



Astrodienst Ephemeris Tables for the year 2204

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 2204
geocentric

JANUARY 2204

00:00 UT

Day	Sid.t	☉	☾	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	6 38 16	9♌19'50	15♊8	0♈51	23♋54	18♌19	26°R42	14°Y35	15°R37	1°R21	1°R55	18°R 1	19♎33	13♏56	24♐3	S 1
M 2	6 42 12	10°21'00	27° 3	2°25	25° 3	18°49	26♌34	14°37	15♏34	1♐20	1♑54	17♎53	19°29	14° 2	24° 8	M 2
T 3	6 46 9	11°22'10	8♌54	3°58	26°12	19°18	26°27	14°39	15°32	1°20	1°53	17°47	19°26	14° 9	24°14	T 3
W 4	6 50 5	12°23'19	20°42	5°32	27°20	19°47	26°19	14°40	15°29	1°20	1°52	17°42	19°23	14°16	24°19	W 4
T 5	6 54 2	13°24'29	2♋31	7° 6	28°29	20°17	26°11	14°42	15°27	1°19	1°51	17°39	19°20	14°22	24°25	T 5
F 6	6 57 59	14°25'39	14°21	8°41	29°37	20°46	26° 4	14°44	15°24	1°19	1°50	17°D37	19°17	14°29	24°30	F 6
S 7	7 1 55	15°26'49	26°16	10°15	0♐46	21°15	25°56	14°46	15°21	1°19	1°50	17°38	19°14	14°36	24°36	S 7
S 8	7 5 52	16°27'59	8♋19	11°50	1°54	21°43	25°48	14°49	15°19	1°19	1°49	17°39	19°10	14°42	24°42	S 8
M 9	7 9 48	17°29'08	20°33	13°26	3° 1	22°12	25°40	14°51	15°16	1°19	1°48	17°41	19° 7	14°49	24°47	M 9
T 10	7 13 45	18°30'18	3♑ 3	15° 2	4° 9	22°40	25°32	14°53	15°14	1°19	1°47	17°43	19° 4	14°56	24°53	T 10
W11	7 17 41	19°31'26	15°52	16°38	5°17	23° 8	25°24	14°56	15°11	1°19	1°46	17°R43	19° 1	15° 2	24°58	W11
T 12	7 21 38	20°32'35	29° 6	18°15	6°24	23°36	25°16	14°58	15° 8	1°D18	1°45	17°43	18°58	15° 9	25° 4	T 12
F 13	7 25 34	21°33'43	12♋45	19°51	7°31	24° 4	25° 8	15° 1	15° 6	1°18	1°44	17°42	18°55	15°16	25°10	F 13
S 14	7 29 31	22°34'50	26°53	21°29	8°38	24°31	25° 0	15° 4	15° 3	1°19	1°42	17°39	18°51	15°22	25°15	S 14
S 15	7 33 28	23°35'57	11♐27	23° 7	9°44	24°59	24°52	15° 7	15° 1	1°19	1°41	17°36	18°48	15°29	25°21	S 15
M16	7 37 24	24°37'04	26°23	24°45	10°50	25°26	24°44	15°10	14°58	1°19	1°40	17°32	18°45	15°36	25°26	M16
T 17	7 41 21	25°38'10	11♏33	26°24	11°56	25°53	24°36	15°13	14°56	1°19	1°39	17°30	18°42	15°42	25°32	T 17
W18	7 45 17	26°39'16	26°49	28° 3	13° 2	26°19	24°28	15°16	14°53	1°19	1°38	17°28	18°39	15°49	25°38	W18
T 19	7 49 14	27°40'21	12♎ 0	29°43	14° 8	26°46	24°20	15°19	14°51	1°19	1°37	17°D27	18°35	15°56	25°43	T 19
F 20	7 53 10	28°41'26	26°55	1♋23	15°13	27°12	24°11	15°23	14°48	1°19	1°36	17°27	18°32	16° 2	25°49	F 20
S 21	7 57 7	29°42'31	11♑30	3° 4	16°18	27°38	24° 3	15°26	14°46	1°20	1°34	17°28	18°29	16° 9	25°54	S 21
S 22	8 1 4	0♋43'35	25°37	4°45	17°23	28° 4	23°55	15°30	14°43	1°20	1°33	17°29	18°26	16°16	26° 0	S 22
M23	8 5 0	1°44'39	9♌18	6°26	18°27	28°30	23°47	15°34	14°41	1°20	1°32	17°30	18°23	16°22	26° 6	M23
T 24	8 8 57	2°45'43	22°32	8° 8	19°31	28°55	23°40	15°37	14°38	1°21	1°31	17°31	18°20	16°29	26°11	T 24
W25	8 12 53	3°46'47	5♐22	9°51	20°35	29°20	23°32	15°41	14°36	1°21	1°29	17°R31	18°16	16°36	26°17	W25
T 26	8 16 50	4°47'50	17°52	11°34	21°38	29°45	23°24	15°45	14°33	1°22	1°28	17°31	18°13	16°42	26°22	T 26
F 27	8 20 46	5°48'52	0♊ 6	13°17	22°42	0♐ 9	23°16	15°49	14°31	1°22	1°27	17°30	18°10	16°49	26°28	F 27
S 28	8 24 43	6°49'55	12° 7	15° 0	23°44	0°34	23° 8	15°53	14°29	1°23	1°25	17°29	18° 7	16°56	26°33	S 28
S 29	8 28 39	7°50'56	24° 1	16°44	24°47	0°58	23° 1	15°58	14°26	1°23	1°24	17°27	18° 4	17° 2	26°39	S 29
M30	8 32 36	8°51'58	5♌51	18°28	25°49	1°21	22°53	16° 2	14°24	1°24	1°23	17°26	18° 1	17° 9	26°44	M30
T 31	8 36 33	9♋52'58	17♏39	20♋12	26♋50	1♐45	22♌46	16°Y 6	14♏22	1♐24	1♑21	17♎24	17♎57	17♏16	26♐50	T 31

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	23s 5	18s 1	4n36	24s16	0s52	15s14	1s48	5s25	1n54	21n 5	0n18	3n26	2s31	22n54
M 2	23 0	19 22	4 1	24 21	0 58	14 48	1 45	5 36	1 54	21 7	0 18	3 27	2 30	22 55
T 3	22 55	19 52	3 16	24 25	1 4	14 23	1 42	5 46	1 55	21 8	0 18	3 27	2 30	22 55
W 4	22 50	19 29	2 22	24 27	1 9	13 56	1 40	5 57	1 55	21 10	0 18	3 28	2 30	22 55
T 5	22 44	18 15	1 22	24 28	1 15	13 30	1 37	6 8	1 56	21 11	0 19	3 29	2 30	22 56
F 6	22 38	16 13	0 18	24 27	1 20	13 3	1 34	6 18	1 56	21 13	0 19	3 30	2 29	22 56
S 7	22 31	13 29	0s47	24 26	1 25	12 36	1 30	6 29	1 57	21 15	0 19	3 31	2 29	22 56
S 8	22 24	10 10	1 51	24 22	1 30	12 9	1 27	6 39	1 57	21 16	0 19	3 32	2 29	22 57
M 9	22 16	6 22	2 51	24 18	1 34	11 41	1 24	6 49	1 57	21 18	0 19	3 34	2 28	22 57
T 10	22 8	2 13	3 44	24 12	1 39	11 13	1 20	6 59	1 58	21 19	0 19	3 35	2 28	22 57
W11	22 0	2n 7	4 28	24 4	1 43	10 45	1 16	7 9	1 58	21 21	0 19	3 36	2 28	22 58
T 12	21 51	6 29	4 58	23 56	1 46	10 17	1 13	7 19	1 59	21 23	0 20	3 37	2 28	22 58
F 13	21 41	10 40	5 14	23 45	1 50	9 48	1 9	7 29	1 59	21 24	0 20	3 38	2 27	22 58
S 14	21 31	14 24	5 11	23 33	1 53	9 20	1 5	7 38	1 59	21 26	0 20	3 40	2 27	22 58
S 15	21 21	17 22	4 48	23 20	1 56	8 51	1 1	7 48	2 0	21 27	0 20	3 41	2 27	22 59
M16	21 10	19 16	4 6	23 5	1 58	8 22	0 56	7 57	2 0	21 29	0 20	3 43	2 27	22 59
T 17	20 59	19 50	3 5	22 49	2 1	7 52	0 52	8 7	2 0	21 31	0 20	3 44	2 26	22 59
W18	20 48	18 57	1 52	22 32	2 2	7 23	0 47	8 16	2 1	21 32	0 20	3 45	2 26	23 0
T 19	20 36	16 42	0 30	22 12	2 4	6 54	0 43	8 25	2 1	21 34	0 20	3 47	2 26	23 0
F 20	20 24	13 21	0n52	21 52	2 5	6 24	0 38	8 34	2 2	21 35	0 21	3 48	2 26	23 0
S 21	20 11	9 14	2 9	21 29	2 6	5 54	0 33	8 43	2 2	21 37	0 21	3 50	2 25	23 0
S 22	19 58	4 44	3 16	21 6	2 6	5 25	0 28	8 52	2 2	21 38	0 21	3 52	2 25	23 1
M23	19 45	0 8	4 9	20 40	2 6	4 55	0 23	9 1	2 3	21 40	0 21	3 53	2 25	23 1
T 24	19 31	4s18	4 47	20 14	2 5	4 25	0 18	9 9	2 3	21 41	0 21	3 55	2 25	23 1
W25	19 17	8 25	5 10	19 45	2 4	3 55	0 12	9 18	2 4	21 43	0 21	3 57	2 25	23 2
T 26	19 3	12 3	5 17	19 16	2 3	3 25	0 7	9 26	2 4	21 44	0 21	3 58	2 24	23 2
F 27	18 48	15 6	5 9	18 45	2 1	2 55	0 1	9 34	2 4	21 46	0 21	4 0	2 24	23 2
S 28	18 33	17 27	4 48	18 12	1 58	2 25	0n 5	9 42	2 5	21 47	0 22	4 2	2 24	23 2
S 29	18 17	19 2	4 15	17 38	1 55	1 55	0 10	9 50	2 5	21 48	0 22	4 4	2 24	23 3
M30	18 1	19 46	3 31	17 3	1 51	1 25	0 16	9 58	2 5	21 50	0 22	4 6	2 23	23 3
T 31	17s45	19s38	2n38	16s26	1s47	0s55	0n22	10s 6	2n 6	21n51	0n22	4n 7	2s23	23n 3

Julian Day Number = 2526053.5, Delta T = 166.96 sec
Ecliptic obliquity = 23°24'38, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°35'28, Lahiri = 26°42'29

ASTRODIENST EPHEMERIS for the year 2204

geocentric

FEBRUARY 2204

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 40 29	10 ⁵³ 58	29 ³ 28	21 ⁵⁶ 56	27 ⁷ 52	2 ¹¹ 8	22 ⁰ R38	16 ¹¹ 11	14 ⁰ R19	1 ⁸ 25	1 ⁰ R20	17 ⁰ R24	17 ⁰ Ω54	17 ⁰ Ω22	26 ⁰ Ω55	W 1
T 2	8 44 26	11 ⁰ 54'57	11 ⁰ 20	23 ⁰ 39	28 ⁰ 52	2 ⁰ 31	22 ⁰ Ω31	16 ⁰ 15	14 ⁰ Ω17	1 ⁰ 26	1 ⁰ 19	17 ⁰ Ω23	17 ⁰ 51	17 ⁰ 29	27 ⁰ 1	T 2
F 3	8 48 22	12 ⁰ 55'55	23 ⁰ 18	25 ⁰ 22	29 ⁰ 53	2 ⁰ 53	22 ⁰ 24	16 ⁰ 20	14 ⁰ 15	1 ⁰ 27	1 ⁰ 17	17 ⁰ D23	17 ⁰ 48	17 ⁰ 36	27 ⁰ 6	F 3
S 4	8 52 19	13 ⁰ 56'52	5 ⁰ 24	27 ⁰ 4	0 ⁰ Y53	3 ⁰ 16	22 ⁰ 17	16 ⁰ 25	14 ⁰ 13	1 ⁰ 27	1 ⁰ 16	17 ⁰ 24	17 ⁰ 45	17 ⁰ 42	27 ⁰ 12	S 4
S 5	8 56 15	14 ⁰ 57'48	17 ⁰ 38	28 ⁰ 46	1 ⁰ 52	3 ⁰ 38	22 ⁰ 10	16 ⁰ 29	14 ⁰ 11	1 ⁰ 28	1 ⁰ 14	17 ⁰ 24	17 ⁰ 41	17 ⁰ 49	27 ⁰ 17	S 5
M 6	9 0 12	15 ⁰ 58'42	0 ⁰ Y 4	0 ⁰ X26	2 ⁰ 51	3 ⁰ 59	22 ⁰ 3	16 ⁰ 34	14 ⁰ 9	1 ⁰ 29	1 ⁰ 13	17 ⁰ 24	17 ⁰ 38	17 ⁰ 56	27 ⁰ 22	M 6
T 7	9 4 8	16 ⁰ 59'36	12 ⁰ 43	2 ⁰ 5	3 ⁰ 50	4 ⁰ 20	21 ⁰ 56	16 ⁰ 39	14 ⁰ 7	1 ⁰ 30	1 ⁰ 12	17 ⁰ R24	17 ⁰ 35	18 ⁰ 2	27 ⁰ 28	T 7
W 8	9 8 5	18 ⁰ 0'28	25 ⁰ 38	3 ⁰ 41	4 ⁰ 48	4 ⁰ 41	21 ⁰ 50	16 ⁰ 44	14 ⁰ 5	1 ⁰ 31	1 ⁰ 10	17 ⁰ 24	17 ⁰ 32	18 ⁰ 9	27 ⁰ 33	W 8
T 9	9 12 1	19 ⁰ 1'19	8 ⁰ 51	5 ⁰ 15	5 ⁰ 46	5 ⁰ 2	21 ⁰ 43	16 ⁰ 49	14 ⁰ 3	1 ⁰ 32	1 ⁰ 9	17 ⁰ 24	17 ⁰ 29	18 ⁰ 16	27 ⁰ 38	T 9
F 10	9 15 58	20 ⁰ 2'08	22 ⁰ 24	6 ⁰ 46	6 ⁰ 43	5 ⁰ 22	21 ⁰ 37	16 ⁰ 55	14 ⁰ 1	1 ⁰ 33	1 ⁰ 7	17 ⁰ D24	17 ⁰ 26	18 ⁰ 22	27 ⁰ 44	F 10
S 11	9 19 55	21 ⁰ 2'56	6 ⁰ II18	8 ⁰ 14	7 ⁰ 39	5 ⁰ 42	21 ⁰ 31	17 ⁰ 0	13 ⁰ 59	1 ⁰ 34	1 ⁰ 6	17 ⁰ 24	17 ⁰ 22	18 ⁰ 29	27 ⁰ 49	S 11
S 12	9 23 51	22 ⁰ 3'42	20 ⁰ 33	9 ⁰ 37	8 ⁰ 35	6 ⁰ 1	21 ⁰ 25	17 ⁰ 5	13 ⁰ 57	1 ⁰ 35	1 ⁰ 4	17 ⁰ 25	17 ⁰ 19	18 ⁰ 36	27 ⁰ 54	S 12
M13	9 27 48	23 ⁰ 4'27	5 ⁰ Ω 7	10 ⁰ 56	9 ⁰ 30	6 ⁰ 20	21 ⁰ 19	17 ⁰ 11	13 ⁰ 55	1 ⁰ 36	1 ⁰ 3	17 ⁰ 25	17 ⁰ 16	18 ⁰ 42	27 ⁰ 59	M13
T 14	9 31 44	24 ⁰ 5'11	19 ⁰ 56	12 ⁰ 9	10 ⁰ 24	6 ⁰ 39	21 ⁰ 13	17 ⁰ 16	13 ⁰ 53	1 ⁰ 37	1 ⁰ 1	17 ⁰ 26	17 ⁰ 13	18 ⁰ 49	28 ⁰ 5	T 14
W15	9 35 41	25 ⁰ 5'52	4 ⁰ Ω53	13 ⁰ 15	11 ⁰ 18	6 ⁰ 57	21 ⁰ 8	17 ⁰ 22	13 ⁰ 51	1 ⁰ 38	1 ⁰ 0	17 ⁰ 26	17 ⁰ 10	18 ⁰ 56	28 ⁰ 10	W15
T 16	9 39 37	26 ⁰ 6'33	19 ⁰ 52	14 ⁰ 15	12 ⁰ 12	7 ⁰ 15	21 ⁰ 2	17 ⁰ 27	13 ⁰ 50	1 ⁰ 39	0 ⁰ 58	17 ⁰ R26	17 ⁰ 7	19 ⁰ 2	28 ⁰ 15	T 16
F 17	9 43 34	27 ⁰ 7'12	4 ⁰ III43	15 ⁰ 6	13 ⁰ 4	7 ⁰ 33	20 ⁰ 57	17 ⁰ 33	13 ⁰ 48	1 ⁰ 40	0 ⁰ 57	17 ⁰ 26	17 ⁰ 3	19 ⁰ 9	28 ⁰ 20	F 17
S 18	9 47 31	28 ⁰ 7'49	19 ⁰ 19	15 ⁰ 50	13 ⁰ 56	7 ⁰ 50	20 ⁰ 52	17 ⁰ 39	13 ⁰ 46	1 ⁰ 41	0 ⁰ 55	17 ⁰ 25	17 ⁰ 0	19 ⁰ 16	28 ⁰ 25	S 18
S 19	9 51 27	29 ⁰ 8'26	3 ⁰ Ω34	16 ⁰ 24	14 ⁰ 47	8 ⁰ 7	20 ⁰ 47	17 ⁰ 45	13 ⁰ 45	1 ⁰ 43	0 ⁰ 54	17 ⁰ 24	16 ⁰ 57	19 ⁰ 22	28 ⁰ 30	S 19
M20	9 55 24	0 ⁰ X 9'01	17 ⁰ 23	16 ⁰ 48	15 ⁰ 37	8 ⁰ 23	20 ⁰ 42	17 ⁰ 50	13 ⁰ 43	1 ⁰ 44	0 ⁰ 52	17 ⁰ 22	16 ⁰ 54	19 ⁰ 29	28 ⁰ 35	M20
T 21	9 59 20	1 ⁰ 9'35	0 ⁰ II46	17 ⁰ 3	16 ⁰ 26	8 ⁰ 39	20 ⁰ 37	17 ⁰ 56	13 ⁰ 42	1 ⁰ 45	0 ⁰ 51	17 ⁰ 20	16 ⁰ 51	19 ⁰ 36	28 ⁰ 40	T 21
W22	10 3 17	2 ⁰ 10'07	13 ⁰ 44	17 ⁰ R 7	17 ⁰ 15	8 ⁰ 54	20 ⁰ 33	18 ⁰ 2	13 ⁰ 40	1 ⁰ 46	0 ⁰ 49	17 ⁰ 19	16 ⁰ 47	19 ⁰ 42	28 ⁰ 45	W22
T 23	10 7 13	3 ⁰ 10'39	26 ⁰ 19	17 ⁰ 1	18 ⁰ 2	9 ⁰ 9	20 ⁰ 28	18 ⁰ 8	13 ⁰ 39	1 ⁰ 48	0 ⁰ 48	17 ⁰ 18	16 ⁰ 44	19 ⁰ 49	28 ⁰ 50	T 23
F 24	10 11 10	4 ⁰ 11'09	8 ⁰ X35	16 ⁰ 44	18 ⁰ 49	9 ⁰ 23	20 ⁰ 24	18 ⁰ 15	13 ⁰ 37	1 ⁰ 49	0 ⁰ 46	17 ⁰ D18	16 ⁰ 41	19 ⁰ 56	28 ⁰ 55	F 24
S 25	10 15 6	5 ⁰ 11'38	20 ⁰ 37	16 ⁰ 18	19 ⁰ 35	9 ⁰ 37	20 ⁰ 20	18 ⁰ 21	13 ⁰ 36	1 ⁰ 51	0 ⁰ 45	17 ⁰ 19	16 ⁰ 38	20 ⁰ 2	28 ⁰ 59	S 25
S 26	10 19 3	6 ⁰ 12'05	2 ⁰ Ω30	15 ⁰ 42	20 ⁰ 19	9 ⁰ 50	20 ⁰ 17	18 ⁰ 27	13 ⁰ 35	1 ⁰ 52	0 ⁰ 43	17 ⁰ 20	16 ⁰ 35	20 ⁰ 9	29 ⁰ 4	S 26
M27	10 22 59	7 ⁰ 12'31	14 ⁰ 18	14 ⁰ 59	21 ⁰ 3	10 ⁰ 3	20 ⁰ 13	18 ⁰ 33	13 ⁰ 33	1 ⁰ 53	0 ⁰ 42	17 ⁰ 22	16 ⁰ 32	20 ⁰ 16	29 ⁰ 9	M27
T 28	10 26 56	8 ⁰ 12'56	26 ⁰ 6	14 ⁰ 8	21 ⁰ 46	10 ⁰ 16	20 ⁰ 10	18 ⁰ 40	13 ⁰ 32	1 ⁰ 55	0 ⁰ 40	17 ⁰ 23	16 ⁰ 28	20 ⁰ 22	29 ⁰ 14	T 28
W29	10 30 53	9 ⁰ X13'20	7 ⁰ Ω57	13 ⁰ X12	22 ⁰ Y27	10 ⁰ II27	20 ⁰ Ω 6	18 ⁰ Y46	13 ⁰ Ω31	1 ⁰ Ω56	0 ⁰ III39	17 ⁰ Ω24	16 ⁰ Ω25	20 ⁰ Ω29	29 ⁰ Ω18	W29

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ASTRODIENST EPHEMERIS for the year 2204

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MARCH 2204

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T 1	10 34 49	10°13'41"	19°55'56"	12°R11	23°V 8	10°M39	20°R 3	18°V53	13°R30	1°S58	0°R37	17°R25	16°Ω22	20°S35	29°S23	T 1
F 2	10 38 46	11°14'01"	2°H 4	11°H 8	23°47	10°49	20°S 1	18°59	13°S29	2° 0	0°M36	17°Ω24	16°19	20°42	29°27	F 2
S 3	10 42 42	12°14'20"	14°23	10° 3	24°25	10°59	19°58	19° 6	13°28	2° 1	0°35	17°22	16°16	20°49	29°32	S 3
S 4	10 46 39	13°14'36"	26°55	9° 0	25° 2	11° 9	19°56	19°12	13°27	2° 3	0°33	17°18	16°12	20°55	29°36	S 4
M 5	10 50 35	14°14'51"	9°V39	7°58	25°37	11°18	19°53	19°19	13°26	2° 4	0°32	17°14	16° 9	21° 2	29°41	M 5
T 6	10 54 32	15°15'04"	22°38	6°59	26°11	11°26	19°51	19°26	13°25	2° 6	0°30	17° 9	16° 6	21° 9	29°45	T 6
W 7	10 58 28	16°15'15"	5°B49	6° 5	26°44	11°34	19°49	19°32	13°24	2° 8	0°29	17° 5	16° 3	21°15	29°49	W 7
T 8	11 2 25	17°15'24"	19°14	5°16	27°14	11°41	19°48	19°39	13°23	2° 9	0°27	17° 1	16° 0	21°22	29°54	T 8
F 9	11 6 22	18°15'31"	2°II52	4°32	27°44	11°47	19°46	19°46	13°23	2°11	0°26	16°59	15°57	21°29	29°58	F 9
S 10	11 10 18	19°15'36"	16°43	3°55	28°12	11°53	19°45	19°53	13°22	2°13	0°24	16°D58	15°53	21°35	0°22	S 10
S 11	11 14 15	20°15'39"	0°S46	3°25	28°38	11°58	19°44	20° 0	13°22	2°15	0°23	16°58	15°50	21°42	0° 6	S 11
M12	11 18 11	21°15'39"	15° 1	3° 2	29° 2	12° 2	19°43	20° 7	13°21	2°17	0°22	16°59	15°47	21°49	0°10	M12
T 13	11 22 8	22°15'38"	29°25	2°45	29°24	12° 6	19°42	20°14	13°21	2°18	0°20	17° 1	15°44	21°55	0°14	T 13
W14	11 26 4	23°15'34"	13°Ω56	2°35	29°45	12° 9	19°42	20°21	13°20	2°20	0°19	17°R 2	15°41	22° 2	0°18	W14
T 15	11 30 1	24°15'28"	28°29	2°D31	0°B 4	12°12	19°42	20°28	13°20	2°22	0°18	17° 1	15°38	22° 9	0°22	T 15
F 16	11 33 57	25°15'20"	12°M59	2°34	0°20	12°13	19°D42	20°35	13°19	2°24	0°16	16°59	15°34	22°15	0°26	F 16
S 17	11 37 54	26°15'10"	27°20	2°42	0°35	12°14	19°42	20°42	13°19	2°26	0°15	16°55	15°31	22°22	0°30	S 17
S 18	11 41 51	27°14'58"	11°A26	2°56	0°47	12°R15	19°42	20°49	13°19	2°28	0°14	16°49	15°28	22°29	0°33	S 18
M19	11 45 47	28°14'44"	25°12	3°16	0°57	12°14	19°43	20°56	13°19	2°30	0°12	16°42	15°25	22°35	0°37	M19
T 20	11 49 44	29°14'28"	8°M36	3°40	1° 5	12°13	19°43	21° 4	13°19	2°32	0°11	16°35	15°22	22°42	0°41	T 20
W21	11 53 40	0°V14'11"	21°37	4°10	1°11	12°11	19°44	21°11	13°19	2°34	0°10	16°28	15°18	22°49	0°44	W21
T 22	11 57 37	1°13'51"	4°A15	4°44	1°14	12° 9	19°45	21°18	13°D18	2°36	0° 9	16°23	15°15	22°55	0°48	T 22
F 23	12 1 33	2°13'30"	16°35	5°22	1°R15	12° 5	19°46	21°25	13°19	2°38	0° 7	16°20	15°12	23° 2	0°51	F 23
S 24	12 5 30	3°13'08"	28°39	6° 4	1°13	12° 1	19°48	21°33	13°19	2°40	0° 6	16°D18	15° 9	23° 9	0°55	S 24
S 25	12 9 26	4°12'43	10°S33	6°49	1° 9	11°56	19°50	21°40	13°19	2°42	0° 5	16°18	15° 6	23°15	0°58	S 25
M26	12 13 23	5°12'17	22°21	7°38	1° 3	11°50	19°51	21°47	13°19	2°44	0° 4	16°20	15° 3	23°22	1° 1	M26
T 27	12 17 19	6°11'49	4°A10	8°31	0°54	11°44	19°53	21°55	13°19	2°46	0° 3	16°21	14°59	23°29	1° 4	T 27
W28	12 21 16	7°11'20	16° 4	9°26	0°43	11°36	19°56	22° 2	13°20	2°48	0° 1	16°R21	14°56	23°35	1° 7	W28
T 29	12 25 13	8°10'48	28° 7	10°25	0°29	11°28	19°58	22°10	13°20	2°50	0° 0	16°21	14°53	23°42	1°10	T 29
F 30	12 29 9	9°10'15	10°H24	11°26	0°12	11°19	20° 1	22°17	13°20	2°52	29°Ω59	16°18	14°50	23°49	1°13	F 30
S 31	12 33 6	10°V 9'39	22°H57	12°H29	29°V54	11°M10	20°S 3	22°V25	13°S21	2°S54	29°Ω58	16°Ω13	14°Ω47	23°S55	1°A16	S 31

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T 1	7s43	15s 2	0s14	3s33	3n42	12n50	4n 9	12s53	2n14	22n19	0n24	5n16	2s18	23n 8	0n25	10n34	1s41	21n30	11n 1	15n36	15n55	19s37	13s50	6n34										
F 2	7 21	11 58	1 20	3 57	3 42	13 13	4 18	12 56	2 14	22 19	0 24	5 18	2 17	23 8	0 25	10 34	1 41	21 31	11 1	15 36	15 56	19 37	13 49	6 34										
S 3	6 58	8 21	2 23	4 24	3 40	13 35	4 27	12 59	2 14	22 20	0 24	5 21	2 17	23 8	0 25	10 35	1 41	21 32	11 1	15 37	15 57	19 37	13 47	6 35										
S 4	6 35	4 18	3 20	4 52	3 35	13 57	4 35	13 2	2 14	22 20	0 25	5 24	2 17	23 9	0 25	10 35	1 41	21 32	11 1	15 38	15 58	19 36	13 46	6 35										
M 5	6 12	0n 0	4 9	5 21	3 29	14 18	4 44	13 4	2 14	22 21	0 25	5 26	2 17	23 9	0 25	10 36	1 41	21 33	11 1	15 39	15 59	19 36	13 45	6 35										
T 6	5 48	4 23	4 45	5 50	3 20	14 38	4 53	13 7	2 14	22 21	0 25	5 29	2 17	23 9	0 25	10 36	1 41	21 33	11 1	15 40	15 59	19 36	13 44	6 36										
W 7	5 25	8 37	5 7	6 19	3 11	14 59	5 2	13 9	2 14	22 21	0 25	5 31	2 17	23 9	0 25	10 37	1 41	21 34	11 1	15 42	16 0	19 36	13 42	6 36										
T 8	5 2	12 29	5 13	6 47	3 0	15 18	5 10	13 11	2 14	22 22	0 25	5 34	2 17	23 9	0 25	10 38	1 41	21 34	11 1	15 43	16 1	19 36	13 41	6 36										
F 9	4 38	15 47	5 1	7 14	2 47	15 37	5 19	13 13	2 14	22 22	0 25	5 37	2 17	23 9	0 25	10 38	1 41	21 35	11 1	15 44	16 2	19 35	13 40	6 37										
S 10	4 15	18 14	4 32	7 40	2 34	15 55	5 28	13 15	2 14	22 22	0 25	5 39	2 16	23 9	0 25	10 39	1 41	21 35	11 1	15 44	16 3	19 35	13 39	6 37										
S 11	3 51	19 38	3 46	8 3	2 21	16 12	5 36	13 17	2 14	22 22	0 25	5 42	2 16	23 9	0 25	10 40	1 41	21 36	11 1	15 44	16 4	19 35	13 38	6 37										
M12	3 28	19 49	2 46	8 25	2 7	16 29	5 45	13 18	2 14	22 22	0 25	5 45	2 16	23 9	0 25	10 40	1 41	21 36	11 1	15 43	16 5	19 35	13 36	6 38										
T 13	3 4	18 42	1 35	8 44	1 52	16 45	5 53	13 19	2 14	22 23	0 25	5 48	2 16	23 9	0 25	10 41	1 41	21 37	11 1	15 43	16 6	19 34	13 35	6 38										
W14	2 40	16 21	0 17	9 1	1 38	17 0	6 2	13 21	2 14	22 23	0 25	5 50	2 16	23 9	0 25	10 42	1 41	21 37	11 1	15 43	16 7	19 34	13 34	6 39										
T 15	2 17	12 57	1n 2	9 16	1 24	17 15	6 10	13 21	2 14	22 23	0 25	5 53	2 16	23 9	0 25	10 42	1 41	21 37	11 1	15 43	16 8	19 34	13 33	6 39										
F 16	1 53	8 47	2 17	9 28	1 9	17 28	6 18	13 22	2 13	22 23	0 25	5 56	2 16	23 9	0 25	10 43	1 41	21 38	11 0	15 44	16 9	19 34	13 31	6 40										
S 17	1 29	4 9	3 22	9 38	0 55	17 41	6 26	13 23	2 13	22 23	0 25	5 59	2 16	23 9	0 25	10 44	1 41	21 38	11 0	15 45	16 10	19 33	13 30	6 40										
S 18	1 6	0s38	4 13	9 46	0 41	17 53	6 34	13 23	2 13	22 23	0 25	6 1	2 16	23 9	0 25	10 44	1 41	21 39	11 0	15 47	16 11	19 33	13 29	6 40										
M19	0 42	5 16	4 48	9 52	0 28	18 3	6 42	13 23	2 12	22 23	0 25	6 4	2 16	23 9	0 25	10 45	1 41	21 39	11 0	15 49	16 12	19 33	13 28	6 41										
T 20	0 18	9 30	5 7	9 55	0 15	18 13	6 49	13 23	2 12	22 23	0 25	6 7	2 15	23 9	0 24	10 46	1 41	21 39	11 0	15 51	16 13	19 33	13 27	6 41										
W21	0n 6	13 11	5 8	9 56	0 2	18 22	6 56	13 23	2 12	22 23	0 25	6 10	2 15	23 9	0 24	10 46	1 41	21 40	11 0	15 53	16 14	19 32	13 26	6 42										
T 22	0 29	16 8	4 55	9 55	0s10	18 29	7 3	13 23	2 11	22 23	0 25	6 12	2 15	23 9	0 24	10 47	1 40	21 40	11 0	15 54	16 15	19 32	13 24	6 42										
F 23	0 53	18 18	4 28	9 52	0 22	18 36	7 10	13 22	2 11	22 22	0 25	6 15	2 15	23 9	0 24	10 48	1 40	21 41	11 0	15 55	16 15	19 32	13 23	6 43										
S 24	1 17	19 35	3 49	9 47	0 33	18 41	7 16	13 21	2 10	22 22	0 25	6 18	2 15	23 9	0 24	10 48	1 40	21 41	11 0	15 56	16 16	19 31	13 22	6 43										
S 25	1 40	19 59	3 1	9 40	0 44	18 45	7 22	13 20	2 10	22 22	0 25	6 21	2 15	23 9	0 24	10 49	1 40	21 41	11 0	15 56	16 17	19 31	13 21	6 44										
M26	2 4	19 29	2 6	9 32	0 54	18 48	7 27	13 19	2 9	22 22	0 25	6 24	2 15	23 9	0 24	10 50	1 40	21 42	11 0	15 55	16 18	19 31	13 20	6 44										
T 27	2 27	18 8	1 5	9 21	1 4	18 49	7 32	13 18	2 9	22 22	0 25	6 26	2 15	23 9	0 24	10 51	1 40	21 42	10 59	15 55	16 19	19 31	13 19	6 44										
W28	2 51	15 59	0 2	9 9	1 13	18 49	7 36	13 16	2 8	22 21	0 25	6 29	2 15	23 9	0 24	10 51	1 40	21 42	10 59	15 55	16 20	19 30	13 18	6 45										
T 29	3 14	13 6	1s 3	8 55	1 22	18 48	7 40	13 14	2 7	22 21	0 26	6 32	2 15	23 9	0 24	10 52	1 40	21 43	10 59	15 55	16 21	19 30	13 16	6 45										
F 30	3 38	9 36	2 6	8 40	1 30	18 45	7 43	13 12	2 6	22 21	0 26	6 35	2 15	23 9	0 24	10 53	1 40	21 43	10 59	15 56	16 22	19 30	13 15	6 46										
S 31	4n 1	5s36	3s 4	8s22	1s38	18n40	7n46	13s10	2n 6	22n20	0n26	6n38	2s15	23n 9	0n24	10n54	1s40	21n43	10n59	15n58	16n23	19s29	13s14	6n46										

ASTRODIENST EPHEMERIS for the year 2204

geocentric

APRIL 2204

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 37 2	11°02'	5°47'	13°35'	29°R33	10°R59	20°56	22°Y32	13°21	2°56	29°R57	16°R 5	14°Ω44	24°2	1°19	S 1
M 2	12 40 59	12° 8'23	18°54	14°44	29°Y 9	10°M48	20° 9	22°40	13°22	2°58	29°Ω56	15°Ω56	14°40	24° 8	1°22	M 2
T 3	12 44 55	13° 7'41	2°16	15°55	28°44	10°36	20°13	22°47	13°23	3° 1	29°55	15°46	14°37	24°15	1°25	T 3
W 4	12 48 52	14° 6'58	15°53	17° 7	28°17	10°24	20°16	22°55	13°23	3° 3	29°54	15°36	14°34	24°22	1°27	W 4
T 5	12 52 48	15° 6'12	29°40	18°22	27°47	10°10	20°20	23° 2	13°24	3° 5	29°53	15°27	14°31	24°28	1°30	T 5
F 6	12 56 45	16° 5'25	13°II35	19°39	27°16	9°56	20°24	23°10	13°25	3° 7	29°52	15°21	14°28	24°35	1°32	F 6
S 7	13 0 42	17° 4'34	27°36	20°58	26°43	9°41	20°28	23°17	13°26	3° 9	29°51	15°17	14°24	24°42	1°35	S 7
S 8	13 4 38	18° 3'42	11°341	22°19	26° 9	9°26	20°32	23°25	13°27	3°11	29°50	15°16	14°21	24°48	1°37	S 8
M 9	13 8 35	19° 2'47	25°48	23°41	25°34	9°10	20°36	23°32	13°28	3°14	29°49	15°D15	14°18	24°55	1°39	M 9
T 10	13 12 31	20° 1'50	9°Ω56	25° 5	24°57	8°53	20°41	23°40	13°29	3°16	29°48	15°R16	14°15	25° 2	1°42	T 10
W11	13 16 28	21° 0'51	24° 4	26°31	24°20	8°35	20°46	23°48	13°30	3°18	29°48	15°16	14°12	25° 8	1°44	W11
T 12	13 20 24	21°59'49	8°II11	27°59	23°42	8°18	20°50	23°55	13°31	3°20	29°47	15°14	14° 9	25°15	1°46	T 12
F 13	13 24 21	22°58'45	22°14	29°28	23° 4	7°59	20°55	24° 3	13°32	3°22	29°46	15° 9	14° 5	25°22	1°48	F 13
S 14	13 28 17	23°57'39	6° 9	0°Y59	22°27	7°40	21° 1	24°10	13°33	3°25	29°45	15° 2	14° 2	25°28	1°50	S 14
S 15	13 32 14	24°56'30	19°54	2°31	21°49	7°20	21° 6	24°18	13°34	3°27	29°44	14°52	13°59	25°35	1°52	S 15
M16	13 36 11	25°55'20	3°M24	4° 5	21°12	7° 0	21°12	24°26	13°36	3°29	29°44	14°41	13°56	25°42	1°53	M16
T 17	13 40 7	26°54'08	16°37	5°41	20°36	6°40	21°17	24°33	13°37	3°31	29°43	14°29	13°53	25°48	1°55	T 17
W18	13 44 4	27°52'54	29°31	7°18	20° 0	6°19	21°23	24°41	13°38	3°34	29°42	14°17	13°49	25°55	1°57	W18
T 19	13 48 0	28°51'38	12° 7	8°57	19°26	5°58	21°29	24°48	13°40	3°36	29°42	14° 8	13°46	26° 2	1°58	T 19
F 20	13 51 57	29°50'20	24°25	10°38	18°53	5°36	21°35	24°56	13°41	3°38	29°41	14° 0	13°43	26° 8	2° 0	F 20
S 21	13 55 53	0°49'01	6°329	12°20	18°22	5°14	21°41	25° 3	13°43	3°40	29°41	13°56	13°40	26°15	2° 1	S 21
S 22	13 59 50	1°47'40	18°23	14° 4	17°53	4°52	21°48	25°11	13°44	3°43	29°40	13°53	13°37	26°22	2° 3	S 22
M23	14 3 46	2°46'17	0°12	15°49	17°26	4°30	21°54	25°19	13°46	3°45	29°39	13°D52	13°34	26°28	2° 4	M23
T 24	14 7 43	3°44'53	12° 1	17°36	17° 0	4° 8	22° 1	25°26	13°48	3°47	29°39	13°R52	13°30	26°35	2° 5	T 24
W25	14 11 40	4°43'27	23°56	19°25	16°37	3°45	22° 8	25°34	13°50	3°50	29°38	13°52	13°27	26°41	2° 6	W25
T 26	14 15 36	5°41'59	6° 2	21°15	16°17	3°22	22°15	25°41	13°51	3°52	29°38	13°51	13°24	26°48	2° 7	T 26
F 27	14 19 33	6°40'30	18°24	23° 7	15°58	3° 0	22°22	25°49	13°53	3°54	29°38	13°47	13°21	26°55	2° 8	F 27
S 28	14 23 29	7°38'59	1° 6	25° 0	15°42	2°37	22°29	25°56	13°55	3°56	29°37	13°40	13°18	27° 1	2° 9	S 28
S 29	14 27 26	8°37'26	14° 9	26°56	15°28	2°14	22°37	26° 4	13°57	3°59	29°37	13°31	13°15	27° 8	2°10	S 29
M30	14 31 22	9°35'52	27°Y34	28°Y52	15°Y17	1°M52	22°344	26°Y11	13°259	4° 1	29°Ω36	13°Ω20	13°Ω11	27°Ω15	2°10	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	4n24	1s17	3s53	8s 4	1s45	18n35	7n48	13s 8	2n 5	22n20	0n26	6n40	2s15	23n 9	0n24	10n54	1s40	21n43	10n59	16n 0	16n24	19s29	13s13	6n47			
M 2	4 48	3n12	4 32	7 43	1 52	18 27	7 49	13 5	2 4	22 19	0 26	6 43	2 15	23 9	0 24	10 55	1 40	21 44	10 59	16 3	16 25	19 29	13 12	6 47			
T 3	5 11	7 36	4 56	7 22	1 58	18 19	7 50	13 3	2 3	22 19	0 26	6 46	2 15	23 9	0 24	10 56	1 40	21 44	10 58	16 6	16 26	19 28	13 11	6 48			
W 4	5 34	11 42	5 5	6 59	2 4	18 9	7 49	13 0	2 2	22 18	0 26	6 49	2 15	23 8	0 24	10 57	1 40	21 44	10 58	16 8	16 27	19 28	13 10	6 48			
T 5	5 57	15 14	4 56	6 34	2 9	17 57	7 48	12 56	2 1	22 18	0 26	6 52	2 15	23 8	0 24	10 57	1 40	21 44	10 58	16 11	16 28	19 28	13 9	6 49			
F 6	6 19	17 57	4 29	6 8	2 13	17 44	7 46	12 53	1 59	22 17	0 26	6 54	2 15	23 8	0 24	10 58	1 40	21 44	10 58	16 13	16 28	19 27	13 8	6 49			
S 7	6 42	19 37	3 46	5 41	2 18	17 29	7 44	12 50	1 58	22 17	0 26	6 57	2 15	23 8	0 24	10 59	1 40	21 45	10 58	16 14	16 29	19 27	13 7	6 50			
S 8	7 5	20 5	2 49	5 13	2 21	17 13	7 40	12 46	1 57	22 16	0 26	7 0	2 14	23 8	0 24	11 0	1 40	21 45	10 58	16 14	16 30	19 27	13 6	6 51			
M 9	7 27	19 17	1 42	4 43	2 24	16 56	7 36	12 42	1 56	22 16	0 26	7 3	2 14	23 8	0 24	11 0	1 40	21 45	10 58	16 14	16 31	19 26	13 5	6 51			
T 10	7 49	17 17	0 28	4 12	2 27	16 37	7 30	12 38	1 54	22 15	0 26	7 6	2 14	23 8	0 24	11 1	1 40	21 45	10 57	16 14	16 32	19 26	13 4	6 52			
W11	8 11	14 13	0n47	3 40	2 29	16 18	7 24	12 34	1 53	22 14	0 26	7 8	2 14	23 8	0 24	11 2	1 40	21 45	10 57	16 14	16 33	19 25	13 3	6 52			
T 12	8 34	10 20	1 59	3 7	2 31	15 57	7 17	12 30	1 51	22 13	0 26	7 11	2 14	23 8	0 24	11 3	1 40	21 45	10 57	16 15	16 34	19 25	13 2	6 53			
F 13	8 55	5 53	3 3	2 32	2 32	15 36	7 9	12 25	1 50	22 13	0 26	7 14	2 14	23 8	0 24	11 3	1 40	21 45	10 57	16 16	16 35	19 25	13 1	6 53			
S 14	9 17	1 10	3 56	1 57	2 33	15 13	7 1	12 21	1 48	22 12	0 26	7 17	2 14	23 7	0 24	11 4	1 40	21 46	10 57	16 18	16 36	19 24	13 0	6 54			
S 15	9 39	3s32	4 34	1 20	2 33	14 51	6 51	12 16	1 46	22 11	0 26	7 20	2 14	23 7	0 24	11 5	1 40	21 46	10 56	16 21	16 37	19 24	12 59	6 54			
M16	10 0	7 59	4 56	0 43	2 32	14 27	6 41	12 11	1 45	22 10	0 26	7 22	2 14	23 7	0 24	11 6	1 40	21 46	10 56	16 25	16 38	19 24	12 58	6 55			
T 17	10 21	11 58	5 2	0 4	2 32	14 3	6 30	12 6	1 43	22 9	0 26	7 25	2 14	23 7	0 24	11 6	1 40	21 46	10 56	16 28	16 39	19 23	12 57	6 55			
W18	10 42	15 17	4 52	0n36	2 30	13 39	6 19	12 1	1 41	22 9	0 26	7 28	2 14	23 7	0 24	11 7	1 40	21 46	10 56	16 31	16 39	19 23	12 56	6 56			
T 19	11 3	17 48	4 27	1 16	2 28	13 15	6 7	11 56	1 39	22 8	0 26	7 31	2 14	23 7	0 24	11 8	1 40	21 46	10 56	16 34	16 40	19 22	12 56	6 56			
F 20	11 24	19 27	3 51	1 58	2 26	12 51	5 55	11 51	1 37	22 7	0 26	7 33	2 14	23 6	0 24	11 9	1 40	21 46	10 55	16 36	16 41	19 22	12 55	6 57			
S 21	11 45	20 11	3 5	2 40	2 23	12 27	5 42	11 46	1 35	22 6	0 26	7 36	2 14	23 6	0 24	11 9	1 40	21 46	10 55	16 38	16 42	19 22	12 54	6 58			
S 22	12 5	19 59	2 11	3 24	2 19	12 4	5 28	11 40	1 33	22 5	0 26	7 39	2 14	23 6	0 24	11 10	1 40	21 46	10 55	16 38	16 43	19 21	12 53	6 58			
M23	12 25	18 55	1 12	4 8	2 16	11 41	5 15	11 35	1 31	22 4	0 26	7 41	2 15	23 6	0 24	11 11	1 40	21 46	10 55	16 39	16 44	19 21	12 52	6 59			
T 24	12 45	17 1	0 10	4 53	2 11	11 18	5 1	11 29	1 29	22 3	0 26	7 44	2 15	23 6	0 24	11 12	1 40	21 46	10 55	16 39	16 45	19 20	12 51	6 59			
W25	13 5	14 22	0s53	5 38	2 6	10 56	4 47	11 24	1 26	22 2	0 26	7 47	2 15	23 6	0 24	11 13	1 40	21 46	10 54	16 39	16 46	19 20	12 51	7 0			
T 26	13 24	11 4	1 55	6 25	2 1	10 35	4 33	11 18	1 24	22 1	0 26	7 50	2 15	23 5	0 24	11 13	1 40	21 46	10 54	16 39	16 47	19 19	12 50	7 0			
F 27	13 44	7 13	2 52	7 12	1 55	10 15	4 18	11 13	1 22	21 59	0 26	7 52	2 15	23 5	0 24	11 14	1 40	21 46	10 54	16 40	16 48	19 19	12 49	7 1			
S 28	14 3	2 58	3 42	7 59	1 48	9 55	4 4	11 7	1 19	21 58	0 26	7 55	2 15	23 5	0 24	11 15	1 40	21 46	10 54	16 42	16 49	19 19	12 48	7 1			
S 29	14 22	1n32	4 23	8 47	1 41	9 37	3 50	11 2	1 17	21 57	0 26	7 58	2 15	23 5	0 24	11 16	1 40	21 46	10 53	16 45	16 49	19 18	12 48	7 2			
M30	14n40	6n 5	4s49	9n36	1s34	9n19	3n36	10s56	1n14	21n56	0n26	8n 0	2s15	23n 5	0n24	11n16	1s40	21n46	10n53	16n48	16n50	19s18	12s47	7n 3			

ASTRODIENST EPHEMERIS for the year 2204

geocentric

MAY 2204

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 35 19	10♈34'15	11♈19	0♈51	15°R 8	1°R29	22♈52	26♈19	14♈1	4♈3	29°R36	13°R 8	13♈8	27♈21	2♈11	T 1
W 2	14 39 15	11°32'37	25°21	2°51	15°Y 2	1♈7	23° 0	26°26	14° 3	4° 5	29♈36	12♈56	13° 5	27°28	2°12	W 2
T 3	14 43 12	12°30'58	9♈35	4°53	14°58	0°45	23° 8	26°34	14° 5	4° 8	29°36	12°45	13° 2	27°35	2°12	T 3
F 4	14 47 8	13°29'16	23°55	6°56	14°D56	0°24	23°16	26°41	14° 7	4°10	29°35	12°37	12°59	27°41	2°13	F 4
S 5	14 51 5	14°27'32	8♈16	9° 0	14°57	0° 2	23°24	26°48	14° 9	4°12	29°35	12°31	12°55	27°48	2°13	S 5
S 6	14 55 2	15°25'47	22°35	11° 6	15° 0	29♈42	23°32	26°56	14°12	4°14	29°35	12°29	12°52	27°55	2°13	S 6
M 7	14 58 58	16°23'59	6♈47	13°13	15° 5	29°21	23°41	27° 3	14°14	4°17	29°35	12°28	12°49	28° 1	2°13	M 7
T 8	15 2 55	17°22'09	20°52	15°21	15°13	29° 1	23°49	27°10	14°16	4°19	29°35	12°28	12°46	28° 8	2°13	T 8
W 9	15 6 51	18°20'18	4♈49	17°30	15°22	28°42	23°58	27°18	14°19	4°21	29°35	12°27	12°43	28°15	2°R13	W 9
T 10	15 10 48	19°18'24	18°38	19°40	15°34	28°23	24° 7	27°25	14°21	4°23	29°35	12°25	12°40	28°21	2°13	T 10
F 11	15 14 44	20°16'28	2♈18	21°50	15°48	28° 4	24°16	27°32	14°23	4°25	29°D35	12°20	12°36	28°28	2°13	F 11
S 12	15 18 41	21°14'31	15°49	24° 0	16° 4	27°46	24°25	27°39	14°26	4°28	29°35	12°12	12°33	28°35	2°13	S 12
S 13	15 22 37	22°12'31	29° 9	26°11	16°22	27°29	24°34	27°46	14°28	4°30	29°35	12° 2	12°30	28°41	2°13	S 13
M14	15 26 34	23°10'30	12♈16	28°21	16°41	27°12	24°43	27°54	14°31	4°32	29°35	11°50	12°27	28°48	2°12	M14
T 15	15 30 31	24° 8'27	25°11	0♈30	17° 3	26°56	24°52	28° 1	14°34	4°34	29°35	11°37	12°24	28°54	2°12	T 15
W16	15 34 27	25° 6'23	7♈51	2°39	17°26	26°41	25° 2	28° 8	14°36	4°36	29°35	11°25	12°21	29° 1	2°11	W16
T 17	15 38 24	26° 4'18	20°16	4°46	17°51	26°27	25°11	28°15	14°39	4°38	29°35	11°15	12°17	29° 8	2°11	T 17
F 18	15 42 20	27° 2'11	2♈28	6°52	18°17	26°13	25°21	28°22	14°41	4°41	29°35	11° 7	12°14	29°14	2°10	F 18
S 19	15 46 17	28° 0'03	14°28	8°56	18°45	26° 0	25°31	28°29	14°44	4°43	29°35	11° 1	12°11	29°21	2° 9	S 19
S 20	15 50 13	28°57'53	26°20	10°59	19°15	25°47	25°40	28°36	14°47	4°45	29°36	10°58	12° 8	29°28	2° 9	S 20
M21	15 54 10	29°55'42	8♈9	12°59	19°46	25°36	25°50	28°43	14°50	4°47	29°36	10°D57	12° 5	29°34	2° 8	M21
T 22	15 58 7	0♈53'30	19°57	14°57	20°19	25°25	26° 0	28°49	14°53	4°49	29°36	10°57	12° 1	29°41	2° 7	T 22
W23	16 2 3	1°51'17	1♈52	16°52	20°53	25°15	26°10	28°56	14°55	4°51	29°37	10°R58	11°58	29°48	2° 6	W23
T 24	16 6 0	2°49'03	13°58	18°45	21°28	25° 5	26°21	29° 3	14°58	4°53	29°37	10°57	11°55	29°54	2° 4	T 24
F 25	16 9 56	3°46'47	26°21	20°35	22° 4	24°57	26°31	29°10	15° 1	4°55	29°37	10°55	11°52	0♈1	2° 3	F 25
S 26	16 13 53	4°44'31	9♈5	22°22	22°42	24°49	26°41	29°16	15° 4	4°57	29°38	10°50	11°49	0° 8	2° 2	S 26
S 27	16 17 49	5°42'13	22°13	24° 6	23°21	24°42	26°52	29°23	15° 7	4°59	29°38	10°43	11°46	0°14	2° 1	S 27
M28	16 21 46	6°39'55	5♈48	25°47	24° 0	24°36	27° 2	29°30	15°10	5° 1	29°39	10°35	11°42	0°21	1°59	M28
T 29	16 25 42	7°37'35	19°47	27°25	24°41	24°31	27°13	29°36	15°13	5° 3	29°39	10°25	11°39	0°28	1°58	T 29
W30	16 29 39	8°35'14	4♈8	29° 0	25°23	24°26	27°24	29°43	15°16	5° 5	29°40	10°15	11°36	0°34	1°56	W30
T 31	16 33 35	9♈32'53	18♈44	0♈32	26°Y 6	24♈23	27♈35	29°Y49	15♈19	5♈7	29°Ω40	10♈6	11♈33	0♈41	1♈55	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	14n59	10n27	5 s 0	10n25	1s26	9n 3	3n21	10s51	1n12	21n55	0n26	8n 3	2s15	23n 4	0n24	11n17
W 2	15 17	14 19	4 54	11 14	1 18	8 48	3 7	10 46	1 10	21 53	0 26	8 5	2 15	23 4	0 24	11 18
T 3	15 35	17 26	4 29	12 3	1 9	8 33	2 54	10 41	1 7	21 52	0 26	8 8	2 15	23 4	0 24	11 19
F 4	15 52	19 30	3 47	12 52	1 0	8 20	2 40	10 35	1 4	21 51	0 27	8 11	2 15	23 4	0 24	11 19
S 5	16 9	20 19	2 50	13 41	0 51	8 8	2 27	10 30	1 2	21 49	0 27	8 13	2 15	23 3	0 24	11 20
S 6	16 27	19 50	1 43	14 29	0 41	7 57	2 13	10 25	0 59	21 48	0 27	8 16	2 15	23 3	0 24	11 21
M 7	16 43	18 4	0 30	15 18	0 31	7 47	2 1	10 21	0 57	21 47	0 27	8 18	2 15	23 3	0 24	11 22
T 8	17 0	15 13	0n44	16 5	0 21	7 39	1 48	10 16	0 54	21 45	0 27	8 21	2 15	23 3	0 24	11 22
W 9	17 16	11 31	1 55	16 52	0 10	7 31	1 36	10 12	0 51	21 44	0 27	8 23	2 15	23 2	0 24	11 23
T 10	17 32	7 14	2 59	17 38	0n 0	7 24	1 23	10 7	0 49	21 42	0 27	8 26	2 15	23 2	0 24	11 24
F 11	17 48	2 38	3 51	18 22	0 11	7 19	1 12	10 3	0 46	21 41	0 27	8 28	2 15	23 2	0 24	11 24
S 12	18 3	2s 3	4 30	19 6	0 21	7 14	1 0	9 59	0 44	21 39	0 27	8 31	2 16	23 2	0 24	11 25
S 13	18 18	6 35	4 53	19 47	0 32	7 11	0 49	9 56	0 41	21 37	0 27	8 33	2 16	23 1	0 24	11 26
M14	18 33	10 43	5 1	20 27	0 42	7 8	0 38	9 52	0 38	21 36	0 27	8 36	2 16	23 1	0 24	11 27
T 15	18 47	14 18	4 53	21 5	0 52	7 7	0 28	9 49	0 36	21 34	0 27	8 38	2 16	23 1	0 24	11 27
W16	19 1	17 9	4 30	21 40	1 2	7 6	0 17	9 46	0 33	21 32	0 27	8 41	2 16	23 0	0 24	11 28
T 17	19 15	19 9	3 55	22 14	1 11	7 6	0 7	9 43	0 31	21 31	0 27	8 43	2 16	23 0	0 24	11 29
F 18	19 28	20 14	3 9	22 45	1 20	7 8	0s 2	9 40	0 28	21 29	0 27	8 46	2 16	23 0	0 24	11 29
S 19	19 41	20 22	2 16	23 13	1 28	7 10	0 12	9 38	0 25	21 27	0 27	8 48	2 16	22 59	0 24	11 30
S 20	19 54	19 36	1 17	23 39	1 36	7 13	0 21	9 36	0 23	21 26	0 27	8 50	2 16	22 59	0 24	11 31
M21	20 7	17 58	0 15	24 2	1 43	7 16	0 29	9 34	0 20	21 24	0 27	8 53	2 16	22 59	0 24	11 31
T 22	20 19	15 34	0s48	24 23	1 50	7 21	0 38	9 32	0 18	21 22	0 27	8 55	2 17	22 59	0 24	11 32
W23	20 30	12 30	1 49	24 41	1 56	7 26	0 46	9 31	0 15	21 20	0 27	8 57	2 17	22 58	0 24	11 33
T 24	20 42	8 52	2 47	24 56	2 1	7 32	0 54	9 30	0 13	21 18	0 27	8 59	2 17	22 58	0 24	11 33
F 25	20 53	4 46	3 37	25 9	2 5	7 38	1 1	9 29	0 10	21 16	0 27	9 2	2 17	22 58	0 24	11 34
S 26	21 4	0 22	4 19	25 20	2 8	7 46	1 8	9 29	0 8	21 14	0 27	9 4	2 17	22 57	0 24	11 35
S 27	21 14	4n11	4 49	25 28	2 11	7 53	1 15	9 28	0 6	21 12	0 27	9 6	2 17	22 57	0 24	11 35
M28	21 24	8 40	5 3	25 34	2 13	8 2	1 22	9 28	0 3	21 10	0 27	9 8	2 17	22 57	0 24	11 36
T 29	21 33	12 51	5 0	25 37	2 14	8 11	1 29	9 28	0 1	21 8	0 27	9 10	2 17	22 56	0 24	11 37
W30	21 43	16 23	4 38	25 39	2 14	8 20	1 35	9 29	0s 1	21 6	0 27	9 13	2 18	22 56	0 24	11 37
T 31	21n51	18n58	3s58	25n38	2n14	8n30	1s41	9s30	0s 4	21n 4	0n27	9n15	2s18	22n55	0n24	11n38

Julian Day Number = 2526174.5, Delta T = 167.29 sec

Ecliptic obliquity = 23°24'40, Nutation = - 0°00'14, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 27°35'45, Lahiri = 26°42'45

ASTRODIENST EPHEMERIS for the year 2204

geocentric

JUNE 2204

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 37 32	10 ^{II} 30'30	3 [☾] 28	2 [☾] 1	26 [♂] 50	24 [♂] R20	27 [☾] 46	29 [♂] 56	15 [☾] 22	5 [♂] 9	29 [♂] 41	10 [♂] R 0	11 [♂] 30	0 [☾] 47	1 [♂] R53	F 1
S 2	16 41 29	11°28'05	18°14	3°26	27°35	24 [♂] 18	27°57	0 [♂] 2	15°26	5°11	29°41	9 [♂] 56	11°27	0°54	1 [♂] 51	S 2
S 3	16 45 25	12°25'40	2 [♂] 53	4°49	28°20	24°17	28° 8	0° 8	15°29	5°13	29°42	9°54	11°23	1° 1	1°50	S 3
M 4	16 49 22	13°23'13	17°20	6° 8	29° 7	24°D17	28°19	0°15	15°32	5°15	29°43	9°D54	11°20	1° 7	1°48	M 4
T 5	16 53 18	14°20'44	1 [♂] 34	7°23	29°54	24°17	28°30	0°21	15°35	5°17	29°43	9°55	11°17	1°14	1°46	T 5
W 6	16 57 15	15°18'15	15°32	8°36	0 [♂] 42	24°18	28°41	0°27	15°38	5°18	29°44	9°R55	11°14	1°21	1°44	W 6
T 7	17 1 11	16°15'44	29°14	9°45	1°30	24°20	28°53	0°33	15°42	5°20	29°45	9°54	11°11	1°27	1°42	T 7
F 8	17 5 8	17°13'11	12 [♂] 41	10°50	2°20	24°23	29° 4	0°39	15°45	5°22	29°46	9°52	11° 7	1°34	1°40	F 8
S 9	17 9 5	18°10'38	25°54	11°52	3°10	24°26	29°16	0°45	15°48	5°24	29°46	9°47	11° 4	1°41	1°37	S 9
S 10	17 13 1	19° 8'03	8 [♂] 54	12°50	4° 1	24°31	29°27	0°51	15°52	5°26	29°47	9°40	11° 1	1°47	1°35	S 10
M11	17 16 58	20° 5'27	21°41	13°45	4°52	24°36	29°39	0°57	15°55	5°27	29°48	9°32	10°58	1°54	1°33	M11
T 12	17 20 54	21° 2'51	4 [♂] 16	14°35	5°44	24°41	29°50	1° 3	15°58	5°29	29°49	9°23	10°55	2° 1	1°30	T 12
W13	17 24 51	22° 0'13	16°39	15°22	6°36	24°48	0 [♂] 2	1° 8	16° 2	5°31	29°50	9°15	10°52	2° 7	1°28	W13
T 14	17 28 47	22°57'35	28°51	16° 5	7°30	24°55	0°14	1°14	16° 5	5°32	29°51	9° 8	10°48	2°14	1°26	T 14
F 15	17 32 44	23°54'56	10 [♂] 54	16°44	8°23	25° 3	0°26	1°20	16° 8	5°34	29°52	9° 2	10°45	2°21	1°23	F 15
S 16	17 36 40	24°52'16	22°49	17°18	9°18	25°11	0°38	1°25	16°12	5°36	29°53	8°59	10°42	2°27	1°20	S 16
S 17	17 40 37	25°49'36	4 [☾] 38	17°49	10°12	25°21	0°50	1°31	16°15	5°37	29°54	8°D57	10°39	2°34	1°18	S 17
M18	17 44 34	26°46'55	16°25	18°15	11° 8	25°30	1° 2	1°36	16°19	5°39	29°55	8°58	10°36	2°40	1°15	M18
T 19	17 48 30	27°44'14	28°14	18°36	12° 3	25°41	1°14	1°41	16°22	5°41	29°56	8°59	10°32	2°47	1°12	T 19
W20	17 52 27	28°41'32	10 [♂] 9	18°54	13° 0	25°52	1°26	1°47	16°26	5°42	29°57	9° 0	10°29	2°54	1°10	W20
T 21	17 56 23	29°38'50	22°14	19° 6	13°56	26° 4	1°38	1°52	16°29	5°44	29°58	9° 1	10°26	3° 0	1° 7	T 21
F 22	18 0 20	0 [♂] 36'07	4 [♂] 36	19°14	14°54	26°16	1°50	1°57	16°33	5°45	29°59	9°R 2	10°23	3° 7	1° 4	F 22
S 23	18 4 16	1°33'25	17°19	19°R18	15°51	26°29	2° 3	2° 2	16°36	5°47	0 [♂] 0	9° 0	10°20	3°14	1° 1	S 23
S 24	18 8 13	2°30'42	0 [♂] 25	19°17	16°49	26°43	2°15	2° 7	16°40	5°48	0° 1	8°58	10°17	3°20	0°58	S 24
M25	18 12 9	3°27'59	13°59	19°11	17°47	26°57	2°27	2°12	16°43	5°49	0° 3	8°54	10°13	3°27	0°55	M25
T 26	18 16 6	4°25'16	28° 1	19° 2	18°46	27°12	2°40	2°17	16°47	5°51	0° 4	8°49	10°10	3°34	0°52	T 26
W27	18 20 3	5°22'32	12 [♂] 28	18°48	19°45	27°27	2°52	2°22	16°51	5°52	0° 5	8°44	10° 7	3°40	0°49	W27
T 28	18 23 59	6°19'49	27°15	18°29	20°45	27°43	3° 5	2°26	16°54	5°53	0° 6	8°39	10° 4	3°47	0°46	T 28
F 29	18 27 56	7°17'05	12 [♂] 14	18° 8	21°44	27°59	3°17	2°31	16°58	5°55	0° 8	8°36	10° 1	3°54	0°43	F 29
S 30	18 31 52	8°04'21	27 [☾] 18	17 [☾] 42	22 [♂] 44	28 [♂] 16	3 [♂] 30	2 [♂] 36	17 [☾] 1	5 [♂] 56	0 [♂] 9	8 [♂] 34	9 [♂] 58	4 [♂] 0	0 [♂] 39	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
F 1	22n 0	20n20	3s 2	25n36	2n12	8n41	1s46	9s31	0s 6	21n 2	0n27	9n17	2s18	22n55	0n24	11n38	1s41	21n37	10n45	17n43	17n19	19s 1	12s34	7n20			
S 2	22 8	20 18	1 53	25 32	2 10	8 52	1 52	9 32	0 8	21 0	0 27	9 19	2 18	22 55	0 24	11 39	1 41	21 36	10 45	17 44	17 20	19 1	12 34	7 20			
S 3	22 15	18 53	0 38	25 26	2 7	9 3	1 57	9 34	0 10	20 58	0 27	9 21	2 18	22 54	0 24	11 40	1 41	21 36	10 45	17 45	17 21	19 0	12 34	7 21			
M 4	22 23	16 15	0n40	25 19	2 3	9 15	2 2	9 35	0 12	20 55	0 27	9 23	2 18	22 54	0 24	11 40	1 41	21 36	10 45	17 45	17 21	19 0	12 34	7 21			
T 5	22 30	12 41	1 54	25 11	1 58	9 27	2 6	9 38	0 14	20 53	0 28	9 25	2 18	22 54	0 24	11 41	1 41	21 35	10 45	17 45	17 22	18 59	12 34	7 21			
W 6	22 36	8 27	2 59	25 1	1 53	9 39	2 11	9 40	0 16	20 51	0 28	9 27	2 19	22 53	0 24	11 41	1 41	21 35	10 44	17 44	17 23	18 58	12 34	7 22			
T 7	22 42	3 52	3 53	24 50	1 47	9 52	2 15	9 43	0 18	20 49	0 28	9 29	2 19	22 53	0 24	11 42	1 41	21 34	10 44	17 45	17 24	18 58	12 34	7 22			
F 8	22 48	0s48	4 33	24 37	1 40	10 5	2 19	9 45	0 20	20 46	0 28	9 31	2 19	22 53	0 24	11 43	1 41	21 34	10 44	17 45	17 25	18 57	12 34	7 23			
S 9	22 53	5 22	4 58	24 24	1 32	10 19	2 23	9 49	0 22	20 44	0 28	9 33	2 19	22 52	0 24	11 43	1 41	21 33	10 44	17 47	17 26	18 57	12 34	7 23			
S 10	22 58	9 36	5 7	24 10	1 23	10 32	2 27	9 52	0 24	20 42	0 28	9 35	2 19	22 52	0 24	11 44	1 41	21 33	10 43	17 49	17 27	18 56	12 34	7 24			
M11	23 2	13 20	5 0	23 55	1 14	10 46	2 30	9 55	0 26	20 39	0 28	9 37	2 19	22 51	0 24	11 44	1 41	21 32	10 43	17 51	17 28	18 55	12 34	7 24			
T 12	23 7	16 24	4 39	23 40	1 3	11 0	2 33	9 59	0 28	20 37	0 28	9 38	2 20	22 51	0 24	11 45	1 41	21 32	10 43	17 53	17 28	18 55	12 34	7 24			
W13	23 10	18 41	4 5	23 24	0 53	11 15	2 36	10 3	0 30	20 34	0 28	9 40	2 20	22 51	0 24	11 45	1 41	21 31	10 43	17 55	17 29	18 54	12 34	7 25			
T 14	23 13	20 5	3 20	23 7	0 41	11 29	2 39	10 8	0 32	20 32	0 28	9 42	2 20	22 50	0 24	11 46	1 41	21 30	10 43	17 57	17 30	18 53	12 34	7 25			
F 15	23 16	20 32	2 26	22 50	0 29	11 44	2 42	10 12	0 33	20 29	0 28	9 44	2 20	22 50	0 24	11 46	1 41	21 30	10 42	17 59	17 31	18 53	12 35	7 26			
S 16	23 19	20 4	1 26	22 33	0 16	11 59	2 44	10 17	0 35	20 27	0 28	9 46	2 20	22 49	0 24	11 47	1 41	21 29	10 42	17 59	17 32	18 52	12 35	7 26			
S 17	23 21	18 42	0 23	22 16	0 2	12 14	2 46	10 22	0 37	20 24	0 28	9 47	2 20	22 49	0 24	11 47	1 41	21 29	10 42	18 0	17 33	18 51	12 35	7 26			
M18	23 22	16 32	0s41	21 58	0s12	12 29	2 48	10 27	0 39	20 22	0 28	9 49	2 21	22 48	0 24	11 48	1 41	21 28	10 42	18 0	17 34	18 51	12 35	7 27			
T 19	23 23	13 41	1 43	21 41	0 27	12 44	2 50	10 32	0 40	20 19	0 28	9 51	2 21	22 48	0 24	11 48	1 41	21 28	10 41	17 59	17 34	18 50	12 35	7 27			
W20	23 24	10 15	2 42	21 23	0 42	12 59	2 52	10 38	0 42	20 16	0 28	9 52	2 21	22 48	0 24	11 49	1 41	21 27	10 41	17 59	17 35	18 49	12 36	7 27			
T 21	23 25	6 21	3 34	21 6	0 58	13 15	2 53	10 44	0 43	20 14	0 28	9 54	2 21	22 47	0 24	11 49	1 42	21 27	10 41	17 59	17 36	18 49	12 36	7 28			
F 22	23 25	2 7	4 18	20 49	1 14	13 30	2 55	10 50	0 45	20 11	0 28	9 55	2 21	22 47	0 24	11 50	1 42	21 26	10 41	17 59	17 37	18 48	12 36	7 28			
S 23	23 24	2n19	4 50	20 32	1 30	13 45	2 56	10 56	0 47	20 8	0 28	9 57	2 22	22 46	0 24	11 50	1 42	21 25	10 41	17 59	17 38	18 47	12 36	7 28			
S 24	23 23	6 47	5 9	20 16	1 46	14 1	2 57	11 2	0 48	20 6	0 28	9 59	2 22	22 46	0 24	11 50	1 42	21 25	10 41	18 0	17 39	18 47	12 37	7 29			
M25	23 22	11 4	5 11	20 1	2 3	14 16	2 58	11 9	0 50	20 3	0 28	10 0	2 22	22 45	0 24	11 51	1 42	21 24	10 40	18 1	17 40	18 46	12 37	7 29			
T 26	23 20	14 54	4 55	19 46	2 19	14 31	2 59	11 15	0 51	20 0	0 28	10 1	2 22	22 45	0 24	11 51	1 42	21 24	10 40	18 2	17 40	18 45	12 37	7 29			
W27	23 18	17 58	4 20	19 32	2 36	14 47	2 59	11 22	0 52	19 57	0 28	10 3	2 22	22 45	0 24	11 52	1 42	21 23	10 40	18 3	17 41	18 45	12 38	7 30			
T 28	23 16	19 56	3 27	19 18	2 52	15 2	3 0	11 29	0 54	19 55	0 29	10 4	2 23	22 44	0 24	11 52	1 42	21 22	10 40	18 5	17 42	18 44	12 38	7 30			
F 29	23 13	20 32	2 19	19 6	3 7	15 17	3 0	11 36	0 55	19 52	0 29	10 6	2 23	22 44	0 24	11 52	1 42	21 22	10 40	18 5	17 43	18 43	12 39	7 30			
S 30	23n 9	19n40	1s 1	18n54	3s22	15n32	3s 0	11s44	0s56	19n49	0n29	10n 7	2s23	22n43	0n24	11n53	1s42	21n21	10n39	18n 6	17n44	18s43	12s39	7n30			

Julian Day Number = 2526205.5, Delta T = 167.38 sec

Ecliptic obliquity = 23°24'39, Nutation = - 0°00'14, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 27°35'49, Lahiri = 26°42'49

ASTRODIENST EPHEMERIS for the year 2204

geocentric

JULY 2204

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 49	9°51'13"	12°18'18"	17°R14	23°8'45"	28°5'34"	3°12'43"	2°8'40"	17°5'5	5°8'57"	0°11'10"	8°D34	9°12'54"	4°5'7"	0°R36	S 1
M 2	18 39 45	10° 8'51"	27° 4'	16°5'43"	24°46"	28°52"	3°55"	2°45"	17° 9'	5°59"	0°12"	8°12'35"	9°51"	4°14"	0°5'33"	M 2
T 3	18 43 42	11° 6'06"	11°11'33"	16° 9'	25°47"	29°10"	4° 8'	2°49"	17°12"	6° 0'	0°13"	8°36"	9°48"	4°20"	0°30"	T 3
W 4	18 47 38	12° 3'20"	25°41"	15°34"	26°48"	29°29"	4°21"	2°53"	17°16"	6° 1'	0°14"	8°38"	9°45"	4°27"	0°26"	W 4
T 5	18 51 35	13° 0'33"	9°12'27"	14°59"	27°49"	29°49"	4°34"	2°57"	17°19"	6° 2'	0°16"	8°R38"	9°42"	4°33"	0°23"	T 5
F 6	18 55 32	13°57'46"	22°52"	14°22"	28°51"	0°11'9"	4°46"	3° 1'	17°23"	6° 3'	0°17"	8°38"	9°38"	4°40"	0°20"	F 6
S 7	18 59 28	14°54'59"	5°11'57"	13°46"	29°53"	0°29"	4°59"	3° 5'	17°27"	6° 4'	0°19"	8°37"	9°35"	4°47"	0°16"	S 7
S 8	19 3 25	15°52'12"	18°44"	13°10"	0°11'56"	0°50"	5°12"	3° 9'	17°30"	6° 5'	0°20"	8°34"	9°32"	4°53"	0°13"	S 8
M 9	19 7 21	16°49'24"	1°11'16"	12°36"	1°58"	1°12"	5°25"	3°13"	17°34"	6° 6'	0°22"	8°31"	9°29"	5° 0'	0° 9'	M 9
T 10	19 11 18	17°46'36"	13°36"	12° 4'	3° 1'	1°34"	5°38"	3°17"	17°38"	6° 7'	0°23"	8°28"	9°26"	5° 7'	0° 6'	T 10
W 11	19 15 14	18°43'48"	25°45"	11°34"	4° 4'	1°56"	5°51"	3°20"	17°41"	6° 8'	0°25"	8°25"	9°23"	5°13"	0° 2'	W 11
T 12	19 19 11	19°41'00"	7°3'45"	11° 8'	5° 8'	2°18"	6° 4'	3°24"	17°45"	6° 9'	0°26"	8°23"	9°19"	5°20"	29°5'59"	T 12
F 13	19 23 7	20°38'12"	19°40"	10°45"	6°11"	2°42"	6°17"	3°27"	17°48"	6°10"	0°28"	8°21"	9°16"	5°27"	29°55"	F 13
S 14	19 27 4	21°35'24"	1°18'29"	10°26"	7°15"	3° 5'	6°30"	3°31"	17°52"	6°11"	0°29"	8°20"	9°13"	5°33"	29°52"	S 14
S 15	19 31 1	22°32'37"	13°17"	10°12"	8°19"	3°29"	6°43"	3°34"	17°56"	6°12"	0°31"	8°D20"	9°10"	5°40"	29°48"	S 15
M 16	19 34 57	23°29'49"	25° 5'	10° 2'	9°23"	3°53"	6°56"	3°37"	17°59"	6°13"	0°33"	8°20"	9° 7'	5°47"	29°45"	M 16
T 17	19 38 54	24°27'02"	6°11'56"	9°D57"	10°28"	4°18"	7° 9'	3°40"	18° 3'	6°13"	0°34"	8°21"	9° 4'	5°53"	29°41"	T 17
W 18	19 42 50	25°24'16"	18°54"	9°57"	11°32"	4°43"	7°22"	3°43"	18° 7'	6°14"	0°36"	8°23"	9° 0'	6° 0'	29°37"	W 18
T 19	19 46 47	26°21'30"	1°11'2	10° 3'	12°37"	5° 8'	7°36"	3°46"	18°10"	6°15"	0°38"	8°24"	8°57"	6° 6'	29°34"	T 19
F 20	19 50 43	27°18'44"	13°24"	10°14"	13°42"	5°34"	7°49"	3°49"	18°14"	6°15"	0°39"	8°25"	8°54"	6°13"	29°30"	F 20
S 21	19 54 40	28°15'59"	26° 5'	10°31"	14°48"	6° 0'	8° 2'	3°52"	18°17"	6°16"	0°41"	8°R25"	8°51"	6°20"	29°27"	S 21
S 22	19 58 36	29°13'15"	9°8'8"	10°53"	15°53"	6°27"	8°15"	3°54"	18°21"	6°17"	0°43"	8°25"	8°48"	6°26"	29°23"	S 22
M 23	20 2 33	0°10'132"	22°36"	11°21"	16°59"	6°54"	8°28"	3°57"	18°25"	6°17"	0°44"	8°24"	8°44"	6°33"	29°20"	M 23
T 24	20 6 30	1° 7'49"	6°11'30"	11°54"	18° 4'	7°21"	8°42"	3°59"	18°28"	6°18"	0°46"	8°23"	8°41"	6°40"	29°16"	T 24
W 25	20 10 26	2° 5'08"	20°51"	12°33"	19°10"	7°48"	8°55"	4° 2'	18°32"	6°18"	0°48"	8°23"	8°38"	6°46"	29°12"	W 25
T 26	20 14 23	3° 2'26"	5°5'34"	13°17"	20°17"	8°16"	9° 8'	4° 4'	18°35"	6°19"	0°50"	8°22"	8°35"	6°53"	29° 9'	T 26
F 27	20 18 19	3°59'46"	20°35"	14° 7'	21°23"	8°44"	9°21"	4° 6'	18°39"	6°19"	0°51"	8°22"	8°32"	7° 0'	29° 5'	F 27
S 28	20 22 16	4°57'06"	5°12'45"	15° 2'	22°29"	9°13"	9°34"	4° 8'	18°42"	6°20"	0°53"	8°D22"	8°29"	7° 6'	29° 2'	S 28
S 29	20 26 12	5°54'27"	20°55"	16° 3'	23°36"	9°42"	9°48"	4°10"	18°46"	6°20"	0°55"	8°22"	8°25"	7°13"	28°58"	S 29
M 30	20 30 9	6°51'49"	5°11'56"	17° 9'	24°43"	10°11"	10° 1'	4°12"	18°49"	6°21"	0°57"	8°22"	8°22"	7°20"	28°55"	M 30
T 31	20 34 5	7°12'49'11"	20°11'40"	18°5'20"	25°11'50"	10°11'40"	10°12'14"	4°13'14"	18°5'53"	6°21"	0°59"	8°12'22"	8°19"	7°22'26"	28°5'51"	T 31

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	23n 6	17n25	0n20	18n43	3s36	15n47	3 s 0	11s51	0s58	19n46	0n29	10n 8	2s23	22n43	0n24	11n53	1s42	21n20	10n39	18n 6	17n45	18s42	12s39	7n31			
M 2	23 1	14 2	1 40	18 34	3 50	16 2	3 0	11 59	0 59	19 43	0 29	10 10	2 24	22 42	0 24	11 53	1 42	21 20	10 39	18 6	17 46	18 41	12 40	7 31			
T 3	22 57	9 52	2 51	18 26	4 2	16 16	3 0	12 6	1 0	19 40	0 29	10 11	2 24	22 42	0 24	11 54	1 42	21 19	10 39	18 5	17 46	18 41	12 40	7 31			
W 4	22 52	5 15	3 51	18 18	4 13	16 31	2 59	12 14	1 2	19 37	0 29	10 12	2 24	22 41	0 24	11 54	1 42	21 18	10 39	18 5	17 47	18 40	12 41	7 31			
T 5	22 47	0 28	4 35	18 12	4 23	16 45	2 59	12 22	1 3	19 34	0 29	10 13	2 24	22 41	0 24	11 54	1 42	21 18	10 39	18 5	17 48	18 39	12 41	7 31			
F 6	22 41	4s11	5 3	18 8	4 32	16 59	2 58	12 31	1 4	19 31	0 29	10 14	2 24	22 41	0 24	11 55	1 42	21 17	10 38	18 5	17 49	18 38	12 42	7 32			
S 7	22 35	8 32	5 14	18 4	4 39	17 13	2 57	12 39	1 5	19 28	0 29	10 16	2 25	22 40	0 24	11 55	1 42	21 16	10 38	18 5	17 50	18 38	12 42	7 32			
S 8	22 28	12 24	5 10	18 2	4 45	17 27	2 56	12 47	1 6	19 25	0 29	10 17	2 25	22 40	0 24	11 55	1 42	21 16	10 38	18 6	17 51	18 37	12 43	7 32			
M 9	22 21	15 39	4 51	18 2	4 49	17 40	2 55	12 56	1 7	19 22	0 29	10 18	2 25	22 39	0 24	11 56	1 42	21 15	10 38	18 7	17 51	18 36	12 44	7 32			
T 10	22 14	18 8	4 18	18 2	4 51	17 53	2 54	13 4	1 8	19 19	0 29	10 19	2 25	22 39	0 24	11 56	1 42	21 14	10 38	18 7	17 52	18 35	12 44	7 32			
W 11	22 6	19 47	3 34	18 4	4 52	18 6	2 53	13 13	1 10	19 16	0 29	10 20	2 26	22 38	0 24	11 56	1 43	21 14	10 38	18 8	17 53	18 35	12 45	7 32			
T 12	21 58	20 30	2 41	18 7	4 51	18 19	2 52	13 22	1 11	19 12	0 29	10 21	2 26	22 38	0 24	11 56	1 43	21 13	10 38	18 9	17 54	18 34	12 45	7 32			
F 13	21 50	20 18	1 41	18 11	4 49	18 31	2 50	13 31	1 12	19 9	0 29	10 22	2 26	22 37	0 24	11 57	1 43	21 12	10 37	18 9	17 55	18 33	12 46	7 33			
S 14	21 41	19 11	0 38	18 16	4 45	18 43	2 49	13 40	1 13	19 6	0 29	10 23	2 26	22 37	0 24	11 57	1 43	21 12	10 37	18 10	17 56	18 32	12 46	7 33			
S 15	21 32	17 15	0s27	18 22	4 40	18 55	2 47	13 49	1 14	19 3	0 30	10 24	2 27	22 36	0 24	11 57	1 43	21 11	10 37	18 10	17 57	18 32	12 47	7 33			
M 16	21 22	14 35	1 32	18 30	4 33	19 6	2 46	13 58	1 15	19 0	0 30	10 24	2 27	22 36	0 24	11 57	1 43	21 10	10 37	18 9	17 57	18 31	12 48	7 33			
T 17	21 12	11 19	2 32	18 38	4 25	19 17	2 44	14 7	1 16	18 56	0 30	10 25	2 27	22 35	0 24	11 58	1 43	21 10	10 37	18 9	17 58	18 30	12 48	7 33			
W 18	21 2	7 33	3 27	18 47	4 16	19 28	2 42	14 17	1 17	18 53	0 30	10 26	2 27	22 35	0 24	11 58	1 43	21 9	10 37	18 9	17 59	18 29	12 49	7 33			
T 19	20 51	3 27	4 13	18 56	4 6	19 38	2 40	14 26	1 17	18 50	0 30	10 27	2 28	22 34	0 24	11 58	1 43	21 8	10 37	18 9	18 0	18 29	12 50	7 33			
F 20	20 40	0n52	4 48	19 6	3 56	19 48	2 38	14 36	1 18	18 47	0 30	10 27	2 28	22 34	0 24	11 58	1 43	21 7	10 37	18 8	18 1	18 28	12 50	7 33			
S 21	20 29	5 14	5 10	19 16	3 44	19 58	2 36	14 45	1 19	18 43	0 30	10 28	2 28	22 33	0 24	11 58	1 43	21 7	10 37	18 8	18 2	18 27	12 51	7 33			
S 22	20 17	9 30	5 18	19 27	3 32	20 7	2 33	14 55	1 20	18 40	0 30	10 29	2 28	22 33	0 24	11 58	1 43	21 6	10 36	18 8	18 2	18 26	12 52	7 33			
M 23	20 5	13 26	5 8	19 38	3 19	20 16	2 31	15 4	1 21	18 36	0 30	10 29	2 29	22 33	0 24	11 59	1 43	21 5	10 36	18 8	18 3	18 25	12 53	7 33			
T 24	19 53	16 46	4 40	19 48	3 5	20 25	2 29	15 14	1 22	18 33	0 30	10 30	2 29	22 32	0 24	11 59	1 43	21 5	10 36	18 9	18 4	18 25	12 53	7 33			
W 25	19 40	19 12	3 55	19 59	2 51	20 33	2 26	15 24	1 23	18 30	0 30	10 30	2 29	22 32	0 24	11 59	1 43	21 4	10 36	18 9	18 5	18 24	12 54	7 33			
T 26	19 27	20 25	2 52	20 9	2 37	20 40	2 24	15 34	1 23	18 26	0 30	10 31	2 29	22 31	0 24	11 59	1 43	21 3	10 36	18 9	18 6	18 23	12 55	7 33			
F 27	19 14	20 14	1 37	20 18	2 22	20 47	2 21	15 44	1 24	18 23	0 30	10 31	2 30	22 31	0 24	11 59	1 43	21 2	10 36	18 9	18 7	18 22	12 55	7 33			
S 28	19 0	18 35	0 14	20 27	2 8	20 54	2 18	15 53	1 25	18 19	0 30	10 32	2 30	22 30	0 24	11 59	1 44	21 2	10 36	18 9	18 7	18 21	12 56	7 33			
S 29	18 46	15 36	1n 9	20 35	1 53	21 0	2 16	16 3	1 26	18 16	0 31	10 32	2 30	22 30	0 24	11 59	1 44	21 1	10 36	18 9	18 8	18 20	12 57	7 33			
M 30	18 32	11 36	2 27	20 42	1 58	21 6	2 13	16 13	1 26	18 12	0 31	10 33	2 30	22 29	0 24	11 59	1 44	21 0	10 36	18 9	18 9	18 20	12 58	7 33			
T 31	18n18	6n59	3n34	20n47	1s23	21n11	2s10	16s23	1s27	18n 9	0n31	10n33	2s31	22n29	0n24	11n59	1s44	21n 0	10n36	18n 9	18n10	18s19	12s59	7n33			

ASTRODIENST EPHEMERIS for the year 2204

geocentric

AUGUST 2204

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 38 2	8♂46'33	5♂1	19♂36	26♂57	11♂10	10♂28	4♂15	18♂56	6♂21	1♂0	8♂R22	8♂16	7♂33	28♂R48	W 1
T 2	20 41 59	9°43'56	18°56	20°57	28° 4	11°40	10°41	4°17	19° 0	6°21	1° 2	8♂22	8°13	7°40	28♂44	T 2
F 3	20 45 55	10°41'19	2♂26	22°22	29°11	12°10	10°54	4°18	19° 3	6°22	1° 4	8°22	8°10	7°46	28°41	F 3
S 4	20 49 52	11°38'43	15°30	23°53	0♂19	12°41	11° 7	4°20	19° 7	6°22	1° 6	8°D22	8° 6	7°53	28°37	S 4
S 5	20 53 48	12°36'07	28°14	25°27	1°26	13°12	11°21	4°21	19°10	6°22	1° 8	8°22	8° 3	7°59	28°34	S 5
M 6	20 57 45	13°33'32	10♂39	27° 6	2°34	13°43	11°34	4°22	19°14	6°22	1°10	8°22	8° 0	8° 6	28°30	M 6
T 7	21 1 141	14°30'58	22°49	28°48	3°42	14°14	11°47	4°23	19°17	6°22	1°12	8°23	7°57	8°13	28°27	T 7
W 8	21 5 38	15°28'24	4♂49	0♂35	4°50	14°46	12° 0	4°24	19°20	6°22	1°13	8°24	7°54	8°19	28°24	W 8
T 9	21 9 34	16°25'51	16°42	2°24	5°58	15°18	12°14	4°25	19°24	6°R22	1°15	8°24	7°50	8°26	28°20	T 9
F 10	21 13 31	17°23'19	28°31	4°16	7° 6	15°50	12°27	4°26	19°27	6°22	1°17	8°25	7°47	8°33	28°17	F 10
S 11	21 17 28	18°20'48	10♂18	6°11	8°15	16°22	12°40	4°26	19°30	6°22	1°19	8°R25	7°44	8°39	28°14	S 11
S 12	21 21 24	19°18'18	22° 7	8° 8	9°23	16°55	12°53	4°27	19°34	6°22	1°21	8°25	7°41	8°46	28°10	S 12
M13	21 25 21	20°15'49	3♂59	10° 7	10°32	17°28	13° 7	4°27	19°37	6°22	1°23	8°24	7°38	8°53	28° 7	M13
T 14	21 29 17	21°13'21	15°57	12° 8	11°41	18° 1	13°20	4°28	19°40	6°22	1°25	8°22	7°35	8°59	28° 4	T 14
W15	21 33 14	22°10'54	28° 3	14° 9	12°50	18°34	13°33	4°28	19°43	6°22	1°27	8°20	7°31	9° 6	28° 1	W15
T 16	21 37 10	23° 8'29	10♂19	16°11	13°59	19° 8	13°46	4°R28	19°46	6°22	1°29	8°18	7°28	9°13	27°58	T 16
F 17	21 41 7	24° 6'04	22°48	18°14	15° 8	19°41	13°59	4°28	19°50	6°21	1°31	8°16	7°25	9°19	27°55	F 17
S 18	21 45 3	25° 3'42	5♂32	20°17	16°17	20°15	14°12	4°28	19°53	6°21	1°33	8°15	7°22	9°26	27°52	S 18
S 19	21 49 0	26° 1'21	18°34	22°20	17°26	20°50	14°25	4°28	19°56	6°21	1°35	8°14	7°19	9°32	27°49	S 19
M20	21 52 57	26°59'01	1♂56	24°22	18°36	21°24	14°39	4°27	19°59	6°21	1°37	8°D14	7°16	9°39	27°46	M20
T 21	21 56 53	27°56'43	15°41	26°24	19°45	21°59	14°52	4°27	20° 2	6°20	1°39	8°14	7°12	9°46	27°43	T 21
W22	22 0 50	28°54'27	29°49	28°25	20°55	22°34	15° 5	4°26	20° 5	6°20	1°40	8°16	7° 9	9°52	27°40	W22
T 23	22 4 46	29°52'12	14♂18	0♂25	22° 5	23° 9	15°18	4°26	20° 8	6°19	1°42	8°17	7° 6	9°59	27°37	T 23
F 24	22 8 43	0♂49'59	29° 6	2°24	23°15	23°44	15°31	4°25	20°11	6°19	1°44	8°18	7° 3	10° 6	27°35	F 24
S 25	22 12 39	1°47'47	14♂7	4°22	24°25	24°19	15°44	4°24	20°14	6°18	1°46	8°R18	7° 0	10°12	27°32	S 25
S 26	22 16 36	2°45'37	29°13	6°19	25°35	24°55	15°57	4°23	20°17	6°18	1°48	8°17	6°56	10°19	27°29	S 26
M27	22 20 32	3°43'28	14♂16	8°15	26°45	25°31	16°10	4°22	20°20	6°17	1°50	8°15	6°53	10°26	27°27	M27
T 28	22 24 29	4°41'20	29° 5	10°10	27°55	26° 7	16°23	4°21	20°23	6°17	1°52	8°11	6°50	10°32	27°24	T 28
W29	22 28 26	5°39'14	13♂34	12° 3	29° 6	26°43	16°36	4°20	20°25	6°16	1°54	8° 7	6°47	10°39	27°22	W29
T 30	22 32 22	6°37'09	27°38	13°55	0♂16	27°20	16°48	4°18	20°28	6°16	1°56	8° 4	6°44	10°46	27°19	T 30
F 31	22 36 19	7♂35'05	11♂14	15♂45	1♂27	27♂56	17♂1	4♂17	20♂31	6♂15	1♂58	8♂0	6♂41	10♂52	27♂17	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	18n 3	2n 5	4n26	20n51	1s 8	21n15	2s 7	16s33	1s28	18n 5	0n31	10n33	2s31	22n28	0n24	11n59
T 2	17 48	2s47	5 0	20 54	0 54	21 20	2 4	16 43	1 28	18 2	0 31	10 34	2 31	22 28	0 24	11 59
F 3	17 32	7 21	5 16	20 54	0 40	21 23	2 1	16 53	1 29	17 58	0 31	10 34	2 31	22 27	0 24	11 59
S 4	17 16	11 26	5 15	20 53	0 26	21 27	1 58	17 3	1 30	17 55	0 31	10 34	2 32	22 27	0 24	11 59
S 5	17 0	14 53	4 59	20 49	0 12	21 29	1 55	17 13	1 30	17 51	0 31	10 34	2 32	22 26	0 24	11 59
M 6	16 44	17 35	4 29	20 43	0n 1	21 31	1 52	17 23	1 31	17 48	0 31	10 34	2 32	22 26	0 24	11 59
T 7	16 27	19 26	3 47	20 35	0 13	21 33	1 49	17 33	1 32	17 44	0 31	10 34	2 32	22 25	0 24	11 59
W 8	16 11	20 23	2 56	20 24	0 25	21 34	1 45	17 43	1 32	17 40	0 31	10 34	2 33	22 25	0 24	11 59
T 9	15 54	20 25	1 58	20 11	0 36	21 34	1 42	17 53	1 33	17 37	0 31	10 34	2 33	22 25	0 24	11 59
F 10	15 36	19 32	0 55	19 55	0 46	21 34	1 39	18 3	1 33	17 33	0 31	10 34	2 33	22 24	0 24	11 59
S 11	15 19	17 48	0s10	19 36	0 56	21 34	1 36	18 13	1 34	17 30	0 32	10 34	2 34	22 24	0 24	11 59
S 12	15 1	15 19	1 15	19 15	1 4	21 33	1 32	18 23	1 34	17 26	0 32	10 34	2 34	22 23	0 24	11 59
M13	14 43	12 10	2 17	18 51	1 12	21 31	1 29	18 33	1 35	17 22	0 32	10 34	2 34	22 23	0 24	11 59
T 14	14 25	8 30	3 13	18 24	1 19	21 29	1 26	18 42	1 36	17 19	0 32	10 34	2 34	22 22	0 24	11 59
W15	14 6	4 28	4 2	17 56	1 26	21 26	1 22	18 52	1 36	17 15	0 32	10 34	2 35	22 22	0 24	11 59
T 16	13 47	0 12	4 39	17 25	1 31	21 22	1 19	19 2	1 37	17 11	0 32	10 34	2 35	22 21	0 24	11 59
F 17	13 28	4n 8	5 5	16 51	1 35	21 18	1 15	19 12	1 37	17 7	0 32	10 33	2 35	22 21	0 24	11 58
S 18	13 9	8 23	5 16	16 16	1 39	21 14	1 12	19 21	1 37	17 4	0 32	10 33	2 35	22 21	0 24	11 58
S 19	12 50	12 20	5 11	15 39	1 42	21 9	1 8	19 31	1 38	17 0	0 32	10 33	2 36	22 20	0 24	11 58
M20	12 30	15 48	4 50	15 1	1 44	21 3	1 5	19 40	1 38	16 56	0 32	10 33	2 36	22 20	0 24	11 58
T 21	12 10	18 29	4 11	14 21	1 45	20 57	1 1	19 50	1 39	16 53	0 33	10 32	2 36	22 19	0 24	11 58
W22	11 50	20 8	3 17	13 40	1 46	20 50	0 58	19 59	1 39	16 49	0 33	10 32	2 36	22 19	0 24	11 58
T 23	11 30	20 31	2 9	12 57	1 45	20 43	0 54	20 9	1 39	16 45	0 33	10 31	2 37	22 18	0 24	11 57
F 24	11 10	19 29	0 51	12 14	1 45	20 35	0 51	20 18	1 40	16 41	0 33	10 31	2 37	22 18	0 24	11 57
S 25	10 49	17 5	0n32	11 30	1 43	20 26	0 47	20 27	1 40	16 38	0 33	10 30	2 37	22 18	0 24	11 57
S 26	10 29	13 29	1 53	10 45	1 41	20 17	0 44	20 36	1 41	16 34	0 33	10 30	2 37	22 17	0 25	11 57
M27	10 8	9 2	3 5	9 13	1 39	20 7	0 40	20 45	1 41	16 30	0 33	10 29	2 38	22 17	0 25	11 57
T 28	9 47	4 6	4 4	9 9	1 36	19 57	0 37	20 54	1 41	16 26	0 33	10 29	2 38	22 16	0 25	11 56
W29	9 26	0s57	4 46	8 27	1 32	19 46	0 33	21 3	1 42	16 23	0 33	10 28	2 38	22 16	0 25	11 56
T 30	9 4	5 49	5 9	7 41	1 28	19 35	0 30	21 12	1 42	16 19	0 33	10 27	2 38	22 16	0 25	11 56
F 31	8n43	10s13	5n13	6n54	1n24	19n23	0s27	21s20	1s42	16n15	0n34	10n26	2s39	22n15	0n25	11n56

Julian Day Number = 2526266.5, Delta T = 167.54 sec
 Ecliptic obliquity = 23°24'40, Nutation = - 0°00'12, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°35'57, Lahiri = 26°42'58

ASTRODIENST EPHEMERIS for the year 2204

geocentric

SEPTEMBER 2204

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 40 15	8♍33°03	24♍23	17♍35	2♍38	28♍33	17♍14	4°R15	20♍34	6°R14	2♍0	7°R58	6♍37	10♍59	27°R15	S 1
S 2	22 44 12	9°31'02	7♍8	19°23	3°48	29°10	17°27	4♍14	20°36	6♍13	2°2	7°D57	6°34	11°5	27♍12	S 2
M 3	22 48 8	10°29'02	19°31	21°9	4°59	29°48	17°39	4°12	20°39	6°13	2°4	7°D58	6°31	11°12	27°10	M 3
T 4	22 52 5	11°27'04	1♍39	22°55	6°10	0♍25	17°52	4°10	20°42	6°12	2°6	7°59	6°28	11°19	27°8	T 4
W 5	22 56 1	12°25'07	13°35	24°39	7°21	1°2	18°5	4°8	20°44	6°11	2°8	8°1	6°25	11°25	27°6	W 5
T 6	22 59 58	13°23'12	25°24	26°22	8°32	1°40	18°17	4°6	20°47	6°10	2°10	8°2	6°21	11°32	27°4	T 6
F 7	23 3 55	14°21'17	7♍11	28°4	9°44	2°18	18°30	4°4	20°49	6°9	2°12	8°R3	6°18	11°39	27°2	F 7
S 8	23 7 51	15°19'25	19°0	29°44	10°55	2°56	18°42	4°2	20°52	6°8	2°14	8°2	6°15	11°45	27°0	S 8
S 9	23 11 48	16°17'34	0♍53	1♍23	12°6	3°34	18°55	3°59	20°54	6°8	2°16	8°0	6°12	11°52	26°58	S 9
M10	23 15 44	17°15'44	12°53	3°1	13°18	4°12	19°7	3°57	20°57	6°7	2°17	7°56	6°9	11°59	26°57	M10
T 11	23 19 41	18°13'56	25°2	4°38	14°29	4°51	19°20	3°54	20°59	6°6	2°19	7°50	6°6	12°5	26°55	T 11
W12	23 23 37	19°12'10	7♍21	6°14	15°41	5°30	19°32	3°52	21°1	6°5	2°21	7°43	6°2	12°12	26°53	W12
T 13	23 27 34	20°10'26	19°52	7°48	16°53	6°8	19°44	3°49	21°3	6°4	2°23	7°35	5°59	12°19	26°52	T 13
F 14	23 31 30	21°8'44	2♍34	9°22	18°5	6°47	19°56	3°46	21°6	6°2	2°25	7°28	5°56	12°25	26°50	F 14
S 15	23 35 27	22°7'03	15°30	10°54	19°17	7°26	20°9	3°43	21°8	6°1	2°27	7°22	5°53	12°32	26°49	S 15
S 16	23 39 23	23°5'25	28°39	12°25	20°29	8°6	20°21	3°40	21°10	6°0	2°29	7°17	5°50	12°38	26°48	S 16
M17	23 43 20	24°3'49	12♍2	13°55	21°41	8°45	20°33	3°37	21°12	5°59	2°31	7°14	5°47	12°45	26°46	M17
T 18	23 47 17	25°2'15	25°42	15°24	22°53	9°25	20°45	3°34	21°14	5°58	2°32	7°D14	5°43	12°52	26°45	T 18
W19	23 51 13	26°0'43	9♍39	16°52	24°5	10°4	20°57	3°31	21°16	5°57	2°34	7°14	5°40	12°58	26°44	W19
T 20	23 55 10	26°59'14	23°52	18°18	25°17	10°44	21°9	3°28	21°18	5°56	2°36	7°15	5°37	13°5	26°43	T 20
F 21	23 59 6	27°57'46	8♍20	19°44	26°30	11°24	21°20	3°24	21°20	5°54	2°38	7°R16	5°34	13°12	26°42	F 21
S 22	0 3 3	28°56'21	23°1	21°8	27°42	12°4	21°32	3°21	21°22	5°53	2°40	7°15	5°31	13°18	26°41	S 22
S 23	0 6 59	29°54'58	7♍49	22°31	28°55	12°44	21°44	3°17	21°24	5°52	2°42	7°12	5°27	13°25	26°40	S 23
M24	0 10 56	0♍53'37	22°37	23°53	0♍7	13°25	21°56	3°14	21°26	5°51	2°43	7°6	5°24	13°32	26°39	M24
T 25	0 14 52	1°52'17	7♍18	25°13	1°20	14°5	22°7	3°10	21°27	5°49	2°45	6°59	5°21	13°38	26°39	T 25
W26	0 18 49	2°51'00	21°40	26°32	2°33	14°46	22°19	3°6	21°29	5°48	2°47	6°50	5°18	13°45	26°38	W26
T 27	0 22 46	3°49'44	5♍47	27°50	3°46	15°27	22°30	3°3	21°31	5°47	2°49	6°40	5°15	13°52	26°38	T 27
F 28	0 26 42	4°48'30	19°26	29°6	4°59	16°8	22°41	2°59	21°32	5°45	2°50	6°32	5°12	13°58	26°37	F 28
S 29	0 30 39	5°47'19	2♍38	0♍21	6°12	16°49	22°53	2°55	21°34	5°44	2°52	6°25	5°8	14°5	26°37	S 29
S 30	0 34 35	6♍46'08	15♍25	1♍34	7♍25	17♍30	23♍4	2♍51	21♍35	5♍42	2♍54	6♍21	5♍5	14♍12	26♍36	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
S 1	8n21	13s59	5n 1	6n 7	1n19	19n10	0s23	21s29	1s42	16n11	0n34	10n26	2s39	22n15	0n25	11n55	1s46	20n38	10n37	18n15	18n36	17s50	13s25	7n24	
S 2	8 0	16 58	4 34	5 20	1 14	18 58	0 20	21 37	1 43	16 7	0 34	10 25	2 39	22 14	0 25	11 55	1 46	20 37	10 37	18 15	18 37	17 49	13 26	7 24	
M 3	7 38	19 6	3 55	4 33	1 8	18 44	0 16	21 46	1 43	16 4	0 34	10 24	2 39	22 14	0 25	11 55	1 46	20 37	10 37	18 15	18 37	17 48	13 27	7 23	
T 4	7 16	20 18	3 6	3 46	1 2	18 30	0 13	21 54	1 43	16 0	0 34	10 23	2 40	22 14	0 25	11 54	1 46	20 36	10 37	18 15	18 38	17 47	13 28	7 23	
W 5	6 54	20 34	2 10	2 59	0 56	18 15	0 10	22 2	1 43	15 56	0 34	10 22	2 40	22 13	0 25	11 54	1 46	20 35	10 37	18 15	18 39	17 46	13 28	7 22	
T 6	6 31	19 55	1 9	2 13	0 50	18 0	0 6	22 10	1 44	15 52	0 34	10 22	2 40	22 13	0 25	11 54	1 46	20 35	10 37	18 14	18 40	17 45	13 29	7 22	
F 7	6 9	18 23	0 5	1 26	0 44	17 45	0 3	22 18	1 44	15 49	0 34	10 21	2 40	22 13	0 25	11 53	1 46	20 34	10 37	18 14	18 40	17 44	13 30	7 22	
S 8	5 47	16 3	0s59	0 40	0 37	17 29	0n 0	22 25	1 44	15 45	0 34	10 20	2 41	22 12	0 25	11 53	1 46	20 34	10 38	18 14	18 41	17 43	13 31	7 21	
S 9	5 24	13 2	2 1	0s 6	0 30	17 12	0 4	22 33	1 44	15 41	0 35	10 19	2 41	22 12	0 25	11 53	1 46	20 33	10 38	18 15	18 42	17 42	13 32	7 21	
M10	5 2	9 27	2 58	0 51	0 23	16 55	0 7	22 40	1 44	15 37	0 35	10 18	2 41	22 12	0 25	11 52	1 46	20 32	10 38	18 16	18 43	17 41	13 32	7 20	
T 11	4 39	5 27	3 48	1 36	0 16	16 37	0 10	22 48	1 45	15 34	0 35	10 17	2 41	22 11	0 25	11 52	1 46	20 32	10 38	18 17	18 44	17 40	13 33	7 20	
W12	4 16	1 10	4 27	2 21	0 8	16 19	0 13	22 55	1 45	15 30	0 35	10 16	2 41	22 11	0 25	11 52	1 46	20 31	10 38	18 19	18 44	17 39	13 34	7 19	
T 13	3 53	3n13	4 54	3 5	0 1	16 1	0 16	23 2	1 45	15 26	0 35	10 14	2 42	22 11	0 25	11 51	1 46	20 31	10 38	18 21	18 45	17 38	13 35	7 19	
F 14	3 30	7 32	5 8	3 49	0s 7	15 42	0 19	23 9	1 45	15 22	0 35	10 13	2 42	22 10	0 25	11 51	1 46	20 30	10 38	18 23	18 46	17 37	13 35	7 18	
S 15	3 7	11 35	5 6	4 32	0 14	15 22	0 22	23 15	1 45	15 19	0 35	10 12	2 42	22 10	0 25	11 50	1 46	20 30	10 39	18 25	18 47	17 36	13 36	7 18	
S 16	2 44	15 9	4 48	5 14	0 22	15 3	0 25	23 22	1 45	15 15	0 35	10 11	2 42	22 10	0 25	11 50	1 46	20 29	10 39	18 26	18 48	17 35	13 37	7 17	
M17	2 21	18 1	4 14	5 57	0 30	14 42	0 28	23 28	1 45	15 11	0 36	10 10	2 42	22 9	0 25	11 50	1 46	20 29	10 39	18 26	18 48	17 34	13 37	7 17	
T 18	1 58	19 55	3 25	6 38	0 38	14 22	0 31	23 34	1 46	15 8	0 36	10 9	2 43	22 9	0 25	11 49	1 46	20 28	10 39	18 27	18 49	17 33	13 38	7 16	
W19	1 35	20 41	2 23	7 19	0 46	14 0	0 34	23 41	1 46	15 4	0 36	10 7	2 43	22 9	0 25	11 49	1 46	20 28	10 39	18 26	18 50	17 32	13 39	7 16	
T 20	1 12	20 8	1 12	8 0	0 53	13 39	0 36	23 46	1 46	15 0	0 36	10 6	2 43	22 8	0 25	11 48	1 46	20 27	10 40	18 26	18 51	17 31	13 40	7 15	
F 21	0 49	18 15	0n 6	8 39	1 1	13 17	0 39	23 52	1 46	14 57	0 36	10 5	2 43	22 8	0 25	11 48	1 47	20 27	10 40	18 26	18 51	17 30	13 40	7 15	
S 22	0 25	15 9	1 24	9 18	1 9	12 55	0 42	23 58	1 46	14 53	0 36	10 3	2 43	22 8	0 25	11 47	1 47	20 26	10 40	18 26	18 52	17 29	13 41	7 14	
S 23	0 2	11 3	2 37	9 57	1 17	12 32	0 45	24 3	1 46	14 49	0 36	10 2	2 43	22 8	0 25	11 47	1 47	20 26	10 40	18 27	18 53	17 28	13 42	7 14	
M24	0s21	6 17	3 39	10 34	1 25	12 9	0 47	24 8	1 46	14 46	0 37	10 1	2 44	22 7	0 25	11 47	1 47	20 25	10 40	18 29	18 54	17 26	13 42	7 13	
T 25	0 45	1 11	4 26	11 11	1 33	11 46	0 50	24 13	1 46	14 42	0 37	9 59	2 44	22 7	0 25	11 46	1 47	20 25	10 41	18 30	18 55	17 25	13 43	7 13	
W26	1 8	3s53	4 55	11 47	1 40	11 22	0 52	24 18	1 46	14 38	0 37	9 58	2 44	22 7	0 25	11 46	1 47	20 24	10 41	18 33	18 55	17 24	13 44	7 12	
T 27	1 31	8 38	5 5	12 22	1 48	10 58	0 54	24 22	1 46	14 35	0 37	9 56	2 44	22 7	0 25	11 45	1 47	20 24	10 41	18 35	18 56	17 23	13 44	7 12	
F 28	1 55	12 47	4 58	12 56	1 55	10 33	0 57	24 27	1 46	14 31	0 37	9 55	2 44	22 6	0 25	11 45	1 47	20 23	10 41	18 37	18 57	17 22	13 45	7 11	
S 29	2 18	16 10	4 35	13 30	2 3	10 9	0 59	24 31	1 46	14 28	0 37	9 54	2 44	22 6	0 25	11 44	1 47	20 23	10 41	18 39	18 58	17 21	13 45	7 11	
S 30	2s41	18s40	3n58	14s 2	2s10	9n44	1n 1	24s35	1s46	14n24	0n37	9n52	2s44	22n 6	0n25	11n44	1s47	20n23	10n42	18n40	18n58	17s20	13s46	7n10	

ASTRODIENST EPHEMERIS for the year 2204
geocentric

OCTOBER 2204

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 38 32	7♏45°00	27♏50	2♏46	8♏38	18♏11	23♏15	2°R47	21♏37	5°R41	2♏55	6°R19	5♏2	14♏18	26°R36	M 1
T 2	0 42 28	8°43'53	9♏58	3°56	9°51	18°52	23°26	2♏43	21°38	5♏40	2°57	6°D18	4°59	14°25	26♏36	T 2
W 3	0 46 25	9°42'48	21°53	5°4	11°4	19°34	23°37	2°39	21°40	5°38	2°59	6♏19	4°56	14°31	26°36	W 3
T 4	0 50 21	10°41'45	3♏42	6°9	12°17	20°16	23°48	2°34	21°41	5°37	3°0	6°R19	4°53	14°38	26°D36	T 4
F 5	0 54 18	11°40'43	15°30	7°13	13°31	20°57	23°59	2°30	21°42	5°35	3°2	6°19	4°49	14°45	26°36	F 5
S 6	0 58 15	12°39'44	27°21	8°14	14°44	21°39	24°10	2°26	21°43	5°34	3°4	6°16	4°46	14°51	26°36	S 6
S 7	1 2 11	13°38'46	9♏19	9°13	15°57	22°21	24°20	2°21	21°44	5°32	3°5	6°12	4°43	14°58	26°36	S 7
M 8	1 6 8	14°37'50	21°28	10°9	17°11	23°3	24°31	2°17	21°46	5°31	3°7	6°4	4°40	15°5	26°37	M 8
T 9	1 10 4	15°36'55	3♏50	11°2	18°24	23°45	24°41	2°12	21°47	5°29	3°8	5°55	4°37	15°11	26°37	T 9
W10	1 14 1	16°36'03	16°26	11°52	19°38	24°28	24°52	2°8	21°48	5°27	3°10	5°43	4°33	15°18	26°38	W10
T 11	1 17 57	17°35'13	29°15	12°38	20°52	25°10	25°2	2°3	21°49	5°26	3°11	5°31	4°30	15°25	26°38	T 11
F 12	1 21 54	18°34'25	12♏19	13°21	22°5	25°52	25°12	1°59	21°49	5°24	3°13	5°18	4°27	15°31	26°39	F 12
S 13	1 25 50	19°33'39	25°34	13°59	23°19	26°35	25°22	1°54	21°50	5°23	3°14	5°8	4°24	15°38	26°39	S 13
S 14	1 29 47	20°32'55	9♏0	14°32	24°33	27°18	25°32	1°50	21°51	5°21	3°16	5°0	4°21	15°45	26°40	S 14
M15	1 33 43	21°32'14	22°36	15°0	25°47	28°0	25°42	1°45	21°52	5°19	3°17	4°54	4°18	15°51	26°41	M15
T 16	1 37 40	22°31'34	6♏21	15°23	27°1	28°43	25°52	1°40	21°53	5°18	3°19	4°51	4°14	15°58	26°42	T 16
W17	1 41 37	23°30'58	20°16	15°40	28°15	29°26	26°2	1°36	21°53	5°16	3°20	4°D50	4°11	16°5	26°43	W17
T 18	1 45 33	24°30'23	4♏19	15°50	29°29	0♏9	26°11	1°31	21°54	5°15	3°21	4°R50	4°8	16°11	26°44	T 18
F 19	1 49 30	25°29'51	18°31	15°R53	0♏43	0°53	26°21	1°26	21°54	5°13	3°23	4°50	4°5	16°18	26°45	F 19
S 20	1 53 26	26°29'21	2♏49	15°49	1°57	1°36	26°30	1°21	21°55	5°11	3°24	4°48	4°2	16°24	26°46	S 20
S 21	1 57 23	27°28'54	17°13	15°36	3°11	2°19	26°40	1°17	21°55	5°10	3°25	4°43	3°58	16°31	26°48	S 21
M22	2 1 19	28°28'28	1♏36	15°16	4°26	3°3	26°49	1°12	21°56	5°8	3°27	4°35	3°55	16°38	26°49	M22
T 23	2 5 16	29°28'05	15°55	14°46	5°40	3°46	26°58	1°7	21°56	5°6	3°28	4°25	3°52	16°44	26°50	T 23
W24	2 9 12	0♏27'43	0♏3	14°8	6°54	4°30	27°7	1°2	21°56	5°5	3°29	4°13	3°49	16°51	26°52	W24
T 25	2 13 9	1°27'24	13°54	13°21	8°9	5°14	27°16	0°57	21°56	5°3	3°30	4°0	3°46	16°58	26°53	T 25
F 26	2 17 6	2°27'07	27°25	12°26	9°23	5°57	27°24	0°53	21°56	5°1	3°31	3°48	3°43	17°4	26°55	F 26
S 27	2 21 2	3°26'52	10♏33	11°24	10°37	6°41	27°33	0°48	21°57	4°59	3°33	3°38	3°39	17°11	26°57	S 27
S 28	2 24 59	4°26'38	23°19	10°15	11°52	7°25	27°41	0°43	21°R57	4°58	3°34	3°31	3°36	17°18	26°59	S 28
M29	2 28 55	5°26'26	5♏44	9°2	13°6	8°9	27°50	0°38	21°57	4°56	3°35	3°26	3°33	17°24	27°0	M29
T 30	2 32 52	6°26'16	17°52	7°46	14°21	8°53	27°58	0°34	21°56	4°54	3°36	3°24	3°30	17°31	27°2	T 30
W31	2 36 48	7♏26'08	29♏48	6♏30	15♏35	9♏38	28♏6	0♏29	21♏56	4♏53	3♏37	3♏23	3♏27	17♏38	27♏4	W31

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	3s 4	20s13	3n11	14s34	2s17	9n18	1n 3	24s39	1s46	14n21	0n38	9n51	2s45	22n 6	0n25	11n43
T 2	3 27	20 46	2 16	15 4	2 24	8 53	1 5	24 42	1 46	14 17	0 38	9 49	2 45	22 6	0 26	11 43
W 3	3 51	20 23	1 16	15 33	2 30	8 27	1 7	24 45	1 46	14 14	0 38	9 48	2 45	22 5	0 26	11 42
T 4	4 14	19 5	0 14	16 1	2 37	8 1	1 9	24 49	1 46	14 10	0 38	9 46	2 45	22 5	0 26	11 42
F 5	4 37	16 57	0s49	16 28	2 43	7 34	1 11	24 51	1 46	14 7	0 38	9 44	2 45	22 5	0 26	11 41
S 6	5 0	14 6	1 50	16 54	2 49	7 8	1 13	24 54	1 45	14 3	0 38	9 43	2 45	22 5	0 26	11 41
S 7	5 23	10 38	2 46	17 18	2 54	6 41	1 15	24 57	1 45	14 0	0 39	9 41	2 45	22 5	0 26	11 40
M 8	5 46	6 41	3 36	17 41	3 0	6 14	1 17	24 59	1 45	13 57	0 39	9 40	2 45	22 5	0 26	11 40
T 9	6 8	2 24	4 16	18 2	3 4	5 47	1 18	25 1	1 45	13 53	0 39	9 38	2 45	22 5	0 26	11 39
W10	6 31	2n 4	4 45	18 22	3 9	5 19	1 20	25 3	1 45	13 50	0 39	9 37	2 45	22 4	0 26	11 38
T 11	6 54	6 31	5 0	18 40	3 12	4 52	1 21	25 4	1 45	13 47	0 39	9 35	2 46	22 4	0 26	11 38
F 12	7 16	10 45	4 59	18 56	3 16	4 24	1 23	25 5	1 45	13 43	0 39	9 33	2 46	22 4	0 26	11 37
S 13	7 39	14 33	4 43	19 10	3 18	3 56	1 24	25 7	1 45	13 40	0 40	9 32	2 46	22 4	0 26	11 37
S 14	8 1	17 39	4 11	19 22	3 20	3 28	1 25	25 7	1 44	13 37	0 40	9 30	2 46	22 4	0 26	11 36
M15	8 23	19 49	3 24	19 31	3 21	3 0	1 26	25 8	1 44	13 34	0 40	9 28	2 46	22 4	0 26	11 36
T 16	8 45	20 51	2 25	19 38	3 21	2 31	1 27	25 8	1 44	13 31	0 40	9 27	2 46	22 4	0 26	11 35
W17	9 7	20 37	1 16	19 43	3 21	2 3	1 28	25 8	1 44	13 27	0 40	9 25	2 46	22 4	0 26	11 35
T 18	9 29	19 7	0 3	19 44	3 19	1 34	1 29	25 8	1 44	13 24	0 40	9 24	2 46	22 4	0 26	11 34
F 19	9 51	16 24	1n12	19 42	3 16	1 6	1 30	25 8	1 43	13 21	0 41	9 22	2 46	22 4	0 26	11 34
S 20	10 12	12 40	2 22	19 36	3 12	0 37	1 31	25 7	1 43	13 18	0 41	9 20	2 46	22 4	0 26	11 33
S 21	10 34	8 11	3 24	19 27	3 6	0 8	1 32	25 6	1 43	13 15	0 41	9 19	2 46	22 4	0 26	11 32
M22	10 55	3 14	4 13	19 14	2 58	0s21	1 32	25 5	1 43	13 12	0 41	9 17	2 46	22 4	0 26	11 32
T 23	11 16	1s52	4 45	18 57	2 50	0 49	1 33	25 4	1 42	13 9	0 41	9 15	2 46	22 4	0 26	11 31
W24	11 37	6 48	5 0	18 35	2 39	1 18	1 34	25 2	1 42	13 7	0 41	9 14	2 46	22 4	0 26	11 31
T 25	11 58	11 17	4 56	18 9	2 26	1 47	1 34	25 0	1 42	13 4	0 42	9 12	2 46	22 4	0 26	11 30
F 26	12 19	15 5	4 36	17 39	2 12	2 16	1 34	24 58	1 42	13 1	0 42	9 10	2 46	22 4	0 26	11 30
S 27	12 39	18 1	4 1	17 5	1 56	2 45	1 35	24 56	1 41	12 58	0 42	9 9	2 46	22 4	0 26	11 29
S 28	12 59	20 0	3 15	16 26	1 39	3 14	1 35	24 53	1 41	12 55	0 42	9 7	2 46	22 4	0 26	11 28
M29	13 19	20 56	2 21	15 45	1 20	3 43	1 35	24 50	1 41	12 53	0 42	9 5	2 46	22 4	0 26	11 28
T 30	13 39	20 53	1 21	15 2	1 0	4 11	1 35	24 47	1 40	12 50	0 43	9 4	2 46	22 4	0 26	11 27
W31	13s59	19s51	0n19	14s18	0s40	4s40	1n35	24s44	1s40	12n47	0n43	9n 2	2s46	22n 4	0n26	11n27

Julian Day Number = 2526327.5, Delta T = 167.71 sec
Ecliptic obliquity = 23°24'41, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°36'06, Lahiri = 26°43'06

ASTRODIENST EPHEMERIS for the year 2204
geocentric

NOVEMBER 2204

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 45	8♍26°01	11♋38	5°R16	16♊50	10♋22	28♊14	0°R24	21°R56	4°R51	3♎38	3°R23	3♎24	17♋44	27♋7	T 1
F 2	2 44 41	9°25'56	23°26	4♍5	18°5	11°6	28°22	0♋19	21°56	4♋49	3°39	3♎23	3°20	17°51	27°9	F 2
S 3	2 48 38	10°25'52	5♋18	3°1	19°19	11°51	28°30	0°15	21°56	4°48	3°40	3°20	3°17	17°58	27°11	S 3
S 4	2 52 35	11°25'50	17°20	2°5	20°34	12°35	28°37	0°10	21°55	4°46	3°41	3°16	3°14	18°4	27°13	S 4
M 5	2 56 31	12°25'50	29°35	1°19	21°49	13°20	28°45	0°5	21°55	4°44	3°42	3°9	3°11	18°11	27°16	M 5
T 6	3 0 28	13°25'51	12♎7	0°44	23°4	14°5	28°52	0°1	21°54	4°43	3°43	2°59	3°8	18°17	27°18	T 6
W 7	3 4 24	14°25'54	24°57	0°20	24°18	14°49	28°59	29♎56	21°54	4°41	3°44	2°47	3°4	18°24	27°21	W 7
T 8	3 8 21	15°25'59	8♋5	0°7	25°33	15°34	29°6	29°52	21°53	4°39	3°44	2°34	3°1	18°31	27°23	T 8
F 9	3 12 17	16°26'06	21°31	0°D 6	26°48	16°19	29°13	29°47	21°53	4°38	3°45	2°21	2°58	18°37	27°26	F 9
S 10	3 16 14	17°26'14	5♊11	0°17	28°3	17°4	29°20	29°43	21°52	4°36	3°46	2°10	2°55	18°44	27°28	S 10
S 11	3 20 10	18°26'25	19°3	0°37	29°18	17°49	29°26	29°38	21°51	4°34	3°47	2°2	2°52	18°51	27°31	S 11
M12	3 24 7	19°26'37	3♋2	1°7	0♍33	18°34	29°33	29°34	21°51	4°33	3°48	1°56	2°49	18°57	27°34	M12
T 13	3 28 4	20°26'51	17°5	1°46	1°48	19°19	29°39	29°30	21°50	4°31	3°48	1°53	2°45	19°4	27°37	T 13
W14	3 32 0	21°27'08	1♎11	2°33	3°3	20°4	29°45	29°25	21°49	4°30	3°49	1°D52	2°42	19°11	27°40	W14
T 15	3 35 57	22°27'26	15°17	3°27	4°18	20°49	29°51	29°21	21°48	4°28	3°50	1°52	2°39	19°17	27°43	T 15
F 16	3 39 53	23°27'46	29°22	4°26	5°33	21°35	29°57	29°17	21°47	4°27	3°50	1°R52	2°36	19°24	27°46	F 16
S 17	3 43 50	24°28'08	13♎27	5°32	6°48	22°20	0♎2	29°13	21°46	4°25	3°51	1°51	2°33	19°31	27°49	S 17
S 18	3 47 46	25°28'32	27°29	6°41	8°3	23°5	0°8	29°9	21°45	4°23	3°51	1°47	2°30	19°37	27°52	S 18
M19	3 51 43	26°28'58	11♊27	7°55	9°18	23°51	0°13	29°5	21°44	4°22	3°52	1°41	2°26	19°44	27°56	M19
T 20	3 55 39	27°29'26	25°18	9°12	10°33	24°36	0°18	29°1	21°43	4°20	3°52	1°32	2°23	19°51	27°59	T 20
W21	3 59 36	28°29'56	9♍0	10°32	11°48	25°22	0°23	28°57	21°42	4°19	3°53	1°21	2°20	19°57	28°2	W21
T 22	4 3 33	29°30'27	22°28	11°55	13°4	26°8	0°28	28°53	21°40	4°17	3°53	1°10	2°17	20°4	28°6	T 22
F 23	4 7 29	0♋31°00	5♋41	13°19	14°19	26°53	0°33	28°50	21°39	4°16	3°54	0°59	2°14	20°11	28°9	F 23
S 24	4 11 26	1°31'34	18°36	14°45	15°34	27°39	0°37	28°46	21°38	4°14	3°54	0°50	2°10	20°17	28°13	S 24
S 25	4 15 22	2°32'10	1♋14	16°13	16°49	28°25	0°42	28°42	21°36	4°13	3°54	0°44	2°7	20°24	28°17	S 25
M26	4 19 19	3°32'47	13°34	17°42	18°5	29°10	0°46	28°39	21°35	4°12	3°55	0°40	2°4	20°31	28°20	M26
T 27	4 23 15	4°33'26	25°41	19°11	19°20	29°56	0°50	28°35	21°33	4°10	3°55	0°D38	2°1	20°37	28°24	T 27
W28	4 27 12	5°34'05	7♋36	20°42	20°35	0♋42	0°54	28°32	21°32	4°9	3°55	0°38	1°58	20°44	28°28	W28
T 29	4 31 8	6°34'46	19°25	22°13	21°50	1°28	0°57	28°29	21°30	4°7	3°55	0°39	1°55	20°50	28°32	T 29
F 30	4 35 5	7♋35'28	1♋13	23♍45	23♍6	2♋14	1♎1	28°Y26	21°29	4♋6	3♎56	0♎40	1♎51	20♋57	28♋35	F 30

Day	☉	☾	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s18	17s58	0s44	13s33	0s19	5s 9	1n35	24s40	1s40	12n45	0n43	9n 1	2s46	22n 4	0n26	11n26	1s47	20n15	10n51	19n23	19n22	16s43	13s57	6n53
F 2	14 37	15 20	1 44	12 51	0n 2	5 37	1 35	24 36	1 39	12 42	0 43	8 59	2 46	22 4	0 26	11 26	1 47	20 15	10 52	19 23	19 23	16 42	13 57	6 53
S 3	14 56	12 3	2 41	12 10	0 21	6 6	1 35	24 32	1 39	12 40	0 43	8 58	2 46	22 4	0 27	11 25	1 47	20 15	10 52	19 23	19 24	16 40	13 57	6 52
S 4	15 15	8 14	3 30	11 33	0 40	6 34	1 34	24 27	1 39	12 37	0 44	8 56	2 45	22 4	0 27	11 25	1 47	20 15	10 53	19 24	19 25	16 39	13 57	6 52
M 5	15 33	4 1	4 12	11 1	0 58	7 2	1 34	24 22	1 38	12 35	0 44	8 54	2 45	22 4	0 27	11 24	1 47	20 15	10 53	19 26	19 25	16 38	13 58	6 51
T 6	15 51	0n28	4 42	10 34	1 14	7 30	1 33	24 17	1 38	12 33	0 44	8 53	2 45	22 4	0 27	11 23	1 47	20 15	10 53	19 28	19 26	16 37	13 58	6 51
W 7	16 9	5 1	4 58	10 12	1 28	7 58	1 33	24 12	1 38	12 30	0 44	8 51	2 45	22 4	0 27	11 23	1 47	20 15	10 54	19 31	19 27	16 35	13 58	6 50
T 8	16 27	9 27	5 0	9 56	1 40	8 26	1 32	24 7	1 37	12 28	0 44	8 50	2 45	22 4	0 27	11 22	1 47	20 15	10 54	19 34	19 28	16 34	13 58	6 50
F 9	16 44	13 32	4 45	9 46	1 51	8 54	1 32	24 1	1 37	12 26	0 45	8 49	2 45	22 5	0 27	11 22	1 47	20 15	10 54	19 37	19 28	16 33	13 58	6 49
S 10	17 1	16 59	4 13	9 42	1 59	9 21	1 31	23 55	1 36	12 24	0 45	8 47	2 45	22 5	0 27	11 21	1 47	20 15	10 55	19 39	19 29	16 32	13 58	6 49
S 11	17 18	19 32	3 26	9 42	2 6	9 48	1 30	23 49	1 36	12 22	0 45	8 46	2 45	22 5	0 27	11 21	1 47	20 15	10 55	19 41	19 30	16 30	13 57	6 48
M12	17 34	20 56	2 27	9 48	2 11	10 15	1 29	23 42	1 36	12 20	0 45	8 44	2 45	22 5	0 27	11 20	1 47	20 15	10 56	19 42	19 31	16 29	13 57	6 48
T 13	17 50	21 2	1 18	9 58	2 15	10 42	1 28	23 35	1 35	12 18	0 46	8 43	2 44	22 5	0 27	11 20	1 47	20 15	10 56	19 43	19 31	16 28	13 57	6 47
W14	18 6	19 49	0 4	10 11	2 17	11 9	1 28	23 28	1 35	12 16	0 46	8 41	2 44	22 5	0 27	11 19	1 47	20 16	10 56	19 43	19 32	16 27	13 57	6 47
T 15	18 22	17 22	1n11	10 29	2 18	11 35	1 26	23 21	1 34	12 14	0 46	8 40	2 44	22 5	0 27	11 19	1 47	20 16	10 57	19 43	19 33	16 25	13 57	6 46
F 16	18 37	13 53	2 21	10 49	2 18	12 1	1 25	23 14	1 34	12 12	0 46	8 39	2 44	22 6	0 27	11 18	1 47	20 16	10 57	19 43	19 33	16 24	13 57	6 46
S 17	18 52	9 37	3 22	11 11	2 17	12 27	1 24	23 6	1 33	12 10	0 46	8 38	2 44	22 6	0 27	11 18	1 47	20 16	10 57	19 44	19 34	16 23	13 57	6 45
S 18	19 6	4 51	4 11	11 36	2 15	12 52	1 23	22 58	1 33	12 8	0 47	8 36	2 44	22 6	0 27	11 17	1 47	20 16	10 58	19 44	19 35	16 21	13 57	6 45
M19	19 21	0s 9	4 45	12 3	2 12	13 17	1 22	22 49	1 32	12 7	0 47	8 35	2 44	22 6	0 27	11 17	1 47	20 16	10 58	19 46	19 36	16 20	13 56	6 44
T 20	19 35	5 6	5 2	12 30	2 9	13 42	1 20	22 41	1 32	12 5	0 47	8 34	2 43	22 6	0 27	11 16	1 47	20 16	10 59	19 48	19 36	16 19	13 56	6 44
W21	19 48	9 43	5 1	12 59	2 5	14 6	1 19	22 32	1 31	12 4	0 47	8 33	2 43	22 7	0 27	11 16	1 47	20 17	10 59	19 50	19 37	16 18	13 56	6 44
T 22	20 1	13 48	4 43	13 29	2 0	14 30	1 18	22 23	1 31	12 2	0 48	8 31	2 43	22 7	0 27	11 15	1 47	20 17	10 59	19 53	19 38	16 16	13 56	6 43
F 23	20 14	17 7	4 10	13 59	1 55	14 54	1 16	22 14	1 30	12 1	0 48	8 30	2 43	22 7	0 27	11 15	1 47	20 17	11 0	19 55	19 38	16 15	13 56	6 43
S 24	20 27	19 31	3 25	14 30	1 50	15 18	1 15	22 4	1 30	11 59	0 48	8 29	2 43	22 7	0 27	11 14	1 47	20 17	11 0	19 57	19 39	16 14	13 55	6 42
S 25	20 39	20 54	2 31	15 1	1 44	15 41	1 13	21 55	1 29	11 58	0 48	8 28	2 42	22 8	0 27	11 14	1 47	20 18	11 1	19 58	19 40	16 12	13 55	6 42
M26	20 50	21 13	1 30	15 31	1 38	16 3	1 11	21 45	1 29	11 57	0 48	8 27	2 42	22 8	0 27	11 13	1 47	20 18	11 1	19 59	19 41	16 11	13 55	6 41
T 27	21 2	20 33	0 27	16 2	1 32	16 25	1 10	21 35	1 28	11 55	0 49	8 26	2 42	22 8	0 27	11 13	1 47	20 18	11 1	20 0	19 41	16 10	13 54	6 41
W28	21 12	18 57	0s37	16 32	1 25	16 47	1 8	21 24	1 28	11 54	0 49	8 25	2 42	22 8	0 27	11 13	1 47	20 18	11 2	19 59	19 42	16 8	13 54	6 41
T 29	21 23	16 33	1 39	17 3	1 18	17 8	1 6	21 14	1 27	11 53	0 49	8 24	2 42	22 9	0 27	11 12	1 47	20 19	11 2	19 59	19 43	16 7	13 54	6 40
F 30	21s33	13s29	2s37	17s32	1n11	17s29	1n 4	21s 3	1s27	11n52	0n49	8n23	2s41	22n 9	0n27	11n12	1s47	20n19	11n 3	19n59	19n43	16s 6	13s53	6n40

ASTRODIENST EPHEMERIS for the year 2204
geocentric

DECEMBER 2204

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 39 2	8♌36°10	13♋5	25♏17	24♏21	3♏0	1♏4	28°R23	21°R27	4°R 5	3♏56	0°R40	1♏48	21♏4	28♌39	S 1
S 2	4 42 58	9°36'54	25° 7	26°50	25°36	3°46	1° 7	28°Y20	21°25	4♌3	3°56	0♏39	1°45	21°10	28°43	S 2
M 3	4 46 55	10°37'39	7°Y22	28°22	26°52	4°32	1°10	28°17	21°23	4° 2	3°56	0°35	1°42	21°17	28°47	M 3
T 4	4 50 51	11°38'24	19°57	29°55	28° 7	5°18	1°13	28°14	21°22	4° 1	3°56	0°29	1°39	21°24	28°51	T 4
W 5	4 54 48	12°39'11	2♌53	1♌28	29°22	6° 5	1°15	28°11	21°20	4° 0	3°56	0°22	1°36	21°30	28°56	W 5
T 6	4 58 44	13°39'59	16°13	3° 2	0♌38	6°51	1°18	28° 9	21°18	3°58	3°R56	0°14	1°32	21°37	29° 0	T 6
F 7	5 2 41	14°40'48	29°55	4°35	1°53	7°37	1°20	28° 6	21°16	3°57	3°56	0° 6	1°29	21°44	29° 4	F 7
S 8	5 6 37	15°41'38	13♏57	6° 8	3° 8	8°23	1°22	28° 4	21°14	3°56	3°56	29°59	1°26	21°50	29° 8	S 8
S 9	5 10 34	16°42'29	28°14	7°42	4°24	9°10	1°24	28° 1	21°12	3°55	3°56	29°53	1°23	21°57	29°12	S 9
M10	5 14 31	17°43'21	12♌40	9°15	5°39	9°56	1°25	27°59	21°10	3°54	3°56	29°50	1°20	22° 4	29°17	M10
T 11	5 18 27	18°44'14	27°11	10°49	6°55	10°42	1°27	27°57	21° 8	3°53	3°56	29°D48	1°16	22°10	29°21	T 11
W12	5 22 24	19°45'08	11♏40	12°22	8°10	11°29	1°28	27°55	21° 6	3°52	3°56	29°49	1°13	22°17	29°26	W12
T 13	5 26 20	20°46'04	26° 3	13°56	9°25	12°15	1°29	27°53	21° 4	3°51	3°55	29°50	1°10	22°24	29°30	T 13
F 14	5 30 17	21°47'01	10♏17	15°30	10°41	13° 1	1°30	27°51	21° 2	3°50	3°55	29°52	1° 7	22°30	29°35	F 14
S 15	5 34 13	22°47'59	24°21	17° 3	11°56	13°48	1°30	27°49	21° 0	3°49	3°55	29°R52	1° 4	22°37	29°39	S 15
S 16	5 38 10	23°48'58	8♌14	18°37	13°12	14°34	1°31	27°48	20°57	3°48	3°55	29°51	1° 1	22°44	29°44	S 16
M17	5 42 6	24°49'58	21°55	20°11	14°27	15°21	1°31	27°46	20°55	3°47	3°54	29°48	0°57	22°50	29°48	M17
T 18	5 46 3	25°50'59	5♏23	21°45	15°43	16° 7	1°R31	27°45	20°53	3°46	3°54	29°44	0°54	22°57	29°53	T 18
W19	5 50 0	26°52'01	18°39	23°19	16°58	16°54	1°31	27°43	20°51	3°45	3°54	29°39	0°51	23° 4	29°58	W19
T 20	5 53 56	27°53'04	1♌42	24°53	18°14	17°40	1°30	27°42	20°48	3°44	3°53	29°33	0°48	23°10	0° 2	T 20
F 21	5 57 53	28°54'08	14°31	26°27	19°29	18°27	1°30	27°41	20°46	3°43	3°53	29°28	0°45	23°17	0° 7	F 21
S 22	6 1 49	29°55'13	27° 8	28° 2	20°45	19°13	1°29	27°40	20°44	3°42	3°52	29°23	0°42	23°24	0°12	S 22
S 23	6 5 46	0♌56'19	9♌31	29°36	22° 0	20° 0	1°28	27°39	20°41	3°42	3°52	29°20	0°38	23°30	0°17	S 23
M24	6 9 42	1°57'25	21°43	1♌11	23°16	20°47	1°27	27°38	20°39	3°41	3°51	29°19	0°35	23°37	0°22	M24
T 25	6 13 39	2°58'31	3♌43	2°46	24°31	21°33	1°26	27°38	20°36	3°40	3°51	29°D18	0°32	23°44	0°27	T 25
W26	6 17 36	3°59'37	15°36	4°21	25°46	22°20	1°24	27°37	20°34	3°40	3°50	29°19	0°29	23°50	0°31	W26
T 27	6 21 32	5° 0'44	27°25	5°56	27° 2	23° 7	1°22	27°37	20°31	3°39	3°49	29°21	0°26	23°57	0°36	T 27
F 28	6 25 29	6° 1'51	9♌12	7°32	28°17	23°53	1°20	27°36	20°29	3°38	3°49	29°23	0°22	24° 3	0°41	F 28
S 29	6 29 25	7° 2'59	21° 3	9° 8	29°33	24°40	1°18	27°36	20°26	3°38	3°48	29°24	0°19	24°10	0°46	S 29
S 30	6 33 22	8° 4'06	3°Y 3	10°44	0♌48	25°27	1°16	27°36	20°24	3°37	3°47	29°R25	0°16	24°17	0°51	S 30
M31	6 37 18	9♌5'13	15°Y16	12♌20	2♌ 4	26°13	1♏13	27°D36	20°21	3♌37	3♏47	29°25	0♏13	24°23	0°56	M31

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	21s43	9s51	3s28	18s 1	1n 4	17s50	1n 2	20s52	1s26	11n51	0n50	8n22	2s41	22n 9	0n27	11n11	1s47	20n19	11n 3	19n59	19n44	16s 4	13s53	6n40			
S 2	21 52	5 47	4 11	18 30	0 57	18 10	1 0	20 40	1 26	11 51	0 50	8 21	2 41	22 10	0 27	11 11	1 47	20 20	11 3	19 59	19 45	16 3	13 52	6 39			
M 3	22 1	1 25	4 43	18 57	0 50	18 29	0 58	20 29	1 25	11 50	0 50	8 21	2 41	22 10	0 27	11 10	1 47	20 20	11 4	20 0	19 46	16 2	13 52	6 39			
T 4	22 9	3n 7	5 3	19 24	0 43	18 48	0 56	20 17	1 24	11 49	0 50	8 20	2 41	22 10	0 27	11 10	1 47	20 20	11 4	20 1	19 46	16 0	13 52	6 38			
W 5	22 17	7 38	5 8	19 51	0 36	19 6	0 54	20 5	1 24	11 48	0 51	8 19	2 40	22 10	0 27	11 10	1 47	20 21	11 5	20 3	19 47	15 59	13 51	6 38			
T 6	22 25	11 56	4 56	20 16	0 29	19 24	0 52	19 53	1 23	11 48	0 51	8 18	2 40	22 11	0 27	11 9	1 47	20 21	11 5	20 5	19 48	15 58	13 51	6 38			
F 7	22 32	15 45	4 28	20 40	0 22	19 42	0 50	19 40	1 23	11 47	0 51	8 18	2 40	22 11	0 28	11 9	1 47	20 21	11 5	20 6	19 48	15 56	13 50	6 37			
S 8	22 39	18 46	3 43	21 4	0 15	19 58	0 48	19 28	1 22	11 47	0 51	8 17	2 40	22 11	0 28	11 9	1 46	20 22	11 6	20 8	19 49	15 55	13 50	6 37			
S 9	22 45	20 41	2 43	21 27	0 8	20 15	0 46	19 15	1 21	11 46	0 52	8 17	2 39	22 12	0 28	11 8	1 46	20 22	11 6	20 9	19 50	15 53	13 49	6 37			
M10	22 51	21 17	1 32	21 48	0 1	20 30	0 44	19 2	1 21	11 46	0 52	8 16	2 39	22 12	0 28	11 8	1 46	20 22	11 7	20 10	19 50	15 52	13 48	6 36			
T 11	22 56	20 28	0 14	22 9	0s 6	20 45	0 42	18 49	1 20	11 46	0 52	8 15	2 39	22 12	0 28	11 8	1 46	20 23	11 7	20 10	19 51	15 51	13 48	6 36			
W12	23 1	18 18	1n 4	22 28	0 13	21 0	0 39	18 36	1 20	11 45	0 52	8 15	2 39	22 13	0 28	11 7	1 46	20 23	11 7	20 10	19 52	15 49	13 47	6 36			
T 13	23 5	14 59	2 18	22 46	0 20	21 14	0 37	18 22	1 19	11 45	0 53	8 14	2 38	22 13	0 28	11 7	1 46	20 24	11 8	20 10	19 53	15 48	13 47	6 36			
F 14	23 9	10 50	3 23	23 4	0 26	21 27	0 35	18 8	1 18	11 45	0 53	8 14	2 38	22 13	0 28	11 7	1 46	20 24	11 8	20 9	19 53	15 46	13 46	6 35			
S 15	23 13	6 8	4 14	23 20	0 33	21 40	0 32	17 54	1 18	11 45	0 53	8 14	2 38	22 14	0 28	11 6	1 46	20 25	11 9	20 9	19 54	15 45	13 45	6 35			
S 16	23 16	1 11	4 50	23 35	0 39	21 52	0 30	17 40	1 17	11 45	0 53	8 13	2 38	22 14	0 28	11 6	1 46	20 25	11 9	20 9	19 55	15 44	13 45	6 35			
M17	23 19	3s45	5 9	23 48	0 46	22 3	0 28	17 26	1 16	11 46	0 54	8 13	2 37	22 15	0 28	11 6	1 46	20 26	11 9	20 10	19 55	15 42	13 44	6 34			
T 18	23 21	8 25	5 10	24 1	0 52	22 14	0 25	17 11	1 16	11 46	0 54	8 13	2 37	22 15	0 28	11 6	1 46	20 26	11 10	20 11	19 56	15 41	13 44	6 34			
W19	23 22	12 37	4 55	24 12	0 58	22 24	0 23	16 57	1 15	11 46	0 54	8 13	2 37	22 15	0 28	11 5	1 46	20 27	11 10	20 12	19 57	15 39	13 43	6 34			
T 20	23 24	16 9	4 25	24 22	1 3	22 33	0 21	16 42	1 14	11 46	0 54	8 12	2 36	22 16	0 28	11 5	1 46	20 27	11 10	20 13	19 57	15 38	13 42	6 34			
F 21	23 24	18 51	3 41	24 31	1 9	22 42	0 18	16 27	1 14	11 47	0 55	8 12	2 36	22 16	0 28	11 5	1 46	20 28	11 11	20 14	19 58	15 37	13 41	6 33			
S 22	23 25	20 35	2 47	24 38	1 15	22 50	0 16	16 12	1 13	11 47	0 55	8 12	2 36	22 16	0 28	11 5	1 46	20 28	11 11	20 15	19 59	15 35	13 41	6 33			
S 23	23 24	21 18	1 47	24 44	1 20	22 57	0 13	15 56	1 12	11 48	0 55	8 12	2 36	22 17	0 28	11 4	1 46	20 29	11 12	20 16	19 59	15 34	13 40	6 33			
M24	23 24	20 59	0 42	24 49	1 25	23 4	0 11	15 41	1 12	11 49	0 55	8 12	2 35	22 17	0 28	11 4	1 46	20 29	11 12	20 16	20 0	15 32	13 39	6 33			
T 25	23 23	19 41	0s24	24 53	1 30	23 9	0 8	15 25	1 11	11 49	0 56	8 12	2 35	22 18	0 28	11 4	1 46	20 30	11 12	20 16	20 1	15 31	13 38	6 32			
W26	23 21	17 33	1 29	24 55	1 34	23 15	0 6	15 10	1 10	11 50	0 56	8 12	2 35	22 18	0 28	11 4	1 46	20 30	11 13	20 16	20 1	15 29	13 38	6 32			
T 27	23 19	14 41	2 29	24 55	1 39	23 19	0 4	14 54	1 10	11 51	0 56	8 12	2 35	22 18	0 28	11 4	1 46	20 31	11 13	20 16	20 2	15 28	13 37	6 32			
F 28	23 16	11 14	3 23	24 54	1 43	23 23	0 1	14 38	1 9	11 52	0 56	8 12	2 34	22 19	0 28	11 4	1 46	20 31	11 13	20 15	20 3	15 26	13 36	6 32			
S 29	23 13	7 21	4 8	24 52	1 47	23 26	0s 1	14 21	1 8	11 53	0 57	8 13	2 34	22 19	0 28	11 4	1 45	20 32	11 14	20 15	20 3	15 25	13 35	6 32			
S 30	23 10	3 8	4 43	24 49	1 50	23 28	0 4	14 5	1 7	11 54	0 57	8 13	2 34	22 20	0 28	11 3	1 45	20 33	11 14	20 15	20 4	15 24	13 34	6 31			
M31	23s 6	1n17	5s 7	24s44	1s54	23s30	0s 6	13s49	1s 7	11n55	0n57	8n13	2s33	22n20	0n28	11n 3	1s45	20n33	11n15	20n15	20n 5	15s22	13s33	6n31			