



Astrodienst Ephemeris Tables for the year 2084

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 2084

geocentric

JANUARY 2084

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 42 28	10 ³² 29'10	9 ²³ 30	18 ²⁷ 26	18 ²⁸ 59	5 ²⁷ 17	2°R 8	16 ¹⁶ 32	15 ²⁵ 55	11°R30	16 ¹⁷ 21	29°R24	0 ²² 24	21 ¹¹ 23	25°R 6	S 1
S 2	6 46 25	11°30'19	23° 6	19°36	20°12	5°59	2 ¹¹ 3	16°36	15°58	11 ¹² 28	16°21	29 ²³ 24	0°21	21°29	25 ²⁸ 4	S 2
M 3	6 50 21	12°31'29	7 ¹¹ 6	20°48	21°24	6°40	1°58	16°41	16° 1	11°27	16°22	29°23	0°18	21°36	25° 2	M 3
T 4	6 54 18	13°32'39	21°31	22° 2	22°37	7°22	1°54	16°45	16° 4	11°25	16°22	29°21	0°15	21°43	25° 0	T 4
W 5	6 58 15	14°33'50	6 ²⁷ 17	23°18	23°49	8° 3	1°50	16°50	16° 8	11°24	16°22	29°19	0°11	21°49	24°58	W 5
T 6	7 2 11	15°35'00	21°18	24°35	25° 1	8°45	1°46	16°55	16°11	11°23	16°22	29°17	0° 8	21°56	24°57	T 6
F 7	7 6 8	16°36'11	6 ²³ 27	25°54	26°13	9°26	1°42	17° 0	16°14	11°21	16°22	29°16	0° 5	22° 3	24°55	F 7
S 8	7 10 4	17°37'22	21°32	27°14	27°25	10° 8	1°38	17° 4	16°17	11°20	16°22	29°15	0° 2	22° 9	24°53	S 8
S 9	7 14 1	18°38'32	6 ²² 26	28°35	28°37	10°50	1°35	17° 9	16°20	11°18	16°22	29°D15	29 ²³ 59	22°16	24°52	S 9
M10	7 17 57	19°39'43	21° 1	29°57	29°49	11°31	1°32	17°14	16°23	11°17	16°23	29°15	29°56	22°23	24°50	M10
T 11	7 21 54	20°40'52	5 ¹¹ 11	1 ²³ 20	1 ¹⁸ 1	12°13	1°29	17°19	16°27	11°15	16°23	29°16	29°52	22°30	24°49	T 11
W12	7 25 51	21°42'02	18°55	2°45	2°13	12°55	1°26	17°25	16°30	11°13	16°23	29°17	29°49	22°36	24°47	W12
T 13	7 29 47	22°43'10	2 ¹⁷ 11	4°10	3°24	13°36	1°23	17°30	16°33	11°12	16°23	29°18	29°46	22°43	24°46	T 13
F 14	7 33 44	23°44'19	15° 4	5°35	4°36	14°18	1°21	17°35	16°36	11°10	16°24	29°18	29°43	22°50	24°45	F 14
S 15	7 37 40	24°45'26	27°34	7° 2	5°47	15° 0	1°18	17°40	16°40	11° 9	16°24	29°R18	29°40	22°56	24°44	S 15
S 16	7 41 37	25°46'33	9 ²⁸ 48	8°29	6°59	15°42	1°16	17°46	16°43	11° 7	16°24	29°18	29°36	23° 3	24°43	S 16
M17	7 45 33	26°47'39	21°50	9°57	8°10	16°23	1°15	17°51	16°46	11° 5	16°25	29°18	29°33	23°10	24°41	M17
T 18	7 49 30	27°48'45	3 ¹¹ 43	11°26	9°21	17° 5	1°13	17°57	16°50	11° 4	16°25	29°17	29°30	23°16	24°40	T 18
W19	7 53 26	28°49'50	15°32	12°55	10°32	17°47	1°11	18° 3	16°53	11° 2	16°26	29°D17	29°27	23°23	24°40	W19
T 20	7 57 23	29°50'54	27°21	14°24	11°43	18°29	1°10	18° 8	16°56	11° 0	16°26	29°17	29°24	23°30	24°39	T 20
F 21	8 1 20	0 ²² 51'57	9 ²⁸ 13	15°55	12°54	19°11	1° 9	18°14	17° 0	10°59	16°27	29°17	29°21	23°36	24°38	F 21
S 22	8 5 16	1°53'00	21°10	17°26	14° 4	19°53	1° 8	18°20	17° 3	10°57	16°27	29°18	29°17	23°43	24°37	S 22
S 23	8 9 13	2°54'02	3 ¹² 15	18°57	15°15	20°35	1° 8	18°26	17° 6	10°56	16°28	29°R18	29°14	23°50	24°36	S 23
M24	8 13 9	3°55'04	15°28	20°30	16°25	21°17	1° 7	18°32	17°10	10°54	16°28	29°17	29°11	23°56	24°36	M24
T 25	8 17 6	4°56'04	27°52	22° 2	17°35	21°59	1°D 7	18°38	17°13	10°52	16°29	29°17	29° 8	24° 3	24°35	T 25
W26	8 21 2	5°57'04	10 ¹¹ 28	23°36	18°45	22°41	1° 7	18°44	17°17	10°50	16°29	29°16	29° 5	24°10	24°35	W26
T 27	8 24 59	6°58'03	23°17	25°10	19°55	23°23	1° 8	18°50	17°20	10°49	16°30	29°15	29° 2	24°16	24°34	T 27
F 28	8 28 55	7°59'02	6 ¹² 21	26°44	21° 5	24° 6	1° 8	18°56	17°24	10°47	16°31	29°14	28°58	24°23	24°34	F 28
S 29	8 32 52	9° 0'00	19°39	28°20	22°15	24°48	1° 9	19° 2	17°27	10°45	16°31	29°13	28°55	24°30	24°34	S 29
S 30	8 36 49	10° 0'58	3 ¹¹ 14	29°55	23°24	25°30	1° 9	19° 9	17°31	10°44	16°32	29°13	28°52	24°36	24°33	S 30
M31	8 40 45	11 ²² 1'55	17 ¹¹ 6	1 ²³ 32	24 ¹⁸ 34	26 ²⁷ 12	1 ¹¹ 10	19 ¹⁶ 15	17 ²² 34	10 ¹² 42	16 ¹⁷ 33	29°D13	28 ²³ 49	24 ¹¹ 43	24 ²⁸ 33	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
S 1	23s 1	8s19	4s57	21s19	1n37	16s53	1s51	21s 2	0n 8	19n46	0s50	7s10	2s 1	16s41	0s40	17n16	0s 4	9s24	17s 8	20s16	20s 3	26n23	15n48	3s20	
S 2	22 56	13 50	5 14	21 33	1 29	16 29	1 50	21 10	0 8	19 45	0 49	7 9	2 1	16 41	0 40	17 16	0 4	9 24	17 8	20 16	20 4	26 23	15 47	3 20	
M 3	22 50	18 49	5 13	21 47	1 20	16 5	1 49	21 18	0 7	19 45	0 49	7 7	2 1	16 40	0 40	17 16	0 4	9 23	17 8	20 16	20 5	26 23	15 47	3 20	
T 4	22 44	22 51	4 53	22 0	1 11	15 40	1 48	21 26	0 6	19 44	0 49	7 5	2 1	16 39	0 40	17 17	0 4	9 23	17 7	20 17	20 5	26 22	15 47	3 20	
W 5	22 38	25 30	4 13	22 13	1 3	15 15	1 46	21 33	0 6	19 44	0 49	7 3	2 1	16 38	0 40	17 17	0 4	9 23	17 7	20 17	20 6	26 22	15 46	3 20	
T 6	22 31	26 23	3 15	22 25	0 54	14 49	1 44	21 40	0 5	19 43	0 48	7 1	2 1	16 37	0 40	17 18	0 4	9 22	17 6	20 18	20 7	26 22	15 46	3 19	
F 7	22 24	25 19	2 3	22 36	0 46	14 23	1 43	21 47	0 4	19 42	0 48	6 59	2 0	16 36	0 40	17 18	0 4	9 22	17 6	20 18	20 7	26 22	15 46	3 19	
S 8	22 16	22 25	0 43	22 47	0 37	13 57	1 41	21 54	0 4	19 42	0 48	6 57	2 0	16 35	0 40	17 18	0 4	9 22	17 6	20 18	20 8	26 21	15 45	3 19	
S 9	22 8	18 1	0n40	22 56	0 29	13 30	1 39	22 1	0 3	19 41	0 48	6 55	2 0	16 34	0 40	17 19	0 4	9 21	17 5	20 18	20 9	26 21	15 45	3 19	
M10	21 59	12 37	1 58	23 5	0 21	13 3	1 37	22 7	0 2	19 41	0 47	6 53	2 0	16 33	0 40	17 19	0 4	9 21	17 5	20 18	20 9	26 21	15 45	3 19	
T 11	21 50	6 43	3 7	23 13	0 13	12 35	1 35	22 13	0 2	19 41	0 47	6 51	2 0	16 32	0 40	17 20	0 4	9 20	17 5	20 18	20 10	26 20	15 45	3 19	
W12	21 41	0 40	4 2	23 19	0 5	12 8	1 33	22 19	0 1	19 40	0 47	6 49	2 0	16 31	0 40	17 20	0 4	9 20	17 4	20 18	20 11	26 20	15 44	3 19	
T 13	21 31	5n12	4 43	23 25	0s 3	11 40	1 31	22 25	0 0	19 40	0 47	6 46	2 0	16 30	0 40	17 21	0 4	9 19	17 4	20 17	20 11	26 20	15 44	3 19	
F 14	21 21	10 40	5 8	23 29	0 10	11 11	1 28	22 31	0s 0	19 40	0 46	6 44	2 0	16 29	0 40	17 21	0 4	9 19	17 4	20 17	20 12	26 19	15 44	3 19	
S 15	21 10	15 32	5 17	23 32	0 18	10 43	1 26	22 36	0 1	19 40	0 46	6 42	1 59	16 28	0 40	17 22	0 4	9 18	17 3	20 17	20 13	26 19	15 44	3 19	
S 16	20 59	19 41	5 12	23 35	0 25	10 14	1 23	22 42	0 2	19 39	0 46	6 40	1 59	16 27	0 40	17 22	0 4	9 18	17 3	20 17	20 13	26 19	15 44	3 18	
M17	20 47	22 56	4 54	23 36	0 32	9 45	1 21	22 47	0 3	19 39	0 46	6 38	1 59	16 26	0 40	17 22	0 4	9 18	17 2	20 17	20 14	26 18	15 43	3 18	
T 18	20 35	25 11	4 22	23 35	0 39	9 16	1 18	22 51	0 3	19 39	0 45	6 35	1 59	16 25	0 40	17 23	0 4	9 17	17 2	20 17	20 15	26 18	15 43	3 18	
W19	20 23	26 17	3 40	23 34	0 46	8 46	1 15	22 56	0 4	19 39	0 45	6 33	1 59	16 24	0 40	17 23	0 4	9 17	17 2	20 17	20 15	26 18	15 43	3 18	
T 20	20 10	26 13	2 48	23 31	0 52	8 17	1 12	23 1	0 5	19 39	0 45	6 31	1 59	16 23	0 40	17 24	0 4	9 16	17 1	20 17	20 16	26 17	15 43	3 18	
F 21	19 57	24 56	1 49	23 27	0 59	7 47	1 9	23 5	0 5	19 39	0 45	6 28	1 59	16 22	0 40	17 24	0 4	9 16	17 1	20 17	20 17	26 17	15 43	3 18	
S 22	19 44	22 30	0 45	23 22	1 5	7 17	1 6	23 9	0 6	19 39	0 44	6 26	1 59	16 21	0 40	17 25	0 4	9 15	17 1	20 17	20 17	26 17	15 43	3 18	
S 23	19 30	19 4	0s22	23 15	1 10	6 47	1 3	23 13	0 7	19 39	0 44	6 24	1 59	16 20	0 40	17 25	0 4	9 15	17 0	20 17	20 18	26 16	15 43	3 18	
M24	19 16	14 47	1 29	23 7	1 16	6 16	0 59	23 16	0 8	19 40	0 44	6 21	1 58	16 19	0 40	17 26	0 4	9 14	17 0	20 17	20 19	26 16	15 43	3 18	
T 25	19 1	9 50	2 32	22 58	1 21	5 46	0 56	23 20	0 8	19 40	0 44	6 19	1 58	16 18	0 40	17 26	0 4	9 13	17 0	20 18	20 19	26 15	15 43	3 17	
W26	18 47	4 24	3 29	22 47	1 26	5 15	0 53	23 23	0 9	19 40	0 43	6 16	1 58	16 17	0 40	17 27	0 4	9 13	16 59	20 18	20 20	26 15	15 43	3 17	
T 27	18 31	1s16	4 17	22 35	1 31	4 44	0 49	23 26	0 10	19 40	0 43	6 14	1 58	16 16	0 40	17 27	0 4	9 12	16 59	20 18	20 21	26 14	15 43	3 17	
F 28	18 16	6 59	4 52	22 22	1 36	4 14	0 45	23 28	0 11	19 41	0 43	6 11	1 58	16 15	0 40	17 28	0 4	9 12	16 59	20 18	20 21	26 14	15 43	3 17	
S 29	18 0	12 30	5 13	22 7	1 40	3 43	0 42	23 31	0 11	19 41	0 43	6 9	1 58	16 14	0 40	17 28	0 4	9 11	16 58	20 18	20 22	26 14	15 43	3 17	
S 30	17 44	17 32	5 16	21 51	1 44	3 12	0 38	23 33	0 12	19 42	0 42	6 6	1 58	16 13	0 40	17 29	0 4	9 11	16 58	20 18	20 23	26 13	15 43	3 17	
M31	17s27	21s45	5s 2	21s33	1s48	2s41	0s34	23s35	0s13	19n42	0s42	6s 4	1s58	16s11	0s40	17n29	0s 4	9s10	16s58	20s18	20s23	26n13	15n43	3s17	

ASTRODIENST EPHEMERIS for the year 2084
geocentric

FEBRUARY 2084

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 44 42	12♈ 2°51	1♈15	3♈ 9	25♈43	26♈55	1♈12	19♈21	17♈37	10♈40	16♈33	29♈13	28♈46	24♈50	24♈33	T 1
W 2	8 48 38	13° 3'47	15°38	4°47	26°52	27°37	1°13	19°28	17°41	10♈39	16°34	29°14	28°42	24°56	24°D33	W 2
T 3	8 52 35	14° 4'42	0♈14	6°26	28° 1	28°19	1°15	19°34	17°44	10°37	16°35	29°15	28°39	25° 3	24♈33	T 3
F 4	8 56 31	15° 5'36	14°57	8° 5	29°10	29° 2	1°17	19°41	17°48	10°35	16°36	29°16	28°36	25°10	24°33	F 4
S 5	9 0 28	16° 6'29	29°42	9°45	0♈18	29°44	1°19	19°47	17°51	10°34	16°36	29°R17	28°33	25°16	24°33	S 5
S 6	9 4 24	17° 7'21	14♈22	11°26	1°27	0♈26	1°21	19°54	17°55	10°32	16°37	29°16	28°30	25°23	24°34	S 6
M 7	9 8 21	18° 8'12	28°49	13° 7	2°35	1° 9	1°23	20° 0	17°58	10°30	16°38	29°15	28°27	25°30	24°34	M 7
T 8	9 12 18	19° 9'02	12♈58	14°50	3°43	1°51	1°26	20° 7	18° 2	10°29	16°39	29°12	28°23	25°36	24°34	T 8
W 9	9 16 14	20° 9'50	26°45	16°33	4°51	2°34	1°29	20°14	18° 5	10°27	16°40	29° 9	28°20	25°43	24°35	W 9
T 10	9 20 11	21°10'37	10♈ 7	18°17	5°59	3°16	1°32	20°21	18° 9	10°25	16°41	29° 6	28°17	25°50	24°35	T 10
F 11	9 24 7	22°11'22	23° 6	20° 1	7° 6	3°59	1°35	20°27	18°12	10°24	16°41	29° 3	28°14	25°56	24°36	F 11
S 12	9 28 4	23°12'06	5♈42	21°47	8°13	4°42	1°39	20°34	18°16	10°22	16°42	29° 0	28°11	26° 3	24°36	S 12
S 13	9 32 0	24°12'48	17°59	23°33	9°20	5°24	1°42	20°41	18°19	10°20	16°43	28°59	28° 8	26°10	24°37	S 13
M14	9 35 57	25°13'29	0♈12	25°20	10°27	6° 7	1°46	20°48	18°23	10°19	16°44	28°D59	28° 4	26°16	24°38	M14
T 15	9 39 53	26°14'08	11°55	27° 8	11°34	6°49	1°50	20°55	18°26	10°17	16°45	29° 0	28° 1	26°23	24°39	T 15
W16	9 43 50	27°14'45	23°44	28°56	12°40	7°32	1°54	21° 2	18°30	10°15	16°46	29° 2	27°58	26°30	24°40	W16
T 17	9 47 47	28°15'21	5♈34	0♈46	13°46	8°15	1°58	21° 9	18°33	10°14	16°47	29° 4	27°55	26°36	24°41	T 17
F 18	9 51 43	29°15'55	17°28	2°36	14°52	8°58	2° 3	21°16	18°37	10°12	16°48	29° 5	27°52	26°43	24°42	F 18
S 19	9 55 40	0♈16'28	29°30	4°26	15°57	9°40	2° 8	21°23	18°40	10°11	16°49	29°R 6	27°48	26°50	24°43	S 19
S 20	9 59 36	1°16'58	11♈44	6°17	17° 2	10°23	2°13	21°30	18°44	10° 9	16°50	29° 5	27°45	26°56	24°44	S 20
M21	10 3 33	2°17'27	24°12	8° 9	18° 7	11° 6	2°18	21°37	18°47	10° 8	16°51	29° 3	27°42	27° 3	24°45	M21
T 22	10 7 29	3°17'55	6♈55	10° 1	19°12	11°49	2°23	21°45	18°50	10° 6	16°52	28°58	27°39	27°10	24°46	T 22
W23	10 11 26	4°18'20	19°54	11°53	20°16	12°32	2°28	21°52	18°54	10° 5	16°54	28°53	27°36	27°16	24°48	W23
T 24	10 15 22	5°18'44	3♈ 6	13°46	21°21	13°15	2°34	21°59	18°57	10° 3	16°55	28°47	27°33	27°23	24°49	T 24
F 25	10 19 19	6°19'07	16°32	15°38	22°24	13°57	2°40	22° 6	19° 0	10° 2	16°56	28°40	27°29	27°30	24°51	F 25
S 26	10 23 16	7°19'28	0♈ 9	17°30	23°28	14°40	2°46	22°13	19° 4	10° 0	16°57	28°35	27°26	27°36	24°52	S 26
S 27	10 27 12	8°19'48	13°57	19°22	24°31	15°23	2°52	22°21	19° 7	9°59	16°58	28°31	27°23	27°43	24°54	S 27
M28	10 31 9	9°20'07	27°53	21°12	25°34	16° 6	2°58	22°28	19°11	9°57	16°59	28°28	27°20	27°50	24°55	M28
T 29	10 35 5	10♈20'24	11♈56	23♈ 2	26°Y36	16♈49	3♈ 4	22♈35	19♈14	9♈56	17°Y 0	28°D28	27♈17	27♈56	24♈57	T 29

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	17s10	24s47	4s29	21s15	1s51	2s 9	0s30	23s37	0s14	19n42	0s42	6s 1	1s58	16s10	0s40	17n29	0s 4
W 2	16 53	26 17	3 39	20 54	1 54	1 38	0 26	23 39	0 14	19 43	0 42	5 58	1 58	16 9	0 40	17 30	0 4
T 3	16 36	26 0	2 34	20 32	1 57	1 7	0 22	23 40	0 15	19 44	0 41	5 56	1 58	16 8	0 40	17 30	0 4
F 4	16 18	23 53	1 18	20 9	1 59	0 36	0 17	23 42	0 16	19 44	0 41	5 53	1 58	16 7	0 40	17 31	0 4
S 5	16 0	20 10	0n 2	19 45	2 1	0 5	0 13	23 43	0 17	19 45	0 41	5 51	1 57	16 6	0 40	17 31	0 4
S 6	15 42	15 12	1 22	19 19	2 3	0n27	0 9	23 43	0 18	19 46	0 41	5 48	1 57	16 5	0 40	17 32	0 4
M 7	15 23	9 26	2 36	18 51	2 4	0 58	0 4	23 44	0 18	19 46	0 40	5 45	1 57	16 4	0 40	17 32	0 4
T 8	15 4	3 19	3 38	18 22	2 5	1 29	0n 0	23 44	0 19	19 47	0 40	5 43	1 57	16 3	0 40	17 33	0 4
W 9	14 45	2n47	4 26	17 52	2 5	2 0	0 5	23 44	0 20	19 48	0 40	5 40	1 57	16 2	0 40	17 33	0 4
T 10	14 26	8 34	4 58	17 20	2 5	2 31	0 10	23 44	0 21	19 49	0 40	5 37	1 57	16 1	0 40	17 34	0 4
F 11	14 7	13 49	5 13	16 47	2 5	3 2	0 14	23 44	0 22	19 50	0 39	5 34	1 57	16 0	0 40	17 34	0 4
S 12	13 47	18 20	5 13	16 12	2 4	3 33	0 19	23 43	0 22	19 51	0 39	5 32	1 57	15 59	0 40	17 35	0 4
S 13	13 27	21 57	4 58	15 36	2 3	4 4	0 24	23 42	0 23	19 51	0 39	5 29	1 57	15 58	0 40	17 35	0 4
M14	13 6	24 33	4 30	14 58	2 1	4 35	0 29	23 41	0 24	19 52	0 39	5 26	1 57	15 56	0 40	17 35	0 4
T 15	12 46	26 1	3 51	14 19	1 59	5 6	0 34	23 40	0 25	19 54	0 38	5 23	1 57	15 55	0 40	17 36	0 4
W16	12 25	26 19	3 2	13 39	1 56	5 36	0 39	23 39	0 26	19 55	0 38	5 21	1 57	15 54	0 40	17 36	0 4
T 17	12 5	25 24	2 6	12 57	1 53	6 7	0 44	23 37	0 27	19 56	0 38	5 18	1 57	15 53	0 40	17 37	0 4
F 18	11 43	23 20	1 3	12 14	1 49	6 37	0 50	23 35	0 27	19 57	0 38	5 15	1 57	15 52	0 40	17 37	0 4
S 19	11 22	20 13	0s 2	11 30	1 45	7 7	0 55	23 33	0 28	19 58	0 38	5 12	1 57	15 51	0 40	17 38	0 4
S 20	11 1	16 10	1 9	10 45	1 40	7 37	1 0	23 30	0 29	19 59	0 37	5 9	1 57	15 50	0 40	17 38	0 4
M21	10 39	11 21	2 13	9 58	1 34	8 7	1 5	23 28	0 30	20 0	0 37	5 7	1 57	15 49	0 40	17 39	0 4
T 22	10 18	6 0	3 12	9 10	1 28	8 36	1 11	23 25	0 31	20 2	0 37	5 4	1 57	15 48	0 40	17 39	0 4
W23	9 56	0 17	4 2	8 21	1 21	9 6	1 16	23 22	0 32	20 3	0 37	5 1	1 57	15 47	0 40	17 39	0 4
T 24	9 34	5s31	4 40	7 31	1 14	9 35	1 22	23 19	0 33	20 4	0 36	4 58	1 57	15 46	0 40	17 40	0 4
F 25	9 11	11 10	5 4	6 40	1 6	10 4	1 27	23 15	0 33	20 6	0 36	4 55	1 57	15 45	0 40	17 40	0 4
S 26	8 49	16 21	5 10	5 49	0 57	10 33	1 33	23 11	0 34	20 7	0 36	4 52	1 57	15 44	0 40	17 41	0 4
S 27	8 27	20 46	4 59	4 56	0 48	11 1	1 38	23 7	0 35	20 8	0 36	4 49	1 57	15 43	0 40	17 41	0 4
M28	8 4	24 4	4 31	4 4	0 38	11 30	1 44	23 3	0 36	20 10	0 36	4 46	1 57	15 42	0 40	17 41	0 4
T 29	7s41	25s56	3s46	3s11	0s27	11n58	1n50	22s59	0s37	20n11	0s35	4s44	1s57	15s41	0s40	17n42	0s 3

Julian Day Number = 2482256.5, Delta T = 86.31 sec
Ecliptic obliquity = 23°25'46, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°54'54, Lahiri = 25°01'55

ASTRODIENST EPHEMERIS for the year 2084
geocentric

MARCH 2084

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 39 2	11 ¹⁸ 20'40	26 ¹⁸ 5	24 ¹⁸ 49	27 ¹⁷ 38	17 ¹⁸ 32	3 ¹¹ 11	22 ¹⁸ 43	19 ¹⁸ 17	9 ¹⁸ 54	17 ¹⁷ 2	28 ¹⁸ 28	27 ¹⁸ 14	28 ¹⁸ 11	24 ¹⁸ 59	W 1
T 2	10 42 58	12 ¹⁸ 20'54	10 ¹⁸ 319	26 ¹⁸ 35	28 ¹⁸ 40	18 ¹⁸ 16	3 ¹⁸ 18	22 ¹⁸ 50	19 ¹⁸ 20	9 ¹⁸ 53	17 ¹⁷ 3	28 ¹⁸ 30	27 ¹⁸ 10	28 ¹⁸ 10	25 ¹⁸ 1	T 2
F 3	10 46 55	13 ¹⁸ 21'07	24 ¹⁸ 35	28 ¹⁸ 19	29 ¹⁸ 41	18 ¹⁸ 59	3 ²⁴ 24	22 ¹⁸ 57	19 ¹⁸ 24	9 ¹⁸ 52	17 ¹⁷ 4	28 ¹⁸ R31	27 ¹⁸ 7	28 ¹⁸ 16	25 ¹⁸ 3	F 3
S 4	10 50 51	14 ¹⁸ 21'18	8 ¹⁸ 52	29 ¹⁸ 59	0 ¹⁸ 42	19 ¹⁸ 42	3 ³¹ 31	23 ¹⁸ 5	19 ¹⁸ 27	9 ¹⁸ 50	17 ¹⁷ 5	28 ¹⁸ 30	27 ¹⁸ 4	28 ¹⁸ 23	25 ¹⁸ 5	S 4
S 5	10 54 48	15 ¹⁸ 21'28	23 ¹⁸ 5	1 ¹⁸ 36	1 ¹⁸ 42	20 ¹⁸ 25	3 ³⁹ 39	23 ¹⁸ 12	19 ¹⁸ 30	9 ¹⁸ 49	17 ¹⁷ 6	28 ¹⁸ 28	27 ¹⁸ 1	28 ¹⁸ 30	25 ¹⁸ 7	S 5
M 6	10 58 45	16 ¹⁸ 21'36	7 ¹⁸ 10	3 ¹⁸ 9	2 ¹⁸ 43	21 ¹⁸ 8	3 ⁴⁶ 46	23 ¹⁸ 19	19 ¹⁸ 33	9 ¹⁸ 48	17 ¹⁷ 8	28 ¹⁸ 23	26 ¹⁸ 58	28 ¹⁸ 36	25 ¹⁸ 9	M 6
T 7	11 2 41	17 ¹⁸ 21'42	21 ¹⁸ 3	4 ¹⁸ 37	3 ¹⁸ 42	21 ¹⁸ 51	3 ⁵³ 53	23 ¹⁸ 27	19 ¹⁸ 37	9 ¹⁸ 46	17 ¹⁷ 9	28 ¹⁸ 16	26 ¹⁸ 54	28 ¹⁸ 43	25 ¹⁸ 11	T 7
W 8	11 6 38	18 ¹⁸ 21'46	4 ¹⁸ 39	6 ¹⁸ 0	4 ¹⁸ 41	22 ¹⁸ 35	4 ¹⁸ 1	23 ¹⁸ 34	19 ¹⁸ 40	9 ¹⁸ 45	17 ¹⁷ 10	28 ¹⁸ 8	26 ¹⁸ 51	28 ¹⁸ 50	25 ¹⁸ 13	W 8
T 9	11 10 34	19 ¹⁸ 21'48	1 ¹⁸ 57	7 ¹⁸ 18	5 ¹⁸ 40	23 ¹⁸ 18	4 ¹⁸ 9	23 ¹⁸ 42	19 ¹⁸ 43	9 ¹⁸ 44	17 ¹⁷ 12	27 ¹⁸ 58	26 ¹⁸ 48	28 ¹⁸ 56	25 ¹⁸ 15	T 9
F 10	11 14 31	20 ¹⁸ 21'48	0 ¹⁸ 53	8 ¹⁸ 29	6 ¹⁸ 38	24 ¹⁸ 1	4 ¹⁸ 17	23 ¹⁸ 49	19 ¹⁸ 46	9 ¹⁸ 43	17 ¹⁷ 13	27 ¹⁸ 50	26 ¹⁸ 45	29 ¹⁸ 3	25 ¹⁸ 17	F 10
S 11	11 18 27	21 ¹⁸ 21'46	13 ¹⁸ 30	9 ¹⁸ 34	7 ¹⁸ 36	24 ¹⁸ 44	4 ¹⁸ 25	23 ¹⁸ 56	19 ¹⁸ 49	9 ¹⁸ 42	17 ¹⁷ 14	27 ¹⁸ 42	26 ¹⁸ 42	29 ¹⁸ 10	25 ¹⁸ 20	S 11
S 12	11 22 24	22 ¹⁸ 21'42	25 ¹⁸ 49	10 ¹⁸ 31	8 ¹⁸ 33	25 ¹⁸ 28	4 ¹⁸ 33	24 ¹⁸ 4	19 ¹⁸ 52	9 ¹⁸ 40	17 ¹⁷ 15	27 ¹⁸ 36	26 ¹⁸ 39	29 ¹⁸ 16	25 ¹⁸ 22	S 12
M13	11 26 20	23 ¹⁸ 21'36	7 ¹⁸ 1153	11 ¹⁸ 21	9 ¹⁸ 30	26 ¹⁸ 11	4 ¹⁸ 41	24 ¹⁸ 11	19 ¹⁸ 55	9 ¹⁸ 39	17 ¹⁷ 17	27 ¹⁸ 32	26 ¹⁸ 35	29 ¹⁸ 23	25 ¹⁸ 25	M13
T 14	11 30 17	24 ¹⁸ 21'28	19 ¹⁸ 47	12 ¹⁸ 2	10 ¹⁸ 26	26 ¹⁸ 54	4 ¹⁸ 50	24 ¹⁸ 19	19 ¹⁸ 58	9 ¹⁸ 38	17 ¹⁷ 18	27 ¹⁸ D31	26 ¹⁸ 32	29 ¹⁸ 30	25 ¹⁸ 27	T 14
W15	11 34 13	25 ¹⁸ 21'17	1 ¹⁸ 37	12 ¹⁸ 36	11 ¹⁸ 22	27 ¹⁸ 38	4 ¹⁸ 58	24 ¹⁸ 26	20 ¹⁸ 1	9 ¹⁸ 37	17 ¹⁷ 19	27 ¹⁸ 31	26 ¹⁸ 29	29 ¹⁸ 36	25 ¹⁸ 30	W15
T 16	11 38 10	26 ¹⁸ 21'05	13 ¹⁸ 26	13 ¹⁸ 1	12 ¹⁸ 17	28 ¹⁸ 21	5 ¹⁸ 7	24 ¹⁸ 33	20 ¹⁸ 4	9 ¹⁸ 36	17 ¹⁷ 21	27 ¹⁸ 32	26 ¹⁸ 26	29 ¹⁸ 43	25 ¹⁸ 32	T 16
F 17	11 42 7	27 ¹⁸ 20'50	25 ¹⁸ 21	13 ¹⁸ 18	13 ¹⁸ 11	29 ¹⁸ 4	5 ¹⁸ 16	24 ¹⁸ 41	20 ¹⁸ 7	9 ¹⁸ 35	17 ¹⁷ 22	27 ¹⁸ R32	26 ¹⁸ 23	29 ¹⁸ 50	25 ¹⁸ 35	F 17
S 18	11 46 3	28 ¹⁸ 20'32	7 ¹⁸ 127	13 ¹⁸ R26	14 ¹⁸ 5	29 ¹⁸ 48	5 ¹⁸ 25	24 ¹⁸ 48	20 ¹⁸ 10	9 ¹⁸ 34	17 ¹⁷ 24	27 ¹⁸ 32	26 ¹⁸ 19	29 ¹⁸ 56	25 ¹⁸ 38	S 18
S 19	11 50 0	29 ¹⁸ 20'13	19 ¹⁸ 48	13 ¹⁸ 26	14 ¹⁸ 58	0 ¹⁸ 31	5 ¹⁸ 34	24 ¹⁸ 56	20 ¹⁸ 13	9 ¹⁸ 33	17 ¹⁷ 25	27 ¹⁸ 30	26 ¹⁸ 16	0 ¹⁸ 3	25 ¹⁸ 40	S 19
M20	11 53 56	0 ¹⁸ 19'51	2 ¹⁸ 127	13 ¹⁸ 18	15 ¹⁸ 50	1 ¹⁸ 15	5 ¹⁸ 43	25 ¹⁸ 3	20 ¹⁸ 16	9 ¹⁸ 32	17 ¹⁷ 26	27 ¹⁸ 25	26 ¹⁸ 13	0 ¹⁸ 10	25 ¹⁸ 43	M20
T 21	11 57 53	1 ¹⁸ 19'27	15 ¹⁸ 26	13 ¹⁸ 2	16 ¹⁸ 42	1 ¹⁸ 58	5 ¹⁸ 53	25 ¹⁸ 10	20 ¹⁸ 19	9 ¹⁸ 31	17 ¹⁷ 28	27 ¹⁸ 17	26 ¹⁸ 10	0 ¹⁸ 16	25 ¹⁸ 46	T 21
W22	12 1 49	2 ¹⁸ 19'02	28 ¹⁸ 45	12 ¹⁸ 39	17 ¹⁸ 33	2 ¹⁸ 41	6 ¹⁸ 2	25 ¹⁸ 18	20 ¹⁸ 22	9 ¹⁸ 30	17 ¹⁷ 29	27 ¹⁸ 8	26 ¹⁸ 7	0 ¹⁸ 23	25 ¹⁸ 49	W22
T 23	12 5 46	3 ¹⁸ 18'34	12 ¹⁸ 43	12 ¹⁸ 9	18 ¹⁸ 23	3 ¹⁸ 25	6 ¹⁸ 12	25 ¹⁸ 25	20 ¹⁸ 24	9 ¹⁸ 29	17 ¹⁷ 30	26 ¹⁸ 57	26 ¹⁸ 4	0 ¹⁸ 29	25 ¹⁸ 52	T 23
F 24	12 9 42	4 ¹⁸ 18'04	26 ¹⁸ 16	11 ¹⁸ 33	19 ¹⁸ 12	4 ¹⁸ 9	6 ¹⁸ 21	25 ¹⁸ 33	20 ¹⁸ 27	9 ¹⁸ 28	17 ¹⁷ 32	26 ¹⁸ 46	26 ¹⁸ 0	0 ¹⁸ 36	25 ¹⁸ 55	F 24
S 25	12 13 39	5 ¹⁸ 17'32	10 ¹⁸ 120	10 ¹⁸ 52	20 ¹⁸ 1	4 ¹⁸ 52	6 ¹⁸ 31	25 ¹⁸ 40	20 ¹⁸ 30	9 ¹⁸ 28	17 ¹⁷ 33	26 ¹⁸ 36	25 ¹⁸ 57	0 ¹⁸ 43	25 ¹⁸ 58	S 25
S 26	12 17 36	6 ¹⁸ 16'58	24 ¹⁸ 31	10 ¹⁸ 6	20 ¹⁸ 49	5 ¹⁸ 36	6 ¹⁸ 41	25 ¹⁸ 47	20 ¹⁸ 33	9 ¹⁸ 27	17 ¹⁷ 35	26 ¹⁸ 27	25 ¹⁸ 54	0 ¹⁸ 49	26 ¹⁸ 1	S 26
M27	12 21 32	7 ¹⁸ 16'23	8 ¹⁸ 144	9 ¹⁸ 18	21 ¹⁸ 35	6 ¹⁸ 19	6 ¹⁸ 51	25 ¹⁸ 55	20 ¹⁸ 35	9 ¹⁸ 26	17 ¹⁷ 36	26 ¹⁸ 22	25 ¹⁸ 51	0 ¹⁸ 56	26 ¹⁸ 4	M27
T 28	12 25 29	8 ¹⁸ 15'46	22 ¹⁸ 55	8 ¹⁸ 27	22 ¹⁸ 21	7 ¹⁸ 3	7 ¹⁸ 1	26 ¹⁸ 2	20 ¹⁸ 38	9 ¹⁸ 25	17 ¹⁷ 38	26 ¹⁸ 19	25 ¹⁸ 48	1 ¹⁸ 3	26 ¹⁸ 7	T 28
W29	12 29 25	9 ¹⁸ 15'07	7 ¹⁸ 3	7 ¹⁸ 36	23 ¹⁸ 6	7 ¹⁸ 46	7 ¹⁸ 12	26 ¹⁸ 9	20 ¹⁸ 41	9 ¹⁸ 25	17 ¹⁷ 39	26 ¹⁸ D18	25 ¹⁸ 45	1 ¹⁸ 9	26 ¹⁸ 11	W29
T 30	12 33 22	10 ¹⁸ 14'27	21 ¹⁸ 8	6 ¹⁸ 44	23 ¹⁸ 50	8 ¹⁸ 30	7 ¹⁸ 22	26 ¹⁸ 17	20 ¹⁸ 43	9 ¹⁸ 24	17 ¹⁷ 40	26 ¹⁸ R18	25 ¹⁸ 41	1 ¹⁸ 16	26 ¹⁸ 14	T 30
F 31	12 37 18	11 ¹⁸ 13'45	5 ¹⁸ 8	5 ¹⁸ 54	24 ¹⁸ 33	9 ¹⁸ 14	7 ¹⁸ 1132	26 ¹⁸ 124	20 ¹⁸ 46	9 ¹⁸ 23	17 ¹⁷ 42	26 ¹⁸ 18	25 ¹⁸ 38	1 ¹⁸ 23	26 ¹⁸ 17	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
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ASTRODIENST EPHEMERIS for the year 2084
geocentric

APRIL 2084

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day		
S 1	12 41 15	12°13'01	19°11' 1	5°R 5	25°15	9°55	7°14	26°31	20°48	9°R23	17°43	26°R16	25°35	1°29	26°20	S 1		
S 2	12 45 11	13°12'15	2°48	4°20	25°56	10°41	7°54	26°38	20°51	9°22	17°45	26°32	25°32	1°36	26°24	S 2		
M 3	12 49 8	14°11'27	16°27	3°38	26°35	11°25	8° 4	26°45	20°53	9°22	17°46	26° 5	25°29	1°43	26°27	M 3		
T 4	12 53 5	15°10'37	29°55	3° 0	27°14	12° 8	8°15	26°53	20°55	9°21	17°48	25°55	25°25	1°49	26°31	T 4		
W 5	12 57 1	16° 9'46	13°11	2°26	27°51	12°52	8°26	27° 0	20°58	9°21	17°49	25°43	25°22	1°56	26°34	W 5		
T 6	13 0 58	17° 8'52	26°13	1°58	28°27	13°36	8°37	27° 7	21° 0	9°20	17°50	25°30	25°19	2° 3	26°38	T 6		
F 7	13 4 54	18° 7'56	8°58	1°35	29° 2	14°19	8°48	27°14	21° 2	9°20	17°52	25°17	25°16	2° 9	26°41	F 7		
S 8	13 8 51	19° 6'59	21°28	1°17	29°35	15° 3	8°59	27°21	21° 4	9°20	17°53	25° 5	25°13	2°16	26°45	S 8		
S 9	13 12 47	20° 5'59	3°14	1° 5	0°11 7	15°47	9°11	27°28	21° 7	9°19	17°55	24°56	25°10	2°23	26°49	S 9		
M10	13 16 44	21° 4'57	15°45	0°58	0°37	16°30	9°22	27°35	21° 9	9°19	17°56	24°49	25° 6	2°29	26°52	M10		
T 11	13 20 40	22° 3'52	27°38	0°D57	1° 6	17°14	9°34	27°42	21°11	9°19	17°58	24°45	25° 3	2°36	26°56	T 11		
W12	13 24 37	23° 2'46	9°27	1° 1	1°33	17°58	9°45	27°49	21°13	9°18	17°59	24°43	25° 0	2°43	27° 0	W12		
T 13	13 28 34	24° 1'37	21°16	1°10	1°58	18°42	9°57	27°56	21°15	9°18	18° 0	24°43	24°57	2°49	27° 3	T 13		
F 14	13 32 30	25° 0'26	3°10	1°24	2°22	19°25	10° 9	28° 3	21°17	9°18	18° 2	24°43	24°54	2°56	27° 7	F 14		
S 15	13 36 27	25°59'13	15°16	1°43	2°44	20° 9	10°20	28°10	21°19	9°18	18° 3	24°42	24°51	3° 3	27°11	S 15		
S 16	13 40 23	26°57'57	27°39	2° 7	3° 4	20°53	10°32	28°17	21°21	9°18	18° 5	24°39	24°47	3° 9	27°15	S 16		
M17	13 44 20	27°56'39	10°23	2°35	3°22	21°36	10°44	28°24	21°23	9°18	18° 6	24°34	24°44	3°16	27°19	M17		
T 18	13 48 16	28°55'19	23°30	3° 7	3°38	22°20	10°56	28°30	21°25	9°18	18° 8	24°26	24°41	3°23	27°23	T 18		
W19	13 52 13	29°53'57	7°3	3°43	3°52	23° 4	11° 8	28°37	21°26	9°D18	18° 9	24°16	24°38	3°29	27°27	W19		
T 20	13 56 9	0°52'33	20°59	4°23	4° 4	23°48	11°20	28°44	21°28	9°18	18°10	24° 5	24°35	3°36	27°30	T 20		
F 21	14 0 6	1°51'07	5°16	5° 7	4°14	24°31	11°32	28°50	21°30	9°18	18°12	23°53	24°31	3°43	27°34	F 21		
S 22	14 4 3	2°49'39	19°46	5°55	4°22	25°15	11°45	28°57	21°31	9°18	18°13	23°42	24°28	3°49	27°38	S 22		
S 23	14 7 59	3°48'09	4°23	6°46	4°27	25°59	11°57	29° 4	21°33	9°18	18°15	23°33	24°25	3°56	27°42	S 23		
M24	14 11 56	4°46'37	19° 0	7°40	4°30	26°43	12° 9	29°10	21°35	9°18	18°16	23°27	24°22	4° 2	27°47	M24		
T 25	14 15 52	5°45'04	3°31	8°37	4°R31	27°26	12°22	29°17	21°36	9°18	18°17	23°24	24°19	4° 9	27°51	T 25		
W26	14 19 49	6°43'30	17°52	9°37	4°29	28°10	12°34	29°23	21°38	9°18	18°19	23°D23	24°16	4°16	27°55	W26		
T 27	14 23 45	7°41'54	2°0	10°39	4°25	28°54	12°47	29°29	21°39	9°19	18°20	23°R23	24°12	4°22	27°59	T 27		
F 28	14 27 42	8°40'16	15°55	11°45	4°18	29°38	13° 0	29°36	21°40	9°19	18°21	23°23	24° 9	4°29	28° 3	F 28		
S 29	14 31 38	9°38'36	29°37	12°53	4° 9	0°21	13°12	29°42	21°42	9°19	18°23	23°21	24° 6	4°36	28° 7	S 29		
S 30	14 35 35	10°36'55	13°7	14°4	3°11	58	1°5	13°11	25	29°48	21°43	9°20	18°24	23°18	24°3	4°32	28°11	S 30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n50	13s15	1n57	4n 5	2n15	23n44	4n48	18s49	1s 7	21n 6	0s29	3s11	1s58	15s12	0s41	17n51	0s 3	8s33	16s45	20s53	21s 1	25n32	16n14	3s10									
S 2	5 13	7 40	3 0	3 33	2 0	23 58	4 53	18 38	1 8	21 8	0 29	3 9	1 58	15 11	0 41	17 51	0 3	8 32	16 45	20 54	21 2	25 31	16 15	3 10									
M 3	5 36	1 47	3 52	3 3	1 45	24 12	4 58	18 27	1 9	21 10	0 29	3 6	1 58	15 10	0 41	17 51	0 3	8 32	16 45	20 55	21 2	25 30	16 16	3 10									
T 4	5 59	4n 6	4 31	2 33	1 29	24 26	5 2	18 16	1 10	21 12	0 29	3 3	1 58	15 9	0 41	17 51	0 3	8 31	16 45	20 57	21 3	25 29	16 17	3 10									
W 5	6 21	9 42	4 53	2 5	1 13	24 39	5 6	18 5	1 11	21 14	0 29	3 0	1 58	15 9	0 41	17 52	0 3	8 31	16 45	21 0	21 3	25 28	16 18	3 10									
T 6	6 44	14 46	5 0	1 39	0 57	24 51	5 11	17 53	1 12	21 16	0 28	2 57	1 58	15 8	0 41	17 52	0 3	8 30	16 45	21 2	21 4	25 27	16 19	3 10									
F 7	7 7	7 19	5 42	1 15	0 41	25 3	5 15	17 41	1 13	21 18	0 28	2 55	1 59	15 7	0 41	17 52	0 3	8 30	16 45	21 4	21 4	25 26	16 20	3 10									
S 8	7 29	22 27	4 30	0 53	0 25	25 14	5 19	17 30	1 14	21 20	0 28	2 52	1 59	15 7	0 41	17 52	0 3	8 29	16 45	21 6	21 5	25 25	16 20	3 10									
S 9	7 51	24 44	3 55	0 34	0 9	25 25	5 22	17 18	1 15	21 21	0 28	2 49	1 59	15 6	0 41	17 52	0 3	8 29	16 45	21 8	21 6	25 24	16 21	3 10									
M10	8 13	25 50	3 11	0 18	0s 6	25 35	5 26	17 5	1 16	21 23	0 28	2 47	1 59	15 5	0 41	17 52	0 3	8 28	16 45	21 9	21 6	25 23	16 22	3 10									
T 11	8 35	25 43	2 18	0 4	0 21	25 44	5 29	16 53	1 17	21 25	0 28	2 44	1 59	15 5	0 41	17 52	0 3	8 28	16 45	21 10	21 7	25 22	16 23	3 10									
W12	8 57	24 25	1 20	0s 8	0 35	25 53	5 32	16 41	1 18	21 27	0 27	2 41	1 59	15 4	0 41	17 52	0 3	8 27	16 45	21 10	21 7	25 21	16 24	3 10									
T 13	9 19	22 3	0 18	0 17	0 48	26 1	5 35	16 28	1 19	21 29	0 27	2 39	1 59	15 3	0 41	17 52	0 3	8 27	16 45	21 10	21 8	25 20	16 25	3 10									
F 14	9 41	18 43	0s45	0 23	1 1	26 8	5 38	16 15	1 20	21 31	0 27	2 36	1 59	15 3	0 41	17 52	0 3	8 26	16 45	21 10	21 8	25 20	16 26	3 10									
S 15	10 2	14 33	1 47	0 27	1 14	26 15	5 40	16 2	1 21	21 33	0 27	2 33	1 59	15 2	0 41	17 52	0 3	8 26	16 45	21 11	21 9	25 19	16 26	3 10									
S 16	10 23	9 42	2 45	0 28	1 25	26 21	5 42	15 49	1 22	21 34	0 27	2 31	2 0	15 2	0 41	17 52	0 3	8 25	16 46	21 11	21 10	25 18	16 27	3 10									
M17	10 44	4 20	3 37	0 27	1 36	26 27	5 44	15 36	1 23	21 36	0 27	2 28	2 0	15 1	0 41	17 53	0 3	8 25	16 46	21 12	21 10	25 17	16 28	3 10									
T 18	11 5	1s23	4 19	0 23	1 46	26 31	5 45	15 23	1 24	21 38	0 27	2 26	2 0	15 1	0 41	17 53	0 3	8 24	16 46	21 13	21 11	25 16	16 29	3 10									
W19	11 26	7 12	4 47	0 17	1 55	26 35	5 47	15 10	1 25	21 40	0 26	2 23	2 0	15 0	0 41	17 53	0 3	8 24	16 46	21 15	21 11	25 15	16 30	3 10									
T 20	11 46	12 49	5 0	0 9	2 4	26 38	5 47	14 56	1 26	21 42	0 26	2 20	2 0	14 59	0 41	17 53	0 3	8 23	16 46	21 17	21 12	25 14	16 31	3 10									
F 21	12 7	17 54	4 55	0n 1	2 12	26 41	5 48	14 42	1 27	21 44	0 26	2 18	2 0	14 59	0 41	17 53	0 3	8 23	16 46	21 19	21 12	25 13	16 32	3 10									
S 22	12 27	22 0	4 31	0 13	2 20	26 42	5 48	14 29	1 28	21 45	0 26	2 15	2 0	14 58	0 41	17 53	0 3	8 22	16 46	21 21	21 13	25 12	16 33	3 10									
S 23	12 47	24 45	3 48	0 27	2 26	26 43	5 48	14 15	1 29	21 47	0 26	2 13	2 0	14 58	0 41	17 53	0 3	8 22	16 46	21 23	21 14	25 11	16 34	3 10									
M24	13 7	25 49	2 51	0 43	2 32	26 43	5 47	14 1	1 30	21 49	0 26	2 11	2 1	14 57	0 41	17 53	0 3	8 22	16 46	21 24	21 14	25 9	16 34	3 10									
T 25	13 26	25 6	1 43	1 0	2 37	26 42	5 46	13 47	1 31	21 51	0 26	2 8	2 1	14 57	0 41	17 52	0 3	8 21	16 46	21 24	21 15	25 8	16 35	3 10									
W26	13 45	22 43	0 29	1 19	2 42	26 40	5 44	13 32	1 32	21 52	0 25	2 6	2 1	14 57	0 41	17 52	0 3	8 21	16 46	21 24	21 15	25 7	16 36	3 10									
T 27	14 4	18 58	0n46	1 40	2 46	26 37	5 42	13 18	1 33	21 54	0 25	2 3	2 1	14 56	0 41	17 52	0 3	8 20	16 46	21 24	21 16	25 6	16 37	3 10									
F 28	14 23	14 12	1 57	2 3	2 49	26 33	5 39	13 4	1 34	21 56	0 25	2 1	2 1	14 56	0 41	17 52	0 3	8 20	16 47	21 24	21 16	25 5	16 38	3 10									
S 29	14 42	8 48	3 0	2 27	2 52	26 28	5 36	12 49	1 35	21 58	0 25	1 59	2 1	14 55	0 41	17 52	0 3	8 20	16 47	21 25	21 17	25 4	16 39	3 10									
S 30	15n 0	3s 4	3n52	2n53	2s54	26n22	5n32	12s35	1s36	21n59	0s25	1s56	2s 2	14s55	0s42	17n52	0s 3	8s19	16s47	21s25	21s17	25n 3	16n40	3s10									

ASTRODIENST EPHEMERIS for the year 2084

geocentric

MAY 2084

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
M 1	14 39 32	11°35'13	26°42'24	15°17'17	3°R44	1°49'49	13°38'38	29°45'55	21°44'44	9°20'20	18°25'25	23°R11	24°30'00	4°49'49	28°15'15	M 1
T 2	14 43 28	12°33'29	9°47'30	16°33'33	3°II28	2°32'32	13°51'51	0°47'17	21°45'45	9°21'21	18°27'27	23°30'30	23°56'56	4°56'56	28°20'20	T 2
W 3	14 47 25	13°31'43	22°24'24	17°50'50	3° 9'09	3°16'16	14° 4'04	0° 7'07	21°47'47	9°21'21	18°28'28	22°51'51	23°53'53	5° 2'02	28°24'24	W 3
T 4	14 51 21	14°29'56	5°48'06	19°10'10	2°48'48	4° 0'00	14°17'17	0°13'13	21°48'48	9°21'21	18°29'29	22°39'39	23°50'50	5° 9'09	28°28'28	T 4
F 5	14 55 18	15°28'07	17°35'35	20°33'33	2°25'25	4°43'43	14°30'30	0°19'19	21°49'49	9°22'22	18°31'31	22°27'27	23°47'47	5°16'16	28°32'32	F 5
S 6	14 59 14	16°26'17	29°53'53	21°57'57	2° 0'00	5°27'27	14°43'43	0°25'25	21°50'50	9°23'23	18°32'32	22°17'17	23°44'44	5°22'22	28°36'36	S 6
S 7	15 3 11	17°24'25	11°II59	23°24'24	1°33'33	6°11'11	14°56'56	0°31'31	21°51'51	9°23'23	18°33'33	22° 8'08	23°41'41	5°29'29	28°41'41	S 7
M 8	15 7 7	18°22'31	23°56'56	24°52'52	1° 4'04	6°54'54	15° 9'09	0°36'36	21°52'52	9°24'24	18°35'35	22° 2'02	23°37'37	5°36'36	28°45'45	M 8
T 9	15 11 4	19°20'35	5°46'46	26°23'23	0°33'33	7°38'38	15°22'22	0°42'42	21°52'52	9°24'24	18°36'36	21°58'58	23°34'34	5°42'42	28°49'49	T 9
W10	15 15 1	20°18'37	17°33'33	27°56'56	0° 0'00	8°21'21	15°35'35	0°48'48	21°53'53	9°25'25	18°37'37	21°D56	23°31'31	5°49'49	28°54'54	W10
T 11	15 18 57	21°16'38	29°21'21	29°31'31	29°42'42	9° 5'05	15°48'48	0°53'53	21°54'54	9°26'26	18°38'38	21°57'57	23°28'28	5°56'56	28°58'58	T 11
F 12	15 22 54	22°14'36	11°II15	1°48'48	7°28'51	9°48'48	16° 2'02	0°59'59	21°55'55	9°26'26	18°40'40	21°57'57	23°25'25	6° 2'02	29° 2'02	F 12
S 13	15 26 50	23°12'33	23°20'20	2°46'46	28°15'15	10°32'32	16°15'15	1° 5'05	21°55'55	9°27'27	18°41'41	21°R58	23°22'22	6° 9'09	29° 7'07	S 13
S 14	15 30 47	24°10'28	5°II41	4°27'27	27°38'38	11°15'15	16°28'28	1°10'10	21°56'56	9°28'28	18°42'42	21°57'57	23°18'18	6°16'16	29°11'11	S 14
M15	15 34 43	25° 8'21	18°24'24	6°10'10	27° 0'00	11°59'59	16°42'42	1°15'15	21°56'56	9°29'29	18°43'43	21°54'54	23°15'15	6°22'22	29°15'15	M15
T 16	15 38 40	26° 6'13	1°42'32	7°55'55	26°22'22	12°42'42	16°55'55	1°21'21	21°57'57	9°30'30	18°44'44	21°50'50	23°12'12	6°29'29	29°19'19	T 16
W17	15 42 36	27° 4'03	15° 8'08	9°42'42	25°45'45	13°26'26	17° 9'09	1°26'26	21°57'57	9°31'31	18°46'46	21°43'43	23° 9'09	6°35'35	29°24'24	W17
T 18	15 46 33	28° 1'51	29°11'11	11°31'31	25° 7'07	14° 9'09	17°22'22	1°31'31	21°58'58	9°32'32	18°47'47	21°35'35	23° 6'06	6°42'42	29°28'28	T 18
F 19	15 50 30	28°59'37	13°II39	13°22'22	24°30'30	14°52'52	17°36'36	1°36'36	21°58'58	9°33'33	18°48'48	21°27'27	23° 2'02	6°49'49	29°32'32	F 19
S 20	15 54 26	29°57'23	28°26'26	15°15'15	23°53'53	15°35'35	17°49'49	1°41'41	21°58'58	9°34'34	18°49'49	21°19'19	22°59'59	6°55'55	29°37'37	S 20
S 21	15 58 23	0°II55'06	13°47'23	17°10'10	23°18'18	16°19'19	18° 3'03	1°46'46	21°59'59	9°35'35	18°50'50	21°13'13	22°56'56	7° 2'02	29°41'41	S 21
M22	16 2 19	1°52'49	28°23'23	19° 7'07	22°44'44	17° 2'02	18°16'16	1°51'51	21°59'59	9°36'36	18°51'51	21° 9'09	22°53'53	7° 9'09	29°46'46	M22
T 23	16 6 16	2°50'30	13°30'16	21° 6'06	22°11'11	17°45'45	18°30'30	1°56'56	21°59'59	9°37'37	18°52'52	21° 7'07	22°50'50	7°15'15	29°50'50	T 23
W24	16 10 12	3°48'11	27°56'56	23° 7'07	21°39'39	18°28'28	18°44'44	2° 1'01	21°59'59	9°38'38	18°54'54	21°D 7'07	22°47'47	7°22'22	29°54'54	W24
T 25	16 14 9	4°45'50	12°48'18	25°10'10	21° 9'09	19°11'11	18°57'57	2° 5'05	21°59'59	9°39'39	18°55'55	21° 8'08	22°43'43	7°29'29	29°59'59	T 25
F 26	16 18 5	5°43'28	26°20'20	27°14'14	20°42'42	19°54'54	19°11'11	2°10'10	21°R59	9°40'40	18°56'56	21° 9'09	22°40'40	7°35'35	0°II 3'03	F 26
S 27	16 22 2	6°41'06	10°48'3	29°20'20	20°16'16	20°38'38	19°25'25	2°15'15	21°59'59	9°41'41	18°57'57	21°R10	22°37'37	7°42'42	0° 7'07	S 27
S 28	16 25 59	7°38'42	23°26'26	1°II28	19°52'52	21°21'21	19°38'38	2°19'19	21°59'59	9°42'42	18°58'58	21° 8'08	22°34'34	7°49'49	0°11'11	S 28
M29	16 29 55	8°36'17	6°47'32	3°37'37	19°30'30	22° 3'03	19°52'52	2°24'24	21°59'59	9°44'44	18°59'59	21° 5'05	22°31'31	7°55'55	0°16'16	M29
T 30	16 33 52	9°33'52	19°32'32	5°47'47	19°11'11	22°46'46	20° 6'06	2°28'28	21°59'59	9°45'45	19° 0'00	21° 1'01	22°28'28	8° 2'02	0°20'20	T 30
W31	16 37 48	10°II31'26	1°48'58	7°II57	18°45'54	23°48'29	20°II20	2°47'32	21°59'59	9°46'46	19°46'46	20°35'44	22°32'44	8°49'49	0°II24'24	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
M 1	15n18	2n42	4n30	3n19	2s55	26n15	5n28	12s20	1s37	22n 1	0s25	1s54	2s 2	14s55	0s42	17n52	0s 3	8s19	16s47	21s26	21s18	25n 2	16n41	3s10	4s11
T 2	15 36	8 16	4 54	3 48	2 56	26 7	5 23	12 5	1 38	22 3	0 25	1 52	2 2	14 54	0 42	17 52	0 3	8 18	16 47	21 28	21 19	25 1	16 42	3 10	4 11
W 3	15 54	13 23	5 2	4 17	2 56	25 58	5 17	11 50	1 39	22 4	0 25	1 49	2 2	14 54	0 42	17 52	0 3	8 18	16 47	21 30	21 19	25 0	16 42	3 10	4 11
T 4	16 11	17 51	4 55	4 48	2 56	25 47	5 11	11 35	1 40	22 6	0 24	1 47	2 2	14 54	0 42	17 52	0 3	8 18	16 47	21 32	21 20	24 59	16 43	3 10	4 11
F 5	16 28	21 27	4 34	5 19	2 55	25 36	5 4	11 20	1 41	22 8	0 24	1 45	2 2	14 53	0 42	17 52	0 3	8 17	16 47	21 34	21 20	24 58	16 44	3 10	4 11
S 6	16 45	24 2	4 0	5 52	2 53	25 23	4 56	11 5	1 42	22 9	0 24	1 43	2 3	14 53	0 42	17 51	0 3	8 17	16 48	21 35	21 21	24 57	16 45	3 10	4 11
S 7	17 1	25 27	3 16	6 26	2 51	25 10	4 48	10 50	1 43	22 11	0 24	1 40	2 3	14 53	0 42	17 51	0 3	8 17	16 48	21 37	21 21	24 55	16 46	3 10	4 11
M 8	17 17	25 41	2 24	7 1	2 48	24 55	4 39	10 35	1 44	22 12	0 24	1 38	2 3	14 53	0 42	17 51	0 3	8 16	16 48	21 38	21 22	24 54	16 47	3 10	4 11
T 9	17 33	24 44	1 25	7 37	2 45	24 39	4 30	10 19	1 45	22 14	0 24	1 36	2 3	14 52	0 42	17 51	0 3	8 16	16 48	21 38	21 22	24 53	16 48	3 10	4 11
W10	17 49	22 40	0 23	8 14	2 41	24 22	4 20	10 4	1 46	22 15	0 24	1 34	2 3	14 52	0 42	17 51	0 3	8 16	16 48	21 39	21 23	24 52	16 49	3 10	4 11
T 11	18 4	19 38	0s40	8 51	2 36	24 4	4 9	9 48	1 47	22 17	0 24	1 32	2 4	14 52	0 42	17 51	0 3	8 16	16 48	21 39	21 23	24 51	16 50	3 10	4 11
F 12	18 19	15 46	1 42	9 30	2 31	23 46	3 58	9 33	1 48	22 19	0 23	1 30	2 4	14 52	0 42	17 50	0 3	8 15	16 49	21 38	21 24	24 50	16 50	3 10	4 11
S 13	18 34	11 13	2 40	10 8	2 26	23 26	3 46	9 17	1 48	22 20	0 23	1 28	2 4	14 51	0 42	17 50	0 3	8 15	16 49	21 38	21 25	24 49	16 51	3 10	4 11
S 14	18 48	6 7	3 32	10 48	2 20	23 6	3 34	9 2	1 49	22 21	0 23	1 26	2 4	14 51	0 42	17 50	0 3	8 15	16 49	21 38	21 25	24 48	16 52	3 10	4 11
M15	19 3	0 39	4 16	11 28	2 14	22 45	3 21	8 46	1 50	22 23	0 23	1 24	2 4	14 51	0 42	17 50	0 3	8 15	16 49	21 39	21 26	24 46	16 53	3 10	4 11
T 16	19 16	5s 1	4 48	12 9	2 7	22 23	3 8	8 30	1 51	22 24	0 23	1 22	2 4	14 51	0 42	17 50	0 3	8 14	16 49	21 40	21 26	24 45	16 54	3 10	4 11
W17	19 30	10 38	5 4	12 50	1 59	22 1	2 55	8 14	1 52	22 26	0 23	1 20	2 5	14 51	0 42	17 49	0 3	8 14	16 50	21 41	21 27	24 44	16 55	3 11	4 11
T 18	19 43	15 55	5 4	13 31	1 51	21 38	2 41	7 59	1 53	22 27	0 23	1 18	2 5	14 51	0 42	17 49	0 2	8 14	16 50	21 42	21 27	24 43	16 55	3 11	4 11
F 19	19 56	20 26	4 44	14 12	1 43	21 16	2 27	7 43	1 54	22 29	0 23	1 17	2 5	14 51	0 42	17 49	0 2	8 14	16 50	21 43	21 28	24 42	16 56	3 11	4 11
S 20	20 8	23 47	4 5	14 54	1 34	20 53	2 13	7 27	1 55	22 30	0 22	1 15	2 5	14 51	0 42	17 49	0 2	8 13	16 50	21 44	21 28	24 40	16 57	3 11	4 11
S 21	20 20	25 31	3 9	15 35	1 25	20 30	1 59	7 11	1 56	22 31	0 22	1 13	2 6	14 51	0 42	17 48	0 2	8 13	16 51	21 45	21 29	24 39	16 58	3 11	4 11
M22	20 32	25 25	2 0	16 17	1 16	20 7	1 44	6 55	1 57	22 33	0 22	1 11	2 6	14 51	0 42	17 48	0 2	8 13	16 51	21 46	21 29	24 38	16 59	3 11	4 11
T 23	20 43	23 28	0 42	16 58	1 6	19 45	1 30	6 39	1 58	22 34	0 22	1 9	2 6	14 51	0 42	17 48	0 2	8 13	16 51	21 46	21 30	24 37	17 0	3 11	4 11
W24	20 54	19 58	0n37	17 38	0 46	19 23	1 15	6 23	1 59	22 35	0 22	1 8	2 6	14 51	0 42	17 48	0 2	8 13	16 51	21 46	21 30	24 36	17 0	3 11	4 11
T 25	21 5	15 19	1 52	18 18	0 56	19 2	1 1	6 7	2 0	22 36	0 22	1 6	2 6	14 51	0 43	17 47	0 2	8 13	16 52	21 46	21 31	24 34	17 1	3 11	4 11
F 26	21 15	9 56	2 59	18 58	0 35	18 41	0 47	5 51	2 1	22 38	0 22	1 4	2 7	14 51	0 43	17 47	0 2	8 12	16 52	21 46	21 31	24 33	17 2	3 11	4 11
S 27	21 25	4 11	3 54	19 36	0 25	18 20	0 33	5 34	2 1	22 39	0 22	1 3	2 7	14 51	0 43	17 47	0 2	8 12	16 52	21 46	21 32	24 32	17 3	3 11	4 11
S 28	21 35	1n36	4 34	20 13	0 14	18 1	0 20	5 18	2 2	22 40	0 22	1 1	2 7	14 51	0 43	17 46	0 2	8 12	16 52	21 46	21 32	24 31	17 4	3 11	4 11
M29	21 44	7 11	5 0	20 49	0 3	17 42	0 6	5 2	2 3	22 41	0 22	1 0	2 7	14 51	0 43	17 46	0 2	8 12	16 53	21 47	21 33	24 29	17 4	3 12	4 11
T 30	21 53	12 21	5 9	21 23	0n 7	17 24	0s 7	4 46	2 2	22 42	0 21	0 58	2 8	14 51	0 43	17 46	0 2	8 12	16 53	21 47	21 34	24 28	17 5	3 12	4 11
W31	22n 1	16n54	5n 4	21n55	0n18	17n 7	0s20	4s30	2s 5	22n43	0s21	0s57	2s 8	14s51	0s43	17n45	0s 2	8s12	16s53	21s48	21s34	24n27	17n 6	3s12	4 11

ASTRODIENST EPHEMERIS for the year 2084
geocentric

JUNE 2084

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	16 41 45	11 ^{II} 28'58	14 [♈] 23	10 ^{II} 9	18°R40	24 [♋] 12	20 ^{II} 33	2 [♌] 36	21°R58	9 [♍] 48	19 [♎] 2	20°R47	22 [♏] 21	8 [♐] 15	0 ^{II} 29	T 1
F 2	16 45 41	12°26'30	26°37	12°21	18 [♈] 28	24°55	20°47	2°40	21 [♋] 58	9°49	19° 3	20 [♌] 40	22°18	8°22	0°33	F 2
S 3	16 49 38	13°24'01	8 ^{II} 42	14°33	18°18	25°37	21° 1	2°44	21°58	9°50	19° 4	20°34	22°15	8°29	0°37	S 3
S 4	16 53 34	14°21'31	20°39	16°45	18°11	26°20	21°15	2°48	21°57	9°52	19° 4	20°29	22°12	8°35	0°42	S 4
M 5	16 57 31	15°19'00	2 [♌] 30	18°57	18° 6	27° 3	21°29	2°52	21°57	9°53	19° 5	20°26	22° 8	8°42	0°46	M 5
T 6	17 1 128	16°16'29	14°17	21° 8	18° 3	27°45	21°42	2°56	21°56	9°55	19° 6	20°24	22° 5	8°48	0°50	T 6
W 7	17 5 24	17°13'55	26° 4	23°18	18°D 3	28°28	21°56	2°59	21°56	9°56	19° 7	20°D24	22° 2	8°55	0°54	W 7
T 8	17 9 21	18°11'21	7 [♍] 23	25°27	18° 5	29°10	22°10	3° 3	21°55	9°58	19° 8	20°26	21°59	9° 2	0°58	T 8
F 9	17 13 17	19° 8'46	19°48	27°34	18° 9	29°52	22°24	3° 7	21°54	9°59	19° 9	20°27	21°56	9° 8	1° 3	F 9
S 10	17 17 14	20° 6'10	1 [♎] 53	29°40	18°16	0 [♏] 34	22°38	3°10	21°54	10° 1	19°10	20°29	21°53	9°15	1° 7	S 10
S 11	17 21 10	21° 3'32	14°14	1 [♏] 44	18°25	1°17	22°52	3°13	21°53	10° 2	19°10	20°30	21°49	9°22	1°11	S 11
M12	17 25 7	22° 0'54	26°54	3°46	18°35	1°59	23° 6	3°16	21°52	10° 4	19°11	20°R30	21°46	9°28	1°15	M12
T 13	17 29 3	22°58'15	9 [♐] 59	5°47	18°48	2°41	23°19	3°20	21°51	10° 5	19°12	20°29	21°43	9°35	1°19	T 13
W14	17 33 0	23°55'34	23°30	7°45	19° 3	3°23	23°33	3°23	21°51	10° 7	19°13	20°27	21°40	9°42	1°23	W14
T 15	17 36 57	24°52'53	7 [♑] 29	9°41	19°20	4° 4	23°47	3°26	21°50	10° 9	19°13	20°24	21°37	9°48	1°28	T 15
F 16	17 40 53	25°50'11	21°55	11°34	19°39	4°46	24° 1	3°28	21°49	10°10	19°14	20°20	21°34	9°55	1°32	F 16
S 17	17 44 50	26°47'28	6 [♒] 44	13°26	19°59	5°28	24°15	3°31	21°48	10°12	19°15	20°17	21°30	10° 2	1°36	S 17
S 18	17 48 46	27°44'44	21°48	15°15	20°21	6°10	24°29	3°34	21°47	10°14	19°15	20°15	21°27	10° 8	1°40	S 18
M19	17 52 43	28°42'00	6 [♓] 59	17° 2	20°45	6°51	24°42	3°36	21°45	10°16	19°16	20°13	21°24	10°15	1°44	M19
T 20	17 56 39	29°39'16	22° 8	18°46	21°11	7°33	24°56	3°39	21°44	10°17	19°17	20°D13	21°21	10°22	1°48	T 20
W21	18 0 36	0 [♈] 36'31	7 [♈] 5	20°28	21°38	8°14	25°10	3°41	21°43	10°19	19°17	20°13	21°18	10°28	1°52	W21
T 22	18 4 33	1°33'45	21°43	22° 8	22° 7	8°55	25°24	3°44	21°42	10°21	19°18	20°15	21°14	10°35	1°56	T 22
F 23	18 8 29	2°31'00	5 [♋] 59	23°45	22°37	9°36	25°38	3°46	21°41	10°23	19°18	20°16	21°11	10°42	1°59	F 23
S 24	18 12 26	3°28'14	19°49	25°20	23° 9	10°18	25°51	3°48	21°39	10°25	19°19	20°17	21° 8	10°48	2° 3	S 24
S 25	18 16 22	4°25'28	3 [♌] 16	26°52	23°42	10°58	26° 5	3°50	21°38	10°27	19°19	20°R17	21° 5	10°55	2° 7	S 25
M26	18 20 19	5°22'42	16°19	28°22	24°16	11°39	26°19	3°52	21°37	10°28	19°20	20°17	21° 2	11° 1	2°11	M26
T 27	18 24 15	6°19'56	29° 3	29°49	24°52	12°20	26°33	3°54	21°35	10°30	19°20	20°16	20°59	11° 8	2°15	T 27
W28	18 28 12	7°17'11	11 [♈] 30	1 [♌] 14	25°28	13° 1	26°46	3°56	21°34	10°32	19°21	20°15	20°55	11°15	2°19	W28
T 29	18 32 8	8°14'25	23°43	2°37	26° 6	13°41	27° 0	3°57	21°32	10°34	19°21	20°13	20°52	11°21	2°22	T 29
F 30	18 36 5	9 [♏] 11'39	5 ^{II} 46	3 [♍] 57	26 [♈] 45	14 [♌] 22	27 ^{II} 14	3 [♏] 59	21 [♋] 31	10 [♌] 36	19 [♏] 22	20 [♓] 11	20 [♓] 49	11 [♏] 28	2 ^{II} 26	F 30

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	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	decl	lat	decl	lat
T 1	22n 9	20n40	4n44	22n25	0n28	16n52	0s32	4s14	2s 6	22n44	0s21	0s55	2s 8	14s51	0s43	17n45	0s 2	8s12	16s53	21s49	21s35	24n26	17n 7	3s12											
F 2	22 17	23 28	4 11	22 54	0 38	16 37	0 44	3 57	2 7	22 45	0 21	0 54	2 8	14 51	0 43	17 45	0 2	8 12	16 54	21 50	21 35	24 24	17 8	3 12											
S 3	22 24	25 10	3 28	23 19	0 48	16 23	0 56	3 41	2 7	22 47	0 21	0 53	2 8	14 51	0 43	17 44	0 2	8 12	16 54	21 51	21 36	24 23	17 8	3 12											
S 4	22 31	25 41	2 35	23 43	0 57	16 10	1 7	3 25	2 8	22 48	0 21	0 51	2 9	14 52	0 43	17 44	0 2	8 11	16 54	21 52	21 36	24 22	17 9	3 12											
M 5	22 37	25 1	1 36	24 4	1 6	15 58	1 18	3 9	2 9	22 49	0 21	0 50	2 9	14 52	0 43	17 44	0 2	8 11	16 55	21 53	21 37	24 20	17 10	3 12											
T 6	22 43	23 13	0 33	24 22	1 14	15 48	1 28	2 53	2 10	22 50	0 21	0 49	2 9	14 52	0 43	17 43	0 2	8 11	16 55	21 53	21 37	24 19	17 10	3 13											
W 7	22 49	20 25	0s31	24 37	1 22	15 38	1 38	2 37	2 11	22 50	0 21	0 47	2 9	14 52	0 43	17 43	0 2	8 11	16 55	21 53	21 38	24 18	17 11	3 13											
T 8	22 54	16 46	1 34	24 50	1 29	15 29	1 48	2 21	2 12	22 51	0 21	0 46	2 10	14 52	0 43	17 42	0 2	8 11	16 55	21 53	21 38	24 17	17 12	3 13											
F 9	22 59	12 26	2 34	25 0	1 35	15 22	1 57	2 5	2 12	22 52	0 20	0 45	2 10	14 53	0 43	17 42	0 2	8 11	16 56	21 52	21 39	24 15	17 13	3 13											
S 10	23 4	7 33	3 28	25 7	1 41	15 15	2 5	1 49	2 13	22 53	0 20	0 44	2 10	14 53	0 43	17 42	0 2	8 11	16 56	21 52	21 39	24 14	17 13	3 13											
S 11	23 8	2 18	4 14	25 11	1 46	15 10	2 14	1 33	2 14	22 54	0 20	0 43	2 10	14 53	0 43	17 41	0 2	8 11	16 56	21 52	21 40	24 13	17 14	3 13											
M12	23 11	3s11	4 48	25 13	1 50	15 5	2 22	1 17	2 15	22 55	0 20	0 42	2 11	14 54	0 43	17 41	0 2	8 11	16 57	21 52	21 40	24 11	17 15	3 13											
T 13	23 15	8 41	5 9	25 12	1 54	15 1	2 29	1 1	2 16	22 56	0 20	0 41	2 11	14 54	0 43	17 40	0 2	8 11	16 57	21 52	21 41	24 10	17 15	3 14											
W14	23 17	13 59	5 14	25 9	1 57	14 58	2 36	0 45	2 16	22 56	0 20	0 40	2 11	14 54	0 43	17 40	0 2	8 11	16 57	21 52	21 41	24 9	17 16	3 14											
T 15	23 20	18 44	5 1	25 3	1 59	14 56	2 43	0 29	2 17	22 57	0 20	0 39	2 11	14 55	0 43	17 40	0 2	8 11	16 58	21 53	21 42	24 7	17 17	3 14											
F 16	23 22	22 33	4 28	24 55	2 0	14 55	2 49	0 13	2 18	22 58	0 20	0 38	2 12	14 55	0 43	17 39	0 2	8 11	16 58	21 53	21 42	24 6	17 17	3 14											
S 17	23 23	24 59	3 37	24 45	2 0	14 55	2 55	0n 3	2 19	22 59	0 20	0 37	2 12	14 55	0 43	17 39	0 2	8 12	16 58	21 54	21 43	24 4	17 18	3 14											
S 18	23 25	25 41	2 30	24 33	2 0	14 56	3 1	0 19	2 19	22 59	0 20	0 36	2 12	14 56	0 43	17 38	0 2	8 12	16 59	21 54	21 43	24 3	17 19	3 14											
M19	23 25	24 27	1 12	24 19	1 59	14 57	3 6	0 34	2 20	23 0	0 19	0 36	2 12	14 56	0 43	17 38	0 2	8 12	16 59	21 54	21 44	24 2	17 19	3 15											
T 20	23 26	21 26	0n11	24 3	1 58	14 59	3 11	0 50	2 21	23 1	0 19	0 35	2 13	14 56	0 43	17 37	0 2	8 12	16 59	21 54	21 44	24 0	17 20	3 15											
W21	23 26	17 1	1 32	23 46	1 55	15 1	3 15	1 6	2 21	23 1	0 19	0 34	2 13	14 57	0 44	17 37	0 2	8 12	17 0	21 54	21 45	23 59	17 20	3 15											
T 22	23 25	11 39	2 45	23 27	1 52	15 4	3 20	1 21	2 22	23 2	0 19	0 33	2 13	14 57	0 44	17 36	0 2	8 12	17 0	21 54	21 45	23 58	17 21	3 15											
F 23	23 24	5 48	3 47	23 7	1 48	15 8	3 23	1 37	2 23	23 2	0 19	0 33	2 14	14 58	0 44	17 36	0 2	8 12	17 0	21 54	21 46	23 56	17 22	3 15											
S 24	23 23	0n 9	4 33	22 46	1 44	15 13	3 27	1 52	2 24	23 3	0 19	0 32	2 14	14 58	0 44	17 35	0 2	8 12	17 1	21 54	21 46	23 55	17 22	3 15											
S 25	23 21	5 55	5 3	22 24	1 39	15 17	3 30	2 8	2 24	23 3	0 19	0 32	2 14	14 59	0 44	17 35	0 2	8 12	17 1	21 54	21 47	23 53	17 23	3 16											
M26	23 19	11 16	5 16	22 0	1 33	15 23	3 33	2 23	2 25	23 4	0 19	0 31	2 14	14 59	0 44	17 34	0 2	8 12	17 1	21 54	21 47	23 52	17 23	3 16											
T 27	23 17	16 0	5 13	21 36	1 27	15 29	3 36	2 38	2 25	23 4	0 19	0 31	2 15	15 0	0 44	17 34	0 2	8 13	17 2	21 54	21 48	23 50	17 24	3 16											
W28	23 14	19 57	4 55	21 11	1 20	15 35	3 39	2 54	2 26	23 5	0 19	0 30	2 15	15 0	0 44	17 33	0 2	8 13	17 2	21 54	21 48	23 49	17 24	3 16											
T 29	23 10	22 57	4 24	20 45	1 13	15 41	3 41	3 9	2 27	23 5	0 19	0 30	2 15	15 1	0 44	17 33	0 2	8 13	17 2	21 54	21 49	23 48	17 25	3 16											
F 30	23n 7	24n54	3n42	20n19	1n 5	15n48	3s43	3n24	2s27	23n 5	0s19	0s29	2s15	15s 1	0s44	17n32	0s 2	8s13	17s 3	21s55	21s49	23n46	17n25	3s17											

ASTRODIENST EPHEMERIS for the year 2084
geocentric

JULY 2084

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Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	18 40 2	10 ⁵⁵ 8'53	17 ¹¹ 41	5 ¹⁴ 14	27 ¹⁸ 25	15 ¹⁷ 2	27 ¹¹ 27	4 ¹⁷ 0	21 ¹⁸ 29	10 ¹² 38	19 ¹⁷ 22	20 ¹⁰ R10	20 ³ 46	11 ⁵³ 35	2 ¹¹ 30	S 1
S 2	18 43 58	11° 6'07	29°31	6°29	28° 7	15°42	27°41	4° 1	21 ²² 27	10°40	19°22	20 ³ 9	20°43	11°41	2°33	S 2
M 3	18 47 55	12° 3'21	11 ⁵⁵ 19	7°41	28°49	16°22	27°55	4° 3	21°26	10°42	19°23	20° 8	20°40	11°48	2°37	M 3
T 4	18 51 51	13° 0'35	23° 6	8°50	29°32	17° 2	28° 8	4° 4	21°24	10°44	19°23	20°D 8	20°36	11°55	2°41	T 4
W 5	18 55 48	13°57'49	4 ¹² 55	9°56	0 ¹¹ 16	17°42	28°22	4° 5	21°22	10°46	19°23	20° 8	20°33	12° 1	2°44	W 5
T 6	18 59 44	14°55'03	16°48	11° 0	1° 1	18°22	28°35	4° 6	21°21	10°48	19°24	20° 9	20°30	12° 8	2°48	T 6
F 7	19 3 41	15°52'17	28°49	12° 0	1°46	19° 1	28°49	4° 7	21°19	10°50	19°24	20° 9	20°27	12°15	2°51	F 7
S 8	19 7 37	16°49'30	10 ¹¹ 59	12°57	2°33	19°41	29° 2	4° 7	21°17	10°52	19°24	20°10	20°24	12°21	2°55	S 8
S 9	19 11 34	17°46'43	23°24	13°51	3°20	20°20	29°16	4° 8	21°15	10°54	19°24	20°10	20°20	12°28	2°58	S 9
M10	19 15 31	18°43'56	6 ¹² 5	14°42	4° 8	20°59	29°29	4° 9	21°13	10°56	19°25	20°10	20°17	12°35	3° 1	M10
T 11	19 19 27	19°41'09	19° 7	15°29	4°57	21°38	29°43	4° 9	21°11	10°58	19°25	20°10	20°14	12°41	3° 5	T 11
W12	19 23 24	20°38'22	2 ¹¹ 32	16°13	5°47	22°17	29°56	4° 9	21°10	11° 1	19°25	20°10	20°11	12°48	3° 8	W12
T 13	19 27 20	21°35'35	16°22	16°53	6°37	22°55	0 ⁵⁵ 9	4°10	21° 8	11° 3	19°25	20°10	20° 8	12°54	3°11	T 13
F 14	19 31 17	22°32'48	0 ¹⁷ 36	17°29	7°28	23°34	0°22	4°10	21° 6	11° 5	19°25	20°10	20° 5	13° 1	3°15	F 14
S 15	19 35 13	23°30'01	15°14	18° 1	8°19	24°12	0°36	4°R10	21° 4	11° 7	19°25	20°11	20° 1	13° 8	3°18	S 15
S 16	19 39 10	24°27'14	0 ³ 11	18°29	9°11	24°50	0°49	4°10	21° 2	11° 9	19°25	20°11	19°58	13°14	3°21	S 16
M17	19 43 6	25°24'28	15°18	18°53	10° 4	25°28	1° 2	4° 9	20°59	11°11	19°25	20°R11	19°55	13°21	3°24	M17
T 18	19 47 3	26°21'41	0 ²² 29	19°12	10°57	26° 6	1°15	4° 9	20°57	11°13	19°25	20°11	19°52	13°28	3°27	T 18
W19	19 51 0	27°18'55	15°32	19°27	11°51	26°44	1°28	4° 9	20°55	11°16	19°R25	20°11	19°49	13°34	3°30	W19
T 20	19 54 56	28°16'10	0 ¹⁸ 21	19°37	12°46	27°21	1°41	4° 8	20°53	11°18	19°25	20°10	19°46	13°41	3°33	T 20
F 21	19 58 53	29°13'25	14°47	19°42	13°41	27°58	1°54	4° 8	20°51	11°20	19°25	20° 9	19°42	13°48	3°36	F 21
S 22	20 2 49	0 ¹⁰ 10'40	28°48	19°R42	14°36	28°35	2° 7	4° 7	20°49	11°22	19°25	20° 8	19°39	13°54	3°39	S 22
S 23	20 6 46	1° 7'57	12 ¹⁷ 21	19°37	15°32	29°12	2°20	4° 6	20°47	11°24	19°25	20° 7	19°36	14° 1	3°42	S 23
M24	20 10 42	2° 5'14	25°29	19°27	16°28	29°49	2°33	4° 5	20°44	11°26	19°25	20° 7	19°33	14° 8	3°44	M24
T 25	20 14 39	3° 2'32	8 ¹⁸ 12	19°13	17°25	0 ¹⁸ 25	2°46	4° 4	20°42	11°29	19°25	20°D 7	19°30	14°14	3°47	T 25
W26	20 18 35	3°59'52	20°36	18°53	18°22	1° 2	2°59	4° 3	20°40	11°31	19°25	20° 7	19°26	14°21	3°50	W26
T 27	20 22 32	4°57'12	2 ¹¹ 45	18°29	19°20	1°38	3°11	4° 2	20°38	11°33	19°25	20° 8	19°23	14°27	3°52	T 27
F 28	20 26 29	5°54'33	14°42	18° 1	20°18	2°13	3°24	4° 1	20°35	11°35	19°24	20° 9	19°20	14°34	3°55	F 28
S 29	20 30 25	6°51'55	26°32	17°28	21°17	2°49	3°37	4° 0	20°33	11°38	19°24	20°11	19°17	14°41	3°58	S 29
S 30	20 34 22	7°49'18	8 ⁵⁵ 19	16°52	22°16	3°24	3°49	3°58	20°31	11°40	19°24	20°12	19°14	14°47	4° 0	S 30
M31	20 38 18	8 ¹² 46'42	20 ⁵⁵ 6	16 ¹² 13	23 ¹¹ 15	4° 0	4°5 2	3°Y56	20°28	11°42	19°Y24	20°R12	19°3 11	14°54	4°II 3	M31

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	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	23n 2	25n41	2n51	19n52	0n56	15n56	3s45	3n39	2s28	23n 6	0s18	0s29	2s16	15s 2	0s44	17n32	0s 2	8s13	17s 3	21s55	21s50	23n45	17n26	3s17	
S 2	22 58	25 18	1 52	19 25	0 47	16 3	3 46	3 54	2 29	23 6	0 18	0 29	2 16	15 2	0 44	17 31	0 2	8 13	17 3	21 55	21 50	23 43	17 26	3 17	
M 3	22 53	23 46	0 49	18 57	0 38	16 11	3 47	4 8	2 29	23 6	0 18	0 29	2 16	15 3	0 44	17 31	0 2	8 14	17 4	21 55	21 51	23 42	17 27	3 17	
T 4	22 48	21 11	0s16	18 29	0 28	16 19	3 49	4 23	2 30	23 7	0 18	0 28	2 17	15 3	0 44	17 30	0 2	8 14	17 4	21 55	21 51	23 40	17 27	3 17	
W 5	22 42	17 43	1 21	18 2	0 17	16 27	3 49	4 38	2 30	23 7	0 18	0 28	2 17	15 4	0 44	17 30	0 2	8 14	17 5	21 55	21 51	23 39	17 28	3 18	
T 6	22 36	13 31	2 23	17 34	0 6	16 36	3 50	4 52	2 31	23 7	0 18	0 28	2 17	15 4	0 44	17 29	0 2	8 14	17 5	21 55	21 52	23 37	17 28	3 18	
F 7	22 29	8 46	3 19	17 6	0s 5	16 45	3 50	5 7	2 31	23 7	0 18	0 28	2 17	15 5	0 44	17 29	0 2	8 15	17 5	21 55	21 52	23 36	17 29	3 18	
S 8	22 22	3 38	4 7	16 39	0 17	16 53	3 51	5 21	2 32	23 8	0 18	0 28	2 18	15 6	0 44	17 28	0 2	8 15	17 6	21 55	21 53	23 34	17 29	3 18	
S 9	22 15	1s44	4 44	16 12	0 29	17 2	3 51	5 35	2 32	23 8	0 18	0 28	2 18	15 6	0 44	17 28	0 2	8 15	17 6	21 55	21 53	23 33	17 30	3 19	
M10	22 7	7 8	5 8	15 45	0 42	17 11	3 51	5 49	2 33	23 8	0 18	0 28	2 18	15 7	0 44	17 27	0 2	8 15	17 6	21 55	21 54	23 31	17 30	3 19	
T 11	21 59	12 23	5 18	15 19	0 54	17 20	3 50	6 3	2 33	23 8	0 18	0 28	2 18	15 8	0 44	17 26	0 2	8 16	17 7	21 55	21 54	23 30	17 30	3 19	
W12	21 51	17 12	5 11	14 54	1 8	17 29	3 50	6 17	2 34	23 8	0 18	0 28	2 19	15 8	0 44	17 26	0 2	8 16	17 7	21 55	21 55	23 28	17 31	3 19	
T 13	21 42	21 16	4 45	14 29	1 21	17 38	3 49	6 31	2 34	23 8	0 17	0 28	2 19	15 9	0 44	17 25	0 2	8 16	17 7	21 55	21 55	23 27	17 31	3 20	
F 14	21 33	24 13	4 2	14 5	1 35	17 47	3 48	6 45	2 35	23 8	0 17	0 29	2 19	15 10	0 44	17 25	0 2	8 16	17 8	21 55	21 56	23 25	17 32	3 20	
S 15	21 23	25 38	3 2	13 42	1 49	17 56	3 47	6 59	2 35	23 8	0 17	0 29	2 20	15 10	0 44	17 24	0 2	8 17	17 8	21 55	21 56	23 24	17 32	3 20	
S 16	21 13	25 15	1 49	13 20	2 3	18 5	3 46	7 12	2 35	23 8	0 17	0 29	2 20	15 11	0 44	17 24	0 2	8 17	17 8	21 55	21 57	23 22	17 32	3 20	
M17	21 3	23 0	0 27	12 59	2 17	18 14	3 45	7 26	2 36	23 8	0 17	0 30	2 20	15 12	0 44	17 23	0 2	8 17	17 9	21 55	21 57	23 21	17 33	3 20	
T 18	20 52	19 7	0n57	12 40	2 31	18 23	3 44	7 39	2 36	23 8	0 17	0 30	2 20	15 12	0 44	17 22	0 2	8 18	17 9	21 55	21 58	23 19	17 33	3 21	
W19	20 41	14 0	2 16	12 22	2 45	18 32	3 42	7 52	2 37	23 8	0 17	0 30	2 21	15 13	0 44	17 22	0 2	8 18	17 10	21 55	21 58	23 18	17 33	3 21	
T 20	20 30	8 9	3 25	12 6	2 59	18 41	3 40	8 5	2 37	23 8	0 17	0 31	2 21	15 14	0 44	17 21	0 2	8 18	17 10	21 55	21 59	23 16	17 34	3 21	
F 21	20 18	2 0	4 19	11 51	3 13	18 49	3 38	8 18	2 37	23 8	0 17	0 31	2 21	15 14	0 44	17 21	0 2	8 19	17 10	21 55	21 59	23 15	17 34	3 21	
S 22	20 6	4n 2	4 56	11 38	3 26	18 57	3 37	8 31	2 38	23 8	0 17	0 32	2 21	15 15	0 44	17 20	0 2	8 19	17 11	21 55	21 59	23 13	17 34	3 22	
S 23	19 54	9 42	5 14	11 27	3 39	19 5	3 35	8 43	2 38	23 8	0 17	0 32	2 22	15 16	0 44	17 19	0 2	8 19	17 11	21 55	22 0	23 11	17 34	3 22	
M24	19 41	14 45	5 16	11 19	3 52	19 13	3 32	8 56	2 38	23 8	0 17	0 33	2 22	15 16	0 44	17 19	0 2	8 20	17 11	21 55	22 0	23 10	17 35	3 22	
T 25	19 28	18 59	5 2	11 12	4 3	19 21	3 30	9 8	2 38	23 7	0 17	0 33	2 22	15 17	0 44	17 18	0 2	8 20	17 12	21 55	22 1	23 8	17 35	3 23	
W26	19 15	22 17	4 34	11 7	4 14	19 28	3 28	9 21	2 39	23 7	0 16	0 34	2 23	15 18	0 44	17 18	0 2	8 21	17 12	21 55	22 1	23 7	17 35	3 23	
T 27	19 1	24 31	3 54	11 5	4 24	19 36	3 25	9 33	2 39	23 7	0 16	0 35	2 23	15 19	0 44	17 17	0 2	8 21	17 12	21 55	22 2	23 5	17 35	3 23	
F 28	18 47	25 36	3 4	11 5	4 33	19 42	3 23	9 45	2 39	23 7	0 16	0 36	2 23	15 19	0 44	17 16	0 2	8 21	17 13	21 55	22 2	23 4	17 36	3 24	
S 29	18 33	25 30	2 7	11 7	4 41	19 49	3 20	9 57	2 39	23 7	0 16	0 36	2 23	15 20	0 44	17 16	0 2	8 22	17 13	21 55	22 3	23 2	17 36	3 24	
S 30	18 18	24 15	1 5	11 12	4 47	19 55	3 17	10 9	2 40	23 6	0 16	0 37	2 24	15 21	0 44	17 15	0 2	8 22	17 13	21 55	22 3	23 0	17 36	3 24	
M31	18n 3	21n56	0n 1	11n19	4s52	20n 1	3s14	10n20	2s40	23n 6	0s16	0s38	2s24	15s22	0s44	17n15	0s 2	8s23	17s14	21s55	22s 3	22n59	17n36	3s24	

ASTRODIENST EPHEMERIS for the year 2084
geocentric

AUGUST 2084

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 42 15	9♌44'06	1♌56	15°R30	24♌14	4♌34	4♌14	3°R55	20°R26	11♌44	19°R23	20°R12	19♌7	15♌1	4♌5	T 1
W 2	20 46 11	10°41'32	13°52	14♌46	25°14	5°9	4°26	3°Y53	20°24	11°46	19°Y23	20♌10	19°4	15°7	4°7	W 2
T 3	20 50 8	11°38'58	25°54	14°1	26°15	5°43	4°39	3°51	20°21	11°49	19°23	20°8	19°1	15°14	4°10	T 3
F 4	20 54 4	12°36'25	8♌6	13°15	27°15	6°17	4°51	3°49	20°19	11°51	19°23	20°5	18°58	15°21	4°12	F 4
S 5	20 58 1	13°33'53	20°29	12°30	28°16	6°51	5°3	3°47	20°17	11°53	19°22	20°1	18°55	15°27	4°14	S 5
S 6	21 1 58	14°31'22	3♌4	11°46	29°18	7°25	5°15	3°45	20°14	11°55	19°22	19°57	18°52	15°34	4°16	S 6
M 7	21 5 54	15°28'51	15°53	11°4	0♌19	7°58	5°27	3°43	20°12	11°58	19°21	19°54	18°48	15°41	4°18	M 7
T 8	21 9 51	16°26'21	28°58	10°25	1°21	8°31	5°39	3°41	20°10	12°0	19°21	19°52	18°45	15°47	4°20	T 8
W 9	21 13 47	17°23'52	12♌22	9°49	2°23	9°4	5°51	3°38	20°7	12°2	19°21	19°D51	18°42	15°54	4°22	W 9
T 10	21 17 44	18°21'24	26°4	9°18	3°26	9°36	6°3	3°36	20°5	12°4	19°20	19°51	18°39	16°1	4°24	T 10
F 11	21 21 40	19°18'57	10♌6	8°52	4°28	10°8	6°15	3°33	20°2	12°6	19°20	19°52	18°36	16°7	4°26	F 11
S 12	21 25 37	20°16'30	24°27	8°32	5°31	10°40	6°26	3°30	20°0	12°9	19°19	19°53	18°32	16°14	4°28	S 12
S 13	21 29 33	21°14'05	9♌6	8°17	6°35	11°12	6°38	3°28	19°58	12°11	19°19	19°55	18°29	16°20	4°29	S 13
M14	21 33 30	22°11'40	23°57	8°10	7°38	11°43	6°50	3°25	19°55	12°13	19°18	19°R55	18°26	16°27	4°31	M14
T 15	21 37 27	23°9'16	8♌54	8°D9	8°42	12°14	7°1	3°22	19°53	12°15	19°18	19°54	18°23	16°34	4°33	T 15
W16	21 41 23	24°6'54	23°49	8°15	9°46	12°44	7°12	3°19	19°50	12°17	19°17	19°51	18°20	16°40	4°34	W16
T 17	21 45 20	25°4'32	8♌35	8°29	10°50	13°14	7°24	3°16	19°48	12°20	19°16	19°47	18°17	16°47	4°36	T 17
F 18	21 49 16	26°2'12	23°3	8°50	11°55	13°44	7°35	3°13	19°46	12°22	19°16	19°41	18°13	16°54	4°37	F 18
S 19	21 53 13	26°59'54	7°Y7	9°18	12°59	14°13	7°46	3°10	19°43	12°24	19°15	19°36	18°10	17°0	4°38	S 19
S 20	21 57 9	27°57'36	20°46	9°54	14°4	14°43	7°57	3°6	19°41	12°26	19°15	19°31	18°7	17°7	4°40	S 20
M21	22 1 6	28°55'21	3♌58	10°37	15°9	15°11	8°8	3°3	19°39	12°28	19°14	19°27	18°4	17°14	4°41	M21
T 22	22 5 2	29°53'07	16°45	11°27	16°15	15°40	8°19	2°59	19°36	12°30	19°13	19°24	18°1	17°20	4°42	T 22
W23	22 8 59	0♌50'55	29°10	12°24	17°20	16°8	8°30	2°56	19°34	12°33	19°12	19°D23	17°58	17°27	4°43	W23
T 24	22 12 56	1°48'45	11♌18	13°28	18°26	16°35	8°41	2°52	19°32	12°35	19°12	19°24	17°54	17°34	4°44	T 24
F 25	22 16 52	2°46'36	23°14	14°38	19°32	17°2	8°51	2°49	19°29	12°37	19°11	19°25	17°51	17°40	4°45	F 25
S 26	22 20 49	3°44'29	5♌3	15°54	20°38	17°29	9°2	2°45	19°27	12°39	19°10	19°26	17°48	17°47	4°46	S 26
S 27	22 24 45	4°42'24	16°49	17°16	21°45	17°55	9°12	2°41	19°25	12°41	19°10	19°R27	17°45	17°53	4°47	S 27
M28	22 28 42	5°40'20	28°38	18°43	22°51	18°21	9°22	2°37	19°22	12°43	19°9	19°27	17°42	18°0	4°48	M28
T 29	22 32 38	6°38'18	10♌34	20°15	23°58	18°46	9°33	2°33	19°20	12°45	19°8	19°24	17°38	18°7	4°49	T 29
W30	22 36 35	7°36'18	22°38	21°51	25°5	19°11	9°43	2°30	19°18	12°47	19°7	19°20	17°35	18°13	4°49	W30
T 31	22 40 31	8♌34'19	4♌53	23♌31	26♌12	19♌36	9♌53	2°Y26	19°16	12♌49	19°Y6	19°R13	17°R32	18♌20	4♌50	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17n48	18n40	1s 4	11n28	4s56	20n 7	3s11	10n32	2s40	23n 6	0s16	0s39	2s24	15s22	0s44	17n14
W 2	17 33	14 38	2 7	11 39	4 57	20 12	3 8	10 43	2 40	23 5	0 16	0 40	2 24	15 23	0 44	17 13
T 3	17 17	9 59	3 4	11 52	4 57	20 17	3 5	10 54	2 40	23 5	0 16	0 41	2 25	15 24	0 44	17 13
F 4	17 1	4 54	3 54	12 7	4 55	20 22	3 2	11 5	2 40	23 5	0 16	0 42	2 25	15 25	0 44	17 12
S 5	16 45	0s25	4 34	12 23	4 51	20 26	2 59	11 16	2 40	23 4	0 16	0 43	2 25	15 25	0 44	17 12
S 6	16 28	5 49	5 1	12 41	4 46	20 30	2 55	11 27	2 40	23 4	0 16	0 44	2 25	15 26	0 45	17 11
M 7	16 11	11 4	5 13	12 59	4 38	20 34	2 52	11 38	2 40	23 3	0 16	0 45	2 26	15 27	0 45	17 10
T 8	15 54	15 56	5 10	13 18	4 29	20 37	2 48	11 48	2 41	23 3	0 16	0 46	2 26	15 28	0 45	17 10
W 9	15 37	20 9	4 50	13 38	4 19	20 40	2 45	11 58	2 41	23 3	0 15	0 47	2 26	15 28	0 45	17 9
T 10	15 19	23 22	4 14	13 57	4 7	20 42	2 41	12 9	2 41	23 2	0 15	0 49	2 26	15 29	0 45	17 9
F 11	15 1	25 16	3 21	14 17	3 53	20 44	2 38	12 19	2 40	23 2	0 15	0 50	2 27	15 30	0 45	17 8
S 12	14 43	25 34	2 15	14 36	3 39	20 45	2 34	12 29	2 40	23 1	0 15	0 51	2 27	15 31	0 45	17 7
S 13	14 25	24 6	0 59	14 54	3 24	20 46	2 30	12 38	2 40	23 1	0 15	0 52	2 27	15 32	0 45	17 7
M14	14 6	20 57	0n22	15 12	3 7	20 46	2 26	12 48	2 40	23 0	0 15	0 54	2 27	15 32	0 45	17 6
T 15	13 48	16 23	1 42	15 28	2 51	20 46	2 23	12 57	2 40	23 0	0 15	0 55	2 27	15 33	0 45	17 6
W16	13 29	10 50	2 55	15 43	2 34	20 46	2 19	13 7	2 40	22 59	0 15	0 56	2 28	15 34	0 45	17 5
T 17	13 9	4 43	3 55	15 56	2 16	20 45	2 15	13 16	2 40	22 59	0 15	0 58	2 28	15 35	0 45	17 4
F 18	12 50	1n30	4 38	16 8	1 59	20 43	2 11	13 25	2 40	22 58	0 15	0 59	2 28	15 35	0 45	17 4
S 19	12 30	7 29	5 4	16 17	1 41	20 41	2 7	13 34	2 40	22 57	0 15	1 1	2 28	15 36	0 45	17 3
S 20	12 11	12 54	5 11	16 25	1 24	20 39	2 3	13 42	2 39	22 57	0 15	1 2	2 28	15 37	0 45	17 3
M21	11 51	17 33	5 1	16 29	1 7	20 36	1 59	13 51	2 39	22 56	0 15	1 4	2 29	15 38	0 45	17 2
T 22	11 30	21 15	4 37	16 32	0 51	20 32	1 55	13 59	2 39	22 56	0 15	1 5	2 29	15 38	0 45	17 1
W23	11 10	23 51	3 59	16 31	0 34	20 28	1 51	14 7	2 38	22 55	0 14	1 7	2 29	15 39	0 45	17 1
T 24	10 50	25 18	3 12	16 28	0 19	20 24	1 47	14 16	2 38	22 54	0 14	1 8	2 29	15 40	0 45	17 0
F 25	10 29	25 33	2 18	16 22	0 4	20 19	1 43	14 24	2 38	22 54	0 14	1 10	2 29	15 40	0 45	17 0
S 26	10 8	24 37	1 17	16 13	0n10	20 13	1 39	14 31	2 37	22 53	0 14	1 12	2 30	15 41	0 45	16 59
S 27	9 47	22 36	0 14	16 1	0 23	20 7	1 34	14 39	2 37	22 52	0 14	1 13	2 30	15 42	0 45	16 58
M28	9 26	19 37	0s50	15 46	0 35	20 1	1 30	14 46	2 37	22 52	0 14	1 15	2 30	15 43	0 44	16 58
T 29	9 4	15 47	1 52	15 28	0 47	19 53	1 26	14 54	2 36	22 51	0 14	1 17	2 30	15 43	0 44	16 57
W30	8 43	11 18	2 49	15 7	0 57	19 46	1 22	15 1	2 36	22 51	0 14	1 18	2 30	15 44	0 44	16 57
T 31	8n21	6n18	3s40	14n43	1n 6	19n38	1s18	15n 8	2s35	22n50	0s14	1s20	2s30	15s45	0s44	16n56

Julian Day Number = 2482438.5, Delta T = 86.52 sec
Ecliptic obliquity = 23°25'45, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°55'19, Lahiri = 25°02'20

ASTRODIENST EPHEMERIS for the year 2084

geocentric

SEPTEMBER 2084

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 44 28	9 ^h 32'22"	17 ^h 20'	25 ^h 15'	27 ^h 20'	19 ^h 59'	10 ^h 3	2°R21	19°R13	12 ^h 51	19°R 6	19°R 5	17 ^h 29	18 ^h 27	4 ^h 51	F 1
S 2	22 48 25	10°30'27"	0 ^h 0'	27° 2	28°27'	20°23'	10°12'	2°V17	19 ^h 11	12°53	19°V 5	18 ^h 56	17°26	18°33	4°51	S 2
S 3	22 52 21	11°28'33"	12°54'	28°51'	29°35'	20°46'	10°22'	2°13	19° 9	12°55	19° 4	18°47	17°23	18°40	4°52	S 3
M 4	22 56 18	12°26'40"	25°59'	0 ^h 42	0 ^h 42	21° 8	10°32'	2° 9	19° 7	12°57	19° 3	18°38	17°19	18°47	4°52	M 4
T 5	23 0 14	13°24'50"	9 ^h 18'	2°35'	1°50'	21°30'	10°41'	2° 5	19° 5	12°59	19° 2	18°32	17°16	18°53	4°52	T 5
W 6	23 4 11	14°23'00"	22°48'	4°28'	2°58'	21°51'	10°50'	2° 0	19° 3	13° 1	19° 1	18°28	17°13	19° 0	4°52	W 6
T 7	23 8 7	15°21'12"	6 ^h 31'	6°23'	4° 7	22°12'	11° 0	1°56	19° 1	13° 3	19° 0	18°26	17°10	19° 7	4°53	T 7
F 8	23 12 4	16°19'26"	20°27'	8°19'	5°15'	22°32'	11° 9	1°52	18°59	13° 5	18°59	18°D25	17° 7	19°13	4°53	F 8
S 9	23 16 0	17°17'41"	4 ^h 34'	10°14'	6°24'	22°52'	11°18'	1°47	18°57	13° 7	18°58	18°26	17° 3	19°20	4°R53	S 9
S 10	23 19 57	18°15'58"	18°54'	12°10'	7°32'	23°11'	11°27'	1°43	18°55	13° 9	18°57	18°R26	17° 0	19°26	4°53	S 10
M11	23 23 54	19°14'16"	3 ^h 22'	14° 5	8°41'	23°29'	11°35'	1°38	18°53	13°11	18°56	18°26	16°57	19°33	4°53	M11
T 12	23 27 50	20°12'35"	17°56'	16° 0	9°50'	23°47'	11°44'	1°34	18°51	13°13	18°55	18°22	16°54	19°40	4°52	T 12
W13	23 31 47	21°10'56"	2 ^h 31'	17°54'	10°59'	24° 4	11°52'	1°29	18°49	13°15	18°54	18°17	16°51	19°46	4°52	W13
T 14	23 35 43	22° 9'19"	16°59'	19°48'	12° 9	24°20'	12° 1	1°25	18°47	13°16	18°53	18° 9	16°48	19°53	4°52	T 14
F 15	23 39 40	23° 7'43"	1°V15	21°41'	13°18'	24°36'	12° 9	1°20	18°45	13°18	18°52	17°59	16°44	20° 0	4°52	F 15
S 16	23 43 36	24° 6'10"	15°13'	23°33'	14°28'	24°52'	12°17'	1°16	18°43	13°20	18°51	17°48	16°41	20° 6	4°51	S 16
S 17	23 47 33	25° 4'38"	28°49'	25°25'	15°37'	25° 6	12°25'	1°11	18°41	13°22	18°50	17°38	16°38	20°13	4°51	S 17
M18	23 51 29	26° 3'09"	12 ^h 0'	27°15'	16°47'	25°20'	12°33'	1° 6	18°40	13°24	18°49	17°29	16°35	20°20	4°50	M18
T 19	23 55 26	27° 1'42"	24°48'	29° 4	17°57'	25°33'	12°41'	1° 2	18°38	13°25	18°48	17°23	16°32	20°26	4°50	T 19
W20	23 59 22	28° 0'16"	7 ^h 11'	0 ^h 53	19° 7	25°46'	12°48'	0°57	18°36	13°27	18°47	17°19	16°29	20°33	4°49	W20
T 21	0 3 19	28°58'54"	19°23'	2°40'	20°17'	25°57'	12°56'	0°52	18°35	13°29	18°46	17°17	16°25	20°40	4°48	T 21
F 22	0 7 16	29°57'33"	1 ^h 19'	4°27'	21°28'	26° 8	13° 3	0°48	18°33	13°30	18°45	17°D16	16°22	20°46	4°47	F 22
S 23	0 11 12	0 ^h 56'14"	13° 8	6°12'	22°38'	26°18'	13°10'	0°43	18°31	13°32	18°44	17°R16	16°19	20°53	4°46	S 23
S 24	0 15 9	1°54'58"	24°56'	7°57'	23°49'	26°28'	13°17'	0°39	18°30	13°34	18°43	17°16	16°16	21° 0	4°46	S 24
M25	0 19 5	2°53'44"	6 ^h 14'	9°40'	24°59'	26°36'	13°24'	0°34	18°28	13°35	18°42	17°15	16°13	21° 6	4°45	M25
T 26	0 23 2	3°52'32"	18°47'	11°23'	26°10'	26°44'	13°31'	0°29	18°27	13°37	18°41	17°11	16° 9	21°13	4°44	T 26
W27	0 26 58	4°51'22"	0 ^h 59'	13° 5	27°21'	26°51'	13°37'	0°25	18°25	13°38	18°39	17° 4	16° 6	21°19	4°42	W27
T 28	0 30 55	5°50'15"	13°26'	14°45'	28°32'	26°57'	13°44'	0°20	18°24	13°40	18°38	16°55	16° 3	21°26	4°41	T 28
F 29	0 34 51	6°49'09"	26°10'	16°25'	29°43'	27° 3	13°50'	0°15	18°23	13°41	18°37	16°43	16° 0	21°33	4°40	F 29
S 30	0 38 48	7 ^h 48'05"	9 ^h 10'	18 ^h 4	0 ^h 54	27 ^h 7	13 ^h 56	0°V11	18 ^h 21	13 ^h 43	18°V36	16 ^h 31	15 ^h 57	21 ^h 39	4 ^h 39	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	7n59	1n 0	4s21	14n16	1n15	19n29	1s14	15n15	2s35	22n49	0s14	1s22	2s31	15s45	0s44	16n56	0s 1
S 2	7 37	4s26	4 50	13 47	1 22	19 20	1 10	15 21	2 34	22 49	0 14	1 24	2 31	15 46	0 44	16 55	0 1
S 3	7 15	9 46	5 4	13 15	1 29	19 10	1 6	15 28	2 34	22 48	0 14	1 25	2 31	15 47	0 44	16 54	0 1
M 4	6 53	14 45	5 4	12 41	1 34	18 59	1 1	15 34	2 33	22 47	0 14	1 27	2 31	15 47	0 44	16 54	0 1
T 5	6 31	19 6	4 46	12 5	1 39	18 49	0 57	15 41	2 32	22 46	0 14	1 29	2 31	15 48	0 44	16 53	0 1
W 6	6 9	22 33	4 13	11 27	1 42	18 37	0 53	15 47	2 32	22 46	0 13	1 31	2 31	15 49	0 44	16 53	0 1
T 7	5 56	24 45	3 25	10 47	1 45	18 25	0 49	15 53	2 31	22 45	0 13	1 33	2 31	15 49	0 44	16 52	0 1
F 8	5 24	25 29	2 24	10 6	1 47	18 13	0 45	15 58	2 30	22 44	0 13	1 35	2 31	15 50	0 44	16 52	0 1
S 9	5 1	24 35	1 14	9 23	1 48	18 0	0 41	16 4	2 29	22 44	0 13	1 36	2 32	15 50	0 44	16 51	0 1
S 10	4 38	22 3	0n 2	8 39	1 48	17 47	0 37	16 10	2 29	22 43	0 13	1 38	2 32	15 51	0 44	16 51	0 1
M11	4 15	18 7	1 19	7 55	1 47	17 33	0 33	16 15	2 28	22 42	0 13	1 40	2 32	15 52	0 44	16 50	0 1
T 12	3 53	13 3	2 31	7 9	1 46	17 19	0 29	16 20	2 27	22 42	0 13	1 42	2 32	15 52	0 44	16 50	0 1
W13	3 30	7 16	3 32	6 23	1 45	17 4	0 25	16 25	2 26	22 41	0 13	1 44	2 32	15 53	0 44	16 49	0 1
T 14	3 7	1 9	4 20	5 36	1 42	16 48	0 21	16 30	2 25	22 40	0 13	1 46	2 32	15 53	0 44	16 49	0 1
F 15	2 44	4n56	4 51	4 49	1 39	16 33	0 17	16 35	2 24	22 40	0 13	1 48	2 32	15 54	0 44	16 48	0 1
S 16	2 20	10 39	5 3	4 2	1 36	16 16	0 14	16 40	2 23	22 39	0 13	1 50	2 32	15 55	0 44	16 48	0 1
S 17	1 57	15 41	4 57	3 14	1 32	15 59	0 10	16 44	2 22	22 38	0 13	1 51	2 32	15 55	0 44	16 47	0 1
M18	1 34	19 48	4 36	2 27	1 28	15 42	0 6	16 49	2 21	22 38	0 13	1 53	2 32	15 56	0 44	16 47	0 1
T 19	1 11	22 52	4 2	1 39	1 24	15 25	0 2	16 53	2 20	22 37	0 12	1 55	2 32	15 56	0 44	16 46	0 1
W20	0 48	24 44	3 16	0 51	1 19	15 6	0n 1	16 57	2 18	22 36	0 12	1 57	2 32	15 57	0 44	16 46	0 1
T 21	0 24	25 23	2 23	0 4	1 14	14 48	0 5	17 1	2 17	22 36	0 12	1 59	2 32	15 57	0 44	16 45	0 1
F 22	0 1	24 49	1 24	0s43	1 8	14 29	0 9	17 5	2 16	22 35	0 12	2 1	2 33	15 58	0 44	16 45	0 1
S 23	0s22	23 9	0 22	1 30	1 3	14 9	0 12	17 8	2 15	22 35	0 12	2 3	2 33	15 58	0 44	16 44	0 1
S 24	0 46	20 28	0s41	2 17	0 57	13 49	0 16	17 12	2 13	22 34	0 12	2 5	2 33	15 58	0 44	16 44	0 1
M25	1 9	16 56	1 42	3 3	0 51	13 29	0 19	17 15	2 12	22 33	0 12	2 7	2 33	15 59	0 44	16 43	0 1
T 26	1 32	12 40	2 39	3 49	0 44	13 8	0 22	17 18	2 10	22 33	0 12	2 8	2 33	15 59	0 44	16 43	0 1
W27	1 56	7 51	3 30	4 35	0 38	12 47	0 26	17 21	2 9	22 32	0 12	2 10	2 33	16 0	0 44	16 42	0 1
T 28	2 19	2 38	4 11	5 20	0 31	12 26	0 29	17 24	2 7	22 32	0 12	2 12	2 33	16 0	0 44	16 42	0 1
F 29	2 42	2s47	4 42	6 5	0 24	12 4	0 32	17 27	2 5	22 31	0 12	2 14	2 33	16 1	0 44	16 42	0 1
S 30	3s 6	8s12	4s58	6s49	0n18	11n42	0n35	17n30	2s 4	22n30	0s12	2s16	2s33	16s 1	0s44	16n41	0s 1

Julian Day Number = 2482469.5, Delta T = 86.55 sec

Ecliptic obliquity = 23°25'45", Nutation = 0°00'17", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 25°55'24", Lahiri = 25°02'24"

ASTRODIENST EPHEMERIS for the year 2084

geocentric

OCTOBER 2084

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 42 45	8♌47'04	22♌26	19♌42	2♐6	27♏11	14♍2	0°R 6	18°R20	13♌44	18°R35	16°R18	15♌54	21♌46	4°R37	S 1
M 2	0 46 41	9°46'04	5♌56	21°19	3°17	27°13	14° 8	0°Y 1	18°R19	13°46	18°Y34	16♌6	15°50	21°53	4♌36	M 2
T 3	0 50 38	10°45'07	19°36	22°55	4°29	27°15	14°13	29°H57	18°18	13°47	18°33	15°56	15°47	21°59	4°34	T 3
W 4	0 54 34	11°44'11	3♌25	24°31	5°40	27°16	14°19	29°52	18°17	13°49	18°32	15°50	15°44	22° 6	4°33	W 4
T 5	0 58 31	12°43'17	17°20	26° 5	6°52	27°R16	14°24	29°48	18°16	13°50	18°30	15°46	15°41	22°13	4°31	T 5
F 6	1 2 27	13°42'25	1♌20	27°39	8° 4	27°15	14°29	29°43	18°15	13°51	18°29	15°44	15°38	22°19	4°30	F 6
S 7	1 6 24	14°41'35	15°23	29°12	9°16	27°14	14°34	29°39	18°14	13°52	18°28	15°44	15°35	22°26	4°28	S 7
S 8	1 10 20	15°40'46	29°31	0♌44	10°28	27°11	14°39	29°35	18°13	13°54	18°27	15°44	15°31	22°33	4°26	S 8
M 9	1 14 17	16°39'59	13♌40	2°16	11°40	27° 8	14°43	29°30	18°12	13°55	18°26	15°42	15°28	22°39	4°24	M 9
T 10	1 18 14	17°39'14	27°51	3°46	12°52	27° 3	14°48	29°26	18°11	13°56	18°25	15°38	15°25	22°46	4°22	T 10
W11	1 22 10	18°38'30	11♌59	5°16	14° 4	26°58	14°52	29°22	18°10	13°57	18°23	15°31	15°22	22°52	4°20	W11
T 12	1 26 7	19°37'48	26° 2	6°45	15°17	26°52	14°56	29°17	18° 9	13°59	18°22	15°22	15°19	22°59	4°18	T 12
F 13	1 30 3	20°37'08	9♌55	8°14	16°29	26°45	15° 0	29°13	18° 8	14° 0	18°21	15°10	15°15	23° 6	4°16	F 13
S 14	1 34 0	21°36'30	23°35	9°41	17°41	26°37	15° 4	29° 9	18° 8	14° 1	18°20	14°58	15°12	23°12	4°14	S 14
S 15	1 37 56	22°35'55	6♌57	11° 8	18°54	26°29	15° 7	29° 5	18° 7	14° 2	18°19	14°45	15° 9	23°19	4°12	S 15
M16	1 41 53	23°35'21	19°59	12°34	20° 7	26°19	15°10	29° 1	18° 7	14° 3	18°18	14°34	15° 6	23°26	4°10	M16
T 17	1 45 49	24°34'50	2♌41	13°59	21°19	26° 8	15°14	28°57	18° 6	14° 4	18°16	14°26	15° 3	23°32	4° 8	T 17
W18	1 49 46	25°34'20	15° 5	15°23	22°32	25°57	15°16	28°53	18° 6	14° 5	18°15	14°20	15° 0	23°39	4° 5	W18
T 19	1 53 43	26°33'53	27°13	16°47	23°45	25°45	15°19	28°49	18° 5	14° 6	18°14	14°17	14°56	23°46	4° 3	T 19
F 20	1 57 39	27°33'29	9♌9	18° 9	24°58	25°32	15°22	28°46	18° 5	14° 7	18°13	14°D15	14°53	23°52	4° 1	F 20
S 21	2 1 36	28°33'06	20°58	19°31	26°11	25°19	15°24	28°42	18° 4	14° 8	18°12	14°15	14°50	23°59	3°58	S 21
S 22	2 5 32	29°32'46	2♌46	20°51	27°24	25° 4	15°26	28°38	18° 4	14° 8	18°11	14°R16	14°47	24° 6	3°56	S 22
M23	2 9 29	0♌32'28	14°38	22°11	28°38	24°49	15°28	28°35	18° 4	14° 9	18°10	14°15	14°44	24°12	3°53	M23
T 24	2 13 25	1°32'12	26°40	23°29	29°51	24°33	15°30	28°31	18° 4	14°10	18° 9	14°12	14°40	24°19	3°51	T 24
W25	2 17 22	2°31'59	8♌56	24°46	1♌4	24°16	15°32	28°28	18° 4	14°11	18° 7	14° 7	14°37	24°26	3°48	W25
T 26	2 21 18	3°31'47	21°30	26° 2	2°18	23°59	15°33	28°24	18° 4	14°11	18° 6	13°59	14°34	24°32	3°45	T 26
F 27	2 25 15	4°31'38	4♌25	27°16	3°31	23°41	15°35	28°21	18°D 3	14°12	18° 5	13°49	14°31	24°39	3°43	F 27
S 28	2 29 12	5°31'31	17°41	28°28	4°45	23°23	15°36	28°18	18° 4	14°13	18° 4	13°37	14°28	24°45	3°40	S 28
S 29	2 33 8	6°31'25	1♌17	29°39	5°58	23° 4	15°36	28°14	18° 4	14°13	18° 3	13°26	14°25	24°52	3°37	S 29
M30	2 37 5	7°31'22	15°11	0♌48	7°12	22°45	15°37	28°11	18° 4	14°14	18° 2	13°15	14°21	24°59	3°34	M30
T 31	2 41 1	8♌31'21	29♌18	1♌55	8♌26	22♌25	15°37	28°H 8	18°R 4	14°R14	18°Y 1	13♌6	14♌18	25♌5	3♌32	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	3s29	13s21	4s59	7s32	0n11	11n19	0n38	17n32	2s 2	22n30	0s12	2s18	2s33	16s 1	0s44	16n41
M 2	3 52	17 56	4 43	8 15	0 4	10 56	0 41	17 35	2 0	22 29	0 11	2 19	2 33	16 2	0 44	16 40
T 3	4 15	21 39	4 11	8 58	0s 3	10 33	0 44	17 37	1 58	22 29	0 11	2 21	2 33	16 2	0 44	16 40
W 4	4 38	24 10	3 24	9 39	0 10	10 10	0 47	17 39	1 56	22 28	0 11	2 23	2 33	16 2	0 44	16 40
T 5	5 1	25 13	2 24	10 20	0 17	9 46	0 50	17 41	1 54	22 28	0 11	2 25	2 33	16 3	0 44	16 39
F 6	5 14	24 41	1 15	11 1	0 25	9 22	0 53	17 43	1 52	22 27	0 11	2 27	2 33	16 3	0 44	16 39
S 7	5 47	22 34	0 2	11 41	0 32	8 57	0 56	17 44	1 50	22 27	0 11	2 28	2 32	16 3	0 44	16 38
S 8	6 10	19 4	1n12	12 20	0 39	8 32	0 58	17 46	1 48	22 27	0 11	2 30	2 32	16 3	0 44	16 38
M 9	6 33	14 27	2 22	12 58	0 46	8 7	1 1	17 47	1 46	22 26	0 11	2 32	2 32	16 4	0 44	16 38
T 10	6 56	9 2	3 23	13 36	0 53	7 42	1 3	17 49	1 44	22 26	0 11	2 33	2 32	16 4	0 44	16 37
W11	7 18	3 11	4 11	14 13	1 0	7 17	1 6	17 50	1 41	22 25	0 11	2 35	2 32	16 4	0 44	16 37
T 12	7 41	2n46	4 44	14 49	1 7	6 51	1 8	17 51	1 39	22 25	0 11	2 37	2 32	16 4	0 44	16 37
F 13	8 3	8 31	4 59	15 24	1 14	6 25	1 10	17 51	1 37	22 25	0 11	2 38	2 32	16 5	0 44	16 36
S 14	8 25	13 45	4 57	15 59	1 20	5 59	1 13	17 52	1 34	22 24	0 10	2 40	2 32	16 5	0 44	16 36
S 15	8 47	18 12	4 39	16 33	1 27	5 32	1 15	17 53	1 31	22 24	0 10	2 41	2 32	16 5	0 43	16 36
M16	9 9	21 40	4 6	17 5	1 34	5 5	1 17	17 53	1 29	22 24	0 10	2 43	2 32	16 5	0 43	16 36
T 17	9 31	23 59	3 21	17 37	1 40	4 39	1 19	17 53	1 26	22 23	0 10	2 44	2 32	16 5	0 43	16 35
W18	9 53	25 3	2 28	18 8	1 46	4 12	1 21	17 53	1 23	22 23	0 10	2 46	2 32	16 5	0 43	16 35
T 19	10 15	24 53	1 29	18 38	1 53	3 44	1 22	17 53	1 21	22 23	0 10	2 47	2 32	16 5	0 43	16 35
F 20	10 36	23 34	0 27	19 8	1 58	3 17	1 24	17 53	1 18	22 23	0 10	2 49	2 32	16 6	0 43	16 35
S 21	10 57	21 12	0 23	19 36	2 4	2 50	1 26	17 52	1 15	22 23	0 10	2 50	2 31	16 6	0 43	16 34
S 22	11 18	17 58	1 37	20 3	2 10	2 22	1 27	17 52	1 12	22 22	0 10	2 51	2 31	16 6	0 43	16 34
M23	11 39	13 59	2 34	20 29	2 15	1 54	1 29	17 51	1 9	22 22	0 10	2 53	2 31	16 6	0 43	16 34
T 24	12 0	9 24	3 25	20 54	2 20	1 26	1 30	17 50	1 6	22 22	0 10	2 54	2 31	16 6	0 43	16 34
W25	12 21	4 23	4 8	21 18	2 25	0 58	1 32	17 49	1 3	22 22	0 10	2 55	2 31	16 6	0 43	16 33
T 26	12 41	0s55	4 40	21 40	2 29	0 30	1 33	17 48	1 0	22 22	0 9	2 56	2 31	16 6	0 43	16 33
F 27	13 1	6 19	4 59	22 2	2 34	0 2	1 34	17 47	0 56	22 22	0 9	2 58	2 31	16 6	0 43	16 33
S 28	13 21	11 35	5 2	22 22	2 37	0s26	1 35	17 45	0 53	22 22	0 9	2 59	2 31	16 6	0 43	16 33
S 29	13 41	16 25	4 48	22 41	2 41	0 54	1 36	17 44	0 50	22 22	0 9	3 0	2 30	16 6	0 43	16 33
M30	14 1	20 29	4 17	22 59	2 44	1 22	1 37	17 42	0 47	22 22	0 9	3 1	2 30	16 6	0 43	16 33
T 31	14s20	23s25	3s31	23s15	2s46	1s50	1n38	17n40	0s43	22n22	0s 9	3s 2	2s30	16s 5	0s43	16n32

Julian Day Number = 2482499.5, Delta T = 86.58 sec
 Ecliptic obliquity = 23°25'45, Nutation = 0°00'16, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 25°55'28, Lahiri = 25°02'28

ASTRODIENST EPHEMERIS for the year 2084

geocentric

NOVEMBER 2084

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 44 58	9♍31'22	13♊33	2♊59	9♎40	22°R 4	15♎38	28°R 6	18♎4	14♎15	18°R 0	13°R 0	14♎15	25♎12	3°R29	W 1
T 2	2 48 54	10°31'24	27°51	4° 1	10°53	21♎44	15°R38	28♎3	18° 4	14°15	17°59	12♎57	14°12	25°19	3♎26	T 2
F 3	2 52 51	11°31'28	12♎8	5° 0	12° 7	21°23	15°38	28° 0	18° 5	14°16	17°58	12°D56	14° 9	25°25	3°23	F 3
S 4	2 56 47	12°31'34	26°21	5°55	13°21	21° 2	15°37	27°57	18° 5	14°16	17°57	12°56	14° 6	25°32	3°20	S 4
S 5	3 0 44	13°31'41	10♎30	6°47	14°35	20°41	15°37	27°55	18° 6	14°17	17°56	12°R57	14° 2	25°39	3°17	S 5
M 6	3 4 41	14°31'49	24°31	7°35	15°49	20°19	15°36	27°52	18° 6	14°17	17°55	12°57	13°59	25°45	3°14	M 6
T 7	3 8 37	15°31'59	8♎26	8°18	17° 3	19°58	15°35	27°50	18° 7	14°17	17°54	12°54	13°56	25°52	3°11	T 7
W 8	3 12 34	16°32'10	22°12	8°56	18°17	19°36	15°34	27°48	18° 7	14°18	17°53	12°50	13°53	25°59	3° 8	W 8
T 9	3 16 30	17°32'23	5♎50	9°29	19°32	19°15	15°32	27°45	18° 8	14°18	17°52	12°43	13°50	26° 5	3° 5	T 9
F 10	3 20 27	18°32'38	19°17	9°55	20°46	18°53	15°31	27°43	18° 8	14°18	17°51	12°34	13°46	26°12	3° 1	F 10
S 11	3 24 23	19°32'54	2♎31	10°14	22° 0	18°32	15°29	27°41	18° 9	14°18	17°50	12°24	13°43	26°19	2°58	S 11
S 12	3 28 20	20°33'11	15°32	10°25	23°14	18°11	15°27	27°40	18°10	14°18	17°49	12°15	13°40	26°25	2°55	S 12
M13	3 32 16	21°33'31	28°18	10°R28	24°29	17°50	15°25	27°38	18°11	14°19	17°48	12° 6	13°37	26°32	2°52	M13
T 14	3 36 13	22°33'52	10♎48	10°22	25°43	17°30	15°23	27°36	18°12	14°19	17°47	12° 0	13°34	26°38	2°49	T 14
W15	3 40 10	23°34'15	23° 4	10° 6	26°58	17° 9	15°20	27°34	18°13	14°19	17°46	11°55	13°31	26°45	2°46	W15
T 16	3 44 6	24°34'40	5♎8	9°41	28°12	16°49	15°17	27°33	18°14	14°R19	17°45	11°53	13°27	26°52	2°42	T 16
F 17	3 48 3	25°35'06	17° 3	9° 4	29°27	16°30	15°14	27°32	18°15	14°19	17°44	11°D53	13°24	26°58	2°39	F 17
S 18	3 51 59	26°35'35	28°51	8°18	0♎41	16°11	15°11	27°30	18°16	14°19	17°43	11°54	13°21	27° 5	2°36	S 18
S 19	3 55 56	27°36'05	10♎38	7°22	1°56	15°52	15° 8	27°29	18°17	14°18	17°42	11°56	13°18	27°12	2°33	S 19
M20	3 59 52	28°36'37	22°30	6°16	3°10	15°34	15° 4	27°28	18°18	14°18	17°42	11°57	13°15	27°18	2°29	M20
T 21	4 3 49	29°37'10	4♎30	5° 4	4°25	15°16	15° 1	27°27	18°19	14°18	17°41	11°R57	13°12	27°25	2°26	T 21
W22	4 7 45	0♎37'45	16°45	3°46	5°40	14°59	14°57	27°26	18°21	14°18	17°40	11°56	13° 8	27°32	2°23	W22
T 23	4 11 42	1°38'22	29°19	2°24	6°54	14°43	14°53	27°25	18°22	14°18	17°39	11°52	13° 5	27°38	2°20	T 23
F 24	4 15 39	2°39'01	12♎15	1° 3	8° 9	14°27	14°48	27°25	18°23	14°17	17°38	11°47	13° 2	27°45	2°16	F 24
S 25	4 19 35	3°39'41	25°37	29♎43	9°24	14°12	14°44	27°24	18°25	14°17	17°38	11°41	12°59	27°52	2°13	S 25
S 26	4 23 32	4°40'23	9♎23	28°29	10°39	13°58	14°39	27°24	18°26	14°17	17°37	11°35	12°56	27°58	2°10	S 26
M27	4 27 28	5°41'07	23°33	27°21	11°54	13°44	14°35	27°23	18°28	14°16	17°36	11°29	12°52	28° 5	2° 6	M27
T 28	4 31 25	6°41'52	8♎1	26°23	13° 8	13°32	14°30	27°23	18°29	14°16	17°35	11°24	12°49	28°12	2° 3	T 28
W29	4 35 21	7°42'38	22°41	25°35	14°23	13°19	14°24	27°23	18°31	14°16	17°35	11°21	12°46	28°18	2° 0	W29
T 30	4 39 18	8♎43'25	7♎26	24♎59	15♎38	13♎8	14♎19	27°D23	18♎33	14♎15	17°34	11°D20	12♎43	28♎25	1♎57	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	14s39	24s54	2s30	23s30	2s49	2s19	1n39	17n38	0s40	22n22	0s 9	3s 3	2s30	16s 5	0s43	16n32	0s 1	9s 5	17s27	22s48	22s40	20n 7	17n 3	3s52			
T 2	14 58	24 44	1 20	23 44	2 50	2 47	1 39	17 36	0 37	22 22	0 9	3 4	2 30	16 5	0 43	16 32	0 1	9 5	17 27	22 48	22 40	20 5	17 2	3 52			
F 3	15 17	22 57	0 4	23 55	2 51	3 15	1 40	17 34	0 33	22 22	0 9	3 5	2 30	16 5	0 43	16 32	0 1	9 6	17 26	22 48	22 41	20 3	17 1	3 52			
S 4	15 35	19 42	1n11	24 6	2 51	3 44	1 40	17 32	0 30	22 22	0 9	3 6	2 29	16 5	0 43	16 32	0 1	9 6	17 26	22 48	22 41	20 1	17 1	3 52			
S 5	15 54	15 19	2 22	24 14	2 51	4 12	1 41	17 29	0 26	22 23	0 8	3 7	2 29	16 5	0 43	16 32	0 1	9 6	17 26	22 48	22 41	19 59	17 0	3 53			
M 6	16 11	10 8	3 24	24 21	2 50	4 40	1 41	17 27	0 23	22 23	0 8	3 8	2 29	16 5	0 43	16 32	0 1	9 6	17 26	22 48	22 42	19 57	16 59	3 53			
T 7	16 29	4 30	4 13	24 26	2 47	5 8	1 42	17 25	0 20	22 23	0 8	3 8	2 29	16 4	0 43	16 32	0 1	9 6	17 26	22 48	22 42	19 55	16 58	3 53			
W 8	16 46	1n18	4 46	24 29	2 44	5 36	1 42	17 22	0 16	22 23	0 8	3 9	2 29	16 4	0 43	16 32	0 1	9 7	17 26	22 49	22 42	19 53	16 58	3 53			
T 9	17 3	6 57	5 4	24 30	2 40	6 4	1 42	17 20	0 13	22 24	0 8	3 10	2 29	16 4	0 43	16 31	0 1	9 7	17 25	22 49	22 43	19 51	16 57	3 53			
F 10	17 20	12 13	5 4	24 29	2 35	6 32	1 42	17 17	0 9	22 24	0 8	3 10	2 28	16 4	0 43	16 31	0 1	9 7	17 25	22 50	22 43	19 49	16 56	3 53			
S 11	17 37	16 50	4 47	24 26	2 29	6 59	1 42	17 14	0 6	22 24	0 8	3 11	2 28	16 3	0 43	16 31	0 1	9 7	17 25	22 51	22 43	19 47	16 55	3 54			
S 12	17 53	20 34	4 16	24 20	2 21	7 27	1 42	17 12	0 3	22 24	0 8	3 12	2 28	16 3	0 43	16 31	0 1	9 7	17 25	22 52	22 44	19 45	16 55	3 54			
M13	18 9	23 14	3 33	24 11	2 12	7 54	1 42	17 9	0n 1	22 25	0 8	3 12	2 28	16 3	0 43	16 31	0 1	9 8	17 25	22 53	22 44	19 42	16 54	3 54			
T 14	18 24	24 41	2 40	24 0	2 1	8 22	1 41	17 7	0 4	22 25	0 7	3 13	2 28	16 3	0 43	16 31	0 1	9 8	17 24	22 53	22 44	19 40	16 53	3 54			
W15	18 39	24 55	1 40	23 45	1 49	8 49	1 41	17 4	0 7	22 26	0 7	3 13	2 27	16 2	0 42	16 31	0 1	9 8	17 24	22 54	22 45	19 38	16 52	3 54			
T 16	18 54	23 56	0 36	23 28	1 35	9 16	1 41	17 1	0 11	22 26	0 7	3 14	2 27	16 2	0 42	16 31	0 1	9 8	17 24	22 54	22 45	19 36	16 52	3 54			
F 17	19 9	21 53	0s28	23 7	1 20	9 43	1 40	16 59	0 14	22 26	0 7	3 14	2 27	16 2	0 42	16 31	0 0	9 8	17 24	22 54	22 45	19 34	16 51	3 54			
S 18	19 23	18 54	1 31	22 43	1 3	10 9	1 40	16 56	0 17	22 27	0 7	3 14	2 27	16 1	0 42	16 31	0 0	9 8	17 24	22 54	22 46	19 32	16 50	3 55			
S 19	19 37	15 10	2 30	22 16	0 45	10 35	1 39	16 54	0 20	22 27	0 7	3 15	2 27	16 1	0 42	16 31	0 0	9 8	17 23	22 54	22 46	19 30	16 49	3 55			
M20	19 50	10 49	3 22	21 46	0 26	11 2	1 38	16 52	0 23	22 28	0 7	3 15	2 26	16 0	0 42	16 31	0 0	9 8	17 23	22 53	22 46	19 28	16 49	3 55			
T 21	20 4	6 1	4 7	21 13	0 5	11 27	1 37	16 49	0 26	22 28	0 7	3 15	2 26	16 0	0 42	16 31	0 0	9 8	17 23	22 53	22 47	19 25	16 48	3 55			
W22	20 16	0 54	4 42	20 39	0n15	11 53	1 37	16 47	0 29	22 29	0 7	3 15	2 26	16 0	0 42	16 32	0 0	9 8	17 23	22 54	22 47	19 23	16 47	3 55			
T 23	20 29	4s22	5 3	20 3	0 36	12 18	1 36	16 45	0 32	22 30	0 6	3 15	2 26	15 59	0 42	16 32	0 0	9 8	17 22	22 54	22 47	19 21	16 46	3 55			
F 24	20 41	9 36	5 11	19 27	0 56	12 44	1 35	16 43	0 35	22 30	0 6	3 15	2 26	15 59	0 42	16 32	0 0	9 9	17 22	22 54	22 47	19 19	16 46	3 55			
S 25	20 53	14 35	5 2	18 52	1 14	13 8	1 34	16 42	0 38	22 31	0 6	3 15	2 25	15 58	0 42	16 32	0 0	9 9	17 22	22 55	22 48	19 17	16 45	3 55			
S 26	21 4	18 58	4 35	18 19	1 32	13 33	1 32	16 40	0 40	22 31	0 6	3 15	2 25	15 58	0 42	16 32	0 0	9 9	17 21	22 55	22 48	19 15	16 44	3 55			
M27	21 15	22 23	3 52	17 49	1 48	13 57	1 31	16 38	0 43	22 32	0 6	3 15	2 25	15 57	0 42	16 32	0 0	9 9	17 21	22 56	22 48	19 13	16 44	3 55			
T 28	21 25	24 28	2 52	17 22	2 1	14 21	1 30	16 37	0 46	22 33	0 6	3 15	2 25	15 57	0 42	16 32	0 0	9 9	17 21	22 56	22 49	19 10	16 43	3 56			
W29	21 35	24 54	1 40	17 0	2 13	14 44	1 29	16 36	0 48	22 33	0 6	3 15	2 24	15 56	0 42	16 32	0 0	9 9	17 21	22 57	22 49	19 8	16 42	3 56			
T 30	21s45	23s35	0s21	16s42	2n22	15s 7	1n27	16n35	0n51	22n34	0s 6	3s15	2s24	15s56	0s42	16n32	0s 0	9s 9	17s20	22s57	22s49	19n 6	16n41	3s56			

ASTRODIENST EPHEMERIS for the year 2084

geocentric

DECEMBER 2084

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	4 43 14	9°44'14"	22°10'	24°R34	16°M53	12°R58	14°R14	27°H23	18°A34	14°R15	17°R33	11°Z21	12°Z40	28°Z32	1°R53	F 1
S 2	4 47 11	10°45'04"	6°A45	24°M20	18° 8	12°B48	14°B 8	27°23	18°36	14°L14	17°Y33	11°22	12°37	28°38	1°I50	S 2
S 3	4 51 8	11°45'54"	21° 8	24°D18	19°23	12°39	14° 2	27°24	18°38	14°14	17°32	11°23	12°33	28°45	1°47	S 3
M 4	4 55 4	12°46'45"	5°H16	24°26	20°38	12°31	13°56	27°24	18°40	14°13	17°32	11°24	12°30	28°51	1°44	M 4
T 5	4 59 1	13°47'37"	19° 8	24°43	21°53	12°24	13°50	27°24	18°42	14°12	17°31	11°R25	12°27	28°58	1°40	T 5
W 6	5 2 57	14°48'29"	2°Y43	25°10	23° 8	12°17	13°44	27°25	18°43	14°12	17°30	11°23	12°24	29° 5	1°37	W 6
T 7	5 6 54	15°49'23"	16° 4	25°44	24°23	12°12	13°38	27°26	18°45	14°11	17°30	11°21	12°21	29°11	1°34	T 7
F 8	5 10 50	16°50'17"	29° 9	26°25	25°38	12° 7	13°31	27°27	18°47	14°10	17°29	11°17	12°18	29°18	1°31	F 8
S 9	5 14 47	17°51'12"	12°B 1	27°13	26°53	12° 3	13°25	27°28	18°49	14°10	17°29	11°14	12°14	29°25	1°28	S 9
S 10	5 18 43	18°52'08"	24°39	28° 6	28° 9	12° 0	13°18	27°29	18°52	14° 9	17°28	11°10	12°11	29°31	1°25	S 10
M 11	5 22 40	19°53'04"	7°II 6	29° 4	29°24	11°58	13°11	27°30	18°54	14° 8	17°28	11° 6	12° 8	29°38	1°22	M 11
T 12	5 26 37	20°54'02"	19°21	0°A 6	0°A39	11°57	13° 4	27°31	18°56	14° 7	17°28	11° 4	12° 5	29°45	1°19	T 12
W 13	5 30 33	21°55'00"	1°B27	1°12	1°54	11°D56	12°57	27°33	18°58	14° 6	17°27	11° 3	12° 2	29°51	1°16	W 13
T 14	5 34 30	22°56'00"	13°24	2°21	3° 9	11°56	12°50	27°34	19° 0	14° 5	17°27	11°D 2	11°58	29°58	1°13	T 14
F 15	5 38 26	23°57'00"	25°15	3°33	4°24	11°57	12°43	27°36	19° 3	14° 4	17°26	11° 3	11°55	0°L 5	1°10	F 15
S 16	5 42 23	24°58'00"	7°L 3	4°47	5°40	11°59	12°35	27°37	19° 5	14° 3	17°26	11° 4	11°52	0°11	1° 7	S 16
S 17	5 46 19	25°59'02"	18°51	6° 4	6°55	12° 1	12°28	27°39	19° 7	14° 2	17°26	11° 6	11°49	0°18	1° 4	S 17
M 18	5 50 16	27° 0'05"	0°M42	7°22	8°10	12° 4	12°20	27°41	19°10	14° 1	17°25	11° 7	11°46	0°25	1° 1	M 18
T 19	5 54 13	28° 1'08"	12°41	8°42	9°25	12° 8	12°13	27°43	19°12	14° 0	17°25	11° 8	11°43	0°31	0°58	T 19
W 20	5 58 9	29° 2'13"	24°53	10° 3	10°40	12°13	12° 5	27°45	19°15	13°59	17°25	11°R 9	11°39	0°38	0°55	W 20
T 21	6 2 6	0°Z 3	7°A23	11°26	11°56	12°18	11°57	27°47	19°17	13°58	17°25	11° 9	11°36	0°45	0°52	T 21
F 22	6 6 2	1° 4'24"	20°13	12°50	13°11	12°24	11°49	27°50	19°20	13°57	17°24	11° 8	11°33	0°51	0°50	F 22
S 23	6 9 59	2° 5'30"	3°M29	14°14	14°26	12°31	11°41	27°52	19°22	13°56	17°24	11° 7	11°30	0°58	0°47	S 23
S 24	6 13 55	3° 6'38"	17°12	15°40	15°42	12°39	11°33	27°55	19°25	13°55	17°24	11° 6	11°27	1° 5	0°44	S 24
M 25	6 17 52	4° 7'46"	1°A22	17° 6	16°57	12°47	11°25	27°57	19°28	13°54	17°24	11° 5	11°24	1°11	0°42	M 25
T 26	6 21 48	5° 8'55"	15°57	18°33	18°12	12°56	11°17	28° 0	19°30	13°52	17°24	11° 4	11°20	1°18	0°39	T 26
W 27	6 25 45	6°10'04"	0°Z50	20° 0	19°27	13° 5	11° 9	28° 3	19°33	13°51	17°24	11° 4	11°17	1°24	0°37	W 27
T 28	6 29 42	7°11'14"	15°54	21°28	20°43	13°16	11° 1	28° 6	19°36	13°50	17°24	11°D 4	11°14	1°31	0°34	T 28
F 29	6 33 38	8°12'24"	1°A 1	22°57	21°58	13°26	10°53	28° 9	19°39	13°49	17°24	11° 4	11°11	1°38	0°32	F 29
S 30	6 37 35	9°13'34"	16° 1	24°26	23°13	13°38	10°45	28°12	19°42	13°47	17°24	11° 4	11° 8	1°44	0°29	S 30
S 31	6 41 31	10°14'44"	0°H47	25°A56	24°A29	13°B50	10°B37	28°H15	19°A44	13°L46	17°D23	11°Z 4	11°Z 4	1°L51	0°I27	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
F 1	21s54	20s38	0n59	16s29	2n29	15s30	1n26	16n34	0n53	22n35	0s 5	3s15	2s24	15s55	0s42	16n33	0s 0	9s 9	17s20	22s57	22s50	19n 4	16n41	3s56	
S 2	22 3	16 24	2 15	16 21	2 34	15 52	1 24	16 33	0 56	22 35	0 5	3 14	2 24	15 55	0 42	16 33	0 0	9 8	17 20	22 57	22 50	19 2	16 40	3 56	
S 3	22 11	11 16	3 21	16 17	2 38	16 14	1 23	16 33	0 58	22 36	0 5	3 14	2 24	15 54	0 42	16 33	0 0	9 8	17 19	22 56	22 50	19 0	16 39	3 56	
M 4	22 19	5 38	4 14	16 18	2 39	16 36	1 21	16 32	1 0	22 37	0 5	3 14	2 23	15 53	0 42	16 33	0 0	9 8	17 19	22 56	22 50	18 57	16 39	3 56	
T 5	22 27	0n10	4 51	16 22	2 39	16 57	1 20	16 32	1 2	22 38	0 5	3 13	2 23	15 53	0 42	16 33	0 0	9 8	17 19	22 56	22 51	18 55	16 38	3 56	
W 6	22 34	5 50	5 11	16 29	2 38	17 17	1 18	16 32	1 4	22 38	0 5	3 13	2 23	15 52	0 42	16 34	0 0	9 8	17 18	22 56	22 51	18 53	16 37	3 56	
T 7	22 40	11 8	5 13	16 40	2 36	17 38	1 16	16 33	1 6	22 39	0 5	3 12	2 23	15 51	0 42	16 34	0 0	9 8	17 18	22 57	22 51	18 51	16 37	3 56	
F 8	22 47	15 50	4 59	16 52	2 33	17 57	1 14	16 33	1 8	22 40	0 5	3 12	2 23	15 51	0 42	16 34	0 0	9 8	17 18	22 57	22 52	18 49	16 36	3 56	
S 9	22 52	19 43	4 30	17 7	2 28	18 17	1 13	16 34	1 10	22 41	0 4	3 11	2 22	15 50	0 42	16 34	0 0	9 8	17 18	22 57	22 52	18 46	16 35	3 56	
S 10	22 58	22 37	3 49	17 24	2 23	18 35	1 11	16 34	1 12	22 42	0 4	3 10	2 22	15 49	0 42	16 34	0 0	9 8	17 17	22 58	22 52	18 44	16 35	3 56	
M11	23 3	24 23	2 57	17 42	2 18	18 54	1 9	16 36	1 14	22 42	0 4	3 10	2 22	15 49	0 42	16 35	0 0	9 8	17 17	22 58	22 53	18 42	16 34	3 56	
T 12	23 7	24 57	1 57	18 1	2 12	19 11	1 7	16 37	1 16	22 43	0 4	3 9	2 22	15 48	0 42	16 35	0 0	9 7	17 17	22 58	22 53	18 40	16 34	3 56	
W13	23 11	24 18	0 53	18 21	2 5	19 29	1 5	16 38	1 17	22 44	0 4	3 8	2 21	15 47	0 42	16 35	0 0	9 7	17 16	22 58	22 53	18 38	16 33	3 56	
T 14	23 14	22 32	0s13	18 41	1 59	19 45	1 3	16 40	1 19	22 45	0 4	3 8	2 21	15 47	0 42	16 35	0 0	9 7	17 16	22 58	22 53	18 35	16 32	3 56	
F 15	23 17	19 48	1 18	19 2	1 52	20 1	1 0	16 41	1 21	22 46	0 4	3 7	2 21	15 46	0 42	16 36	0 0	9 7	17 16	22 58	22 54	18 33	16 32	3 56	
S 16	23 20	16 15	2 19	19 23	1 44	20 17	0 58	16 43	1 22	22 47	0 3	3 6	2 21	15 45	0 42	16 36	0 0	9 7	17 15	22 58	22 54	18 31	16 31	3 56	
S 17	23 22	12 5	3 15	19 43	1 37	20 32	0 56	16 46	1 24	22 47	0 3	3 5	2 21	15 44	0 42	16 36	0 0	9 7	17 15	22 58	22 54	18 29	16 31	3 56	
M18	23 24	7 27	4 2	20 4	1 29	20 46	0 54	16 48	1 25	22 48	0 3	3 4	2 20	15 44	0 42	16 37	0 0	9 6	17 14	22 58	22 54	18 27	16 30	3 56	
T 19	23 25	2 29	4 39	20 24	1 21	21 0	0 52	16 50	1 26	22 49	0 3	3 3	2 20	15 43	0 41	16 37	0 0	9 6	17 14	22 58	22 55	18 24	16 30	3 56	
W20	23 26	2s38	5 5	20 44	1 13	21 13	0 49	16 53	1 28	22 50	0 3	3 2	2 20	15 42	0 41	16 37	0 0	9 6	17 14	22 58	22 55	18 22	16 29	3 56	
T 21	23 26	7 46	5 17	21 4	1 6	21 26	0 47	16 56	1 29	22 51	0 3	3 1	2 20	15 41	0 41	16 38	0 0	9 6	17 13	22 58	22 55	18 20	16 29	3 56	
F 22	23 25	12 44	5 14	21 22	0 58	21 38	0 45	16 59	1 30	22 52	0 3	3 0	2 19	15 40	0 41	16 38	0 0	9 5	17 13	22 58	22 56	18 18	16 28	3 56	
S 23	23 25	17 16	4 54	21 40	0 50	21 49	0 42	17 2	1 31	22 52	0 3	2 59	2 19	15 40	0 41	16 38	0 0	9 5	17 13	22 58	22 56	18 15	16 28	3 56	
S 24	23 24	21 4	4 17	21 58	0 42	22 0	0 40	17 6	1 32	22 53	0 2	2 57	2 19	15 39	0 41	16 39	0 0	9 5	17 12	22 58	22 56	18 13	16 27	3 56	
M25	23 22	23 45	3 23	22 14	0 34	22 10	0 38	17 9	1 34	22 54	0 2	2 56	2 19	15 38	0 41	16 39	0 0	9 5	17 12	22 58	22 56	18 11	16 27	3 56	
T 26	23 20	24 56	2 15	22 30	0 26	22 19	0 35	17 13	1 35	22 55	0 2	2 55	2 19	15 37	0 41	16 39	0 0	9 4	17 12	22 58	22 57	18 9	16 26	3 56	
W27	23 17	24 22	0 57	22 44	0 19	22 28	0 33	17 17	1 36	22 56	0 2	2 54	2 18	15 36	0 41	16 40	0 0	9 4	17 11	22 58	22 57	18 6	16 26	3 56	
T 28	23 14	22 2	0n27	22 58	0 11	22 36	0 30	17 21	1 37	22 57	0 2	2 52	2 18	15 35	0 41	16 40	0 0	9 4	17 11	22 58	22 57	18 4	16 25	3 55	
F 29	23 10	18 9	1 49	23 11	0 4	22 43	0 28	17 25	1 37	22 57	0 2	2 51	2 18	15 34	0 41	16 40	0 0	9 3	17 11	22 58	22 57	18 2	16 25	3 55	
S 30	23 6	13 7	3 3	23 22	0s 4	22 50	0 25	17 29	1 38	22 58	0 2	2 49	2 18	15 33	0 41	16 41	0 0	9 3	17 10	22 58	22 58	18 0	16 24	3 55	
S 31	23s 2	7s24	4n 3	23s33	0s11	22s56	0n23	17n34	1n39	22n59	0s 1	2s48	2s18	15s32	0s41	16n41	0s 0	9s 3	17s10	22s58	22s58	17n57	16n24	3s55	