Astrodienst Ephemeris Tables

for the year 2078

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 2078
geocentric

JANUARY 2078 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 44 14	10♑56'54	12♌25	22♐53	26°R13	20♎14	4♐49	13♑18	22♑42	27°R52	10♈ 3	27°R50	26♉25	17♎17	29°R 2	S 1
S 2	6 48 10	11°58'02	25°12	24°19	25♐48	20°44	5° 1	13°25	22°45	27♋50	10° 3	27♉42	26°22	17°24	29♈ 1	S 2
M 3	6 52 7	12°59'10	7♍41	25°45	25°25	21°14	5°13	13°32	22°49	27°49	10° 3	27°35	26°19	17°31	29° 1	M 3
T 4	6 56 3	14° 0'19	19°53	27°12	25° 4	21°44	5°25	13°39	22°52	27°47	10° 4	27°30	26°15	17°37	29° 1	T 4
W 5	7 0 0	15° 1'28	1♎53	28°40	24°46	22°13	5°36	13°47	22°56	27°45	10° 4	27°27	26°12	17°44	29° 0	W 5
T 6	7 3 57	16° 2'37	13°45	0♑ 8	24°30	22°43	5°48	13°54	22°59	27°44	10° 4	27°D26	26° 9	17°51	29° 0	T 6
F 7	7 7 53	17° 3'46	25°34	1°36	24°16	23°12	6° 0	14° 1	23° 3	27°42	10° 4	27°26	26° 6	17°57	29° 0	F 7
S 8	7 11 50	18° 4'55	7♏26	3° 6	24° 5	23°41	6°11	14° 8	23° 7	27°40	10° 5	27°27	26° 3	18° 4	29° 0	S 8
S 9	7 15 46	19° 6'04	19°25	4°35	23°57	24°10	6°23	14°15	23°10	27°39	10° 5	27°28	26° 0	18°11	29°D 0	S 9
M10	7 19 43	20° 7'14	1♐37	6° 6	23°51	24°39	6°34	14°22	23°14	27°37	10° 6	27°R28	25°56	18°17	29° 0	M10
T 11	7 23 39	21° 8'24	14° 6	7°37	23°47	25° 7	6°45	14°29	23°17	27°35	10° 6	27°27	25°53	18°24	29° 0	T 11
W12	7 27 36	22° 9'33	26°54	9° 8	23°D46	25°36	6°57	14°36	23°21	27°34	10° 6	27°23	25°50	18°31	29° 0	W12
T 13	7 31 32	23°10'43	10♑ 3	10°39	23°47	26° 4	7° 8	14°43	23°24	27°32	10° 7	27°17	25°47	18°37	29° 1	T 13
F 14	7 35 29	24°11'52	23°32	12°12	23°51	26°32	7°19	14°50	23°28	27°30	10° 7	27° 8	25°44	18°44	29° 1	F 14
S 15	7 39 26	25°13'00	7♒20	13°44	23°57	27° 0	7°30	14°57	23°31	27°28	10° 8	26°58	25°40	18°51	29° 1	S 15
S 16	7 43 22	26°14'09	21°22	15°18	24° 6	27°27	7°41	15° 4	23°35	27°27	10° 8	26°48	25°37	18°57	29° 2	S 16
M17	7 47 19	27°15'16	5♓34	16°51	24°16	27°55	7°52	15°11	23°39	27°25	10° 9	26°38	25°34	19° 4	29° 2	M17
T 18	7 51 15	28°16'23	19°50	18°25	24°29	28°22	8° 2	15°18	23°42	27°23	10° 9	26°30	25°31	19°11	29° 3	T 18
W19	7 55 12	29°17'29	4♈ 6	20° 0	24°44	28°49	8°13	15°25	23°46	27°22	10°10	26°25	25°28	19°17	29° 3	W19
T 20	7 59 8	0♒18'34	18°18	21°35	25° 1	29°15	8°23	15°32	23°49	27°20	10°11	26°23	25°25	19°24	29° 4	T 20
F 21	8 3 5	1°19'38	2♉25	23°11	25°20	29°42	8°34	15°39	23°53	27°18	10°11	26°D22	25°21	19°31	29° 4	F 21
S 22	8 7 1	2°20'42	16°25	24°47	25°41	0♏ 8	8°44	15°46	23°56	27°17	10°12	26°22	25°18	19°37	29° 5	S 22
S 23	8 10 58	3°21'44	0♊19	26°24	26° 3	0°34	8°55	15°53	24° 0	27°15	10°13	26°R23	25°15	19°44	29° 6	S 23
M24	8 14 55	4°22'46	14° 5	28° 1	26°28	1° 0	9° 5	16° 0	24° 3	27°13	10°13	26°21	25°12	19°51	29° 7	M24
T 25	8 18 51	5°23'47	27°44	29°40	26°54	1°26	9°15	16° 7	24° 7	27°12	10°14	26°18	25° 9	19°57	29° 8	T 25
W26	8 22 48	6°24'46	11♋14	1♒18	27°22	1°51	9°25	16°13	24°10	27°10	10°15	26°11	25° 6	20° 4	29° 9	W26
T 27	8 26 44	7°25'45	24°33	2°57	27°52	2°16	9°35	16°20	24°14	27° 8	10°16	26° 1	25° 2	20°11	29°10	T 27
F 28	8 30 41	8°26'43	7♌40	4°37	28°23	2°41	9°44	16°27	24°17	27° 7	10°16	25°49	24°59	20°17	29°11	F 28
S 29	8 34 37	9°27'40	20°32	6°18	28°56	3° 6	9°54	16°34	24°21	27° 5	10°17	25°36	24°56	20°24	29°12	S 29
S 30	8 38 34	10°28'36	3♍11	7°59	29°30	3°30	10° 4	16°40	24°24	27° 3	10°18	25°23	24°53	20°31	29°13	S 30
M31	8 42 31	11♒29'31	15♍34	9♒41	0♑ 5	3♏54	10♐13	16♑47	24♑28	27♋ 2	10♈19	25♉11	24♉50	20♎37	29♈15	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	22s59	21n50	4n58	22s48	0n26	19s 5	4n18	6s11	1n51	20s20	0n46	22s21	0n25	21s59	0s28	20n 7	0s29	11s33	16s53	19n40	19n21	3s47	10n56	0s12
S 2	22 53	17 57	5 8	23 0	0 18	18 54	4 28	6 22	1 52	20 22	0 46	22 20	0 25	21 58	0 28	20 7	0 29	11 32	16 53	19 38	19 20	3 50	10 56	0 12
M 3	22 48	13 23	5 4	23 11	0 11	18 44	4 37	6 33	1 52	20 24	0 46	22 19	0 25	21 57	0 28	20 7	0 29	11 32	16 53	19 37	19 19	3 53	10 55	0 13
T 4	22 42	8 23	4 46	23 21	0 3	18 35	4 46	6 44	1 52	20 26	0 46	22 19	0 25	21 57	0 28	20 8	0 29	11 32	16 52	19 36	19 18	3 56	10 55	0 13
W 5	22 35	3 9	4 15	23 30	0s 4	18 26	4 54	6 54	1 53	20 28	0 46	22 18	0 25	21 56	0 28	20 8	0 29	11 31	16 52	19 35	19 18	3 59	10 55	0 13
T 6	22 28	2s 8	3 34	23 38	0 12	18 18	5 1	7 5	1 53	20 30	0 46	22 17	0 25	21 56	0 28	20 8	0 29	11 31	16 52	19 35	19 17	4 3	10 55	0 13
F 7	22 21	7 21	2 43	23 44	0 19	18 10	5 8	7 15	1 53	20 32	0 46	22 17	0 25	21 55	0 28	20 9	0 29	11 30	16 51	19 35	19 16	4 6	10 55	0 13
S 8	22 13	12 19	1 46	23 50	0 26	18 4	5 15	7 26	1 54	20 34	0 46	22 16	0 25	21 55	0 28	20 9	0 29	11 30	16 51	19 35	19 16	4 9	10 55	0 13
S 9	22 4	16 53	0 43	23 54	0 33	17 58	5 20	7 36	1 54	20 36	0 46	22 15	0 25	21 54	0 28	20 9	0 29	11 29	16 50	19 35	19 15	4 12	10 55	0 13
M10	21 55	20 50	0s22	23 57	0 40	17 53	5 25	7 46	1 54	20 38	0 46	22 15	0 25	21 53	0 28	20 10	0 29	11 29	16 50	19 35	19 14	4 15	10 55	0 13
T 11	21 46	23 56	1 28	23 59	0 46	17 48	5 29	7 56	1 55	20 40	0 46	22 14	0 25	21 53	0 28	20 10	0 29	11 28	16 50	19 35	19 13	4 18	10 55	0 13
W12	21 37	25 55	2 31	23 59	0 52	17 44	5 33	8 6	1 55	20 42	0 46	22 13	0 25	21 52	0 28	20 10	0 29	11 28	16 49	19 34	19 13	4 22	10 55	0 13
T 13	21 26	26 30	3 28	23 59	0 59	17 41	5 36	8 16	1 55	20 44	0 46	22 13	0 25	21 52	0 28	20 11	0 29	11 27	16 49	19 33	19 12	4 25	10 55	0 13
F 14	21 16	25 33	4 14	23 57	1 5	17 38	5 39	8 26	1 56	20 46	0 46	22 12	0 24	21 51	0 28	20 11	0 29	11 27	16 49	19 31	19 11	4 28	10 55	0 13
S 15	21 5	23 3	4 47	23 53	1 10	17 36	5 41	8 36	1 56	20 47	0 46	22 11	0 24	21 50	0 28	20 11	0 29	11 26	16 48	19 28	19 10	4 31	10 55	0 13
S 16	20 54	19 9	5 3	23 48	1 16	17 35	5 43	8 45	1 56	20 49	0 46	22 11	0 24	21 50	0 28	20 12	0 29	11 26	16 48	19 26	19 9	4 34	10 55	0 13
M17	20 42	14 7	5 0	23 42	1 21	17 34	5 44	8 55	1 57	20 51	0 46	22 10	0 24	21 49	0 28	20 12	0 29	11 25	16 48	19 24	19 9	4 38	10 55	0 13
T 18	20 30	8 18	4 39	23 35	1 26	17 34	5 45	9 4	1 57	20 53	0 47	22 9	0 24	21 49	0 28	20 12	0 29	11 25	16 47	19 22	19 8	4 41	10 55	0 13
W19	20 17	2 4	4 1	23 26	1 31	17 34	5 46	9 13	1 57	20 54	0 47	22 8	0 24	21 48	0 28	20 13	0 29	11 24	16 47	19 21	19 7	4 44	10 55	0 14
T 20	20 5	4n16	3 8	23 16	1 35	17 35	5 46	9 22	1 57	20 56	0 47	22 8	0 24	21 47	0 28	20 13	0 29	11 24	16 47	19 20	19 6	4 47	10 56	0 14
F 21	19 51	10 22	2 4	23 4	1 39	17 36	5 46	9 31	1 58	20 57	0 47	22 7	0 24	21 47	0 28	20 13	0 29	11 23	16 46	19 20	19 6	4 50	10 56	0 14
S 22	19 38	15 54	0 53	22 51	1 43	17 37	5 45	9 40	1 58	20 59	0 47	22 6	0 24	21 46	0 28	20 14	0 29	11 23	16 46	19 20	19 5	4 53	10 56	0 14
S 23	19 24	20 33	0n21	22 37	1 47	17 39	5 44	9 49	1 58	21 1	0 47	22 5	0 24	21 46	0 28	20 14	0 29	11 22	16 46	19 20	19 4	4 57	10 56	0 14
M24	19 9	24 1	1 33	22 21	1 50	17 40	5 43	9 58	1 59	21 2	0 47	22 5	0 24	21 45	0 28	20 14	0 29	11 22	16 45	19 20	19 3	5 0	10 56	0 14
T 25	18 55	26 3	2 38	22 4	1 53	17 43	5 41	10 6	1 59	21 4	0 47	22 4	0 24	21 44	0 28	20 15	0 29	11 21	16 45	19 19	19 3	5 3	10 57	0 14
W26	18 40	26 31	3 34	21 45	1 56	17 45	5 39	10 15	1 59	21 5	0 47	22 3	0 24	21 44	0 28	20 15	0 29	11 20	16 45	19 17	19 2	5 6	10 57	0 14
T 27	18 24	25 25	4 17	21 25	1 58	17 48	5 37	10 23	2 0	21 6	0 47	22 2	0 24	21 43	0 28	20 15	0 29	11 20	16 44	19 15	19 1	5 9	10 57	0 14
F 28	18 9	22 57	4 46	21 3	2 0	17 51	5 35	10 31	2 0	21 8	0 47	22 2	0 24	21 43	0 28	20 16	0 29	11 19	16 44	19 12	19 0	5 12	10 58	0 14
S 29	17 53	19 22	5 0	20 40	2 2	17 54	5 32	10 39	2 0	21 9	0 47	22 1	0 24	21 42	0 28	20 16	0 29	11 19	16 44	19 9	19 0	5 16	10 58	0 14
S 30	17 36	14 58	4 58	20 15	2 4	17 57	5 29	10 47	2 0	21 11	0 47	22 0	0 24	21 41	0 28	20 16	0 29	11 18	16 43	19 6	18 59	5 19	10 58	0 14
M31	17s20	10n 1	4n42	19s49	2s 4	18s 0	5n26	10s55	2n 1	21s12	0n47	21s59	0n23	21s41	0s28	20n17	0s29	11s17	16s43	19n 3	18n58	5s22	10n59	0s14

Julian Day Number = 2480034.5, Delta T = 83.94 sec
Ecliptic obliquity = 23°25'49, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°49'48, Lahiri = 24°56'49

ASTRODIENST EPHEMERIS for the year 2078
geocentric

FEBRUARY 2078 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 46 27	12♒30'25	27♍44	11♒23	0♑42	4♏18	10♐22	16♑54	24♑31	27°R 0	10♈20	25°R 1	24♉46	20♎44	29♈16	T 1
W 2	8 50 24	13°31'18	9♎42	13° 7	1°20	4°41	10°32	17° 0	24°35	26♋58	10°20	24♉54	24°43	20°51	29°17	W 2
T 3	8 54 20	14°32'11	21°33	14°51	2° 0	5° 5	10°41	17° 7	24°38	26°57	10°21	24°49	24°40	20°57	29°19	T 3
F 4	8 58 17	15°33'03	3♏22	16°35	2°40	5°28	10°50	17°13	24°41	26°55	10°22	24°47	24°37	21° 4	29°20	F 4
S 5	9 2 13	16°33'54	15°12	18°21	3°22	5°50	10°58	17°20	24°45	26°54	10°23	24°D46	24°34	21°11	29°22	S 5
S 6	9 6 10	17°34'44	27°10	20° 7	4° 5	6°13	11° 7	17°26	24°48	26°52	10°24	24°R46	24°31	21°17	29°23	S 6
M 7	9 10 6	18°35'33	9♐21	21°53	4°49	6°35	11°16	17°33	24°51	26°50	10°25	24°46	24°27	21°24	29°25	M 7
T 8	9 14 3	19°36'21	21°50	23°40	5°34	6°56	11°24	17°39	24°55	26°49	10°26	24°43	24°24	21°31	29°26	T 8
W 9	9 18 0	20°37'09	4♑42	25°28	6°20	7°18	11°33	17°46	24°58	26°47	10°27	24°39	24°21	21°37	29°28	W 9
T 10	9 21 56	21°37'55	18° 0	27°17	7° 6	7°39	11°41	17°52	25° 1	26°46	10°28	24°31	24°18	21°44	29°30	T 10
F 11	9 25 53	22°38'40	1♒43	29° 5	7°54	7°59	11°49	17°58	25° 5	26°44	10°29	24°21	24°15	21°51	29°32	F 11
S 12	9 29 49	23°39'24	15°51	0♓54	8°42	8°20	11°57	18° 4	25° 8	26°43	10°30	24° 9	24°12	21°57	29°34	S 12
S 13	9 33 46	24°40'07	0♓18	2°44	9°32	8°40	12° 5	18°11	25°11	26°41	10°31	23°56	24° 8	22° 4	29°35	S 13
M14	9 37 42	25°40'48	14°57	4°33	10°22	8°59	12°13	18°17	25°14	26°40	10°32	23°44	24° 5	22°11	29°37	M14
T 15	9 41 39	26°41'28	29°41	6°23	11°13	9°18	12°20	18°23	25°17	26°39	10°33	23°35	24° 2	22°17	29°39	T 15
W16	9 45 35	27°42'06	14♈22	8°12	12° 4	9°37	12°28	18°29	25°21	26°37	10°35	23°28	23°59	22°24	29°42	W16
T 17	9 49 32	28°42'42	28°53	10° 1	12°56	9°55	12°35	18°35	25°24	26°36	10°36	23°24	23°56	22°31	29°44	T 17
F 18	9 53 29	29°43'17	13♉11	11°49	13°49	10°13	12°42	18°41	25°27	26°34	10°37	23°22	23°52	22°37	29°46	F 18
S 19	9 57 25	0♓43'50	27°13	13°36	14°43	10°31	12°49	18°47	25°30	26°33	10°38	23°22	23°49	22°44	29°48	S 19
S 20	10 1 22	1°44'21	11♊ 1	15°21	15°37	10°48	12°56	18°53	25°33	26°32	10°39	23°22	23°46	22°51	29°50	S 20
M21	10 5 18	2°44'50	24°34	17° 5	16°32	11° 5	13° 3	18°58	25°36	26°30	10°40	23°20	23°43	22°57	29°53	M21
T 22	10 9 15	3°45'17	7♋53	18°47	17°27	11°21	13° 9	19° 4	25°39	26°29	10°42	23°16	23°40	23° 4	29°55	T 22
W23	10 13 11	4°45'43	21° 1	20°26	18°23	11°37	13°16	19°10	25°42	26°28	10°43	23°10	23°37	23°11	29°57	W23
T 24	10 17 8	5°46'07	3♌58	22° 1	19°19	11°52	13°22	19°15	25°45	26°27	10°44	23° 0	23°33	23°17	29°59	T 24
F 25	10 21 4	6°46'28	16°43	23°33	20°16	12° 7	13°28	19°21	25°48	26°25	10°45	22°48	23°30	23°24	0♉ 2	F 25
S 26	10 25 1	7°46'49	29°18	25° 0	21°14	12°22	13°34	19°26	25°51	26°24	10°46	22°35	23°27	23°31	0° 5	S 26
S 27	10 28 58	8°47'07	11♍41	26°23	22°11	12°36	13°40	19°32	25°53	26°23	10°48	22°21	23°24	23°37	0° 7	S 27
M28	10 32 54	9♓47'23	23♍54	27♓39	23♑10	12♏49	13♐46	19♑37	25♑56	26♋22	10♈49	22♉ 9	23♉21	23♎44	0♉10	M28

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	17s 3	4n47	4n14	19s21	2s 5	18s 3	5n23	11s 3	2n 1	21s13	0n47	21s59	0n23	21s40	0s28	20n17	0s29	11s17	16s43	19n 1	18n57	5s25	10n59	0s14
W 2	16 45	0s33	3 35	18 52	2 5	18 6	5 19	11 11	2 1	21 15	0 47	21 58	0 23	21 40	0 28	20 17	0 29	11 16	16 42	18 59	18 57	5 28	10 59	0 14
T 3	16 28	5 50	2 46	18 22	2 5	18 10	5 15	11 18	2 1	21 16	0 47	21 57	0 23	21 39	0 28	20 18	0 29	11 16	16 42	18 58	18 56	5 31	11 0	0 14
F 4	16 10	10 54	1 51	17 50	2 4	18 13	5 12	11 25	2 2	21 17	0 47	21 56	0 23	21 38	0 28	20 18	0 29	11 15	16 42	18 57	18 55	5 35	11 0	0 15
S 5	15 52	15 35	0 51	17 16	2 3	18 16	5 8	11 33	2 2	21 18	0 47	21 55	0 23	21 38	0 28	20 18	0 28	11 14	16 42	18 57	18 54	5 38	11 1	0 15
S 6	15 34	19 43	0s13	16 41	2 1	18 19	5 3	11 40	2 2	21 19	0 47	21 55	0 23	21 37	0 28	20 19	0 28	11 14	16 41	18 57	18 53	5 41	11 1	0 15
M 7	15 15	23 6	1 16	16 5	1 59	18 22	4 59	11 47	2 2	21 20	0 47	21 54	0 23	21 37	0 28	20 19	0 28	11 13	16 41	18 57	18 53	5 44	11 2	0 15
T 8	14 56	25 28	2 18	15 27	1 56	18 24	4 55	11 54	2 3	21 22	0 47	21 53	0 23	21 36	0 28	20 19	0 28	11 12	16 41	18 57	18 52	5 47	11 2	0 15
W 9	14 37	26 35	3 14	14 48	1 53	18 27	4 50	12 0	2 3	21 23	0 47	21 52	0 23	21 35	0 28	20 20	0 28	11 12	16 40	18 55	18 51	5 50	11 3	0 15
T 10	14 17	26 13	4 2	14 7	1 49	18 29	4 46	12 7	2 3	21 24	0 47	21 52	0 23	21 35	0 28	20 20	0 28	11 11	16 40	18 54	18 50	5 54	11 4	0 15
F 11	13 58	24 16	4 37	13 25	1 45	18 31	4 41	12 13	2 3	21 25	0 47	21 51	0 23	21 34	0 28	20 20	0 28	11 11	16 40	18 51	18 50	5 57	11 4	0 15
S 12	13 38	20 48	4 57	12 42	1 40	18 33	4 36	12 20	2 3	21 26	0 47	21 50	0 23	21 34	0 28	20 20	0 28	11 10	16 40	18 48	18 49	6 0	11 5	0 15
S 13	13 18	16 0	4 58	11 57	1 34	18 35	4 31	12 26	2 4	21 27	0 48	21 49	0 23	21 33	0 28	20 21	0 28	11 9	16 39	18 45	18 48	6 3	11 5	0 15
M14	12 57	10 14	4 40	11 12	1 28	18 36	4 26	12 32	2 4	21 28	0 48	21 48	0 23	21 33	0 28	20 21	0 28	11 9	16 39	18 42	18 47	6 6	11 6	0 15
T 15	12 37	3 51	4 3	10 25	1 21	18 38	4 21	12 38	2 4	21 29	0 48	21 48	0 23	21 32	0 28	20 21	0 28	11 8	16 39	18 40	18 46	6 9	11 7	0 15
W16	12 16	2n44	3 10	9 37	1 13	18 38	4 16	12 43	2 4	21 30	0 48	21 47	0 23	21 31	0 28	20 22	0 28	11 7	16 39	18 38	18 46	6 13	11 7	0 15
T 17	11 55	9 7	2 6	8 49	1 5	18 39	4 10	12 49	2 4	21 30	0 48	21 46	0 23	21 31	0 28	20 22	0 28	11 7	16 38	18 37	18 45	6 16	11 8	0 15
F 18	11 34	14 56	0 54	8 0	0 56	18 39	4 5	12 55	2 4	21 31	0 48	21 45	0 23	21 30	0 28	20 22	0 28	11 6	16 38	18 37	18 44	6 19	11 9	0 15
S 19	11 13	19 52	0n20	7 10	0 46	18 39	4 0	13 0	2 5	21 32	0 48	21 45	0 22	21 30	0 28	20 22	0 28	11 5	16 38	18 36	18 43	6 22	11 9	0 15
S 20	10 51	23 36	1 32	6 20	0 36	18 38	3 54	13 5	2 5	21 33	0 48	21 44	0 22	21 29	0 28	20 23	0 28	11 5	16 38	18 36	18 42	6 25	11 10	0 16
M21	10 29	25 56	2 37	5 29	0 25	18 37	3 49	13 10	2 5	21 34	0 48	21 43	0 22	21 29	0 28	20 23	0 28	11 4	16 38	18 36	18 42	6 28	11 11	0 16
T 22	10 8	26 44	3 32	4 39	0 14	18 36	3 43	13 15	2 5	21 35	0 48	21 42	0 22	21 28	0 28	20 23	0 28	11 3	16 37	18 35	18 41	6 32	11 12	0 16
W23	9 46	25 59	4 15	3 49	0 2	18 34	3 38	13 20	2 5	21 35	0 48	21 42	0 22	21 28	0 28	20 24	0 28	11 3	16 37	18 33	18 40	6 35	11 12	0 16
T 24	9 24	23 52	4 44	3 0	0n11	18 32	3 32	13 24	2 5	21 36	0 48	21 41	0 22	21 27	0 28	20 24	0 28	11 2	16 37	18 31	18 39	6 38	11 13	0 16
F 25	9 1	20 34	4 59	2 11	0 24	18 30	3 26	13 29	2 5	21 37	0 48	21 40	0 22	21 27	0 28	20 24	0 28	11 1	16 37	18 28	18 39	6 41	11 14	0 16
S 26	8 39	16 22	4 59	1 24	0 38	18 27	3 21	13 33	2 5	21 37	0 48	21 39	0 22	21 26	0 28	20 24	0 28	11 1	16 37	18 25	18 38	6 44	11 15	0 16
S 27	8 16	11 33	4 44	0 39	0 52	18 24	3 15	13 37	2 5	21 38	0 48	21 39	0 22	21 26	0 28	20 25	0 28	11 0	16 36	18 21	18 37	6 47	11 16	0 16
M28	7s54	6n21	4n16	0n 5	1n 6	18s20	3n 9	13s41	2n 5	21s39	0n48	21s38	0n22	21s25	0s29	20n25	0s28	10s59	16s36	18n18	18n36	6s50	11n17	0s16

Julian Day Number = 2480065.5, Delta T = 83.97 sec
Ecliptic obliquity = 23°25'50, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°49'52, Lahiri = 24°56'53

ASTRODIENST EPHEMERIS for the year 2078
geocentric

MARCH 2078 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 36 51	10♓47'38	5♎57	28♓50	24♑ 8	13♏ 2	13♐51	19♑43	25♑59	26°R21	10♈50	21°R58	23♉17	23♎51	0♉12	T 1
W 2	10 40 47	11°47'51	17°52	29°53	25° 8	13°15	13°56	19°48	26° 2	26♋20	10°52	21♉50	23°14	23°57	0°15	W 2
T 3	10 44 44	12°48'03	29°41	0♈49	26° 7	13°26	14° 2	19°53	26° 5	26°19	10°53	21°45	23°11	24° 4	0°18	T 3
F 4	10 48 40	13°48'13	11♏28	1°37	27° 7	13°38	14° 7	19°58	26° 7	26°18	10°54	21°43	23° 8	24°11	0°20	F 4
S 5	10 52 37	14°48'22	23°17	2°17	28° 8	13°49	14°11	20° 3	26°10	26°16	10°56	21°D42	23° 5	24°17	0°23	S 5
S 6	10 56 33	15°48'29	5♐13	2°48	29° 9	13°59	14°16	20° 8	26°12	26°16	10°57	21°43	23° 2	24°24	0°26	S 6
M 7	11 0 30	16°48'34	17°22	3°10	0♒10	14° 8	14°21	20°13	26°15	26°15	10°58	21°R43	22°58	24°31	0°29	M 7
T 8	11 4 26	17°48'38	29°49	3°23	1°11	14°18	14°25	20°18	26°18	26°14	11° 0	21°43	22°55	24°37	0°32	T 8
W 9	11 8 23	18°48'41	12♑38	3°R27	2°13	14°26	14°29	20°23	26°20	26°13	11° 1	21°40	22°52	24°44	0°35	W 9
T 10	11 12 20	19°48'41	25°54	3°21	3°15	14°34	14°33	20°27	26°23	26°12	11° 2	21°35	22°49	24°51	0°38	T 10
F 11	11 16 16	20°48'40	9♒39	3° 7	4°18	14°41	14°37	20°32	26°25	26°11	11° 4	21°28	22°46	24°57	0°41	F 11
S 12	11 20 13	21°48'38	23°52	2°45	5°20	14°48	14°41	20°37	26°27	26°10	11° 5	21°19	22°43	25° 4	0°44	S 12
S 13	11 24 9	22°48'33	8♓30	2°15	6°23	14°54	14°44	20°41	26°30	26° 9	11° 6	21° 9	22°39	25°11	0°47	S 13
M14	11 28 6	23°48'27	23°26	1°38	7°27	14°59	14°48	20°46	26°32	26° 9	11° 8	21° 0	22°36	25°17	0°50	M14
T 15	11 32 2	24°48'18	8♈30	0°55	8°30	15° 3	14°51	20°50	26°34	26° 8	11° 9	20°52	22°33	25°24	0°53	T 15
W16	11 35 59	25°48'08	23°34	0° 7	9°34	15° 7	14°54	20°54	26°37	26° 7	11°11	20°47	22°30	25°31	0°56	W16
T 17	11 39 55	26°47'56	8♉28	29♓15	10°38	15°11	14°56	20°58	26°39	26° 7	11°12	20°45	22°27	25°37	0°59	T 17
F 18	11 43 52	27°47'41	23° 5	28°20	11°42	15°13	14°59	21° 3	26°41	26° 6	11°14	20°D44	22°23	25°44	1° 2	F 18
S 19	11 47 49	28°47'24	7♊22	27°24	12°47	15°15	15° 1	21° 7	26°43	26° 5	11°15	20°45	22°20	25°51	1° 6	S 19
S 20	11 51 45	29°47'05	21°16	26°28	13°51	15°16	15° 4	21°11	26°45	26° 5	11°16	20°46	22°17	25°57	1° 9	S 20
M21	11 55 42	0♈46'44	4♋50	25°33	14°56	15°R16	15° 6	21°15	26°47	26° 4	11°18	20°R46	22°14	26° 4	1°12	M21
T 22	11 59 38	1°46'20	18° 4	24°40	16° 2	15°16	15° 8	21°18	26°49	26° 4	11°19	20°44	22°11	26°11	1°15	T 22
W23	12 3 35	2°45'54	1♌ 0	23°50	17° 7	15°15	15° 9	21°22	26°51	26° 3	11°21	20°41	22° 8	26°17	1°19	W23
T 24	12 7 31	3°45'26	13°42	23° 4	18°12	15°13	15°11	21°26	26°53	26° 3	11°22	20°35	22° 4	26°24	1°22	T 24
F 25	12 11 28	4°44'56	26°11	22°23	19°18	15°11	15°12	21°29	26°55	26° 2	11°24	20°28	22° 1	26°31	1°25	F 25
S 26	12 15 24	5°44'23	8♍29	21°46	20°24	15° 7	15°13	21°33	26°57	26° 2	11°25	20°20	21°58	26°37	1°29	S 26
S 27	12 19 21	6°43'48	20°38	21°15	21°30	15° 3	15°14	21°36	26°58	26° 2	11°27	20°11	21°55	26°44	1°32	S 27
M28	12 23 18	7°43'11	2♎40	20°50	22°36	14°58	15°15	21°39	27° 0	26° 1	11°28	20° 4	21°52	26°51	1°36	M28
T 29	12 27 14	8°42'32	14°35	20°30	23°43	14°53	15°15	21°43	27° 2	26° 1	11°29	19°57	21°49	26°57	1°39	T 29
W30	12 31 11	9°41'51	26°25	20°17	24°49	14°46	15°16	21°46	27° 3	26° 1	11°31	19°53	21°45	27° 4	1°43	W30
T 31	12 35 7	10♈41'07	8♏13	20♓ 9	25♒56	14♏39	15♐16	21♑49	27♑ 5	26♋ 1	11♈32	19♉50	21♉42	27♎11	1♉46	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	7s31	0n58	3n38	0n46	1n21	18s16	3n 4	13s45	2n 5	21s39	0n48	21s37	0n22	21s25	0s29	20n25	0s28	10s59	16s36	18n15	18n35	6s54	11n17	0s16
W 2	7 8	4s23	2 50	1 25	1 35	18 11	2 58	13 49	2 5	21 40	0 48	21 37	0 22	21 24	0 29	20 25	0 28	10 58	16 36	18 13	18 35	6 57	11 18	0 16
T 3	6 45	9 34	1 54	2 0	1 50	18 6	2 52	13 53	2 5	21 40	0 49	21 36	0 22	21 24	0 29	20 25	0 28	10 58	16 36	18 12	18 34	7 0	11 19	0 16
F 4	6 22	14 24	0 54	2 32	2 4	18 0	2 46	13 56	2 5	21 41	0 49	21 35	0 22	21 23	0 29	20 26	0 28	10 57	16 35	18 11	18 33	7 3	11 20	0 16
S 5	5 59	18 43	0s 8	3 1	2 18	17 54	2 41	13 59	2 5	21 41	0 49	21 34	0 22	21 23	0 29	20 26	0 28	10 56	16 35	18 11	18 32	7 6	11 21	0 16
S 6	5 36	22 20	1 12	3 25	2 31	17 48	2 35	14 2	2 5	21 42	0 49	21 34	0 22	21 22	0 29	20 26	0 28	10 56	16 35	18 11	18 31	7 9	11 22	0 16
M 7	5 12	25 2	2 13	3 45	2 43	17 41	2 29	14 5	2 5	21 42	0 49	21 33	0 22	21 22	0 29	20 26	0 28	10 55	16 35	18 11	18 31	7 13	11 23	0 16
T 8	4 49	26 35	3 9	4 1	2 55	17 33	2 23	14 8	2 5	21 43	0 49	21 32	0 22	21 21	0 29	20 27	0 28	10 54	16 35	18 11	18 30	7 16	11 24	0 16
W 9	4 26	26 46	3 57	4 12	3 5	17 25	2 18	14 11	2 5	21 43	0 49	21 32	0 22	21 21	0 29	20 27	0 28	10 54	16 35	18 10	18 29	7 19	11 25	0 17
T 10	4 2	25 27	4 35	4 19	3 14	17 17	2 12	14 13	2 4	21 44	0 49	21 31	0 22	21 20	0 29	20 27	0 28	10 53	16 35	18 9	18 28	7 22	11 26	0 17
F 11	3 38	22 37	4 58	4 20	3 22	17 8	2 6	14 15	2 4	21 44	0 49	21 30	0 22	21 20	0 29	20 27	0 28	10 52	16 34	18 7	18 27	7 25	11 27	0 17
S 12	3 15	18 20	5 4	4 17	3 28	16 59	2 1	14 18	2 4	21 44	0 49	21 30	0 21	21 20	0 29	20 27	0 28	10 52	16 34	18 5	18 27	7 28	11 28	0 17
S 13	2 51	12 52	4 51	4 9	3 33	16 49	1 55	14 20	2 4	21 45	0 49	21 29	0 21	21 19	0 29	20 27	0 28	10 51	16 34	18 2	18 26	7 31	11 29	0 17
M14	2 28	6 33	4 18	3 57	3 35	16 38	1 50	14 21	2 3	21 45	0 49	21 29	0 21	21 19	0 29	20 28	0 28	10 50	16 34	18 0	18 25	7 35	11 30	0 17
T 15	2 4	0n13	3 26	3 40	3 36	16 27	1 44	14 23	2 3	21 45	0 49	21 28	0 21	21 18	0 29	20 28	0 28	10 50	16 34	17 58	18 24	7 38	11 31	0 17
W16	1 40	6 58	2 20	3 20	3 35	16 16	1 38	14 24	2 3	21 45	0 49	21 27	0 21	21 18	0 29	20 28	0 28	10 49	16 34	17 57	18 23	7 41	11 32	0 17
T 17	1 16	13 17	1 5	2 56	3 32	16 4	1 33	14 26	2 2	21 46	0 49	21 27	0 21	21 18	0 29	20 28	0 28	10 49	16 34	17 56	18 22	7 44	11 33	0 17
F 18	0 53	18 44	0n13	2 30	3 26	15 52	1 27	14 27	2 2	21 46	0 49	21 26	0 21	21 17	0 29	20 28	0 28	10 48	16 34	17 56	18 22	7 47	11 34	0 17
S 19	0 29	22 59	1 28	2 1	3 19	15 39	1 22	14 28	2 2	21 46	0 50	21 26	0 21	21 17	0 29	20 28	0 28	10 47	16 34	17 56	18 21	7 50	11 35	0 17
S 20	0 5	25 45	2 37	1 31	3 10	15 26	1 17	14 29	2 1	21 46	0 50	21 25	0 21	21 16	0 29	20 28	0 28	10 47	16 34	17 56	18 20	7 53	11 36	0 17
M21	0n19	26 55	3 35	0 59	3 0	15 13	1 11	14 29	2 1	21 47	0 50	21 24	0 21	21 16	0 29	20 29	0 28	10 46	16 34	17 56	18 19	7 57	11 37	0 17
T 22	0 42	26 30	4 20	0 28	2 48	14 59	1 6	14 30	2 0	21 47	0 50	21 24	0 21	21 16	0 29	20 29	0 28	10 45	16 33	17 56	18 18	8 0	11 38	0 17
W23	1 6	24 39	4 50	0s 4	2 36	14 44	1 1	14 30	2 0	21 47	0 50	21 23	0 21	21 15	0 29	20 29	0 27	10 45	16 33	17 55	18 18	8 3	11 39	0 17
T 24	1 30	21 35	5 6	0 35	2 22	14 29	0 56	14 30	1 59	21 47	0 50	21 23	0 21	21 15	0 29	20 29	0 27	10 44	16 33	17 54	18 17	8 6	11 40	0 18
F 25	1 53	17 35	5 6	1 5	2 7	14 14	0 50	14 30	1 58	21 47	0 50	21 22	0 21	21 15	0 29	20 29	0 27	10 44	16 33	17 52	18 16	8 9	11 41	0 18
S 26	2 17	12 54	4 53	1 33	1 52	13 58	0 45	14 29	1 58	21 47	0 50	21 22	0 21	21 14	0 29	20 29	0 27	10 43	16 33	17 49	18 15	8 12	11 43	0 18
S 27	2 40	7 47	4 26	1 59	1 37	13 42	0 40	14 29	1 57	21 47	0 50	21 21	0 21	21 14	0 29	20 29	0 27	10 43	16 33	17 47	18 14	8 15	11 44	0 18
M28	3 4	2 25	3 48	2 23	1 21	13 25	0 35	14 28	1 56	21 47	0 50	21 21	0 21	21 14	0 29	20 29	0 27	10 42	16 33	17 45	18 14	8 19	11 45	0 18
T 29	3 27	2s59	3 0	2 45	1 5	13 8	0 30	14 27	1 55	21 47	0 50	21 20	0 21	21 13	0 29	20 29	0 27	10 41	16 33	17 43	18 13	8 22	11 46	0 18
W30	3 50	8 16	2 4	3 5	0 50	12 51	0 25	14 26	1 54	21 47	0 50	21 20	0 21	21 13	0 29	20 29	0 27	10 41	16 33	17 42	18 12	8 25	11 47	0 18
T 31	4n14	13s15	1n 3	3s22	0n35	12s33	0n21	14s25	1n53	21s47	0n50	21s19	0n21	21s13	0s29	20n30	0s27	10s40	16s33	17n41	18n11	8s28	11n48	0s18

Julian Day Number = 2480093.5, Delta T = 84.00 sec
Ecliptic obliquity = 23°25'51, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°49'56, Lahiri = 24°56'57

ASTRODIENST EPHEMERIS for the year 2078
geocentric

APRIL 2078 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 39 4	11♈40'23	20♏ 1	20°D 7	27♒ 3	14°R31	15°R16	21♑52	27♑ 6	26°R 0	11♈34	19°D49	21♉39	27♎17	1♉50	F 1
S 2	12 43 0	12°39'36	1♐52	20♓11	28°10	14♏23	15♐16	21°55	27° 8	26♋ 0	11°35	19♉50	21°36	27°24	1°53	S 2
S 3	12 46 57	13°38'47	13°50	20°20	29°17	14°13	15°15	21°57	27° 9	26° 0	11°37	19°51	21°33	27°31	1°57	S 3
M 4	12 50 53	14°37'57	26° 0	20°34	0♓25	14° 3	15°15	22° 0	27°11	26° 0	11°38	19°53	21°29	27°37	2° 0	M 4
T 5	12 54 50	15°37'05	8♑25	20°54	1°32	13°52	15°14	22° 3	27°12	26° 0	11°40	19°54	21°26	27°44	2° 4	T 5
W 6	12 58 47	16°36'11	21°11	21°18	2°40	13°40	15°13	22° 5	27°13	26°D 0	11°41	19°R54	21°23	27°51	2° 7	W 6
T 7	13 2 43	17°35'15	4♒21	21°46	3°48	13°28	15°12	22° 8	27°15	26° 0	11°43	19°53	21°20	27°57	2°11	T 7
F 8	13 6 40	18°34'18	17°59	22°19	4°56	13°15	15°11	22°10	27°16	26° 0	11°44	19°51	21°17	28° 4	2°14	F 8
S 9	13 10 36	19°33'19	2♓ 5	22°56	6° 4	13° 1	15° 9	22°12	27°17	26° 0	11°46	19°47	21°14	28°10	2°18	S 9
S 10	13 14 33	20°32'18	16°38	23°37	7°12	12°46	15° 8	22°14	27°18	26° 0	11°47	19°43	21°10	28°17	2°22	S 10
M11	13 18 29	21°31'15	1♈33	24°22	8°20	12°31	15° 6	22°16	27°19	26° 0	11°48	19°39	21° 7	28°24	2°25	M11
T 12	13 22 26	22°30'10	16°42	25°10	9°29	12°15	15° 4	22°18	27°20	26° 1	11°50	19°35	21° 4	28°30	2°29	T 12
W13	13 26 22	23°29'03	1♉56	26° 1	10°37	11°58	15° 1	22°20	27°21	26° 1	11°51	19°33	21° 1	28°37	2°33	W13
T 14	13 30 19	24°27'55	17° 4	26°56	11°46	11°41	14°59	22°22	27°22	26° 1	11°53	19°D32	20°58	28°44	2°36	T 14
F 15	13 34 16	25°26'44	1♊58	27°53	12°54	11°23	14°56	22°23	27°23	26° 1	11°54	19°33	20°54	28°50	2°40	F 15
S 16	13 38 12	26°25'31	16°31	28°54	14° 3	11° 5	14°54	22°25	27°24	26° 2	11°56	19°34	20°51	28°57	2°44	S 16
S 17	13 42 9	27°24'16	0♋40	29°57	15°12	10°46	14°51	22°26	27°24	26° 2	11°57	19°35	20°48	29° 4	2°47	S 17
M18	13 46 5	28°22'59	14°23	1♈ 2	16°21	10°26	14°48	22°28	27°25	26° 2	11°58	19°36	20°45	29°10	2°51	M18
T 19	13 50 2	29°21'39	27°41	2°11	17°30	10° 7	14°44	22°29	27°26	26° 3	12° 0	19°R37	20°42	29°17	2°55	T 19
W20	13 53 58	0♉20'17	10♌36	3°21	18°39	9°46	14°41	22°30	27°26	26° 3	12° 1	19°36	20°39	29°24	2°58	W20
T 21	13 57 55	1°18'53	23°13	4°34	19°48	9°26	14°37	22°31	27°27	26° 4	12° 3	19°35	20°35	29°30	3° 2	T 21
F 22	14 1 51	2°17'27	5♍33	5°49	20°57	9° 4	14°33	22°32	27°27	26° 4	12° 4	19°33	20°32	29°37	3° 6	F 22
S 23	14 5 48	3°15'58	17°42	7° 7	22° 7	8°43	14°29	22°33	27°28	26° 5	12° 5	19°31	20°29	29°44	3° 9	S 23
S 24	14 9 45	4°14'28	29°41	8°26	23°16	8°21	14°25	22°34	27°28	26° 5	12° 7	19°29	20°26	29°50	3°13	S 24
M25	14 13 41	5°12'55	11♎35	9°48	24°26	8° 0	14°21	22°35	27°29	26° 6	12° 8	19°26	20°23	29°57	3°17	M25
T 26	14 17 38	6°11'20	23°24	11°11	25°35	7°37	14°16	22°35	27°29	26° 7	12°10	19°25	20°20	0♏ 4	3°20	T 26
W27	14 21 34	7° 9'44	5♏12	12°37	26°45	7°15	14°12	22°36	27°29	26° 7	12°11	19°24	20°16	0°10	3°24	W27
T 28	14 25 31	8° 8'06	17° 1	14° 4	27°54	6°53	14° 7	22°36	27°29	26° 8	12°12	19°D23	20°13	0°17	3°28	T 28
F 29	14 29 27	9° 6'26	28°53	15°34	29° 4	6°31	14° 2	22°36	27°30	26° 9	12°14	19°23	20°10	0°24	3°32	F 29
S 30	14 33 24	10♉ 4'44	10♐51	17♈ 5	0♈14	6♏ 8	13♐57	22♑37	27♑30	26♋10	12♈15	19♉24	20♉ 7	0♏30	3♉35	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	4n37	17s45	0s 1	3s37	0n20	12s14	0n16	14s24	1n52	21s47	0n50	21s19	0n21	21s13	0s29	20n30	0s27	10s40	16s33	17n41	18n10	8s31	11n49	0s18
S 2	5 0	21 36	1 5	3 48	0 5	11 56	0 11	14 22	1 51	21 47	0 50	21 19	0 21	21 12	0 29	20 30	0 27	10 39	16 33	17 41	18 9	8 34	11 50	0 18
S 3	5 23	24 34	2 7	3 58	0s 9	11 37	0 7	14 21	1 50	21 47	0 50	21 18	0 21	21 12	0 29	20 30	0 27	10 39	16 33	17 42	18 9	8 37	11 52	0 18
M 4	5 46	26 27	3 5	4 5	0 22	11 17	0 2	14 19	1 49	21 47	0 50	21 18	0 20	21 12	0 29	20 30	0 27	10 38	16 33	17 42	18 8	8 40	11 53	0 18
T 5	6 9	27 4	3 55	4 9	0 35	10 58	0s 2	14 17	1 48	21 47	0 51	21 17	0 20	21 12	0 30	20 30	0 27	10 38	16 33	17 43	18 7	8 44	11 54	0 18
W 6	6 31	26 17	4 35	4 11	0 48	10 37	0 7	14 14	1 47	21 46	0 51	21 17	0 20	21 11	0 30	20 30	0 27	10 37	16 33	17 43	18 6	8 47	11 55	0 18
T 7	6 54	24 3	5 2	4 10	1 0	10 17	0 11	14 12	1 46	21 46	0 51	21 17	0 20	21 11	0 30	20 30	0 27	10 36	16 33	17 42	18 5	8 50	11 56	0 18
F 8	7 17	20 24	5 13	4 8	1 11	9 56	0 15	14 9	1 44	21 46	0 51	21 16	0 20	21 11	0 30	20 30	0 27	10 36	16 33	17 42	18 4	8 53	11 57	0 18
S 9	7 39	15 29	5 6	4 3	1 21	9 35	0 19	14 6	1 43	21 46	0 51	21 16	0 20	21 11	0 30	20 30	0 27	10 35	16 33	17 41	18 4	8 56	11 59	0 19
S 10	8 1	9 34	4 39	3 56	1 31	9 14	0 23	14 3	1 41	21 46	0 51	21 16	0 20	21 11	0 30	20 30	0 27	10 35	16 33	17 39	18 3	8 59	12 0	0 19
M11	8 23	2 57	3 54	3 47	1 41	8 52	0 27	14 0	1 40	21 45	0 51	21 16	0 20	21 10	0 30	20 30	0 27	10 34	16 34	17 38	18 2	9 2	12 1	0 19
T 12	8 45	3n56	2 51	3 36	1 49	8 30	0 31	13 57	1 38	21 45	0 51	21 15	0 20	21 10	0 30	20 30	0 27	10 34	16 34	17 37	18 1	9 5	12 2	0 19
W13	9 7	10 39	1 35	3 23	1 57	8 7	0 35	13 53	1 37	21 45	0 51	21 15	0 20	21 10	0 30	20 30	0 27	10 33	16 34	17 37	18 0	9 9	12 3	0 19
T 14	9 29	16 43	0 14	3 8	2 5	7 45	0 39	13 50	1 35	21 45	0 51	21 15	0 20	21 10	0 30	20 30	0 27	10 33	16 34	17 37	17 59	9 12	12 5	0 19
F 15	9 50	21 40	1n 8	2 51	2 11	7 22	0 42	13 46	1 33	21 44	0 51	21 15	0 20	21 10	0 30	20 30	0 27	10 33	16 34	17 37	17 59	9 15	12 6	0 19
S 16	10 12	25 7	2 23	2 33	2 18	6 59	0 46	13 42	1 31	21 44	0 51	21 14	0 20	21 10	0 30	20 30	0 27	10 32	16 34	17 37	17 58	9 18	12 7	0 19
S 17	10 33	26 53	3 28	2 13	2 23	6 36	0 49	13 38	1 30	21 44	0 51	21 14	0 20	21 10	0 30	20 30	0 27	10 32	16 34	17 37	17 57	9 21	12 8	0 19
M18	10 54	26 56	4 18	1 51	2 28	6 12	0 53	13 34	1 28	21 43	0 51	21 14	0 20	21 10	0 30	20 30	0 27	10 31	16 34	17 38	17 56	9 24	12 9	0 19
T 19	11 15	25 24	4 53	1 28	2 33	5 48	0 56	13 29	1 26	21 43	0 51	21 14	0 20	21 9	0 30	20 30	0 27	10 31	16 34	17 38	17 55	9 27	12 11	0 19
W20	11 35	22 34	5 12	1 3	2 36	5 24	0 59	13 25	1 24	21 42	0 51	21 14	0 20	21 9	0 30	20 30	0 27	10 30	16 34	17 38	17 54	9 30	12 12	0 19
T 21	11 56	18 44	5 15	0 37	2 39	5 0	1 3	13 20	1 22	21 42	0 51	21 14	0 20	21 9	0 30	20 29	0 27	10 30	16 34	17 37	17 54	9 33	12 13	0 19
F 22	12 16	14 10	5 4	0 10	2 42	4 35	1 6	13 16	1 20	21 41	0 51	21 13	0 20	21 9	0 30	20 29	0 27	10 29	16 35	17 37	17 53	9 37	12 14	0 19
S 23	12 36	9 8	4 39	0n19	2 44	4 11	1 9	13 11	1 17	21 41	0 51	21 13	0 20	21 9	0 30	20 29	0 27	10 29	16 35	17 36	17 52	9 40	12 15	0 20
S 24	12 56	3 49	4 2	0 49	2 45	3 46	1 11	13 6	1 15	21 40	0 51	21 13	0 20	21 9	0 30	20 29	0 27	10 29	16 35	17 36	17 51	9 43	12 17	0 20
M25	13 15	1s36	3 14	1 20	2 46	3 21	1 14	13 1	1 13	21 40	0 51	21 13	0 20	21 9	0 30	20 29	0 27	10 28	16 35	17 35	17 50	9 46	12 18	0 20
T 26	13 35	6 56	2 19	1 52	2 47	2 56	1 17	12 56	1 11	21 39	0 51	21 13	0 19	21 9	0 30	20 29	0 27	10 28	16 35	17 35	17 49	9 49	12 19	0 20
W27	13 54	12 2	1 18	2 26	2 46	2 30	1 19	12 51	1 8	21 39	0 51	21 13	0 19	21 9	0 30	20 29	0 27	10 27	16 35	17 34	17 48	9 52	12 20	0 20
T 28	14 13	16 42	0 13	3 0	2 46	2 5	1 22	12 46	1 6	21 38	0 51	21 13	0 19	21 9	0 30	20 29	0 27	10 27	16 35	17 34	17 48	9 55	12 21	0 20
F 29	14 32	20 45	0s53	3 36	2 44	1 40	1 24	12 41	1 3	21 38	0 51	21 13	0 19	21 9	0 30	20 29	0 27	10 27	16 36	17 34	17 47	9 58	12 22	0 20
S 30	14n50	23s59	1s56	4n13	2s42	1s14	1s27	12s36	1n 1	21s37	0n51	21s13	0n19	21s 9	0s30	20n29	0s27	10s26	16s36	17n34	17n46	10s 1	12n24	0s20

Julian Day Number = 2480124.5, Delta T = 84.03 sec
Ecliptic obliquity = 23°25'51, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°50'01, Lahiri = 24°57'01

ASTRODIENST EPHEMERIS for the year 2078
geocentric

MAY 2078 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 37 20	11♉ 3'00	22♐56	18♈39	1♈24	5°R46	13°R52	22♑37	27°R30	26♋10	12♈16	19♉25	20♉ 4	0♏37	3♉39	S 1
M 2	14 41 17	12° 1'16	5♑13	20°14	2°34	5♏23	13♐47	22°R37	27♑30	26°11	12°17	19°25	20° 0	0°44	3°43	M 2
T 3	14 45 14	12°59'29	17°43	21°51	3°44	5° 1	13°41	22°37	27°30	26°12	12°19	19°26	19°57	0°50	3°46	T 3
W 4	14 49 10	13°57'41	0♒31	23°30	4°54	4°39	13°35	22°36	27°30	26°13	12°20	19°27	19°54	0°57	3°50	W 4
T 5	14 53 7	14°55'52	13°39	25°10	6° 4	4°17	13°30	22°36	27°29	26°14	12°21	19°R27	19°51	1° 4	3°54	T 5
F 6	14 57 3	15°54'01	27°10	26°53	7°15	3°55	13°24	22°36	27°29	26°15	12°23	19°27	19°48	1°10	3°57	F 6
S 7	15 1 0	16°52'08	11♓ 5	28°37	8°25	3°34	13°18	22°35	27°29	26°16	12°24	19°26	19°45	1°17	4° 1	S 7
S 8	15 4 56	17°50'15	25°24	0♉24	9°35	3°13	13°12	22°35	27°29	26°17	12°25	19°26	19°41	1°23	4° 4	S 8
M 9	15 8 53	18°48'20	10♈ 5	2°12	10°46	2°52	13° 5	22°34	27°28	26°18	12°26	19°26	19°38	1°30	4° 8	M 9
T 10	15 12 49	19°46'23	25° 2	4° 2	11°56	2°32	12°59	22°33	27°28	26°19	12°28	19°D26	19°35	1°37	4°12	T 10
W11	15 16 46	20°44'25	10♉ 9	5°54	13° 7	2°12	12°52	22°32	27°27	26°20	12°29	19°26	19°32	1°43	4°15	W11
T 12	15 20 43	21°42'25	25°16	7°48	14°17	1°53	12°46	22°31	27°27	26°21	12°30	19°R26	19°29	1°50	4°19	T 12
F 13	15 24 39	22°40'24	10♊14	9°44	15°28	1°34	12°39	22°30	27°26	26°22	12°31	19°26	19°26	1°57	4°22	F 13
S 14	15 28 36	23°38'22	24°55	11°41	16°38	1°16	12°32	22°29	27°26	26°24	12°32	19°26	19°22	2° 3	4°26	S 14
S 15	15 32 32	24°36'18	9♋14	13°41	17°49	0°58	12°26	22°28	27°25	26°25	12°33	19°25	19°19	2°10	4°29	S 15
M16	15 36 29	25°34'12	23° 6	15°42	19° 0	0°41	12°19	22°27	27°24	26°26	12°35	19°25	19°16	2°17	4°33	M16
T 17	15 40 25	26°32'04	6♌32	17°45	20°11	0°25	12°12	22°25	27°24	26°27	12°36	19°24	19°13	2°23	4°36	T 17
W18	15 44 22	27°29'54	19°33	19°49	21°21	0° 9	12° 4	22°24	27°23	26°29	12°37	19°24	19°10	2°30	4°40	W18
T 19	15 48 18	28°27'43	2♍11	21°55	22°32	29♎54	11°57	22°22	27°22	26°30	12°38	19°D24	19° 6	2°37	4°43	T 19
F 20	15 52 15	29°25'30	14°30	24° 3	23°43	29°40	11°50	22°20	27°21	26°31	12°39	19°24	19° 3	2°43	4°47	F 20
S 21	15 56 12	0♊23'15	26°35	26°11	24°54	29°26	11°43	22°18	27°20	26°33	12°40	19°25	19° 0	2°50	4°50	S 21
S 22	16 0 8	1°20'59	8♎30	28°21	26° 5	29°14	11°35	22°17	27°19	26°34	12°41	19°26	18°57	2°57	4°54	S 22
M23	16 4 5	2°18'41	20°20	0♊32	27°16	29° 2	11°28	22°15	27°18	26°36	12°42	19°27	18°54	3° 3	4°57	M23
T 24	16 8 1	3°16'21	2♏ 7	2°43	28°27	28°50	11°20	22°13	27°17	26°37	12°43	19°28	18°51	3°10	5° 0	T 24
W25	16 11 58	4°14'01	13°56	4°55	29°38	28°40	11°13	22°10	27°16	26°39	12°44	19°R29	18°47	3°17	5° 4	W25
T 26	16 15 54	5°11'39	25°49	7° 6	0♉49	28°30	11° 5	22° 8	27°15	26°40	12°45	19°28	18°44	3°23	5° 7	T 26
F 27	16 19 51	6° 9'15	7♐49	9°18	2° 0	28°21	10°58	22° 6	27°14	26°42	12°46	19°28	18°41	3°30	5°10	F 27
S 28	16 23 47	7° 6'51	19°57	11°29	3°12	28°13	10°50	22° 3	27°13	26°43	12°47	19°26	18°38	3°36	5°14	S 28
S 29	16 27 44	8° 4'25	2♑16	13°40	4°23	28° 6	10°43	22° 1	27°11	26°45	12°48	19°24	18°35	3°43	5°17	S 29
M30	16 31 41	9° 1'59	14°46	15°49	5°34	28° 0	10°35	21°58	27°10	26°46	12°49	19°21	18°32	3°50	5°20	M30
T 31	16 35 37	9♊59'31	27♑30	17♊58	6♉45	27♎54	10♐27	21♑56	27♑ 9	26♋48	12♈50	19♉18	18♉28	3♏56	5♉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
S 1	15n 8	26s10	2s56	4n50	2s40	0s48	1s29	12s31	0n58	21s37	0n51	21s13	0n19	21s 9	0s30	20n28	0s26	10s26	16s36	17n35	17n45	10s 4	12n25	0s20
M 2	15 26	27 7	3 48	5 29	2 37	0 22	1 31	12 26	0 56	21 36	0 51	21 13	0 19	21 9	0 30	20 28	0 26	10 26	16 36	17 35	17 44	10 8	12 26	0 20
T 3	15 44	26 43	4 30	6 8	2 33	0n 4	1 33	12 21	0 53	21 35	0 51	21 13	0 19	21 9	0 30	20 28	0 26	10 25	16 36	17 35	17 43	10 11	12 27	0 20
W 4	16 1	24 55	5 1	6 49	2 29	0 30	1 35	12 16	0 51	21 35	0 51	21 13	0 19	21 9	0 30	20 28	0 26	10 25	16 36	17 35	17 43	10 14	12 28	0 20
T 5	16 19	21 46	5 16	7 30	2 25	0 56	1 37	12 11	0 48	21 34	0 51	21 13	0 19	21 9	0 31	20 28	0 26	10 25	16 37	17 35	17 42	10 17	12 29	0 20
F 6	16 36	17 23	5 15	8 11	2 19	1 22	1 39	12 6	0 46	21 33	0 51	21 14	0 19	21 9	0 31	20 28	0 26	10 24	16 37	17 35	17 41	10 20	12 31	0 20
S 7	16 52	11 57	4 55	8 54	2 14	1 48	1 40	12 2	0 43	21 33	0 51	21 14	0 19	21 9	0 31	20 28	0 26	10 24	16 37	17 35	17 40	10 23	12 32	0 21
S 8	17 9	5 46	4 17	9 37	2 8	2 14	1 42	11 57	0 40	21 32	0 51	21 14	0 19	21 9	0 31	20 27	0 26	10 24	16 37	17 35	17 39	10 26	12 33	0 21
M 9	17 25	0n54	3 22	10 20	2 1	2 41	1 43	11 53	0 38	21 31	0 51	21 14	0 19	21 10	0 31	20 27	0 26	10 24	16 37	17 35	17 38	10 29	12 34	0 21
T 10	17 40	7 39	2 12	11 4	1 54	3 7	1 45	11 48	0 35	21 30	0 51	21 14	0 19	21 10	0 31	20 27	0 26	10 23	16 38	17 35	17 37	10 32	12 35	0 21
W11	17 56	14 3	0 51	11 49	1 46	3 33	1 46	11 44	0 32	21 30	0 51	21 14	0 19	21 10	0 31	20 27	0 26	10 23	16 38	17 35	17 37	10 35	12 36	0 21
T 12	18 11	19 36	0n32	12 33	1 39	3 59	1 47	11 40	0 30	21 29	0 51	21 15	0 19	21 10	0 31	20 27	0 26	10 23	16 38	17 35	17 36	10 38	12 37	0 21
F 13	18 26	23 50	1 53	13 18	1 30	4 25	1 48	11 36	0 27	21 28	0 51	21 15	0 19	21 10	0 31	20 26	0 26	10 23	16 38	17 35	17 35	10 41	12 39	0 21
S 14	18 41	26 25	3 5	14 3	1 21	4 52	1 49	11 32	0 24	21 27	0 51	21 15	0 19	21 10	0 31	20 26	0 26	10 22	16 38	17 35	17 34	10 45	12 40	0 21
S 15	18 55	27 9	4 3	14 47	1 12	5 18	1 50	11 28	0 22	21 26	0 51	21 15	0 19	21 10	0 31	20 26	0 26	10 22	16 39	17 35	17 33	10 48	12 41	0 21
M16	19 9	26 8	4 45	15 32	1 3	5 44	1 51	11 25	0 19	21 25	0 51	21 16	0 18	21 11	0 31	20 26	0 26	10 22	16 39	17 35	17 32	10 51	12 42	0 21
T 17	19 22	23 37	5 10	16 16	0 53	6 10	1 52	11 22	0 16	21 25	0 51	21 16	0 18	21 11	0 31	20 26	0 26	10 22	16 39	17 34	17 31	10 54	12 43	0 21
W18	19 36	19 58	5 17	17 0	0 43	6 36	1 52	11 18	0 14	21 24	0 51	21 16	0 18	21 11	0 31	20 25	0 26	10 22	16 39	17 34	17 30	10 57	12 44	0 21
T 19	19 49	15 30	5 10	17 43	0 33	7 1	1 53	11 16	0 11	21 23	0 51	21 16	0 18	21 11	0 31	20 25	0 26	10 21	16 40	17 34	17 30	11 0	12 45	0 21
F 20	20 1	10 31	4 48	18 25	0 22	7 27	1 53	11 13	0 9	21 22	0 50	21 17	0 18	21 11	0 31	20 25	0 26	10 21	16 40	17 34	17 29	11 3	12 46	0 22
S 21	20 13	5 14	4 13	19 6	0 12	7 53	1 54	11 11	0 6	21 21	0 50	21 17	0 18	21 12	0 31	20 25	0 26	10 21	16 40	17 35	17 28	11 6	12 47	0 22
S 22	20 25	0s11	3 28	19 46	0 1	8 18	1 54	11 8	0 3	21 20	0 50	21 18	0 18	21 12	0 31	20 24	0 26	10 21	16 41	17 35	17 27	11 9	12 48	0 22
M23	20 37	5 33	2 35	20 25	0n10	8 43	1 54	11 7	0 1	21 19	0 50	21 18	0 18	21 12	0 31	20 24	0 26	10 21	16 41	17 35	17 26	11 12	12 50	0 22
T 24	20 48	10 43	1 35	21 1	0 20	9 9	1 54	11 5	0s 2	21 18	0 50	21 18	0 18	21 12	0 31	20 24	0 26	10 21	16 41	17 35	17 25	11 15	12 51	0 22
W25	20 59	15 32	0 31	21 36	0 30	9 34	1 54	11 4	0 4	21 17	0 50	21 19	0 18	21 12	0 31	20 24	0 26	10 21	16 41	17 36	17 24	11 18	12 52	0 22
T 26	21 10	19 46	0s35	22 9	0 40	9 58	1 54	11 2	0 6	21 16	0 50	21 19	0 18	21 13	0 31	20 23	0 26	10 20	16 42	17 36	17 24	11 21	12 53	0 22
F 27	21 20	23 15	1 40	22 40	0 50	10 23	1 54	11 1	0 9	21 15	0 50	21 20	0 18	21 13	0 31	20 23	0 26	10 20	16 42	17 35	17 23	11 24	12 54	0 22
S 28	21 29	25 43	2 41	23 8	0 59	10 47	1 54	11 1	0 11	21 14	0 50	21 20	0 18	21 13	0 31	20 23	0 26	10 20	16 42	17 35	17 22	11 27	12 55	0 22
S 29	21 39	26 59	3 35	23 34	1 8	11 12	1 53	11 0	0 14	21 13	0 50	21 20	0 18	21 13	0 31	20 23	0 26	10 20	16 42	17 34	17 21	11 30	12 56	0 22
M30	21 48	26 55	4 20	23 57	1 17	11 36	1 53	11 0	0 16	21 12	0 50	21 21	0 18	21 14	0 31	20 22	0 26	10 20	16 43	17 33	17 20	11 33	12 57	0 22
T 31	21n56	25s26	4s53	24n17	1n25	12n 0	1s53	11s 0	0s18	21s11	0n49	21s21	0n18	21s14	0s31	20n22	0s26	10s20	16s43	17n33	17n19	11s37	12n58	0s22

Julian Day Number = 2480154.5, Delta T = 84.06 sec
Ecliptic obliquity = 23°25'51, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°50'05, Lahiri = 24°57'05

ASTRODIENST EPHEMERIS for the year 2078
geocentric

JUNE 2078 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 39 34	10♊57'03	10♒27	20♊ 5	7♉57	27°R49	10°R20	21°R53	27°R 7	26♋50	12♈51	19°R15	18♉25	4♏ 3	5♉27	W 1
T 2	16 43 30	11°54'33	23°41	22°10	9° 8	27♎45	10♐12	21♑50	27♑ 6	26°51	12°51	19♉13	18°22	4°10	5°30	T 2
F 3	16 47 27	12°52'03	7♓12	24°14	10°20	27°42	10° 4	21°47	27° 4	26°53	12°52	19°D12	18°19	4°16	5°33	F 3
S 4	16 51 23	13°49'32	21° 0	26°15	11°31	27°39	9°57	21°44	27° 3	26°55	12°53	19°12	18°16	4°23	5°36	S 4
S 5	16 55 20	14°47'00	5♈ 7	28°14	12°43	27°38	9°49	21°41	27° 1	26°56	12°54	19°13	18°12	4°30	5°39	S 5
M 6	16 59 16	15°44'28	19°30	0♋12	13°54	27°37	9°42	21°38	27° 0	26°58	12°55	19°14	18° 9	4°36	5°42	M 6
T 7	17 3 13	16°41'55	4♉ 7	2° 6	15° 6	27°D37	9°34	21°35	26°58	27° 0	12°55	19°16	18° 6	4°43	5°45	T 7
W 8	17 7 10	17°39'22	18°54	3°59	16°17	27°38	9°27	21°32	26°56	27° 2	12°56	19°R16	18° 3	4°50	5°48	W 8
T 9	17 11 6	18°36'47	3♊45	5°49	17°29	27°39	9°19	21°29	26°55	27° 4	12°57	19°16	18° 0	4°56	5°51	T 9
F 10	17 15 3	19°34'12	18°31	7°36	18°41	27°41	9°12	21°25	26°53	27° 5	12°58	19°14	17°57	5° 3	5°54	F 10
S 11	17 18 59	20°31'37	3♋ 7	9°21	19°52	27°45	9° 4	21°22	26°51	27° 7	12°58	19°10	17°53	5°10	5°57	S 11
S 12	17 22 56	21°29'00	17°24	11° 3	21° 4	27°49	8°57	21°18	26°50	27° 9	12°59	19° 6	17°50	5°16	5°59	S 12
M13	17 26 52	22°26'23	1♌19	12°43	22°16	27°53	8°50	21°15	26°48	27°11	13° 0	19° 1	17°47	5°23	6° 2	M13
T 14	17 30 49	23°23'44	14°49	14°20	23°27	27°59	8°42	21°11	26°46	27°13	13° 0	18°56	17°44	5°30	6° 5	T 14
W15	17 34 45	24°21'05	27°53	15°54	24°39	28° 5	8°35	21° 8	26°44	27°15	13° 1	18°52	17°41	5°36	6° 8	W15
T 16	17 38 42	25°18'24	10♍34	17°26	25°51	28°12	8°28	21° 4	26°42	27°17	13° 1	18°49	17°38	5°43	6°11	T 16
F 17	17 42 39	26°15'43	22°55	18°55	27° 3	28°19	8°21	21° 0	26°40	27°19	13° 2	18°D48	17°34	5°49	6°13	F 17
S 18	17 46 35	27°13'01	5♎ 0	20°22	28°15	28°27	8°14	20°56	26°38	27°21	13° 3	18°48	17°31	5°56	6°16	S 18
S 19	17 50 32	28°10'18	16°55	21°46	29°27	28°36	8° 7	20°53	26°36	27°23	13° 3	18°50	17°28	6° 3	6°18	S 19
M20	17 54 28	29° 7'34	28°44	23° 7	0♊39	28°46	8° 1	20°49	26°34	27°25	13° 4	18°51	17°25	6° 9	6°21	M20
T 21	17 58 25	0♋ 4'49	10♏32	24°25	1°51	28°56	7°54	20°45	26°32	27°27	13° 4	18°53	17°22	6°16	6°23	T 21
W22	18 2 21	1° 2'04	22°23	25°40	3° 3	29° 7	7°47	20°41	26°30	27°29	13° 5	18°R53	17°18	6°23	6°26	W22
T 23	18 6 18	1°59'18	4♐22	26°52	4°15	29°19	7°41	20°37	26°28	27°31	13° 5	18°51	17°15	6°29	6°28	T 23
F 24	18 10 14	2°56'32	16°32	28° 2	5°27	29°31	7°35	20°33	26°26	27°33	13° 5	18°48	17°12	6°36	6°31	F 24
S 25	18 14 11	3°53'45	28°53	29° 8	6°39	29°44	7°29	20°28	26°24	27°35	13° 6	18°43	17° 9	6°43	6°33	S 25
S 26	18 18 8	4°50'58	11♑29	0♌12	7°51	29°58	7°22	20°24	26°21	27°37	13° 6	18°36	17° 6	6°49	6°35	S 26
M27	18 22 4	5°48'11	24°18	1°12	9° 3	0♏12	7°16	20°20	26°19	27°39	13° 7	18°28	17° 3	6°56	6°38	M27
T 28	18 26 1	6°45'23	7♒22	2° 9	10°15	0°26	7°11	20°16	26°17	27°41	13° 7	18°20	16°59	7° 3	6°40	T 28
W29	18 29 57	7°42'35	20°38	3° 2	11°27	0°42	7° 5	20°12	26°15	27°43	13° 7	18°13	16°56	7° 9	6°42	W29
T 30	18 33 54	8♋39'48	4♓ 7	3♌52	12♊40	0♏57	6♐59	20♑ 7	26♑13	27♋45	13♈ 7	18♉ 7	16♉53	7♏16	6♉44	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	22n 5	22s36	5s11	24n35	1n32	12n23	1s52	11s 1	0s20	21s11	0n49	21s22	0n18	21s14	0s31	20n22	0s26	10s20	16s43	17n32	17n18	11s40	12n59	0s23
T 2	22 13	18 33	5 14	24 50	1 38	12 47	1 51	11 1	0 23	21 10	0 49	21 22	0 17	21 15	0 31	20 21	0 26	10 20	16 44	17 31	17 17	11 43	13 0	0 23
F 3	22 20	13 30	5 0	25 3	1 44	13 10	1 51	11 2	0 25	21 9	0 49	21 23	0 17	21 15	0 31	20 21	0 26	10 20	16 44	17 31	17 16	11 46	13 1	0 23
S 4	22 27	7 40	4 28	25 12	1 49	13 32	1 50	11 3	0 27	21 8	0 49	21 23	0 17	21 15	0 31	20 21	0 26	10 20	16 44	17 31	17 16	11 49	13 1	0 23
S 5	22 34	1 20	3 39	25 19	1 54	13 55	1 49	11 5	0 29	21 7	0 49	21 24	0 17	21 16	0 31	20 20	0 26	10 20	16 45	17 31	17 15	11 52	13 2	0 23
M 6	22 40	5n13	2 36	25 23	1 58	14 17	1 48	11 6	0 31	21 6	0 49	21 25	0 17	21 16	0 31	20 20	0 26	10 20	16 45	17 32	17 14	11 55	13 3	0 23
T 7	22 46	11 36	1 22	25 25	2 0	14 39	1 47	11 8	0 33	21 5	0 49	21 25	0 17	21 16	0 31	20 20	0 26	10 20	16 45	17 32	17 13	11 58	13 4	0 23
W 8	22 51	17 24	0 2	25 25	2 3	15 1	1 46	11 10	0 35	21 4	0 48	21 26	0 17	21 17	0 32	20 20	0 26	10 20	16 46	17 32	17 12	12 1	13 5	0 23
T 9	22 57	22 11	1n19	25 22	2 4	15 22	1 45	11 13	0 37	21 3	0 48	21 26	0 17	21 17	0 32	20 19	0 26	10 20	16 46	17 32	17 11	12 4	13 6	0 23
F 10	23 1	25 29	2 33	25 17	2 5	15 43	1 44	11 15	0 39	21 2	0 48	21 27	0 17	21 17	0 32	20 19	0 26	10 20	16 46	17 32	17 10	12 7	13 7	0 23
S 11	23 6	27 1	3 37	25 10	2 4	16 3	1 42	11 18	0 41	21 1	0 48	21 27	0 17	21 18	0 32	20 19	0 26	10 20	16 47	17 31	17 9	12 10	13 8	0 23
S 12	23 9	26 42	4 26	25 1	2 4	16 23	1 41	11 21	0 43	21 0	0 48	21 28	0 17	21 18	0 32	20 18	0 26	10 20	16 47	17 29	17 9	12 13	13 9	0 23
M13	23 13	24 41	4 57	24 51	2 2	16 43	1 40	11 25	0 45	20 59	0 48	21 29	0 17	21 18	0 32	20 18	0 26	10 20	16 47	17 28	17 8	12 16	13 9	0 24
T 14	23 16	21 20	5 11	24 38	2 0	17 3	1 38	11 28	0 46	20 58	0 48	21 29	0 17	21 19	0 32	20 17	0 26	10 20	16 48	17 27	17 7	12 19	13 10	0 24
W15	23 19	17 1	5 8	24 25	1 56	17 22	1 37	11 32	0 48	20 57	0 47	21 30	0 17	21 19	0 32	20 17	0 25	10 20	16 48	17 26	17 6	12 22	13 11	0 24
T 16	23 21	12 4	4 50	24 9	1 53	17 40	1 35	11 36	0 50	20 56	0 47	21 31	0 16	21 20	0 32	20 17	0 25	10 20	16 48	17 25	17 5	12 25	13 12	0 24
F 17	23 23	6 46	4 19	23 53	1 48	17 59	1 33	11 40	0 51	20 55	0 47	21 31	0 16	21 20	0 32	20 16	0 25	10 21	16 49	17 25	17 4	12 28	13 13	0 24
S 18	23 24	1 19	3 36	23 35	1 43	18 16	1 32	11 45	0 53	20 54	0 47	21 32	0 16	21 20	0 32	20 16	0 25	10 21	16 49	17 25	17 3	12 31	13 14	0 24
S 19	23 25	4s 6	2 45	23 16	1 37	18 34	1 30	11 50	0 55	20 53	0 47	21 33	0 16	21 21	0 32	20 16	0 25	10 21	16 49	17 25	17 2	12 34	13 14	0 24
M20	23 26	9 21	1 47	22 56	1 30	18 50	1 28	11 55	0 56	20 52	0 47	21 33	0 16	21 21	0 32	20 15	0 25	10 21	16 50	17 25	17 1	12 37	13 15	0 24
T 21	23 26	14 16	0 45	22 36	1 23	19 7	1 26	12 0	0 58	20 51	0 46	21 34	0 16	21 22	0 32	20 15	0 25	10 21	16 50	17 26	17 1	12 40	13 16	0 24
W22	23 26	18 40	0s19	22 14	1 15	19 23	1 24	12 5	0 59	20 50	0 46	21 35	0 16	21 22	0 32	20 15	0 25	10 21	16 50	17 26	17 0	12 43	13 17	0 24
T 23	23 25	22 22	1 23	21 52	1 7	19 38	1 22	12 11	1 1	20 50	0 46	21 35	0 16	21 22	0 32	20 14	0 25	10 21	16 51	17 25	16 59	12 46	13 17	0 24
F 24	23 24	25 8	2 24	21 30	0 58	19 53	1 20	12 16	1 2	20 49	0 46	21 36	0 16	21 23	0 32	20 14	0 25	10 22	16 51	17 25	16 58	12 49	13 18	0 25
S 25	23 22	26 45	3 19	21 7	0 48	20 7	1 18	12 22	1 4	20 48	0 46	21 37	0 16	21 23	0 32	20 13	0 25	10 22	16 51	17 23	16 57	12 52	13 19	0 25
S 26	23 20	27 1	4 6	20 43	0 38	20 21	1 16	12 28	1 5	20 47	0 46	21 37	0 16	21 24	0 32	20 13	0 25	10 22	16 52	17 21	16 56	12 55	13 19	0 25
M27	23 18	25 51	4 41	20 20	0 27	20 35	1 14	12 35	1 7	20 46	0 45	21 38	0 16	21 24	0 32	20 13	0 25	10 22	16 52	17 19	16 55	12 58	13 20	0 25
T 28	23 15	23 17	5 2	19 56	0 16	20 47	1 12	12 41	1 8	20 45	0 45	21 39	0 16	21 25	0 32	20 12	0 25	10 22	16 53	17 17	16 54	13 1	13 21	0 25
W29	23 12	19 27	5 7	19 32	0 4	21 0	1 10	12 48	1 9	20 45	0 45	21 39	0 15	21 25	0 32	20 12	0 25	10 23	16 53	17 15	16 53	13 4	13 21	0 25
T 30	23n 9	14s35	4s55	19n 9	0s 8	21n11	1s 8	12s54	1s11	20s44	0n45	21s40	0n15	21s25	0s32	20n11	0s25	10s23	16s53	17n13	16n52	13s 7	13n22	0s25

Julian Day Number = 2480185.5, Delta T = 84.10 sec
Ecliptic obliquity = 23°25'50, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°50'09, Lahiri = 24°57'09

ASTRODIENST EPHEMERIS for the year 2078
geocentric

JULY 2078

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 37 50	9♋37'00	17♓47	4♌39	13♊52	1♏14	6°R54	20°R 3	26°R10	27♋48	13♈ 8	18°R 3	16♉50	7♏23	6♉46	F 1
S 2	18 41 47	10°34'12	1♈38	5°21	15° 4	1°31	6♐49	19♑59	26♑ 8	27°50	13° 8	18♉ 1	16°47	7°29	6°48	S 2
S 3	18 45 44	11°31'24	15°39	6° 0	16°16	1°48	6°43	19°54	26° 6	27°52	13° 8	18°D 0	16°44	7°36	6°50	S 3
M 4	18 49 40	12°28'37	29°50	6°35	17°29	2° 6	6°38	19°50	26° 3	27°54	13° 8	18° 1	16°40	7°42	6°52	M 4
T 5	18 53 37	13°25'50	14♉ 8	7° 6	18°41	2°25	6°33	19°46	26° 1	27°56	13° 9	18°R 2	16°37	7°49	6°54	T 5
W 6	18 57 33	14°23'03	28°32	7°33	19°54	2°44	6°29	19°41	25°59	27°58	13° 9	18° 1	16°34	7°56	6°56	W 6
T 7	19 1 30	15°20'17	12♊59	7°55	21° 6	3° 3	6°24	19°37	25°56	28° 1	13° 9	17°59	16°31	8° 2	6°58	T 7
F 8	19 5 26	16°17'31	27°23	8°13	22°19	3°23	6°20	19°33	25°54	28° 3	13° 9	17°54	16°28	8° 9	7° 0	F 8
S 9	19 9 23	17°14'45	11♋40	8°27	23°31	3°44	6°15	19°28	25°52	28° 5	13° 9	17°47	16°24	8°16	7° 2	S 9
S 10	19 13 19	18°11'59	25°44	8°36	24°44	4° 5	6°11	19°24	25°49	28° 7	13° 9	17°38	16°21	8°22	7° 3	S 10
M11	19 17 16	19° 9'13	9♌29	8°R40	25°56	4°26	6° 7	19°19	25°47	28° 9	13° 9	17°28	16°18	8°29	7° 5	M11
T 12	19 21 13	20° 6'27	22°54	8°39	27° 9	4°48	6° 4	19°15	25°45	28°12	13° 9	17°18	16°15	8°36	7° 6	T 12
W13	19 25 9	21° 3'41	5♍56	8°34	28°22	5°10	6° 0	19°10	25°42	28°14	13°R 9	17°10	16°12	8°42	7° 8	W13
T 14	19 29 6	22° 0'55	18°36	8°24	29°34	5°33	5°57	19° 6	25°40	28°16	13° 9	17° 3	16° 9	8°49	7° 9	T 14
F 15	19 33 2	22°58'09	0♎57	8° 9	0♋47	5°56	5°53	19° 2	25°37	28°18	13° 9	16°59	16° 5	8°56	7°11	F 15
S 16	19 36 59	23°55'23	13° 3	7°50	2° 0	6°20	5°50	18°57	25°35	28°20	13° 9	16°56	16° 2	9° 2	7°12	S 16
S 17	19 40 55	24°52'38	24°58	7°26	3°13	6°44	5°47	18°53	25°33	28°23	13° 9	16°D56	15°59	9° 9	7°14	S 17
M18	19 44 52	25°49'52	6♏47	6°58	4°25	7° 8	5°45	18°48	25°30	28°25	13° 9	16°56	15°56	9°16	7°15	M18
T 19	19 48 48	26°47'06	18°36	6°27	5°38	7°33	5°42	18°44	25°28	28°27	13° 9	16°R56	15°53	9°22	7°16	T 19
W20	19 52 45	27°44'21	0♐30	5°53	6°51	7°58	5°40	18°40	25°25	28°29	13° 9	16°55	15°50	9°29	7°17	W20
T 21	19 56 42	28°41'36	12°34	5°15	8° 4	8°24	5°37	18°35	25°23	28°31	13° 9	16°53	15°46	9°35	7°18	T 21
F 22	20 0 38	29°38'51	24°52	4°36	9°17	8°50	5°35	18°31	25°20	28°34	13° 8	16°47	15°43	9°42	7°20	F 22
S 23	20 4 35	0♌36'07	7♑26	3°55	10°30	9°16	5°33	18°27	25°18	28°36	13° 8	16°40	15°40	9°49	7°21	S 23
S 24	20 8 31	1°33'23	20°18	3°13	11°43	9°43	5°32	18°23	25°16	28°38	13° 8	16°30	15°37	9°55	7°22	S 24
M25	20 12 28	2°30'40	3♒28	2°30	12°56	10°10	5°30	18°18	25°13	28°40	13° 8	16°18	15°34	10° 2	7°22	M25
T 26	20 16 24	3°27'57	16°55	1°49	14° 9	10°38	5°29	18°14	25°11	28°43	13° 7	16° 7	15°30	10° 9	7°23	T 26
W27	20 20 21	4°25'14	0♓36	1° 9	15°22	11° 5	5°28	18°10	25° 9	28°45	13° 7	15°56	15°27	10°15	7°24	W27
T 28	20 24 17	5°22'33	14°28	0°30	16°35	11°33	5°27	18° 6	25° 6	28°47	13° 7	15°46	15°24	10°22	7°25	T 28
F 29	20 28 14	6°19'52	28°27	29♋55	17°48	12° 2	5°26	18° 2	25° 4	28°49	13° 6	15°40	15°21	10°29	7°26	F 29
S 30	20 32 11	7°17'13	12♈31	29°23	19° 2	12°30	5°25	17°58	25° 2	28°51	13° 6	15°36	15°18	10°35	7°26	S 30
S 31	20 36 7	8♌14'34	26♈37	28♋55	20♋15	12♏59	5♐25	17♑54	24♑59	28♋54	13♈ 6	15♉34	15♉15	10♏42	7♉27	S 31

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	23n 5	8s55	4s27	18n45	0s21	21n23	1s 5	13s 1	1s12	20s43	0n45	21s41	0n15	21s26	0s32	20n11	0s25	10s23	16s54	17n12	16n52	13s10	13n22	0s25	F 1
S 2	23 1	2 45	3 43	18 22	0 34	21 33	1 3	13 8	1 13	20 43	0 44	21 42	0 15	21 26	0 32	20 11	0 25	10 23	16 54	17 11	16 51	13 13	13 23	0 25	S 2
S 3	22 56	3n37	2 45	18 0	0 48	21 43	1 1	13 15	1 14	20 42	0 44	21 42	0 15	21 27	0 32	20 10	0 25	10 23	16 54	17 11	16 50	13 16	13 24	0 25	S 3
M 4	22 51	9 54	1 36	17 37	1 2	21 53	0 58	13 23	1 15	20 41	0 44	21 43	0 15	21 27	0 32	20 10	0 25	10 24	16 55	17 12	16 49	13 19	13 24	0 26	M 4
T 5	22 45	15 44	0 21	17 16	1 16	22 1	0 56	13 30	1 17	20 41	0 44	21 44	0 15	21 28	0 32	20 9	0 25	10 24	16 55	17 12	16 48	13 22	13 25	0 26	T 5
W 6	22 39	20 44	0n56	16 55	1 31	22 10	0 53	13 38	1 18	20 40	0 44	21 44	0 15	21 28	0 32	20 9	0 25	10 24	16 56	17 12	16 47	13 25	13 25	0 26	W 6
T 7	22 33	24 29	2 10	16 35	1 45	22 17	0 51	13 46	1 19	20 39	0 43	21 45	0 15	21 29	0 32	20 9	0 25	10 25	16 56	17 11	16 46	13 28	13 26	0 26	T 7
F 8	22 26	26 39	3 14	16 16	2 0	22 24	0 48	13 53	1 20	20 39	0 43	21 46	0 15	21 29	0 32	20 8	0 25	10 25	16 56	17 10	16 45	13 31	13 26	0 26	F 8
S 9	22 19	27 1	4 6	15 58	2 15	22 31	0 46	14 1	1 21	20 38	0 43	21 47	0 15	21 29	0 32	20 8	0 25	10 25	16 57	17 8	16 44	13 34	13 27	0 26	S 9
S 10	22 12	25 37	4 42	15 41	2 30	22 36	0 43	14 10	1 22	20 38	0 43	21 47	0 15	21 30	0 32	20 7	0 25	10 25	16 57	17 5	16 43	13 37	13 27	0 26	S 10
M11	22 4	22 42	5 1	15 26	2 45	22 41	0 41	14 18	1 23	20 37	0 43	21 48	0 14	21 30	0 32	20 7	0 25	10 26	16 57	17 2	16 42	13 40	13 28	0 26	M11
T 12	21 56	18 38	5 3	15 12	3 0	22 46	0 38	14 26	1 24	20 37	0 42	21 49	0 14	21 31	0 32	20 6	0 25	10 26	16 58	17 0	16 42	13 43	13 28	0 26	T 12
W13	21 47	13 47	4 48	14 59	3 15	22 50	0 36	14 35	1 25	20 37	0 42	21 49	0 14	21 31	0 32	20 6	0 25	10 26	16 58	16 57	16 41	13 46	13 28	0 26	W13
T 14	21 38	8 29	4 20	14 48	3 29	22 53	0 33	14 43	1 26	20 36	0 42	21 50	0 14	21 32	0 32	20 6	0 25	10 27	16 58	16 55	16 40	13 49	13 29	0 26	T 14
F 15	21 29	2 59	3 40	14 39	3 42	22 55	0 30	14 52	1 27	20 36	0 42	21 51	0 14	21 32	0 32	20 5	0 25	10 27	16 59	16 54	16 39	13 52	13 29	0 27	F 15
S 16	21 19	2s32	2 50	14 31	3 55	22 57	0 28	15 0	1 28	20 36	0 41	21 52	0 14	21 33	0 32	20 5	0 25	10 27	16 59	16 53	16 38	13 54	13 30	0 27	S 16
S 17	21 9	7 53	1 54	14 25	4 7	22 58	0 25	15 9	1 29	20 35	0 41	21 52	0 14	21 33	0 32	20 4	0 25	10 28	17 0	16 53	16 37	13 57	13 30	0 27	S 17
M18	20 58	12 56	0 54	14 21	4 18	22 59	0 23	15 18	1 30	20 35	0 41	21 53	0 14	21 34	0 32	20 4	0 25	10 28	17 0	16 53	16 36	14 0	13 30	0 27	M18
T 19	20 48	17 30	0s 9	14 19	4 29	22 59	0 20	15 27	1 30	20 35	0 41	21 54	0 14	21 34	0 32	20 3	0 25	10 29	17 0	16 53	16 35	14 3	13 30	0 27	T 19
W20	20 36	21 25	1 12	14 19	4 37	22 58	0 17	15 36	1 31	20 34	0 41	21 54	0 14	21 34	0 32	20 3	0 25	10 29	17 1	16 53	16 34	14 6	13 31	0 27	W20
T 21	20 25	24 28	2 12	14 20	4 45	22 56	0 15	15 45	1 32	20 34	0 40	21 55	0 14	21 35	0 32	20 2	0 25	10 29	17 1	16 52	16 33	14 9	13 31	0 27	T 21
F 22	20 13	26 27	3 7	14 24	4 51	22 54	0 12	15 54	1 33	20 34	0 40	21 56	0 14	21 35	0 32	20 2	0 25	10 30	17 1	16 51	16 32	14 12	13 31	0 27	F 22
S 23	20 1	27 7	3 54	14 29	4 55	22 52	0 9	16 3	1 34	20 34	0 40	21 56	0 13	21 36	0 32	20 2	0 25	10 30	17 2	16 49	16 31	14 15	13 32	0 27	S 23
S 24	19 48	26 21	4 31	14 36	4 58	22 48	0 7	16 13	1 34	20 34	0 40	21 57	0 13	21 36	0 32	20 1	0 25	10 31	17 2	16 46	16 31	14 18	13 32	0 27	S 24
M25	19 36	24 8	4 54	14 44	4 59	22 44	0 4	16 22	1 35	20 34	0 40	21 58	0 13	21 37	0 32	20 1	0 25	10 31	17 2	16 43	16 30	14 21	13 32	0 28	M25
T 26	19 22	20 32	5 1	14 54	4 58	22 39	0 2	16 31	1 36	20 34	0 39	21 58	0 13	21 37	0 32	20 0	0 25	10 31	17 3	16 39	16 29	14 24	13 32	0 28	T 26
W27	19 9	15 48	4 51	15 5	4 56	22 34	0n 1	16 41	1 36	20 34	0 39	21 59	0 13	21 38	0 32	20 0	0 25	10 32	17 3	16 36	16 28	14 27	13 32	0 28	W27
T 28	18 55	10 11	4 25	15 17	4 51	22 28	0 4	16 50	1 37	20 34	0 39	22 0	0 13	21 38	0 32	19 59	0 25	10 32	17 3	16 33	16 27	14 30	13 32	0 28	T 28
F 29	18 41	4 1	3 42	15 31	4 45	22 21	0 6	16 59	1 38	20 34	0 39	22 0	0 13	21 38	0 32	19 59	0 25	10 33	17 4	16 31	16 26	14 33	13 33	0 28	F 29
S 30	18 27	2n24	2 45	15 44	4 38	22 13	0 9	17 9	1 38	20 34	0 38	22 1	0 13	21 39	0 32	19 58	0 25	10 33	17 4	16 30	16 25	14 35	13 33	0 28	S 30
S 31	18n12	8n44	1s39	15n59	4s29	22n 5	0n11	17s18	1s39	20s34	0n38	22s 2	0n13	21s39	0s32	19n58	0s25	10s34	17s 4	16n30	16n24	14s38	13n33	0s28	S 31

Julian Day Number = 2480215.5, Delta T = 84.13 sec
Ecliptic obliquity = 23°25'51, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°50'13, Lahiri = 24°57'14

ASTRODIENST EPHEMERIS for the year 2078
geocentric

AUGUST 2078

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 40 4	9♌11'57	10♉44	28°R32	21♋28	13♏29	5°R25	17°R50	24°R57	28♋56	13°R 5	15°R34	15♉11	10♏49	7♉27	M 1
T 2	20 44 0	10° 9'20	24°51	28♋14	22°41	13°58	5°D25	17♑46	24♑55	28°58	13♈ 5	15♉34	15° 8	10°55	7°28	T 2
W 3	20 47 57	11° 6'45	8♊58	28° 2	23°55	14°28	5♐25	17°42	24°52	29° 0	13° 5	15°32	15° 5	11° 2	7°28	W 3
T 4	20 51 53	12° 4'11	23° 2	27°56	25° 8	14°59	5°25	17°38	24°50	29° 2	13° 4	15°29	15° 2	11° 9	7°29	T 4
F 5	20 55 50	13° 1'39	7♋ 1	27°D55	26°21	15°29	5°26	17°34	24°48	29° 5	13° 4	15°23	14°59	11°15	7°29	F 5
S 6	20 59 46	13°59'07	20°53	28° 2	27°35	16° 0	5°27	17°30	24°46	29° 7	13° 3	15°14	14°56	11°22	7°29	S 6
S 7	21 3 43	14°56'36	4♌34	28°14	28°48	16°31	5°27	17°27	24°43	29° 9	13° 3	15° 3	14°52	11°28	7°30	S 7
M 8	21 7 40	15°54'07	18° 2	28°34	0♌ 2	17° 3	5°28	17°23	24°41	29°11	13° 2	14°50	14°49	11°35	7°30	M 8
T 9	21 11 36	16°51'38	1♍12	29° 0	1°15	17°34	5°30	17°20	24°39	29°13	13° 1	14°38	14°46	11°42	7°30	T 9
W10	21 15 33	17°49'10	14° 4	29°32	2°29	18° 6	5°31	17°16	24°37	29°15	13° 1	14°27	14°43	11°48	7°R30	W10
T 11	21 19 29	18°46'44	26°38	0♌12	3°43	18°38	5°33	17°13	24°35	29°18	13° 0	14°17	14°40	11°55	7°30	T 11
F 12	21 23 26	19°44'18	8♎55	0°58	4°56	19°11	5°35	17° 9	24°33	29°20	13° 0	14°11	14°36	12° 2	7°30	F 12
S 13	21 27 22	20°41'53	20°58	1°51	6°10	19°43	5°37	17° 6	24°30	29°22	12°59	14° 7	14°33	12° 8	7°30	S 13
S 14	21 31 19	21°39'29	2♏52	2°50	7°24	20°16	5°39	17° 3	24°28	29°24	12°58	14° 5	14°30	12°15	7°30	S 14
M15	21 35 15	22°37'06	14°40	3°55	8°37	20°50	5°41	17° 0	24°26	29°26	12°58	14°D 5	14°27	12°22	7°29	M15
T 16	21 39 12	23°34'44	26°29	5° 6	9°51	21°23	5°44	16°56	24°24	29°28	12°57	14°R 5	14°24	12°28	7°29	T 16
W17	21 43 9	24°32'23	8♐24	6°23	11° 5	21°57	5°46	16°53	24°22	29°30	12°56	14° 4	14°21	12°35	7°29	W17
T 18	21 47 5	25°30'03	20°30	7°45	12°19	22°31	5°49	16°50	24°20	29°32	12°56	14° 2	14°17	12°42	7°28	T 18
F 19	21 51 2	26°27'44	2♑52	9°12	13°32	23° 5	5°52	16°48	24°18	29°34	12°55	13°57	14°14	12°48	7°28	F 19
S 20	21 54 58	27°25'26	15°34	10°45	14°46	23°39	5°55	16°45	24°17	29°36	12°54	13°50	14°11	12°55	7°27	S 20
S 21	21 58 55	28°23'10	28°37	12°21	16° 0	24°14	5°59	16°42	24°15	29°38	12°53	13°41	14° 8	13° 1	7°27	S 21
M22	22 2 51	29°20'54	12♒ 4	14° 2	17°14	24°49	6° 2	16°39	24°13	29°40	12°53	13°30	14° 5	13° 8	7°26	M22
T 23	22 6 48	0♍18'40	25°51	15°46	18°28	25°24	6° 6	16°37	24°11	29°42	12°52	13°19	14° 2	13°15	7°26	T 23
W24	22 10 44	1°16'27	9♓56	17°34	19°42	25°59	6°10	16°34	24° 9	29°44	12°51	13° 8	13°58	13°21	7°25	W24
T 25	22 14 41	2°14'16	24°13	19°24	20°56	26°34	6°14	16°32	24° 8	29°46	12°50	12°59	13°55	13°28	7°24	T 25
F 26	22 18 38	3°12'06	8♈37	21°16	22°10	27°10	6°18	16°29	24° 6	29°48	12°49	12°53	13°52	13°35	7°23	F 26
S 27	22 22 34	4° 9'57	23° 3	23°11	23°24	27°46	6°23	16°27	24° 4	29°50	12°48	12°49	13°49	13°41	7°22	S 27
S 28	22 26 31	5° 7'51	7♉25	25° 7	24°38	28°22	6°27	16°25	24° 3	29°52	12°48	12°D47	13°46	13°48	7°22	S 28
M29	22 30 27	6° 5'47	21°41	27° 4	25°52	28°58	6°32	16°23	24° 1	29°54	12°47	12°48	13°42	13°55	7°21	M29
T 30	22 34 24	7° 3'44	5♊49	29° 1	27° 7	29°35	6°37	16°21	23°59	29°56	12°46	12°R48	13°39	14° 1	7°20	T 30
W31	22 38 20	8♍ 1'43	19♊47	0♍59	28♌21	0♐11	6♐42	16♑19	23♑58	29♋57	12♈45	12♉47	13♉36	14♏ 8	7♉18	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	17n57	14n38	0s26	16n14	4s18	21n57	0n14	17s28	1s40	20s35	0n38	22s 2	0n13	21s40	0s32	19n58	0s25	10s34	17s 5	16n30	16n23	14s41	13n33	0s28
T 2	17 42	19 46	0n49	16 29	4 7	21 47	0 16	17 37	1 40	20 35	0 38	22 3	0 12	21 40	0 32	19 57	0 25	10 35	17 5	16 30	16 22	14 44	13 33	0 28
W 3	17 26	23 46	2 0	16 43	3 54	21 37	0 19	17 47	1 41	20 35	0 38	22 3	0 12	21 41	0 32	19 57	0 25	10 35	17 6	16 29	16 21	14 47	13 33	0 29
T 4	17 10	26 19	3 4	16 58	3 40	21 27	0 21	17 56	1 41	20 35	0 37	22 4	0 12	21 41	0 32	19 56	0 25	10 36	17 6	16 28	16 20	14 50	13 33	0 29
F 5	16 54	27 11	3 56	17 13	3 26	21 15	0 23	18 6	1 42	20 36	0 37	22 5	0 12	21 41	0 32	19 56	0 25	10 36	17 6	16 26	16 19	14 53	13 33	0 29
S 6	16 38	26 19	4 34	17 26	3 10	21 4	0 26	18 15	1 43	20 36	0 37	22 5	0 12	21 42	0 32	19 55	0 25	10 36	17 6	16 24	16 19	14 56	13 33	0 29
S 7	16 21	23 53	4 55	17 39	2 55	20 51	0 28	18 25	1 43	20 36	0 37	22 6	0 12	21 42	0 32	19 55	0 25	10 37	17 7	16 21	16 18	14 59	13 33	0 29
M 8	16 4	20 10	5 0	17 51	2 39	20 38	0 31	18 34	1 44	20 37	0 36	22 6	0 12	21 43	0 32	19 55	0 25	10 37	17 7	16 17	16 17	15 2	13 33	0 29
T 9	15 47	15 32	4 48	18 2	2 22	20 24	0 33	18 44	1 44	20 37	0 36	22 7	0 12	21 43	0 32	19 54	0 25	10 38	17 7	16 13	16 16	15 4	13 33	0 29
W10	15 29	10 17	4 22	18 11	2 6	20 10	0 35	18 53	1 45	20 38	0 36	22 7	0 12	21 43	0 32	19 54	0 25	10 38	17 8	16 10	16 15	15 7	13 33	0 29
T 11	15 11	4 45	3 43	18 19	1 49	19 55	0 37	19 3	1 45	20 38	0 36	22 8	0 12	21 44	0 32	19 53	0 25	10 39	17 8	16 7	16 14	15 10	13 33	0 29
F 12	14 53	0s51	2 55	18 26	1 33	19 40	0 40	19 12	1 45	20 39	0 36	22 8	0 12	21 44	0 32	19 53	0 25	10 39	17 8	16 5	16 13	15 13	13 33	0 29
S 13	14 35	6 20	1 59	18 30	1 16	19 24	0 42	19 22	1 46	20 39	0 35	22 9	0 11	21 44	0 32	19 52	0 25	10 40	17 9	16 4	16 12	15 16	13 32	0 30
S 14	14 17	11 32	0 59	18 33	1 0	19 7	0 44	19 31	1 46	20 40	0 35	22 9	0 11	21 45	0 32	19 52	0 25	10 41	17 9	16 4	16 11	15 19	13 32	0 30
M15	13 58	16 17	0s 3	18 33	0 45	18 50	0 46	19 40	1 47	20 40	0 35	22 10	0 11	21 45	0 32	19 51	0 25	10 41	17 9	16 4	16 10	15 22	13 32	0 30
T 16	13 39	20 25	1 5	18 31	0 29	18 33	0 48	19 49	1 47	20 41	0 35	22 10	0 11	21 45	0 32	19 51	0 25	10 42	17 10	16 4	16 9	15 25	13 32	0 30
W17	13 20	23 46	2 5	18 26	0 15	18 15	0 50	19 59	1 47	20 42	0 35	22 11	0 11	21 46	0 32	19 51	0 25	10 42	17 10	16 3	16 8	15 27	13 32	0 30
T 18	13 1	26 5	3 0	18 19	0 1	17 56	0 52	20 8	1 48	20 42	0 34	22 11	0 11	21 46	0 32	19 50	0 25	10 43	17 10	16 3	16 7	15 30	13 32	0 30
F 19	12 41	27 12	3 48	18 9	0n12	17 37	0 54	20 17	1 48	20 43	0 34	22 12	0 11	21 46	0 32	19 50	0 25	10 43	17 10	16 1	16 6	15 33	13 31	0 30
S 20	12 22	26 56	4 26	17 56	0 25	17 17	0 56	20 26	1 48	20 44	0 34	22 12	0 11	21 47	0 32	19 49	0 25	10 44	17 11	15 59	16 5	15 36	13 31	0 30
S 21	12 2	25 11	4 52	17 40	0 37	16 57	0 57	20 35	1 49	20 45	0 34	22 13	0 11	21 47	0 32	19 49	0 25	10 44	17 11	15 56	16 4	15 39	13 31	0 30
M22	11 42	22 0	5 2	17 22	0 47	16 36	0 59	20 44	1 49	20 45	0 34	22 13	0 11	21 47	0 32	19 49	0 25	10 45	17 11	15 53	16 4	15 42	13 30	0 30
T 23	11 22	17 31	4 55	17 1	0 57	16 15	1 1	20 53	1 49	20 46	0 33	22 14	0 10	21 48	0 32	19 48	0 25	10 45	17 11	15 50	16 3	15 45	13 30	0 31
W24	11 1	12 0	4 30	16 37	1 6	15 54	1 3	21 1	1 50	20 47	0 33	22 14	0 10	21 48	0 32	19 48	0 25	10 46	17 12	15 46	16 2	15 47	13 30	0 31
T 25	10 40	5 47	3 48	16 11	1 15	15 32	1 4	21 10	1 50	20 48	0 33	22 14	0 10	21 48	0 32	19 47	0 25	10 46	17 12	15 44	16 1	15 50	13 29	0 31
F 26	10 20	0n48	2 51	15 42	1 22	15 9	1 6	21 18	1 50	20 49	0 33	22 15	0 10	21 49	0 32	19 47	0 25	10 47	17 12	15 42	16 0	15 53	13 29	0 31
S 27	9 59	7 22	1 43	15 10	1 28	14 46	1 7	21 27	1 50	20 50	0 32	22 15	0 10	21 49	0 32	19 47	0 25	10 47	17 12	15 41	15 59	15 56	13 29	0 31
S 28	9 38	13 32	0 29	14 37	1 33	14 23	1 9	21 35	1 51	20 51	0 32	22 15	0 10	21 49	0 32	19 46	0 25	10 48	17 13	15 40	15 58	15 59	13 28	0 31
M29	9 16	18 56	0n47	14 1	1 38	13 59	1 10	21 44	1 51	20 52	0 32	22 16	0 10	21 49	0 32	19 46	0 25	10 49	17 13	15 40	15 57	16 2	13 28	0 31
T 30	8 55	23 14	1 59	13 23	1 41	13 35	1 11	21 52	1 51	20 53	0 32	22 16	0 10	21 50	0 32	19 45	0 25	10 49	17 13	15 40	15 56	16 4	13 27	0 31
W31	8n33	26n 6	3n 4	12n44	1n44	13n11	1n13	22s 0	1s51	20s54	0n32	22s16	0n10	21s50	0s32	19n45	0s25	10s50	17s13	15n40	15n55	16s 7	13n27	0s31

Julian Day Number = 2480246.5, Delta T = 84.16 sec
Ecliptic obliquity = 23°25'51, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°50'17, Lahiri = 24°57'18

ASTRODIENST EPHEMERIS for the year 2078
geocentric

SEPTEMBER 2078 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 42 17	8♍59'44	3♋37	2♍58	29♌35	0♐48	6♐47	16°R17	23°R56	29♋59	12°R44	12°R45	13♉33	14♏15	7°R17	T 1
F 2	22 46 13	9°57'48	17°16	4°56	0♍49	1°25	6°52	16♑15	23♑55	0♌ 1	12♈43	12♉40	13°30	14°21	7♉16	F 2
S 3	22 50 10	10°55'53	0♌44	6°54	2° 3	2° 2	6°58	16°14	23°54	0° 3	12°42	12°33	13°27	14°28	7°15	S 3
S 4	22 54 7	11°53'59	14° 1	8°51	3°18	2°39	7° 4	16°12	23°52	0° 5	12°41	12°24	13°23	14°35	7°14	S 4
M 5	22 58 3	12°52'08	27° 5	10°48	4°32	3°17	7° 9	16°11	23°51	0° 6	12°40	12°13	13°20	14°41	7°12	M 5
T 6	23 2 0	13°50'18	9♍56	12°44	5°47	3°55	7°15	16° 9	23°50	0° 8	12°39	12° 3	13°17	14°48	7°11	T 6
W 7	23 5 56	14°48'30	22°32	14°39	7° 1	4°33	7°21	16° 8	23°48	0°10	12°38	11°53	13°14	14°54	7°10	W 7
T 8	23 9 53	15°46'44	4♎55	16°33	8°15	5°11	7°28	16° 7	23°47	0°12	12°37	11°46	13°11	15° 1	7° 8	T 8
F 9	23 13 49	16°44'59	17° 4	18°26	9°30	5°49	7°34	16° 6	23°46	0°13	12°36	11°40	13° 7	15° 8	7° 7	F 9
S 10	23 17 46	17°43'16	29° 3	20°18	10°44	6°27	7°41	16° 5	23°45	0°15	12°35	11°37	13° 4	15°14	7° 5	S 10
S 11	23 21 42	18°41'34	10♏54	22° 9	11°59	7° 6	7°47	16° 4	23°44	0°16	12°34	11°D36	13° 1	15°21	7° 3	S 11
M12	23 25 39	19°39'54	22°41	23°59	13°13	7°45	7°54	16° 3	23°43	0°18	12°33	11°37	12°58	15°28	7° 2	M12
T 13	23 29 36	20°38'16	4♐28	25°48	14°28	8°24	8° 1	16° 2	23°42	0°20	12°32	11°38	12°55	15°34	7° 0	T 13
W14	23 33 32	21°36'40	16°22	27°36	15°42	9° 3	8° 9	16° 2	23°41	0°21	12°31	11°R39	12°52	15°41	6°58	W14
T 15	23 37 29	22°35'05	28°27	29°23	16°57	9°42	8°16	16° 1	23°40	0°23	12°30	11°39	12°48	15°48	6°56	T 15
F 16	23 41 25	23°33'31	10♑48	1♎ 8	18°11	10°21	8°23	16° 1	23°39	0°24	12°29	11°37	12°45	15°54	6°55	F 16
S 17	23 45 22	24°32'00	23°31	2°53	19°26	11° 1	8°31	16° 1	23°38	0°26	12°27	11°34	12°42	16° 1	6°53	S 17
S 18	23 49 18	25°30'29	6♒37	4°36	20°41	11°40	8°38	16° 0	23°38	0°27	12°26	11°28	12°39	16° 8	6°51	S 18
M19	23 53 15	26°29'01	20°10	6°18	21°55	12°20	8°46	16° 0	23°37	0°29	12°25	11°22	12°36	16°14	6°49	M19
T 20	23 57 11	27°27'34	4♓ 8	8° 0	23°10	13° 0	8°54	16°D 0	23°36	0°30	12°24	11°15	12°33	16°21	6°47	T 20
W21	0 1 8	28°26'09	18°29	9°40	24°25	13°40	9° 2	16° 0	23°36	0°31	12°23	11° 8	12°29	16°27	6°45	W21
T 22	0 5 5	29°24'46	3♈ 7	11°19	25°39	14°20	9°11	16° 0	23°35	0°33	12°22	11° 2	12°26	16°34	6°43	T 22
F 23	0 9 1	0♎23'24	17°55	12°57	26°54	15° 1	9°19	16° 1	23°35	0°34	12°21	10°58	12°23	16°41	6°40	F 23
S 24	0 12 58	1°22'05	2♉45	14°35	28° 9	15°41	9°27	16° 1	23°34	0°35	12°20	10°57	12°20	16°47	6°38	S 24
S 25	0 16 54	2°20'48	17°30	16°11	29°23	16°22	9°36	16° 2	23°34	0°37	12°18	10°D57	12°17	16°54	6°36	S 25
M26	0 20 51	3°19'33	2♊ 5	17°46	0♎38	17° 2	9°45	16° 2	23°34	0°38	12°17	10°58	12°13	17° 1	6°34	M26
T 27	0 24 47	4°18'21	16°24	19°21	1°53	17°43	9°53	16° 3	23°33	0°39	12°16	10°59	12°10	17° 7	6°31	T 27
W28	0 28 44	5°17'11	0♋27	20°54	3° 8	18°24	10° 2	16° 4	23°33	0°40	12°15	11°R 0	12° 7	17°14	6°29	W28
T 29	0 32 40	6°16'03	14°13	22°27	4°23	19° 5	10°11	16° 4	23°33	0°41	12°14	11° 0	12° 4	17°21	6°27	T 29
F 30	0 36 37	7♎14'58	27♋41	23♎59	5♎37	19♐47	10♐21	16♑ 5	23♑33	0♌42	12♈13	10♉58	12♉ 1	17♏27	6♉24	F 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	
T 1	8n12	27n19	3n57	12n 3	1n45	12n46	1n14	22s 8	1s52	20s55	0n32	22s17	0n10	21s50	0s32	19n45	0s25	10s50	17s14	15n40	15n54	16s10	13n27	0s32	T 1
F 2	7 50	26 52	4 35	11 21	1 46	12 21	1 15	22 16	1 52	20 56	0 31	22 17	0 9	21 50	0 32	19 44	0 25	10 51	17 14	15 38	15 53	16 13	13 26	0 32	F 2
S 3	7 28	24 50	4 58	10 38	1 47	11 55	1 16	22 23	1 52	20 57	0 31	22 17	0 9	21 51	0 32	19 44	0 25	10 51	17 14	15 36	15 52	16 16	13 26	0 32	S 3
S 4	7 6	21 28	5 4	9 53	1 46	11 30	1 17	22 31	1 52	20 58	0 31	22 18	0 9	21 51	0 32	19 43	0 25	10 52	17 14	15 33	15 51	16 18	13 25	0 32	S 4
M 5	6 44	17 5	4 54	9 8	1 45	11 3	1 18	22 38	1 52	21 0	0 31	22 18	0 9	21 51	0 32	19 43	0 25	10 52	17 14	15 30	15 50	16 21	13 25	0 32	M 5
T 6	6 21	12 0	4 29	8 22	1 44	10 37	1 19	22 46	1 52	21 1	0 31	22 18	0 9	21 51	0 32	19 43	0 25	10 53	17 15	15 27	15 49	16 24	13 24	0 32	T 6
W 7	5 59	6 30	3 52	7 36	1 41	10 10	1 20	22 53	1 52	21 2	0 30	22 18	0 9	21 52	0 32	19 42	0 25	10 54	17 15	15 24	15 48	16 27	13 23	0 32	W 7
T 8	5 36	0 52	3 4	6 49	1 39	9 43	1 21	23 0	1 52	21 3	0 30	22 19	0 9	21 52	0 32	19 42	0 25	10 54	17 15	15 21	15 47	16 30	13 23	0 32	T 8
F 9	5 14	4s44	2 8	6 2	1 35	9 16	1 22	23 7	1 53	21 4	0 30	22 19	0 9	21 52	0 32	19 42	0 25	10 55	17 15	15 20	15 46	16 32	13 22	0 32	F 9
S 10	4 51	10 5	1 7	5 15	1 32	8 48	1 22	23 14	1 53	21 6	0 30	22 19	0 9	21 52	0 32	19 41	0 25	10 55	17 15	15 19	15 45	16 35	13 22	0 32	S 10
S 11	4 28	15 2	0 4	4 27	1 27	8 21	1 23	23 20	1 53	21 7	0 30	22 19	0 9	21 52	0 32	19 41	0 25	10 56	17 15	15 19	15 44	16 38	13 21	0 33	S 11
M12	4 5	19 23	0s59	3 39	1 23	7 53	1 23	23 27	1 53	21 8	0 29	22 20	0 8	21 52	0 32	19 41	0 25	10 56	17 16	15 19	15 44	16 41	13 20	0 33	M12
T 13	3 43	23 0	2 0	2 52	1 18	7 24	1 24	23 33	1 53	21 9	0 29	22 20	0 8	21 53	0 32	19 40	0 25	10 57	17 16	15 19	15 43	16 44	13 20	0 33	T 13
W14	3 20	25 40	2 56	2 4	1 13	6 56	1 24	23 39	1 53	21 11	0 29	22 20	0 8	21 53	0 32	19 40	0 25	10 57	17 16	15 19	15 42	16 46	13 19	0 33	W14
T 15	2 56	27 11	3 46	1 17	1 8	6 27	1 25	23 45	1 53	21 12	0 29	22 20	0 8	21 53	0 32	19 40	0 25	10 58	17 16	15 19	15 41	16 49	13 18	0 33	T 15
F 16	2 33	27 24	4 26	0 30	1 2	5 58	1 25	23 51	1 53	21 13	0 29	22 20	0 8	21 53	0 32	19 39	0 25	10 58	17 16	15 19	15 40	16 52	13 18	0 33	F 16
S 17	2 10	26 13	4 54	0s17	0 56	5 29	1 25	23 57	1 53	21 15	0 29	22 20	0 8	21 53	0 32	19 39	0 25	10 59	17 16	15 18	15 39	16 55	13 17	0 33	S 17
S 18	1 47	23 34	5 8	1 4	0 50	5 0	1 25	24 2	1 53	21 16	0 28	22 20	0 8	21 53	0 32	19 39	0 25	10 59	17 16	15 16	15 38	16 57	13 16	0 33	S 18
M19	1 24	19 35	5 5	1 50	0 43	4 31	1 25	24 8	1 53	21 18	0 28	22 21	0 8	21 53	0 32	19 38	0 25	11 0	17 17	15 14	15 37	17 0	13 15	0 33	M19
T 20	1 1	14 24	4 45	2 36	0 37	4 1	1 25	24 13	1 53	21 19	0 28	22 21	0 8	21 53	0 32	19 38	0 25	11 0	17 17	15 12	15 36	17 3	13 15	0 34	T 20
W21	0 37	8 20	4 6	3 22	0 30	3 32	1 25	24 18	1 53	21 20	0 28	22 21	0 8	21 53	0 32	19 38	0 25	11 1	17 17	15 10	15 35	17 6	13 14	0 34	W21
T 22	0 14	1 41	3 11	4 7	0 23	3 2	1 25	24 23	1 53	21 22	0 28	22 21	0 8	21 54	0 32	19 37	0 25	11 2	17 17	15 8	15 34	17 8	13 13	0 34	T 22
F 23	0s 9	5n 9	2 2	4 52	0 16	2 32	1 25	24 27	1 53	21 23	0 28	22 21	0 7	21 54	0 32	19 37	0 25	11 2	17 17	15 7	15 33	17 11	13 12	0 34	F 23
S 24	0 33	11 44	0 44	5 36	0 9	2 2	1 25	24 32	1 53	21 25	0 27	22 21	0 7	21 54	0 32	19 37	0 25	11 3	17 17	15 6	15 32	17 14	13 12	0 34	S 24
S 25	0 56	17 37	0n36	6 20	0 2	1 32	1 24	24 36	1 52	21 26	0 27	22 21	0 7	21 54	0 32	19 37	0 25	11 3	17 17	15 6	15 31	17 17	13 11	0 34	S 25
M26	1 19	22 25	1 53	7 3	0s 5	1 2	1 24	24 40	1 52	21 28	0 27	22 21	0 7	21 54	0 32	19 36	0 25	11 4	17 17	15 7	15 30	17 19	13 10	0 34	M26
T 27	1 43	25 45	3 1	7 46	0 12	0 32	1 24	24 44	1 52	21 29	0 27	22 21	0 7	21 54	0 32	19 36	0 25	11 4	17 17	15 7	15 29	17 22	13 9	0 34	T 27
W28	2 6	27 23	3 58	8 28	0 19	0 2	1 23	24 47	1 52	21 30	0 27	22 21	0 7	21 54	0 32	19 36	0 25	11 4	17 17	15 7	15 28	17 25	13 8	0 34	W28
T 29	2 29	27 18	4 39	9 9	0 27	0s28	1 23	24 51	1 52	21 32	0 27	22 21	0 7	21 54	0 32	19 36	0 25	11 5	17 17	15 7	15 27	17 28	13 7	0 34	T 29
F 30	2s53	25n35	5n 4	9s50	0s34	0s59	1n22	24s54	1s52	21s33	0n26	22s21	0n 7	21s54	0s32	19n35	0s25	11s 5	17s17	15n 7	15n26	17s30	13n 6	0s35	F 30

Julian Day Number = 2480277.5, Delta T = 84.19 sec
Ecliptic obliquity = 23°25'52, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°50'22, Lahiri = 24°57'22

ASTRODIENST EPHEMERIS for the year 2078
geocentric

OCTOBER 2078 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 40 34	8♎13'55	10♌53	25♎30	6♎52	20♐28	10♐30	16♑ 6	23°R33	0♌44	12°R12	10°R55	11♉58	17♏34	6°R22	S 1
S 2	0 44 30	9°12'53	23°51	27° 0	8° 7	21°10	10°39	16° 8	23♑32	0°45	12♈10	10♉50	11°54	17°41	6♉20	S 2
M 3	0 48 27	10°11'55	6♍34	28°29	9°22	21°51	10°49	16° 9	23°D32	0°46	12° 9	10°45	11°51	17°47	6°17	M 3
T 4	0 52 23	11°10'58	19° 5	29°57	10°37	22°33	10°58	16°10	23°33	0°47	12° 8	10°40	11°48	17°54	6°15	T 4
W 5	0 56 20	12°10'03	1♎25	1♏24	11°52	23°15	11° 8	16°12	23°33	0°48	12° 7	10°35	11°45	18° 0	6°12	W 5
T 6	1 0 16	13° 9'11	13°34	2°50	13° 7	23°57	11°18	16°13	23°33	0°49	12° 6	10°32	11°42	18° 7	6°10	T 6
F 7	1 4 13	14° 8'20	25°34	4°16	14°22	24°39	11°28	16°15	23°33	0°49	12° 4	10°29	11°39	18°14	6° 7	F 7
S 8	1 8 9	15° 7'32	7♏27	5°40	15°37	25°21	11°38	16°17	23°33	0°50	12° 3	10°D28	11°35	18°20	6° 4	S 8
S 9	1 12 6	16° 6'45	19°15	7° 4	16°52	26° 3	11°48	16°18	23°34	0°51	12° 2	10°29	11°32	18°27	6° 2	S 9
M10	1 16 2	17° 6'01	1♐ 1	8°26	18° 7	26°46	11°58	16°20	23°34	0°52	12° 1	10°30	11°29	18°34	5°59	M10
T 11	1 19 59	18° 5'18	12°49	9°48	19°22	27°28	12° 9	16°22	23°34	0°53	12° 0	10°32	11°26	18°40	5°56	T 11
W12	1 23 56	19° 4'37	24°42	11° 8	20°37	28°11	12°19	16°24	23°35	0°53	11°59	10°33	11°23	18°47	5°54	W12
T 13	1 27 52	20° 3'58	6♑46	12°27	21°52	28°54	12°30	16°27	23°35	0°54	11°57	10°35	11°19	18°54	5°51	T 13
F 14	1 31 49	21° 3'21	19° 4	13°45	23° 7	29°36	12°40	16°29	23°36	0°55	11°56	10°R35	11°16	19° 0	5°48	F 14
S 15	1 35 45	22° 2'46	1♒42	15° 1	24°22	0♑19	12°51	16°31	23°36	0°56	11°55	10°35	11°13	19° 7	5°45	S 15
S 16	1 39 42	23° 2'12	14°44	16°17	25°37	1° 2	13° 2	16°34	23°37	0°56	11°54	10°34	11°10	19°14	5°43	S 16
M17	1 43 38	24° 1'40	28°12	17°30	26°52	1°45	13°13	16°37	23°38	0°57	11°53	10°32	11° 7	19°20	5°40	M17
T 18	1 47 35	25° 1'10	12♓ 8	18°43	28° 7	2°29	13°24	16°39	23°39	0°57	11°52	10°30	11° 4	19°27	5°37	T 18
W19	1 51 31	26° 0'41	26°30	19°53	29°22	3°12	13°35	16°42	23°39	0°58	11°51	10°28	11° 0	19°34	5°34	W19
T 20	1 55 28	27° 0'15	11♈16	21° 2	0♏37	3°55	13°46	16°45	23°40	0°58	11°49	10°26	10°57	19°40	5°31	T 20
F 21	1 59 25	27°59'50	26°17	22° 8	1°52	4°39	13°57	16°48	23°41	0°59	11°48	10°25	10°54	19°47	5°29	F 21
S 22	2 3 21	28°59'27	11♉25	23°12	3° 7	5°22	14° 9	16°51	23°42	0°59	11°47	10°D25	10°51	19°53	5°26	S 22
S 23	2 7 18	29°59'07	26°32	24°14	4°22	6° 6	14°20	16°54	23°43	1° 0	11°46	10°25	10°48	20° 0	5°23	S 23
M24	2 11 14	0♏58'49	11♊28	25°13	5°37	6°50	14°32	16°57	23°44	1° 0	11°45	10°26	10°45	20° 7	5°20	M24
T 25	2 15 11	1°58'33	26° 7	26° 9	6°52	7°34	14°43	17° 0	23°45	1° 0	11°44	10°27	10°41	20°13	5°17	T 25
W26	2 19 7	2°58'19	10♋23	27° 2	8° 7	8°17	14°55	17° 4	23°46	1° 1	11°43	10°28	10°38	20°20	5°14	W26
T 27	2 23 4	3°58'07	24°16	27°51	9°22	9° 1	15° 6	17° 7	23°48	1° 1	11°42	10°28	10°35	20°27	5°12	T 27
F 28	2 27 0	4°57'58	7♌45	28°36	10°37	9°45	15°18	17°11	23°49	1° 1	11°41	10°R28	10°32	20°33	5° 9	F 28
S 29	2 30 57	5°57'51	20°52	29°17	11°52	10°30	15°30	17°15	23°50	1° 1	11°40	10°28	10°29	20°40	5° 6	S 29
S 30	2 34 54	6°57'46	3♍38	29°52	13° 8	11°14	15°42	17°18	23°52	1° 1	11°39	10°28	10°25	20°47	5° 3	S 30
M31	2 38 50	7♏57'43	16♍ 8	0♐22	14♏23	11♑58	15♐54	17♑22	23♑53	1♌ 1	11♈38	10♉27	10♉22	20♏53	5♉ 0	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	3 s16	22n30	5n12	10 s30	0 s41	1 s29	1n21	24 s57	1 s52	21 s35	0n26	22 s21	0n 7	21 s54	0 s31	19n35	0 s25	11 s 6	17 s17	15n 6	15n25	17 s33	13n 6	0 s35
S 2	3 39	18 21	5 4	11 9	0 49	1 59	1 21	24 59	1 52	21 36	0 26	22 21	0 7	21 54	0 31	19 35	0 25	11 6	17 17	15 4	15 24	17 36	13 5	0 35
M 3	4 2	13 27	4 41	11 48	0 56	2 29	1 20	25 2	1 51	21 38	0 26	22 21	0 7	21 54	0 31	19 35	0 25	11 7	17 17	15 3	15 23	17 38	13 4	0 35
T 4	4 25	8 5	4 5	12 26	1 3	2 59	1 19	25 4	1 51	21 39	0 26	22 21	0 6	21 54	0 31	19 34	0 25	11 7	17 17	15 1	15 22	17 41	13 3	0 35
W 5	4 48	2 28	3 18	13 4	1 11	3 30	1 18	25 6	1 51	21 41	0 26	22 21	0 6	21 54	0 31	19 34	0 25	11 8	17 17	15 0	15 21	17 44	13 2	0 35
T 6	5 11	3 s10	2 23	13 40	1 18	4 0	1 17	25 8	1 51	21 42	0 25	22 21	0 6	21 54	0 31	19 34	0 25	11 8	17 17	14 59	15 20	17 47	13 1	0 35
F 7	5 34	8 37	1 21	14 16	1 25	4 30	1 16	25 10	1 51	21 44	0 25	22 20	0 6	21 54	0 31	19 34	0 25	11 9	17 17	14 58	15 19	17 49	13 0	0 35
S 8	5 57	13 44	0 17	14 51	1 32	5 0	1 15	25 11	1 50	21 45	0 25	22 20	0 6	21 54	0 31	19 34	0 25	11 9	17 17	14 57	15 18	17 52	12 59	0 35
S 9	6 20	18 18	0 s48	15 25	1 39	5 29	1 14	25 12	1 50	21 47	0 25	22 20	0 6	21 53	0 31	19 33	0 25	11 9	17 17	14 58	15 17	17 55	12 58	0 35
M10	6 43	22 10	1 51	15 58	1 45	5 59	1 12	25 13	1 50	21 48	0 25	22 20	0 6	21 53	0 31	19 33	0 25	11 10	17 17	14 58	15 16	17 57	12 57	0 35
T 11	7 6	25 7	2 49	16 31	1 52	6 29	1 11	25 14	1 50	21 50	0 25	22 20	0 6	21 53	0 31	19 33	0 25	11 10	17 17	14 58	15 15	18 0	12 56	0 36
W12	7 28	27 0	3 41	17 2	1 58	6 58	1 10	25 15	1 49	21 51	0 25	22 20	0 6	21 53	0 31	19 33	0 25	11 11	17 17	14 59	15 14	18 3	12 55	0 36
T 13	7 51	27 38	4 23	17 33	2 5	7 27	1 8	25 15	1 49	21 53	0 24	22 20	0 6	21 53	0 31	19 33	0 25	11 11	17 17	14 59	15 13	18 5	12 54	0 36
F 14	8 13	26 56	4 54	18 2	2 11	7 57	1 7	25 15	1 49	21 54	0 24	22 19	0 6	21 53	0 31	19 33	0 25	11 12	17 17	15 0	15 12	18 8	12 53	0 36
S 15	8 35	24 51	5 13	18 31	2 16	8 25	1 5	25 14	1 49	21 56	0 24	22 19	0 5	21 53	0 31	19 32	0 25	11 12	17 17	14 59	15 11	18 11	12 52	0 36
S 16	8 57	21 26	5 16	18 58	2 22	8 54	1 4	25 14	1 48	21 57	0 24	22 19	0 5	21 53	0 31	19 32	0 25	11 12	17 17	14 59	15 10	18 13	12 51	0 36
M17	9 19	16 48	5 2	19 24	2 27	9 23	1 2	25 13	1 48	21 59	0 24	22 19	0 5	21 53	0 31	19 32	0 25	11 13	17 17	14 59	15 9	18 16	12 50	0 36
T 18	9 41	11 9	4 30	19 50	2 33	9 51	1 1	25 12	1 48	22 0	0 24	22 18	0 5	21 52	0 31	19 32	0 25	11 13	17 17	14 58	15 8	18 19	12 49	0 36
W19	10 3	4 45	3 40	20 14	2 37	10 19	0 59	25 11	1 47	22 2	0 24	22 18	0 5	21 52	0 31	19 32	0 25	11 13	17 17	14 57	15 7	18 21	12 48	0 36
T 20	10 24	2n 5	2 35	20 37	2 42	10 47	0 57	25 9	1 47	22 3	0 23	22 18	0 5	21 52	0 31	19 32	0 25	11 14	17 17	14 57	15 6	18 24	12 47	0 36
F 21	10 46	8 56	1 18	20 58	2 46	11 15	0 56	25 8	1 47	22 5	0 23	22 18	0 5	21 52	0 31	19 32	0 25	11 14	17 17	14 57	15 5	18 27	12 46	0 36
S 22	11 7	15 20	0n 6	21 18	2 50	11 42	0 54	25 6	1 46	22 6	0 23	22 17	0 5	21 52	0 31	19 32	0 25	11 14	17 16	14 56	15 4	18 29	12 45	0 37
S 23	11 28	20 48	1 28	21 37	2 53	12 9	0 52	25 3	1 46	22 8	0 23	22 17	0 5	21 52	0 31	19 32	0 25	11 15	17 16	14 57	15 3	18 32	12 44	0 37
M24	11 49	24 51	2 44	21 54	2 56	12 36	0 50	25 1	1 46	22 9	0 23	22 17	0 5	21 51	0 31	19 32	0 25	11 15	17 16	14 57	15 3	18 34	12 43	0 37
T 25	12 9	27 10	3 48	22 10	2 58	13 3	0 48	24 58	1 45	22 11	0 23	22 16	0 5	21 51	0 31	19 31	0 25	11 15	17 16	14 57	15 2	18 37	12 42	0 37
W26	12 30	27 36	4 35	22 24	2 59	13 29	0 46	24 55	1 45	22 12	0 23	22 16	0 5	21 51	0 31	19 31	0 25	11 16	17 16	14 57	15 1	18 40	12 41	0 37
T 27	12 50	26 16	5 5	22 36	3 0	13 55	0 44	24 52	1 44	22 14	0 22	22 16	0 4	21 51	0 31	19 31	0 25	11 16	17 16	14 57	15 0	18 42	12 40	0 37
F 28	13 10	23 26	5 17	22 47	3 1	14 20	0 42	24 48	1 44	22 15	0 22	22 15	0 4	21 50	0 31	19 31	0 25	11 16	17 16	14 57	14 59	18 45	12 39	0 37
S 29	13 30	19 28	5 13	22 55	3 0	14 46	0 40	24 44	1 44	22 16	0 22	22 15	0 4	21 50	0 31	19 31	0 25	11 16	17 16	14 57	14 58	18 48	12 38	0 37
S 30	13 50	14 42	4 52	23 2	2 59	15 10	0 38	24 40	1 43	22 18	0 22	22 15	0 4	21 50	0 31	19 31	0 25	11 17	17 15	14 57	14 57	18 50	12 37	0 37
M31	14 s10	9n26	4n18	23 s 6	2 s56	15 s35	0n36	24 s36	1 s43	22 s19	0n22	22 s14	0n 4	21 s50	0 s31	19n31	0 s25	11 s17	17 s15	14n57	14n56	18 s53	12n36	0 s37

Julian Day Number = 2480307.5, Delta T = 84.22 sec
Ecliptic obliquity = 23°25'52, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°50'26, Lahiri = 24°57'26

ASTRODIENST EPHEMERIS for the year 2078
geocentric

NOVEMBER 2078 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 47	8♏57'42	28♍25	0♐46	15♏38	12♑42	16♐ 6	17♑26	23♑54	1♌ 2	11°R37	10°R27	10♉19	21♏ 0	4°R57	T 1
W 2	2 46 43	9°57'43	10♎30	1° 3	16°53	13°27	16°18	17°30	23°56	1° 2	11♈36	10♉27	10°16	21° 7	4♉54	W 2
T 3	2 50 40	10°57'47	22°28	1°13	18° 8	14°11	16°30	17°34	23°58	1°R 2	11°35	10°D27	10°13	21°13	4°51	T 3
F 4	2 54 36	11°57'52	4♏20	1°R15	19°23	14°56	16°43	17°38	23°59	1° 2	11°34	10°R27	10°10	21°20	4°49	F 4
S 5	2 58 33	12°57'59	16° 8	1° 8	20°38	15°41	16°55	17°42	24° 1	1° 2	11°33	10°27	10° 6	21°26	4°46	S 5
S 6	3 2 29	13°58'08	27°55	0°52	21°54	16°25	17° 7	17°47	24° 2	1° 1	11°32	10°27	10° 3	21°33	4°43	S 6
M 7	3 6 26	14°58'19	9♐43	0°26	23° 9	17°10	17°20	17°51	24° 4	1° 1	11°31	10°26	10° 0	21°40	4°40	M 7
T 8	3 10 23	15°58'32	21°35	29♏51	24°24	17°55	17°32	17°55	24° 6	1° 1	11°30	10°26	9°57	21°46	4°37	T 8
W 9	3 14 19	16°58'46	3♑32	29° 6	25°39	18°40	17°45	18° 0	24° 8	1° 1	11°29	10°25	9°54	21°53	4°35	W 9
T 10	3 18 16	17°59'02	15°38	28°11	26°54	19°25	17°58	18° 5	24°10	1° 1	11°28	10°24	9°50	22° 0	4°32	T 10
F 11	3 22 12	18°59'19	27°57	27° 8	28° 9	20°10	18°10	18° 9	24°12	1° 0	11°27	10°23	9°47	22° 6	4°29	F 11
S 12	3 26 9	19°59'38	10♒33	25°58	29°25	20°55	18°23	18°14	24°14	1° 0	11°26	10°22	9°44	22°13	4°26	S 12
S 13	3 30 5	20°59'58	23°28	24°42	0♐40	21°40	18°36	18°19	24°16	1° 0	11°25	10°D22	9°41	22°20	4°24	S 13
M14	3 34 2	22° 0'20	6♓46	23°22	1°55	22°26	18°49	18°24	24°18	1° 0	11°24	10°23	9°38	22°26	4°21	M14
T 15	3 37 58	23° 0'42	20°31	22° 2	3°10	23°11	19° 1	18°29	24°20	0°59	11°24	10°23	9°35	22°33	4°18	T 15
W16	3 41 55	24° 1'07	4♈41	20°43	4°25	23°56	19°14	18°34	24°22	0°59	11°23	10°24	9°31	22°40	4°15	W16
T 17	3 45 52	25° 1'32	19°17	19°29	5°40	24°42	19°27	18°39	24°24	0°58	11°22	10°26	9°28	22°46	4°13	T 17
F 18	3 49 48	26° 1'59	4♉13	18°21	6°56	25°27	19°40	18°44	24°26	0°58	11°21	10°R26	9°25	22°53	4°10	F 18
S 19	3 53 45	27° 2'28	19°23	17°22	8°11	26°12	19°53	18°49	24°28	0°57	11°20	10°26	9°22	23° 0	4° 8	S 19
S 20	3 57 41	28° 2'58	4♊39	16°32	9°26	26°58	20° 6	18°54	24°31	0°57	11°20	10°25	9°19	23° 6	4° 5	S 20
M21	4 1 38	29° 3'30	19°49	15°55	10°41	27°44	20°20	19° 0	24°33	0°56	11°19	10°23	9°16	23°13	4° 3	M21
T 22	4 5 34	0♐ 4'03	4♋44	15°28	11°56	28°29	20°33	19° 5	24°35	0°55	11°18	10°21	9°12	23°20	4° 0	T 22
W23	4 9 31	1° 4'38	19°17	15°14	13°11	29°15	20°46	19°11	24°38	0°55	11°17	10°18	9° 9	23°26	3°58	W23
T 24	4 13 28	2° 5'15	3♌23	15°D10	14°26	0♒ 1	20°59	19°16	24°40	0°54	11°17	10°15	9° 6	23°33	3°55	T 24
F 25	4 17 24	3° 5'53	17° 1	15°18	15°42	0°46	21°12	19°22	24°43	0°53	11°16	10°13	9° 3	23°39	3°53	F 25
S 26	4 21 21	4° 6'33	0♍11	15°36	16°57	1°32	21°26	19°27	24°45	0°53	11°15	10°D12	9° 0	23°46	3°50	S 26
S 27	4 25 17	5° 7'15	12°57	16° 2	18°12	2°18	21°39	19°33	24°48	0°52	11°15	10°13	8°56	23°53	3°48	S 27
M28	4 29 14	6° 7'58	25°23	16°38	19°27	3° 4	21°52	19°39	24°51	0°51	11°14	10°14	8°53	23°59	3°46	M28
T 29	4 33 10	7° 8'42	7♎32	17°20	20°42	3°50	22° 6	19°45	24°53	0°50	11°14	10°15	8°50	24° 6	3°43	T 29
W30	4 37 7	8♐ 9'29	19♎30	18♏ 9	21♐57	4♒36	22♐19	19♑50	24♑56	0♌49	11♈13	10♉17	8♉47	24♏13	3♉41	W30

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	14 s29	3n53	3n33	23 s 7	2 s53	15 s59	0n33	24 s31	1 s42	22 s21	0n22	22 s14	0n 4	21 s49	0 s31	19n31	0 s25	11 s17	17 s15	14n57	14n55	18 s55	12n35	0 s37
W 2	14 48	1 s43	2 39	23 7	2 48	16 23	0 31	24 27	1 42	22 22	0 22	22 13	0 4	21 49	0 31	19 31	0 25	11 17	17 15	14 57	14 54	18 58	12 34	0 37
T 3	15 7	7 13	1 38	23 3	2 43	16 46	0 29	24 21	1 41	22 23	0 22	22 13	0 4	21 49	0 31	19 31	0 25	11 18	17 15	14 57	14 53	19 1	12 33	0 37
F 4	15 25	12 26	0 34	22 56	2 35	17 9	0 27	24 16	1 41	22 25	0 21	22 12	0 4	21 49	0 31	19 31	0 25	11 18	17 15	14 57	14 52	19 3	12 32	0 38
S 5	15 44	17 10	0 s32	22 46	2 27	17 31	0 24	24 10	1 41	22 26	0 21	22 12	0 4	21 48	0 31	19 31	0 25	11 18	17 14	14 57	14 51	19 6	12 31	0 38
S 6	16 2	21 15	1 36	22 33	2 16	17 53	0 22	24 5	1 40	22 27	0 21	22 11	0 4	21 48	0 31	19 31	0 25	11 18	17 14	14 57	14 50	19 8	12 30	0 38
M 7	16 19	24 28	2 36	22 16	2 4	18 14	0 20	23 58	1 40	22 29	0 21	22 11	0 4	21 48	0 31	19 31	0 25	11 18	17 14	14 57	14 49	19 11	12 29	0 38
T 8	16 37	26 39	3 29	21 55	1 51	18 35	0 17	23 52	1 39	22 30	0 21	22 10	0 3	21 47	0 31	19 31	0 25	11 18	17 14	14 57	14 48	19 13	12 28	0 38
W 9	16 54	27 37	4 14	21 30	1 36	18 55	0 15	23 45	1 39	22 31	0 21	22 10	0 3	21 47	0 31	19 31	0 25	11 19	17 14	14 56	14 47	19 16	12 27	0 38
T 10	17 11	27 17	4 48	21 2	1 19	19 15	0 13	23 39	1 38	22 32	0 21	22 9	0 3	21 47	0 31	19 31	0 25	11 19	17 13	14 56	14 46	19 19	12 26	0 38
F 11	17 28	25 37	5 10	20 30	1 1	19 35	0 10	23 31	1 38	22 34	0 21	22 9	0 3	21 46	0 31	19 31	0 25	11 19	17 13	14 56	14 45	19 21	12 25	0 38
S 12	17 44	22 40	5 17	19 55	0 41	19 53	0 8	23 24	1 37	22 35	0 21	22 8	0 3	21 46	0 31	19 31	0 25	11 19	17 13	14 56	14 44	19 24	12 24	0 38
S 13	18 0	18 33	5 9	19 17	0 21	20 12	0 5	23 16	1 37	22 36	0 20	22 8	0 3	21 46	0 31	19 31	0 25	11 19	17 13	14 56	14 43	19 26	12 23	0 38
M14	18 16	13 25	4 44	18 37	0 1	20 29	0 3	23 9	1 36	22 37	0 20	22 7	0 3	21 45	0 31	19 32	0 25	11 19	17 12	14 56	14 42	19 29	12 22	0 38
T 15	18 31	7 29	4 3	17 57	0n20	20 47	0 0	23 1	1 35	22 39	0 20	22 7	0 3	21 45	0 31	19 32	0 25	11 19	17 12	14 56	14 41	19 31	12 21	0 38
W16	18 46	0 59	3 6	17 17	0 40	21 3	0 s 2	22 52	1 35	22 40	0 20	22 6	0 3	21 44	0 31	19 32	0 25	11 19	17 12	14 56	14 40	19 34	12 20	0 38
T 17	19 1	5n46	1 55	16 39	0 59	21 19	0 4	22 44	1 34	22 41	0 20	22 5	0 3	21 44	0 31	19 32	0 25	11 19	17 12	14 57	14 39	19 36	12 19	0 38
F 18	19 15	12 23	0 34	16 3	1 17	21 34	0 7	22 35	1 34	22 42	0 20	22 5	0 3	21 44	0 31	19 32	0 25	11 20	17 11	14 57	14 38	19 39	12 18	0 39
S 19	19 29	18 22	0n49	15 31	1 33	21 49	0 9	22 26	1 33	22 43	0 20	22 4	0 3	21 43	0 31	19 32	0 25	11 20	17 11	14 57	14 36	19 41	12 17	0 39
S 20	19 43	23 11	2 10	15 4	1 47	22 3	0 12	22 16	1 33	22 44	0 20	22 3	0 3	21 43	0 31	19 32	0 25	11 20	17 11	14 56	14 35	19 44	12 16	0 39
M21	19 56	26 23	3 21	14 42	1 59	22 16	0 14	22 7	1 32	22 45	0 20	22 3	0 2	21 42	0 31	19 32	0 25	11 20	17 11	14 56	14 34	19 46	12 15	0 39
T 22	20 9	27 37	4 17	14 24	2 9	22 29	0 17	21 57	1 31	22 46	0 19	22 2	0 2	21 42	0 31	19 32	0 25	11 20	17 10	14 55	14 33	19 49	12 14	0 39
W23	20 22	26 54	4 55	14 12	2 17	22 41	0 19	21 47	1 31	22 47	0 19	22 1	0 2	21 41	0 30	19 33	0 25	11 20	17 10	14 54	14 32	19 51	12 13	0 39
T 24	20 34	24 28	5 13	14 6	2 23	22 53	0 22	21 37	1 30	22 48	0 19	22 1	0 2	21 41	0 30	19 33	0 25	11 20	17 10	14 53	14 31	19 54	12 13	0 39
F 25	20 46	20 42	5 13	14 4	2 28	23 4	0 24	21 26	1 30	22 49	0 19	22 0	0 2	21 40	0 30	19 33	0 25	11 20	17 9	14 53	14 30	19 56	12 12	0 39
S 26	20 58	16 1	4 57	14 6	2 30	23 14	0 26	21 15	1 29	22 50	0 19	21 59	0 2	21 40	0 30	19 33	0 25	11 20	17 9	14 52	14 29	19 59	12 11	0 39
S 27	21 9	10 47	4 26	14 13	2 31	23 23	0 29	21 5	1 28	22 51	0 19	21 58	0 2	21 40	0 30	19 33	0 25	11 20	17 9	14 53	14 28	20 1	12 10	0 39
M28	21 19	5 15	3 43	14 23	2 31	23 32	0 31	20 53	1 28	22 52	0 19	21 58	0 2	21 39	0 30	19 33	0 25	11 20	17 8	14 53	14 27	20 4	12 9	0 39
T 29	21 30	0 s22	2 51	14 36	2 30	23 40	0 34	20 42	1 27	22 53	0 19	21 57	0 2	21 39	0 30	19 34	0 25	11 19	17 8	14 53	14 26	20 6	12 8	0 39
W30	21 s40	5 s54	1n52	14 s52	2n28	23 s47	0 s36	20 s30	1 s26	22 s54	0n19	21 s56	0n 2	21 s38	0 s30	19n34	0 s25	11 s19	17 s 8	14n54	14n25	20 s 9	12n 7	0 s39

Julian Day Number = 2480338.5, Delta T = 84.26 sec
Ecliptic obliquity = 23°25'52, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°50'30, Lahiri = 24°57'31

ASTRODIENST EPHEMERIS for the year 2078
geocentric

DECEMBER 2078 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 41 3	9♐10'16	1♏20	19♏ 4	23♐13	5♒22	22♐33	19♑56	24♑59	0°R48	11°R13	10♉19	8♉44	24♏19	3°R39	T 1
F 2	4 45 0	10°11'06	13° 7	20° 4	24°28	6° 8	22°46	20° 2	25° 1	0♌48	11♈12	10°R19	8°41	24°26	3♉37	F 2
S 3	4 48 57	11°11'56	24°54	21° 9	25°43	6°54	23° 0	20° 8	25° 4	0°47	11°11	10°18	8°37	24°33	3°34	S 3
S 4	4 52 53	12°12'48	6♐43	22°17	26°58	7°40	23°13	20°14	25° 7	0°46	11°11	10°15	8°34	24°39	3°32	S 4
M 5	4 56 50	13°13'41	18°36	23°28	28°13	8°26	23°27	20°20	25°10	0°45	11°11	10°11	8°31	24°46	3°30	M 5
T 6	5 0 46	14°14'35	0♑36	24°43	29°28	9°12	23°40	20°27	25°13	0°44	11°10	10° 5	8°28	24°53	3°28	T 6
W 7	5 4 43	15°15'30	12°43	26° 0	0♑44	9°58	23°54	20°33	25°15	0°43	11°10	9°58	8°25	24°59	3°26	W 7
T 8	5 8 39	16°16'26	24°59	27°19	1°59	10°44	24° 7	20°39	25°18	0°41	11° 9	9°51	8°22	25° 6	3°24	T 8
F 9	5 12 36	17°17'23	7♒27	28°39	3°14	11°31	24°21	20°45	25°21	0°40	11° 9	9°45	8°18	25°13	3°22	F 9
S 10	5 16 32	18°18'20	20° 7	0♐ 2	4°29	12°17	24°35	20°52	25°24	0°39	11° 9	9°40	8°15	25°19	3°21	S 10
S 11	5 20 29	19°19'19	3♓ 2	1°25	5°44	13° 3	24°48	20°58	25°27	0°38	11° 8	9°37	8°12	25°26	3°19	S 11
M12	5 24 26	20°20'17	16°15	2°50	6°59	13°49	25° 2	21° 5	25°30	0°37	11° 8	9°D36	8° 9	25°33	3°17	M12
T 13	5 28 22	21°21'17	29°48	4°16	8°14	14°36	25°16	21°11	25°33	0°36	11° 8	9°36	8° 6	25°39	3°15	T 13
W14	5 32 19	22°22'16	13♈43	5°43	9°30	15°22	25°29	21°17	25°37	0°34	11° 7	9°37	8° 2	25°46	3°14	W14
T 15	5 36 15	23°23'17	28° 0	7°10	10°45	16° 8	25°43	21°24	25°40	0°33	11° 7	9°38	7°59	25°53	3°12	T 15
F 16	5 40 12	24°24'17	12♉38	8°38	12° 0	16°55	25°57	21°31	25°43	0°32	11° 7	9°R39	7°56	25°59	3°11	F 16
S 17	5 44 8	25°25'19	27°32	10° 7	13°15	17°41	26°10	21°37	25°46	0°31	11° 7	9°37	7°53	26° 6	3° 9	S 17
S 18	5 48 5	26°26'21	12♊36	11°36	14°30	18°28	26°24	21°44	25°49	0°29	11° 7	9°34	7°50	26°12	3° 8	S 18
M19	5 52 1	27°27'24	27°42	13° 5	15°45	19°14	26°38	21°50	25°52	0°28	11° 6	9°28	7°47	26°19	3° 6	M19
T 20	5 55 58	28°28'27	12♋39	14°35	17° 0	20° 0	26°51	21°57	25°56	0°27	11° 6	9°21	7°43	26°26	3° 5	T 20
W21	5 59 55	29°29'31	27°19	16° 6	18°15	20°47	27° 5	22° 4	25°59	0°25	11° 6	9°12	7°40	26°32	3° 4	W21
T 22	6 3 51	0♑30'35	11♌35	17°36	19°30	21°33	27°19	22°11	26° 2	0°24	11° 6	9° 4	7°37	26°39	3° 2	T 22
F 23	6 7 48	1°31'41	25°22	19° 7	20°45	22°20	27°32	22°17	26° 5	0°22	11° 6	8°57	7°34	26°46	3° 1	F 23
S 24	6 11 44	2°32'46	8♍40	20°39	22° 0	23° 6	27°46	22°24	26° 9	0°21	11° 6	8°52	7°31	26°52	3° 0	S 24
S 25	6 15 41	3°33'53	21°31	22°10	23°15	23°53	28° 0	22°31	26°12	0°19	11°D 6	8°49	7°28	26°59	2°59	S 25
M26	6 19 37	4°35'00	3♎59	23°42	24°30	24°39	28°13	22°38	26°15	0°18	11° 6	8°D48	7°24	27° 6	2°58	M26
T 27	6 23 34	5°36'08	16° 8	25°14	25°45	25°25	28°27	22°45	26°19	0°16	11° 6	8°49	7°21	27°12	2°57	T 27
W28	6 27 30	6°37'17	28° 4	26°46	27° 0	26°12	28°41	22°52	26°22	0°15	11° 6	8°50	7°18	27°19	2°56	W28
T 29	6 31 27	7°38'26	9♏53	28°19	28°15	26°58	28°54	22°59	26°25	0°13	11° 6	8°R50	7°15	27°26	2°55	T 29
F 30	6 35 24	8°39'35	21°39	29°52	29°30	27°45	29° 8	23° 6	26°29	0°12	11° 6	8°49	7°12	27°32	2°54	F 30
S 31	6 39 20	9♑40'45	3♐27	1♑25	0♒45	28♒31	29♐22	23♑13	26♑32	0♌10	11♈ 6	8♉46	7♉ 8	27♏39	2♉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
T 1	21s49	11s10	0n49	15s10	2n24	23s54	0s38	20s19	1s26	22s55	0n19	21s55	0n 2	21s38	0s30	19n34	0s25	11s19	17s 8	14n54	14n24	20s11	12n 7	0s39
F 2	21 58	16 1	0s15	15 30	2 20	23 59	0 40	20 7	1 25	22 56	0 18	21 55	0 2	21 37	0 30	19 34	0 25	11 19	17 7	14 55	14 23	20 14	12 6	0 39
S 3	22 7	20 16	1 19	15 51	2 16	24 4	0 43	19 54	1 25	22 56	0 18	21 54	0 2	21 37	0 30	19 34	0 25	11 19	17 7	14 54	14 22	20 16	12 5	0 39
S 4	22 15	23 43	2 20	16 14	2 10	24 9	0 45	19 42	1 24	22 57	0 18	21 53	0 1	21 36	0 30	19 34	0 25	11 19	17 7	14 53	14 21	20 19	12 4	0 40
M 5	22 23	26 10	3 14	16 37	2 5	24 12	0 47	19 29	1 23	22 58	0 18	21 52	0 1	21 36	0 30	19 35	0 25	11 19	17 6	14 52	14 20	20 21	12 4	0 40
T 6	22 30	27 26	4 1	17 1	1 59	24 15	0 49	19 16	1 23	22 59	0 18	21 51	0 1	21 35	0 30	19 35	0 25	11 19	17 6	14 50	14 19	20 24	12 3	0 40
W 7	22 37	27 25	4 37	17 26	1 52	24 17	0 52	19 3	1 22	23 0	0 18	21 50	0 1	21 34	0 30	19 35	0 25	11 19	17 6	14 48	14 18	20 26	12 2	0 40
T 8	22 43	26 3	5 0	17 50	1 45	24 19	0 54	18 50	1 21	23 0	0 18	21 50	0 1	21 34	0 30	19 35	0 25	11 18	17 5	14 46	14 17	20 29	12 1	0 40
F 9	22 49	23 24	5 10	18 15	1 39	24 19	0 56	18 37	1 20	23 1	0 18	21 49	0 1	21 33	0 30	19 36	0 25	11 18	17 5	14 44	14 16	20 31	12 1	0 40
S 10	22 55	19 36	5 5	18 40	1 31	24 19	0 58	18 23	1 20	23 2	0 18	21 48	0 1	21 33	0 30	19 36	0 25	11 18	17 5	14 42	14 15	20 33	12 0	0 40
S 11	23 0	14 49	4 45	19 4	1 24	24 18	1 0	18 9	1 19	23 2	0 18	21 47	0 1	21 32	0 30	19 36	0 25	11 18	17 4	14 41	14 14	20 36	11 59	0 40
M12	23 5	9 15	4 10	19 28	1 17	24 17	1 2	17 55	1 18	23 3	0 17	21 46	0 1	21 32	0 30	19 36	0 25	11 18	17 4	14 41	14 13	20 38	11 59	0 40
T 13	23 9	3 7	3 19	19 51	1 9	24 14	1 4	17 41	1 18	23 3	0 17	21 45	0 1	21 31	0 30	19 37	0 25	11 18	17 4	14 41	14 12	20 41	11 58	0 40
W14	23 13	3n19	2 16	20 14	1 2	24 11	1 6	17 27	1 17	23 4	0 17	21 44	0 1	21 31	0 30	19 37	0 25	11 17	17 3	14 41	14 11	20 43	11 58	0 40
T 15	23 16	9 47	1 3	20 37	0 54	24 7	1 8	17 12	1 16	23 5	0 17	21 43	0 1	21 30	0 30	19 37	0 25	11 17	17 3	14 42	14 10	20 45	11 57	0 40
F 16	23 19	15 53	0n16	20 58	0 47	24 3	1 10	16 58	1 16	23 5	0 17	21 42	0 1	21 29	0 30	19 37	0 25	11 17	17 3	14 42	14 9	20 48	11 56	0 40
S 17	23 21	21 9	1 35	21 19	0 39	23 57	1 11	16 43	1 15	23 6	0 17	21 41	0 0	21 29	0 30	19 38	0 25	11 17	17 2	14 41	14 8	20 50	11 56	0 40
S 18	23 23	25 5	2 48	21 39	0 31	23 51	1 13	16 28	1 14	23 6	0 17	21 40	0 0	21 28	0 30	19 38	0 25	11 16	17 2	14 40	14 7	20 53	11 55	0 40
M19	23 24	27 14	3 50	21 58	0 24	23 44	1 15	16 13	1 13	23 6	0 17	21 39	0 0	21 28	0 30	19 38	0 25	11 16	17 1	14 38	14 6	20 55	11 55	0 40
T 20	23 25	27 23	4 35	22 16	0 17	23 37	1 17	15 57	1 13	23 7	0 17	21 38	0 0	21 27	0 30	19 39	0 25	11 16	17 1	14 36	14 5	20 57	11 54	0 40
W21	23 26	25 36	5 1	22 33	0 9	23 29	1 18	15 42	1 12	23 7	0 17	21 37	0 0	21 26	0 30	19 39	0 25	11 15	17 1	14 33	14 4	21 0	11 54	0 40
T 22	23 26	22 13	5 7	22 49	0 2	23 20	1 20	15 26	1 11	23 8	0 17	21 36	0 0	21 26	0 30	19 39	0 25	11 15	17 0	14 31	14 3	21 2	11 53	0 40
F 23	23 25	17 41	4 55	23 4	0s 5	23 10	1 21	15 10	1 10	23 8	0 16	21 35	0 0	21 25	0 30	19 40	0 25	11 15	17 0	14 29	14 2	21 5	11 53	0 40
S 24	23 24	12 26	4 27	23 18	0 12	23 0	1 23	14 55	1 10	23 8	0 16	21 34	0s 0	21 24	0 30	19 40	0 25	11 15	17 0	14 27	14 1	21 7	11 52	0 41
S 25	23 23	6 50	3 46	23 31	0 19	22 48	1 24	14 38	1 9	23 9	0 16	21 33	0 0	21 24	0 30	19 40	0 25	11 14	16 59	14 26	14 0	21 9	11 52	0 41
M26	23 21	1 7	2 56	23 43	0 26	22 37	1 25	14 22	1 8	23 9	0 16	21 32	0 0	21 23	0 30	19 40	0 25	11 14	16 59	14 26	13 59	21 12	11 52	0 41
T 27	23 19	4s31	1 59	23 53	0 33	22 24	1 27	14 6	1 7	23 9	0 16	21 31	0 0	21 23	0 30	19 41	0 25	11 14	16 59	14 26	13 58	21 14	11 51	0 41
W28	23 16	9 53	0 57	24 3	0 39	22 11	1 28	13 49	1 7	23 9	0 16	21 30	0 0	21 22	0 30	19 41	0 25	11 13	16 58	14 26	13 57	21 16	11 51	0 41
T 29	23 13	14 52	0s 6	24 11	0 45	21 57	1 29	13 33	1 6	23 10	0 16	21 29	0 0	21 21	0 30	19 41	0 25	11 13	16 58	14 26	13 56	21 19	11 51	0 41
F 30	23 9	19 16	1 8	24 17	0 52	21 43	1 30	13 16	1 5	23 10	0 16	21 28	0 0	21 21	0 30	19 42	0 25	11 12	16 57	14 26	13 55	21 21	11 50	0 41
S 31	23s 5	22s55	2s 8	24s23	0s58	21s28	1s31	12s59	1s 4	23s10	0n16	21s27	0s 1	21s20	0s30	19n42	0s25	11s12	16s57	14n25	13n54	21s23	11n50	0s41

Julian Day Number = 2480368.5, Delta T = 84.29 sec
Ecliptic obliquity = 23°25'51, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°50'34, Lahiri = 24°57'35