



Astrodienst Ephemeris Tables for the year 2096

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 2096

geocentric

JANUARY 2096

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 42 49	10°34'17	15°18' 9	2°R22	7°52	10°34	7°R32	4°R58	2°Y 0	8°R25	28°R28	9°R29	8°II18	29°39	29°19	S 1
M 2	6 46 45	11°35'26	29° 4	1°318	9° 6	11°19	7°II26	4°R56	2° 1	8°R24	28°Y28	9°II27	8°15	29°46	29°20	M 2
T 3	6 50 42	12°36'35	13°Y 7	0°23	10°20	12° 4	7°21	4°54	2° 2	8°23	28°28	9°D27	8°12	29°52	29°21	T 3
W 4	6 54 38	13°37'44	27°17	29°39	11°34	12°50	7°16	4°52	2° 4	8°22	28°28	9°27	8° 8	29°59	29°22	W 4
T 5	6 58 35	14°38'53	11°31	29° 4	12°48	13°35	7°11	4°50	2° 5	8°22	28°27	9°29	8° 5	0°M 6	29°23	T 5
F 6	7 2 31	15°40'01	25°47	28°40	14° 2	14°20	7° 6	4°48	2° 6	8°21	28°27	9°30	8° 2	0°12	29°24	F 6
S 7	7 6 28	16°41'10	10°II 3	28°26	15°17	15° 5	7° 1	4°45	2° 8	8°20	28°27	9°R31	7°59	0°19	29°25	S 7
S 8	7 10 25	17°42'18	24°16	28°D22	16°31	15°50	6°56	4°43	2° 9	8°19	28°27	9°30	7°56	0°26	29°26	S 8
M 9	7 14 21	18°43'25	8°320	28°26	17°45	16°35	6°52	4°40	2°10	8°18	28°27	9°27	7°52	0°32	29°26	M 9
T 10	7 18 18	19°44'33	22°13	28°39	18°59	17°20	6°48	4°38	2°12	8°17	28°27	9°22	7°49	0°39	29°27	T 10
W11	7 22 14	20°45'40	5°349	28°59	20°13	18° 5	6°44	4°35	2°13	8°16	28°27	9°15	7°46	0°46	29°27	W11
T 12	7 26 11	21°46'47	19° 7	29°26	21°28	18°50	6°40	4°32	2°15	8°15	28°D27	9° 8	7°43	0°52	29°27	T 12
F 13	7 30 7	22°47'54	2°M 5	29°59	22°42	19°36	6°37	4°29	2°17	8°14	28°27	9° 0	7°40	0°59	29°27	F 13
S 14	7 34 4	23°49'01	14°43	0°338	23°56	20°21	6°33	4°26	2°18	8°13	28°27	8°53	7°37	1° 6	29°27	S 14
S 15	7 38 1	24°50'08	27° 3	1°22	25°11	21° 6	6°30	4°23	2°20	8°12	28°27	8°47	7°33	1°12	29°27	S 15
M16	7 41 57	25°51'14	9°320	2°10	26°25	21°51	6°27	4°20	2°22	8°11	28°27	8°43	7°30	1°19	29°27	M16
T 17	7 45 54	26°52'20	21° 4	3° 3	27°39	22°36	6°24	4°17	2°24	8°10	28°27	8°41	7°27	1°26	29°26	T 17
W18	7 49 50	27°53'26	2°M54	3°59	28°54	23°21	6°21	4°13	2°25	8° 8	28°27	8°D41	7°24	1°32	29°26	W18
T 19	7 53 47	28°54'32	14°43	4°58	0°38	24° 5	6°19	4°10	2°27	8° 7	28°27	8°42	7°21	1°39	29°25	T 19
F 20	7 57 43	29°55'38	26°38	6° 1	1°23	24°50	6°17	4° 6	2°29	8° 6	28°28	8°44	7°18	1°46	29°24	F 20
S 21	8 1 40	0°56'43	8°343	7° 6	2°37	25°35	6°15	4° 3	2°31	8° 5	28°28	8°R44	7°14	1°52	29°23	S 21
S 22	8 5 36	1°57'48	21° 3	8°13	3°52	26°20	6°13	3°59	2°33	8° 3	28°28	8°43	7°11	1°59	29°22	S 22
M23	8 9 33	2°58'53	3°340	9°23	5° 6	27° 5	6°11	3°55	2°35	8° 2	28°28	8°40	7° 8	2° 6	29°21	M23
T 24	8 13 30	3°59'57	16°37	10°34	6°21	27°50	6°10	3°52	2°38	8° 1	28°29	8°35	7° 5	2°12	29°20	T 24
W25	8 17 26	5° 1'00	29°55	11°48	7°35	28°35	6° 9	3°48	2°40	8° 0	28°29	8°27	7° 2	2°19	29°19	W25
T 26	8 21 23	6° 2'03	13°32	13° 3	8°50	29°20	6° 8	3°44	2°42	7°58	28°29	8°17	6°58	2°26	29°17	T 26
F 27	8 25 19	7° 3'05	27°25	14°19	10° 4	0°Y 4	6° 7	3°40	2°44	7°57	28°29	8° 7	6°55	2°32	29°16	F 27
S 28	8 29 16	8° 4'06	11°30	15°37	11°19	0°49	6° 6	3°36	2°46	7°55	28°30	7°57	6°52	2°39	29°14	S 28
S 29	8 33 12	9° 5'05	25°41	16°57	12°33	1°34	6° 6	3°32	2°49	7°54	28°30	7°48	6°49	2°46	29°12	S 29
M30	8 37 9	10° 6'04	9°Y55	18°17	13°48	2°19	6°D 6	3°27	2°51	7°53	28°31	7°42	6°46	2°53	29°10	M30
T 31	8 41 5	11°7'01	24°Y 8	19°339	15°38	3°Y 3	6°II 6	3°M23	2°Y53	7°M51	28°Y31	7°II39	6°II43	2°M59	29°M 8	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	23s 0	10s38	5s11	20s22	3n 2	20s 4	1n34	8s24	0s52	20n50	0s44	11n 7	1n33	0n 8	0s43	9n 5
M 2	22 55	4 52	4 55	20 17	3 8	20 17	1 32	8 6	0 51	20 49	0 44	11 8	1 33	0 9	0 43	9 6
T 3	22 50	1n11	4 20	20 14	3 11	20 30	1 30	7 48	0 50	20 49	0 43	11 9	1 33	0 9	0 43	9 6
W 4	22 44	7 14	3 30	20 13	3 12	20 43	1 27	7 30	0 49	20 48	0 43	11 10	1 33	0 10	0 43	9 6
T 5	22 37	12 57	2 27	20 14	3 11	20 55	1 25	7 11	0 48	20 48	0 43	11 11	1 34	0 10	0 43	9 7
F 6	22 31	18 0	1 14	20 17	3 9	21 6	1 23	6 53	0 47	20 47	0 43	11 12	1 34	0 11	0 43	9 7
S 7	22 23	22 0	0n 3	20 21	3 5	21 17	1 21	6 35	0 46	20 46	0 42	11 13	1 34	0 11	0 43	9 7
S 8	22 15	24 38	1 19	20 26	2 59	21 27	1 18	6 16	0 45	20 46	0 42	11 14	1 34	0 12	0 43	9 8
M 9	22 7	25 40	2 30	20 32	2 53	21 36	1 16	5 58	0 44	20 45	0 42	11 15	1 34	0 12	0 43	9 8
T 10	21 59	25 4	3 31	20 40	2 45	21 45	1 13	5 39	0 43	20 45	0 42	11 17	1 35	0 13	0 43	9 8
W11	21 49	22 59	4 18	20 48	2 38	21 53	1 11	5 21	0 42	20 44	0 42	11 18	1 35	0 14	0 43	9 9
T 12	21 40	19 40	4 50	20 57	2 29	22 1	1 8	5 2	0 41	20 44	0 41	11 19	1 35	0 14	0 43	9 9
F 13	21 30	15 29	5 6	21 5	2 20	22 8	1 6	4 44	0 40	20 44	0 41	11 20	1 35	0 15	0 43	9 10
S 14	21 20	10 44	5 7	21 15	2 11	22 14	1 3	4 25	0 39	20 43	0 41	11 22	1 36	0 16	0 43	9 10
S 15	21 9	5 39	4 53	21 24	2 2	22 20	1 0	4 6	0 38	20 43	0 41	11 23	1 36	0 16	0 43	9 11
M16	20 58	0 28	4 27	21 33	1 52	22 25	0 58	3 48	0 37	20 43	0 40	11 24	1 36	0 17	0 43	9 11
T 17	20 46	4s41	3 49	21 41	1 42	22 29	0 55	3 29	0 36	20 42	0 40	11 26	1 36	0 18	0 43	9 11
W18	20 34	9 38	3 1	21 49	1 33	22 33	0 52	3 10	0 35	20 42	0 40	11 27	1 36	0 19	0 43	9 12
T 19	20 22	14 15	2 6	21 57	1 23	22 36	0 50	2 52	0 34	20 42	0 40	11 28	1 37	0 20	0 43	9 12
F 20	20 9	18 21	1 5	22 4	1 13	22 38	0 47	2 33	0 33	20 42	0 39	11 30	1 37	0 20	0 43	9 13
S 21	19 56	21 45	0 0	22 11	1 4	22 40	0 44	2 14	0 32	20 42	0 39	11 31	1 37	0 21	0 43	9 13
S 22	19 43	24 13	1s 6	22 16	0 54	22 41	0 41	1 56	0 31	20 42	0 39	11 33	1 37	0 22	0 42	9 14
M23	19 29	25 32	2 10	22 21	0 45	22 41	0 39	1 37	0 30	20 42	0 39	11 34	1 37	0 23	0 42	9 14
T 24	19 15	25 31	3 9	22 25	0 36	22 41	0 36	1 18	0 29	20 42	0 38	11 36	1 37	0 24	0 42	9 15
W25	19 0	24 3	3 59	22 28	0 27	22 40	0 33	0 59	0 28	20 42	0 38	11 38	1 38	0 25	0 42	9 15
T 26	18 45	21 10	4 37	22 30	0 18	22 38	0 30	0 41	0 27	20 42	0 38	11 39	1 38	0 25	0 42	9 16
F 27	18 30	17 2	4 59	22 30	0 9	22 36	0 27	0 22	0 26	20 42	0 38	11 41	1 38	0 26	0 42	9 16
S 28	18 14	11 55	5 3	22 30	0 1	22 32	0 24	0 3	0 25	20 42	0 38	11 43	1 38	0 27	0 42	9 17
S 29	17 59	6 9	4 50	22 29	0s 8	22 29	0 22	0n15	0 24	20 42	0 37	11 44	1 38	0 28	0 42	9 17
M30	17 42	0 2	4 18	22 26	0 16	22 24	0 19	0 34	0 23	20 42	0 37	11 46	1 38	0 29	0 42	9 18
T 31	17s26	6n 6	3s30	22s23	0s24	22s19	0n16	0n52	0s22	20n43	0s37	11n48	1n39	0n30	0s42	9n19

Julian Day Number = 2486608.5, Delta T = 91.36 sec
 Ecliptic obliquity = 23°25'39, Nutation = - 0°00'15, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 26°04'54, Lahiri = 25°11'54

ASTRODIENST EPHEMERIS for the year 2096

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FEBRUARY 2096

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 45 2	12 ²⁸ 7'57	8 ¹⁸ 17	21 ²⁸ 2	16 ²⁸ 17	3 ¹⁷ 48	6 ¹¹ 6	3 ¹⁰ 19	2 ¹⁷ 56	7 ¹⁰ 50	28 ¹⁷ 31	7 ¹⁰ 37	6 ¹¹ 39	3 ¹¹ 6	29 ¹⁰ 6	W 1
T 2	8 48 59	13 ³⁰ 8'52	22 ²⁰ 20	22 ²⁰ 25	17 ³¹ 31	4 ³³ 33	6 ¹⁰ 6	3 ¹⁰ 14	2 ⁵⁸ 58	7 ¹⁰ 48	28 ³² 32	7 ¹⁰ 38	6 ³⁶ 36	3 ¹³ 13	29 ¹⁰ 4	T 2
F 3	8 52 55	14 ³⁰ 9'46	6 ¹¹ 18	23 ⁵⁰ 50	18 ⁴⁶ 46	5 ¹⁷ 17	6 ¹⁰ 7	3 ¹⁰ 10	3 ¹⁰ 1	7 ¹⁰ 47	28 ³² 32	7 ¹⁰ 38	6 ³³ 33	3 ¹⁹ 19	29 ¹⁰ 2	F 3
S 4	8 56 52	15 ¹⁰ 10'38	20 ¹⁰ 10	25 ¹⁶ 16	20 ¹⁰ 1	6 ¹⁰ 2	6 ¹⁰ 8	3 ¹⁰ 6	3 ¹⁰ 3	7 ¹⁰ 45	28 ³³ 33	7 ¹⁰ 37	6 ³⁰ 30	3 ²⁶ 26	28 ⁵⁹ 59	S 4
S 5	9 0 48	16 ¹¹ 11'29	3 ²⁸ 56	26 ⁴³ 43	21 ¹⁵ 15	6 ⁴⁶ 46	6 ¹⁰ 9	3 ¹⁰ 1	3 ¹⁰ 6	7 ¹⁰ 44	28 ³³ 33	7 ¹⁰ 35	6 ²⁷ 27	3 ³³ 33	28 ⁵⁷ 57	S 5
M 6	9 4 45	17 ¹² 12'19	17 ³³ 33	28 ¹⁰ 10	22 ³⁰ 30	7 ³¹ 31	6 ¹⁰ 10	2 ⁵⁷ 57	3 ¹⁰ 8	7 ¹⁰ 42	28 ³⁴ 34	7 ¹⁰ 29	6 ²⁴ 24	3 ³⁹ 39	28 ⁵⁴ 54	M 6
T 7	9 8 41	18 ¹³ 13'07	1 ¹⁰ 0	29 ³⁹ 39	23 ⁴⁴ 44	8 ¹⁵ 15	6 ¹² 12	2 ⁵² 52	3 ¹¹ 11	7 ¹⁰ 41	28 ³⁴ 34	7 ¹⁰ 21	6 ²⁰ 20	3 ⁴⁶ 46	28 ⁵¹ 51	T 7
W 8	9 12 38	19 ¹³ 13'54	14 ¹⁶ 16	1 ¹⁰ 8	24 ⁵⁹ 59	9 ¹⁰ 10	6 ¹³ 13	2 ⁴⁷ 47	3 ¹⁴ 14	7 ¹⁰ 39	28 ³⁵ 35	7 ¹⁰ 10	6 ¹⁷ 17	3 ⁵³ 53	28 ⁴⁸ 48	W 8
T 9	9 16 34	20 ¹⁴ 14'40	27 ¹⁸ 18	2 ³⁸ 38	26 ¹⁴ 14	9 ⁴⁴ 44	6 ¹⁵ 15	2 ⁴³ 43	3 ¹⁶ 16	7 ¹⁰ 37	28 ³⁶ 36	6 ⁵⁷ 57	6 ¹⁴ 14	3 ⁵⁹ 59	28 ⁴⁵ 45	T 9
F 10	9 20 31	21 ¹⁵ 15'25	10 ¹⁰ 5	4 ¹⁰ 9	27 ²⁸ 28	10 ²⁸ 28	6 ¹⁷ 17	2 ³⁸ 38	3 ¹⁹ 19	7 ¹⁰ 36	28 ³⁶ 36	6 ⁴⁴ 44	6 ¹¹ 11	4 ⁶ 6	28 ⁴² 42	F 10
S 11	9 24 28	22 ¹⁶ 16'08	22 ³⁷ 37	5 ⁴¹ 41	28 ⁴³ 43	11 ¹³ 13	6 ¹⁹ 19	2 ³³ 33	3 ²² 22	7 ¹⁰ 34	28 ³⁷ 37	6 ³¹ 31	6 ¹⁰ 10	4 ¹³ 13	28 ³⁹ 39	S 11
S 12	9 28 24	23 ¹⁶ 16'50	4 ¹⁰ 54	7 ¹³ 13	29 ⁵⁷ 57	11 ⁵⁷ 57	6 ²² 22	2 ²⁹ 29	3 ²⁵ 25	7 ¹⁰ 33	28 ³⁸ 38	6 ²¹ 21	6 ¹⁰ 10	4 ¹⁹ 19	28 ³⁶ 36	S 12
M13	9 32 21	24 ¹⁷ 17'31	16 ⁵⁸ 58	8 ⁴⁷ 47	1 ¹⁰ 12	12 ⁴¹ 41	6 ²⁵ 25	2 ²⁴ 24	3 ²⁸ 28	7 ¹⁰ 31	28 ³⁸ 38	6 ¹² 12	6 ¹⁰ 10	4 ²⁶ 26	28 ³³ 33	M13
T 14	9 36 17	25 ¹⁸ 18'11	28 ⁵² 52	10 ²¹ 21	2 ²⁷ 27	13 ²⁵ 25	6 ²⁷ 27	2 ¹⁹ 19	3 ³⁰ 30	7 ¹⁰ 29	28 ³⁹ 39	6 ¹⁰ 10	5 ⁵⁸ 58	4 ³³ 33	28 ²⁹ 29	T 14
W15	9 40 14	26 ¹⁸ 18'50	10 ¹⁰ 41	11 ⁵⁶ 56	3 ⁴¹ 41	14 ¹⁰ 10	6 ³⁰ 30	2 ¹⁴ 14	3 ³³ 33	7 ¹⁰ 28	28 ⁴⁰ 40	6 ¹⁰ 10	5 ⁵⁵ 55	4 ³⁹ 39	28 ²⁶ 26	W15
T 16	9 44 10	27 ¹⁹ 19'27	22 ³⁰ 30	13 ³² 32	4 ⁵⁶ 56	14 ⁵⁴ 54	6 ³⁴ 34	2 ¹⁰ 10	3 ³⁶ 36	7 ¹⁰ 26	28 ⁴⁰ 40	6 ¹⁰ 10	5 ⁵² 52	4 ⁴⁶ 46	28 ²³ 23	T 16
F 17	9 48 7	28 ²⁰ 20'04	4 ¹⁰ 23	15 ¹⁰ 9	6 ¹¹ 11	15 ³⁸ 38	6 ³⁷ 37	2 ¹⁰ 10	3 ³⁹ 39	7 ¹⁰ 25	28 ⁴¹ 41	6 ¹⁰ 10	5 ⁴⁹ 49	4 ⁵³ 53	28 ¹⁹ 19	F 17
S 18	9 52 3	29 ²⁰ 20'39	16 ²⁷ 27	16 ⁴⁷ 47	7 ²⁵ 25	16 ²² 22	6 ⁴¹ 41	2 ¹⁰ 10	3 ⁴² 42	7 ¹⁰ 23	28 ⁴² 42	6 ¹⁰ 10	5 ⁴⁵ 45	4 ⁵⁹ 59	28 ¹⁵ 15	S 18
S 19	9 56 0	0 ¹⁰ 21'13	28 ⁴⁷ 47	18 ²⁵ 25	8 ⁴⁰ 40	17 ¹⁰ 10	6 ⁴⁴ 44	1 ⁵⁵ 55	3 ⁴⁵ 45	7 ¹⁰ 21	28 ⁴³ 43	6 ¹⁰ 10	5 ⁴² 42	5 ¹⁰ 10	28 ¹¹ 11	S 19
M20	9 59 57	1 ²¹ 21'46	11 ²⁸ 28	20 ¹⁰ 10	9 ⁵⁵ 55	17 ⁵⁰ 50	6 ⁴⁸ 48	1 ⁵⁰ 50	3 ⁴⁸ 48	7 ¹⁰ 20	28 ⁴⁴ 44	5 ⁵⁷ 57	5 ³⁹ 39	5 ¹³ 13	28 ⁸ 8	M20
T 21	10 3 53	2 ²² 22'18	24 ³³ 33	21 ⁴⁵ 45	11 ¹⁰ 10	18 ³⁴ 34	6 ⁵³ 53	1 ⁴⁵ 45	3 ⁵¹ 51	7 ¹⁰ 18	28 ⁴⁴ 44	5 ⁵¹ 51	5 ³⁶ 36	5 ¹⁹ 19	28 ⁴ 4	T 21
W22	10 7 50	3 ²² 22'48	8 ¹⁰ 3	23 ²⁷ 27	12 ²⁴ 24	19 ¹⁸ 18	6 ⁵⁷ 57	1 ⁴⁰ 40	3 ⁵⁴ 54	7 ¹⁰ 16	28 ⁴⁵ 45	5 ⁴¹ 41	5 ³³ 33	5 ²⁶ 26	28 ⁰ 0	W22
T 23	10 11 46	4 ²³ 23'16	21 ⁵⁸ 58	25 ¹⁰ 10	13 ³⁸ 38	20 ¹⁰ 10	7 ¹⁰ 10	1 ³⁵ 35	3 ⁵⁷ 57	7 ¹⁰ 15	28 ⁴⁶ 46	5 ³⁰ 30	5 ²⁹ 29	5 ³³ 33	27 ⁵⁶ 56	T 23
F 24	10 15 43	5 ²³ 23'44	6 ¹⁰ 14	26 ⁵² 52	14 ⁵³ 53	20 ⁴⁶ 46	7 ¹⁰ 10	1 ³¹ 31	4 ¹⁰ 10	7 ¹⁰ 13	28 ⁴⁷ 47	5 ¹⁷ 17	5 ²⁶ 26	5 ³⁹ 39	27 ⁵² 52	F 24
S 25	10 19 39	6 ²⁴ 24'09	20 ⁴⁶ 46	28 ³⁶ 36	16 ¹⁰ 10	21 ³⁰ 30	7 ¹¹ 11	1 ²⁶ 26	4 ¹⁰ 10	7 ¹¹ 11	28 ⁴⁸ 48	5 ¹⁰ 10	5 ²³ 23	5 ⁴⁶ 46	27 ⁴⁷ 47	S 25
S 26	10 23 36	7 ²⁴ 24'33	5 ¹⁷ 25	0 ¹⁰ 21	17 ²² 22	22 ¹³ 13	7 ¹⁶ 16	1 ²¹ 21	4 ¹⁰ 10	7 ¹⁰ 10	28 ⁴⁹ 49	4 ⁵⁴ 54	5 ²⁰ 20	5 ⁵² 52	27 ⁴³ 43	S 26
M27	10 27 32	8 ²⁴ 24'54	20 ¹⁰ 10	2 ¹⁰ 7	18 ³⁷ 37	22 ⁵⁷ 57	7 ²¹ 21	1 ¹⁶ 16	4 ¹⁰ 10	7 ¹⁰ 8	28 ⁵⁰ 50	4 ⁴⁷ 47	5 ¹⁷ 17	5 ⁵⁹ 59	27 ³⁹ 39	M27
T 28	10 31 29	9 ²⁵ 25'14	4 ¹⁰ 39	3 ⁵⁵ 55	19 ⁵² 52	23 ⁴¹ 41	7 ²⁷ 27	1 ¹¹ 11	4 ¹³ 13	7 ¹⁰ 6	28 ⁵¹ 51	4 ⁴² 42	5 ¹⁴ 14	6 ¹⁰ 10	27 ³⁵ 35	T 28
W29	10 35 26	10 ¹⁰ 25'32	19 ¹⁰ 8	5 ¹⁰ 43	21 ¹⁰ 10	24 ¹⁰ 25	7 ¹¹ 32	1 ¹⁰ 7	4 ¹⁷ 16	7 ¹⁰ 4	28 ⁵² 52	4 ¹¹ 39	5 ¹¹ 10	6 ¹¹ 12	27 ³⁰ 30	W29

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
W 1	17s 9	11n54	2s30	22s18	0s31	22s13	0n13	1n11	0s21	20n43	0s37	11n49	1n39	0n31	0s42	9n19	0n45	4s53	16s54	21n34	21n25	9s52	3s44	4s27	
T 2	16 52	17 3	1 21	22 12	0 39	22 6	0 10	1 30	0 20	20 43	0 36	11 51	1 39	0 32	0 42	9 20	0 45	4 52	16 54	21 34	21 24	9 54	3 43	4 28	
F 3	16 34	21 14	0 7	22 5	0 46	21 59	0 8	1 48	0 19	20 44	0 36	11 53	1 39	0 33	0 42	9 20	0 45	4 52	16 53	21 34	21 24	9 57	3 42	4 28	
S 4	16 17	24 10	1n 6	21 56	0 53	21 51	0 5	2 7	0 18	20 44	0 36	11 54	1 39	0 34	0 42	9 21	0 45	4 51	16 53	21 34	21 23	10 0	3 41	4 28	
S 5	15 59	25 37	2 15	21 46	0 59	21 43	0 2	2 25	0 18	20 44	0 36	11 56	1 39	0 35	0 42	9 21	0 45	4 51	16 53	21 34	21 22	10 3	3 41	4 28	
M 6	15 40	25 30	3 15	21 35	1 6	21 34	0s 1	2 43	0 17	20 45	0 35	11 58	1 40	0 36	0 42	9 22	0 45	4 50	16 52	21 33	21 22	10 6	3 40	4 28	
T 7	15 22	23 53	4 3	21 23	1 12	21 24	0 3	3 2	0 16	20 45	0 35	12 0	1 40	0 37	0 42	9 23	0 45	4 50	16 52	21 32	21 21	10 9	3 39	4 28	
W 8	15 3	20 58	4 38	21 10	1 18	21 13	0 6	3 20	0 15	20 46	0 35	12 2	1 40	0 39	0 42	9 23	0 45	4 49	16 52	21 30	21 21	10 12	3 37	4 28	
T 9	14 44	17 3	4 57	20 55	1 23	21 2	0 9	3 38	0 14	20 46	0 35	12 3	1 40	0 40	0 42	9 24	0 45	4 49	16 51	21 28	21 20	10 15	3 36	4 28	
F 10	14 24	12 25	5 0	20 39	1 28	20 51	0 11	3 57	0 13	20 47	0 34	12 5	1 40	0 41	0 42	9 24	0 45	4 48	16 51	21 25	21 20	10 18	3 35	4 28	
S 11	14 5	7 22	4 49	20 21	1 33	20 38	0 14	4 15	0 12	20 48	0 34	12 7	1 40	0 42	0 42	9 25	0 45	4 48	16 51	21 23	21 19	10 21	3 34	4 28	
S 12	13 45	2 7	4 25	20 2	1 38	20 25	0 17	4 33	0 11	20 48	0 34	12 9	1 40	0 43	0 42	9 26	0 45	4 47	16 50	21 21	21 19	10 24	3 33	4 28	
M13	13 25	3s 8	3 49	19 42	1 42	20 12	0 19	4 51	0 10	20 49	0 34	12 11	1 40	0 44	0 42	9 26	0 45	4 47	16 50	21 20	21 18	10 27	3 32	4 28	
T 14	13 5	8 13	3 3	19 21	1 46	19 58	0 22	5 9	0 10	20 50	0 34	12 13	1 41	0 45	0 42	9 27	0 45	4 46	16 50	21 19	21 18	10 30	3 30	4 28	
W15	12 44	12 58	2 10	18 58	1 50	19 43	0 24	5 27	0 9	20 50	0 33	12 14	1 41	0 46	0 42	9 28	0 45	4 46	16 49	21 19	21 17	10 33	3 29	4 28	
T 16	12 24	17 14	1 11	18 34	1 54	19 28	0 27	5 45	0 8	20 51	0 33	12 16	1 41	0 48	0 42	9 28	0 45	4 45	16 49	21 18	21 16	10 36	3 28	4 28	
F 17	12 3	20 52	0 9	18 8	1 57	19 12	0 29	6 3	0 7	20 52	0 33	12 18	1 41	0 49	0 42	9 29	0 45	4 44	16 49	21 18	21 16	10 39	3 26	4 28	
S 18	11 42	23 39	0s55	17 42	1 59	18 55	0 32	6 20	0 6	20 53	0 33	12 20	1 41	0 50	0 42	9 29	0 45	4 44	16 48	21 18	21 15	10 41	3 25	4 28	
S 19	11 21	25 23	1 57	17 14	2 2	18 38	0 34	6 38	0 5	20 53	0 32	12 22	1 41	0 51	0 42	9 30	0 45	4 43	16 48	21 18	21 15	10 44	3 23	4 28	
M20	10 59	25 51	2 56	16 44	2 4	18 21	0 37	6 55	0 5	20 54	0 32	12 23	1 41	0 52	0 42	9 31	0 45	4 43	16 48	21 17	21 14	10 47	3 22	4 28	
T 21	10 38	24 55	3 46	16 13	2 5	18 3	0 39	7 13	0 4	20 55	0 32	12 25	1 41	0 54	0 42	9 31	0 45	4 42	16 47	21 16	21 14	10 50	3 20	4 28	
W22	10 16	22 32	4 26	15 41	2 6	17 44	0 41	7 30	0 3	20 56	0 32	12 27	1 41	0 55	0 42	9 32	0 45	4 42	16 47	21 15	21 13	10 53	3 18	4 28	
T 23	9 54	18 47	4 52	15 8	2 7	17 25	0 44	7 48	0 2	20 57	0 32	12 29	1 41	0 56	0 42	9 33	0 45	4 41	16 47	21 13	21 13	10 56	3 17	4 28	
F 24	9 32	13 52	5 0	14 33	2 8	17 5	0 46	8 5	0 1	20 58	0 31	12 31	1 41	0 57	0 42	9 33	0 45	4 41	16 46	21 10	21 12	10 59	3 15	4 28	
S 25	9 10	8 5	4 49	13 57	2 7	16 45	0 48	8 22	0 0	20 59	0 31	12 33	1 42	0 59	0 42	9 34	0 45	4 40	16 46	21 8	21 11	11 2	3 13	4 28	
S 26	8 47	1 49	4 19	13 19	2 7	16 25	0 50	8 39	0n 0	21 0	0 31	12 34	1 42	1 0	0 42	9 35	0 45	4 39	16 46	21 6	21 11	11 5	3 12	4 28	
M27	8 25	4n34	3 32	12 40	2 6	16 4	0 52	8 56	0 1	21 1	0 31	12 36	1 42	1 1	0 42	9 35	0 45	4 39	16 46	21 5	21 10	11 8	3 10	4 28	
T 28	8 2	10 41	2 31	12 0	2 5	15 42	0 54	9 13	0 2	21 2	0 31	12 38	1 42	1 2	0 41	9 36	0 45	4 38	16 45	21 4	21 10	11 11	3 8	4 28	
W29	7s39	16n10	1s22	11s19	2s 3	15s21	0s56	9n30	0n 3	21n 3	0s30	12n40	1n42	1n 4	0s41	9n36	0n45	4s38	16s45	21n 4	21n 9	11s14	3s 6	4s28	

ASTRODIENST EPHEMERIS for the year 2096
geocentric

MARCH 2096

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 39 22	11°45'48"	3°11'11"	7°32'32"	22°28'21"	25°57'08"	7°11'38"	1°02'02"	4°19'19"	7°03'03"	28°53'53"	4°03'39"	5°11'07"	6°11'19"	27°02'26"	T 1
F 2	10 43 19	12°26'02"	17°00'05"	9°22'23"	23°36'25"	25°52'07"	7°44'00"	0°57'17"	4°22'07"	7°01'17"	28°54'41"	4°03'39"	5°04'06"	6°26'27"	27°02'21"	F 2
S 3	10 47 15	13°26'14"	0°46'00"	11°13'24"	24°50'26"	26°35'07"	7°50'00"	0°52'04"	4°26'06"	6°59'28"	28°55'40"	4°38'05"	5°01'06"	6°32'27"	27°17'03"	S 3
S 4	10 51 12	14°26'24"	14°14'00"	13°05'26"	26°05'27"	27°19'08"	7°56'00"	0°48'04"	4°29'06"	6°58'28"	28°56'40"	4°35'04"	4°58'06"	6°39'27"	27°12'03"	S 4
M 5	10 55 08	15°26'32"	27°30'00"	14°58'27"	27°19'28"	28°02'08"	8°02'04"	0°43'04"	4°32'06"	6°56'28"	28°57'42"	4°29'04"	4°55'06"	6°46'27"	27°08'03"	M 5
T 6	10 59 05	16°26'37"	10°43'34"	16°52'28"	28°34'28"	28°46'08"	8°09'00"	0°39'04"	4°36'06"	6°55'28"	28°58'42"	4°21'04"	4°51'06"	6°52'27"	27°03'03"	T 6
W 7	11 03 01	17°26'41"	23°27'00"	18°47'29"	29°48'29"	29°29'08"	8°16'00"	0°34'04"	4°39'06"	6°53'28"	28°59'40"	4°10'04"	4°48'06"	6°59'26"	26°59'03"	W 7
T 8	11 06 58	18°26'42"	6°09'09"	20°42'11"	3°00'08"	0°13'00"	8°23'00"	0°30'04"	4°42'06"	6°51'29"	29°00'30"	3°57'04"	4°45'06"	7°06'26"	26°54'03"	T 8
F 9	11 10 55	19°26'42"	18°40'00"	22°39'21"	2°18'00"	0°56'08"	8°30'00"	0°25'04"	4°45'06"	6°50'29"	29°01'30"	3°43'04"	4°42'06"	7°12'26"	26°49'03"	F 9
S 10	11 14 51	20°26'40"	0°45'59"	24°36'30"	3°32'00"	1°39'08"	8°37'00"	0°21'04"	4°49'06"	6°48'29"	29°02'30"	3°30'04"	4°39'06"	7°19'26"	26°44'03"	S 10
S 11	11 18 48	21°26'36"	13°08'26"	26°33'04"	4°47'00"	2°22'08"	8°44'00"	0°16'04"	4°52'06"	6°46'29"	29°03'30"	3°19'04"	4°35'06"	7°26'26"	26°40'03"	S 11
M 12	11 22 44	22°26'30"	25°07'28"	28°31'06"	6°01'03"	3°06'08"	8°51'00"	0°12'04"	4°56'06"	6°45'29"	29°05'30"	3°11'04"	4°32'06"	7°32'26"	26°35'03"	M 12
T 13	11 26 41	23°26'22"	6°11'58"	0°09'29"	7°16'30"	3°49'08"	8°59'00"	0°08'04"	4°59'06"	6°43'29"	29°06'30"	3°05'04"	4°29'06"	7°39'26"	26°30'03"	T 13
W 14	11 30 37	24°26'13"	18°46'20"	2°27'08"	8°30'40"	4°32'09"	9°07'00"	0°04'04"	5°02'06"	6°42'29"	29°07'30"	3°02'04"	4°26'06"	7°46'26"	26°26'03"	W 14
T 15	11 34 34	25°26'01"	0°47'34"	4°24'09"	9°45'05"	5°15'09"	9°15'00"	29°09'59"	5°06'04"	6°40'29"	29°08'30"	3°00'04"	4°23'06"	7°52'26"	26°21'03"	T 15
F 16	11 38 30	26°25'49"	12°26'06"	6°21'10"	10°59'05"	5°58'09"	9°23'00"	29°55'05"	5°09'04"	6°38'29"	29°09'30"	3°01'04"	4°20'06"	7°59'26"	26°16'03"	F 16
S 17	11 42 27	27°25'34"	24°28'08"	8°18'12"	12°14'06"	6°41'09"	9°31'00"	29°51'05"	5°12'04"	6°37'29"	29°10'30"	3°01'04"	4°16'06"	8°06'26"	26°11'03"	S 17
S 18	11 46 23	28°25'18"	6°34'10"	10°12'13"	13°28'07"	7°24'09"	9°39'00"	29°47'05"	5°16'04"	6°35'29"	29°12'30"	3°01'04"	4°13'06"	8°12'26"	26°06'03"	S 18
M 19	11 50 20	29°25'00"	19°24'12"	12°06'14"	14°43'08"	8°07'09"	9°48'00"	29°43'05"	5°19'04"	6°34'29"	29°13'30"	2°59'04"	4°10'06"	8°19'26"	26°02'03"	M 19
T 20	11 54 17	0°09'24"	2°28'28"	13°57'15"	15°57'08"	8°50'09"	9°56'00"	29°40'05"	5°23'04"	6°32'29"	29°14'30"	2°55'04"	4°07'06"	8°26'26"	25°57'03"	T 20
W 21	11 58 13	1°24'19"	15°59'15"	15°46'17"	17°12'09"	9°32'10"	10°05'00"	29°36'05"	5°26'04"	6°31'29"	29°15'30"	2°48'04"	4°04'06"	8°32'26"	25°52'03"	W 21
T 22	12 02 10	2°23'56"	29°59'17"	17°32'18"	18°26'10"	10°15'10"	10°14'00"	29°32'05"	5°30'04"	6°29'29"	29°17'30"	2°40'04"	4°01'06"	8°39'26"	25°47'03"	T 22
F 23	12 06 06	3°23'31"	14°42'25"	19°14'19"	19°41'10"	10°58'10"	10°23'00"	29°29'05"	5°33'04"	6°28'29"	29°18'30"	3°57'04"	3°57'06"	8°46'26"	25°43'03"	F 23
S 24	12 10 03	4°23'04"	29°11'20"	20°53'20"	20°55'11"	11°41'10"	10°32'00"	29°25'05"	5°36'04"	6°26'29"	29°19'30"	2°21'04"	3°54'06"	8°52'26"	25°38'03"	S 24
S 25	12 13 59	5°22'35"	14°09'11"	22°28'10"	22°10'12"	12°23'10"	10°41'00"	29°22'05"	5°40'04"	6°25'29"	29°20'30"	2°13'04"	3°51'06"	8°59'26"	25°33'03"	S 25
M 26	12 17 56	6°22'04"	29°14'23"	23°58'23"	23°24'13"	13°06'10"	10°50'00"	29°18'05"	5°43'04"	6°24'29"	29°22'30"	2°07'04"	3°48'06"	9°06'26"	25°29'03"	M 26
T 27	12 21 52	7°21'31"	14°48'11"	25°22'24"	24°39'13"	13°48'11"	11°00'00"	29°15'05"	5°47'04"	6°22'29"	29°23'30"	2°03'04"	3°45'06"	9°12'26"	25°24'03"	T 27
W 28	12 25 49	8°20'55"	28°54'26"	26°42'25"	25°53'14"	14°31'11"	11°09'00"	29°12'05"	5°50'04"	6°21'29"	29°24'30"	2°02'04"	3°41'06"	9°19'26"	25°19'03"	W 28
T 29	12 29 46	9°20'18"	13°11'29"	27°55'27"	27°08'15"	15°13'11"	11°19'00"	29°08'05"	5°54'04"	6°19'29"	29°26'30"	2°02'04"	3°38'06"	9°26'26"	25°15'03"	T 29
F 30	12 33 42	10°19'38"	27°24'29"	28°22'29"	28°22'29"	15°56'11"	11°29'00"	29°05'05"	5°57'04"	6°18'29"	29°27'30"	2°03'04"	3°35'06"	9°32'26"	25°10'03"	F 30
S 31	12 37 39	11°18'56"	11°47'07"	0°48'00"	29°46'36"	16°48'38"	11°11'38"	29°02'02"	6°00'04"	6°17'29"	29°28'30"	2°04'04"	3°11'06"	9°39'26"	25°06'03"	S 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	decl	lat
T 1	7s16	20n39	0s 8	10s36	2s 0	14s58	0s58	9n47	0n 4	21n 5	0s30	12n41	1n42	1n 5	0s41	9n37	0n45	4s37	16s45	21n 3	21n 9	11s16	3s 4	4s27					
F 2	6 54	23 53	1n 5	9 52	1 58	14 36	1 0	10 3	0 4	21 6	0 30	12 43	1 42	1 6	0 41	9 38	0 45	4 36	16 45	21 3	21 8	11 19	3 2	4 27					
S 3	6 30	25 39	2 13	9 7	1 54	14 12	1 2	10 20	0 5	21 7	0 30	12 45	1 42	1 8	0 41	9 38	0 45	4 36	16 44	21 3	21 7	11 22	3 0	4 27					
S 4	6 7	25 52	3 13	8 20	1 50	13 49	1 3	10 36	0 6	21 8	0 30	12 46	1 42	1 9	0 41	9 39	0 45	4 35	16 44	21 3	21 7	11 25	2 58	4 27					
M 5	5 44	24 35	4 1	7 33	1 46	13 25	1 5	10 53	0 7	21 9	0 29	12 48	1 42	1 10	0 41	9 40	0 45	4 35	16 44	21 2	21 6	11 28	2 56	4 27					
T 6	5 21	22 0	4 36	6 44	1 41	13 1	1 7	11 9	0 7	21 11	0 29	12 50	1 42	1 11	0 41	9 40	0 45	4 34	16 44	21 0	21 6	11 31	2 54	4 27					
W 7	4 57	18 20	4 56	5 54	1 35	12 36	1 8	11 25	0 8	21 12	0 29	12 51	1 42	1 13	0 41	9 41	0 45	4 34	16 43	20 58	21 5	11 34	2 52	4 26					
T 8	4 34	13 54	5 0	5 3	1 29	12 11	1 10	11 41	0 9	21 13	0 29	12 53	1 42	1 14	0 41	9 41	0 45	4 33	16 43	20 56	21 5	11 37	2 50	4 26					
F 9	4 11	8 56	4 51	4 11	1 23	11 46	1 11	11 57	0 10	21 14	0 29	12 55	1 42	1 15	0 41	9 42	0 45	4 32	16 43	20 53	21 4	11 40	2 48	4 26					
S 10	3 47	3 42	4 27	3 18	1 15	11 20	1 13	12 12	0 10	21 16	0 28	12 56	1 42	1 17	0 41	9 43	0 45	4 32	16 43	20 51	21 3	11 43	2 46	4 26					
S 11	3 23	1s37	3 52	2 24	1 7	10 54	1 14	12 28	0 11	21 17	0 28	12 58	1 42	1 18	0 41	9 43	0 45	4 31	16 42	20 49	21 3	11 45	2 44	4 26					
M 12	3 0	6 49	3 7	1 30	0 59	10 28	1 16	12 43	0 12	21 18	0 28	12 59	1 42	1 19	0 41	9 44	0 45	4 31	16 42	20 47	21 2	11 48	2 42	4 25					
T 13	2 36	11 44	2 14	0 35	0 50	10 2	1 17	12 59	0 12	21 20	0 28	13 1	1 42	1 21	0 41	9 44	0 45	4 30	16 42	20 46	21 2	11 51	2 40	4 25					
W 14	2 13	16 12	1 15	0n21	0 41	9 35	1 18	13 14	0 13	21 21	0 28	13 2	1 42	1 22	0 41	9 45	0 45	4 29	16 42	20 45	21 1	11 54	2 38	4 25					
T 15	1 49	20 3	0 13	1 17	0 31	9 8	1 19	13 29	0 14	21 22	0 27	13 4	1 42	1 23	0 41	9 46	0 45	4 29	16 41	20 45	21 0	11 57	2 36	4 24					
F 16	1 25	23 6	0s50	2 13	0 20	8 41	1 20	13 44	0 15	21 24	0 27	13 5	1 42	1 25	0 41	9 46	0 45	4 28	16 41	20 45	21 0	12 0	2 33	4 24					
S 17	1 1	25 11	1 52	3 9	0 9	8 13	1 21	13 59	0 15	21 25	0 27	13 7	1 42	1 26	0 41	9 47	0 45	4 28	16 41	20 45	20 59	12 3	2 31	4 24					
S 18	0 38	26 5	2 50	4 4	0n 2	7 45	1 22	14 14	0 16	21 27	0 27	13 8	1 42	1 28	0 41	9 47	0 45	4 27	16 41	20 45	20 59	12 6	2 29	4 24					
M 19	0 14	25 41	3 41	4 59	0 14	7 17	1 23	14 28	0 17	21 28	0 27	13 9	1 42	1 29	0 41	9 48	0 45	4 26	16 41	20 45	20 58	12 8	2 27	4 23					
T 20	0n10	23 52	4 23	5 54	0 26	6 49	1 24	14 42	0 17	21 30	0 27	13 11	1 42	1 30	0 41	9 48	0 45	4 26	16 41	20 44	20 58	12 11	2 25	4 23					
W 21	0 34	20 40	4 52	6 47	0 38	6 21	1 24	14 57	0 18	21 31	0 26	13 12	1 42	1 32	0 41	9 49	0 45	4 25	16 40	20 43	20 57	12 14	2 22	4 22					
T 22	0 57	16 13	5 4	7 39	0 50	5 53	1 25	15 11	0 19	21 32	0 26	13 13	1 42	1 33	0 41	9 50	0 45	4 25	16 40	20 41	20 56	12 17	2 20	4 22					
F 23	1 21	10 43	4 58	8 30	1 3	5 24	1 26	15 25	0 19	21 34	0 26	13 15	1 42	1 34	0 41	9 50	0 45	4 24	16 40	20 39	20 56	12 20	2 18	4 22					
S 24	1 45	4 29	4 32	9 19	1 15	4 55	1 26	15 39	0 20	21 35	0 26	13 16	1 42	1 36	0 41	9 51	0 45	4 24	16 40	20 37	20 55	12 23	2 16	4 21					
S 25	2 8	2n 6	3 47	10 6	1 28	4 26	1 27	15 52	0 21	21 37	0 26	13 17	1 42	1 37	0 41	9 51	0 45	4 23	16 40	20 36	20 55	12 26	2 14	4 21					
M 26	2 32	8 36	2 46	10 50	1 40	3 57	1 27	16 6	0 22	21 38	0 25	13 18	1 42	1 38	0 41	9 52	0 45	4 22	16 40	20 34	20 54	12 29	2 11	4 21					
T 27	2 55	14 35	1 34	11 32	1 51	3 28	1 27	16 19	0 21	21 40	0 25	13 19	1 42	1 40	0 41	9 52	0 45	4 22	16 39	20 34	20 53	12 31	2 9	4 20					
W 28	3 19	19 38	0 17	12 12	2 3	2 59	1 28	16 33	0 23	21 41	0 25	13 20	1 42	1 41	0 41	9 53	0 45	4 21	16 39	20 33	20 53	12 34	2 7	4 20					
T 29	3 42	23 23	1n 0	12 48	2 13	2 29	1 28	16 46	0 23	21 43	0 25	13 21	1 42	1 43	0 41	9 53	0 45	4 21	16 39	20 34	20 52	12 37	2 5	4 19					
F 30	4 5	25 36	2 12	13 22	2 24	2 0	1 28	16 59	0 24	21 44	0 25	13 22	1 42	1 44	0 41	9 54	0 45	4 20	16 39	20 34	20 52	12 40	2 3	4 19					
S 31	4n28	26n12	3n14	13n53	2n33	1s30	1s28	17n12	0n24	21n46	0s25	13n23	1n42	1n45	0s41	9n54	0n45	4s20	16s39	20n34	20n51	12s43	2s 0	4s18					

ASTRODIENST EPHEMERIS for the year 2096

geocentric

APRIL 2096

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 41 35	12°18'11"	24°31'	0°58'	0°51'	17°21'	11°48'	29°R 0	6°V 4	6°R16	29°V30	2°R 3	3°II29	9°M46	25°R 1	S 1
M 2	12 45 32	13°17'24"	7°Ω36	1°46'	2° 5'	18° 3'	11°59'	28°Ω57	6° 7'	6°M14	29°31'	2°II 0	3°26'	9°52'	24°M57	M 2
T 3	12 49 28	14°16'35"	20°26'	2°27'	3°19'	18°45'	12° 9'	28°54'	6°11'	6°13'	29°32'	1°55'	3°22'	9°59'	24°53'	T 3
W 4	12 53 25	15°15'43"	3°M 3	3° 1'	4°34'	19°28'	12°19'	28°52'	6°14'	6°12'	29°34'	1°48'	3°19'	10° 6'	24°48'	W 4
T 5	12 57 21	16°14'49"	15°28'	3°28'	5°48'	20°10'	12°29'	28°49'	6°17'	6°11'	29°35'	1°40'	3°16'	10°12'	24°44'	T 5
F 6	13 1 18	17°13'53"	27°42'	3°48'	7° 2'	20°52'	12°40'	28°47'	6°21'	6° 9'	29°36'	1°32'	3°13'	10°19'	24°40'	F 6
S 7	13 5 15	18°12'55"	9°Ω49	4° 0'	8°17'	21°34'	12°51'	28°44'	6°24'	6° 8'	29°38'	1°24'	3°10'	10°26'	24°36'	S 7
S 8	13 9 11	19°11'55"	21°47'	4°R 6	9°31'	22°16'	13° 1'	28°42'	6°28'	6° 7'	29°39'	1°17'	3° 6'	10°32'	24°32'	S 8
M 9	13 13 8	20°10'53"	3°M40	4° 5'	10°45'	22°58'	13°12'	28°40'	6°31'	6° 6'	29°41'	1°12'	3° 3'	10°39'	24°28'	M 9
T 10	13 17 4	21° 9'48"	15°29'	3°58'	12° 0'	23°40'	13°23'	28°38'	6°34'	6° 5'	29°42'	1° 8'	3° 0'	10°45'	24°24'	T 10
W11	13 21 1	22° 8'42"	27°16'	3°44'	13°14'	24°22'	13°34'	28°36'	6°38'	6° 4'	29°43'	1°D 7	2°57'	10°52'	24°20'	W11
T 12	13 24 57	23° 7'35"	9°Ω 5	3°25'	14°28'	25° 4'	13°45'	28°34'	6°41'	6° 3'	29°45'	1° 7'	2°54'	10°59'	24°16'	T 12
F 13	13 28 54	24° 6'25"	20°59'	3° 0'	15°42'	25°46'	13°56'	28°32'	6°44'	6° 2'	29°46'	1° 8'	2°51'	11° 5'	24°12'	F 13
S 14	13 32 50	25° 5'14"	3°Ω 3	2°30'	16°57'	26°27'	14° 7'	28°31'	6°48'	6° 1'	29°47'	1°10'	2°47'	11°12'	24° 9'	S 14
S 15	13 36 47	26° 4'01"	15°20'	1°57'	18°11'	27° 9'	14°19'	28°29'	6°51'	6° 0'	29°49'	1°11'	2°44'	11°19'	24° 5'	S 15
M16	13 40 44	27° 2'46"	27°56'	1°20'	19°25'	27°51'	14°30'	28°28'	6°54'	5°59'	29°50'	1°R12	2°41'	11°25'	24° 2'	M16
T 17	13 44 40	28° 1'29"	10°Ω55	0°40'	20°39'	28°32'	14°41'	28°27'	6°57'	5°58'	29°52'	1°11'	2°38'	11°32'	23°58'	T 17
W18	13 48 37	29° 0'11"	24°20'	29°V58	21°53'	29°14'	14°53'	28°25'	7° 1'	5°57'	29°53'	1° 9'	2°35'	11°39'	23°55'	W18
T 19	13 52 33	29°58'51"	8°Ω14	29°15'	23° 8'	29°56'	15° 5'	28°24'	7° 4'	5°56'	29°54'	1° 6'	2°32'	11°45'	23°52'	T 19
F 20	13 56 30	0°Ω57'30"	22°35'	28°32'	24°22'	0°II37	15°16'	28°23'	7° 7'	5°55'	29°56'	1° 1'	2°28'	11°52'	23°48'	F 20
S 21	14 0 26	1°56'06"	7°V21	27°50'	25°36'	1°19'	15°28'	28°22'	7°10'	5°55'	29°57'	0°57'	2°25'	11°59'	23°45'	S 21
S 22	14 4 23	2°54'41"	22°24'	27° 8'	26°50'	2° 0'	15°40'	28°22'	7°13'	5°54'	29°59'	0°53'	2°22'	12° 5'	23°42'	S 22
M23	14 8 19	3°53'14"	7°Ω36	26°29'	28° 4'	2°42'	15°52'	28°21'	7°17'	5°53'	0°Ω 0	0°51'	2°19'	12°12'	23°39'	M23
T 24	14 12 16	4°51'45"	22°47'	25°52'	29°18'	3°23'	16° 4'	28°20'	7°20'	5°52'	0° 1'	0°49'	2°16'	12°19'	23°37'	T 24
W25	14 16 13	5°50'15"	7°II47	25°19'	0°Ω32	4° 4'	16°16'	28°20'	7°23'	5°52'	0° 3'	0°D49	2°12'	12°25'	23°34'	W25
T 26	14 20 9	6°48'42"	22°29'	24°49'	1°47'	4°46'	16°28'	28°20'	7°26'	5°51'	0° 4'	0°50'	2° 9'	12°32'	23°31'	T 26
F 27	14 24 6	7°47'07"	6°Ω49	24°23'	3° 1'	5°27'	16°40'	28°19'	7°29'	5°51'	0° 6'	0°52'	2° 6'	12°39'	23°29'	F 27
S 28	14 28 2	8°45'30"	20°43'	24° 1'	4°15'	6° 8'	16°53'	28°19'	7°32'	5°50'	0° 7'	0°53'	2° 3'	12°45'	23°26'	S 28
S 29	14 31 59	9°43'51"	4°Ω12	23°44'	5°29'	6°50'	17° 5'	28°D19	7°35'	5°49'	0° 8'	0°R54	2° 0'	12°52'	23°24'	S 29
M30	14 35 55	10°Ω42'10"	17°Ω18	23°V32	6°Ω43	7°II31	17°II18	28°Ω19	7°V38	5°M49	0°Ω10	0°II54	1°II57	12°M59	23°M22	M30

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	
S 1	4n52	25n13	4n 5	14n20	2n42	1s 1	1s28	17n24	0n25	21n47	0s24	13n24	1n42	1n47	0s41	S 1
M 2	5 15	22 53	4 41	14 44	2 49	0 31	1 28	17 37	0 26	21 49	0 24	13 25	1 42	1 48	0 41	M 2
T 3	5 38	19 26	5 2	15 4	2 56	0 2	1 28	17 49	0 26	21 50	0 24	13 26	1 41	1 49	0 41	T 3
W 4	6 0	15 10	5 8	15 21	3 2	0n28	1 28	18 1	0 27	21 52	0 24	13 27	1 41	1 51	0 41	W 4
T 5	6 23	10 19	4 59	15 35	3 6	0 58	1 28	18 13	0 27	21 53	0 24	13 28	1 41	1 52	0 41	T 5
F 6	6 46	5 8	4 37	15 44	3 9	1 27	1 27	18 25	0 28	21 55	0 24	13 29	1 41	1 53	0 41	F 6
S 7	7 8	0s10	4 2	15 51	3 11	1 57	1 27	18 36	0 29	21 56	0 24	13 29	1 41	1 55	0 41	S 7
S 8	7 31	5 26	3 17	15 53	3 12	2 27	1 26	18 48	0 29	21 58	0 23	13 30	1 41	1 56	0 41	S 8
M 9	7 53	10 29	2 24	15 52	3 11	2 56	1 26	18 59	0 30	21 59	0 23	13 31	1 41	1 57	0 41	M 9
T 10	8 15	15 8	1 24	15 47	3 8	3 26	1 25	19 10	0 30	22 1	0 23	13 31	1 41	1 59	0 41	T 10
W11	8 37	19 12	0 21	15 38	3 4	3 55	1 25	19 21	0 31	22 2	0 23	13 32	1 41	2 0	0 41	W11
T 12	8 59	22 31	0s43	15 26	2 58	4 25	1 24	19 32	0 31	22 4	0 23	13 32	1 41	2 1	0 41	T 12
F 13	9 21	24 53	1 46	15 11	2 51	4 54	1 23	19 42	0 32	22 5	0 23	13 33	1 41	2 3	0 41	F 13
S 14	9 42	26 9	2 46	14 53	2 43	5 23	1 23	19 53	0 33	22 7	0 22	13 33	1 41	2 4	0 41	S 14
S 15	10 4	26 10	3 38	14 32	2 33	5 52	1 22	20 3	0 33	22 8	0 22	13 34	1 41	2 5	0 41	S 15
M16	10 25	24 50	4 22	14 8	2 21	6 21	1 21	20 13	0 34	22 10	0 22	13 34	1 40	2 6	0 41	M16
T 17	10 46	22 11	4 54	13 42	2 9	6 50	1 20	20 23	0 34	22 11	0 22	13 35	1 40	2 8	0 41	T 17
W18	11 7	18 17	5 11	13 15	1 55	7 18	1 19	20 32	0 35	22 13	0 22	13 35	1 40	2 9	0 41	W18
T 19	11 28	13 17	5 11	12 46	1 40	7 47	1 18	20 42	0 35	22 14	0 22	13 35	1 40	2 10	0 41	T 19
F 20	11 48	7 24	4 51	12 16	1 25	8 15	1 16	20 51	0 36	22 15	0 22	13 36	1 40	2 11	0 41	F 20
S 21	12 8	0 57	4 12	11 46	1 8	8 43	1 15	21 0	0 36	22 17	0 21	13 36	1 40	2 13	0 41	S 21
S 22	12 29	5n41	3 16	11 15	0 52	9 11	1 14	21 9	0 37	22 18	0 21	13 36	1 40	2 14	0 41	S 22
M23	12 48	12 5	2 4	10 45	0 35	9 39	1 13	21 18	0 37	22 20	0 21	13 36	1 40	2 15	0 41	M23
T 24	13 8	17 45	0 44	10 16	0 18	10 7	1 11	21 26	0 38	22 21	0 21	13 36	1 40	2 16	0 41	T 24
W25	13 28	22 14	0n38	9 48	0 1	10 34	1 10	21 35	0 38	22 22	0 21	13 36	1 40	2 18	0 41	W25
T 26	13 47	25 9	1 57	9 22	0s16	11 1	1 8	21 43	0 39	22 24	0 21	13 36	1 40	2 19	0 41	T 26
F 27	14 6	26 20	3 5	8 57	0 32	11 28	1 7	21 51	0 39	22 25	0 21	13 36	1 39	2 20	0 41	F 27
S 28	14 25	25 48	4 1	8 34	0 48	11 54	1 5	21 58	0 40	22 26	0 20	13 36	1 39	2 21	0 41	S 28
S 29	14 43	23 46	4 42	8 14	1 4	12 21	1 4	22 6	0 40	22 28	0 20	13 36	1 39	2 22	0 41	S 29
M30	15n 2	20n30	5n 7	7n55	1s18	12n46	1s 2	22n13	0n41	22n29	0s20	13n36	1n39	2n24	0s41	M30

Julian Day Number = 2486699.5, Delta T = 91.48 sec

Ecliptic obliquity = 23°25'41", Nutation = - 0°00'15", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 26°05'06", Lahiri = 25°12'07"

ASTRODIENST EPHEMERIS for the year 2096
geocentric

MAY 2096

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 39 52	11♌40'27	0♍4	23°R25	7♌57	8♏12	17♏30	28♏19	7♏41	5°R48	0♏11	0°R53	1♏53	13♏5	23°R20	T 1
W 2	14 43 48	12°38'41	12°32	23°D22	9°11	8°53	17°42	28°20	7°44	5♏48	0°12	0♏51	1°50	13°12	23♏18	W 2
T 3	14 47 45	13°36'54	24°47	23°Y24	10°25	9°34	17°55	28°20	7°47	5°47	0°14	0°49	1°47	13°19	23°16	T 3
F 4	14 51 42	14°35'05	6♌51	23°31	11°39	10°15	18°8	28°21	7°50	5°47	0°15	0°46	1°44	13°25	23°14	F 4
S 5	14 55 38	15°33'14	18°48	23°43	12°53	10°56	18°20	28°21	7°53	5°47	0°17	0°44	1°41	13°32	23°12	S 5
S 6	14 59 35	16°31'21	0♏39	23°59	14°7	11°37	18°33	28°22	7°56	5°46	0°18	0°42	1°38	13°38	23°10	S 6
M 7	15 3 31	17°29'26	12°28	24°20	15°21	12°18	18°46	28°23	7°59	5°46	0°19	0°40	1°34	13°45	23°9	M 7
T 8	15 7 28	18°27'29	24°16	24°45	16°35	12°58	18°59	28°24	8°1	5°46	0°21	0°40	1°31	13°52	23°8	T 8
W 9	15 11 24	19°25'32	6♌6	25°14	17°49	13°39	19°12	28°25	8°4	5°46	0°22	0°D40	1°28	13°58	23°6	W 9
T 10	15 15 21	20°23'32	18°0	25°48	19°3	14°20	19°24	28°26	8°7	5°45	0°23	0°40	1°25	14°5	23°5	T 10
F 11	15 19 17	21°21'31	0♏0	26°25	20°16	15°1	19°37	28°27	8°10	5°45	0°25	0°41	1°22	14°12	23°4	F 11
S 12	15 23 14	22°19'29	12°10	27°6	21°30	15°41	19°50	28°28	8°12	5°45	0°26	0°42	1°18	14°18	23°3	S 12
S 13	15 27 11	23°17'25	24°32	27°51	22°44	16°22	20°4	28°30	8°15	5°45	0°27	0°43	1°15	14°25	23°2	S 13
M14	15 31 7	24°15'20	7♌11	28°40	23°58	17°3	20°17	28°31	8°18	5°45	0°28	0°43	1°12	14°32	23°1	M14
T 15	15 35 4	25°13'14	20°9	29°32	25°12	17°43	20°30	28°33	8°20	5°45	0°30	0°R43	1°9	14°38	23°1	T 15
W16	15 39 0	26°11'06	3♏29	0♏27	26°26	18°24	20°43	28°35	8°23	5°D45	0°31	0°43	1°6	14°45	23°0	W16
T 17	15 42 57	27°8'58	17°14	1°25	27°40	19°4	20°56	28°36	8°25	5°45	0°32	0°43	1°3	14°52	23°0	T 17
F 18	15 46 53	28°6'48	1°Y23	2°27	28°54	19°45	21°9	28°38	8°28	5°45	0°34	0°43	0°59	14°58	23°0	F 18
S 19	15 50 50	29°4'37	15°56	3°31	0♏8	20°25	21°23	28°40	8°30	5°45	0°35	0°43	0°56	15°5	22°59	S 19
S 20	15 54 46	0♏2'24	0♏48	4°39	1°21	21°6	21°36	28°43	8°33	5°45	0°36	0°43	0°53	15°12	22°D59	S 20
M21	15 58 43	1°0'11	15°52	5°49	2°35	21°46	21°49	28°45	8°35	5°45	0°37	0°D43	0°50	15°18	22°59	M21
T 22	16 2 40	1°57'57	1♏1	7°2	3°49	22°26	22°3	28°47	8°37	5°45	0°39	0°R43	0°47	15°25	22°59	T 22
W23	16 6 36	2°55'41	16°5	8°17	5°3	23°7	22°16	28°50	8°40	5°46	0°40	0°43	0°44	15°32	23°0	W23
T 24	16 10 33	3°53'24	0♏55	9°35	6°17	23°47	22°30	28°52	8°42	5°46	0°41	0°42	0°40	15°38	23°0	T 24
F 25	16 14 29	4°51'05	15°24	10°56	7°31	24°27	22°43	28°55	8°44	5°46	0°42	0°42	0°37	15°45	23°1	F 25
S 26	16 18 26	5°48'45	29°29	12°20	8°44	25°7	22°57	28°58	8°47	5°47	0°43	0°41	0°34	15°52	23°1	S 26
S 27	16 22 22	6°46'23	13♏7	13°45	9°58	25°48	23°10	29°0	8°49	5°47	0°45	0°41	0°31	15°58	23°2	S 27
M28	16 26 19	7°44'00	26°19	15°14	11°12	26°28	23°24	29°3	8°51	5°47	0°46	0°41	0°28	16°5	23°3	M28
T 29	16 30 15	8°41'35	9♏7	16°45	12°26	27°8	23°37	29°6	8°53	5°48	0°47	0°D40	0°24	16°11	23°4	T 29
W30	16 34 12	9°39'09	21°34	18°18	13°40	27°48	23°51	29°10	8°55	5°48	0°48	0°41	0°21	16°18	23°5	W30
T 31	16 38 9	10♏36'42	3♏46	19♏54	14♏53	28♏28	24♏5	29♏13	8♏57	5♏49	0♏49	0♏41	0♏18	16♏25	23♏6	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	15n20	16n22	5n16	7n40	1s32	13n12	1s0	22n20	0n41	22n30	0s20	13n36	1n39	2n25	0s41	10n4	0n45
W 2	15 38	11 36	5 9	7 27	1 45	13 37	0 58	22 27	0 42	22 32	0 20	13 36	1 39	2 26	0 41	10 5	0 45
T 3	15 55	6 29	4 49	7 16	1 57	14 2	0 57	22 34	0 42	22 33	0 20	13 36	1 39	2 27	0 41	10 5	0 45
F 4	16 12	1 11	4 15	7 8	2 9	14 27	0 55	22 41	0 43	22 34	0 20	13 35	1 39	2 28	0 41	10 5	0 45
S 5	16 29	4s 6	3 31	7 2	2 19	14 51	0 53	22 47	0 43	22 35	0 20	13 35	1 39	2 29	0 41	10 5	0 45
S 6	16 46	9 13	2 39	6 59	2 29	15 15	0 51	22 53	0 43	22 37	0 19	13 35	1 39	2 30	0 42	10 5	0 45
M 7	17 3	14 0	1 39	6 59	2 38	15 39	0 49	22 59	0 44	22 38	0 19	13 34	1 38	2 32	0 42	10 5	0 45
T 8	17 19	18 15	0 35	7 0	2 46	16 2	0 47	23 5	0 44	22 39	0 19	13 34	1 38	2 33	0 42	10 5	0 45
W 9	17 35	21 49	0s30	7 5	2 53	16 25	0 45	23 10	0 45	22 40	0 19	13 33	1 38	2 34	0 42	10 5	0 45
T 10	17 50	24 27	1 35	7 11	2 59	16 47	0 43	23 15	0 45	22 41	0 19	13 33	1 38	2 35	0 42	10 5	0 45
F 11	18 6	26 1	2 36	7 19	3 4	17 9	0 41	23 20	0 46	22 43	0 19	13 32	1 38	2 36	0 42	10 5	0 45
S 12	18 21	26 22	3 31	7 30	3 9	17 30	0 39	23 25	0 46	22 44	0 19	13 32	1 38	2 37	0 42	10 5	0 45
S 13	18 35	25 25	4 17	7 43	3 12	17 51	0 37	23 30	0 46	22 45	0 19	13 31	1 38	2 38	0 42	10 5	0 45
M14	18 50	23 10	4 51	7 57	3 15	18 12	0 35	23 34	0 47	22 46	0 19	13 31	1 38	2 39	0 42	10 5	0 45
T 15	19 4	19 41	5 12	8 13	3 17	18 32	0 32	23 39	0 47	22 47	0 18	13 30	1 38	2 40	0 42	10 5	0 45
W16	19 17	15 9	5 17	8 31	3 19	18 52	0 30	23 43	0 48	22 48	0 18	13 29	1 38	2 41	0 42	10 5	0 45
T 17	19 31	9 43	5 5	8 51	3 19	19 11	0 28	23 47	0 48	22 49	0 18	13 29	1 37	2 42	0 42	10 5	0 45
F 18	19 44	3 38	4 33	9 12	3 19	19 29	0 26	23 50	0 48	22 50	0 18	13 28	1 37	2 43	0 42	10 5	0 45
S 19	19 57	2n49	3 44	9 34	3 18	19 47	0 23	23 54	0 49	22 51	0 18	13 27	1 37	2 44	0 42	10 5	0 45
S 20	20 9	9 16	2 39	9 58	3 17	20 5	0 21	23 57	0 49	22 52	0 18	13 26	1 37	2 45	0 42	10 5	0 45
M21	20 21	15 17	1 22	10 23	3 15	20 22	0 19	24 0	0 50	22 53	0 18	13 25	1 37	2 46	0 42	10 5	0 45
T 22	20 33	20 23	0n2	10 50	3 12	20 38	0 16	24 3	0 50	22 54	0 18	13 24	1 37	2 47	0 42	10 5	0 45
W23	20 44	24 6	1 24	11 17	3 8	20 54	0 14	24 5	0 50	22 55	0 17	13 23	1 37	2 48	0 42	10 5	0 45
T 24	20 55	26 6	2 40	11 46	3 4	21 9	0 12	24 8	0 51	22 56	0 17	13 22	1 37	2 49	0 42	10 5	0 44
F 25	21 6	26 15	3 44	12 15	3 0	21 24	0 9	24 10	0 51	22 56	0 17	13 21	1 37	2 49	0 42	10 5	0 44
S 26	21 16	24 41	4 32	12 46	2 54	21 38	0 7	24 12	0 51	22 57	0 17	13 20	1 37	2 50	0 42	10 5	0 44
S 27	21 26	21 42	5 3	13 17	2 49	21 52	0 5	24 13	0 52	22 58	0 17	13 19	1 36	2 51	0 42	10 5	0 44
M28	21 35	17 42	5 17	13 49	2 42	22 4	0 2	24 15	0 52	22 59	0 17	13 18	1 36	2 52	0 42	10 4	0 44
T 29	21 44	13 0	5 14	14 21	2 35	22 17	0n0	24 16	0 52	23 0	0 17	13 17	1 36	2 53	0 42	10 4	0 44
W30	21 53	7 53	4 57	14 54	2 28	22 28	0 3	24 17	0 53	23 0	0 17	13 16	1 36	2 53	0 42	10 4	0 44
T 31	22n 2	2n35	4n26	15n27	2s20	22n39	0n5	24n18	0n53	23n 1	0s17	13n15	1n36	2n54	0s42	10n 4	0n44

Julian Day Number = 2486729.5, Delta T = 91.51 sec
Ecliptic obliquity = 23°25'41, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°05'10, Lahiri = 25°12'11

ASTRODIENST EPHEMERIS for the year 2096

geocentric

JUNE 2096

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 42 5	11 ^{II} 34°13	15 ^{II} 45	21 ^{III} 32	16 ^{II} 7	29 ^{II} 8	24 ^{II} 18	29 ^{II} 16	8 ^Y 59	5 ^m 49	0 ⁸ 50	0 ^{II} 42	0 ^{II} 15	16 ^m 31	23 ^m 7	F 1
S 2	16 46 2	12°31'43	27°37	23°13	17°21	29°48	24°32	29°19	9° 1	5°50	0°51	0°43	0°12	16°38	23° 9	S 2
S 3	16 49 58	13°29'12	9 ^m 25	24°56	18°35	0 ⁸ 28	24°46	29°23	9° 3	5°50	0°52	0°44	0° 9	16°45	23°10	S 3
M 4	16 53 55	14°26'39	21°13	26°41	19°48	1° 8	24°59	29°26	9° 5	5°51	0°53	0°45	0° 5	16°51	23°12	M 4
T 5	16 57 51	15°24'06	3 ^m 3	28°29	21° 2	1°48	25°13	29°30	9° 7	5°52	0°55	0°R45	0° 2	16°58	23°14	T 5
W 6	17 1 48	16°21'31	14°59	0 ^{II} 19	22°16	2°27	25°27	29°34	9° 8	5°52	0°56	0°45	29 ⁸ 59	17° 5	23°16	W 6
T 7	17 5 44	17°18'56	27° 2	2°12	23°29	3° 7	25°40	29°38	9°10	5°53	0°57	0°43	29°56	17°11	23°18	T 7
F 8	17 9 41	18°16'20	9 ⁸ 14	4° 7	24°43	3°47	25°54	29°42	9°12	5°54	0°58	0°41	29°53	17°18	23°20	F 8
S 9	17 13 38	19°13'43	21°37	6° 4	25°57	4°27	26° 8	29°46	9°13	5°54	0°59	0°39	29°50	17°25	23°22	S 9
S 10	17 17 34	20°11'06	4 ^m 12	8° 3	27°11	5° 6	26°22	29°50	9°15	5°55	1° 0	0°36	29°46	17°31	23°24	S 10
M11	17 21 31	21° 8'27	17° 1	10° 5	28°24	5°46	26°35	29°54	9°17	5°56	1° 1	0°33	29°43	17°38	23°27	M11
T 12	17 25 27	22° 5'48	0 ⁸ 6	12° 8	29°38	6°26	26°49	29°58	9°18	5°57	1° 1	0°31	29°40	17°45	23°29	T 12
W13	17 29 24	23° 3'09	13°27	14°13	0 ⁸ 52	7° 5	27° 3	0 ^m 2	9°20	5°58	1° 2	0°30	29°37	17°51	23°32	W13
T 14	17 33 20	24° 0'29	27° 7	16°20	2° 5	7°45	27°17	0° 7	9°21	5°59	1° 3	0°D29	29°34	17°58	23°34	T 14
F 15	17 37 17	24°57'49	11 ^Y 6	18°29	3°19	8°24	27°30	0°11	9°23	6° 0	1° 4	0°30	29°30	18° 4	23°37	F 15
S 16	17 41 13	25°55'09	25°23	20°38	4°33	9° 4	27°44	0°16	9°24	6° 1	1° 5	0°31	29°27	18°11	23°40	S 16
S 17	17 45 10	26°52'28	9 ⁸ 56	22°49	5°46	9°44	27°58	0°21	9°25	6° 2	1° 6	0°33	29°24	18°18	23°43	S 17
M18	17 49 7	27°49'47	24°41	25° 0	7° 0	10°23	28°12	0°25	9°26	6° 3	1° 7	0°R34	29°21	18°24	23°46	M18
T 19	17 53 3	28°47'05	9 ^{II} 34	27°11	8°14	11° 2	28°26	0°30	9°28	6° 4	1° 8	0°34	29°18	18°31	23°50	T 19
W20	17 57 0	29°44'23	24°25	29°23	9°27	11°42	28°39	0°35	9°29	6° 5	1° 9	0°32	29°15	18°38	23°53	W20
T 21	18 0 56	0 ⁸ 41'41	9 ⁸ 9	1 ⁸ 35	10°41	12°21	28°53	0°40	9°30	6° 6	1° 9	0°29	29°11	18°44	23°56	T 21
F 22	18 4 53	1°38'58	23°37	3°46	11°55	13° 1	29° 7	0°45	9°31	6° 7	1°10	0°25	29° 8	18°51	24° 0	F 22
S 23	18 8 49	2°36'15	7 ^{II} 44	5°57	13° 8	13°40	29°21	0°50	9°32	6° 8	1°11	0°20	29° 5	18°58	24° 4	S 23
S 24	18 12 46	3°33'31	21°26	8° 7	14°22	14°19	29°35	0°55	9°33	6° 9	1°12	0°16	29° 2	19° 4	24° 7	S 24
M25	18 16 43	4°30'46	4 ^m 42	10°16	15°35	14°59	29°48	1° 0	9°34	6°11	1°12	0°12	28°59	19°11	24°11	M25
T 26	18 20 39	5°28'01	17°33	12°23	16°49	15°38	0 ⁸ 2	1° 6	9°35	6°12	1°13	0° 9	28°56	19°18	24°15	T 26
W27	18 24 36	6°25'15	0 ^{II} 3	14°29	18° 3	16°17	0°16	1°11	9°36	6°13	1°14	0° 7	28°52	19°24	24°19	W27
T 28	18 28 32	7°22'29	12°15	16°33	19°16	16°56	0°29	1°17	9°36	6°15	1°14	0°D 7	28°49	19°31	24°24	T 28
F 29	18 32 29	8°19'42	24°13	18°36	20°30	17°36	0°43	1°22	9°37	6°16	1°15	0° 8	28°46	19°38	24°28	F 29
S 30	18 36 25	9 ⁸ 16'55	6 ^m 4	20 ⁸ 37	21 ⁸ 44	18 ⁸ 15	0 ⁸ 57	1 ^m 28	9 ^Y 38	6 ^m 17	1 ⁸ 16	0 ^{II} 10	28 ⁸ 43	19 ^m 44	24 ^m 32	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	22n10	2s44	3n45	16n 1	2s12	22n50	0n 7	24n19	0n53	23n 2	0s17	13n13	1n36	2n55	0s42	10n 4	0n44	3s56	16s42	20n17	20n12	15s36	0s37	3s38			
S 2	22 17	7 55	2 54	16 35	2 3	22 59	0 10	24 19	0 54	23 2	0 16	13 12	1 36	2 56	0 42	10 3	0 44	3 55	16 42	20 17	20 11	15 38	0 37	3 37			
S 3	22 24	12 48	1 56	17 9	1 54	23 8	0 12	24 20	0 54	23 3	0 16	13 11	1 36	2 56	0 42	10 3	0 44	3 55	16 43	20 18	20 10	15 41	0 37	3 37			
M 4	22 31	17 12	0 53	17 43	1 45	23 17	0 15	24 20	0 54	23 4	0 16	13 9	1 36	2 57	0 42	10 3	0 44	3 55	16 43	20 18	20 10	15 44	0 37	3 36			
T 5	22 38	20 58	0s13	18 16	1 35	23 24	0 17	24 20	0 55	23 4	0 16	13 8	1 36	2 58	0 42	10 3	0 44	3 55	16 43	20 18	20 9	15 47	0 37	3 35			
W 6	22 44	23 52	1 18	18 50	1 25	23 31	0 19	24 19	0 55	23 5	0 16	13 7	1 35	2 58	0 42	10 2	0 44	3 55	16 43	20 18	20 8	15 49	0 37	3 35			
T 7	22 49	25 44	2 20	19 23	1 14	23 38	0 22	24 19	0 55	23 6	0 16	13 5	1 35	2 59	0 42	10 2	0 44	3 55	16 43	20 18	20 8	15 52	0 37	3 34			
F 8	22 55	26 23	3 17	19 55	1 3	23 43	0 24	24 18	0 56	23 6	0 16	13 4	1 35	3 0	0 42	10 2	0 44	3 55	16 44	20 17	20 7	15 55	0 37	3 33			
S 9	22 59	25 44	4 5	20 27	0 53	23 48	0 26	24 17	0 56	23 7	0 16	13 2	1 35	3 0	0 42	10 2	0 44	3 55	16 44	20 17	20 6	15 57	0 37	3 32			
S 10	23 4	23 46	4 42	20 57	0 42	23 52	0 29	24 16	0 56	23 7	0 16	13 1	1 35	3 1	0 42	10 1	0 44	3 54	16 44	20 16	20 6	16 0	0 37	3 32			
M11	23 8	20 35	5 6	21 27	0 31	23 56	0 31	24 15	0 57	23 8	0 16	12 59	1 35	3 2	0 42	10 1	0 44	3 54	16 44	20 15	20 5	16 3	0 38	3 31			
T 12	23 12	16 20	5 15	21 55	0 20	23 59	0 33	24 13	0 57	23 8	0 15	12 58	1 35	3 2	0 42	10 1	0 44	3 54	16 45	20 15	20 4	16 5	0 38	3 30			
W13	23 15	11 13	5 7	22 21	0 9	24 1	0 35	24 11	0 57	23 8	0 15	12 56	1 35	3 3	0 42	10 0	0 44	3 54	16 45	20 15	20 4	16 8	0 38	3 30			
T 14	23 18	5 27	4 42	22 46	0n 2	24 2	0 38	24 9	0 57	23 9	0 15	12 54	1 35	3 3	0 42	10 0	0 44	3 54	16 45	20 15	20 3	16 11	0 39	3 29	0 39	3 29	
F 15	23 20	0n43	3 59	23 9	0 13	24 3	0 40	24 7	0 58	23 9	0 15	12 53	1 35	3 4	0 43	10 0	0 44	3 54	16 45	20 15	20 2	16 13	0 39	3 28			
S 16	23 22	7 0	3 2	23 29	0 23	24 3	0 42	24 5	0 58	23 9	0 15	12 51	1 35	3 4	0 43	9 59	0 44	3 54	16 46	20 15	20 1	16 16	0 40	3 28			
S 17	23 23	13 2	1 51	23 48	0 34	24 2	0 44	24 2	0 58	23 10	0 15	12 49	1 35	3 5	0 43	9 59	0 44	3 54	16 46	20 15	20 1	16 19	0 40	3 27			
M18	23 25	18 25	0 32	24 3	0 43	24 1	0 46	24 0	0 59	23 10	0 15	12 47	1 34	3 5	0 43	9 58	0 44	3 54	16 46	20 16	20 0	16 21	0 41	3 26			
T 19	23 25	22 41	0n49	24 17	0 53	23 59	0 48	23 57	0 59	23 10	0 15	12 46	1 34	3 6	0 43	9 58	0 44	3 54	16 47	20 15	19 59	16 24	0 42	3 25			
W20	23 26	25 26	2 7	24 27	1 1	23 56	0 50	23 54	0 59	23 11	0 15	12 44	1 34	3 6	0 43	9 58	0 44	3 54	16 47	20 15	19 59	16 27	0 42	3 25			
T 21	23 26	26 22	3 16	24 35	1 10	23 52	0 52	23 50	0 59	23 11	0 15	12 42	1 34	3 6	0 43	9 57	0 44	3 54	16 47	20 15	19 58	16 29	0 43	3 24			
F 22	23 25	25 29	4 11	24 40	1 17	23 48	0 54	23 47	1 0	23 11	0 14	12 40	1 34	3 7	0 43	9 57	0 44	3 54	16 47	20 14	19 57	16 32	0 44	3 23			
S 23	23 24	22 58	4 49	24 42	1 24	23 43	0 56	23 43	1 0	23 11	0 14	12 38	1 34	3 7	0 43	9 56	0 44	3 54	16 48	20 13	19 57	16 35	0 45	3 23			
S 24	23 23	19 13	5 9	24 41	1 30	23 37	0 58	23 39	1 0	23 11	0 14	12 36	1 34	3 8	0 43	9 56	0 44	3 54	16 48	20 12	19 56	16 37	0 46	3 22			
M25	23 21	14 36	5 11	24 37	1 36	23 31	1 0	23 35	1 0	23 11	0 14	12 35	1 34	3 8	0 43	9 55	0 44	3 54	16 48	20 11	19 55	16 40	0 47	3 21			
T 26	23 19	9 29	4 58	24 31	1 41	23 24	1 2	23 31	1 1	23 12	0 14	12 33	1 34	3 8	0 43	9 55	0 44	3 54	16 49	20 10	19 55	16 43	0 48	3 21			
W27	23 16	4 7	4 31	24 23	1 45	23 16	1 4	23 26	1 1	23 12	0 14	12 31	1 34	3 9	0 43	9 54	0 44	3 54	16 49	20 10	19 54	16 45	0 49	3 20			
T 28	23 13	1s17	3 52	24 11	1 48	23 7	1 5	23 22	1 1	23 12	0 14	12 29	1 34	3 9	0 43	9 54	0 44	3 54	16 49	20 10	19 53	16 48	0 50	3 19			
F 29	23 10	6 33	3 3	23 58	1 51	22 58	1 7	23 17	1 1	23 12	0 14	12 27	1 34	3 9	0 43	9 53	0 44	3 54	16 49	20 10	19 52	16 51	0 51	3 19			
S 30	23n 6	11s32	2n 8	23n42	1n52	22n48	1n 9	23n12	1n 2	23n12	0s14	12n25	1n34	3n 9	0s43	9n53	0n44	3s54	16s50	20n10	19n52	16s53	0s52	3s18			

ASTRODIENST EPHEMERIS for the year 2096

geocentric

JULY 2096

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 40 22	10 ⁵ 14'07	17 ¹¹ 52	22 ²⁶ 36	22 ²⁶ 57	18 ²⁵ 54	1 ²⁵ 11	1 ¹⁰ 33	9 ¹⁷ 39	6 ¹⁰ 19	1 ¹⁸ 16	0 ¹¹ 11	28 ³ 40	19 ¹¹ 51	24 ¹⁰ 37	S 1
M 2	18 44 18	11 ⁰ 11'19	29 ⁴ 41	24 ³ 33	24 ⁴ 11	19 ³ 33	1 ² 24	1 ⁰ 39	9 ³ 39	6 ² 20	1 ¹ 17	0 ⁰ R12	28 ³ 36	19 ⁵ 58	24 ⁴ 41	M 2
T 3	18 48 15	12 ⁰ 8'30	11 ¹⁷ 36	26 ² 28	25 ² 24	20 ² 12	1 ³ 38	1 ⁴ 45	9 ⁴ 40	6 ² 21	1 ¹ 18	0 ⁰ 11	28 ³ 33	20 ⁰ 4	24 ⁴ 46	T 3
W 4	18 52 12	13 ⁰ 5'42	23 ³ 39	28 ² 21	26 ³ 38	20 ² 51	1 ⁵ 51	1 ⁰ 51	9 ⁴ 40	6 ² 23	1 ¹ 18	0 ⁰ 8	28 ³ 30	20 ⁰ 11	24 ⁴ 50	W 4
T 5	18 56 8	14 ⁰ 2'53	5 ³ 54	0 ⁰ 13	27 ² 51	21 ² 30	2 ⁰ 5	1 ⁵ 56	9 ⁴ 41	6 ² 24	1 ¹ 19	0 ⁰ 4	28 ² 27	20 ⁰ 17	24 ⁴ 55	T 5
F 6	19 0 5	15 ⁰ 0'05	18 ² 21	2 ⁰ 2	29 ² 5	22 ² 9	2 ⁰ 19	2 ⁰ 2	9 ⁴ 41	6 ² 26	1 ¹ 19	29 ² 58	28 ² 24	20 ⁰ 24	25 ⁰ 0	F 6
S 7	19 4 1	15 ⁰ 57'16	1 ¹ 22	3 ⁰ 49	0 ⁰ 18	22 ² 48	2 ⁰ 32	2 ⁰ 8	9 ⁴ 41	6 ² 27	1 ¹ 20	29 ² 50	28 ² 21	20 ⁰ 31	25 ⁰ 5	S 7
S 8	19 7 58	16 ⁰ 54'27	13 ⁰ 56	5 ⁰ 34	1 ³ 32	23 ² 27	2 ⁰ 46	2 ⁰ 14	9 ⁴ 42	6 ² 29	1 ¹ 20	29 ² 42	28 ² 17	20 ⁰ 37	25 ⁰ 10	S 8
M 9	19 11 54	17 ⁰ 51'39	27 ⁰ 4	7 ⁰ 17	2 ⁴ 46	24 ⁰ 6	2 ⁰ 59	2 ⁰ 21	9 ⁴ 42	6 ³ 31	1 ¹ 21	29 ² 35	28 ² 14	20 ⁰ 44	25 ⁰ 15	M 9
T 10	19 15 51	18 ⁰ 48'51	10 ¹ 25	8 ⁰ 58	3 ³ 59	24 ⁴ 45	3 ⁰ 13	2 ⁰ 27	9 ⁴ 42	6 ³ 32	1 ¹ 21	29 ² 28	28 ² 11	20 ⁰ 51	25 ⁰ 21	T 10
W 11	19 19 47	19 ⁰ 46'03	23 ⁰ 57	10 ³ 36	5 ⁵ 13	25 ² 24	3 ⁰ 26	2 ⁰ 33	9 ⁴ 42	6 ³ 34	1 ¹ 22	29 ² 23	28 ² 8	20 ⁰ 57	25 ⁰ 26	W 11
T 12	19 23 44	20 ⁰ 43'16	7 ¹ 41	12 ⁰ 13	6 ⁶ 26	26 ⁰ 3	3 ⁰ 40	2 ⁰ 39	9 ⁴ 43	6 ³ 36	1 ¹ 22	29 ² 21	28 ² 5	21 ⁰ 4	25 ⁰ 31	T 12
F 13	19 27 41	21 ⁰ 40'29	21 ³ 37	13 ⁴ 48	7 ⁴ 40	26 ² 42	3 ⁵ 53	2 ⁴ 46	9 ⁴ 43	6 ³ 37	1 ¹ 22	29 ² D20	28 ² 2	21 ¹ 11	25 ⁰ 37	F 13
S 14	19 31 37	22 ⁰ 37'42	5 ⁸ 43	15 ⁰ 21	8 ⁵ 53	27 ² 21	4 ⁰ 7	2 ⁵ 52	9 ⁴ R43	6 ³ 39	1 ¹ 23	29 ² 20	27 ² 58	21 ¹ 17	25 ⁰ 42	S 14
S 15	19 35 34	23 ⁰ 34'57	20 ⁰ 0	16 ⁰ 51	10 ⁰ 7	28 ⁰ 0	4 ⁰ 20	2 ⁵ 58	9 ⁴ 43	6 ⁴ 41	1 ¹ 23	29 ² 21	27 ² 55	21 ¹ 24	25 ⁰ 48	S 15
M 16	19 39 30	24 ⁰ 32'12	4 ¹¹ 24	18 ⁰ 20	11 ⁰ 20	28 ⁰ 38	4 ⁰ 33	3 ⁰ 5	9 ⁴ 43	6 ⁴ 42	1 ¹ 23	29 ² R21	27 ² 52	21 ¹ 31	25 ⁰ 54	M 16
T 17	19 43 27	25 ⁰ 29'27	18 ⁰ 53	19 ⁰ 46	12 ⁰ 34	29 ⁰ 17	4 ⁰ 47	3 ⁰ 11	9 ⁴ 42	6 ⁴ 44	1 ¹ 24	29 ² 20	27 ² 49	21 ¹ 37	26 ⁰ 0	T 17
W 18	19 47 23	26 ⁰ 26'43	3 ² 22	21 ⁰ 11	13 ⁴ 47	29 ⁰ 56	5 ⁰ 0	3 ⁰ 18	9 ⁴ 42	6 ⁴ 46	1 ¹ 24	29 ² 16	27 ² 46	21 ¹ 44	26 ⁰ 6	W 18
T 19	19 51 20	27 ⁰ 24'00	17 ⁴ 46	22 ⁰ 33	15 ⁰ 1	0 ⁰ 35	5 ⁰ 13	3 ⁰ 24	9 ⁴ 42	6 ⁴ 48	1 ¹ 24	29 ² 10	27 ² 42	21 ¹ 51	26 ⁰ 12	T 19
F 20	19 55 16	28 ⁰ 21'17	2 ⁰ 0	23 ⁰ 53	16 ⁰ 14	1 ¹ 14	5 ⁰ 26	3 ⁰ 31	9 ⁴ 42	6 ⁴ 49	1 ¹ 24	29 ² 2	27 ² 39	21 ¹ 57	26 ⁰ 18	F 20
S 21	19 59 13	29 ⁰ 18'35	15 ⁰ 57	25 ⁰ 11	17 ⁰ 28	1 ⁵ 52	5 ⁰ 39	3 ⁰ 38	9 ⁴ 41	6 ⁵ 51	1 ¹ 25	28 ² 52	27 ² 36	22 ⁰ 4	26 ⁰ 24	S 21
S 22	20 3 10	0 ⁰ 15'53	29 ⁰ 33	26 ⁰ 26	18 ⁰ 41	2 ³ 31	5 ⁵ 52	3 ⁴ 45	9 ⁴ 41	6 ⁵ 53	1 ¹ 25	28 ² 42	27 ² 33	22 ⁰ 10	26 ⁰ 30	S 22
M 23	20 7 6	1 ⁰ 13'11	12 ¹⁰ 47	27 ⁰ 39	19 ⁰ 54	3 ¹⁰ 10	6 ⁰ 6	3 ⁵ 51	9 ⁴ 41	6 ⁵ 55	1 ¹ 25	28 ² 33	27 ² 30	22 ⁰ 17	26 ⁰ 36	M 23
T 24	20 11 3	2 ⁰ 10'29	25 ⁰ 38	28 ⁰ 50	21 ⁰ 8	3 ⁴ 48	6 ⁰ 19	3 ⁵ 58	9 ⁴ 40	6 ⁵ 57	1 ¹ 25	28 ² 26	27 ² 27	22 ⁰ 24	26 ⁰ 43	T 24
W 25	20 14 59	3 ⁰ 7'48	8 ¹ 4	29 ⁰ 58	22 ⁰ 21	4 ² 27	6 ³ 32	4 ⁰ 5	9 ⁴ 40	6 ⁵ 59	1 ¹ 25	28 ² 21	27 ² 23	22 ⁰ 30	26 ⁰ 49	W 25
T 26	20 18 56	4 ⁰ 5'08	20 ⁰ 19	1 ¹⁰ 4	23 ³ 35	5 ⁰ 6	6 ⁴ 45	4 ⁰ 12	9 ⁴ 39	7 ⁰ 1	1 ¹ 25	28 ² 18	27 ² 20	22 ⁰ 37	26 ⁰ 55	T 26
F 27	20 22 52	5 ⁰ 2'27	2 ¹¹ 18	2 ⁰ 7	24 ⁴ 48	5 ⁴ 44	6 ⁵ 57	4 ⁰ 19	9 ⁴ 39	7 ⁰ 3	1 ¹ 26	28 ² D17	27 ² 17	22 ⁰ 44	27 ⁰ 2	F 27
S 28	20 26 49	5 ⁵ 59'47	14 ⁰ 9	3 ⁰ 7	26 ⁰ 2	6 ² 3	7 ⁰ 10	4 ² 26	9 ⁴ 38	7 ⁰ 5	1 ¹ 26	28 ² 17	27 ² 14	22 ⁰ 50	27 ⁰ 9	S 28
S 29	20 30 45	6 ⁵ 57'08	25 ⁰ 58	4 ⁰ 4	27 ⁰ 15	7 ⁰ 1	7 ² 23	4 ³ 33	9 ⁴ 37	7 ⁰ 7	1 ¹ 26	28 ² R18	27 ² 11	22 ⁰ 57	27 ⁰ 15	S 29
M 30	20 34 42	7 ⁵ 54'29	7 ¹ 48	4 ⁵ 58	28 ⁰ 28	7 ⁴ 40	7 ³ 36	4 ⁴ 40	9 ⁴ 36	7 ⁰ 9	1 ¹ 26	28 ² 17	27 ² 8	22 ⁰ 8	27 ⁰ 22	M 30
T 31	20 38 39	8 ⁰ 51'51	19 ¹⁷ 47	5 ¹⁰ 49	29 ⁰ 42	8 ⁰ 19	7 ⁵ 48	4 ¹⁰ 47	9 ⁴ 36	7 ¹⁰ 11	1 ¹ R26	28 ² 15	27 ² 4	23 ¹¹ 10	27 ¹⁰ 29	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 2	16s 5	1n 7	23n24	1n53	22n38	1n10	23n 7	1n 2	23n12	0s14	12n22	1n34	3n10	0s43	9n52	0n44	3s55	16s50	20n11	19n51	16s56	0s53	3s18	19n51	16s56	0s53
M 2	22 57	20 2	0 3	23 4	1 54	22 27	1 12	23 2	1 2	23 12	0 14	12 20	1 34	3 10	0 43	9 52	0 44	3 55	16 50	20 11	19 50	16 58	0 54	3 17	19 50	16 58	0 54
T 3	22 52	23 11	1s 2	22 42	1 53	22 15	1 13	22 56	1 2	23 12	0 13	12 18	1 34	3 10	0 43	9 51	0 44	3 55	16 51	20 11	19 50	17 1	0 55	3 16	19 50	17 1	0 55
W 4	22 47	25 20	2 4	22 19	1 52	22 3	1 15	22 50	1 2	23 12	0 13	12 16	1 33	3 10	0 43	9 51	0 44	3 55	16 51	20 10	19 49	17 4	0 57	3 15	19 49	17 4	0 57
T 5	22 41	26 19	3 1	21 54	1 51	21 50	1 16	22 44	1 3	23 11	0 13	12 14	1 33	3 10	0 43	9 50	0 44	3 55	16 51	20 9	19 48	17 6	0 58	3 13	19 48	17 6	0 58
F 6	22 35	25 59	3 51	21 27	1 48	21 36	1 18	22 38	1 3	23 11	0 13	12 12	1 33	3 10	0 43	9 50	0 44	3 55	16 52	20 8	19 48	17 9	0 59	3 14	19 48	17 9	0 59
S 7	22 28	24 18	4 30	21 0	1 45	21 22	1 19	22 32	1 3	23 11	0 13	12 10	1 33	3 11	0 43	9 49	0 44	3 55	16 52	20 6	19 47	17 12	1 1	3 14	19 47	17 12	1 1
S 8	22 22	21 21	4 56	20 31	1 42	21 7	1 20	22 26	1 3	23 11	0 13	12 7	1 33	3 11	0 43	9 48	0 44	3 55	16 52	20 5	19 46	17 14	1 2	3 13	19 46	17 14	1 2
M 9	22 14	17 17	5 7	20 1	1 38	20 51	1 21	22 19	1 3	23 11	0 13	12 5	1 33	3 11	0 43	9 48	0 44	3 56	16 53	20 3	19 45	17 17	1 4	3 13	19 45	17 17	1 4
T 10	22 6	12 19	5 2	19 30	1 33	20 35	1 22	22 13	1 4	23 11	0 13	12 3	1 33	3 11	0 43	9 47	0 44	3 56	16 53	20 2	19 45	17 19	1 5	3 12	19 45	17 19	1 5
W 11	21 58	6 41	4 40	18 59	1 28	20 18	1 24	22 6	1 4	23 10	0 13	12 1	1 33	3 11	0 43	9 47	0 44	3 56	16 53	20 1	19 44	17 22	1 7	3 11	19 44	17 22	1 7
T 12	21 50	0 39	4 2	18 26	1 22	20 1	1 25	21 59	1 4	23 10	0 13	11 58	1 33	3 11	0 43	9 46	0 44	3 56	16 54	20 0	19 43	17 24	1 8	3 11	19 43	17 24	1 8
F 13	21 41	5n30	3 9	17 53	1 16	19 43	1 25	21 51	1 4	23 10	0 13	11 56	1 33	3 11	0 43	9 45	0 44	3 56	16 54	20 0	19 43	17 27	1 10	3 10	19 43	17 27	1 10
S 14	21 32	11 29	2 4	17 20	1 9	19 25	1 26	21 44	1 4	23 9	0 12	11 54	1 33	3 11	0 43	9 45	0 44	3 57	16 54	20 0	19 42	17 30	1 12	3 10	19 42	17 30	1 12
S 15	21 22	16 56	0 50	16 46	1 2	19 6	1 27	21 36	1 5	23 9	0 12	11 51	1 33	3 11	0 43	9 44	0 44	3 57	16 55	20 0	19 41	17 32	1 13	3 9	19 41	17 32	1 13
M 16	21 12	21 27	0n27	16 11	0 54	18 47	1 28	21 29	1 5	23 9	0 12	11 49	1 33	3 11	0 44	9 44	0 44	3 57	16 55	20 0	19 41	17 35	1 15	3 8	19 41	17 35	1 15
T 17	21 2	24 40	1 43	15 37	0 46	18 27	1 29	21 21	1 5	23 8	0 12	11 47	1 33	3 11	0 44	9 43	0 44	3 57	16 55	20 0	19 40	17 37	1 17	3 8	19 40	17 37	1 17
W 18	20 51	26 15	2 52	15 2	0 38	18 6	1 29	21 13	1 5	23 8	0 12	11 44	1 33	3 10	0 44	9 42	0 44	3 57	16 56	19 59	19 39	17 40	1 19	3 7	19 39	17 40	1 19
T 19	20 40	26 2	3 49	14 27	0 29	17 45	1 30	21 5	1 5	23 7	0 12	11 42	1 33	3 10	0 44	9 42	0 44	3 58	16 56	19 58	19 38	17 43	1 21	3 7	19 38	17 43	1 21
F 20	20 29	24 7	4 32	13 52	0 20	17 24	1 30	20 56	1 5	23 7	0 12	11 39	1 33	3 10	0 44	9 41	0 44	3 58	16 56	19 56	19 38	17 45	1 22	3 6	19 38	17 45	1 22
S 21	20 17	20 46	4 57	13 17	0 10	17 2	1 31	20 48	1 6	23 7	0 12	11 37	1 33	3 10	0 44	9 40	0 44	3 58	16 57	19 54	19 37	17 48	1 24	3 5	19 37	17 48	1 24
S 22	20 5	16 22	5 4	12 42	0 0	16 40	1 31	20 39	1 6	23 6	0 12	11 34	1 33	3 10	0 44	9 39	0 44	3 58	16 57	19 52	19 36	17 50	1 26	3 5	19 36	17 50	1 26
M 23	19 53	11 18	4 55	12 8	0s10	16 17	1 31	20 31	1 6	23 6	0 12	11 32	1 33	3 10	0 44	9 39	0 44	3 59	16 57	19 50	19 36	17 53	1 28	3 4	19 36	17 53	1 28
T 24	19 40	5 53	4 31	11 33	0 21	15 54	1 32	20 22	1 6	23 5	0 12	11 29	1 33	3 10	0 44	9 38	0 44	3 59	16 58	19 48	19 35	17 55	1 30	3 4	19 35	17 55	1 30
W 25	19 27	0 22	3 55	10 59	0 31	15 30	1 32	20 13	1 6	23 5	0 12	11 27	1 33	3 9	0 44	9 37	0 44	3 59	16 58	19 47	19 34	17 58	1 32	3 3	19 34	17 58	1 32
T 26	19 14	5s 2	3 8	10 26	0 42	15 6	1 32	20 3	1 6	23 4	0 11	11 24	1 33	3 9	0 44	9 37	0 44	3 59	16 58	19 46	19 33	18 0	1 34	3 3	19 33	18 0	1 34
F 27	19 0	10 10	2 14	9 53	0 54	14 41	1 32	19 54	1 6	23 3	0 11	11 22	1 33	3 9	0 44	9 36	0 44	4 0	16 59	19 46	19 33	18 3	1 36	3 2	19 33	18 3	1 36
S 28	18 46	14 53	1 15	9 21	1 5	14 17	1 32	19 45	1 7	23 3	0 11	11 19	1 33	3 8	0 44	9 35	0 44	4 0	16 59	19 46	19 32	18 5	1 39	3 2	19 32	18 5	1 39
S 29	18 32	19 2	0 12	8 49	1 17	13 51	1 32	19 35	1 7	23 2	0 11	11 17	1 33	3 8	0 44	9 34	0 44	4 0	16 59	19 46	19 31	18 8	1 41	3 1	19 31	18 8	1 41
M 30	18 17	22 26	0s51	8 18	1 29	13 26	1 31	19 25	1 7	23 2	0 11	11 14	1 33	3 8	0 44	9 34	0 44	4 1	17 0	19 46	19 30	18 11	1 43	3 1	19 30	18 11	1 43
T 31	18n 2	24s54	1s52	7n49	1s41	13n 0	1n31	19n15	1n 7	23n 1	0s11	11n11	1n33	3n 8	0s44	9n33	0n44	4s 1	17s 0	19n46	19n30	18s13	1s45	3s 1	19 30	18 11	1 43

ASTRODIENST EPHEMERIS for the year 2096
geocentric

AUGUST 2096

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 42 35	9♏49°13	1♊58	6♊37	0♊55	8♏57	8♏1	4♊54	9°R35	7♊13	1°R26	28°R11	27♊1	23♊17	27♊36	W 1
T 2	20 46 32	10°46'36	14°23	7°22	2° 8	9°36	8°14	5° 1	9°Y34	7°15	1♊26	28♊4	26°58	23°24	27°43	T 2
F 3	20 50 28	11°44'00	27° 5	8° 2	3°22	10°14	8°26	5° 8	9°33	7°17	1°26	27°54	26°55	23°30	27°50	F 3
S 4	20 54 25	12°41'24	10♊5	8°39	4°35	10°53	8°39	5°16	9°32	7°19	1°25	27°43	26°52	23°37	27°57	S 4
S 5	20 58 21	13°38'50	23°22	9°12	5°48	11°31	8°51	5°23	9°31	7°21	1°25	27°32	26°48	23°43	28° 4	S 5
M 6	21 2 18	14°36'16	6♊54	9°41	7° 1	12° 9	9° 4	5°30	9°30	7°23	1°25	27°20	26°45	23°50	28°11	M 6
T 7	21 6 14	15°33'43	20°37	10° 6	8°15	12°48	9°16	5°37	9°29	7°25	1°25	27°10	26°42	23°57	28°18	T 7
W 8	21 10 11	16°31'12	4°Y30	10°26	9°28	13°26	9°28	5°45	9°28	7°27	1°25	27° 2	26°39	24° 3	28°26	W 8
T 9	21 14 8	17°28'42	18°29	10°41	10°41	14° 5	9°40	5°52	9°27	7°29	1°25	26°58	26°36	24°10	28°33	T 9
F 10	21 18 4	18°26'13	2♊32	10°52	11°54	14°43	9°52	5°59	9°25	7°31	1°25	26°55	26°33	24°17	28°40	F 10
S 11	21 22 1	19°23'45	16°38	10°57	13° 8	15°22	10° 4	6° 7	9°24	7°33	1°24	26°55	26°29	24°23	28°48	S 11
S 12	21 25 57	20°21'19	0♊45	10°R57	14°21	16° 0	10°16	6°14	9°23	7°35	1°24	26°55	26°26	24°30	28°55	S 12
M13	21 29 54	21°18'55	14°54	10°52	15°34	16°38	10°28	6°22	9°21	7°38	1°24	26°54	26°23	24°37	29° 3	M13
T 14	21 33 50	22°16'32	29° 1	10°41	16°47	17°17	10°40	6°29	9°20	7°40	1°24	26°51	26°20	24°43	29°11	T 14
W15	21 37 47	23°14'10	13♊6	10°24	18° 0	17°55	10°52	6°36	9°19	7°42	1°23	26°46	26°17	24°50	29°18	W15
T 16	21 41 43	24°11'50	27° 5	10° 3	19°13	18°33	11° 4	6°44	9°17	7°44	1°23	26°38	26°14	24°57	29°26	T 16
F 17	21 45 40	25° 9'31	10♏55	9°35	20°27	19°12	11°15	6°51	9°16	7°46	1°23	26°28	26°10	25° 3	29°34	F 17
S 18	21 49 37	26° 7'14	24°33	9° 3	21°40	19°50	11°27	6°59	9°14	7°48	1°22	26°15	26° 7	25°10	29°42	S 18
S 19	21 53 33	27° 4'58	7♊53	8°25	22°53	20°28	11°38	7° 6	9°13	7°51	1°22	26° 3	26° 4	25°16	29°49	S 19
M20	21 57 30	28° 2'43	20°56	7°43	24° 6	21° 7	11°50	7°14	9°11	7°53	1°21	25°51	26° 1	25°23	29°57	M20
T 21	22 1 26	29° 0'29	3♊40	6°58	25°19	21°45	12° 1	7°21	9° 9	7°55	1°21	25°41	25°58	25°30	0♊5	T 21
W22	22 5 23	29°58'16	16° 5	6° 9	26°32	22°23	12°12	7°29	9° 8	7°57	1°21	25°34	25°54	25°36	0°13	W22
T 23	22 9 19	0♊56'05	28°15	5°17	27°45	23° 1	12°24	7°37	9° 6	7°59	1°20	25°29	25°51	25°43	0°21	T 23
F 24	22 13 16	1°53'55	10♊12	4°24	28°58	23°40	12°35	7°44	9° 4	8° 2	1°20	25°27	25°48	25°50	0°29	F 24
S 25	22 17 12	2°51'46	22° 3	3°30	0♊11	24°18	12°46	7°52	9° 2	8° 4	1°19	25°D26	25°45	25°56	0°37	S 25
S 26	22 21 9	3°49'38	3♊51	2°37	1°24	24°56	12°56	7°59	9° 1	8° 6	1°19	25°R26	25°42	26° 3	0°45	S 26
M27	22 25 6	4°47'32	15°42	1°46	2°37	25°34	13° 7	8° 7	8°59	8° 8	1°18	25°26	25°39	26°10	0°54	M27
T 28	22 29 2	5°45'27	27°42	0°57	3°50	26°13	13°18	8°14	8°57	8°11	1°17	25°24	25°35	26°16	1° 2	T 28
W29	22 32 59	6°43'23	9♊56	0°12	5° 3	26°51	13°29	8°22	8°55	8°13	1°17	25°20	25°32	26°23	1°10	W29
T 30	22 36 55	7°41'21	22°28	29♏32	6°16	27°29	13°39	8°30	8°53	8°15	1°16	25°14	25°29	26°30	1°18	T 30
F 31	22 40 52	8♊39'19	5♊21	28♏57	7♊28	28♏7	13♊50	8♊37	8°Y51	8♊17	1♊16	25♊5	25♊26	26♊36	1♊27	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	17n47	26s14	2s49	7n20	1s53	12n34	1n31	19n 5	1n 7	23n 0	0s11	11n 9	1n33	3n 7	0s44	9n32
T 2	17 31	26 17	3 39	6 52	2 5	12 7	1 30	18 55	1 7	23 0	0 11	11 6	1 33	3 7	0 44	9 31
F 3	17 16	24 58	4 19	6 26	2 17	11 40	1 30	18 45	1 7	22 59	0 11	11 4	1 33	3 6	0 44	9 31
S 4	17 0	22 19	4 47	6 1	2 29	11 13	1 29	18 35	1 8	22 58	0 11	11 1	1 33	3 6	0 44	9 30
S 5	16 43	18 27	5 0	5 37	2 42	10 45	1 29	18 24	1 8	22 57	0 11	10 58	1 33	3 6	0 44	9 29
M 6	16 27	13 34	4 57	5 15	2 54	10 17	1 28	18 14	1 8	22 57	0 11	10 56	1 33	3 5	0 44	9 28
T 7	16 10	7 57	4 37	4 55	3 5	9 49	1 27	18 3	1 8	22 56	0 10	10 53	1 33	3 5	0 44	9 28
W 8	15 53	1 53	4 0	4 37	3 17	9 21	1 26	17 52	1 8	22 55	0 10	10 50	1 33	3 4	0 44	9 27
T 9	15 35	4n20	3 8	4 20	3 29	8 53	1 26	17 41	1 8	22 54	0 10	10 48	1 33	3 4	0 44	9 26
F 10	15 18	10 23	2 5	4 6	3 40	8 24	1 25	17 30	1 8	22 53	0 10	10 45	1 33	3 3	0 44	9 25
S 11	15 0	15 56	0 54	3 54	3 50	7 55	1 24	17 19	1 8	22 53	0 10	10 42	1 33	3 3	0 44	9 25
S 12	14 42	20 38	0n20	3 45	4 0	7 26	1 22	17 7	1 8	22 52	0 10	10 39	1 33	3 2	0 44	9 24
M13	14 23	24 7	1 34	3 39	4 9	6 56	1 21	16 56	1 8	22 51	0 10	10 37	1 33	3 2	0 44	9 23
T 14	14 5	26 6	2 41	3 35	4 18	6 27	1 20	16 44	1 9	22 50	0 10	10 34	1 33	3 1	0 44	9 22
W15	13 46	26 24	3 38	3 34	4 25	5 57	1 19	16 33	1 9	22 49	0 10	10 31	1 33	3 1	0 44	9 21
T 16	13 27	25 1	4 22	3 36	4 32	5 27	1 17	16 21	1 9	22 48	0 10	10 29	1 33	3 0	0 44	9 21
F 17	13 8	22 7	4 50	3 41	4 37	4 57	1 16	16 9	1 9	22 47	0 10	10 26	1 33	2 59	0 44	9 20
S 18	12 48	18 3	5 0	3 50	4 41	4 27	1 14	15 57	1 9	22 47	0 10	10 23	1 33	2 59	0 44	9 19
S 19	12 29	13 9	4 54	4 1	4 43	3 56	1 13	15 45	1 9	22 46	0 9	10 20	1 33	2 58	0 44	9 18
M20	12 9	7 46	4 33	4 16	4 44	3 26	1 11	15 33	1 9	22 45	0 9	10 17	1 33	2 57	0 44	9 17
T 21	11 49	2 11	3 58	4 34	4 43	2 55	1 9	15 20	1 9	22 44	0 9	10 15	1 33	2 57	0 45	9 16
W22	11 29	3s22	3 12	4 54	4 40	2 25	1 7	15 8	1 9	22 43	0 9	10 12	1 33	2 56	0 45	9 16
T 23	11 8	8 41	2 19	5 17	4 36	1 54	1 6	14 56	1 9	22 42	0 9	10 9	1 33	2 55	0 45	9 15
F 24	10 48	13 37	1 20	5 43	4 29	1 23	1 4	14 43	1 9	22 41	0 9	10 6	1 33	2 55	0 45	9 14
S 25	10 27	17 59	0 18	6 10	4 21	0 52	1 2	14 30	1 9	22 40	0 9	10 4	1 33	2 54	0 45	9 13
S 26	10 6	21 38	0s45	6 38	4 10	0 21	1 0	14 18	1 9	22 39	0 9	10 1	1 33	2 53	0 45	9 12
M27	9 45	24 24	1 45	7 8	3 58	0s10	0 57	14 5	1 9	22 38	0 9	9 58	1 33	2 52	0 45	9 12
T 28	9 24	26 7	2 42	7 38	3 45	0 41	0 55	13 52	1 10	22 37	0 9	9 55	1 33	2 52	0 45	9 11
W29	9 2	26 36	3 33	8 7	3 30	1 11	0 53	13 39	1 10	22 36	0 9	9 52	1 33	2 51	0 45	9 10
T 30	8 41	25 44	4 14	8 37	3 13	1 42	0 51	13 26	1 10	22 35	0 9	9 50	1 34	2 50	0 45	9 9
F 31	8n19	23s31	4s44	9n 5	2s56	2s13	0n48	13n13	1n10	22n34	0s 8	9n47	1n34	2n49	0s45	9n 8

Julian Day Number = 2486821.5, Delta T = 91.63 sec
Ecliptic obliquity = 23°25'41", Nutation = - 0°00'13", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°05'23", Lahiri = 25°12'23"

ASTRODIENST EPHEMERIS for the year 2096
geocentric

SEPTEMBER 2096

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 44 48	9♍37'20	18♋35	28°R30	8♌41	28♌45	14♌0	8♍45	8°R49	8♍19	1°R15	24°R54	25♌23	26♍43	1♌35	S 1
S 2	22 48 45	10°35'21	2♊12	28♌9	9°54	29°23	14°10	8°52	8°Y47	8°22	1♌14	24♌42	25°19	26°50	1°43	S 2
M 3	22 52 41	11°33'25	16°6	27°57	11°7	0♍2	14°20	9°0	8°45	8°24	1°14	24°31	25°16	26°56	1°52	M 3
T 4	22 56 38	12°31'30	0°Y15	27°D52	12°20	0°40	14°30	9°8	8°43	8°26	1°13	24°21	25°13	27°3	2°0	T 4
W 5	23 0 35	13°29'36	14°34	27°57	13°32	1°18	14°40	9°15	8°41	8°28	1°12	24°14	25°10	27°9	2°9	W 5
T 6	23 4 31	14°27'45	28°56	28°10	14°45	1°56	14°50	9°23	8°39	8°31	1°12	24°9	25°7	27°16	2°17	T 6
F 7	23 8 28	15°25'55	13♌17	28°31	15°58	2°34	15°0	9°30	8°36	8°33	1°11	24°7	25°4	27°23	2°26	F 7
S 8	23 12 24	16°24'08	27°34	29°1	17°10	3°12	15°9	9°38	8°34	8°35	1°10	24°D7	25°0	27°29	2°34	S 8
S 9	23 16 21	17°22'23	11♌44	29°40	18°23	3°50	15°19	9°45	8°32	8°37	1°9	24°R7	24°57	27°36	2°43	S 9
M10	23 20 17	18°20'40	25°47	0♍27	19°35	4°28	15°28	9°53	8°30	8°39	1°9	24°7	24°54	27°43	2°51	M10
T 11	23 24 14	19°18'59	9♌42	1°22	20°48	5°7	15°38	10°0	8°28	8°42	1°8	24°5	24°51	27°49	3°0	T 11
W12	23 28 10	20°17'20	23°27	2°24	22°1	5°45	15°47	10°8	8°25	8°44	1°7	24°1	24°48	27°56	3°8	W12
T 13	23 32 7	21°15'43	7♌4	3°33	23°13	6°23	15°56	10°15	8°23	8°46	1°6	23°55	24°45	28°3	3°17	T 13
F 14	23 36 4	22°14'08	20°29	4°48	24°26	7°1	16°5	10°23	8°21	8°48	1°5	23°46	24°41	28°9	3°26	F 14
S 15	23 40 0	23°12'35	3♍42	6°9	25°38	7°39	16°14	10°30	8°19	8°50	1°5	23°36	24°38	28°16	3°34	S 15
S 16	23 43 57	24°11'04	16°42	7°35	26°51	8°17	16°22	10°38	8°16	8°53	1°4	23°25	24°35	28°23	3°43	S 16
M17	23 47 53	25°9'34	29°27	9°6	28°3	8°55	16°31	10°45	8°14	8°55	1°3	23°15	24°32	28°29	3°52	M17
T 18	23 51 50	26°8'07	11♌58	10°41	29°15	9°33	16°39	10°53	8°12	8°57	1°2	23°7	24°29	28°36	4°0	T 18
W19	23 55 46	27°6'42	24°14	12°19	0♍28	10°11	16°48	11°0	8°9	8°59	1°1	23°0	24°25	28°42	4°9	W19
T 20	23 59 43	28°5'18	6♍18	14°1	1°40	10°49	16°56	11°8	8°7	9°1	1°0	22°57	24°22	28°49	4°18	T 20
F 21	0 3 39	29°3'56	18°13	15°44	2°53	11°27	17°4	11°15	8°5	9°3	0°59	22°D55	24°19	28°56	4°26	F 21
S 22	0 7 36	0♌2'36	0♌1	17°30	4°5	12°5	17°12	11°22	8°2	9°5	0°58	22°55	24°16	29°2	4°35	S 22
S 23	0 11 33	1°1'18	11°48	19°17	5°17	12°43	17°19	11°30	8°0	9°7	0°57	22°56	24°13	29°9	4°44	S 23
M24	0 15 29	2°0'01	23°38	21°5	6°29	13°21	17°27	11°37	7°57	9°10	0°56	22°57	24°10	29°16	4°53	M24
T 25	0 19 26	2°58'46	5♌38	22°54	7°41	13°59	17°35	11°44	7°55	9°12	0°55	22°R57	24°6	29°22	5°1	T 25
W26	0 23 22	3°57'33	17°51	24°44	8°54	14°37	17°42	11°51	7°53	9°14	0°54	22°56	24°3	29°29	5°10	W26
T 27	0 27 19	4°56'21	0♌23	26°34	10°6	15°15	17°49	11°59	7°50	9°16	0°53	22°53	24°0	29°36	5°19	T 27
F 28	0 31 15	5°55'12	13°18	28°24	11°18	15°53	17°56	12°6	7°48	9°18	0°52	22°48	23°57	29°42	5°28	F 28
S 29	0 35 12	6°54'04	26°38	0♌14	12°30	16°31	18°3	12°13	7°45	9°20	0°51	22°42	23°54	29°49	5°36	S 29
S 30	0 39 8	7♌52'57	10♌23	2♌3	13♍42	17♍9	18♌10	12♍20	7°Y43	9♍22	0♌50	22♌35	23♌51	29♍56	5♌45	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	7n57	20s 0	5s 0	9n31	2s38	2s44	0n46	12n59	1n10	22n33	0s 8	9n44	1n34	2n49	0s45	9n 7	0n44	4s14	17s10	18n59	19n 6	19s32	3s10	2s46	2s46
S 2	7 36	15 20	4 59	9 56	2 19	3 15	0 44	12 46	1 10	22 32	0 8	9 41	1 34	2 48	0 45	9 7	0 44	4 14	17 10	18 56	19 5	19 34	3 13	2 45	2 45
M 3	7 14	9 47	4 41	10 18	2 0	3 46	0 41	12 33	1 10	22 31	0 8	9 38	1 34	2 47	0 45	9 6	0 44	4 15	17 11	18 53	19 4	19 37	3 16	2 45	2 45
T 4	6 51	3 39	4 5	10 37	1 41	4 17	0 39	12 19	1 10	22 30	0 8	9 36	1 34	2 46	0 45	9 5	0 44	4 15	17 11	18 51	19 4	19 39	3 19	2 45	2 45
W 5	6 29	2n46	3 14	10 53	1 23	4 47	0 36	12 6	1 10	22 29	0 8	9 33	1 34	2 45	0 45	9 4	0 44	4 16	17 11	18 49	19 3	19 41	3 22	2 44	2 44
T 6	6 7	9 4	2 10	11 6	1 4	5 18	0 33	11 52	1 10	22 28	0 8	9 30	1 34	2 44	0 45	9 3	0 44	4 16	17 11	18 48	19 2	19 44	3 25	2 44	2 44
F 7	5 44	14 54	0 57	11 16	0 46	5 48	0 31	11 39	1 10	22 27	0 8	9 27	1 34	2 44	0 45	9 3	0 44	4 17	17 12	18 48	19 1	19 46	3 28	2 44	2 44
S 8	5 22	19 54	0n18	11 22	0 29	6 19	0 28	11 25	1 10	22 26	0 8	9 25	1 34	2 43	0 45	9 2	0 44	4 17	17 12	18 47	19 1	19 48	3 31	2 43	2 43
S 9	4 59	23 43	1 32	11 24	0 12	6 49	0 25	11 11	1 10	22 25	0 8	9 22	1 34	2 42	0 45	9 1	0 44	4 18	17 12	18 48	19 0	19 51	3 34	2 43	2 43
M10	4 36	26 2	2 40	11 22	0n 4	7 19	0 22	10 57	1 10	22 24	0 8	9 19	1 34	2 41	0 45	9 0	0 44	4 18	17 12	18 48	18 59	19 53	3 37	2 42	2 42
T 11	4 14	26 42	3 38	11 16	0 19	7 49	0 19	10 43	1 10	22 23	0 8	9 16	1 34	2 40	0 45	8 59	0 44	4 19	17 13	18 47	18 58	19 56	3 40	2 42	2 42
W12	3 51	25 42	4 22	11 7	0 32	8 19	0 17	10 29	1 10	22 22	0 7	9 13	1 35	2 39	0 45	8 58	0 44	4 19	17 13	18 46	18 57	19 58	3 43	2 42	2 42
T 13	3 28	23 11	4 51	10 54	0 45	8 49	0 14	10 15	1 10	22 21	0 7	9 11	1 35	2 38	0 45	8 58	0 44	4 20	17 13	18 45	18 57	20 0	3 46	2 41	2 41
F 14	3 5	19 27	5 3	10 37	0 56	9 18	0 11	10 1	1 10	22 20	0 7	9 8	1 35	2 37	0 45	8 57	0 44	4 20	17 13	18 42	18 56	20 3	3 50	2 41	2 41
S 15	2 42	14 47	4 59	10 17	1 7	9 47	0 8	9 47	1 10	22 19	0 7	9 5	1 35	2 36	0 45	8 56	0 44	4 20	17 14	18 40	18 55	20 5	3 53	2 41	2 41
S 16	2 19	9 32	4 40	9 54	1 16	10 16	0 5	9 33	1 10	22 19	0 7	9 2	1 35	2 36	0 45	8 55	0 44	4 21	17 14	18 37	18 54	20 7	3 56	2 41	2 41
M17	1 55	3 59	4 6	9 27	1 24	10 45	0 1	9 18	1 10	22 18	0 7	9 0	1 35	2 35	0 45	8 54	0 44	4 21	17 14	18 35	18 54	20 10	3 59	2 40	2 40
T 18	1 32	1s38	3 21	8 58	1 31	11 14	0s 2	9 4	1 10	22 17	0 7	8 57	1 35	2 34	0 45	8 54	0 44	4 22	17 14	18 33	18 53	20 12	4 2	2 40	2 40
W19	1 9	7 6	2 28	8 26	1 37	11 42	0 5	8 50	1 10	22 16	0 7	8 54	1 35	2 33	0 45	8 53	0 44	4 22	17 14	18 31	18 52	20 14	4 5	2 40	2 40
T 20	0 46	12 14	1 28	7 51	1 42	12 10	0 8	8 35	1 10	22 15	0 7	8 52	1 35	2 32	0 45	8 52	0 44	4 23	17 15	18 30	18 51	20 17	4 9	2 39	2 39
F 21	0 22	16 50	0 25	7 14	1 45	12 38	0 11	8 21	1 10	22 14	0 7	8 49	1 35	2 31	0 45	8 51	0 44	4 23	17 15	18 30	18 51	20 19	4 12	2 39	2 39
S 22	0s 1	20 46	0s38	6 36	1 48	13 6	0 14	8 6	1 10	22 13	0 7	8 46	1 35	2 30	0 45	8 51	0 44	4 24	17 15	18 30	18 50	20 21	4 15	2 39	2 39
S 23	0 24	23 51	1 40	5 56	1 50	13 33	0 18	7 52	1 10	22 12	0 6	8 43	1 36	2 29	0 45	8 50	0 44	4 24	17 15	18 30	18 49	20 24	4 18	2 38	2 38
M24	0 48	25 54	2 38	5 14	1 51	14 0	0 21	7 37	1 10	22 11	0 6	8 41	1 36	2 28	0 45	8 49	0 44	4 25	17 15	18 30	18 48	20 26	4 21	2 38	2 38
T 25	1 11	26 48	3 30	4 31	1 51	14 27	0 24	7 22	1 10	22 10	0 6	8 38	1 36	2 27	0 45	8 48	0 44	4 25	17 15	18 30	18 47	20 28	4 25	2 38	2 38
W26	1 34	26 25	4 13	3 47	1 51	14 53	0 27	7 8	1 10	22 9	0 6	8 35	1 36	2 26	0 45	8 47	0 44	4 26	17 16	18 30	18 47	20 30	4 28	2 38	2 38
T 27	1 58	24 42	4 45	3 2	1 50	15 19	0 31	6 53	1 10	22 9	0 6	8 33	1 36	2 25	0 45	8 47	0 44	4 26	17 16	18 29	18 46	20 33	4 31	2 37	2 37
F 28	2 21	21 41	5 5	2 17	1 48	15 45	0 34	6 38	1 10	22 8	0 6	8 30	1 36	2 24	0 45	8 46	0 44	4 27	17 16	18 28	18 45	20 35	4 34	2 37	2 37
S 29	2 44	17 27	5 8	1 31	1 45	16 10	0 37	6 23	1 10	22 7	0 6	8 28	1 36	2 23	0 45	8 45	0 44	4 27	17 16	18 26	18 44	20 37	4 37	2 37	2 37
S 30	3s 8	12s12	4s54	0n45	1n42	16s35	0s41	6n 8	1n10	22n 6	0s 6	8n25	1n36	2n22	0s45	8n44	0n44	4s28	17s16	18n24	18n43	20s40	4s41	2s36	2s36

ASTRODIENST EPHEMERIS for the year 2096

geocentric

OCTOBER 2096

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 43 5	8♂51'53	24♂33	3♂52	14♂54	17♂47	18♂16	12♂27	7°R40	9♂24	0°R49	22°R27	23♂47	0♂2	5♂54	M 1
T 2	0 47 1	9°50'50	9°Y 2	5°41	16° 6	18°25	18°23	12°34	7°Y38	9°26	0♂48	22♂21	23°44	0° 9	6° 3	T 2
W 3	0 50 58	10°49'50	23°44	7°29	17°18	19° 3	18°29	12°41	7°36	9°28	0°47	22°17	23°41	0°15	6°11	W 3
T 4	0 54 55	11°48'51	8♂31	9°16	18°30	19°41	18°35	12°48	7°33	9°30	0°46	22°14	23°38	0°22	6°20	T 4
F 5	0 58 51	12°47'55	23°17	11° 3	19°41	20°19	18°41	12°55	7°31	9°32	0°45	22°D13	23°35	0°29	6°29	F 5
S 6	1 2 48	13°47'01	7♂55	12°49	20°53	20°57	18°47	13° 2	7°28	9°34	0°44	22°14	23°31	0°35	6°38	S 6
S 7	1 6 44	14°46'10	22°20	14°34	22° 5	21°35	18°53	13° 9	7°26	9°35	0°43	22°15	23°28	0°42	6°46	S 7
M 8	1 10 41	15°45'21	6♂30	16°18	23°17	22°13	18°58	13°16	7°24	9°37	0°42	22°17	23°25	0°49	6°55	M 8
T 9	1 14 37	16°44'34	20°23	18° 2	24°28	22°51	19° 4	13°23	7°21	9°39	0°41	22°R17	23°22	0°55	7° 4	T 9
W10	1 18 34	17°43'49	4♂0	19°45	25°40	23°29	19° 9	13°29	7°19	9°41	0°40	22°16	23°19	1° 2	7°12	W10
T 11	1 22 30	18°43'07	17°21	21°27	26°51	24° 7	19°14	13°36	7°17	9°43	0°38	22°13	23°16	1° 9	7°21	T 11
F 12	1 26 27	19°42'27	0♂26	23° 9	28° 3	24°45	19°19	13°43	7°14	9°45	0°37	22° 9	23°12	1°15	7°30	F 12
S 13	1 30 24	20°41'49	13°18	24°49	29°14	25°23	19°23	13°49	7°12	9°47	0°36	22° 4	23° 9	1°22	7°38	S 13
S 14	1 34 20	21°41'14	25°57	26°29	0♂26	26° 1	19°28	13°56	7° 9	9°48	0°35	21°58	23° 6	1°29	7°47	S 14
M15	1 38 17	22°40'40	8♂24	28° 8	1°37	26°39	19°32	14° 2	7° 7	9°50	0°34	21°53	23° 3	1°35	7°56	M15
T 16	1 42 13	23°40'09	20°39	29°47	2°49	27°17	19°36	14° 9	7° 5	9°52	0°33	21°49	23° 0	1°42	8° 4	T 16
W17	1 46 10	24°39'40	2♂44	1♂25	4° 0	27°55	19°40	14°15	7° 3	9°53	0°32	21°46	22°56	1°49	8°13	W17
T 18	1 50 6	25°39'12	14°41	3° 2	5°11	28°33	19°44	14°22	7° 0	9°55	0°31	21°45	22°53	1°55	8°21	T 18
F 19	1 54 3	26°38'47	26°31	4°38	6°23	29°11	19°48	14°28	6°58	9°57	0°29	21°D45	22°50	2° 2	8°30	F 19
S 20	1 57 59	27°38'24	8♂18	6°14	7°34	29°49	19°51	14°34	6°56	9°58	0°28	21°46	22°47	2° 8	8°38	S 20
S 21	2 1 56	28°38'02	20° 5	7°50	8°45	0♂27	19°54	14°40	6°54	10° 0	0°27	21°47	22°44	2°15	8°47	S 21
M22	2 5 53	29°37'42	1♂55	9°24	9°56	1° 5	19°57	14°46	6°52	10° 2	0°26	21°49	22°41	2°22	8°55	M22
T 23	2 9 49	0♂37'25	13°53	10°58	11° 7	1°43	20° 0	14°53	6°49	10° 3	0°25	21°50	22°37	2°28	9° 4	T 23
W24	2 13 46	1°37'08	26° 4	12°32	12°18	2°21	20° 3	14°59	6°47	10° 5	0°24	21°R51	22°34	2°35	9°12	W24
T 25	2 17 42	2°36'54	8♂32	14° 5	13°29	2°59	20° 5	15° 5	6°45	10° 6	0°23	21°51	22°31	2°42	9°20	T 25
F 26	2 21 39	3°36'41	21°22	15°37	14°40	3°37	20° 8	15°10	6°43	10° 8	0°22	21°50	22°28	2°48	9°29	F 26
S 27	2 25 35	4°36'30	4♂38	17° 9	15°50	4°15	20°10	15°16	6°41	10° 9	0°20	21°49	22°25	2°55	9°37	S 27
S 28	2 29 32	5°36'20	18°21	18°41	17° 1	4°52	20°12	15°22	6°39	10°11	0°19	21°47	22°22	3° 2	9°45	S 28
M29	2 33 28	6°36'12	2°Y31	20°11	18°12	5°30	20°14	15°28	6°37	10°12	0°18	21°45	22°18	3° 8	9°53	M29
T 30	2 37 25	7°36'06	17° 5	21°42	19°22	6° 8	20°15	15°33	6°35	10°14	0°17	21°43	22°15	3°15	10° 2	T 30
W31	2 41 22	8♂36'02	1♂59	23♂11	20♂33	6♂46	20♂16	15♂39	6°Y33	10♂15	0♂16	21♂42	22♂12	3♂22	10♂10	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	3s31	6s10	4s22	0s 1	1n39	17s 0	0s44	5n54	1n10	22n 5	0s 6	8n22	1n37	2n21	0s45	8n44
T 2	3 54	0n19	3 33	0 48	1 35	17 24	0 47	5 39	1 10	22 5	0 6	8 20	1 37	2 20	0 45	8 43
W 3	4 17	6 54	2 29	1 34	1 31	17 48	0 51	5 24	1 10	22 4	0 5	8 17	1 37	2 19	0 45	8 42
T 4	4 40	13 10	1 14	2 21	1 26	18 11	0 54	5 9	1 10	22 3	0 5	8 15	1 37	2 19	0 45	8 42
F 5	5 3	18 41	0n 6	3 7	1 21	18 34	0 57	4 54	1 10	22 2	0 5	8 12	1 37	2 18	0 45	8 41
S 6	5 26	23 0	1 24	3 53	1 16	18 56	1 0	4 39	1 9	22 2	0 5	8 10	1 37	2 17	0 45	8 40
S 7	5 49	25 49	2 37	4 39	1 11	19 18	1 4	4 24	1 9	22 1	0 5	8 7	1 37	2 16	0 45	8 39
M 8	6 12	26 54	3 38	5 25	1 5	19 40	1 7	4 9	1 9	22 0	0 5	8 5	1 38	2 15	0 45	8 39
T 9	6 35	26 15	4 25	6 10	0 59	20 1	1 10	3 54	1 9	22 0	0 5	8 2	1 38	2 14	0 45	8 38
W10	6 57	24 3	4 57	6 54	0 53	20 21	1 13	3 39	1 9	21 59	0 5	8 0	1 38	2 13	0 45	8 37
T 11	7 20	20 34	5 11	7 38	0 47	20 41	1 17	3 24	1 9	21 58	0 5	7 57	1 38	2 12	0 45	8 37
F 12	7 42	16 7	5 9	8 22	0 40	21 1	1 20	3 8	1 9	21 58	0 5	7 55	1 38	2 11	0 45	8 36
S 13	8 5	11 2	4 51	9 5	0 34	21 20	1 23	2 53	1 9	21 57	0 4	7 52	1 38	2 10	0 45	8 35
S 14	8 27	5 35	4 19	9 48	0 27	21 38	1 26	2 38	1 9	21 57	0 4	7 50	1 38	2 9	0 45	8 35
M15	8 49	0s 1	3 36	10 29	0 20	21 56	1 29	2 23	1 9	21 56	0 4	7 48	1 39	2 8	0 45	8 34
T 16	9 11	5 33	2 43	11 11	0 14	22 13	1 32	2 8	1 9	21 56	0 4	7 45	1 39	2 7	0 45	8 34
W17	9 33	10 48	1 43	11 51	0 7	22 30	1 36	1 53	1 9	21 55	0 4	7 43	1 39	2 6	0 45	8 33
T 18	9 55	15 37	0 39	12 31	0s 0	22 46	1 39	1 38	1 9	21 55	0 4	7 41	1 39	2 5	0 45	8 32
F 19	10 16	19 48	0s26	13 10	0 7	23 2	1 42	1 22	1 9	21 54	0 4	7 38	1 39	2 4	0 45	8 32
S 20	10 38	23 10	1 30	13 49	0 14	23 17	1 44	1 7	1 8	21 54	0 4	7 36	1 39	2 3	0 45	8 31
S 21	10 59	25 33	2 30	14 26	0 21	23 31	1 47	0 52	1 8	21 54	0 4	7 34	1 40	2 2	0 45	8 31
M22	11 20	26 49	3 24	15 3	0 27	23 45	1 50	0 37	1 8	21 53	0 4	7 32	1 40	2 1	0 45	8 30
T 23	11 41	26 51	4 10	15 39	0 34	23 58	1 53	0 22	1 8	21 53	0 3	7 30	1 40	2 0	0 45	8 29
W24	12 2	25 35	4 45	16 15	0 41	24 10	1 56	0 6	1 8	21 53	0 3	7 27	1 40	2 0	0 45	8 29
T 25	12 22	23 4	5 8	16 49	0 48	24 22	1 59	0s 9	1 8	21 52	0 3	7 25	1 40	2 0	0 45	8 28
F 26	12 43	19 21	5 16	17 23	0 54	24 33	2 1	0 24	1 8	21 52	0 3	7 23	1 41	1 59	0 45	8 28
S 27	13 3	14 35	5 8	17 55	1 1	24 44	2 4	0 39	1 8	21 52	0 3	7 21	1 41	1 58	0 44	8 27
S 28	13 23	8 57	4 43	18 27	1 7	24 53	2 6	0 54	1 8	21 52	0 3	7 19	1 41	1 57	0 44	8 27
M29	13 43	2 40	4 0	18 58	1 14	25 3	2 9	1 9	1 7	21 52	0 3	7 17	1 41	1 57	0 44	8 26
T 30	14 2	3n56	3 0	19 28	1 20	25 11	2 11	1 24	1 7	21 52	0 3	7 15	1 41	1 56	0 44	8 26
W31	14s22	10n29	1s47	19s57	1s26	25s19	2s14	1s39	1n 7	21n51	0s 3	7n13	1n42	1n55	0s44	8n25

Julian Day Number = 2486882.5, Delta T = 91.70 sec
 Ecliptic obliquity = 23°25'42", Nutation = - 0°00'14", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 26°05'31", Lahiri = 25°12'32"

ASTRODIENST EPHEMERIS for the year 2096
geocentric

DECEMBER 2096

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 43 35	9♌48'47	25♊28	28♌45	26♌5	26♌21	19°R20	17♏52	5°R51	10♏42	29°R45	21°R40	20♏34	6♌48	13♏57	S 1
S 2	4 47 31	10°49'34	10♏31	28°R50	27°12	26°58	19♏15	17°55	5°Y51	10°43	29°Y44	21♏38	20°30	6°54	14° 4	S 2
M 3	4 51 28	11°50'22	25°16	28°44	28°18	27°36	19°10	17°58	5°50	10°43	29°43	21°35	20°27	7° 1	14°10	M 3
T 4	4 55 25	12°51'12	9♏235	28°27	29°24	28°14	19° 5	18° 1	5°50	10°43	29°42	21°32	20°24	7° 8	14°16	T 4
W 5	4 59 21	13°52'03	23°26	28° 0	0♏30	28°52	18°59	18° 3	5°49	10°43	29°41	21°30	20°21	7°14	14°22	W 5
T 6	5 3 18	14°52'56	6♏48	27°21	1°35	29°30	18°54	18° 6	5°49	10°44	29°41	21°29	20°18	7°21	14°28	T 6
F 7	5 7 14	15°53'49	19°45	26°31	2°40	0♏ 7	18°48	18° 8	5°48	10°44	29°40	21°D28	20°14	7°28	14°34	F 7
S 8	5 11 11	16°54'44	2♌20	25°31	3°45	0°45	18°42	18°10	5°48	10°44	29°39	21°29	20°11	7°34	14°40	S 8
S 9	5 15 7	17°55'41	14°36	24°22	4°50	1°23	18°36	18°12	5°48	10°44	29°38	21°31	20° 8	7°41	14°46	S 9
M10	5 19 4	18°56'38	26°40	23° 6	5°55	2° 1	18°30	18°14	5°47	10°44	29°38	21°33	20° 5	7°48	14°51	M10
T 11	5 23 0	19°57'37	8♏33	21°45	6°59	2°39	18°24	18°16	5°47	10°44	29°37	21°34	20° 2	7°54	14°57	T 11
W12	5 26 57	20°58'37	20°22	20°22	8° 3	3°16	18°18	18°18	5°47	10°R44	29°36	21°R35	19°59	8° 1	15° 2	W12
T 13	5 30 54	21°59'37	2♌ 9	19° 0	9° 7	3°54	18°11	18°20	5°47	10°44	29°36	21°34	19°55	8° 8	15° 8	T 13
F 14	5 34 50	23° 0'39	13°56	17°41	10°10	4°32	18° 4	18°21	5°D47	10°44	29°35	21°32	19°52	8°14	15°13	F 14
S 15	5 38 47	24° 1'42	25°47	16°28	11°13	5°10	17°58	18°23	5°47	10°44	29°35	21°28	19°49	8°21	15°18	S 15
S 16	5 42 43	25° 2'45	7♌43	15°23	12°16	5°47	17°51	18°24	5°47	10°44	29°34	21°23	19°46	8°27	15°23	S 16
M17	5 46 40	26° 3'49	19°45	14°28	13°18	6°25	17°44	18°25	5°47	10°44	29°33	21°16	19°43	8°34	15°28	M17
T 18	5 50 36	27° 4'54	1♏55	13°43	14°20	7° 3	17°36	18°27	5°47	10°44	29°33	21°10	19°40	8°41	15°33	T 18
W19	5 54 33	28° 5'59	14°16	13° 9	15°22	7°41	17°29	18°28	5°48	10°43	29°32	21° 3	19°36	8°47	15°38	W19
T 20	5 58 29	29° 7'04	26°48	12°46	16°23	8°18	17°22	18°29	5°48	10°43	29°32	20°58	19°33	8°54	15°43	T 20
F 21	6 2 26	0♌ 8'10	9♏35	12°34	17°24	8°56	17°14	18°29	5°48	10°43	29°31	20°54	19°30	9° 1	15°48	F 21
S 22	6 6 23	1° 9'15	22°38	12°D32	18°24	9°34	17° 7	18°30	5°49	10°43	29°31	20°52	19°27	9° 7	15°52	S 22
S 23	6 10 19	2°10'21	6°Y 1	12°40	19°24	10°11	16°59	18°31	5°49	10°42	29°30	20°D51	19°24	9°14	15°56	S 23
M24	6 14 16	3°11'28	19°45	12°56	20°24	10°49	16°52	18°31	5°49	10°42	29°30	20°52	19°20	9°21	16° 1	M24
T 25	6 18 12	4°12'34	3♌52	13°21	21°23	11°27	16°44	18°32	5°50	10°41	29°30	20°54	19°17	9°27	16° 5	T 25
W26	6 22 9	5°13'41	18°21	13°52	22°22	12° 4	16°36	18°32	5°51	10°41	29°29	20°R54	19°14	9°34	16° 9	W26
T 27	6 26 5	6°14'47	3♊10	14°30	23°20	12°42	16°28	18°32	5°51	10°40	29°29	20°54	19°11	9°41	16°13	T 27
F 28	6 30 2	7°15'54	18°12	15°14	24°18	13°20	16°20	18°R32	5°52	10°40	29°29	20°51	19° 8	9°47	16°17	F 28
S 29	6 33 58	8°17'01	3♏21	16° 3	25°15	13°57	16°12	18°32	5°53	10°39	29°28	20°46	19° 5	9°54	16°21	S 29
S 30	6 37 55	9°18'09	18°25	16°57	26°11	14°35	16° 4	18°32	5°53	10°39	29°28	20°39	19° 1	10° 1	16°25	S 30
M31	6 41 52	10♌19'16	3♏15	17♌54	27♏ 7	15♏12	15♏56	18♏32	5°Y54	10♏38	29°Y28	20♏31	18♏58	10♌ 7	16♏28	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	21s55	26n17	2n56	24s58	1s32	23s33	2s40	9s12	1n 2	22n 4	0n 1	6n28	1n49	1n40	0s43	8n16
S 2	22 3	26 58	3 58	24 45	1 19	23 19	2 39	9 26	1 1	22 4	0 2	6 27	1 49	1 39	0 43	8 16
M 3	22 12	25 43	4 43	24 30	1 5	23 4	2 38	9 40	1 1	22 5	0 2	6 26	1 49	1 39	0 43	8 16
T 4	22 20	22 48	5 9	24 14	0 49	22 49	2 37	9 54	1 1	22 6	0 2	6 25	1 49	1 39	0 43	8 16
W 5	22 27	18 40	5 15	23 57	0 32	22 34	2 35	10 7	1 1	22 7	0 2	6 24	1 50	1 39	0 43	8 16
T 6	22 34	13 43	5 4	23 38	0 14	22 18	2 34	10 21	1 0	22 8	0 2	6 24	1 50	1 39	0 43	8 15
F 7	22 41	8 19	4 38	23 18	0n 5	22 1	2 32	10 34	1 0	22 9	0 2	6 23	1 50	1 39	0 43	8 15
S 8	22 47	2 44	3 59	22 56	0 25	21 44	2 30	10 48	1 0	22 10	0 2	6 22	1 50	1 39	0 43	8 15
S 9	22 53	2s50	3 10	22 33	0 46	21 26	2 28	11 1	0 59	22 11	0 3	6 22	1 51	1 38	0 43	8 15
M10	22 58	8 13	2 13	22 9	1 6	21 8	2 26	11 15	0 59	22 12	0 3	6 21	1 51	1 38	0 43	8 15
T 11	23 3	13 14	1 11	21 45	1 25	20 50	2 23	11 28	0 59	22 13	0 3	6 21	1 51	1 38	0 43	8 15
W12	23 7	17 43	0 7	21 21	1 44	20 31	2 21	11 41	0 59	22 14	0 3	6 20	1 51	1 38	0 43	8 15
T 13	23 11	21 31	0s58	20 58	2 1	20 11	2 18	11 54	0 58	22 15	0 3	6 20	1 52	1 38	0 43	8 15
F 14	23 15	24 26	1 59	20 37	2 15	19 52	2 15	12 7	0 58	22 16	0 3	6 19	1 52	1 38	0 43	8 16
S 15	23 18	26 18	2 56	20 17	2 28	19 31	2 12	12 20	0 58	22 17	0 3	6 19	1 52	1 38	0 43	8 16
S 16	23 20	26 57	3 46	20 0	2 38	19 11	2 9	12 33	0 57	22 18	0 4	6 19	1 53	1 38	0 43	8 16
M17	23 22	26 21	4 25	19 46	2 46	18 50	2 6	12 45	0 57	22 19	0 4	6 18	1 53	1 39	0 43	8 16
T 18	23 24	24 29	4 53	19 36	2 52	18 28	2 2	12 58	0 57	22 20	0 4	6 18	1 53	1 39	0 43	8 16
W19	23 25	21 27	5 8	19 28	2 55	18 6	1 58	13 11	0 56	22 21	0 4	6 18	1 53	1 39	0 43	8 16
T 20	23 26	17 25	5 9	19 24	2 57	17 44	1 55	13 23	0 56	22 22	0 4	6 18	1 54	1 39	0 43	8 16
F 21	23 26	12 31	4 54	19 23	2 56	17 22	1 51	13 35	0 56	22 23	0 4	6 18	1 54	1 39	0 43	8 16
S 22	23 25	6 58	4 24	19 24	2 55	16 59	1 46	13 48	0 55	22 24	0 4	6 18	1 54	1 39	0 43	8 16
S 23	23 25	0 58	3 39	19 28	2 51	16 36	1 42	14 0	0 55	22 25	0 5	6 18	1 54	1 40	0 43	8 17
M24	23 23	5n14	2 41	19 35	2 47	16 13	1 37	14 12	0 55	22 27	0 5	6 18	1 55	1 40	0 42	8 17
T 25	23 22	11 22	1 31	19 43	2 42	15 50	1 32	14 24	0 54	22 28	0 5	6 18	1 55	1 40	0 42	8 17
W26	23 20	17 4	0 14	19 53	2 36	15 26	1 27	14 36	0 54	22 29	0 5	6 18	1 55	1 40	0 42	8 17
T 27	23 17	21 51	1n 6	20 4	2 29	15 2	1 22	14 47	0 54	22 30	0 5	6 18	1 55	1 41	0 42	8 17
F 28	23 18	25 16	2 22	20 16	2 22	14 38	1 17	14 59	0 53	22 31	0 5	6 18	1 56	1 41	0 42	8 18
S 29	23 10	26 52	3 29	20 28	2 14	14 13	1 11	15 11	0 53	22 32	0 5	6 19	1 56	1 41	0 42	8 18
S 30	23 6	26 28	4 20	20 41	2 6	13 49	1 6	15 22	0 52	22 33	0 6	6 19	1 56	1 42	0 42	8 18
M31	23s 2	24n10	4n53	20s55	1n58	13s24	1s 0	15s33	0n52	22n34	0n 6	6n19	1n57	1n42	0s42	8n18

Julian Day Number = 2486943.5, Delta T = 91.78 sec
Ecliptic obliquity = 23°25'41, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°05'40, Lahiri = 25°12'40