	17°43	20°29	8°20	8°14	15°56	14°35	16°R40	17°15	18°11	25° 6	S 28
M29	20 26 31	6° 1'35	16° 9	8° 1	2°11	18°24	20°36	8°22	8°16	15°57	14°34	16°40	17°12	18°17	25° 8	M29
T 30	20 30 28	6°58'53	0♐28	10° 6	3°25	19° 6	20°43	8°24	8°18	15°58	14°32	16°39	17° 9	18°24	25°10	T 30
W31	20 34 25	7♌56'12	15♐ 0	12♌10	4♌38	19♊47	20♎50	8♏25	8♊20	15♎59	14♒31	16♌38	17♌ 5	18♊31	25♉11	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	23n 4	8s42	5n 5	19n53	2s55	23n11	0s12	19n23	0s27	5s56	1n18	11s51	2n30	21n19	0s 8	4s43	1n33	22s11	6s12	15n38	15n12	18n 0	16n11	2s37
T 2	23 0	12 52	5 10	20 10	2 44	23 15	0 9	19 33	0 27	5 57	1 18	11 51	2 30	21 20	0 8	4 44	1 33	22 12	6 12	15 39	15 13	18 1	16 12	2 37
W 3	22 56	16 20	4 55	20 27	2 33	23 17	0 7	19 43	0 26	5 59	1 18	11 51	2 30	21 20	0 8	4 44	1 33	22 12	6 12	15 41	15 14	18 2	16 13	2 37
T 4	22 51	18 44	4 20	20 44	2 22	23 19	0 4	19 53	0 25	6 0	1 17	11 51	2 29	21 21	0 8	4 44	1 33	22 13	6 12	15 42	15 15	18 3	16 13	2 37
F 5	22 45	19 51	3 26	21 1	2 10	23 21	0 2	20 2	0 25	6 2	1 17	11 51	2 29	21 21	0 8	4 44	1 33	22 13	6 13	15 44	15 16	18 4	16 14	2 37
S 6	22 39	19 32	2 18	21 17	1 58	23 21	0n 1	20 12	0 24	6 3	1 17	11 51	2 29	21 22	0 8	4 44	1 33	22 14	6 13	15 45	15 17	18 5	16 14	2 38
S 7	22 33	17 52	1 2	21 33	1 45	23 21	0 3	20 21	0 23	6 5	1 17	11 51	2 28	21 22	0 8	4 44	1 33	22 14	6 13	15 45	15 18	18 6	16 15	2 38
M 8	22 27	15 5	0s17	21 49	1 33	23 20	0 5	20 29	0 23	6 7	1 16	11 51	2 28	21 23	0 8	4 44	1 33	22 15	6 13	15 45	15 19	18 7	16 15	2 38
T 9	22 20	11 30	1 32	22 3	1 20	23 19	0 8	20 38	0 22	6 8	1 16	11 51	2 28	21 23	0 8	4 45	1 33	22 15	6 13	15 45	15 20	18 9	16 16	2 38
W10	22 12	7 24	2 40	22 16	1 8	23 17	0 10	20 46	0 21	6 10	1 16	11 52	2 28	21 24	0 8	4 45	1 33	22 16	6 13	15 45	15 21	18 10	16 16	2 38
T 11	22 5	3 6	3 37	22 28	0 55	23 14	0 13	20 55	0 20	6 12	1 16	11 52	2 27	21 24	0 8	4 45	1 33	22 16	6 13	15 44	15 22	18 11	16 17	2 39
F 12	21 57	1n13	4 22	22 39	0 43	23 10	0 15	21 3	0 20	6 14	1 15	11 52	2 27	21 25	0 8	4 45	1 33	22 17	6 14	15 44	15 23	18 12	16 17	2 39
S 13	21 48	5 22	4 53	22 48	0 30	23 6	0 17	21 11	0 19	6 16	1 15	11 52	2 27	21 25	0 8	4 45	1 33	22 17	6 14	15 44	15 24	18 13	16 18	2 39
S 14	21 39	9 13	5 10	22 55	0 18	23 1	0 20	21 18	0 18	6 18	1 15	11 53	2 27	21 25	0 8	4 46	1 33	22 18	6 14	15 44	15 25	18 14	16 18	2 39
M15	21 30	12 38	5 14	23 1	0 6	22 56	0 22	21 26	0 17	6 20	1 15	11 53	2 26	21 26	0 8	4 46	1 33	22 18	6 14	15 45	15 26	18 15	16 19	2 39
T 16	21 20	15 31	5 3	23 4	0n 6	22 49	0 24	21 33	0 17	6 23	1 14	11 53	2 26	21 26	0 8	4 46	1 33	22 19	6 14	15 46	15 27	18 16	16 19	2 40
W17	21 10	17 45	4 40	23 4	0 17	22 42	0 27	21 40	0 16	6 25	1 14	11 54	2 26	21 27	0 8	4 47	1 33	22 19	6 14	15 47	15 28	18 17	16 19	2 40
T 18	21 0	19 14	4 5	23 3	0 28	22 35	0 29	21 47	0 15	6 27	1 14	11 54	2 26	21 27	0 8	4 47	1 33	22 20	6 15	15 48	15 29	18 18	16 20	2 40
F 19	20 49	19 52	3 20	22 58	0 38	22 27	0 31	21 53	0 14	6 30	1 14	11 55	2 25	21 28	0 8	4 47	1 33	22 20	6 15	15 49	15 30	18 19	16 20	2 40
S 20	20 38	19 37	2 24	22 51	0 48	22 18	0 33	22 0	0 13	6 32	1 13	11 55	2 25	21 28	0 8	4 47	1 33	22 21	6 15	15 50	15 31	18 20	16 20	2 41
S 21	20 27	18 27	1 22	22 42	0 57	22 8	0 35	22 6	0 13	6 34	1 13	11 56	2 25	21 28	0 8	4 48	1 33	22 21	6 15	15 50	15 32	18 21	16 21	2 41
M22	20 15	16 25	0 15	22 30	1 5	21 58	0 38	22 12	0 12	6 37	1 13	11 56	2 24	21 29	0 8	4 48	1 32	22 22	6 15	15 50	15 33	18 22	16 21	2 41
T 23	20 3	13 34	0n53	22 15	1 13	21 47	0 40	22 17	0 11	6 39	1 13	11 57	2 24	21 29	0 8	4 48	1 32	22 22	6 15	15 50	15 34	18 23	16 21	2 41
W24	19 51	10 4	2 0	21 57	1 20	21 36	0 42	22 23	0 10	6 42	1 12	11 58	2 24	21 30	0 8	4 49	1 32	22 23	6 15	15 50	15 35	18 24	16 22	2 42
T 25	19 38	6 2	3 3	21 37	1 26	21 24	0 44	22 28	0 10	6 45	1 12	11 58	2 24	21 30	0 8	4 49	1 32	22 23	6 15	15 50	15 36	18 25	16 22	2 42
F 26	19 25	1 39	3 57	21 14	1 31	21 11	0 46	22 33	0 9	6 47	1 12	11 59	2 23	21 30	0 8	4 50	1 32	22 24	6 15	15 49	15 36	18 27	16 22	2 42
S 27	19 12	2s54	4 39	20 49	1 36	20 57	0 48	22 38	0 8	6 50	1 12	12 0	2 23	21 31	0 8	4 50	1 32	22 24	6 16	15 49	15 37	18 28	16 22	2 42
S 28	18 58	7 24	5 7	20 22	1 39	20 43	0 50	22 43	0 7	6 53	1 12	12 0	2 23	21 31	0 8	4 50	1 32	22 25	6 16	15 49	15 38	18 29	16 23	2 43
M29	18 44	11 35	5 17	19 53	1 42	20 29	0 52	22 47	0 6	6 56	1 11	12 1	2 23	21 32	0 8	4 51	1 32	22 25	6 16	15 49	15 39	18 30	16 23	2 43
T 30	18 30	15 12	5 8	19 22	1 44	20 14	0 54	22 52	0 6	6 59	1 11	12 2	2 22	21 32	0 8	4 51	1 32	22 26	6 16	15 49	15 40	18 31	16 23	2 43
W31	18n15	17s56	4n39	18n49	1n46	19n58	0n55	22n56	0s 5	7s 2	1n11	12s 3	2n22	21n32	0s 8	4s52	1n32	22s26	6s16	15n49	15n41	18n32	16n23	2s43

Julian Day Number = 2553263.5, Delta T = 261.53 sec
Ecliptic obliquity = 23°24'04, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°37'58, Lahiri = 27°44'59

ASTRODIENST EPHEMERIS for the year 2278
geocentric

AUGUST 2278 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 21	8♌53'32	29♐42	14♌13	5♌52	20♊28	20♎58	8♏27	8♊22	16♎ 0	14°R30	16°R38	17♌ 2	18♊38	25♉13	T 1
F 2	20 42 18	9°50'51	14♑28	16°14	7° 6	21° 9	21° 5	8°29	8°25	16° 1	14♒28	16♌37	16°59	18°44	25°15	F 2
S 3	20 46 14	10°48'12	29°11	18°14	8°20	21°50	21°13	8°31	8°27	16° 2	14°27	16°36	16°56	18°51	25°17	S 3
S 4	20 50 11	11°45'33	13♒44	20°13	9°34	22°30	21°21	8°34	8°29	16° 4	14°26	16°D36	16°53	18°58	25°18	S 4
M 5	20 54 7	12°42'55	28° 2	22°10	10°48	23°11	21°29	8°36	8°31	16° 5	14°24	16°36	16°50	19° 4	25°20	M 5
T 6	20 58 4	13°40'18	11♓58	24° 5	12° 2	23°52	21°37	8°38	8°32	16° 6	14°23	16°36	16°46	19°11	25°21	T 6
W 7	21 2 0	14°37'41	25°32	25°59	13°16	24°32	21°45	8°41	8°34	16° 7	14°21	16°37	16°43	19°18	25°23	W 7
T 8	21 5 57	15°35'06	8♈42	27°51	14°30	25°13	21°53	8°43	8°36	16° 9	14°20	16°37	16°40	19°24	25°24	T 8
F 9	21 9 54	16°32'32	21°29	29°41	15°44	25°53	22° 2	8°46	8°38	16°10	14°19	16°R37	16°37	19°31	25°26	F 9
S 10	21 13 50	17°29'59	3♉57	1♍30	16°58	26°34	22°10	8°49	8°40	16°11	14°17	16°37	16°34	19°38	25°27	S 10
S 11	21 17 47	18°27'28	16°10	3°17	18°12	27°14	22°19	8°52	8°41	16°12	14°16	16°D37	16°31	19°45	25°28	S 11
M12	21 21 43	19°24'57	28°10	5° 3	19°26	27°54	22°28	8°55	8°43	16°14	14°15	16°37	16°27	19°51	25°29	M12
T 13	21 25 40	20°22'28	10♊ 4	6°47	20°40	28°34	22°36	8°58	8°45	16°15	14°13	16°37	16°24	19°58	25°30	T 13
W14	21 29 36	21°20'01	21°55	8°30	21°54	29°14	22°45	9° 1	8°46	16°17	14°12	16°37	16°21	20° 5	25°32	W14
T 15	21 33 33	22°17'34	3♋49	10°11	23° 8	29°54	22°54	9° 4	8°48	16°18	14°10	16°38	16°18	20°11	25°33	T 15
F 16	21 37 29	23°15'09	15°47	11°50	24°23	0♋34	23° 4	9° 7	8°49	16°20	14° 9	16°39	16°15	20°18	25°33	F 16
S 17	21 41 26	24°12'45	27°55	13°28	25°37	1°14	23°13	9°10	8°51	16°21	14° 8	16°39	16°11	20°25	25°34	S 17
S 18	21 45 23	25°10'23	10♌14	15° 5	26°51	1°54	23°22	9°14	8°52	16°23	14° 6	16°40	16° 8	20°31	25°35	S 18
M19	21 49 19	26° 8'01	22°46	16°40	28° 5	2°33	23°32	9°17	8°53	16°24	14° 5	16°R40	16° 5	20°38	25°36	M19
T 20	21 53 16	27° 5'41	5♍33	18°13	29°19	3°13	23°41	9°21	8°55	16°26	14° 4	16°39	16° 2	20°45	25°37	T 20
W21	21 57 12	28° 3'22	18°34	19°45	0♍34	3°52	23°51	9°25	8°56	16°27	14° 2	16°38	15°59	20°52	25°37	W21
T 22	22 1 9	29° 1'05	1♎50	21°15	1°48	4°31	24° 1	9°29	8°57	16°29	14° 1	16°37	15°56	20°58	25°38	T 22
F 23	22 5 5	29°58'48	15°20	22°44	3° 2	5°11	24°11	9°32	8°58	16°31	14° 0	16°35	15°52	21° 5	25°38	F 23
S 24	22 9 2	0♍56'32	29° 2	24°11	4°16	5°50	24°21	9°36	8°59	16°32	13°58	16°33	15°49	21°12	25°39	S 24
S 25	22 12 58	1°54'18	12♏55	25°37	5°30	6°29	24°31	9°40	9° 0	16°34	13°57	16°32	15°46	21°18	25°39	S 25
M26	22 16 55	2°52'05	26°58	27° 1	6°45	7° 8	24°41	9°44	9° 1	16°36	13°56	16°D31	15°43	21°25	25°40	M26
T 27	22 20 51	3°49'52	11♐ 8	28°24	7°59	7°47	24°51	9°49	9° 2	16°37	13°55	16°31	15°40	21°32	25°40	T 27
W28	22 24 48	4°47'41	25°25	29°44	9°13	8°25	25° 1	9°53	9° 3	16°39	13°53	16°32	15°37	21°38	25°40	W28
T 29	22 28 45	5°45'31	9♑45	1♎ 4	10°28	9° 4	25°12	9°57	9° 4	16°41	13°52	16°33	15°33	21°45	25°40	T 29
F 30	22 32 41	6°43'23	24° 4	2°21	11°42	9°43	25°22	10° 2	9° 5	16°43	13°51	16°35	15°30	21°52	25°40	F 30
S 31	22 36 38	7♍41'15	8♒21	3♎37	12♍56	10♋21	25♎33	10♏ 6	9♊ 6	16♎45	13♒49	16♌35	15♌27	21♊59	25°R40	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
T 1	18n 0	19s32	3n52	18n14	1n47	19n42	0n57	23n 0	0s 4	7s 5	1n11	12s 4	2n22	21n33	0s 8	4s52	1n32	22s27	6s16	15n50	15n42	18n33	16n24	2s43
F 2	17 45	19 49	2 49	17 38	1 47	19 25	0 59	23 3	0 3	7 8	1 10	12 4	2 22	21 33	0 8	4 53	1 32	22 27	6 16	15 50	15 43	18 34	16 24	2 44
S 3	17 30	18 44	1 35	17 1	1 46	19 8	1 1	23 7	0 2	7 11	1 10	12 5	2 21	21 33	0 8	4 53	1 32	22 28	6 16	15 50	15 44	18 35	16 24	2 44
S 4	17 14	16 25	0 16	16 23	1 45	18 50	1 2	23 10	0 1	7 14	1 10	12 6	2 21	21 34	0 8	4 54	1 32	22 28	6 16	15 50	15 45	18 36	16 24	2 44
M 5	16 58	13 8	1s 3	15 44	1 43	18 31	1 4	23 13	0 1	7 17	1 10	12 7	2 21	21 34	0 8	4 54	1 32	22 29	6 16	15 50	15 46	18 37	16 24	2 45
T 6	16 42	9 10	2 16	15 3	1 41	18 12	1 5	23 16	0n 0	7 20	1 10	12 8	2 21	21 34	0 8	4 55	1 32	22 29	6 17	15 50	15 47	18 38	16 24	2 45
W 7	16 25	4 50	3 20	14 22	1 38	17 53	1 7	23 18	0 1	7 23	1 9	12 9	2 20	21 34	0 8	4 55	1 32	22 30	6 17	15 50	15 48	18 39	16 24	2 45
T 8	16 8	0 24	4 11	13 41	1 34	17 33	1 8	23 21	0 2	7 27	1 9	12 10	2 20	21 35	0 8	4 56	1 32	22 30	6 17	15 50	15 49	18 40	16 24	2 45
F 9	15 51	3n55	4 47	12 58	1 30	17 12	1 10	23 23	0 3	7 30	1 9	12 12	2 20	21 35	0 8	4 56	1 32	22 31	6 17	15 50	15 50	18 41	16 24	2 46
S 10	15 34	7 57	5 10	12 15	1 26	16 51	1 11	23 25	0 4	7 33	1 9	12 13	2 20	21 35	0 8	4 57	1 32	22 31	6 17	15 50	15 51	18 42	16 25	2 46
S 11	15 16	11 35	5 17	11 32	1 21	16 30	1 12	23 27	0 5	7 37	1 9	12 14	2 19	21 36	0 8	4 57	1 32	22 32	6 17	15 50	15 52	18 43	16 25	2 46
M12	14 58	14 40	5 11	10 49	1 16	16 8	1 13	23 29	0 5	7 40	1 8	12 15	2 19	21 36	0 8	4 58	1 32	22 32	6 17	15 50	15 53	18 44	16 25	2 46
T 13	14 40	17 7	4 51	10 5	1 10	15 45	1 15	23 30	0 6	7 44	1 8	12 16	2 19	21 36	0 8	4 58	1 32	22 33	6 17	15 50	15 54	18 45	16 25	2 47
W14	14 22	18 51	4 19	9 21	1 4	15 23	1 16	23 31	0 7	7 47	1 8	12 17	2 19	21 36	0 8	4 59	1 32	22 33	6 17	15 50	15 55	18 46	16 25	2 47
T 15	14 4	19 45	3 36	8 38	0 57	14 59	1 17	23 32	0 8	7 51	1 8	12 19	2 18	21 37	0 8	5 0	1 31	22 33	6 17	15 50	15 56	18 47	16 25	2 47
F 16	13 45	19 46	2 43	7 54	0 51	14 36	1 18	23 33	0 9	7 54	1 8	12 20	2 18	21 37	0 8	5 0	1 31	22 34	6 17	15 49	15 57	18 48	16 25	2 47
S 17	13 26	18 53	1 42	7 10	0 44	14 12	1 19	23 34	0 10	7 58	1 7	12 21	2 18	21 37	0 8	5 1	1 31	22 34	6 17	15 49	15 58	18 48	16 24	2 48
S 18	13 7	17 5	0 36	6 26	0 37	13 47	1 20	23 34	0 11	8 1	1 7	12 22	2 18	21 37	0 8	5 1	1 31	22 35	6 17	15 49	15 58	18 49	16 24	2 48
M19	12 47	14 26	0n34	5 42	0 29	13 23	1 20	23 34	0 12	8 5	1 7	12 24	2 17	21 37	0 8	5 2	1 31	22 35	6 17	15 49	15 59	18 50	16 24	2 48
T 20	12 28	11 3	1 43	4 59	0 21	12 58	1 21	23 34	0 13	8 9	1 7	12 25	2 17	21 38	0 7	5 3	1 31	22 36	6 17	15 49	16 0	18 51	16 24	2 48
W21	12 8	7 5	2 48	4 15	0 13	12 32	1 22	23 34	0 13	8 12	1 7	12 27	2 17	21 38	0 7	5 3	1 31	22 36	6 17	15 50	16 1	18 52	16 24	2 49
T 22	11 48	2 42	3 45	3 32	0 5	12 6	1 22	23 34	0 14	8 16	1 7	12 28	2 17	21 38	0 7	5 4	1 31	22 37	6 17	15 50	16 2	18 53	16 24	2 49
F 23	11 28	1s52	4 30	2 50	0s 3	11 40	1 23	23 33	0 15	8 20	1 6	12 29	2 16	21 38	0 7	5 5	1 31	22 37	6 17	15 50	16 3	18 54	16 24	2 49
S 24	11 7	6 25	5 1	2 7	0 12	11 14	1 24	23 33	0 16	8 24	1 6	12 31	2 16	21 38	0 7	5 5	1 31	22 37	6 17	15 51	16 4	18 55	16 24	2 50
S 25	10 47	10 41	5 15	1 26	0 20	10 47	1 24	23 32	0 17	8 28	1 6	12 32	2 16	21 39	0 7	5 6	1 31	22 38	6 17	15 51	16 5	18 56	16 24	2 50
M26	10 26	14 24	5 11	0 44	0 29	10 20	1 24	23 31	0 18	8 31	1 6	12 34	2 16	21 39	0 7	5 7	1 31	22 38	6 17	15 52	16 6	18 57	16 23	2 50
T 27	10 5	17 20	4 47	0 3	0 38	9 52	1 25	23 29	0 19	8 35	1 6	12 35	2 15	21 39	0 7	5 7	1 31	22 39	6 17	15 52	16 7	18 58	16 23	2 50
W28	9 44	19 13	4 6	0s37	0 47	9 25	1 25	23 28	0 20	8 39	1 6	12 37	2 15	21 39	0 7	5 8	1 31	22 39	6 17	15 51	16 8	18 59	16 23	2 51
T 29	9 23	19 54	3 9	1 17	0 56	8 57	1 25	23 26	0 21	8 43	1 5	12 38	2 15	21 39	0 7	5 9	1 31	22 39	6 17	15 51	16 9	19 0	16 23	2 51
F 30	9 2	19 16	2 1	1 56	1 5	8 29	1 25	23 24	0 22	8 47	1 5	12 40	2 15	21 39	0 7	5 9	1 31	22 40	6 17	15 51	16 10	19 1	16 22	2 51
S 31	8n40	17s25	0n45	2s35	1s15	8n 0	1n25	23n22	0n23	8s51	1n 5	12s42	2n15	21n39	0s 7	5s10	1n31	22s40	6s18	15n50	16n11	19n 2	16n22	2s51

Julian Day Number = 2553294.5, Delta T = 261.66 sec
Ecliptic obliquity = 23°24'04, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°38'03, Lahiri = 27°45'03

ASTRODIENST EPHEMERIS for the year 2278
geocentric

SEPTEMBER 2278 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 34	8♍39'09	22♒29	4♎50	14♍10	11♋ 0	25♎43	10♏11	9♊ 6	16♎46	13°R48	16°R35	15♌24	22♊ 5	25°R40	S 1
M 2	22 44 31	9°37'04	6♓27	6° 2	15°25	11°38	25°54	10°15	9° 7	16°48	13♒47	16♌34	15°21	22°12	25♉40	M 2
T 3	22 48 27	10°35'01	20° 9	7°12	16°39	12°16	26° 5	10°20	9° 8	16°50	13°46	16°32	15°17	22°19	25°40	T 3
W 4	22 52 24	11°32'59	3♈34	8°20	17°53	12°54	26°16	10°25	9° 8	16°52	13°45	16°29	15°14	22°25	25°40	W 4
T 5	22 56 20	12°30'59	16°40	9°25	19° 8	13°32	26°27	10°29	9° 9	16°54	13°43	16°25	15°11	22°32	25°39	T 5
F 6	23 0 17	13°29'01	29°26	10°29	20°22	14°10	26°38	10°34	9° 9	16°56	13°42	16°21	15° 8	22°39	25°39	F 6
S 7	23 4 14	14°27'05	11♉54	11°29	21°36	14°48	26°49	10°39	9° 9	16°58	13°41	16°17	15° 5	22°45	25°39	S 7
S 8	23 8 10	15°25'11	24° 7	12°28	22°51	15°26	27° 0	10°44	9°10	17° 0	13°40	16°14	15° 2	22°52	25°38	S 8
M 9	23 12 7	16°23'18	6♊ 8	13°23	24° 5	16° 3	27°11	10°49	9°10	17° 2	13°39	16°12	14°58	22°59	25°38	M 9
T 10	23 16 3	17°21'28	18° 2	14°16	25°20	16°41	27°22	10°55	9°10	17° 4	13°38	16°D12	14°55	23° 5	25°37	T 10
W11	23 20 0	18°19'39	29°54	15° 6	26°34	17°18	27°34	11° 0	9°11	17° 6	13°37	16°12	14°52	23°12	25°36	W11
T 12	23 23 56	19°17'53	11♋47	15°52	27°48	17°56	27°45	11° 5	9°11	17° 8	13°36	16°14	14°49	23°19	25°36	T 12
F 13	23 27 53	20°16'08	23°48	16°35	29° 3	18°33	27°57	11°10	9°11	17°10	13°35	16°15	14°46	23°26	25°35	F 13
S 14	23 31 49	21°14'26	6♌ 0	17°14	0♎17	19°10	28° 8	11°16	9°R11	17°12	13°34	16°17	14°42	23°32	25°34	S 14
S 15	23 35 46	22°12'45	18°28	17°49	1°32	19°47	28°20	11°21	9°11	17°14	13°33	16°R17	14°39	23°39	25°33	S 15
M16	23 39 43	23°11'06	1♍13	18°20	2°46	20°24	28°32	11°27	9°11	17°16	13°32	16°16	14°36	23°46	25°32	M16
T 17	23 43 39	24° 9'29	14°19	18°46	4° 1	21° 1	28°43	11°32	9°11	17°18	13°31	16°13	14°33	23°52	25°31	T 17
W18	23 47 36	25° 7'54	27°43	19° 7	5°15	21°37	28°55	11°38	9°10	17°20	13°30	16° 9	14°30	23°59	25°30	W18
T 19	23 51 32	26° 6'21	11♎25	19°23	6°29	22°14	29° 7	11°44	9°10	17°22	13°29	16° 3	14°27	24° 6	25°29	T 19
F 20	23 55 29	27° 4'50	25°22	19°34	7°44	22°50	29°19	11°49	9°10	17°24	13°28	15°56	14°23	24°12	25°28	F 20
S 21	23 59 25	28° 3'20	9♏29	19°R38	8°58	23°27	29°31	11°55	9°10	17°26	13°27	15°50	14°20	24°19	25°26	S 21
S 22	0 3 22	29° 1'53	23°42	19°36	10°13	24° 3	29°43	12° 1	9° 9	17°29	13°26	15°44	14°17	24°26	25°25	S 22
M23	0 7 18	0♎ 0'26	7♐57	19°27	11°27	24°39	29°55	12° 7	9° 9	17°31	13°25	15°41	14°14	24°32	25°24	M23
T 24	0 11 15	0°59'02	22°11	19°12	12°42	25°15	0♏ 7	12°13	9° 8	17°33	13°24	15°39	14°11	24°39	25°22	T 24
W25	0 15 11	1°57'39	6♑21	18°50	13°56	25°51	0°19	12°19	9° 8	17°35	13°23	15°D38	14° 8	24°46	25°21	W25
T 26	0 19 8	2°56'18	20°26	18°20	15°11	26°26	0°32	12°25	9° 7	17°37	13°23	15°39	14° 4	24°53	25°19	T 26
F 27	0 23 5	3°54'58	4♒24	17°43	16°25	27° 2	0°44	12°31	9° 7	17°39	13°22	15°40	14° 1	24°59	25°18	F 27
S 28	0 27 1	4°53'40	18°15	17° 0	17°40	27°37	0°56	12°37	9° 6	17°42	13°21	15°R41	13°58	25° 6	25°16	S 28
S 29	0 30 58	5°52'24	1♓57	16°10	18°54	28°13	1° 8	12°44	9° 5	17°44	13°20	15°39	13°55	25°13	25°14	S 29
M30	0 34 54	6♎51'09	15♓30	15♎14	20♎ 9	28♋48	1♏21	12♏50	9♊ 5	17♎46	13♒20	15♌36	13♌52	25♊19	25♉13	M30

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	8n19	14s30	0s32	3s12	1s24	7n32	1n25	23n20	0n24	8s55	1n 5	12s43	2n14	21n39	0s 7	5s11	1n31	22s40	6s18	15n50	16n12	19n 3	16n22	2s52
M 2	7 57	10 47	1 47	3 49	1 33	7 3	1 25	23 18	0 25	8 59	1 5	12 45	2 14	21 40	0 7	5 12	1 31	22 41	6 18	15 51	16 13	19 3	16 22	2 52
T 3	7 35	6 34	2 54	4 25	1 43	6 34	1 25	23 16	0 25	9 3	1 5	12 46	2 14	21 40	0 7	5 12	1 31	22 41	6 17	15 51	16 14	19 4	16 21	2 52
W 4	7 13	2 6	3 50	5 1	1 52	6 5	1 25	23 13	0 26	9 7	1 4	12 48	2 14	21 40	0 7	5 13	1 31	22 42	6 17	15 52	16 14	19 5	16 21	2 52
T 5	6 51	2n21	4 32	5 35	2 1	5 36	1 25	23 10	0 27	9 11	1 4	12 50	2 14	21 40	0 7	5 14	1 31	22 42	6 17	15 53	16 15	19 6	16 21	2 53
F 6	6 29	6 34	5 0	6 8	2 10	5 6	1 24	23 7	0 28	9 15	1 4	12 52	2 13	21 40	0 7	5 15	1 31	22 42	6 17	15 55	16 16	19 7	16 20	2 53
S 7	6 7	10 25	5 12	6 40	2 19	4 36	1 24	23 4	0 29	9 19	1 4	12 53	2 13	21 40	0 7	5 15	1 31	22 42	6 17	15 56	16 17	19 8	16 20	2 53
S 8	5 44	13 45	5 10	7 12	2 28	4 7	1 23	23 1	0 30	9 24	1 4	12 55	2 13	21 40	0 7	5 16	1 31	22 43	6 17	15 57	16 18	19 9	16 20	2 54
M 9	5 22	16 28	4 55	7 41	2 37	3 37	1 23	22 57	0 31	9 28	1 4	12 57	2 13	21 40	0 7	5 17	1 31	22 43	6 17	15 57	16 19	19 10	16 19	2 54
T 10	4 59	18 27	4 26	8 10	2 46	3 7	1 22	22 54	0 32	9 32	1 4	12 59	2 13	21 40	0 7	5 18	1 31	22 43	6 17	15 57	16 20	19 11	16 19	2 54
W11	4 37	19 37	3 47	8 37	2 54	2 37	1 22	22 50	0 33	9 36	1 3	13 0	2 12	21 40	0 7	5 18	1 31	22 44	6 17	15 57	16 21	19 12	16 18	2 54
T 12	4 14	19 56	2 57	9 2	3 2	2 6	1 21	22 46	0 34	9 40	1 3	13 2	2 12	21 40	0 7	5 19	1 31	22 44	6 17	15 57	16 22	19 12	16 18	2 55
F 13	3 51	19 21	2 0	9 26	3 10	1 36	1 20	22 42	0 35	9 45	1 3	13 4	2 12	21 40	0 7	5 20	1 31	22 44	6 17	15 56	16 23	19 13	16 18	2 55
S 14	3 28	17 50	0 56	9 48	3 18	1 6	1 19	22 38	0 36	9 49	1 3	13 6	2 12	21 40	0 7	5 21	1 31	22 45	6 17	15 56	16 24	19 14	16 17	2 55
S 15	3 5	15 27	0n12	10 8	3 25	0 35	1 18	22 34	0 37	9 53	1 3	13 8	2 12	21 40	0 7	5 22	1 31	22 45	6 17	15 56	16 25	19 15	16 17	2 55
M16	2 42	12 17	1 20	10 26	3 32	0 5	1 17	22 29	0 38	9 57	1 3	13 9	2 11	21 40	0 7	5 22	1 31	22 45	6 17	15 56	16 26	19 16	16 16	2 56
T 17	2 19	8 25	2 26	10 42	3 38	0s25	1 16	22 25	0 39	10 2	1 3	13 11	2 11	21 40	0 7	5 23	1 31	22 45	6 17	15 57	16 27	19 17	16 16	2 56
W18	1 56	4 3	3 26	10 55	3 44	0 56	1 15	22 20	0 40	10 6	1 3	13 13	2 11	21 40	0 7	5 24	1 31	22 46	6 17	15 58	16 27	19 18	16 15	2 56
T 19	1 33	0s36	4 15	11 6	3 49	1 26	1 14	22 15	0 41	10 10	1 3	13 15	2 11	21 40	0 7	5 25	1 31	22 46	6 17	16 0	16 28	19 18	16 15	2 56
F 20	1 10	5 18	4 49	11 14	3 53	1 57	1 13	22 10	0 42	10 14	1 2	13 17	2 11	21 40	0 7	5 26	1 31	22 46	6 17	16 2	16 29	19 19	16 14	2 57
S 21	0 46	9 46	5 7	11 19	3 56	2 27	1 12	22 5	0 43	10 19	1 2	13 19	2 11	21 40	0 7	5 26	1 31	22 46	6 17	16 4	16 30	19 20	16 14	2 57
S 22	0 23	13 43	5 6	11 20	3 58	2 58	1 10	22 0	0 44	10 23	1 2	13 21	2 10	21 40	0 7	5 27	1 31	22 46	6 17	16 6	16 31	19 21	16 13	2 57
M23	0s 0	16 54	4 46	11 18	4 0	3 28	1 9	21 54	0 46	10 27	1 2	13 23	2 10	21 40	0 7	5 28	1 31	22 47	6 17	16 7	16 32	19 22	16 12	2 57
T 24	0 23	19 2	4 9	11 12	3 59	3 58	1 7	21 49	0 47	10 32	1 2	13 25	2 10	21 40	0 7	5 29	1 31	22 47	6 17	16 7	16 33	19 23	16 12	2 58
W25	0 47	19 59	3 16	11 2	3 58	4 29	1 6	21 43	0 48	10 36	1 2	13 27	2 10	21 40	0 7	5 30	1 31	22 47	6 17	16 7	16 34	19 24	16 11	2 58
T 26	1 10	19 40	2 12	10 48	3 55	4 59	1 4	21 38	0 49	10 40	1 2	13 29	2 10	21 40	0 7	5 31	1 31	22 47	6 17	16 7	16 35	19 24	16 11	2 58
F 27	1 33	18 9	1 0	10 30	3 50	5 29	1 3	21 32	0 50	10 45	1 2	13 31	2 10	21 40	0 7	5 31	1 31	22 47	6 17	16 7	16 36	19 25	16 10	2 58
S 28	1 57	15 33	0s14	10 7	3 44	5 59	1 1	21 26	0 51	10 49	1 2	13 33	2 9	21 39	0 7	5 32	1 31	22 48	6 17	16 7	16 37	19 26	16 9	2 59
S 29	2 20	12 7	1 27	9 40	3 36	6 29	0 59	21 20	0 52	10 54	1 1	13 35	2 9	21 39	0 7	5 33	1 31	22 48	6 16	16 7	16 38	19 27	16 9	2 59
M30	2s43	8s 4	2s33	9s 9	3s26	6s58	0n58	21n14	0n53	10s58	1n 1	13s37	2n 9	21n39	0s 7	5s34	1n31	22s48	6s16	16n 8	16n38	19n28	16n 8	2s59

Julian Day Number = 2553325.5, Delta T = 261.79 sec
Ecliptic obliquity = 23°24'05, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°38'07, Lahiri = 27°45'07

ASTRODIENST EPHEMERIS for the year 2278
geocentric

OCTOBER 2278 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 51	7♎49'56	28♓50	14°R13	21♎23	29♋23	1♏33	12♏56	9°R 4	17♎48	13°R19	15°R30	13♌48	25♊26	25°R11	T 1
W 2	0 42 47	8°48'45	11♈58	13♎ 9	22°38	29°58	1°46	13° 2	9♊ 3	17°50	13♒18	15♌22	13°45	25°33	25♉ 9	W 2
T 3	0 46 44	9°47'37	24°51	12° 2	23°52	0♌33	1°58	13° 9	9° 2	17°53	13°18	15°13	13°42	25°39	25° 7	T 3
F 4	0 50 40	10°46'30	7♉30	10°55	25° 7	1° 7	2°11	13°15	9° 1	17°55	13°17	15° 3	13°39	25°46	25° 5	F 4
S 5	0 54 37	11°45'25	19°53	9°48	26°21	1°42	2°23	13°22	9° 0	17°57	13°17	14°53	13°36	25°53	25° 3	S 5
S 6	0 58 34	12°44'23	2♊ 4	8°44	27°35	2°16	2°36	13°28	8°59	17°59	13°16	14°44	13°33	25°59	25° 1	S 6
M 7	1 2 30	13°43'23	14° 3	7°45	28°50	2°50	2°49	13°35	8°58	18° 1	13°15	14°38	13°29	26° 6	24°59	M 7
T 8	1 6 27	14°42'25	25°56	6°51	0♏ 4	3°25	3° 1	13°41	8°57	18° 4	13°15	14°34	13°26	26°13	24°57	T 8
W 9	1 10 23	15°41'29	7♋45	6° 5	1°19	3°58	3°14	13°48	8°56	18° 6	13°14	14°31	13°23	26°19	24°54	W 9
T 10	1 14 20	16°40'36	19°37	5°28	2°33	4°32	3°27	13°55	8°54	18° 8	13°14	14°D31	13°20	26°26	24°52	T 10
F 11	1 18 16	17°39'45	1♌37	5° 1	3°48	5° 6	3°40	14° 1	8°53	18°10	13°14	14°32	13°17	26°33	24°50	F 11
S 12	1 22 13	18°38'56	13°49	4°44	5° 2	5°39	3°53	14° 8	8°52	18°13	13°13	14°R32	13°13	26°40	24°48	S 12
S 13	1 26 9	19°38'10	26°20	4°D38	6°17	6°13	4° 5	14°15	8°50	18°15	13°13	14°32	13°10	26°46	24°45	S 13
M14	1 30 6	20°37'26	9♍12	4°42	7°31	6°46	4°18	14°21	8°49	18°17	13°12	14°29	13° 7	26°53	24°43	M14
T 15	1 34 3	21°36'44	22°28	4°57	8°46	7°19	4°31	14°28	8°48	18°19	13°12	14°24	13° 4	27° 0	24°40	T 15
W16	1 37 59	22°36'04	6♎10	5°23	10° 0	7°52	4°44	14°35	8°46	18°22	13°12	14°16	13° 1	27° 6	24°38	W16
T 17	1 41 56	23°35'26	20°15	5°57	11°15	8°25	4°57	14°42	8°45	18°24	13°11	14° 6	12°58	27°13	24°35	T 17
F 18	1 45 52	24°34'50	4♏38	6°41	12°29	8°57	5°10	14°49	8°43	18°26	13°11	13°55	12°54	27°20	24°33	F 18
S 19	1 49 49	25°34'17	19°13	7°33	13°44	9°30	5°23	14°56	8°41	18°28	13°11	13°44	12°51	27°26	24°30	S 19
S 20	1 53 45	26°33'45	3♐53	8°33	14°58	10° 2	5°36	15° 3	8°40	18°30	13°11	13°35	12°48	27°33	24°27	S 20
M21	1 57 42	27°33'15	18°31	9°39	16°13	10°34	5°49	15°10	8°38	18°33	13°11	13°27	12°45	27°40	24°25	M21
T 22	2 1 38	28°32'47	2♑59	10°51	17°27	11° 6	6° 2	15°17	8°36	18°35	13°10	13°23	12°42	27°46	24°22	T 22
W23	2 5 35	29°32'21	17°16	12° 8	18°42	11°37	6°15	15°24	8°34	18°37	13°10	13°20	12°39	27°53	24°19	W23
T 24	2 9 32	0♏31'56	1♒18	13°29	19°56	12° 9	6°28	15°31	8°33	18°39	13°10	13°D20	12°35	28° 0	24°16	T 24
F 25	2 13 28	1°31'33	15° 5	14°54	21°11	12°40	6°41	15°38	8°31	18°41	13°10	13°R20	12°32	28° 6	24°13	F 25
S 26	2 17 25	2°31'12	28°39	16°23	22°25	13°11	6°54	15°45	8°29	18°44	13°10	13°19	12°29	28°13	24°11	S 26
S 27	2 21 21	3°30'52	12♓ 0	17°54	23°40	13°42	7° 7	15°52	8°27	18°46	13°D10	13°17	12°26	28°20	24° 8	S 27
M28	2 25 18	4°30'34	25° 9	19°27	24°54	14°13	7°20	15°59	8°25	18°48	13°10	13°11	12°23	28°26	24° 5	M28
T 29	2 29 14	5°30'18	8♈ 8	21° 2	26° 9	14°43	7°34	16° 6	8°23	18°50	13°10	13° 3	12°19	28°33	24° 2	T 29
W30	2 33 11	6°30'04	20°55	22°38	27°23	15°13	7°47	16°13	8°21	18°52	13°10	12°52	12°16	28°40	23°59	W30
T 31	2 37 7	7♏29'51	3♉32	24♎15	28♏37	15♌43	8♏ 0	16♏20	8♊19	18♎54	13♒10	12♌38	12♌13	28♊46	23♉56	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	3s 6	3s41	3s30	8s35	3s14	7s28	0n56	21n 8	0n54	11s 2	1n 1	13s39	2n 9	21n39	0s 7	5s35	1n31	22s48	6s16	16n10	16n39	19n28	16n 7	2s59
W 2	3 29	0n48	4 15	7 57	3 0	7 57	0 54	21 2	0 55	11 7	1 1	13 41	2 9	21 39	0 7	5 36	1 31	22 48	6 16	16 12	16 40	19 29	16 7	3 0
T 3	3 52	5 10	4 46	7 16	2 44	8 27	0 52	20 55	0 56	11 11	1 1	13 43	2 9	21 39	0 7	5 36	1 31	22 48	6 16	16 15	16 41	19 30	16 6	3 0
F 4	4 16	9 13	5 2	6 34	2 27	8 56	0 50	20 49	0 57	11 15	1 1	13 45	2 9	21 39	0 7	5 37	1 31	22 48	6 16	16 18	16 42	19 31	16 5	3 0
S 5	4 39	12 48	5 4	5 51	2 9	9 24	0 48	20 42	0 59	11 20	1 1	13 47	2 8	21 39	0 7	5 38	1 31	22 48	6 16	16 21	16 43	19 32	16 5	3 0
S 6	5 1	15 47	4 51	5 8	1 49	9 53	0 46	20 36	1 0	11 24	1 1	13 49	2 8	21 38	0 7	5 39	1 31	22 49	6 16	16 23	16 44	19 32	16 4	3 1
M 7	5 24	18 3	4 26	4 26	1 29	10 21	0 44	20 29	1 1	11 29	1 1	13 51	2 8	21 38	0 7	5 40	1 31	22 49	6 16	16 25	16 45	19 33	16 3	3 1
T 8	5 47	19 31	3 50	3 46	1 9	10 50	0 42	20 22	1 2	11 33	1 1	13 53	2 8	21 38	0 7	5 41	1 31	22 49	6 16	16 26	16 46	19 34	16 3	3 1
W 9	6 10	20 7	3 3	3 9	0 48	11 18	0 40	20 15	1 3	11 37	1 1	13 55	2 8	21 38	0 7	5 41	1 31	22 49	6 16	16 27	16 47	19 35	16 2	3 1
T 10	6 33	19 50	2 9	2 36	0 28	11 45	0 37	20 8	1 4	11 42	1 0	13 57	2 8	21 38	0 7	5 42	1 31	22 49	6 16	16 27	16 48	19 36	16 1	3 2
F 11	6 55	18 39	1 8	2 7	0 9	12 13	0 35	20 1	1 5	11 46	1 0	13 59	2 8	21 38	0 7	5 43	1 31	22 49	6 16	16 27	16 48	19 36	16 0	3 2
S 12	7 18	16 35	0 4	1 44	0n10	12 40	0 33	19 54	1 7	11 51	1 0	14 1	2 8	21 37	0 7	5 44	1 31	22 49	6 15	16 27	16 49	19 37	16 0	3 2
S 13	7 40	13 42	1n 2	1 26	0 27	13 7	0 31	19 47	1 8	11 55	1 0	14 3	2 8	21 37	0 7	5 45	1 31	22 49	6 15	16 27	16 50	19 38	15 59	3 2
M14	8 3	10 5	2 7	1 13	0 43	13 33	0 28	19 40	1 9	11 59	1 0	14 5	2 7	21 37	0 7	5 46	1 31	22 49	6 15	16 28	16 51	19 39	15 58	3 2
T 15	8 25	5 51	3 7	1 5	0 57	13 59	0 26	19 33	1 10	12 4	1 0	14 8	2 7	21 37	0 7	5 47	1 31	22 49	6 15	16 29	16 52	19 39	15 57	3 3
W16	8 47	1 12	3 58	1 4	1 10	14 25	0 24	19 25	1 11	12 8	1 0	14 10	2 7	21 36	0 7	5 47	1 31	22 49	6 15	16 31	16 53	19 40	15 56	3 3
T 17	9 9	3s38	4 36	1 7	1 22	14 51	0 21	19 18	1 13	12 13	1 0	14 12	2 7	21 36	0 7	5 48	1 31	22 49	6 15	16 34	16 54	19 41	15 56	3 3
F 18	9 31	8 22	4 58	1 15	1 32	15 16	0 19	19 11	1 14	12 17	1 0	14 14	2 7	21 36	0 7	5 49	1 31	22 49	6 15	16 37	16 55	19 42	15 55	3 3
S 19	9 52	12 41	5 0	1 28	1 40	15 41	0 16	19 3	1 15	12 21	1 0	14 16	2 7	21 36	0 7	5 50	1 31	22 49	6 15	16 41	16 56	19 42	15 54	3 3
S 20	10 14	16 15	4 43	1 45	1 47	16 5	0 14	18 56	1 16	12 26	1 0	14 18	2 7	21 36	0 7	5 51	1 31	22 49	6 15	16 43	16 57	19 43	15 53	3 4
M21	10 35	18 48	4 8	2 5	1 53	16 29	0 11	18 48	1 18	12 30	1 0	14 20	2 7	21 35	0 7	5 52	1 31	22 49	6 15	16 45	16 57	19 44	15 52	3 4
T 22	10 56	20 6	3 16	2 30	1 57	16 53	0 9	18 41	1 19	12 34	1 0	14 22	2 7	21 35	0 7	5 52	1 31	22 49	6 15	16 47	16 58	19 45	15 51	3 4
W23	11 18	20 5	2 13	2 57	2 0	17 16	0 6	18 33	1 20	12 39	1 0	14 24	2 7	21 35	0 7	5 53	1 31	22 49	6 14	16 47	16 59	19 45	15 51	3 4
T 24	11 38	18 49	1 3	3 26	2 2	17 38	0 3	18 26	1 21	12 43	1 0	14 26	2 7	21 34	0 7	5 54	1 31	22 49	6 14	16 48	17 0	19 46	15 50	3 4
F 25	11 59	16 26	0s 9	3 58	2 3	18 1	0 1	18 18	1 23	12 47	1 0	14 28	2 7	21 34	0 7	5 55	1 31	22 49	6 14	16 47	17 1	19 47	15 49	3 4
S 26	12 20	13 11	1 20	4 32	2 3	18 22	0s 2	18 11	1 24	12 52	1 0	14 31	2 6	21 34	0 7	5 56	1 31	22 48	6 14	16 48	17 2	19 48	15 48	3 5
S 27	12 40	9 17	2 25	5 8	2 2	18 44	0 4	18 3	1 25	12 56	0 59	14 33	2 6	21 34	0 7	5 56	1 31	22 48	6 14	16 48	17 3	19 48	15 47	3 5
M28	13 0	5 1	3 22	5 44	2 1	19 5	0 7	17 55	1 27	13 0	0 59	14 35	2 6	21 33	0 7	5 57	1 31	22 48	6 14	16 50	17 4	19 49	15 46	3 5
T 29	13 20	0 34	4 7	6 22	1 58	19 25	0 10	17 48	1 28	13 4	0 59	14 37	2 6	21 33	0 7	5 58	1 31	22 48	6 14	16 52	17 5	19 50	15 45	3 5
W30	13 40	3n51	4 38	7 0	1 55	19 45	0 12	17 40	1 29	13 9	0 59	14 39	2 6	21 33	0 7	5 59	1 31	22 48	6 14	16 56	17 5	19 50	15 45	3 5
T 31	13s59	8n 2	4s56	7s39	1n52	20s 4	0s15	17n32	1n31	13s13	0n59	14s41	2n 6	21n32	0s 7	6s 0	1n31	22s48	6s14	16n59	17n 6	19n51	15n44	3s 5

Julian Day Number = 2553355.5, Delta T = 261.92 sec
Ecliptic obliquity = 23°24'05, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°38'11, Lahiri = 27°45'11

ASTRODIENST EPHEMERIS for the year 2278
geocentric

NOVEMBER 2278 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 41 4	8♏29'41	15♉57	25♎53	29♏52	16♌13	8♏13	16♏28	8°R17	18♎57	13♒11	12°R24	12♌10	28♊53	23°R53	F 1
S 2	2 45 0	9°29'32	28°12	27°32	1♐ 6	16°43	8°26	16°35	8♊15	18°59	13°11	12♌10	12° 7	29° 0	23♉50	S 2
S 3	2 48 57	10°29'26	10♊16	29°11	2°21	17°12	8°39	16°42	8°13	19° 1	13°11	11°58	12° 4	29° 7	23°47	S 3
M 4	2 52 54	11°29'22	22°12	0♏50	3°35	17°42	8°52	16°49	8°11	19° 3	13°11	11°48	12° 0	29°13	23°44	M 4
T 5	2 56 50	12°29'19	4♋ 2	2°30	4°49	18°11	9° 5	16°56	8° 8	19° 5	13°11	11°41	11°57	29°20	23°41	T 5
W 6	3 0 47	13°29'19	15°50	4° 9	6° 4	18°39	9°18	17° 3	8° 6	19° 7	13°12	11°37	11°54	29°27	23°38	W 6
T 7	3 4 43	14°29'21	27°39	5°49	7°18	19° 8	9°31	17°11	8° 4	19° 9	13°12	11°35	11°51	29°33	23°34	T 7
F 8	3 8 40	15°29'25	9♌36	7°28	8°33	19°36	9°45	17°18	8° 2	19°11	13°12	11°34	11°48	29°40	23°31	F 8
S 9	3 12 36	16°29'31	21°46	9° 7	9°47	20° 4	9°58	17°25	7°59	19°13	13°13	11°34	11°45	29°47	23°28	S 9
S 10	3 16 33	17°29'39	4♍13	10°46	11° 2	20°32	10°11	17°32	7°57	19°15	13°13	11°33	11°41	29°53	23°25	S 10
M11	3 20 29	18°29'49	17° 4	12°25	12°16	21° 0	10°24	17°39	7°55	19°17	13°13	11°31	11°38	29°59	23°22	M11
T 12	3 24 26	19°30'01	0♎21	14° 3	13°30	21°27	10°37	17°47	7°53	19°19	13°14	11°26	11°35	0♋ 7	23°19	T 12
W13	3 28 23	20°30'16	14° 8	15°41	14°45	21°54	10°50	17°54	7°50	19°21	13°14	11°18	11°32	0°13	23°16	W13
T 14	3 32 19	21°30'32	28°23	17°19	15°59	22°21	11° 3	18° 1	7°48	19°23	13°15	11° 8	11°29	0°20	23°12	T 14
F 15	3 36 16	22°30'50	13♏ 2	18°56	17°13	22°47	11°16	18° 8	7°45	19°25	13°15	10°56	11°25	0°27	23° 9	F 15
S 16	3 40 12	23°31'10	27°58	20°33	18°28	23°13	11°29	18°15	7°43	19°27	13°16	10°44	11°22	0°33	23° 6	S 16
S 17	3 44 9	24°31'31	13♐ 2	22°10	19°42	23°39	11°42	18°23	7°41	19°29	13°17	10°34	11°19	0°40	23° 3	S 17
M18	3 48 5	25°31'54	28° 4	23°47	20°57	24° 5	11°55	18°30	7°38	19°31	13°17	10°26	11°16	0°47	23° 0	M18
T 19	3 52 2	26°32'19	12♑54	25°23	22°11	24°30	12° 8	18°37	7°36	19°33	13°18	10°21	11°13	0°53	22°57	T 19
W20	3 55 58	27°32'45	27°27	26°58	23°25	24°55	12°21	18°44	7°33	19°35	13°18	10°18	11°10	1° 0	22°53	W20
T 21	3 59 55	28°33'12	11♒39	28°34	24°40	25°19	12°34	18°51	7°31	19°37	13°19	10°D18	11° 6	1° 7	22°50	T 21
F 22	4 3 52	29°33'41	25°30	0♐ 9	25°54	25°44	12°46	18°58	7°28	19°38	13°20	10°R18	11° 3	1°13	22°47	F 22
S 23	4 7 48	0♐34'11	8♓59	1°44	27° 8	26° 8	12°59	19° 5	7°26	19°40	13°21	10°18	11° 0	1°20	22°44	S 23
S 24	4 11 45	1°34'42	22°11	3°19	28°23	26°31	13°12	19°12	7°23	19°42	13°21	10°16	10°57	1°27	22°41	S 24
M25	4 15 41	2°35'14	5♈ 6	4°54	29°37	26°55	13°25	19°20	7°21	19°44	13°22	10°12	10°54	1°33	22°38	M25
T 26	4 19 38	3°35'47	17°47	6°28	0♑51	27°18	13°38	19°27	7°18	19°45	13°23	10° 5	10°51	1°40	22°35	T 26
W27	4 23 34	4°36'22	0♉18	8° 2	2° 5	27°40	13°50	19°34	7°16	19°47	13°24	9°55	10°47	1°47	22°31	W27
T 28	4 27 31	5°36'58	12°38	9°36	3°20	28° 3	14° 3	19°41	7°13	19°49	13°25	9°43	10°44	1°53	22°28	T 28
F 29	4 31 27	6°37'35	24°49	11°10	4°34	28°24	14°16	19°48	7°11	19°51	13°26	9°31	10°41	2° 0	22°25	F 29
S 30	4 35 24	7♐38'14	6♊53	12♐44	5♑48	28♌46	14♏28	19♏55	7♊ 8	19♎52	13♒27	9♌19	10♌38	2♋ 7	22♉22	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		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	14s19	11n48	4s59	8s18	1n48	20s22	0s17	17n25	1n32	13s17	0n59	14s43	2n 6	21n32	0s 7	6s 0	1n31	22s48	6s14	17n 3	17n 7	19n52	15n43	3s 6	F 1
S 2	14 38	15 2	4 48	8 58	1 44	20 41	0 20	17 17	1 33	13 21	0 59	14 45	2 6	21 32	0 7	6 1	1 31	22 48	6 13	17 7	17 8	19 53	15 42	3 6	S 2
S 3	14 57	17 35	4 25	9 37	1 39	20 58	0 23	17 9	1 35	13 26	0 59	14 47	2 6	21 31	0 7	6 2	1 31	22 47	6 13	17 11	17 9	19 53	15 41	3 6	S 3
M 4	15 15	19 21	3 49	10 17	1 34	21 15	0 25	17 2	1 36	13 30	0 59	14 49	2 6	21 31	0 7	6 3	1 31	22 47	6 13	17 13	17 10	19 54	15 40	3 6	M 4
T 5	15 34	20 16	3 5	10 56	1 28	21 32	0 28	16 54	1 37	13 34	0 59	14 51	2 6	21 31	0 7	6 3	1 31	22 47	6 13	17 15	17 11	19 55	15 39	3 6	T 5
W 6	15 52	20 17	2 12	11 35	1 23	21 47	0 31	16 47	1 39	13 38	0 59	14 53	2 6	21 30	0 7	6 4	1 31	22 47	6 13	17 17	17 12	19 55	15 38	3 6	W 6
T 7	16 10	19 24	1 13	12 14	1 17	22 2	0 33	16 39	1 40	13 42	0 59	14 55	2 6	21 30	0 7	6 5	1 31	22 47	6 13	17 17	17 13	19 56	15 38	3 6	T 7
F 8	16 27	17 39	0 10	12 52	1 11	22 17	0 36	16 31	1 42	13 46	0 59	14 57	2 6	21 30	0 7	6 6	1 31	22 47	6 13	17 17	17 13	19 57	15 37	3 7	F 8
S 9	16 44	15 5	0n54	13 30	1 4	22 31	0 38	16 24	1 43	13 51	0 59	14 59	2 6	21 29	0 7	6 7	1 31	22 46	6 13	17 17	17 14	19 57	15 36	3 7	S 9
S 10	17 2	11 46	1 57	14 7	0 58	22 44	0 41	16 17	1 45	13 55	0 59	15 1	2 6	21 29	0 7	6 7	1 31	22 46	6 13	17 17	17 15	19 58	15 35	3 7	S 10
M11	17 18	7 48	2 56	14 43	0 51	22 57	0 44	16 9	1 46	13 59	0 59	15 3	2 6	21 29	0 7	6 8	1 31	22 46	6 13	17 18	17 16	19 59	15 34	3 7	M11
T 12	17 35	3 21	3 48	15 19	0 45	23 9	0 46	16 2	1 48	14 3	0 59	15 6	2 6	21 28	0 7	6 9	1 31	22 46	6 12	17 20	17 17	19 59	15 33	3 7	T 12
W13	17 51	1s26	4 28	15 54	0 38	23 20	0 49	15 54	1 49	14 7	0 59	15 8	2 6	21 28	0 7	6 9	1 31	22 45	6 12	17 22	17 18	20 0	15 32	3 7	W13
T 14	18 7	6 18	4 54	16 29	0 31	23 31	0 51	15 47	1 51	14 11	0 59	15 9	2 6	21 27	0 7	6 10	1 31	22 45	6 12	17 24	17 19	20 1	15 31	3 7	T 14
F 15	18 22	10 56	5 1	17 2	0 24	23 41	0 54	15 40	1 52	14 15	0 59	15 11	2 6	21 27	0 7	6 11	1 31	22 45	6 12	17 28	17 20	20 1	15 30	3 7	F 15
S 16	18 37	15 0	4 48	17 35	0 18	23 50	0 56	15 33	1 54	14 19	0 59	15 13	2 6	21 27	0 7	6 12	1 31	22 45	6 12	17 31	17 20	20 2	15 30	3 7	S 16
S 17	18 52	18 7	4 15	18 6	0 11	23 58	0 58	15 26	1 55	14 23	0 59	15 15	2 6	21 26	0 7	6 12	1 31	22 44	6 12	17 34	17 21	20 3	15 29	3 8	S 17
M18	19 7	19 59	3 24	18 37	0 4	24 6	1 1	15 19	1 57	14 27	0 59	15 17	2 6	21 26	0 7	6 13	1 31	22 44	6 12	17 36	17 22	20 3	15 28	3 8	M18
T 19	19 21	20 27	2 20	19 7	0s 3	24 13	1 3	15 12	1 58	14 31	0 59	15 19	2 6	21 26	0 7	6 14	1 31	22 44	6 12	17 37	17 23	20 4	15 27	3 8	T 19
W20	19 35	19 32	1 8	19 36	0 10	24 20	1 6	15 5	2 0	14 35	0 59	15 21	2 6	21 25	0 7	6 14	1 31	22 44	6 12	17 38	17 24	20 4	15 26	3 8	W20
T 21	19 48	17 23	0s 7	20 4	0 16	24 25	1 8	14 58	2 2	14 39	0 59	15 23	2 6	21 25	0 7	6 15	1 31	22 43	6 12	17 38	17 25	20 5	15 25	3 8	T 21
F 22	20 1	14 15	1 20	20 31	0 23	24 30	1 10	14 51	2 3	14 43	0 59	15 25	2 6	21 24	0 7	6 16	1 31	22 43	6 11	17 38	17 26	20 6	15 24	3 8	F 22
S 23	20 14	10 27	2 26	20 57	0 29	24 34	1 12	14 45	2 5	14 46	0 59	15 27	2 6	21 24	0 7	6 16	1 31	22 43	6 11	17 38	17 27	20 6	15 24	3 8	S 23
S 24	20 27	6 13	3 23	21 22	0 36	24 38	1 14	14 38	2 6	14 50	0 59	15 29	2 6	21 24	0 7	6 17	1 32	22 42	6 11	17 38	17 27	20 7	15 23	3 8	S 24
M25	20 39	1 47	4 8	21 46	0 42	24 41	1 17	14 32	2 8	14 54	0 59	15 31	2 6	21 23	0 7	6 17	1 32	22 42	6 11	17 40	17 28	20 8	15 22	3 8	M25
T 26	20 50	2n39	4 41	22 9	0 48	24 43	1 19	14 25	2 10	14 58	0 59	15 33	2 6	21 23	0 7	6 18	1 32	22 42	6 11	17 42	17 29	20 8	15 21	3 8	T 26
W27	21 2	6 53	4 59	22 31	0 55	24 44	1 21	14 19	2 12	15 2	0 59	15 35	2 6	21 22	0 7	6 19	1 32	22 41	6 11	17 44	17 30	20 9	15 20	3 8	W27
T 28	21 12	10 48	5 2	22 51	1 1	24 44	1 23	14 13	2 13	15 5	0 59	15 36	2 6	21 22	0 7	6 19	1 32	22 41	6 11	17 47	17 31	20 9	15 19	3 8	T 28
F 29	21 23	14 13	4 52	23 11	1 7	24 44	1 25	14 7	2 15	15 9	0 59	15 38	2 6	21 22	0 7	6 20	1 32	22 41	6 11	17 51	17 32	20 10	15 19	3 8	F 29
S 30	21s33	17n 0	4s29	23s29	1s12	24s43	1s27	14n 1	2n17	15s13	0n59	15s40	2n 6	21n21	0s 7	6s20	1n32	22s40	6s11	17n54	17n33	20n11	15n18	3s 8	S 30

Julian Day Number = 2553386.5, Delta T = 262.05 sec
Ecliptic obliquity = 23°24'05, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°38'15, Lahiri = 27°45'16

ASTRODIENST EPHEMERIS for the year 2278
geocentric

DECEMBER 2278 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 21	8♐38'54	18♊50	14♐17	7♑ 2	29♌ 7	14♏41	20♏ 2	7°R 6	19♎54	13♒27	9°R 8	10♌35	2♋14	22°R19	S 1
M 2	4 43 17	9°39'36	0♋42	15°51	8°16	29°28	14°53	20° 9	7♊ 3	19°55	13°28	8♌59	10°31	2°20	22♉16	M 2
T 3	4 47 14	10°40'19	12°31	17°24	9°31	29°48	15° 6	20°15	7° 1	19°57	13°29	8°53	10°28	2°27	22°13	T 3
W 4	4 51 10	11°41'03	24°18	18°57	10°45	0♍ 8	15°18	20°22	6°58	19°59	13°30	8°49	10°25	2°34	22°10	W 4
T 5	4 55 7	12°41'49	6♌ 8	20°30	11°59	0°28	15°31	20°29	6°55	20° 0	13°31	8°D48	10°22	2°40	22° 7	T 5
F 6	4 59 3	13°42'36	18° 5	22° 3	13°13	0°47	15°43	20°36	6°53	20° 2	13°33	8°48	10°19	2°47	22° 4	F 6
S 7	5 3 0	14°43'24	0♍12	23°36	14°27	1° 5	15°55	20°43	6°50	20° 3	13°34	8°49	10°16	2°54	22° 2	S 7
S 8	5 6 57	15°44'14	12°36	25° 9	15°41	1°24	16° 7	20°50	6°48	20° 5	13°35	8°R50	10°12	3° 0	21°59	S 8
M 9	5 10 53	16°45'05	25°21	26°42	16°55	1°41	16°20	20°56	6°46	20° 6	13°36	8°49	10° 9	3° 7	21°56	M 9
T 10	5 14 50	17°45'58	8♎32	28°15	18° 9	1°59	16°32	21° 3	6°43	20° 7	13°37	8°47	10° 6	3°14	21°53	T 10
W11	5 18 46	18°46'52	22°12	29°48	19°24	2°16	16°44	21°10	6°41	20° 9	13°38	8°43	10° 3	3°20	21°50	W11
T 12	5 22 43	19°47'47	6♏22	1♑20	20°38	2°32	16°56	21°16	6°38	20°10	13°39	8°37	10° 0	3°27	21°48	T 12
F 13	5 26 39	20°48'44	21° 0	2°53	21°52	2°48	17° 8	21°23	6°36	20°11	13°41	8°29	9°56	3°34	21°45	F 13
S 14	5 30 36	21°49'41	5♐59	4°25	23° 6	3° 3	17°20	21°30	6°33	20°13	13°42	8°22	9°53	3°40	21°42	S 14
S 15	5 34 32	22°50'40	21°13	5°57	24°20	3°18	17°32	21°36	6°31	20°14	13°43	8°15	9°50	3°47	21°40	S 15
M16	5 38 29	23°51'40	6♑29	7°29	25°34	3°32	17°44	21°43	6°29	20°15	13°45	8° 9	9°47	3°54	21°37	M16
T 17	5 42 26	24°52'40	21°38	9° 1	26°48	3°46	17°55	21°49	6°26	20°16	13°46	8° 6	9°44	4° 0	21°35	T 17
W18	5 46 22	25°53'42	6♒30	10°32	28° 1	3°59	18° 7	21°55	6°24	20°18	13°47	8°D 5	9°41	4° 7	21°32	W18
T 19	5 50 19	26°54'43	21° 0	12° 3	29°15	4°11	18°19	22° 2	6°21	20°19	13°49	8° 6	9°37	4°14	21°30	T 19
F 20	5 54 15	27°55'45	5♓ 3	13°33	0♒29	4°23	18°30	22° 8	6°19	20°20	13°50	8° 7	9°34	4°20	21°27	F 20
S 21	5 58 12	28°56'48	18°41	15° 3	1°43	4°35	18°42	22°14	6°17	20°21	13°51	8° 8	9°31	4°27	21°25	S 21
S 22	6 2 8	29°57'51	1♈54	16°32	2°57	4°46	18°53	22°21	6°15	20°22	13°53	8°R 9	9°28	4°34	21°23	S 22
M23	6 6 5	0♑58'54	14°47	18° 0	4°11	4°56	19° 5	22°27	6°12	20°23	13°54	8° 8	9°25	4°40	21°20	M23
T 24	6 10 1	1°59'57	27°21	19°27	5°24	5° 6	19°16	22°33	6°10	20°24	13°56	8° 5	9°22	4°47	21°18	T 24
W25	6 13 58	3° 1'01	9♉41	20°53	6°38	5°15	19°27	22°39	6° 8	20°25	13°57	8° 0	9°18	4°54	21°16	W25
T 26	6 17 55	4° 2'05	21°50	22°17	7°52	5°23	19°38	22°45	6° 6	20°26	13°59	7°55	9°15	5° 0	21°14	T 26
F 27	6 21 51	5° 3'10	3♊51	23°39	9° 5	5°31	19°49	22°51	6° 4	20°27	14° 0	7°49	9°12	5° 7	21°12	F 27
S 28	6 25 48	6° 4'15	15°47	24°59	10°19	5°38	20° 0	22°57	6° 2	20°28	14° 2	7°42	9° 9	5°14	21°10	S 28
S 29	6 29 44	7° 5'20	27°38	26°17	11°32	5°44	20°11	23° 3	6° 0	20°28	14° 3	7°37	9° 6	5°20	21° 8	S 29
M30	6 33 41	8° 6'26	9♋27	27°32	12°46	5°50	20°22	23° 8	5°58	20°29	14° 5	7°33	9° 2	5°27	21° 6	M30
T 31	6 37 37	9♑ 7'31	21♋16	28♑43	13♒59	5♍55	20♏33	23♏14	5♊56	20♎30	14♒ 6	7♌30	8♌59	5♋34	21♉ 4	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	21s43	19n 3	3s54	23s46	1s18	24s41	1s28	13n55	2n19	15s16	0n59	15s42	2n 6	21n21	0s 7	6s21	1n32	22s40	6s11	17n57	17n33	20n11	15n17	3s 8
M 2	21 52	20 15	3 9	24 2	1 23	24 39	1 30	13 50	2 20	15 20	0 59	15 44	2 6	21 20	0 7	6 22	1 32	22 40	6 11	17 59	17 34	20 12	15 16	3 8
T 3	22 1	20 33	2 16	24 16	1 28	24 35	1 32	13 44	2 22	15 24	0 59	15 45	2 6	21 20	0 7	6 22	1 32	22 39	6 10	18 1	17 35	20 12	15 15	3 8
W 4	22 9	19 57	1 17	24 30	1 34	24 31	1 34	13 39	2 24	15 27	0 59	15 47	2 6	21 19	0 7	6 23	1 32	22 39	6 10	18 2	17 36	20 13	15 15	3 8
T 5	22 17	18 29	0 14	24 42	1 38	24 27	1 35	13 34	2 26	15 31	0 59	15 49	2 6	21 19	0 7	6 23	1 32	22 39	6 10	18 2	17 37	20 13	15 14	3 9
F 6	22 25	16 11	0n50	24 53	1 43	24 21	1 37	13 29	2 28	15 34	0 59	15 51	2 6	21 19	0 7	6 24	1 32	22 38	6 10	18 2	17 38	20 14	15 13	3 9
S 7	22 32	13 8	1 53	25 2	1 47	24 15	1 38	13 24	2 29	15 38	0 59	15 52	2 6	21 18	0 7	6 24	1 32	22 38	6 10	18 2	17 39	20 15	15 12	3 9
S 8	22 38	9 28	2 52	25 10	1 52	24 8	1 40	13 19	2 31	15 41	0 59	15 54	2 6	21 18	0 7	6 25	1 32	22 37	6 10	18 1	17 39	20 15	15 12	3 9
M 9	22 45	5 16	3 44	25 17	1 55	24 0	1 41	13 15	2 33	15 45	0 59	15 56	2 6	21 17	0 7	6 25	1 32	22 37	6 10	18 1	17 40	20 16	15 11	3 9
T 10	22 50	0 42	4 26	25 22	1 59	23 52	1 42	13 10	2 35	15 48	0 59	15 58	2 6	21 17	0 7	6 26	1 32	22 37	6 10	18 2	17 41	20 16	15 10	3 9
W11	22 56	4s 4	4 55	25 27	2 2	23 43	1 44	13 6	2 37	15 52	0 59	15 59	2 6	21 17	0 7	6 26	1 32	22 36	6 10	18 3	17 42	20 17	15 10	3 9
T 12	23 1	8 46	5 8	25 29	2 5	23 33	1 45	13 2	2 39	15 55	0 59	16 1	2 6	21 16	0 7	6 27	1 32	22 36	6 10	18 5	17 43	20 17	15 9	3 9
F 13	23 5	13 8	5 1	25 30	2 8	23 22	1 46	12 58	2 41	15 58	1 0	16 3	2 7	21 16	0 7	6 27	1 32	22 35	6 10	18 7	17 44	20 18	15 8	3 9
S 14	23 9	16 47	4 33	25 30	2 11	23 11	1 47	12 54	2 43	16 2	1 0	16 4	2 7	21 15	0 7	6 28	1 32	22 35	6 10	18 9	17 45	20 18	15 8	3 9
S 15	23 12	19 21	3 46	25 29	2 13	22 59	1 48	12 51	2 45	16 5	1 0	16 6	2 7	21 15	0 7	6 28	1 32	22 34	6 10	18 11	17 45	20 19	15 7	3 9
M16	23 16	20 32	2 43	25 25	2 14	22 47	1 49	12 47	2 47	16 8	1 0	16 7	2 7	21 15	0 7	6 28	1 33	22 34	6 10	18 12	17 46	20 19	15 6	3 8
T 17	23 18	20 13	1 28	25 21	2 16	22 33	1 50	12 44	2 49	16 11	1 0	16 9	2 7	21 14	0 7	6 29	1 33	22 34	6 10	18 13	17 47	20 20	15 6	3 8
W18	23 20	18 29	0 9	25 15	2 16	22 20	1 50	12 41	2 51	16 15	1 0	16 10	2 7	21 14	0 7	6 29	1 33	22 33	6 9	18 13	17 48	20 20	15 5	3 8
T 19	23 22	15 35	1s10	25 8	2 17	22 5	1 51	12 39	2 53	16 18	1 0	16 12	2 7	21 13	0 7	6 30	1 33	22 33	6 9	18 13	17 49	20 21	15 4	3 8
F 20	23 23	11 50	2 21	24 59	2 17	21 50	1 52	12 36	2 55	16 21	1 0	16 14	2 7	21 13	0 7	6 30	1 33	22 32	6 9	18 13	17 50	20 21	15 4	3 8
S 21	23 24	7 35	3 23	24 48	2 16	21 34	1 52	12 34	2 57	16 24	1 0	16 15	2 7	21 13	0 7	6 30	1 33	22 32	6 9	18 12	17 50	20 22	15 3	3 8
S 22	23 24	3 5	4 12	24 37	2 15	21 18	1 53	12 32	3 0	16 27	1 0	16 16	2 7	21 12	0 7	6 31	1 33	22 31	6 9	18 12	17 51	20 22	15 3	3 8
M23	23 24	1n25	4 46	24 23	2 13	21 1	1 53	12 30	3 2	16 30	1 0	16 18	2 7	21 12	0 7	6 31	1 33	22 31	6 9	18 12	17 52	20 23	15 2	3 8
T 24	23 23	5 45	5 6	24 9	2 11	20 43	1 53	12 29	3 4	16 33	1 0	16 19	2 7	21 12	0 7	6 31	1 33	22 30	6 9	18 13	17 53	20 23	15 2	3 8
W25	23 22	9 46	5 11	23 53	2 8	20 25	1 53	12 27	3 6	16 36	1 0	16 21	2 8	21 11	0 7	6 32	1 33	22 30	6 9	18 14	17 54	20 24	15 1	3 8
T 26	23 20	13 19	5 2	23 36	2 4	20 6	1 53	12 26	3 8	16 39	1 0	16 22	2 8	21 11	0 7	6 32	1 33	22 29	6 9	18 16	17 55	20 24	15 1	3 8
F 27	23 18	16 18	4 40	23 18	1 59	19 47	1 53	12 26	3 10	16 42	1 0	16 24	2 8	21 11	0 7	6 32	1 33	22 29	6 9	18 17	17 56	20 25	15 0	3 8
S 28	23 16	18 34	4 6	22 58	1 54	19 27	1 53	12 25	3 13	16 45	1 0	16 25	2 8	21 10	0 7	6 32	1 33	22 28	6 9	18 19	17 56	20 25	15 0	3 8
S 29	23 13	20 2	3 21	22 38	1 48	19 6	1 53	12 25	3 15	16 47	1 0	16 26	2 8	21 10	0 7	6 33	1 33	22 28	6 9	18 20	17 57	20 26	14 59	3 8
M30	23 9	20 37	2 28	22 16	1 41	18 45	1 53	12 25	3 17	16 50	1 1	16 28	2 8	21 9	0 7	6 33	1 33	22 27	6 9	18 21	17 58	20 26	14 59	3 8
T 31	23s 5	20n16	1s28	21s54	1s33	18s24	1s53	12n25	3n19	16s53	1n 1	16s29	2n 8	21n 9	0s 7	6s33	1n33	22s27	6s 9	18n22	17n59	20n27	14n58	3s 8

Julian Day Number = 2553416.5, Delta T = 262.18 sec
Ecliptic obliquity = 23°24'04, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°38'19, Lahiri = 27°45'20