



Astrodienst Ephemeris Tables for the year 2121

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 EPHEMERIS for the year 2121

geocentric

JANUARY 2121

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	6 42 38	10°30'30	8°11' 7	29°55'55	26°21'21	0°R29	26°R29	29°R39	19°R 8	2°M50	22°R35	3°R43	4°47	26°41	4°45	W 1
T 2	6 46 34	11°31'38	20°49	1°1 1	27°11	0°M28	26°21	29°II35	19°5	2°51	22°R34	3°39	4°44	26°48	4°46	T 2
F 3	6 50 31	12°32'46	3°519	2° 3	28° 1	0°26	26°13	29°30	19° 3	2°52	22°33	3°36	4°41	26°54	4°47	F 3
S 4	6 54 27	13°33'53	15°37	2°59	28°49	0°23	26° 6	29°25	19° 0	2°53	22°33	3°34	4°38	27° 1	4°48	S 4
S 5	6 58 24	14°35'01	27°44	3°48	29°37	0°20	25°58	29°20	18°58	2°54	22°32	3°D33	4°34	27° 8	4°49	S 5
M 6	7 2 20	15°36'09	9°43	4°29	0°24	0°16	25°50	29°16	18°55	2°55	22°31	3°33	4°31	27°14	4°51	M 6
T 7	7 6 17	16°37'17	21°35	5° 3	1° 9	0°11	25°42	29°11	18°52	2°56	22°31	3°34	4°28	27°21	4°52	T 7
W 8	7 10 14	17°38'25	3°M24	5°26	1°54	0° 5	25°34	29° 7	18°50	2°57	22°30	3°35	4°25	27°28	4°53	W 8
T 9	7 14 10	18°39'33	15°12	5°40	2°38	29°59	25°26	29° 2	18°47	2°58	22°30	3°37	4°22	27°34	4°54	T 9
F 10	7 18 7	19°40'41	27° 3	5°R43	3°20	29°51	25°18	28°58	18°45	2°59	22°29	3°38	4°19	27°41	4°56	F 10
S 11	7 22 3	20°41'49	9°4 3	5°34	4° 2	29°43	25°10	28°53	18°42	3° 0	22°28	3°39	4°15	27°48	4°57	S 11
S 12	7 26 0	21°42'57	21°16	5°14	4°42	29°34	25° 2	28°49	18°39	3° 0	22°28	3°R39	4°12	27°54	4°58	S 12
M13	7 29 56	22°44'05	3°M46	4°41	5°21	29°24	24°54	28°44	18°37	3° 1	22°27	3°39	4° 9	28° 1	5° 0	M13
T14	7 33 53	23°45'14	16°37	3°57	5°59	29°14	24°46	28°40	18°34	3° 2	22°27	3°38	4° 6	28° 8	5° 2	T14
W15	7 37 49	24°46'22	29°54	3° 3	6°35	29° 2	24°38	28°36	18°32	3° 3	22°26	3°37	4° 3	28°14	5° 3	W15
T16	7 41 46	25°47'30	13°M38	2° 0	7°10	28°50	24°30	28°32	18°29	3° 3	22°26	3°36	4° 0	28°21	5° 5	T16
F17	7 45 43	26°48'38	27°48	0°50	7°44	28°37	24°22	28°28	18°26	3° 4	22°26	3°35	3°56	28°28	5° 7	F17
S18	7 49 39	27°49'46	12°321	29°334	8°16	28°23	24°14	28°24	18°24	3° 4	22°25	3°35	3°53	28°34	5° 8	S18
S19	7 53 36	28°50'53	27°13	28°16	8°47	28° 8	24° 6	28°20	18°21	3° 5	22°25	3°D34	3°50	28°41	5°10	S19
M20	7 57 32	29°52'00	12°15	26°58	9°16	27°53	23°58	28°16	18°19	3° 5	22°25	3°35	3°47	28°48	5°12	M20
T21	8 1 29	0°53'06	27°19	25°41	9°43	27°37	23°50	28°12	18°16	3° 6	22°24	3°35	3°44	28°54	5°14	T21
W22	8 5 25	1°54'12	12°15	24°29	10° 8	27°20	23°42	28° 9	18°14	3° 6	22°24	3°35	3°40	29° 1	5°16	W22
T23	8 9 22	2°55'16	26°57	23°23	10°32	27° 3	23°34	28° 5	18°11	3° 7	22°24	3°35	3°37	29° 8	5°18	T23
F24	8 13 18	3°56'20	11°V20	22°25	10°54	26°45	23°26	28° 1	18° 9	3° 7	22°23	3°R35	3°34	29°14	5°20	F24
S25	8 17 15	4°57'22	25°20	21°35	11°14	26°26	23°18	27°58	18° 6	3° 7	22°23	3°35	3°31	29°21	5°22	S25
S26	8 21 12	5°58'24	8°57	20°54	11°32	26° 7	23°10	27°55	18° 4	3° 8	22°23	3°D35	3°28	29°28	5°24	S26
M27	8 25 8	6°59'24	22°13	20°21	11°48	25°47	23° 3	27°51	18° 1	3° 8	22°23	3°35	3°25	29°34	5°26	M27
T28	8 29 5	8° 0'24	5°II 9	19°58	12° 2	25°26	22°55	27°48	17°59	3° 8	22°22	3°35	3°21	29°41	5°29	T28
W29	8 33 1	9° 1'22	17°47	19°44	12°13	25° 5	22°48	27°45	17°57	3° 8	22°22	3°36	3°18	29°48	5°31	W29
T30	8 36 58	10° 2'20	0°312	19°D38	12°22	24°44	22°40	27°42	17°54	3° 8	22°22	3°37	3°15	29°54	5°33	T30
F31	8 40 54	11°3'16	12°24	19°341	12°29	24°22	22°33	27°II39	17°52	3°M 9	22°R22	3°37	3°12	0°M 1	5°V35	F31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	23s 1	25n55	4n20	21s32	1s25	13s26	0s45	14n35	3n31	21n10	0n19	22n18	1s 7	22n31	0n27	10s51
T 2	22 56	26 40	3 34	21 8	1 15	13 2	0 38	14 38	3 34	21 11	0 20	22 18	1 7	22 31	0 27	10 51
F 3	22 50	26 2	2 39	20 44	1 4	12 38	0 31	14 41	3 36	21 13	0 20	22 18	1 7	22 32	0 27	10 52
S 4	22 44	24 8	1 37	20 20	0 52	12 14	0 23	14 44	3 38	21 14	0 20	22 18	1 7	22 32	0 27	10 52
S 5	22 38	21 7	0 32	19 56	0 39	11 50	0 15	14 47	3 41	21 16	0 20	22 18	1 7	22 32	0 27	10 52
M 6	22 31	17 15	0s34	19 32	0 25	11 26	0 7	14 51	3 43	21 18	0 20	22 19	1 7	22 33	0 28	10 53
T 7	22 24	12 45	1 38	19 10	0 10	11 2	0n 1	14 55	3 45	21 19	0 20	22 19	1 7	22 33	0 28	10 53
W 8	22 16	7 48	2 38	18 48	0n 6	10 38	0 10	14 59	3 48	21 21	0 20	22 19	1 7	22 33	0 28	10 53
T 9	22 8	2 35	3 31	18 28	0 23	10 15	0 19	15 3	3 50	21 23	0 21	22 19	1 6	22 34	0 28	10 53
F 10	21 59	2s44	4 15	18 10	0 41	9 51	0 28	15 8	3 52	21 24	0 21	22 19	1 6	22 34	0 28	10 54
S 11	21 50	8 0	4 49	17 54	0 59	9 27	0 37	15 13	3 54	21 26	0 21	22 19	1 6	22 35	0 28	10 54
S 12	21 40	13 4	5 10	17 41	1 18	9 4	0 46	15 18	3 57	21 27	0 21	22 19	1 6	22 35	0 28	10 54
M13	21 31	17 44	5 17	17 30	1 37	8 40	0 56	15 24	3 59	21 29	0 21	22 19	1 6	22 35	0 28	10 54
T14	21 20	21 44	5 9	17 22	1 56	8 17	1 6	15 30	4 1	21 31	0 21	22 19	1 6	22 36	0 28	10 54
W15	21 10	24 45	4 45	17 17	2 14	7 54	1 16	15 36	4 3	21 32	0 21	22 20	1 5	22 36	0 28	10 54
T16	20 58	26 27	4 3	17 15	2 31	7 32	1 27	15 42	4 5	21 34	0 22	22 20	1 5	22 36	0 28	10 55
F17	20 47	26 30	3 6	17 16	2 46	7 9	1 38	15 48	4 7	21 35	0 22	22 20	1 5	22 37	0 28	10 55
S18	20 35	24 46	1 55	17 18	2 59	6 47	1 49	15 55	4 9	21 37	0 22	22 20	1 5	22 37	0 28	10 55
S19	20 23	21 17	0 35	17 23	3 10	6 25	2 0	16 2	4 11	21 38	0 22	22 20	1 5	22 37	0 28	10 55
M20	20 10	16 21	0n48	17 30	3 19	6 4	2 12	16 9	4 13	21 40	0 22	22 20	1 5	22 38	0 28	10 55
T21	19 57	10 23	2 8	17 38	3 25	5 43	2 23	16 17	4 15	21 41	0 22	22 20	1 4	22 38	0 28	10 55
W22	19 43	3 54	3 19	17 47	3 29	5 22	2 35	16 24	4 17	21 43	0 22	22 20	1 4	22 38	0 28	10 55
T23	19 30	2n42	4 15	17 57	3 30	5 2	2 47	16 32	4 18	21 44	0 22	22 21	1 4	22 39	0 28	10 55
F24	19 15	9 0	4 54	18 8	3 29	4 42	3 0	16 40	4 20	21 46	0 23	22 21	1 4	22 39	0 28	10 55
S25	19 1	14 40	5 15	18 19	3 26	4 23	3 13	16 48	4 21	21 47	0 23	22 21	1 4	22 39	0 28	10 56
S26	18 46	19 28	5 17	18 30	3 21	4 4	3 25	16 56	4 23	21 49	0 23	22 21	1 4	22 40	0 28	10 56
M27	18 31	23 10	5 1	18 41	3 17	3 46	3 38	17 4	4 24	21 50	0 23	22 21	1 3	22 40	0 28	10 56
T28	18 15	25 35	4 31	18 52	3 7	3 28	3 52	17 12	4 26	21 51	0 23	22 21	1 3	22 40	0 28	10 56
W29	17 59	26 39	3 48	19 2	2 58	3 12	4 5	17 20	4 27	21 53	0 23	22 21	1 3	22 41	0 28	10 56
T30	17 43	26 21	2 55	19 13	2 48	2 56	4 18	17 29	4 28	21 54	0 23	22 21	1 3	22 41	0 28	10 56
F31	17s27	24n46	1n55	19s22	2n38	2s41	4n32	17n37	4n29	21n55	0n23	22n22	1s 3	22n41	0n28	10s56

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

ASTRODIENST EPHEMERIS for the year 2121

geocentric

FEBRUARY 2121

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 44 51	12 ²⁸ 4'11	24 ²⁸ 28	19 ³⁵ 50	12 ³⁸ 34	24°R 0	22°R26	27°R36	17°R50	3 ³⁰ 9	22°R22	3 ³⁸ 38	3 ³⁸ 9	0 ⁰⁰ 8	5 ⁵⁷ 38	S 1
S 2	8 48 48	13° 5'05	6 ⁰² 25	20° 7	12°R36	23 ⁰² 37	22 ²⁸ 19	27 ¹² 34	17 ²⁸ 47	3° 9	22 ²⁸ 22	3°R38	3° 6	0°14	5°40	S 2
M 3	8 52 44	14° 5'58	18°17	20°30	12°36	23°14	22°12	27°31	17°45	3°R 9	22°22	3°37	3° 2	0°21	5°43	M 3
T 4	8 56 41	15° 6'50	0 ⁰⁰ 7	20°58	12°33	22°51	22° 5	27°28	17°43	3° 9	22°22	3°36	2°59	0°28	5°45	T 4
W 5	9 0 37	16° 7'41	11°56	21°33	12°28	22°27	21°58	27°26	17°41	3° 9	22°D22	3°35	2°56	0°34	5°48	W 5
T 6	9 4 34	17° 8'31	23°46	22°11	12°20	22° 4	21°51	27°24	17°39	3° 9	22°22	3°33	2°53	0°41	5°50	T 6
F 7	9 8 30	18° 9'20	5 ²⁴ 41	22°55	12° 9	21°40	21°45	27°22	17°36	3° 8	22°22	3°31	2°50	0°47	5°53	F 7
S 8	9 12 27	19°10'08	17°43	23°42	11°56	21°16	21°38	27°19	17°34	3° 8	22°22	3°28	2°46	0°54	5°56	S 8
S 9	9 16 23	20°10'55	29°55	24°33	11°41	20°52	21°32	27°17	17°32	3° 8	22°22	3°27	2°43	1° 1	5°58	S 9
M10	9 20 20	21°11'41	12 ³² 22	25°28	11°23	20°28	21°26	27°15	17°30	3° 8	22°22	3°25	2°40	1° 7	6° 1	M10
T 11	9 24 16	22°12'26	25° 8	26°25	11° 3	20° 4	21°20	27°14	17°28	3° 8	22°22	3°D25	2°37	1°14	6° 4	T 11
W12	9 28 13	23°13'10	8 ²⁷ 16	27°26	10°40	19°40	21°14	27°12	17°26	3° 7	22°22	3°26	2°34	1°21	6° 7	W12
T 13	9 32 10	24°13'54	21°49	28°29	10°16	19°16	21° 8	27°10	17°24	3° 7	22°22	3°27	2°31	1°27	6°10	T 13
F 14	9 36 6	25°14'36	5 ³⁴ 49	29°34	9°49	18°53	21° 2	27° 9	17°22	3° 7	22°23	3°29	2°27	1°34	6°12	F 14
S 15	9 40 3	26°15'17	20°15	0 ²⁸ 42	9°20	18°29	20°57	27° 8	17°20	3° 6	22°23	3°30	2°24	1°41	6°15	S 15
S 16	9 43 59	27°15'57	5 ²⁸ 5	1°51	8°50	18° 6	20°52	27° 6	17°19	3° 6	22°23	3°R30	2°21	1°47	6°18	S 16
M17	9 47 56	28°16'35	20°11	3° 3	8°18	17°43	20°47	27° 5	17°17	3° 5	22°23	3°29	2°18	1°54	6°21	M17
T 18	9 51 52	29°17'12	5 ³⁸ 27	4°16	7°44	17°21	20°42	27° 4	17°15	3° 5	22°24	3°27	2°15	2° 1	6°24	T 18
W19	9 55 49	0 ³⁸ 1748	20°40	5°32	7° 9	16°59	20°37	27° 3	17°13	3° 4	22°24	3°24	2°12	2° 7	6°27	W19
T 20	9 59 45	1°18'21	5 ⁴² 42	6°48	6°33	16°37	20°32	27° 2	17°12	3° 4	22°24	3°20	2° 8	2°14	6°30	T 20
F 21	10 3 42	2°18'53	20°23	8° 6	5°57	16°16	20°28	27° 2	17°10	3° 3	22°25	3°16	2° 5	2°21	6°33	F 21
S 22	10 7 39	3°19'24	4 ³⁸ 39	9°26	5°20	15°55	20°24	27° 1	17° 8	3° 3	22°25	3°12	2° 2	2°27	6°36	S 22
S 23	10 11 35	4°19'52	18°26	10°47	4°42	15°35	20°19	27° 1	17° 7	3° 2	22°25	3°10	1°59	2°34	6°40	S 23
M24	10 15 32	5°20'19	1 ¹² 45	12° 9	4° 5	15°16	20°16	27° 0	17° 5	3° 1	22°26	3°D 9	1°56	2°41	6°43	M24
T 25	10 19 28	6°20'44	14°40	13°33	3°28	14°57	20°12	27° 0	17° 4	3° 1	22°26	3° 9	1°52	2°47	6°46	T 25
W26	10 23 25	7°21'07	27°12	14°58	2°51	14°38	20° 8	27° 0	17° 3	3° 0	22°27	3°10	1°49	2°54	6°49	W26
T 27	10 27 21	8°21'28	9 ²⁸ 28	16°24	2°15	14°21	20° 5	27°D 0	17° 1	2°59	22°27	3°12	1°46	3° 1	6°52	T 27
F 28	10 31 18	9 ³⁸ 21'47	21 ²⁸ 31	17 ²⁸ 51	1 ³⁸ 40	14 ⁰² 4	20 ²⁸ 2	27 ¹² 0	17 ²⁸ 0	2 ³⁰ 58	22 ²⁸ 28	3 ³⁸ 14	1 ³⁸ 43	3 ⁰⁰ 7	6 ⁵⁵ 56	F 28

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

Julian Day Number = 2495770.5, Delta T = 103.86 sec

Ecliptic obliquity = 23°25'30, Nutation = 0°00'16, out-of-bounds declination in red

ASTRODIENST EPHEMERIS for the year 2121
geocentric

MARCH 2121

00:00 UT

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

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

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

ASTRODIENST EPHEMERIS for the year 2121

geocentric

MAY 2121

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 35 44	10°39'38	20°17	28°21	24°34	18°59	22°49	0°25	17°20	1°R32	23°29	27°R50	28°326	10°1	10°Y31	T 1
F 2	14 39 41	11°37'55	2°43	28°38	25°31	19°20	22°57	0°31	17°22	1°M30	23°30	27°338	28°23	10° 8	10°34	F 2
S 3	14 43 37	12°36'10	15°22	28°48	26°28	19°42	23° 5	0°37	17°23	1°29	23°32	27°25	28°20	10°14	10°37	S 3
S 4	14 47 34	13°34'23	28°14	28°54	27°26	20° 4	23°13	0°44	17°26	1°27	23°33	27°13	28°16	10°21	10°40	S 4
M 5	14 51 30	14°32'34	11°17	28°R54	28°25	20°26	23°21	0°50	17°28	1°26	23°34	27° 4	28°13	10°28	10°43	M 5
T 6	14 55 27	15°30'44	24°32	28°49	29°23	20°48	23°30	0°56	17°30	1°24	23°36	26°58	28°10	10°35	10°46	T 6
W 7	14 59 24	16°28'53	7°358	28°39	0°Y22	21°11	23°38	1° 2	17°32	1°22	23°37	26°54	28° 7	10°41	10°49	W 7
T 8	15 3 20	17°27'00	21°34	28°24	1°22	21°34	23°47	1° 9	17°34	1°21	23°38	26°D53	28° 4	10°48	10°52	T 8
F 9	15 7 17	18°25'05	5°21	28° 5	2°22	21°58	23°55	1°15	17°36	1°19	23°40	26°53	28° 0	10°55	10°55	F 9
S 10	15 11 13	19°23'09	19°18	27°42	3°22	22°21	24° 4	1°21	17°38	1°18	23°41	26°R53	27°57	11° 1	10°58	S 10
S 11	15 15 10	20°21'12	3°27	27°15	4°22	22°45	24°13	1°28	17°41	1°16	23°43	26°52	27°54	11° 8	11° 1	S 11
M12	15 19 6	21°19'14	17°45	26°46	5°23	23° 9	24°22	1°34	17°43	1°15	23°44	26°50	27°51	11°15	11° 4	M12
T 13	15 23 3	22°17'14	2°Y10	26°14	6°24	23°34	24°31	1°41	17°45	1°13	23°45	26°45	27°48	11°21	11° 7	T 13
W14	15 26 59	23°15'12	16°38	25°40	7°26	23°59	24°40	1°48	17°48	1°12	23°47	26°38	27°45	11°28	11°10	W14
T 15	15 30 56	24°13'10	1° 4	25° 5	8°28	24°24	24°50	1°54	17°50	1°10	23°48	26°29	27°41	11°35	11°13	T 15
F 16	15 34 53	25°11'06	15°22	24°29	9°30	24°49	24°59	2° 1	17°53	1° 9	23°49	26°19	27°38	11°41	11°16	F 16
S 17	15 38 49	26° 9'01	29°25	23°53	10°32	25°14	25° 9	2° 8	17°55	1° 7	23°51	26° 9	27°35	11°48	11°18	S 17
S 18	15 42 46	27° 6'54	13°II 9	23°18	11°34	25°40	25°18	2°15	17°58	1° 6	23°52	26° 1	27°32	11°55	11°21	S 18
M19	15 46 42	28° 4'46	26°31	22°44	12°37	26° 6	25°28	2°22	18° 1	1° 4	23°53	25°56	27°29	12° 1	11°24	M19
T 20	15 50 39	29° 2'36	9°30	22°12	13°40	26°32	25°38	2°29	18° 3	1° 3	23°55	25°52	27°26	12° 8	11°27	T 20
W21	15 54 35	0°II 0'25	22° 7	21°42	14°43	26°59	25°48	2°36	18° 6	1° 2	23°56	25°D51	27°22	12°15	11°29	W21
T 22	15 58 32	0°58'12	4°Q26	21°15	15°47	27°26	25°58	2°43	18° 9	1° 0	23°57	25°51	27°19	12°21	11°32	T 22
F 23	16 2 29	1°55'57	16°31	20°52	16°51	27°53	26° 8	2°50	18°11	0°59	23°59	25°52	27°16	12°28	11°34	F 23
S 24	16 6 25	2°53'41	28°26	20°31	17°54	28°20	26°18	2°57	18°14	0°58	24° 0	25°R53	27°13	12°35	11°37	S 24
S 25	16 10 22	3°51'23	10°17	20°15	18°59	28°47	26°29	3° 4	18°17	0°56	24° 1	25°53	27°10	12°41	11°39	S 25
M26	16 14 18	4°49'03	22° 9	20° 3	20° 3	29°15	26°39	3°11	18°20	0°55	24° 3	25°51	27° 6	12°48	11°42	M26
T 27	16 18 15	5°46'42	4°6	19°54	21° 7	29°42	26°50	3°18	18°23	0°54	24° 4	25°47	27° 3	12°55	11°44	T 27
W28	16 22 11	6°44'20	16°13	19°D51	22°12	0°10	27° 0	3°26	18°26	0°52	24° 5	25°41	27° 0	13° 2	11°47	W28
T 29	16 26 8	7°41'56	28°33	19°51	23°17	0°38	27°11	3°33	18°28	0°51	24° 7	25°34	26°57	13° 8	11°49	T 29
F 30	16 30 4	8°39'31	11°18	19°56	24°22	1° 7	27°22	3°40	18°31	0°50	24° 8	25°26	26°54	13°15	11°51	F 30
S 31	16 34 1	9°II37'05	24°11	20°8	25°Y27	1°35	27°32	3°48	18°34	0°49	24° 9	25°38	26°51	13°22	11°Y53	S 31

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

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

ASTRODIENST EPHEMERIS for the year 2121

geocentric

JUNE 2121

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 37 57	10♂34'37	7♂12	20♂20	26♂33	2♂4	27♂43	3♂55	18♂37	0♂R48	24♂11	25♂R11	26♂47	13♂28	11♂56	S 1
M 2	16 41 54	11°32'08	20°37	20°39	27°38	2°33	27°54	4° 2	18°41	0♂L46	24°12	25♂ 5	26°44	13°35	11°58	M 2
T 3	16 45 51	12°29'39	4♂16	21° 2	28°44	3° 2	28° 5	4°10	18°44	0°45	24°13	25° 2	26°41	13°42	12° 0	T 3
W 4	16 49 47	13°27'08	18° 5	21°29	29°50	3°31	28°17	4°17	18°47	0°44	24°15	25° 0	26°38	13°48	12° 2	W 4
T 5	16 53 44	14°24'37	2♂ 3	22° 1	0♂56	4° 0	28°28	4°25	18°50	0°43	24°16	25°D 0	26°35	13°55	12° 4	T 5
F 6	16 57 40	15°22'05	16° 8	22°36	2° 2	4°30	28°39	4°32	18°53	0°42	24°17	25° 1	26°32	14° 2	12° 6	F 6
S 7	17 1 37	16°19'32	0♂16	23°16	3° 8	5° 0	28°50	4°40	18°56	0°41	24°18	25° 2	26°28	14° 8	12° 8	S 7
S 8	17 5 33	17°16'58	14°27	23°59	4°15	5°30	29° 2	4°47	18°59	0°40	24°20	25°R 3	26°25	14°15	12°10	S 8
M 9	17 9 30	18°14'24	28°39	24°47	5°21	6° 0	29°13	4°55	19° 3	0°39	24°21	25° 3	26°22	14°22	12°12	M 9
T 10	17 13 27	19°11'49	12♂49	25°38	6°28	6°30	29°25	5° 3	19° 6	0°38	24°22	25° 1	26°19	14°28	12°14	T 10
W11	17 17 23	20° 9'13	26°56	26°33	7°35	7° 0	29°37	5°10	19° 9	0°37	24°23	24°57	26°16	14°35	12°15	W11
T 12	17 21 20	21° 6'37	10♂55	27°31	8°42	7°31	29°48	5°18	19°13	0°36	24°25	24°53	26°12	14°42	12°17	T 12
F 13	17 25 16	22° 4'01	24°45	28°33	9°49	8° 1	29°59	5°25	19°16	0°35	24°26	24°48	26° 9	14°49	12°19	F 13
S 14	17 29 13	23° 1'24	8♂22	29°39	10°57	8°32	0♂12	5°33	19°19	0°34	24°27	24°43	26° 6	14°55	12°21	S 14
S 15	17 33 9	23°58'46	21°44	0♂47	12° 4	9° 3	0°24	5°41	19°23	0°34	24°28	24°39	26° 3	15° 2	12°22	S 15
M16	17 37 6	24°56'08	4♂49	1°59	13°12	9°34	0°36	5°49	19°26	0°33	24°30	24°36	26° 0	15° 9	12°24	M16
T 17	17 41 2	25°53'29	17°36	3°15	14°19	10° 6	0°48	5°56	19°29	0°32	24°31	24°34	25°57	15°15	12°25	T 17
W18	17 44 59	26°50'49	0♂ 6	4°33	15°27	10°37	1° 0	6° 4	19°33	0°31	24°32	24°D34	25°53	15°22	12°27	W18
T 19	17 48 56	27°48'09	12° 21	5°55	16°35	11° 9	1°12	6°12	19°36	0°30	24°33	24°35	25°50	15°29	12°28	T 19
F 20	17 52 52	28°45'27	24°25	7°20	17°43	11°40	1°24	6°20	19°40	0°30	24°34	24°37	25°47	15°35	12°29	F 20
S 21	17 56 49	29°42'45	6♂20	8°48	18°51	12°12	1°36	6°27	19°43	0°29	24°35	24°39	25°44	15°42	12°31	S 21
S 22	18 0 45	0♂40'02	18°12	10°19	19°59	12°44	1°48	6°35	19°47	0°28	24°37	24°40	25°41	15°49	12°32	S 22
M23	18 4 42	1°37'18	0♂ 4	11°54	21° 7	13°16	2° 1	6°43	19°50	0°28	24°38	24°R41	25°38	15°55	12°33	M23
T 24	18 8 38	2°34'34	12° 2	13°31	22°16	13°49	2°13	6°51	19°54	0°27	24°39	24°40	25°34	16° 2	12°34	T 24
W25	18 12 35	3°31'49	24°10	15°11	23°24	14°21	2°25	6°58	19°57	0°27	24°40	24°39	25°31	16° 9	12°35	W25
T 26	18 16 31	4°29'03	6♂33	16°54	24°33	14°53	2°38	7° 6	20° 1	0°26	24°41	24°37	25°28	16°16	12°37	T 26
F 27	18 20 28	5°26'17	19°14	18°41	25°41	15°26	2°50	7°14	20° 4	0°26	24°42	24°34	25°25	16°22	12°38	F 27
S 28	18 24 25	6°23'30	2♂15	20°30	26°50	15°59	3° 3	7°22	20° 8	0°25	24°43	24°32	25°22	16°29	12°38	S 28
S 29	18 28 21	7°20'43	15°37	22°22	27°59	16°32	3°15	7°30	20°11	0°25	24°44	24°29	25°18	16°36	12°39	S 29
M30	18 32 18	8♂17'56	29♂19	24♂16	29♂ 8	17♂ 5	3♂28	7♂37	20♂15	0♂L24	24♂45	24♂27	25♂15	16♂42	12♂40	M30

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

ASTRODIENST EPHEMERIS for the year 2121

geocentric

JULY 2121

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 36 14	9°51'08	13°32'0	26°11'3	0°11'17	17°11'38	3°02'41	7°05'45	20°05'19	0°02'24	24°08'46	24°02'26	25°03'12	16°04'49	12°04'41	T 1
W 2	18 40 11	10°12'20	27°35'	28°12'	1°26'	18°11'	3°53'	7°53'	20°22'	0°02'24	24°47'	24°02'26	25°09'	16°56'	12°42'	W 2
T 3	18 44 7	11°09'32	12°00'	0°05'14	2°35'	18°44'	4°06'	8°01'	20°26'	0°23'	24°48'	24°02'28	25°06'	17°02'	12°43'	T 3
F 4	18 48 4	12°06'44	26°29'	2°18'	3°44'	19°18'	4°19'	8°09'	20°29'	0°23'	24°49'	24°02'28	25°03'	17°09'	12°43'	F 4
S 5	18 52 0	13°03'56	10°05'58	4°23'	4°53'	19°51'	4°32'	8°16'	20°33'	0°23'	24°50'	24°02'28	24°59'	17°16'	12°44'	S 5
S 6	18 55 57	14°01'08	25°23'	6°30'	6°03'	20°25'	4°44'	8°24'	20°37'	0°23'	24°51'	24°02'29	24°56'	17°22'	12°44'	S 6
M 7	18 59 54	14°58'21	9°03'39	8°38'	7°12'	20°59'	4°57'	8°32'	20°40'	0°23'	24°52'	24°02'30	24°53'	17°29'	12°45'	M 7
T 8	19 3 50	15°55'34	23°44'	10°47'	8°22'	21°33'	5°10'	8°40'	20°44'	0°22'	24°53'	24°02'30	24°50'	17°36'	12°45'	T 8
W 9	19 7 47	16°52'47	7°03'38	12°56'	9°32'	22°07'	5°23'	8°48'	20°48'	0°22'	24°54'	24°02'29	24°47'	17°43'	12°46'	W 9
T 10	19 11 43	17°50'00	21°18'	15°06'	10°41'	22°41'	5°36'	8°55'	20°51'	0°22'	24°55'	24°02'29	24°44'	17°49'	12°46'	T 10
F 11	19 15 40	18°47'14	4°11'43	17°16'	11°51'	23°15'	5°49'	9°03'	20°55'	0°22'	24°56'	24°02'28	24°40'	17°56'	12°46'	F 11
S 12	19 19 36	19°44'29	17°55'	19°26'	13°01'	23°49'	6°02'	9°11'	20°58'	0°22'22	24°57'	24°02'27	24°37'	18°03'	12°47'	S 12
S 13	19 23 33	20°41'43	0°05'53	21°36'	14°11'	24°24'	6°15'	9°19'	21°02'	0°22'	24°57'	24°02'27	24°34'	18°09'	12°47'	S 13
M14	19 27 30	21°38'58	13°37'	23°44'	15°21'	24°58'	6°28'	9°26'	21°06'	0°22'	24°58'	24°02'27	24°31'	18°16'	12°47'	M14
T 15	19 31 26	22°36'13	26°07'	25°52'	16°31'	25°33'	6°41'	9°34'	21°09'	0°22'	24°59'	24°02'27	24°28'	18°23'	12°47'	T 15
W16	19 35 23	23°33'29	8°02'26	27°59'	17°42'	26°08'	6°54'	9°42'	21°13'	0°22'	25°00'	24°02'27	24°24'	18°29'	12°47'	W16
T 17	19 39 19	24°30'44	20°34'	0°04'04	18°52'	26°43'	7°07'	9°49'	21°17'	0°23'	25°01'	24°02'27	24°21'	18°36'	12°47'	T 17
F 18	19 43 16	25°28'00	2°11'33	2°08'	20°02'	27°18'	7°20'	9°57'	21°20'	0°23'	25°01'	24°02'27	24°18'	18°43'	12°47'	F 18
S 19	19 47 12	26°25'16	14°27'	4°11'	21°13'	27°53'	7°34'	10°04'	21°24'	0°23'	25°02'	24°02'26	24°15'	18°50'	12°47'	S 19
S 20	19 51 9	27°22'32	26°17'	6°12'	22°23'	28°28'	7°47'	10°12'	21°28'	0°23'	25°03'	24°02'26	24°12'	18°56'	12°46'	S 20
M21	19 55 5	28°19'48	8°05'09	8°11'	23°33'	29°03'	8°00'	10°20'	21°31'	0°23'	25°04'	24°02'26	24°09'	19°03'	12°46'	M21
T 22	19 59 2	29°17'04	20°07'	10°09'	24°44'	29°39'	8°13'	10°27'	21°35'	0°24'	25°04'	24°02'25	24°05'	19°10'	12°46'	T 22
W23	20 2 59	0°04'14'21	2°11'13	12°05'	25°55'	0°04'14	8°26'	10°35'	21°39'	0°24'	25°05'	24°02'25	24°02'	19°16'	12°46'	W23
T 24	20 6 55	1°11'38	14°34'	13°59'	27°05'	0°05'0	8°40'	10°42'	21°42'	0°24'	25°06'	24°02'26	23°59'	19°23'	12°45'	T 24
F 25	20 10 52	2°08'55	27°14'	15°52'	28°16'	1°25'	8°53'	10°50'	21°46'	0°25'	25°06'	24°02'26	23°56'	19°30'	12°45'	F 25
S 26	20 14 48	3°06'13	10°07'15	17°43'	29°27'	2°01'	9°06'	10°57'	21°49'	0°25'	25°07'	24°02'27	23°53'	19°36'	12°44'	S 26
S 27	20 18 45	4°03'31	23°41'	19°32'	0°05'38	2°37'	9°19'	11°05'	21°53'	0°26'	25°07'	24°02'28	23°50'	19°43'	12°44'	S 27
M28	20 22 41	5°04'49	7°03'31	21°19'	1°49'	3°13'	9°32'	11°12'	21°57'	0°26'	25°08'	24°02'28	23°46'	19°50'	12°43'	M28
T 29	20 26 38	5°58'08	21°45'	23°05'	3°00'	3°49'	9°46'	11°19'	22°00'	0°27'	25°09'	24°02'29	23°43'	19°57'	12°42'	T 29
W30	20 30 34	6°55'28	6°05'20	24°48'	4°11'	4°25'	9°59'	11°27'	22°04'	0°27'	25°09'	24°02'29	23°40'	20°03'	12°42'	W30
T 31	20 34 31	7°05'24'48	21°08'08	26°03'30	5°05'22	5°05'1	10°02'12	11°05'34	22°05'07	0°02'28	25°08'10	24°02'28	23°37'03	20°10'10	12°04'41	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	23n 6	23s 46	1s 1	23n 4	0s 18	18n 6	2s 8	5n 38	0n 48	19n 48	0n 30	22n 33	0s 39	22n 19	0n 26	T 1
W 2	23 2	20 21	0n 17	23 18	0 7	18 22	2 7	5 24	0 47	19 45	0 30	22 32	0 39	22 19	0 26	W 2
T 3	22 57	15 39	1 36	23 30	0n 5	18 37	2 5	5 10	0 46	19 42	0 30	22 32	0 39	22 18	0 26	T 3
F 4	22 52	10 3	2 48	23 40	0 16	18 52	2 3	4 56	0 45	19 39	0 30	22 31	0 39	22 18	0 26	F 4
S 5	22 47	3 54	3 50	23 47	0 26	19 6	2 2	4 42	0 45	19 36	0 30	22 31	0 39	22 17	0 26	S 5
S 6	22 41	2n 24	4 37	23 52	0 36	19 20	2 0	4 28	0 44	19 33	0 30	22 31	0 39	22 17	0 26	S 6
M 7	22 35	8 31	5 6	23 55	0 46	19 34	1 58	4 14	0 43	19 30	0 30	22 30	0 39	22 16	0 26	M 7
T 8	22 29	14 7	5 17	23 54	0 55	19 47	1 56	3 59	0 42	19 27	0 30	22 30	0 39	22 15	0 26	T 8
W 9	22 22	18 54	5 8	23 51	1 4	19 59	1 54	3 45	0 41	19 24	0 30	22 29	0 39	22 15	0 26	W 9
T 10	22 14	22 37	4 43	23 45	1 11	20 11	1 52	3 31	0 40	19 21	0 30	22 29	0 39	22 14	0 26	T 10
F 11	22 7	25 2	4 2	23 36	1 19	20 23	1 50	3 16	0 39	19 18	0 30	22 28	0 39	22 14	0 26	F 11
S 12	21 58	26 1	3 9	23 25	1 25	20 34	1 48	3 2	0 38	19 14	0 30	22 28	0 38	22 13	0 26	S 12
S 13	21 50	25 32	2 7	23 11	1 31	20 45	1 45	2 47	0 37	19 11	0 30	22 28	0 38	22 13	0 26	S 13
M14	21 41	23 43	1 0	22 54	1 35	20 55	1 43	2 33	0 36	19 8	0 30	22 27	0 38	22 12	0 26	M14
T 15	21 32	20 46	0s 9	22 35	1 39	21 4	1 41	2 18	0 35	19 5	0 30	22 27	0 38	22 12	0 26	T 15
W16	21 22	16 54	1 17	22 14	1 43	21 13	1 38	2 4	0 34	19 2	0 30	22 26	0 38	22 11	0 26	W16
T 17	21 12	12 25	2 20	21 50	1 45	21 22	1 36	1 49	0 33	18 58	0 31	22 26	0 38	22 10	0 26	T 17
F 18	21 2	7 30	3 16	21 25	1 47	21 30	1 33	1 34	0 32	18 55	0 31	22 25	0 38	22 10	0 26	F 18
S 19	20 51	2 23	4 3	20 57	1 48	21 37	1 31	1 19	0 31	18 52	0 31	22 25	0 38	22 9	0 26	S 19
S 20	20 40	2s 48	4 40	20 28	1 49	21 44	1 28	1 5	0 30	18 48	0 31	22 24	0 38	22 9	0 26	S 20
M21	20 29	7 54	5 4	19 57	1 49	21 50	1 26	0 50	0 30	18 45	0 31	22 24	0 38	22 8	0 26	M21
T 22	20 17	12 44	5 16	19 25	1 48	21 56	1 23	0 35	0 29	18 42	0 31	22 23	0 38	22 8	0 26	T 22
W23	20 5	17 9	5 14	18 51	1 46	22 1	1 20	0 20	0 28	18 38	0 31	22 23	0 38	22 7	0 26	W23
T 24	19 53	20 56	4 58	18 17	1 44	22 6	1 18	0 5	0 27	18 35	0 31	22 22	0 38	22 7	0 26	T 24
F 25	19 40	23 51	4 27	17 41	1 41	22 10	1 15	0s 10	0 26	18 32	0 31	22 21	0 38	22 6	0 26	F 25
S 26	19 27	25 37	3 41	17 4	1 38	22 13	1 12	0 25	0 25	18 28	0 31	22 21	0 38	22 5	0 26	S 26
S 27	19 14	25 59	2 42	16 26	1 34	22 16	1 9	0 40	0 24	18 25	0 31	22 20	0 37	22 5	0 26	S 27
M28	19 0	24 45	1 33	15 48	1 30	22 18	1 6	0 55	0 23	18 21	0 31	22 20	0 37	22 4	0 26	M28
T 29	18 46	21 55	0 15	15 9	1 25	22 20	1 4	1 10	0 23	18 18	0 31	22 19	0 37	22 4	0 26	T 29
W30	18 32	17 38	1n 5	14 30	1 20	22 21	1 1	1 25	0 22	18 14	0 31	22 19	0 37	22 3	0 26	W30
T 31	18n 17	12s 12	2n 22	13n 50	1n 14	22n 21	0s 58	1s 40	0n 21	18n 11	0n 32	22n 18	0s 37	22n 3	0n 26	T 31

Julian Day Number = 2495920.5, Delta T = 104.09 sec

Ecliptic obliquity = 23°25'28", Nutation = 0°00'16", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 26°26'16", Lahiri = 25°33'17"

ASTRODIENST EPHEMERIS for the year 2121

geocentric

AUGUST 2121

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 38 28	8♂50°09	6♂ 3	28♂11	6♂34	5♂37	10♂26	11♂41	22♂11	0♂29	25♂10	24♂R26	23♂34	20♂17	12♂R40	F 1
S 2	20 42 24	9°47'31	20°57	29°49	7°45	6°14	10°39	11°48	22°14	0°29	25°11	24♂R25	23°30	20°23	12♂Y39	S 2
S 3	20 46 21	10°44'54	5♂42	1♂26	8°56	6°50	10°52	11°56	22°18	0°30	25°11	24°23	23°27	20°30	12°38	S 3
M 4	20 50 17	11°42'18	20°12	3° 2	10° 8	7°27	11° 5	12° 3	22°21	0°31	25°12	24°21	23°24	20°37	12°37	M 4
T 5	20 54 14	12°39'43	4♂22	4°35	11°19	8° 3	11°19	12°10	22°25	0°31	25°12	24°20	23°21	20°43	12°36	T 5
W 6	20 58 10	13°37'09	18°13	6° 7	12°31	8°40	11°32	12°17	22°28	0°32	25°12	24°D20	23°18	20°50	12°35	W 6
T 7	21 2 7	14°34'37	1♂42	7°37	13°42	9°17	11°45	12°24	22°32	0°33	25°13	24°21	23°15	20°57	12°34	T 7
F 8	21 6 3	15°32'06	14°53	9° 5	14°54	9°54	11°58	12°31	22°35	0°34	25°13	24°22	23°11	21° 4	12°33	F 8
S 9	21 10 0	16°29'36	27°46	10°32	16° 6	10°31	12°12	12°38	22°39	0°35	25°13	24°24	23° 8	21°10	12°32	S 9
S 10	21 13 57	17°27'08	10♂24	11°57	17°18	11° 8	12°25	12°45	22°42	0°36	25°14	24°25	23° 5	21°17	12°31	S 10
M 11	21 17 53	18°24'40	22°49	13°20	18°30	11°45	12°38	12°52	22°45	0°37	25°14	24°R25	23° 2	21°24	12°29	M 11
T 12	21 21 50	19°22'14	5♂4	14°41	19°42	12°22	12°51	12°59	22°49	0°37	25°14	24°25	22°59	21°30	12°28	T 12
W 13	21 25 46	20°19'49	17°10	16° 0	20°54	13° 0	13° 5	13° 5	22°52	0°38	25°15	24°23	22°56	21°37	12°27	W 13
T 14	21 29 43	21°17'25	29°10	17°17	22° 6	13°37	13°18	13°12	22°55	0°39	25°15	24°20	22°52	21°44	12°25	T 14
F 15	21 33 39	22°15'02	11♂4	18°33	23°18	14°15	13°31	13°19	22°59	0°41	25°15	24°16	22°49	21°50	12°24	F 15
S 16	21 37 36	23°12'40	22°56	19°46	24°30	14°52	13°44	13°25	23° 2	0°42	25°15	24°11	22°46	21°57	12°22	S 16
S 17	21 41 32	24°10'19	4♂46	20°58	25°42	15°30	13°57	13°32	23° 5	0°43	25°15	24° 6	22°43	22° 4	12°20	S 17
M 18	21 45 29	25° 8'00	16°38	22° 7	26°55	16° 8	14°10	13°39	23° 9	0°44	25°16	24° 1	22°40	22°11	12°19	M 18
T 19	21 49 26	26° 5'41	28°35	23°14	28° 7	16°46	14°23	13°45	23°12	0°45	25°16	23°57	22°36	22°17	12°17	T 19
W 20	21 53 22	27° 3'24	10♂40	24°18	29°19	17°24	14°37	13°51	23°15	0°46	25°16	23°54	22°33	22°24	12°15	W 20
T 21	21 57 19	28° 1'07	22°58	25°20	0♂32	18° 2	14°50	13°58	23°18	0°47	25°16	23°D53	22°30	22°31	12°14	T 21
F 22	22 1 15	28°58'52	5♂33	26°20	1°44	18°40	15° 3	14° 4	23°21	0°49	25°16	23°53	22°27	22°37	12°12	F 22
S 23	22 5 12	29°56'38	18°29	27°16	2°57	19°18	15°16	14°10	23°24	0°50	25°16	23°54	22°24	22°44	12°10	S 23
S 24	22 9 8	0♂54'25	1♂50	28°10	4° 9	19°56	15°29	14°17	23°27	0°51	25°16	23°56	22°21	22°51	12° 8	S 24
M 25	22 13 5	1°52'13	15°38	29° 1	5°22	20°35	15°42	14°23	23°30	0°53	25°R16	23°57	22°17	22°57	12° 6	M 25
T 26	22 17 1	2°50'02	29°54	29°49	6°35	21°13	15°55	14°29	23°34	0°54	25°16	23°R57	22°14	23° 4	12° 4	T 26
W 27	22 20 58	3°47'52	14♂34	0♂33	7°48	21°52	16° 8	14°35	23°37	0°55	25°16	23°55	22°11	23°11	12° 2	W 27
T 28	22 24 55	4°45'44	29°35	1°13	9° 0	22°30	16°21	14°41	23°39	0°57	25°16	23°52	22° 8	23°18	12° 0	T 28
F 29	22 28 51	5°43'37	14♂48	1°50	10°13	23° 9	16°33	14°47	23°42	0°58	25°16	23°47	22° 5	23°24	11°58	F 29
S 30	22 32 48	6°41'32	0♂Y 1	2°23	11°26	23°48	16°46	14°53	23°45	1° 0	25°16	23°41	22° 2	23°31	11°56	S 30
S 31	22 36 44	7♂39'28	15♂Y 6	2♂51	12♂39	24♂26	16♂59	14♂58	23♂48	1♂ 1	25♂16	23♂35	21♂58	23♂38	11♂54	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18n 2	6s 2	3n30	13n10	1n 8	22n21	0s55	1s56	0n20	18n 7	0n32	22n18	0s37	22n 2	0n26	F 1
S 2	17 47	0n27	4 24	12 29	1 1	22 20	0 52	2 11	0 19	18 4	0 32	22 17	0 37	22 1	0 26	S 2
S 3	17 32	6 50	4 59	11 48	0 55	22 19	0 49	2 26	0 18	18 0	0 32	22 16	0 37	22 1	0 26	S 3
M 4	17 16	12 44	5 15	11 8	0 47	22 16	0 46	2 41	0 18	17 57	0 32	22 16	0 37	22 0	0 26	M 4
T 5	17 0	17 50	5 11	10 27	0 40	22 14	0 43	2 56	0 17	17 53	0 32	22 15	0 37	22 0	0 26	T 5
W 6	16 44	21 52	4 49	9 46	0 32	22 10	0 40	3 11	0 16	17 50	0 32	22 15	0 37	21 59	0 26	W 6
T 7	16 27	24 35	4 11	9 5	0 24	22 6	0 37	3 27	0 15	17 46	0 32	22 14	0 37	21 59	0 26	T 7
F 8	16 10	25 54	3 21	8 24	0 16	22 2	0 34	3 42	0 14	17 42	0 32	22 13	0 37	21 58	0 26	F 8
S 9	15 53	25 46	2 22	7 43	0 7	21 56	0 31	3 57	0 13	17 39	0 32	22 13	0 37	21 58	0 27	S 9
S 10	15 36	24 17	1 16	7 3	0s 2	21 50	0 28	4 12	0 13	17 35	0 32	22 12	0 37	21 57	0 27	S 10
M 11	15 18	21 38	0 9	6 23	0 11	21 44	0 25	4 28	0 12	17 31	0 32	22 12	0 37	21 57	0 27	M 11
T 12	15 0	18 3	0s58	5 43	0 20	21 37	0 22	4 43	0 11	17 28	0 33	22 11	0 37	21 56	0 27	T 12
W 13	14 42	13 45	2 2	5 4	0 30	21 29	0 19	4 58	0 10	17 24	0 33	22 10	0 37	21 55	0 27	W 13
T 14	14 24	8 57	2 59	4 25	0 39	21 21	0 16	5 14	0 9	17 20	0 33	22 10	0 37	21 55	0 27	T 14
F 15	14 5	3 53	3 48	3 47	0 49	21 12	0 13	5 29	0 9	17 17	0 33	22 9	0 36	21 54	0 27	F 15
S 16	13 46	1s17	4 27	3 9	0 59	21 2	0 10	5 44	0 8	17 13	0 33	22 9	0 36	21 54	0 27	S 16
S 17	13 27	6 24	4 55	2 32	1 9	20 52	0 7	5 59	0 7	17 9	0 33	22 8	0 36	21 53	0 27	S 17
M 18	13 8	11 17	5 9	1 55	1 19	20 41	0 5	6 15	0 6	17 6	0 33	22 7	0 36	21 53	0 27	M 18
T 19	12 49	15 48	5 11	1 19	1 29	20 30	0 2	6 30	0 6	17 2	0 33	22 7	0 36	21 52	0 27	T 19
W 20	12 29	19 44	4 59	0 45	1 39	20 18	0n 1	6 45	0 5	16 58	0 33	22 6	0 36	21 52	0 27	W 20
T 21	12 9	22 54	4 33	0 11	1 50	20 6	0 4	7 0	0 4	16 55	0 33	22 6	0 36	21 51	0 27	T 21
F 22	11 49	25 3	3 53	0s22	2 0	19 52	0 7	7 15	0 3	16 51	0 33	22 5	0 36	21 51	0 27	F 22
S 23	11 29	25 56	3 1	0 54	2 10	19 39	0 10	7 31	0 3	16 47	0 34	22 4	0 36	21 50	0 27	S 23
S 24	11 9	25 22	1 57	1 25	2 20	19 25	0 13	7 46	0 2	16 43	0 34	22 4	0 36	21 50	0 27	S 24
M 25	10 48	23 15	0 45	1 54	2 30	19 10	0 15	8 1	0 1	16 40	0 34	22 3	0 36	21 49	0 27	M 25
T 26	10 27	19 38	0n32	2 23	2 40	18 54	0 18	8 16	0 0	16 36	0 34	22 3	0 36	21 49	0 27	T 26
W 27	10 7	14 42	1 50	2 49	2 50	18 39	0 21	8 31	0s 0	16 32	0 34	22 2	0 36	21 48	0 27	W 27
T 28	9 46	8 47	3 1	3 14	3 0	18 22	0 23	8 46	0 1	16 28	0 34	22 1	0 36	21 48	0 27	T 28
F 29	9 24	2 17	4 1	3 38	3 9	18 5	0 26	9 1	0 2	16 25	0 34	22 1	0 36	21 47	0 27	F 29
S 30	9 3	4n20	4 43	3 59	3 19	17 48	0 29	9 16	0 3	16 21	0 34	22 0	0 36	21 47	0 27	S 30
S 31	8n42	10n38	5n 5	4s18	3s27	17n30	0n31	9s31	0s 3	16n17	0n34	22n 0	0s36	21n46	0n27	S 31

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

ASTRODIENST EPHEMERIS for the year 2121
geocentric

SEPTEMBER 2121

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 40 41	8♍37'27"	29♍53	3♊15	13♊52	25♊5	17♊12	15♊4	23♊51	1♍3	25°R16	23°R29	21♊55	23♍44	11°R52	M 1
T 2	22 44 37	9°35'27"	14♊16	3°34	15°5	25°44	17°25	15°10	23°54	1°4	25♊16	23♊25	21°52	23°51	11°Y50	T 2
W 3	22 48 34	10°33'29"	28°12	3°48	16°18	26°23	17°37	15°15	23°57	1°6	25°15	23°22	21°49	23°58	11°48	W 3
T 4	22 52 30	11°31'33"	11♊41	3°57	17°32	27°2	17°50	15°21	23°59	1°7	25°15	23°D21	21°46	24°5	11°45	T 4
F 5	22 56 27	12°29'39"	24°46	3°R59	18°45	27°42	18°3	15°26	24°2	1°9	25°15	23°22	21°42	24°11	11°43	F 5
S 6	23 0 24	13°27'47"	7♊29	3°56	19°58	28°21	18°15	15°31	24°5	1°10	25°15	23°23	21°39	24°18	11°41	S 6
S 7	23 4 20	14°25'56"	19°56	3°47	21°12	29°0	18°28	15°37	24°7	1°12	25°14	23°R24	21°36	24°25	11°38	S 7
M 8	23 8 17	15°24'08"	2♊9	3°31	22°25	29°40	18°40	15°42	24°10	1°14	25°14	23°24	21°33	24°31	11°36	M 8
T 9	23 12 13	16°22'22"	14°12	3°9	23°39	0♍19	18°53	15°47	24°13	1°16	25°14	23°21	21°30	24°38	11°34	T 9
W10	23 16 10	17°20'37"	26°9	2°41	24°52	0°59	19°5	15°52	24°15	1°17	25°14	23°17	21°27	24°45	11°31	W10
T 11	23 20 6	18°18'54"	8♍2	2°6	26°6	1°39	19°17	15°57	24°18	1°19	25°13	23°9	21°23	24°51	11°29	T 11
F 12	23 24 3	19°17'13"	19°53	1°25	27°19	2°18	19°30	16°2	24°20	1°21	25°13	23°0	21°20	24°58	11°26	F 12
S 13	23 27 59	20°15'34"	1♊44	0°39	28°33	2°58	19°42	16°7	24°23	1°22	25°13	22°49	21°17	25°5	11°24	S 13
S 14	23 31 56	21°13'56"	13°36	29♍47	29°47	3°38	19°54	16°12	24°25	1°24	25°12	22°38	21°14	25°12	11°21	S 14
M15	23 35 52	22°12'21"	25°32	28°51	1♍0	4°18	20°6	16°16	24°27	1°26	25°12	22°27	21°11	25°18	11°19	M15
T 16	23 39 49	23°10'47"	7♍32	27°52	2°14	4°58	20°19	16°21	24°30	1°28	25°11	22°18	21°7	25°25	11°16	T 16
W17	23 43 46	24°9'14"	19°40	26°50	3°28	5°38	20°31	16°25	24°32	1°30	25°11	22°10	21°4	25°32	11°13	W17
T 18	23 47 42	25°7'44"	1♊58	25°47	4°42	6°19	20°43	16°30	24°34	1°32	25°10	22°5	21°1	25°38	11°11	T 18
F 19	23 51 39	26°6'15"	14°30	24°45	5°56	6°59	20°55	16°34	24°36	1°34	25°10	22°3	20°58	25°45	11°8	F 19
S 20	23 55 35	27°4'48"	27°21	23°46	7°10	7°39	21°6	16°38	24°38	1°35	25°9	22°D 2	20°55	25°52	11°6	S 20
S 21	23 59 32	28°3'22"	10♊34	22°49	8°24	8°20	21°18	16°42	24°40	1°37	25°9	22°2	20°52	25°59	11°3	S 21
M22	0 3 28	29°1'58"	24°13	21°58	9°38	9°0	21°30	16°46	24°42	1°39	25°8	22°R 3	20°48	26°5	11°0	M22
T 23	0 7 25	0♊35	8♊19	21°13	10°52	9°41	21°42	16°50	24°44	1°41	25°8	22°2	20°45	26°12	10°58	T 23
W24	0 11 21	0°59'14"	22°53	20°35	12°6	10°22	21°53	16°54	24°46	1°43	25°7	21°59	20°42	26°19	10°55	W24
T 25	0 15 18	1°57'55"	7♊50	20°6	13°20	11°2	22°5	16°58	24°48	1°45	25°7	21°53	20°39	26°25	10°52	T 25
F 26	0 19 15	2°56'38"	23°4	19°46	14°34	11°43	22°16	17°2	24°50	1°47	25°6	21°45	20°36	26°32	10°49	F 26
S 27	0 23 11	3°55'22"	8♍24	19°36	15°48	12°24	22°28	17°5	24°52	1°49	25°5	21°35	20°33	26°39	10°47	S 27
S 28	0 27 8	4°54'09"	23°39	19°D35	17°3	13°5	22°39	17°9	24°54	1°51	25°5	21°24	20°29	26°46	10°44	S 28
M29	0 31 4	5°52'57"	8♊38	19°45	18°17	13°46	22°50	17°12	24°55	1°53	25°4	21°14	20°26	26°52	10°41	M29
T 30	0 35 1	6♊51'48"	23♊13	20♍5	19♍31	14♍27	23♊2	17♊15	24°57	1♍55	25♊3	21♊6	20♊23	26♍59	10°Y38	T 30

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

ASTRODIENST EPHEMERIS for the year 2121

geocentric

OCTOBER 2121

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 38 57	7♂50'41	7♂18	20♂35	20♂46	15♂8	23♂13	17♂19	24♂59	1♂57	25°R 3	21°R 1	20♂20	27♂6	10°R36	W 1
T 2	0 42 54	8°49'37	20°54	21°13	22° 0	15°50	23°24	17°22	25° 0	2° 0	25♂2	20♂58	20°17	27°12	10°Y33	T 2
F 3	0 46 50	9°48'34	4♂1	22° 1	23°15	16°31	23°35	17°25	25° 2	2° 2	25° 1	20°57	20°13	27°19	10°30	F 3
S 4	0 50 47	10°47'34	16°44	22°56	24°29	17°12	23°46	17°28	25° 3	2° 4	25° 0	20°57	20°10	27°26	10°27	S 4
S 5	0 54 44	11°46'37	29° 7	23°59	25°44	17°54	23°56	17°30	25° 5	2° 6	25° 0	20°56	20° 7	27°33	10°25	S 5
M 6	0 58 40	12°45'41	11♂15	25° 9	26°58	18°35	24° 7	17°33	25° 6	2° 8	24°59	20°55	20° 4	27°39	10°22	M 6
T 7	1 2 37	13°44'48	23°13	26°24	28°13	19°17	24°18	17°36	25° 8	2°10	24°58	20°51	20° 1	27°46	10°19	T 7
W 8	1 6 33	14°43'57	5♂5	27°45	29°27	19°59	24°28	17°38	25° 9	2°12	24°57	20°45	19°58	27°53	10°16	W 8
T 9	1 10 30	15°43'08	16°55	29°10	0♂42	20°40	24°39	17°41	25°10	2°14	24°56	20°36	19°54	27°59	10°14	T 9
F 10	1 14 26	16°42'21	28°45	0♂39	1°57	21°22	24°49	17°43	25°11	2°17	24°56	20°24	19°51	28° 6	10°11	F 10
S 11	1 18 23	17°41'36	10♂39	2°11	3°12	22° 4	24°59	17°45	25°12	2°19	24°55	20°10	19°48	28°13	10° 8	S 11
S 12	1 22 19	18°40'54	22°36	3°46	4°26	22°46	25°10	17°47	25°13	2°21	24°54	19°55	19°45	28°20	10° 6	S 12
M13	1 26 16	19°40'13	4♂38	5°23	5°41	23°28	25°20	17°49	25°14	2°23	24°53	19°41	19°42	28°26	10° 3	M13
T 14	1 30 13	20°39'35	16°47	7° 3	6°56	24°10	25°30	17°51	25°15	2°25	24°52	19°28	19°39	28°33	10° 0	T 14
W15	1 34 9	21°38'58	29° 3	8°43	8°11	24°53	25°40	17°53	25°16	2°28	24°51	19°18	19°35	28°40	9°57	W15
T 16	1 38 6	22°38'24	11♂29	10°25	9°26	25°35	25°49	17°55	25°17	2°30	24°50	19°11	19°32	28°46	9°55	T 16
F 17	1 42 2	23°37'51	24° 7	12° 7	10°40	26°17	25°59	17°56	25°18	2°32	24°49	19° 7	19°29	28°53	9°52	F 17
S 18	1 45 59	24°37'20	6♂59	13°50	11°55	27° 0	26° 9	17°58	25°19	2°34	24°48	19° 5	19°26	29° 0	9°49	S 18
S 19	1 49 55	25°36'50	20° 9	15°33	13°10	27°42	26°18	17°59	25°19	2°36	24°47	19° 4	19°23	29° 7	9°47	S 19
M20	1 53 52	26°36'23	3♂40	17°16	14°25	28°25	26°28	18° 0	25°20	2°39	24°46	19° 4	19°19	29°13	9°44	M20
T 21	1 57 48	27°35'57	17°34	18°59	15°40	29° 7	26°37	18° 1	25°21	2°41	24°45	19° 3	19°16	29°20	9°42	T 21
W22	2 1 45	28°35'32	1♂52	20°43	16°55	29°50	26°46	18° 2	25°21	2°43	24°44	19° 0	19°13	29°27	9°39	W22
T 23	2 5 42	29°35'10	16°33	22°26	18°10	0♂33	26°55	18° 3	25°22	2°45	24°44	18°54	19°10	29°33	9°37	T 23
F 24	2 9 38	0♂34'49	1♂32	24° 8	19°25	1°15	27° 4	18° 4	25°22	2°48	24°42	18°46	19° 7	29°40	9°34	F 24
S 25	2 13 35	1°34'30	16°40	25°51	20°40	1°58	27°13	18° 5	25°23	2°50	24°41	18°35	19° 4	29°47	9°32	S 25
S 26	2 17 31	2°34'13	1♂48	27°32	21°55	2°41	27°21	18° 5	25°23	2°52	24°40	18°24	19° 0	29°54	9°29	S 26
M27	2 21 28	3°33'57	16°45	29°14	23°10	3°24	27°30	18° 6	25°23	2°54	24°39	18°14	18°57	0♂0	9°27	M27
T 28	2 25 24	4°33'44	1♂22	0♂55	24°25	4° 7	27°38	18° 6	25°23	2°57	24°38	18° 5	18°54	0° 7	9°24	T 28
W29	2 29 21	5°33'34	15°33	2°36	25°40	4°51	27°47	18° 6	25°24	2°59	24°37	17°59	18°51	0°14	9°22	W29
T 30	2 33 17	6°33'25	29°15	4°16	26°56	5°34	27°55	18° 6	25°24	3° 1	24°36	17°55	18°48	0°20	9°19	T 30
F 31	2 37 14	7♂33'18	12♂28	5♂55	28♂11	6♂17	28♂3	18°R 6	25♂24	3♂3	24♂35	17°D53	18♂44	0♂27	9♂17	F 31

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

Julian Day Number = 2496012.5, Delta T = 104.23 sec

Ecliptic obliquity = 23°25'28", Nutation = 0°00'15", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 26°26'29", Lahiri = 25°33'29"

ASTRODIENST EPHEMERIS for the year 2121

geocentric

NOVEMBER 2121

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 41 11	8♉33°14	25♏16	7♉34	29♏26	7♉ 0	28♏11	18°R 6	25°R24	3♉ 6	24°R34	17♏53	18♏41	0♏34	9°R15	S 1
S 2	2 45 7	9°33'11	7♏41	9°13	0♉41	7°44	28°19	18♏ 6	25♏24	3° 8	24♏33	17°R54	18°38	0°41	9°Y12	S 2
M 3	2 49 4	10°33'11	19°50	10°51	1°56	8°27	28°27	18° 6	25°24	3°10	24°32	17°53	18°35	0°47	9°10	M 3
T 4	2 53 0	11°33'13	1♐48	12°29	3°11	9°11	28°34	18° 5	25°23	3°12	24°31	17°51	18°32	0°54	9° 8	T 4
W 5	2 56 57	12°33'17	13°40	14° 6	4°27	9°54	28°41	18° 5	25°23	3°14	24°30	17°47	18°29	1° 1	9° 6	W 5
T 6	3 0 53	13°33'23	25°30	15°43	5°42	10°38	28°49	18° 4	25°23	3°17	24°29	17°40	18°25	1° 7	9° 4	T 6
F 7	3 4 50	14°33'31	7♏22	17°19	6°57	11°22	28°56	18° 3	25°23	3°19	24°28	17°30	18°22	1°14	9° 1	F 7
S 8	3 8 46	15°33'41	19°19	18°55	8°13	12° 6	29° 3	18° 2	25°22	3°21	24°27	17°19	18°19	1°21	8°59	S 8
S 9	3 12 43	16°33'53	1♉23	20°30	9°28	12°50	29°10	18° 1	25°22	3°23	24°25	17° 7	18°16	1°28	8°57	S 9
M10	3 16 39	17°34'07	13°36	22° 6	10°43	13°33	29°16	18° 0	25°21	3°26	24°24	16°55	18°13	1°34	8°55	M10
T 11	3 20 36	18°34'23	25°58	23°40	11°58	14°18	29°23	17°59	25°21	3°28	24°23	16°44	18°10	1°41	8°53	T 11
W12	3 24 33	19°34'40	8♉29	25°15	13°14	15° 2	29°29	17°58	25°20	3°30	24°22	16°36	18° 6	1°48	8°51	W12
T 13	3 28 29	20°34'59	21°11	26°49	14°29	15°46	29°36	17°56	25°20	3°32	24°21	16°30	18° 3	1°54	8°50	T 13
F 14	3 32 26	21°35'20	4♏ 3	28°23	15°44	16°30	29°42	17°55	25°19	3°34	24°20	16°27	18° 0	2° 1	8°48	F 14
S 15	3 36 22	22°35'42	17° 7	29°56	17° 0	17°14	29°48	17°53	25°18	3°36	24°19	16°D27	17°57	2° 8	8°46	S 15
S 16	3 40 19	23°36'06	0♏25	1♉29	18°15	17°58	29°53	17°51	25°17	3°39	24°18	16°27	17°54	2°15	8°44	S 16
M17	3 44 15	24°36'30	13°58	3° 2	19°31	18°43	29°59	17°49	25°17	3°41	24°16	16°28	17°50	2°21	8°42	M17
T 18	3 48 12	25°36'57	27°47	4°35	20°46	19°27	0♐ 4	17°47	25°16	3°43	24°15	16°R29	17°47	2°28	8°41	T 18
W19	3 52 9	26°37'24	11♏53	6° 7	22° 1	20°12	0°10	17°45	25°15	3°45	24°14	16°28	17°44	2°35	8°39	W19
T 20	3 56 5	27°37'53	26°15	7°39	23°17	20°56	0°15	17°43	25°14	3°47	24°13	16°24	17°41	2°41	8°37	T 20
F 21	4 0 2	28°38'22	10°Y51	9°11	24°32	21°41	0°20	17°41	25°13	3°49	24°12	16°19	17°38	2°48	8°36	F 21
S 22	4 3 58	29°38'54	25°34	10°43	25°47	22°26	0°25	17°38	25°12	3°51	24°11	16°12	17°35	2°55	8°34	S 22
S 23	4 7 55	0♉39°26	10♏19	12°14	27° 3	23°10	0°29	17°36	25°10	3°53	24°10	16° 5	17°31	3° 2	8°33	S 23
M24	4 11 51	1°40'00	24°57	13°45	28°18	23°55	0°34	17°33	25° 9	3°55	24° 9	15°58	17°28	3° 8	8°32	M24
T 25	4 15 48	2°40'35	9♐20	15°16	29°34	24°40	0°38	17°30	25° 8	3°57	24° 7	15°52	17°25	3°15	8°30	T 25
W26	4 19 44	3°41'12	23°24	16°47	0♉49	25°25	0°42	17°28	25° 7	3°59	24° 6	15°48	17°22	3°22	8°29	W26
T 27	4 23 41	4°41'51	7♏ 4	18°17	2° 5	26°10	0°46	17°25	25° 5	4° 1	24° 5	15°46	17°19	3°28	8°28	T 27
F 28	4 27 38	5°42'31	20°19	19°47	3°20	26°55	0°50	17°22	25° 4	4° 3	24° 4	15°D45	17°16	3°35	8°27	F 28
S 29	4 31 34	6°43'12	3♏10	21°17	4°35	27°40	0°53	17°19	25° 2	4° 5	24° 3	15°46	17°12	3°42	8°25	S 29
S 30	4 35 31	7♉43°55	15♏40	22♉46	5♉51	28♉25	0♐57	17♏16	25♏ 1	4♉ 7	24♏ 2	15♏48	17♏ 9	3♏49	8°Y24	S 30

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

ASTRODIENST EPHEMERIS for the year 2121

geocentric

DECEMBER 2121

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 39 27	8♂44'39	27♂53	24♂15	7♂ 6	29♂10	1♂ 0	17°R12	24°R59	4♂ 9	24°R 1	15♂50	17♂ 6	3♂55	8°R23	M 1
T 2	4 43 24	9°45'25	9♂54	25°43	8°22	29°55	1° 3	17♂ 9	24♂58	4°11	24♂ 0	15°R50	17° 3	4° 2	8°Y22	T 2
W 3	4 47 20	10°46'13	21°47	27°11	9°37	0♂41	1° 6	17° 6	24°56	4°13	23°59	15°49	17° 0	4° 9	8°21	W 3
T 4	4 51 17	11°47'01	3♂39	28°39	10°53	1°26	1° 9	17° 2	24°55	4°15	23°58	15°47	16°56	4°16	8°20	T 4
F 5	4 55 13	12°47'52	15°33	0♂ 5	12° 8	2°11	1°11	16°59	24°53	4°17	23°57	15°43	16°53	4°22	8°20	F 5
S 6	4 59 10	13°48'43	27°33	1°31	13°24	2°57	1°13	16°55	24°51	4°19	23°56	15°38	16°50	4°29	8°19	S 6
S 7	5 3 7	14°49'36	9♂42	2°56	14°39	3°42	1°16	16°51	24°49	4°20	23°55	15°33	16°47	4°36	8°18	S 7
M 8	5 7 3	15°50'30	22° 4	4°20	15°55	4°28	1°18	16°47	24°48	4°22	23°53	15°27	16°44	4°42	8°17	M 8
T 9	5 11 0	16°51'26	4♂39	5°43	17°10	5°13	1°19	16°43	24°46	4°24	23°52	15°22	16°41	4°49	8°17	T 9
W10	5 14 56	17°52'22	17°28	7° 4	18°26	5°59	1°21	16°40	24°44	4°26	23°51	15°18	16°37	4°56	8°16	W10
T 11	5 18 53	18°53'20	0♂30	8°24	19°41	6°45	1°22	16°35	24°42	4°27	23°50	15°16	16°34	5° 3	8°16	T 11
F 12	5 22 49	19°54'18	13°46	9°42	20°57	7°31	1°23	16°31	24°40	4°29	23°49	15°D15	16°31	5° 9	8°15	F 12
S 13	5 26 46	20°55'17	27°14	10°57	22°12	8°16	1°24	16°27	24°38	4°31	23°48	15°16	16°28	5°16	8°15	S 13
S 14	5 30 42	21°56'17	10♂53	12°10	23°28	9° 2	1°25	16°23	24°36	4°32	23°47	15°17	16°25	5°23	8°14	S 14
M15	5 34 39	22°57'18	24°41	13°19	24°43	9°48	1°26	16°19	24°34	4°34	23°46	15°19	16°22	5°29	8°14	M15
T 16	5 38 36	23°58'18	8♂39	14°25	25°58	10°34	1°26	16°14	24°32	4°36	23°46	15°20	16°18	5°36	8°14	T 16
W17	5 42 32	24°59'20	22°44	15°27	27°14	11°20	1°R26	16°10	24°30	4°37	23°45	15°R20	16°15	5°43	8°14	W17
T 18	5 46 29	26° 0'21	6°Y56	16°25	28°29	12° 6	1°26	16° 5	24°27	4°39	23°44	15°20	16°12	5°50	8°14	T 18
F 19	5 50 25	27° 1'23	21°11	17°16	29°45	12°52	1°26	16° 1	24°25	4°40	23°43	15°19	16° 9	5°56	8°14	F 19
S 20	5 54 22	28° 2'26	5♂28	18° 2	1♂ 0	13°38	1°26	15°56	24°23	4°42	23°42	15°17	16° 6	6° 3	8°D14	S 20
S 21	5 58 18	29° 3'29	19°43	18°41	2°16	14°24	1°25	15°52	24°21	4°43	23°41	15°15	16° 2	6°10	8°14	S 21
M22	6 2 15	0♂ 4'32	3♂51	19°11	3°31	15°11	1°24	15°47	24°18	4°45	23°40	15°12	15°59	6°17	8°14	M22
T 23	6 6 11	1° 5'36	17°48	19°33	4°47	15°57	1°23	15°43	24°16	4°46	23°39	15°11	15°56	6°23	8°14	T 23
W24	6 10 8	2° 6'40	1♂31	19°45	6° 2	16°43	1°22	15°38	24°14	4°48	23°38	15°10	15°53	6°30	8°14	W24
T 25	6 14 5	3° 7'45	14°57	19°R47	7°18	17°29	1°21	15°33	24°11	4°49	23°37	15°D 9	15°50	6°37	8°14	T 25
F 26	6 18 1	4° 8'50	28° 4	19°37	8°33	18°16	1°19	15°28	24° 9	4°51	23°37	15°10	15°47	6°43	8°15	F 26
S 27	6 21 58	5° 9'56	10♂52	19°16	9°49	19° 2	1°17	15°23	24° 7	4°52	23°36	15°10	15°43	6°50	8°15	S 27
S 28	6 25 54	6°11'02	23°22	18°43	11° 4	19°49	1°15	15°19	24° 4	4°53	23°35	15°11	15°40	6°57	8°16	S 28
M29	6 29 51	7°12'09	5♂37	17°59	12°20	20°35	1°13	15°14	24° 2	4°54	23°34	15°12	15°37	7° 4	8°16	M29
T 30	6 33 47	8°13'16	17°40	17° 3	13°35	21°22	1°11	15° 9	23°59	4°56	23°33	15°13	15°34	7°10	8°17	T 30
W31	6 37 44	9♂14'23	29♂36	15♂58	14♂50	22♂ 8	1♂ 8	15♂ 4	23♂57	4♂57	23♂33	15♂13	15♂31	7♂17	8°Y17	W31

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

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