



Astrodienst Ephemeris Tables for the year 2054

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 2054
geocentric

JANUARY 2054

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	6 43 30	10 ³ 46'20	10 ¹ 10	18 ³ 57	7°R39	16 ² 34	27 ¹ 47	10 ¹ 2	9 ¹ 50	2°R46	12 ¹ 35	9°R24	10 ¹ 37	0 ¹ 44	15 ³ 37	T 1
F 2	6 47 26	11°47'29	23°22	20°35	7 ³ 3	17°17	27°58	10° 7	9°51	2 ¹ 44	12°36	9 ¹ 23	10°33	0°50	15°42	F 2
S 3	6 51 23	12°48'39	6 ¹ 16	22°12	6°28	18° 0	28° 9	10°12	9°51	2°43	12°36	9°20	10°30	0°57	15°48	S 3
S 4	6 55 20	13°49'48	18°53	23°50	5°54	18°43	28°20	10°17	9°52	2°42	12°37	9°15	10°27	1° 4	15°54	S 4
M 5	6 59 16	14°50'59	1 ¹ 19	25°28	5°21	19°27	28°31	10°22	9°53	2°41	12°38	9° 7	10°24	1°11	16° 0	M 5
T 6	7 3 13	15°52'09	13°34	27° 6	4°50	20°10	28°42	10°27	9°53	2°40	12°39	8°58	10°21	1°17	16° 6	T 6
W 7	7 7 9	16°53'19	25°40	28°44	4°20	20°53	28°53	10°33	9°53	2°38	12°40	8°47	10°18	1°24	16°12	W 7
T 8	7 11 6	17°54'29	7 ³ 40	0 ¹ 22	3°52	21°36	29° 4	10°38	9°54	2°37	12°41	8°37	10°14	1°31	16°17	T 8
F 9	7 15 2	18°55'40	19°35	1°59	3°26	22°20	29°15	10°43	9°54	2°36	12°42	8°27	10°11	1°37	16°23	F 9
S 10	7 18 59	19°56'50	1 ¹ 25	3°36	3° 2	23° 3	29°25	10°49	9°54	2°35	12°43	8°19	10° 8	1°44	16°29	S 10
S 11	7 22 55	20°57'59	13°13	5°13	2°41	23°47	29°36	10°55	9°55	2°34	12°45	8°13	10° 5	1°51	16°35	S 11
M 12	7 26 52	21°59'08	25° 1	6°48	2°21	24°30	29°46	11° 0	9°55	2°33	12°46	8°10	10° 2	1°57	16°41	M 12
T 13	7 30 49	23° 0'17	6 ¹ 52	8°23	2° 4	25°14	29°57	11° 6	9°55	2°32	12°47	8°D 9	9°58	2° 4	16°47	T 13
W 14	7 34 45	24° 1'25	18°49	9°56	1°49	25°57	0 ¹ 7	11°12	9°R55	2°31	12°48	8°10	9°55	2°11	16°52	W 14
T 15	7 38 42	25° 2'33	0 ¹ Y55	11°28	1°37	26°41	0°17	11°17	9°55	2°30	12°49	8°11	9°52	2°17	16°58	T 15
F 16	7 42 38	26° 3'40	13°17	12°58	1°27	27°24	0°27	11°23	9°55	2°30	12°50	8°12	9°49	2°24	17° 4	F 16
S 17	7 46 35	27° 4'46	25°58	14°25	1°20	28° 8	0°37	11°29	9°54	2°29	12°51	8°R13	9°46	2°31	17°10	S 17
S 18	7 50 31	28° 5'52	9 ¹ 3	15°50	1°15	28°52	0°47	11°35	9°54	2°28	12°53	8°13	9°43	2°37	17°16	S 18
M 19	7 54 28	29° 6'56	22°35	17°11	1°D13	29°36	0°57	11°41	9°54	2°27	12°54	8°10	9°39	2°44	17°21	M 19
T 20	7 58 24	0 ¹ 8'00	6 ¹ 37	18°28	1°13	0 ¹ 19	1° 6	11°47	9°54	2°26	12°55	8° 6	9°36	2°51	17°27	T 20
W 21	8 2 21	1° 9'03	21° 7	19°40	1°15	1° 3	1°16	11°53	9°53	2°26	12°56	8° 1	9°33	2°57	17°33	W 21
T 22	8 6 18	2°10'06	6 ¹ 1	20°47	1°20	1°47	1°25	12° 0	9°53	2°25	12°58	7°55	9°30	3° 4	17°38	T 22
F 23	8 10 14	3°11'07	21°12	21°48	1°27	2°31	1°34	12° 6	9°52	2°24	12°59	7°50	9°27	3°11	17°44	F 23
S 24	8 14 11	4°12'08	6 ¹ 230	22°42	1°37	3°15	1°44	12°12	9°52	2°24	13° 0	7°46	9°24	3°17	17°50	S 24
S 25	8 18 7	5°13'08	21°44	23°27	1°48	3°59	1°53	12°19	9°51	2°23	13° 2	7°43	9°20	3°24	17°55	S 25
M 26	8 22 4	6°14'07	6 ¹ 45	24° 4	2° 2	4°43	2° 2	12°25	9°51	2°23	13° 3	7°D43	9°17	3°31	18° 1	M 26
T 27	8 26 0	7°15'05	21°24	24°32	2°18	5°27	2°10	12°31	9°50	2°22	13° 4	7°43	9°14	3°37	18° 7	T 27
W 28	8 29 57	8°16'03	5 ¹ 38	24°49	2°36	6°11	2°19	12°38	9°49	2°21	13° 6	7°44	9°11	3°44	18°12	W 28
T 29	8 33 53	9°17'00	19°24	24°R55	2°56	6°55	2°28	12°44	9°48	2°21	13° 7	7°46	9° 8	3°51	18°18	T 29
F 30	8 37 50	10°17'57	2 ¹ 44	24°50	3°18	7°39	2°36	12°51	9°47	2°21	13° 8	7°47	9° 4	3°57	18°23	F 30
S 31	8 41 47	11°18'53	15 ¹ 40	24°34	3 ³ 42	8 ³ 24	2°45	12 ¹ 58	9 ¹ 47	2 ¹ 20	13 ¹ 10	7°R47	9 ¹ 1	4° 4	18 ³ 29	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	decl	lat
T 1	23s 0	1s37	2n37	24s12	2s 8	19s21	3n51	22s59	0s14	18s47	0n53	9s30	1s51	3s14	0n43	19n 3	1s41	19s24	13s39	8n 3	7n35	16s45	16s20	6n13		
F 2	22 54	5 46	3 33	23 59	2 9	19 10	4 5	23 4	0 15	18 50	0 53	9 29	1 50	3 14	0 43	19 3	1 41	19 24	13 39	8 3	7 36	16 45	16 19	6 13		
S 3	22 49	9 34	4 17	23 43	2 9	18 59	4 17	23 9	0 15	18 52	0 54	9 27	1 50	3 15	0 43	19 3	1 41	19 23	13 38	8 4	7 38	16 44	16 19	6 13		
S 4	22 43	12 50	4 47	23 27	2 9	18 49	4 30	23 13	0 16	18 55	0 54	9 25	1 50	3 15	0 43	19 2	1 41	19 22	13 38	8 6	7 39	16 43	16 18	6 13		
M 5	22 36	15 28	5 3	23 9	2 8	18 38	4 41	23 17	0 17	18 57	0 54	9 22	1 50	3 15	0 43	19 2	1 41	19 22	13 38	8 9	7 40	16 42	16 17	6 14		
T 6	22 29	17 23	5 5	22 49	2 7	18 29	4 52	23 21	0 17	18 59	0 54	9 20	1 50	3 15	0 43	19 2	1 41	19 21	13 38	8 12	7 41	16 42	16 17	6 14		
W 7	22 22	18 29	4 53	22 27	2 6	18 20	5 2	23 25	0 18	19 2	0 54	9 18	1 50	3 15	0 43	19 2	1 41	19 21	13 37	8 16	7 42	16 41	16 16	6 14		
T 8	22 14	18 45	4 28	22 5	2 4	18 11	5 11	23 28	0 19	19 4	0 54	9 16	1 50	3 15	0 43	19 2	1 41	19 20	13 37	8 20	7 44	16 40	16 15	6 14		
F 9	22 6	18 11	3 51	21 40	2 1	18 3	5 20	23 32	0 19	19 6	0 54	9 14	1 50	3 15	0 43	19 1	1 41	19 19	13 37	8 24	7 45	16 39	16 14	6 14		
S 10	21 57	16 50	3 5	21 15	1 57	17 56	5 28	23 35	0 20	19 9	0 54	9 12	1 50	3 16	0 43	19 1	1 41	19 19	13 37	8 27	7 46	16 39	16 14	6 14		
S 11	21 48	14 45	2 11	20 48	1 53	17 49	5 35	23 38	0 21	19 11	0 54	9 10	1 50	3 16	0 43	19 1	1 41	19 18	13 36	8 29	7 47	16 38	16 13	6 14		
M 12	21 38	12 4	1 11	20 19	1 49	17 43	5 42	23 40	0 21	19 13	0 54	9 7	1 49	3 16	0 43	19 1	1 41	19 17	13 36	8 30	7 48	16 37	16 12	6 14		
T 13	21 28	8 53	0 7	19 49	1 43	17 37	5 48	23 43	0 22	19 15	0 54	9 5	1 49	3 16	0 43	19 1	1 41	19 17	13 36	8 31	7 50	16 36	16 11	6 14		
W 14	21 18	5 19	0s58	19 19	1 37	17 32	5 53	23 45	0 23	19 17	0 54	9 3	1 49	3 16	0 43	19 1	1 41	19 16	13 36	8 30	7 51	16 35	16 11	6 14		
T 15	21 7	1 29	2 1	18 47	1 30	17 28	5 58	23 47	0 23	19 19	0 54	9 1	1 49	3 16	0 43	19 1	1 41	19 16	13 36	8 30	7 52	16 35	16 10	6 14		
F 16	20 56	2n29	2 59	18 14	1 22	17 24	6 1	23 48	0 24	19 21	0 54	8 58	1 49	3 15	0 43	19 1	1 40	19 15	13 35	8 29	7 53	16 34	16 9	6 14		
S 17	20 44	6 26	3 51	17 41	1 14	17 21	6 5	23 50	0 25	19 23	0 54	8 56	1 49	3 15	0 44	19 0	1 40	19 14	13 35	8 29	7 54	16 33	16 8	6 14		
S 18	20 32	10 12	4 32	17 7	1 4	17 18	6 7	23 51	0 25	19 25	0 54	8 54	1 49	3 15	0 44	19 0	1 40	19 14	13 35	8 29	7 56	16 32	16 7	6 15		
M 19	20 20	13 34	5 0	16 32	0 54	17 16	6 10	23 52	0 26	19 27	0 54	8 51	1 49	3 15	0 44	19 0	1 40	19 13	13 35	8 30	7 57	16 31	16 7	6 15		
T 20	20 7	16 18	5 11	15 58	0 43	17 14	6 11	23 52	0 27	19 29	0 54	8 49	1 49	3 15	0 44	19 0	1 40	19 12	13 35	8 32	7 58	16 31	16 6	6 15		
W 21	19 54	18 5	5 3	15 23	0 30	17 13	6 12	23 53	0 27	19 31	0 54	8 46	1 49	3 15	0 44	19 0	1 40	19 12	13 34	8 34	7 59	16 30	16 5	6 15		
T 22	19 40	18 43	4 35	14 50	0 17	17 13	6 13	23 53	0 28	19 33	0 55	8 44	1 49	3 15	0 44	19 0	1 40	19 11	13 34	8 36	8 0	16 29	16 4	6 15		
F 23	19 26	18 1	3 47	14 17	0 3	17 13	6 13	23 53	0 29	19 35	0 55	8 42	1 49	3 14	0 44	19 0	1 40	19 10	13 34	8 38	8 2	16 28	16 3	6 15		
S 24	19 12	16 1	2 42	13 45	0n12	17 13	6 12	23 53	0 29	19 36	0 55	8 39	1 49	3 14	0 44	19 0	1 40	19 10	13 34	8 39	8 3	16 27	16 2	6 15		
S 25	18 57	12 53	1 26	13 16	0 28	17 13	6 12	23 52	0 30	19 38	0 55	8 37	1 48	3 14	0 44	19 0	1 40	19 9	13 34	8 40	8 4	16 27	16 1	6 16		
M 26	18 42	8 57	0 5	12 48	0 44	17 14	6 10	23 51	0 31	19 40	0 55	8 34	1 48	3 14	0 44	19 0	1 40	19 8	13 34	8 40	8 5	16 26	16 0	6 16		
T 27	18 27	4 33	1n14	12 23	1 1	17 16	6 9	23 50	0 31	19 41	0 55	8 32	1 48	3 13	0 44	19 0	1 40	19 8	13 33	8 40	8 6	16 25	16 0	6 16		
W 28	18 11	0 1	2 27	12 1	1 19	17 17	6 7	23 49	0 32	19 43	0 55	8 29	1 48	3 13	0 44	19 0	1 40	19 7	13 33	8 40	8 7	16 24	15 59	6 16		
T 29	17 55	4s22	3 29	11 42	1 36	17 19	6 5	23 48	0 33	19 45	0 55	8 27	1 48	3 13	0 44	19 0	1 40	19 6	13 33	8 39	8 9	16 23	15 58	6 16		
F 30	17 39	8 23	4 18	11 27	1 54	17 21	6 2	23 46	0 33	19 46	0 55	8 24	1 48	3 12	0 44	19 0	1 40	19 6	13 33	8 39	8 10	16 22	15 57	6 17		
S 31	17s23	11s52	4n51	11s16	2n11	17s23	6n 0	23s44	0s34	19s48	0n55	8s21	1s48	3s12	0n44	19n 0	1s40	19s 5	13s33	8n39	8n11	16s22	15s56	6n17		

ASTRODIENST EPHEMERIS for the year 2054
geocentric

FEBRUARY 2054

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	8 45 43	12♐19'48	28♏16	24°R 7	4♊ 8	9♋ 8	2♌53	13♎ 4	9°R46	2°R20	13♏11	7°R46	8♐58	4♑11	18♒34	S 1
M 2	8 49 40	13°20'43	10♌36	23♐28	4°35	9°52	3° 1	13°11	9♎45	2♐19	13°13	7♐44	8°55	4°17	18°40	M 2
T 3	8 53 36	14°21'36	22°44	22°41	5° 4	10°36	3° 9	13°18	9°43	2°19	13°14	7°41	8°52	4°24	18°45	T 3
W 4	8 57 33	15°22'29	4♋42	21°44	5°34	11°21	3°17	13°25	9°42	2°19	13°15	7°37	8°49	4°31	18°51	W 4
T 5	9 1 29	16°23'21	16°34	20°41	6° 6	12° 5	3°25	13°31	9°41	2°19	13°17	7°33	8°45	4°37	18°56	T 5
F 6	9 5 26	17°24'12	28°24	19°33	6°40	12°50	3°32	13°38	9°40	2°19	13°18	7°30	8°42	4°44	19° 1	F 6
S 7	9 9 22	18°25'02	10♑12	18°21	7°15	13°34	3°40	13°45	9°39	2°18	13°20	7°27	8°39	4°51	19° 7	S 7
S 8	9 13 19	19°25'51	22° 2	17° 9	7°51	14°18	3°47	13°52	9°37	2°18	13°21	7°25	8°36	4°57	19°12	S 8
M 9	9 17 16	20°26'38	3♏55	15°57	8°28	15° 3	3°54	13°59	9°36	2°18	13°23	7°D24	8°33	5° 4	19°17	M 9
T 10	9 21 12	21°27'24	15°53	14°49	9° 7	15°48	4° 1	14° 6	9°35	2°18	13°24	7°24	8°30	5°11	19°22	T 10
W11	9 25 9	22°28'09	27°58	13°45	9°47	16°32	4° 8	14°13	9°33	2°D18	13°26	7°25	8°26	5°17	19°27	W11
T 12	9 29 5	23°28'52	10♏13	12°46	10°28	17°17	4°15	14°20	9°32	2°18	13°27	7°27	8°23	5°24	19°32	T 12
F 13	9 33 2	24°29'33	22°42	11°54	11°10	18° 1	4°21	14°27	9°30	2°18	13°29	7°28	8°20	5°31	19°38	F 13
S 14	9 36 58	25°30'13	5♊26	11° 9	11°53	18°46	4°28	14°34	9°28	2°18	13°30	7°29	8°17	5°37	19°43	S 14
S 15	9 40 55	26°30'51	18°29	10°33	12°37	19°31	4°34	14°41	9°27	2°18	13°32	7°29	8°14	5°44	19°48	S 15
M16	9 44 51	27°31'28	1♐55	10° 4	13°23	20°16	4°40	14°49	9°25	2°18	13°34	7°R30	8°10	5°51	19°53	M16
T 17	9 48 48	28°32'03	15°44	9°42	14° 9	21° 0	4°46	14°56	9°23	2°19	13°35	7°29	8° 7	5°57	19°57	T 17
W18	9 52 45	29°32'36	29°57	9°29	14°56	21°45	4°52	15° 3	9°22	2°19	13°37	7°28	8° 4	6° 4	20° 2	W18
T 19	9 56 41	0♏33'08	14♋32	9°D23	15°44	22°30	4°57	15°10	9°20	2°19	13°38	7°28	8° 1	6°11	20° 7	T 19
F 20	10 0 38	1°33'37	29°25	9°24	16°32	23°15	5° 3	15°17	9°18	2°19	13°40	7°27	7°58	6°17	20°12	F 20
S 21	10 4 34	2°34'05	14♏29	9°32	17°22	24° 0	5° 8	15°25	9°16	2°20	13°41	7°26	7°55	6°24	20°17	S 21
S 22	10 8 31	3°34'31	29°36	9°46	18°12	24°45	5°13	15°32	9°14	2°20	13°43	7°26	7°51	6°31	20°21	S 22
M23	10 12 27	4°34'55	14♐36	10° 6	19° 3	25°29	5°18	15°39	9°12	2°21	13°45	7°D26	7°48	6°37	20°26	M23
T 24	10 16 24	5°35'18	29°21	10°31	19°55	26°14	5°23	15°46	9°10	2°21	13°46	7°26	7°45	6°44	20°31	T 24
W25	10 20 20	6°35'40	13♌45	11° 1	20°47	26°59	5°28	15°54	9° 8	2°21	13°48	7°26	7°42	6°51	20°35	W25
T 26	10 24 17	7°35'59	27°42	11°37	21°40	27°44	5°33	16° 1	9° 6	2°22	13°49	7°R26	7°39	6°57	20°40	T 26
F 27	10 28 14	8°36'18	11♏13	12°16	22°34	28°30	5°37	16° 8	9° 4	2°22	13°51	7°26	7°35	7° 4	20°44	F 27
S 28	10 32 10	9♏36'35	24♏18	13♐ 0	23♒29	29♒15	5♌41	16♏16	9♎ 2	2♐23	13♏53	7♐26	7♐32	7♑11	20♒48	S 28

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉	♊	♋	♌	
	decl	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
S 1	17s 6	14s43	5n10	11s 9	2n28	17s26	5n56	23s42	0s35	19s49	0n55	8s19	1s48	3s11	0n44	18n59	1s40	19s 4	13s33	8n39	8n12	16s21	15s55	6n17		
M 2	16 48	16 51	5 14	11 7	2 44	17 28	5 53	23 39	0 36	19 51	0 55	8 16	1 48	3 11	0 44	18 59	1 40	19 3	13 33	8 40	8 13	16 20	15 54	6 17		
T 3	16 31	18 10	5 4	11 9	2 58	17 31	5 50	23 36	0 36	19 52	0 55	8 14	1 48	3 11	0 44	18 59	1 39	19 3	13 32	8 41	8 15	16 19	15 53	6 18		
W 4	16 13	18 41	4 40	11 15	3 11	17 33	5 46	23 34	0 37	19 54	0 56	8 11	1 48	3 10	0 44	18 59	1 39	19 2	13 32	8 43	8 16	16 18	15 52	6 18		
T 5	15 55	18 21	4 5	11 25	3 21	17 36	5 42	23 30	0 38	19 55	0 56	8 8	1 48	3 10	0 44	19 0	1 39	19 1	13 32	8 44	8 17	16 17	15 51	6 18		
F 6	15 37	17 13	3 19	11 38	3 30	17 39	5 38	23 27	0 38	19 56	0 56	8 6	1 48	3 9	0 44	19 0	1 39	19 1	13 32	8 45	8 18	16 17	15 50	6 18		
S 7	15 18	15 21	2 25	11 54	3 36	17 41	5 33	23 23	0 39	19 58	0 56	8 3	1 48	3 9	0 44	19 0	1 39	19 0	13 32	8 46	8 19	16 16	15 49	6 19		
S 8	14 59	12 50	1 24	12 12	3 40	17 44	5 29	23 19	0 40	19 59	0 56	8 0	1 48	3 8	0 44	19 0	1 39	18 59	13 32	8 47	8 21	16 15	15 48	6 19		
M 9	14 40	9 46	0 19	12 32	3 41	17 46	5 24	23 15	0 40	20 0	0 56	7 57	1 48	3 7	0 44	19 0	1 39	18 59	13 32	8 47	8 22	16 14	15 47	6 19		
T 10	14 21	6 17	0s47	12 53	3 40	17 49	5 19	23 11	0 41	20 1	0 56	7 55	1 48	3 7	0 44	19 0	1 39	18 58	13 32	8 47	8 23	16 13	15 46	6 19		
W11	14 1	2 31	1 52	13 14	3 37	17 51	5 14	23 6	0 42	20 3	0 56	7 52	1 48	3 6	0 44	19 0	1 39	18 57	13 32	8 47	8 24	16 12	15 45	6 20		
T 12	13 41	1n24	2 52	13 35	3 31	17 53	5 9	23 1	0 42	20 4	0 56	7 49	1 48	3 6	0 44	19 0	1 39	18 57	13 31	8 46	8 25	16 11	15 44	6 20		
F 13	13 21	5 20	3 46	13 56	3 24	17 55	5 4	22 56	0 43	20 5	0 56	7 47	1 48	3 5	0 44	19 0	1 39	18 56	13 31	8 46	8 27	16 10	15 43	6 20		
S 14	13 1	9 5	4 29	14 17	3 16	17 56	4 59	22 50	0 44	20 6	0 56	7 44	1 48	3 4	0 44	19 0	1 39	18 55	13 31	8 46	8 28	16 10	15 42	6 21		
S 15	12 40	12 30	5 0	14 36	3 6	17 58	4 53	22 45	0 45	20 7	0 57	7 41	1 48	3 4	0 44	19 0	1 39	18 55	13 31	8 45	8 29	16 9	15 41	6 21		
M16	12 20	15 22	5 16	14 54	2 55	17 59	4 48	22 39	0 45	20 8	0 57	7 38	1 48	3 3	0 44	19 0	1 39	18 54	13 31	8 45	8 30	16 8	15 40	6 21		
T 17	11 59	17 27	5 14	15 11	2 44	18 0	4 42	22 33	0 46	20 9	0 57	7 35	1 48	3 2	0 44	19 0	1 39	18 53	13 31	8 45	8 31	16 7	15 39	6 22		
W18	11 38	18 32	4 54	15 26	2 32	18 1	4 36	22 26	0 47	20 10	0 57	7 33	1 48	3 2	0 45	19 0	1 39	18 53	13 31	8 46	8 32	16 6	15 38	6 22		
T 19	11 16	18 26	4 14	15 39	2 19	18 1	4 31	22 20	0 47	20 11	0 57	7 30	1 48	3 1	0 45	19 0	1 38	18 52	13 31	8 46	8 34	16 5	15 37	6 22		
F 20	10 55	17 4	3 16	15 51	2 7	18 1	4 25	22 13	0 48	20 12	0 57	7 27	1 48	3 0	0 45	19 1	1 38	18 51	13 31	8 46	8 35	16 4	15 36	6 23		
S 21	10 33	14 30	2 4	16 2	1 54	18 1	4 19	22 6	0 49	20 13	0 57	7 24	1 48	2 59	0 45	19 1	1 38	18 51	13 31	8 46	8 36	16 3	15 35	6 23		
S 22	10 12	10 56	0 43	16 10	1 41	18 1	4 13	21 59	0 49	20 14	0 57	7 21	1 48	2 59	0 45	19 1	1 38	18 50	13 31	8 47	8 37	16 2	15 34	6 23		
M23	9 50	6 40	0n40	16 18	1 28	18 0	4 7	21 51	0 50	20 14	0 57	7 19	1 48	2 58	0 45	19 1	1 38	18 49	13 31	8 47	8 38	16 1	15 33	6 24		
T 24	9 28	2 5	1 59	16 23	1 16	17 59	4 1	21 43	0 51	20 15	0 57	7 16	1 48	2 57	0 45	19 1	1 38	18 49	13 31	8 47	8 40	16 1	15 32	6 24		
W25	9 5	2s31	3 9	16 27	1 3	17 57	3 55	21 36	0 51	20 16	0 57	7 13	1 48	2 56	0 45	19 1	1 38	18 48	13 31	8 46	8 41	16 0	15 31	6 25		
T 26	8 43	6 50	4 5	16 29	0 51	17 55	3 49	21 27	0 52	20 16	0 58	7 10	1 48	2 55	0 45	19 1	1 38	18 48	13 31	8 46	8 42	15 59	15 30	6 25		
F 27	8 20	10 40	4 45	16 29	0 39	17 53	3 43	21 19	0 53	20 17	0 58	7 7	1 48	2 54	0 45	19 2	1 38	18 47	13 31	8 46	8 43	15 58	15 29	6 25		
S 28	7s58	13s50	5n10	16s28	0n27	17s50	3n37	21s10	0s53	20s18	0n58	7s 4	1s48	2s54	0n45	19n 2	1s38	18s46	13s31	8n47	8n44	15s57	15s28	6n26		

Julian Day Number = 2471299.5, Delta T = 75.80 sec
Ecliptic obliquity = 23°25'47, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°29'45, Lahiri = 24°36'46

ASTRODIENST EPHEMERIS for the year 2054

geocentric

MARCH 2054

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 36 7	10°36'50	6°59	13°47	24°23	29°59	5°45	16°23	9°R 0	2°II24	13°54	7°D26	7°29	7°17	20°53	S 1
M 2	10 40 3	11°37'04	19°21	14°38	25°19	0°45	5°49	16°30	8°58	2°24	13°56	7°26	7°26	7°24	20°57	M 2
T 3	10 44 0	12°37'17	1°27	15°31	26°15	1°30	5°53	16°38	8°55	2°25	13°58	7°26	7°23	7°31	21° 1	T 3
W 4	10 47 56	13°37'28	13°23	16°28	27°12	2°15	5°56	16°45	8°53	2°26	13°59	7°27	7°20	7°37	21° 5	W 4
T 5	10 51 53	14°37'38	25°13	17°28	28° 9	3° 1	5°59	16°53	8°51	2°26	14° 1	7°28	7°16	7°44	21° 9	T 5
F 6	10 55 49	15°37'46	7° 0	18°30	29° 6	3°46	6° 3	17° 0	8°49	2°27	14° 2	7°29	7°13	7°51	21°14	F 6
S 7	10 59 46	16°37'52	18°49	19°35	0°44	4°31	6° 6	17° 7	8°46	2°28	14° 4	7°29	7°10	7°57	21°17	S 7
S 8	11 3 43	17°37'56	0°43	20°42	1° 3	5°16	6° 8	17°15	8°44	2°29	14° 6	7°30	7° 7	8° 4	21°21	S 8
M 9	11 7 39	18°37'59	12°43	21°52	2° 1	6° 2	6°11	17°22	8°42	2°30	14° 7	7°R30	7° 4	8°11	21°25	M 9
T 10	11 11 36	19°37'59	24°53	23° 3	3° 1	6°47	6°13	17°30	8°39	2°30	14° 9	7°29	7° 1	8°17	21°29	T 10
W11	11 15 32	20°37'58	7°12	24°16	4° 0	7°32	6°16	17°37	8°37	2°31	14°10	7°28	6°57	8°24	21°33	W11
T 12	11 19 29	21°37'55	19°44	25°31	5° 0	8°18	6°18	17°44	8°34	2°32	14°12	7°26	6°54	8°31	21°37	T 12
F 13	11 23 25	22°37'50	2°29	26°48	6° 1	9° 3	6°20	17°52	8°32	2°33	14°14	7°24	6°51	8°37	21°40	F 13
S 14	11 27 22	23°37'42	15°27	28° 6	7° 2	9°49	6°21	17°59	8°29	2°34	14°15	7°22	6°48	8°44	21°44	S 14
S 15	11 31 18	24°37'33	28°40	29°27	8° 3	10°34	6°23	18° 6	8°27	2°35	14°17	7°20	6°45	8°51	21°47	S 15
M16	11 35 15	25°37'21	12°II 9	0°48	9° 4	11°19	6°24	18°14	8°24	2°37	14°18	7°18	6°41	8°57	21°51	M16
T 17	11 39 11	26°37'08	25°53	2°11	10° 6	12° 5	6°25	18°21	8°22	2°38	14°20	7°D18	6°38	9° 4	21°54	T 17
W18	11 43 8	27°36'51	9°54	3°36	11° 8	12°50	6°26	18°28	8°19	2°39	14°22	7°18	6°35	9°11	21°57	W18
T 19	11 47 5	28°36'33	24°11	5° 2	12°10	13°36	6°27	18°36	8°17	2°40	14°23	7°19	6°32	9°17	22° 1	T 19
F 20	11 51 1	29°36'12	8°40	6°30	13°13	14°21	6°27	18°43	8°14	2°41	14°25	7°21	6°29	9°24	22° 4	F 20
S 21	11 54 58	0°Y35'49	23°20	7°59	14°16	15° 7	6°28	18°50	8°12	2°42	14°26	7°22	6°26	9°31	22° 7	S 21
S 22	11 58 54	1°35'24	8°13	9°29	15°19	15°53	6°28	18°58	8° 9	2°44	14°28	7°R23	6°22	9°37	22°10	S 22
M23	12 2 51	2°34'57	22°45	11° 1	16°23	16°38	6°R28	19° 5	8° 6	2°45	14°29	7°22	6°19	9°44	22°13	M23
T 24	12 6 47	3°34'27	7°18	12°34	17°26	17°24	6°28	19°12	8° 4	2°46	14°31	7°20	6°16	9°51	22°16	T 24
W25	12 10 44	4°33'55	21°36	14° 8	18°30	18° 9	6°27	19°19	8° 1	2°48	14°32	7°17	6°13	9°57	22°18	W25
T 26	12 14 40	5°33'22	5°13	15°44	19°34	18°55	6°27	19°26	7°59	2°49	14°34	7°12	6°10	10° 4	22°21	T 26
F 27	12 18 37	6°32'47	19° 8	17°21	20°39	19°41	6°26	19°34	7°56	2°50	14°36	7° 8	6° 7	10°11	22°24	F 27
S 28	12 22 34	7°32'10	2°18	19° 0	21°44	20°26	6°25	19°41	7°53	2°52	14°37	7° 4	6° 3	10°17	22°26	S 28
S 29	12 26 30	8°31'31	15° 5	20°40	22°48	21°12	6°24	19°48	7°51	2°53	14°39	7° 0	6° 0	10°24	22°29	S 29
M30	12 30 27	9°30'50	27°30	22°21	23°54	21°58	6°23	19°55	7°48	2°55	14°40	6°58	5°57	10°31	22°31	M30
T 31	12 34 23	10°Y30'08	9°39	24°13	24°59	22°43	6°21	20°12	7°46	2°II56	14°42	6°D57	5°13	10°37	22°34	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	7s35	16s14	5n18	16s26	0n16	17s46	3n31	21s 1	0s54	20s18	0n58	7s 2	1s48	2s53	0n45	19n 2
M 2	7 12	17 50	5 11	16 22	0 5	17 43	3 25	20 52	0 55	20 19	0 58	6 59	1 48	2 52	0 45	19 2
T 3	6 49	18 35	4 51	16 16	0s 6	17 39	3 18	20 43	0 55	20 19	0 58	6 56	1 48	2 51	0 45	19 2
W 4	6 26	18 29	4 18	16 9	0 16	17 34	3 12	20 34	0 56	20 20	0 58	6 53	1 48	2 50	0 45	19 2
T 5	6 3	17 34	3 34	16 0	0 26	17 29	3 6	20 24	0 57	20 20	0 58	6 50	1 48	2 49	0 45	19 3
F 6	5 40	15 55	2 41	15 50	0 35	17 24	3 0	20 14	0 57	20 21	0 58	6 47	1 48	2 48	0 45	19 3
S 7	5 17	13 34	1 42	15 38	0 44	17 18	2 54	20 4	0 58	20 21	0 59	6 45	1 48	2 47	0 45	19 3
S 8	4 53	10 38	0 38	15 25	0 53	17 11	2 48	19 54	0 59	20 22	0 59	6 42	1 48	2 46	0 45	19 3
M 9	4 30	7 14	0s29	15 11	1 1	17 5	2 41	19 43	0 59	20 22	0 59	6 39	1 48	2 45	0 45	19 4
T 10	4 6	3 29	1 35	14 55	1 9	16 57	2 35	19 32	1 0	20 22	0 59	6 36	1 48	2 45	0 45	19 4
W11	3 43	0n27	2 37	14 38	1 17	16 50	2 29	19 21	1 1	20 23	0 59	6 33	1 48	2 44	0 45	19 4
T 12	3 19	4 25	3 33	14 20	1 24	16 41	2 23	19 10	1 1	20 23	0 59	6 30	1 48	2 43	0 45	19 4
F 13	2 55	8 16	4 20	14 0	1 31	16 33	2 17	18 59	1 2	20 23	0 59	6 28	1 48	2 42	0 45	19 4
S 14	2 32	11 47	4 53	13 39	1 37	16 24	2 11	18 48	1 3	20 23	0 59	6 25	1 48	2 41	0 45	19 5
S 15	2 8	14 46	5 12	13 16	1 43	16 14	2 5	18 36	1 3	20 23	0 59	6 22	1 49	2 40	0 45	19 5
M16	1 44	17 2	5 15	12 52	1 48	16 4	1 59	18 24	1 4	20 24	0 59	6 19	1 49	2 39	0 45	19 5
T 17	1 21	18 22	5 0	12 27	1 54	15 53	1 53	18 12	1 5	20 24	1 0	6 16	1 49	2 38	0 45	19 6
W18	0 57	18 38	4 26	12 1	1 58	15 42	1 47	18 0	1 5	20 24	1 0	6 13	1 49	2 37	0 45	19 6
T 19	0 33	17 43	3 36	11 34	2 2	15 31	1 41	17 47	1 6	20 24	1 0	6 11	1 49	2 36	0 45	19 6
F 20	0 9	15 39	2 32	11 5	2 6	15 19	1 36	17 35	1 7	20 24	1 0	6 8	1 49	2 35	0 45	19 6
S 21	0n14	12 32	1 17	10 35	2 10	15 7	1 30	17 22	1 7	20 24	1 0	6 5	1 49	2 34	0 45	19 7
S 22	0 38	8 36	0n 4	10 3	2 13	14 54	1 24	17 9	1 8	20 24	1 0	6 2	1 49	2 33	0 45	19 7
M23	1 2	4 9	1 24	9 31	2 15	14 40	1 19	16 56	1 9	20 24	1 0	6 0	1 49	2 32	0 45	19 7
T 24	1 25	0s29	2 37	8 57	2 17	14 27	1 13	16 43	1 9	20 23	1 0	5 57	1 49	2 31	0 45	19 8
W25	1 49	5 1	3 40	8 22	2 19	14 12	1 7	16 29	1 10	20 23	1 0	5 54	1 49	2 30	0 45	19 8
T 26	2 12	9 10	4 27	7 46	2 20	13 58	1 2	16 16	1 10	20 23	1 0	5 51	1 49	2 29	0 45	19 8
F 27	2 36	12 43	4 58	7 9	2 20	13 43	0 56	16 2	1 11	20 23	1 0	5 49	1 49	2 27	0 45	19 9
S 28	2 59	15 31	5 12	6 31	2 21	13 27	0 51	15 48	1 12	20 23	1 1	5 46	1 50	2 26	0 45	19 9
S 29	3 23	17 27	5 10	5 51	2 20	13 11	0 46	15 34	1 12	20 22	1 1	5 43	1 50	2 25	0 45	19 9
M30	3 46	18 31	4 54	5 11	2 20	12 55	0 41	15 20	1 13	20 22	1 1	5 40	1 50	2 24	0 45	19 9
T 31	4n 9	18s41	4n24	4s29	2s19	12s38	0n35	15s 6	1s13	20s22	1n 1	5s38	1s50	2s23	0n45	19n10

Julian Day Number = 2471327.5, Delta T = 75.82 sec
 Ecliptic obliquity = 23°25'48", Nutation = - 0°00'06", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 25°29'49", Lahiri = 24°36'50"

ASTRODIENST EPHEMERIS for the year 2054

geocentric

APRIL 2054

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 38 20	11°29'24"	21°36'36"	25°47'47"	26°44'44"	23°29'29"	6°R20	20°H 9	7°R43	2°II58	14°H43	6°M58	5°M51	10°44'44"	22°36'36"	W 1
T 2	12 42 16	12°28'38"	3°26'26"	27°33'33"	27°10'10"	24°15'15"	6°21'18"	20°16'16"	7°41'41"	2°59'59"	14°44'44"	6°59'59"	5°47'47"	10°51'51"	22°38'38"	T 2
F 3	12 46 13	13°27'50"	15°14'14"	29°19'19"	28°16'16"	25°0'0"	6°16'16"	20°23'23"	7°38'38"	3°0'0"	14°46'46"	7°0'0"	5°44'44"	10°57'57"	22°41'41"	F 3
S 4	12 50 9	14°27'00"	27°0'0"	1°Y 7	29°22'22"	25°46'46"	6°14'14"	20°30'30"	7°35'35"	3°2'2"	14°47'47"	7°2'2"	5°41'41"	11°0'0"	22°43'43"	S 4
S 5	12 54 6	15°26'09"	9°H 3	2°57'57"	0°H28	26°32'32"	6°11'11"	20°37'37"	7°33'33"	3°4'4"	14°49'49"	7°R 3	5°38'38"	11°10'10"	22°45'45"	S 5
M 6	12 58 3	16°25'16"	21°11'11"	4°48'48"	1°35'35"	27°18'18"	6°9'9"	20°44'44"	7°30'30"	3°6'6"	14°50'50"	7°2'2"	5°35'35"	11°17'17"	22°47'47"	M 6
T 7	13 1 59	17°24'20"	3°Y33	6°40'40"	2°41'41"	28°0'0"	6°6'6"	20°51'51"	7°28'28"	3°7'7"	14°52'52"	6°59'59"	5°32'32"	11°24'24"	22°48'48"	T 7
W 8	13 5 56	18°23'23"	16°10'10"	8°34'34"	3°48'48"	28°49'49"	6°3'3"	20°58'58"	7°25'25"	3°9'9"	14°53'53"	6°54'54"	5°28'28"	11°30'30"	22°50'50"	W 8
T 9	13 9 52	19°22'24"	29°0'0"	10°29'29"	4°55'55"	29°35'35"	6°0'0"	21°0'0"	7°23'23"	3°11'11"	14°54'54"	6°47'47"	5°25'25"	11°37'37"	22°52'52"	T 9
F 10	13 13 49	20°21'23"	12°H 9	12°26'26"	6°2'2"	0°H21	5°56'56"	21°12'12"	7°20'20"	3°13'13"	14°56'56"	6°40'40"	5°22'22"	11°44'44"	22°54'54"	F 10
S 11	13 17 45	21°20'19"	25°30'30"	14°24'24"	7°9'9"	1°0'0"	5°53'53"	21°18'18"	7°18'18"	3°14'14"	14°57'57"	6°32'32"	5°19'19"	11°50'50"	22°55'55"	S 11
S 12	13 21 42	22°19'14"	9°II 3	16°23'23"	8°16'16"	1°52'52"	5°49'49"	21°25'25"	7°15'15"	3°16'16"	14°58'58"	6°25'25"	5°16'16"	11°57'57"	22°57'57"	S 12
M13	13 25 38	23°18'06"	22°47'47"	18°24'24"	9°23'23"	2°38'38"	5°45'45"	21°32'32"	7°13'13"	3°18'18"	15°0'0"	6°20'20"	5°12'12"	12°0'0"	22°58'58"	M13
T 14	13 29 35	24°16'56"	6°H40	20°26'26"	10°31'31"	3°24'24"	5°42'42"	21°38'38"	7°10'10"	3°20'20"	15°1'1"	6°16'16"	5°9'9"	12°10'10"	22°59'59"	T 14
W15	13 33 31	25°15'44"	20°41'41"	22°29'29"	11°39'39"	4°10'10"	5°37'37"	21°45'45"	7°8'8"	3°22'22"	15°2'2"	6°D15	5°6'6"	12°17'17"	23°0'0"	W15
T 16	13 37 28	26°14'29"	4°H48	24°33'33"	12°46'46"	4°55'55"	5°33'33"	21°51'51"	7°5'5"	3°23'23"	15°4'4"	6°15'15"	5°3'3"	12°24'24"	23°2'2"	T 16
F 17	13 41 25	27°13'13"	19°0'0"	26°39'39"	13°54'54"	5°41'41"	5°29'29"	21°58'58"	7°3'3"	3°25'25"	15°5'5"	6°16'16"	5°0'0"	12°30'30"	23°3'3"	F 17
S 18	13 45 21	28°11'54"	3°M16	28°45'45"	15°2'2"	6°27'27"	5°24'24"	22°0'0"	7°0'0"	3°27'27"	15°6'6"	6°R17	4°57'57"	12°37'37"	23°4'4"	S 18
S 19	13 49 18	29°10'32"	17°33'33"	0°H52	16°10'10"	7°13'13"	5°19'19"	22°11'11"	6°58'58"	3°29'29"	15°7'7"	6°16'16"	4°53'53"	12°44'44"	23°4'4"	S 19
M20	13 53 14	0°H 9'09"	1°H48	2°59'59"	17°19'19"	7°58'58"	5°14'14"	22°17'17"	6°56'56"	3°31'31"	15°9'9"	6°14'14"	4°50'50"	12°50'50"	23°5'5"	M20
T 21	13 57 11	1°7'43"	15°58'58"	5°7'7"	18°27'27"	8°44'44"	5°9'9"	22°24'24"	6°53'53"	3°33'33"	15°10'10"	6°9'9"	4°47'47"	12°57'57"	23°6'6"	T 21
W22	14 1 7	2°6'15"	29°56'56"	7°14'14"	19°35'35"	9°30'30"	5°4'4"	22°30'30"	6°51'51"	3°35'35"	15°11'11"	6°2'2"	4°44'44"	13°4'4"	23°7'7"	W22
T 23	14 5 4	3°4'46"	13°M40	9°21'21"	20°44'44"	10°16'16"	4°59'59"	22°36'36"	6°49'49"	3°37'37"	15°12'12"	5°53'53"	4°41'41"	13°10'10"	23°7'7"	T 23
F 24	14 9 0	4°3'15"	27°6'6"	11°28'28"	21°52'52"	11°1'1"	4°53'53"	22°42'42"	6°47'47"	3°39'39"	15°13'13"	5°43'43"	4°38'38"	13°17'17"	23°8'8"	F 24
S 25	14 12 57	5°1'42"	10°H12	13°34'34"	23°1'1"	11°47'47"	4°48'48"	22°48'48"	6°44'44"	3°41'41"	15°15'15"	5°33'33"	4°34'34"	13°24'24"	23°8'8"	S 25
S 26	14 16 54	6°0'07"	22°57'57"	15°39'39"	24°10'10"	12°33'33"	4°42'42"	22°54'54"	6°42'42"	3°43'43"	15°16'16"	5°24'24"	4°31'31"	13°30'30"	23°9'9"	S 26
M27	14 20 50	6°58'31"	5°H23	17°42'42"	25°19'19"	13°18'18"	4°36'36"	23°0'0"	6°40'40"	3°45'45"	15°17'17"	5°18'18"	4°28'28"	13°37'37"	23°9'9"	M27
T 28	14 24 47	7°56'53"	17°33'33"	19°44'44"	26°28'28"	14°0'0"	4°30'30"	23°6'6"	6°38'38"	3°47'47"	15°18'18"	5°13'13"	4°25'25"	13°44'44"	23°9'9"	T 28
W29	14 28 43	8°55'13"	29°30'30"	21°43'43"	27°37'37"	14°50'50"	4°24'24"	23°12'12"	6°36'36"	3°49'49"	15°19'19"	5°11'11"	4°22'22"	13°50'50"	23°9'9"	W29
T 30	14 32 40	9°H53'32"	11°H21	23°H40	28°H46	15°H36	4°H18	23°H18	6°H34	3°II51	15°H20	5°D11	4°M18	13°H57	23°R 9	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
W 1	4n33	18s 1	3n43	3s46	2s17	12s21	0n30	14s51	1s14	20s21	1n 1	5s35	1s50	2s22	0n45	19n10	1s36	18s29	13s34	8n57	9n22	15s26	14s56	6n42	
T 2	4 56	16 34	2 53	3 2	2 15	12 3	0 25	14 36	1 15	20 21	1 1	5 32	1 50	2 21	0 45	19 11	1 36	18 29	13 34	8 57	9 23	15 25	14 55	6 42	
F 3	5 19	14 24	1 56	2 17	2 12	11 45	0 20	14 22	1 15	20 21	1 1	5 30	1 50	2 20	0 45	19 11	1 36	18 28	13 34	8 56	9 24	15 24	14 54	6 43	
S 4	5 42	11 38	0 54	1 31	2 9	11 27	0 15	14 7	1 16	20 20	1 1	5 27	1 50	2 19	0 45	19 11	1 36	18 28	13 34	8 55	9 25	15 23	14 53	6 43	
S 5	6 5	8 21	0s11	0 45	2 5	11 8	0 11	13 52	1 16	20 20	1 1	5 24	1 50	2 18	0 45	19 12	1 36	18 28	13 35	8 55	9 27	15 22	14 52	6 44	
M 6	6 27	4 40	1 16	0n 3	2 1	10 49	0 6	13 37	1 17	20 19	1 1	5 22	1 50	2 17	0 45	19 12	1 36	18 27	13 35	8 56	9 28	15 21	14 51	6 44	
T 7	6 50	0 43	2 19	0 52	1 56	10 30	0 1	13 21	1 17	20 19	1 1	5 19	1 51	2 16	0 45	19 12	1 36	18 27	13 35	8 57	9 29	15 20	14 51	6 45	
W 8	7 12	3n20	3 16	1 41	1 51	10 10	0s 3	13 6	1 18	20 18	1 1	5 17	1 51	2 15	0 45	19 13	1 36	18 26	13 35	8 59	9 30	15 19	14 50	6 46	
T 9	7 35	7 18	4 5	2 32	1 45	9 50	0 8	12 50	1 19	20 17	1 2	5 14	1 51	2 14	0 45	19 13	1 36	18 26	13 35	9 1	9 31	15 18	14 49	6 46	
F 10	7 57	11 1	4 41	3 23	1 39	9 29	0 12	12 35	1 19	20 17	1 2	5 11	1 51	2 13	0 45	19 13	1 36	18 26	13 36	9 4	9 32	15 16	14 48	6 47	
S 11	8 19	14 13	5 3	4 15	1 33	9 9	0 17	12 19	1 20	20 16	1 2	5 9	1 51	2 12	0 45	19 14	1 36	18 25	13 36	9 7	9 34	15 15	14 47	6 47	
S 12	8 41	16 43	5 8	5 8	1 25	8 47	0 21	12 3	1 20	20 15	1 2	5 6	1 51	2 11	0 45	19 14	1 36	18 25	13 36	9 9	9 35	15 14	14 46	6 48	
M13	9 3	18 18	4 56	6 1	1 18	8 26	0 25	11 47	1 21	20 15	1 2	5 4	1 51	2 10	0 45	19 15	1 36	18 25	13 36	9 11	9 36	15 13	14 46	6 48	
T 14	9 25	18 50	4 26	6 54	1 10	8 4	0 29	11 31	1 21	20 14	1 2	5 1	1 52	2 10	0 45	19 15	1 36	18 24	13 36	9 12	9 37	15 12	14 45	6 49	
W15	9 46	18 12	3 41	7 48	1 1	7 42	0 33	11 15	1 22	20 13	1 2	4 59	1 52	2 9	0 45	19 15	1 36	18 24	13 37	9 13	9 38	15 11	14 44	6 50	
T 16	10 8	16 27	2 41	8 42	0 52	7 20	0 37	10 59	1 22	20 12	1 2	4 56	1 52	2 8	0 45	19 16	1 36	18 24	13 37	9 13	9 39	15 10	14 43	6 50	
F 17	10 29	13 40	1 32	9 37	0 43	6 58	0 41	10 42	1 23	20 12	1 2	4 54	1 52	2 7	0 45	19 16	1 36	18 24	13 37	9 13	9 41	15 9	14 42	6 51	
S 18	10 50	10 3	0 16	10 31	0 33	6 35	0 45	10 26	1 23	20 11	1 2	4 52	1 52	2 6	0 45	19 16	1 35	18 23	13 37	9 12	9 42	15 8	14 42	6 51	
S 19	11 11	5 51	1n 0	11 25	0 23	6 12	0 48	10 9	1 24	20 10	1 2	4 49	1 52	2 5	0 45	19 17	1 35	18 23	13 38	9 12	9 43	15 7	14 41	6 52	
M20	11 31	1 19	2 13	12 18	0 12	5 49	0 52	9 53	1 24	20 9	1 2	4 47	1 52	2 4	0 45	19 17	1 35	18 23	13 38	9 13	9 44	15 6	14 40	6 53	
T 21	11 52	3s15	3 16	13 11	0 2	5 25	0 55	9 36	1 25	20 8	1 2	4 44	1 53	2 3	0 45	19 18	1 35	18 23	13 38	9 15	9 45	15 5	14 40	6 53	
W22	12 12	7 35	4 7	14 4	0n 9	5 1	0 59	9 19	1 25	20 7	1 2	4 42	1 53	2 2	0 45	19 18	1 35	18 22	13 38	9 18	9 46	15 4	14 39	6 54	
T 23	12 32	11 26	4 43	14 55	0 20	4 37	1 2	9 2	1 26	20 6	1 2	4 40	1 53	2 1	0 45	19 18	1 35	18 22	13 39	9 21	9 47	15 3	14 38	6 54	
F 24	12 52	14 37	5 2	15 45	0 30	4 13	1 5	8 45	1 26	20 5	1 2	4 37	1 53	2 0	0 45	19 19	1 35	18 22	13 39	9 25	9 49	15 2	14 38	6 55	
S 25	13 12	16 57	5 4	16 34	0 41	3 49	1 8	8 28	1 27	20 4	1 2	4 35	1 53	2 0	0 45	19 19	1 35	18 22	13 39	9 28	9 50	15 0	14 37	6 56	
S 26	13 31	18 24	4 51	17 21	0 52	3 24	1 11	8 11	1 27	20 3	1 2	4 33	1 53	1 59	0 45	19 20	1 35	18 22	13 40	9 32	9 51	14 59	14 36	6 56	
M27	13 50	18 55	4 24	18 6	1 2	3 0	1 14	7 54	1 27	20 2	1 2	4 31	1 54	1 58	0 44	19 20	1 35	18 21	13 40	9 34	9 52	14 58	14 36	6 57	
T 28	14 9	18 32	3 46	18 49	1 12	2 35	1 17	7 37	1 28	20 1	1 2	4 29	1 54	1 57	0 44	19 20	1 35	18 21	13 40	9 36	9 53	14 57	14 35	6 57	
W29	14 28	17 20	2 59	19 31	1 22	2 10	1 20	7 20	1 28	20 0	1 2	4 26	1 54	1 56	0 44	19 21	1 35	18 21	13 40	9 36	9 54	14 56	14 34	6 58	
T 30	14n46	15s23	2n 4	20n10	1n32	1s45	1s22	7s 2	1s29	19s58	1n 2	4s24	1s54	1s56	0n44	19n21	1s35	18s21	13s41	9n37	9n56	14s55	14s34	6n58	

ASTRODIENST EPHEMERIS for the year 2054
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MAY 2054

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 36 36	10♌51'50	23♏10	25♌34	29♏55	16♏21	4♌11	23♏24	6♌R32	3♏53	15♏21	5♏11	4♏15	14♏4	23♌9	F 1
S 2	14 40 33	11°50'05	5♏2	27°26	1♏5	17°7	4♌5	23°30	6♌30	3°55	15°22	5°R11	4°12	14°10	23♌9	S 2
S 3	14 44 29	12°48'20	17°3	29°14	2°14	17°53	3°58	23°35	6°28	3°58	15°23	5°11	4°9	14°17	23°9	S 3
M 4	14 48 26	13°46'33	29°17	0♏59	3°24	18°38	3°51	23°41	6°26	4°0	15°24	5°8	4°6	14°23	23°8	M 4
T 5	14 52 23	14°44'44	11♏48	2°41	4°33	19°24	3°45	23°47	6°24	4°2	15°25	5°3	4°3	14°30	23°8	T 5
W 6	14 56 19	15°42'53	24°39	4°19	5°43	20°9	3°38	23°52	6°22	4°4	15°26	4°55	3°59	14°37	23°8	W 6
T 7	15 0 16	16°41'02	7♌50	5°53	6°53	20°55	3°31	23°58	6°21	4°6	15°27	4°46	3°56	14°43	23°7	T 7
F 8	15 4 12	17°39'08	21°20	7°24	8°2	21°41	3°24	24°3	6°19	4°8	15°28	4°34	3°53	14°50	23°6	F 8
S 9	15 8 9	18°37'13	5♏6	8°51	9°12	22°26	3°17	24°8	6°17	4°10	15°29	4°23	3°50	14°57	23°6	S 9
S 10	15 12 5	19°35'16	19°6	10°14	10°22	23°12	3°10	24°14	6°15	4°13	15°29	4°12	3°47	15°3	23°5	S 10
M 11	15 16 2	20°33'18	3♏14	11°33	11°32	23°57	3°2	24°19	6°14	4°15	15°30	4°3	3°44	15°10	23°4	M 11
T 12	15 19 58	21°31'18	17°25	12°47	12°42	24°42	2°55	24°24	6°12	4°17	15°31	3°57	3°40	15°17	23°3	T 12
W 13	15 23 55	22°29'16	1♏38	13°58	13°52	25°28	2°48	24°29	6°11	4°19	15°32	3°54	3°37	15°23	23°2	W 13
T 14	15 27 52	23°27'12	15°48	15°4	15°2	26°13	2°40	24°34	6°9	4°21	15°33	3°52	3°34	15°30	23°1	T 14
F 15	15 31 48	24°25'06	29°55	16°7	16°12	26°59	2°33	24°39	6°8	4°24	15°33	3°52	3°31	15°37	23°0	F 15
S 16	15 35 45	25°22'58	13♏57	17°4	17°22	27°44	2°25	24°44	6°6	4°26	15°34	3°52	3°28	15°43	22°59	S 16
S 17	15 39 41	26°20'48	27°54	17°58	18°33	28°29	2°18	24°48	6°5	4°28	15°35	3°51	3°24	15°50	22°57	S 17
M 18	15 43 38	27°18'37	11♏46	18°47	19°43	29°15	2°10	24°53	6°4	4°30	15°35	3°47	3°21	15°57	22°56	M 18
T 19	15 47 34	28°16'24	25°29	19°31	20°53	29°59	2°3	24°58	6°2	4°33	15°36	3°40	3°18	16°3	22°55	T 19
W 20	15 51 31	29°14'10	9♏3	20°11	22°4	0♏45	1°55	25°2	6°1	4°35	15°37	3°31	3°15	16°10	22°53	W 20
T 21	15 55 27	0♏11'54	22°25	20°47	23°14	1°30	1°47	25°7	6°0	4°37	15°37	3°19	3°12	16°17	22°52	T 21
F 22	15 59 24	1°9'37	5♏33	21°17	24°25	2°15	1°40	25°11	5°59	4°39	15°38	3°6	3°9	16°23	22°50	F 22
S 23	16 3 21	2°7'18	18°26	21°43	25°35	3°1	1°32	25°15	5°58	4°42	15°38	2°54	3°5	16°30	22°48	S 23
S 24	16 7 17	3°4'59	1♌3	22°4	26°46	3°46	1°24	25°20	5°57	4°44	15°39	2°42	3°2	16°37	22°46	S 24
M 25	16 11 14	4°2'38	13°22	22°20	27°57	4°31	1°17	25°24	5°56	4°46	15°40	2°33	2°59	16°43	22°45	M 25
T 26	16 15 10	5°0'16	25°29	22°32	29°7	5°16	1°9	25°28	5°55	4°48	15°40	2°26	2°56	16°50	22°43	T 26
W 27	16 19 7	5°57'53	7♏25	22°38	0♌18	6°1	1°2	25°32	5°54	4°51	15°40	2°22	2°53	16°56	22°41	W 27
T 28	16 23 3	6°55'29	19°15	22°R40	1°29	6°46	0°54	25°36	5°53	4°53	15°41	2°21	2°49	17°3	22°39	T 28
F 29	16 27 0	7°53'04	1♏3	22°38	2°40	7°31	0°46	25°40	5°52	4°55	15°41	2°20	2°46	17°10	22°36	F 29
S 30	16 30 56	8°50'38	12°55	22°31	3°51	8°16	0°39	25°43	5°51	4°57	15°42	2°20	2°43	17°16	22°34	S 30
S 31	16 34 53	9♏48'11	24♏57	22♏19	5♌2	9♏0	0♌31	25♏47	5♏51	5♏0	15♏42	2♏19	2♏40	17♏23	22♌32	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	15n 5	12s47	1n 4	20n46	1n40	1s20	1s25	6s45	1s29	19s57	1n 2	4s22	1s54	1s55	0n44	19n22	1s35	18s21	13s41	9n36	9n57	14s54	14s33	6n59	
S 2	15 23	9 39	0 1	21 20	1 49	0 54	1 27	6 28	1 29	19 56	1 2	4 20	1 54	1 54	0 44	19 22	1 35	18 21	13 41	9 36	9 58	14 53	14 33	7 0	
S 3	15 41	6 5	1 s 3	21 52	1 56	0 29	1 30	6 10	1 30	19 55	1 2	4 18	1 55	1 53	0 44	19 23	1 35	18 21	13 42	9 37	9 59	14 52	14 32	7 0	
M 4	15 58	2 11	2 5	22 21	2 3	0 3	1 32	5 53	1 30	19 54	1 2	4 16	1 55	1 53	0 44	19 23	1 35	18 20	13 42	9 37	10 0	14 51	14 32	7 1	
T 5	16 15	1n53	3 2	22 48	2 9	0n22	1 34	5 35	1 31	19 52	1 2	4 14	1 55	1 52	0 44	19 23	1 35	18 20	13 42	9 39	10 1	14 49	14 31	7 1	
W 6	16 32	5 58	3 51	23 12	2 15	0 48	1 36	5 18	1 31	19 51	1 2	4 12	1 55	1 51	0 44	19 24	1 35	18 20	13 42	9 42	10 3	14 48	14 31	7 2	
T 7	16 49	9 52	4 30	23 34	2 19	1 14	1 38	5 0	1 31	19 50	1 2	4 10	1 55	1 50	0 44	19 24	1 35	18 20	13 43	9 46	10 4	14 47	14 30	7 3	
F 8	17 5	13 21	4 54	23 53	2 23	1 40	1 40	4 42	1 32	19 49	1 2	4 8	1 56	1 50	0 44	19 25	1 35	18 20	13 43	9 50	10 5	14 46	14 30	7 3	
S 9	17 22	16 12	5 2	24 10	2 26	2 5	1 41	4 25	1 32	19 47	1 2	4 6	1 56	1 49	0 44	19 25	1 35	18 20	13 43	9 54	10 6	14 45	14 29	7 4	
S 10	17 37	18 8	4 52	24 25	2 28	2 31	1 43	4 7	1 32	19 46	1 2	4 4	1 56	1 49	0 44	19 25	1 35	18 20	13 44	9 58	10 7	14 44	14 29	7 4	
M11	17 53	19 0	4 24	24 37	2 29	2 57	1 45	3 49	1 33	19 45	1 2	4 2	1 56	1 48	0 44	19 26	1 35	18 20	13 44	10 1	10 8	14 43	14 28	7 5	
T 12	18 8	18 40	3 40	24 48	2 30	3 23	1 46	3 32	1 33	19 43	1 2	4 0	1 56	1 47	0 44	19 26	1 35	18 20	13 44	10 3	10 9	14 42	14 28	7 5	
W13	18 23	17 9	2 42	24 56	2 29	3 49	1 47	3 14	1 33	19 42	1 2	3 58	1 57	1 47	0 44	19 27	1 35	18 20	13 45	10 5	10 11	14 40	14 28	7 6	
T 14	18 38	14 36	1 34	25 2	2 27	4 15	1 49	2 56	1 34	19 41	1 2	3 57	1 57	1 46	0 44	19 27	1 35	18 20	13 45	10 5	10 12	14 39	14 27	7 6	
F 15	18 52	11 10	0 21	25 6	2 25	4 41	1 50	2 38	1 34	19 39	1 2	3 55	1 57	1 46	0 44	19 28	1 35	18 20	13 45	10 5	10 13	14 38	14 27	7 7	
S 16	19 6	7 8	0n53	25 8	2 21	5 7	1 51	2 20	1 34	19 38	1 2	3 53	1 57	1 45	0 44	19 28	1 35	18 20	13 46	10 5	10 14	14 37	14 27	7 8	
S 17	19 20	2 43	2 4	25 9	2 16	5 32	1 52	2 3	1 34	19 36	1 2	3 52	1 57	1 45	0 44	19 28	1 35	18 20	13 46	10 6	10 15	14 36	14 26	7 8	
M18	19 33	1s48	3 6	25 8	2 11	5 58	1 53	1 45	1 35	19 35	1 2	3 50	1 58	1 44	0 44	19 29	1 35	18 20	13 46	10 7	10 16	14 35	14 26	7 9	
T 19	19 46	6 10	3 57	25 5	2 4	6 24	1 54	1 27	1 35	19 33	1 1	3 48	1 58	1 44	0 44	19 29	1 35	18 20	13 47	10 10	10 17	14 33	14 26	7 9	
W20	19 59	10 11	4 34	25 0	1 57	6 49	1 54	1 9	1 35	19 32	1 1	3 47	1 58	1 43	0 44	19 30	1 35	18 20	13 47	10 13	10 19	14 32	14 25	7 10	
T 21	20 11	13 37	4 55	24 54	1 48	7 15	1 55	0 52	1 35	19 31	1 1	3 45	1 58	1 43	0 44	19 30	1 35	18 20	13 47	10 17	10 20	14 31	14 25	7 10	
F 22	20 23	16 18	5 0	24 47	1 39	7 40	1 55	0 34	1 36	19 29	1 1	3 44	1 58	1 42	0 44	19 30	1 35	18 20	13 48	10 22	10 21	14 30	14 25	7 11	
S 23	20 35	18 7	4 50	24 38	1 28	8 5	1 56	0 16	1 36	19 28	1 1	3 42	1 59	1 42	0 44	19 31	1 35	18 20	13 48	10 26	10 22	14 29	14 25	7 11	
S 24	20 46	19 0	4 25	24 28	1 17	8 31	1 56	0n 1	1 36	19 26	1 1	3 41	1 59	1 42	0 44	19 31	1 35	18 21	13 49	10 30	10 23	14 28	14 25	7 12	
M25	20 57	18 58	3 48	24 17	1 4	8 56	1 56	0 19	1 36	19 25	1 1	3 39	1 59	1 41	0 44	19 32	1 35	18 21	13 49	10 34	10 24	14 26	14 24	7 12	
T 26	21 7	18 3	3 2	24 4	0 51	9 20	1 57	0 37	1 36	19 23	1 1	3 38	1 59	1 41	0 44	19 32	1 35	18 21	13 49	10 36	10 25	14 25	14 24	7 13	
W27	21 18	16 21	2 8	23 51	0 37	9 45	1 57	0 54	1 37	19 22	1 1	3 36	2 0	1 41	0 43	19 33	1 35	18 21	13 50	10 38	10 27	14 24	14 24	7 13	
T 28	21 27	13 57	1 9	23 36	0 22	10 10	1 57	1 12	1 37	19 21	1 1	3 35	2 0	1 40	0 43	19 33	1 35	18 21	13 50	10 38	10 28	14 23	14 24	7 14	
F 29	21 37	10 59	0 7	23 20	0 7	10 34	1 56	1 30	1 37	19 19	1 0	3 34	2 0	1 40	0 43	19 33	1 35	18 21	13 50	10 38	10 29	14 22	14 24	7 14	
S 30	21 46	7 34	0s56	23 4	0s 9	10 58	1 56	1 47	1 37	19 18	1 0	3 32	2 0	1 40	0 43	19 34	1 35	18 21	13 51	10 38	10 30	14 21	14 24	7 14	
S 31	21n55	3s48	1s57	22n47	0s26	11n22	1s56	2n 5	1s37	19s16	1n 0	3s31	2s 1	1s39	0n43	19n34	1s35	18s22	13s51	10n39	10n31	14s19	14s24	7n15	

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JUNE 2054

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 38 50	10♏45'43	7♏13	22°R 4	6♏13	9♏45	0°R24	25♏51	5°R50	5♏2	15♏42	2°R17	2♏37	17♏30	22°R30	M 1
T 2	16 42 46	11°43'15	19°49	21♏45	7°24	10°30	0♏17	25°54	5♏49	5° 4	15°43	2♏12	2°34	17°36	22°R27	T 2
W 3	16 46 43	12°40'46	2♏47	21°23	8°35	11°15	0° 9	25°57	5°49	5° 6	15°43	2° 5	2°30	17°43	22°25	W 3
T 4	16 50 39	13°38'16	16°10	20°57	9°46	11°59	0° 2	26° 1	5°48	5° 8	15°43	1°56	2°27	17°50	22°22	T 4
F 5	16 54 36	14°35'45	29°56	20°29	10°57	12°44	29♏55	26° 4	5°48	5°11	15°44	1°45	2°24	17°56	22°20	F 5
S 6	16 58 32	15°33'13	14♏4	19°59	12° 8	13°28	29°48	26° 7	5°48	5°13	15°44	1°34	2°21	18° 3	22°17	S 6
S 7	17 2 29	16°30'41	28°28	19°27	13°19	14°13	29°40	26°10	5°47	5°15	15°44	1°23	2°18	18°10	22°15	S 7
M 8	17 6 25	17°28'07	13♏1	18°54	14°31	14°57	29°33	26°13	5°47	5°17	15°44	1°14	2°15	18°16	22°12	M 8
T 9	17 10 22	18°25'33	27°37	18°20	15°42	15°42	29°27	26°16	5°47	5°20	15°44	1° 8	2°11	18°23	22° 9	T 9
W10	17 14 19	19°22'57	12♏9	17°47	16°53	16°26	29°20	26°19	5°47	5°22	15°45	1° 5	2° 8	18°30	22° 6	W10
T11	17 18 15	20°20'20	26°34	17°14	18° 5	17°10	29°13	26°21	5°46	5°24	15°45	1°D 4	2° 5	18°36	22° 3	T11
F12	17 22 12	21°17'42	10♏47	16°42	19°16	17°55	29° 6	26°24	5°46	5°26	15°45	1° 4	2° 2	18°43	22° 0	F12
S13	17 26 8	22°15'03	24°48	16°12	20°27	18°39	29° 0	26°27	5°D46	5°28	15°45	1°R 4	1°59	18°50	21°58	S13
S14	17 30 5	23°12'23	8♏36	15°45	21°39	19°23	28°53	26°29	5°46	5°30	15°45	1° 3	1°55	18°56	21°55	S14
M15	17 34 1	24° 9'43	22°12	15°20	22°50	20° 7	28°47	26°31	5°46	5°33	15°R45	1° 0	1°52	19° 3	21°51	M15
T16	17 37 58	25° 7'01	5♏36	14°58	24° 2	20°51	28°41	26°33	5°47	5°35	15°45	0°55	1°49	19° 9	21°48	T16
W17	17 41 54	26° 4'18	18°48	14°40	25°13	21°35	28°35	26°36	5°47	5°37	15°45	0°47	1°46	19°16	21°45	W17
T18	17 45 51	27° 1'35	1♏47	14°25	26°25	22°19	28°29	26°38	5°47	5°39	15°45	0°37	1°43	19°23	21°42	T18
F19	17 49 48	27°58'51	14°35	14°15	27°37	23° 2	28°23	26°40	5°47	5°41	15°45	0°26	1°40	19°29	21°39	F19
S20	17 53 44	28°56'06	27° 9	14° 8	28°48	23°46	28°17	26°41	5°48	5°43	15°45	0°16	1°36	19°36	21°36	S20
S21	17 57 41	29°53'21	9♏31	14°D 7	29°59	24°30	28°12	26°43	5°48	5°45	15°45	0° 6	1°33	19°43	21°32	S21
M22	18 1 37	0♏50'35	21°42	14°10	1♏12	25°13	28° 6	26°45	5°49	5°47	15°44	29♏58	1°30	19°49	21°29	M22
T23	18 5 34	1°47'49	3♏42	14°17	2°23	25°57	28° 1	26°46	5°49	5°50	15°44	29°52	1°27	19°56	21°26	T23
W24	18 9 30	2°45'03	15°35	14°29	3°35	26°40	27°56	26°48	5°50	5°52	15°44	29°49	1°24	20° 3	21°22	W24
T25	18 13 27	3°42'17	27°23	14°46	4°47	27°24	27°51	26°49	5°50	5°54	15°44	29°D48	1°21	20° 9	21°19	T25
F26	18 17 23	4°39'30	9♏10	15° 8	5°59	28° 7	27°46	26°50	5°51	5°56	15°44	29°48	1°17	20°16	21°15	F26
S27	18 21 20	5°36'43	21° 2	15°34	7°11	28°50	27°41	26°52	5°52	5°58	15°43	29°49	1°14	20°23	21°12	S27
S28	18 25 17	6°33'56	3♏3	16° 5	8°23	29°33	27°36	26°53	5°52	6° 0	15°43	29°R50	1°11	20°29	21° 8	S28
M29	18 29 13	7°31'10	15°19	16°41	9°35	0♏16	27°32	26°54	5°53	6° 2	15°43	29°50	1° 8	20°36	21° 5	M29
T30	18 33 10	8♏28'23	27♏54	17♏21	10♏47	0♏59	27♏28	26♏54	5♏54	6♏4	15♏43	29♏48	1♏5	20♏43	21♏1	T30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
M 1	22n 3	0n12	2s54	22n29	0s43	11n46	1s56	2n22	1s37	19s15	1n 0	3s30	2s 1	1s39	0n43	19n35	1s35	18s22	13s51	10n39	10n32	14s18	14s23	7n15
T 2	22 11	4 18	3 44	22 10	1 0	12 9	1 55	2 40	1 38	19 13	1 0	3 29	2 1	1 39	0 43	19 35	1 35	18 22	13 52	10 41	10 33	14 17	14 23	7 16
W 3	22 19	8 18	4 24	21 52	1 17	12 33	1 55	2 57	1 38	19 12	1 0	3 28	2 1	1 39	0 43	19 35	1 35	18 22	13 52	10 44	10 35	14 16	14 23	7 16
T 4	22 26	12 2	4 50	21 33	1 35	12 56	1 54	3 14	1 38	19 11	1 0	3 27	2 1	1 39	0 43	19 36	1 35	18 22	13 52	10 47	10 36	14 15	14 23	7 17
F 5	22 32	15 13	5 1	21 13	1 52	13 19	1 53	3 32	1 38	19 9	0 59	3 26	2 2	1 39	0 43	19 36	1 35	18 23	13 53	10 51	10 37	14 13	14 23	7 17
S 6	22 39	17 36	4 55	20 54	2 9	13 41	1 53	3 49	1 38	19 8	0 59	3 25	2 2	1 38	0 43	19 36	1 35	18 23	13 53	10 55	10 38	14 12	14 23	7 17
S 7	22 45	18 56	4 29	20 35	2 26	14 3	1 52	4 6	1 38	19 7	0 59	3 24	2 2	1 38	0 43	19 37	1 35	18 23	13 54	10 59	10 39	14 11	14 23	7 18
M 8	22 50	19 3	3 46	20 17	2 42	14 25	1 51	4 23	1 38	19 5	0 59	3 23	2 2	1 38	0 43	19 37	1 35	18 23	13 54	11 2	10 40	14 10	14 23	7 18
T 9	22 56	17 53	2 48	19 59	2 57	14 47	1 50	4 40	1 38	19 4	0 59	3 22	2 3	1 38	0 43	19 38	1 35	18 24	13 54	11 4	10 41	14 8	14 23	7 19
W10	23 0	15 34	1 39	19 42	3 11	15 8	1 49	4 57	1 38	19 3	0 59	3 21	2 3	1 38	0 43	19 38	1 35	18 24	13 55	11 5	10 43	14 7	14 23	7 19
T11	23 5	12 17	0 24	19 26	3 24	15 29	1 48	5 14	1 38	19 1	0 58	3 20	2 3	1 38	0 43	19 38	1 35	18 24	13 55	11 6	10 44	14 6	14 24	7 19
F12	23 9	8 19	0n52	19 11	3 36	15 50	1 46	5 31	1 38	19 0	0 58	3 19	2 3	1 38	0 43	19 39	1 35	18 25	13 55	11 6	10 45	14 5	14 24	7 20
S13	23 12	3 57	2 3	18 57	3 47	16 10	1 45	5 47	1 38	18 59	0 58	3 18	2 4	1 38	0 43	19 39	1 35	18 25	13 56	11 5	10 46	14 4	14 24	7 20
S14	23 15	0s34	3 6	18 45	3 57	16 30	1 44	6 4	1 38	18 58	0 58	3 18	2 4	1 38	0 43	19 40	1 35	18 25	13 56	11 6	10 47	14 2	14 24	7 20
M15	23 18	4 58	3 57	18 34	4 5	16 49	1 42	6 21	1 38	18 56	0 58	3 17	2 4	1 38	0 43	19 40	1 35	18 25	13 56	11 7	10 48	14 1	14 24	7 21
T16	23 20	9 4	4 35	18 25	4 12	17 8	1 41	6 37	1 38	18 55	0 58	3 16	2 5	1 38	0 43	19 40	1 35	18 26	13 57	11 9	10 49	14 0	14 24	7 21
W17	23 22	12 39	4 57	18 17	4 17	17 27	1 39	6 54	1 38	18 54	0 57	3 16	2 5	1 39	0 43	19 41	1 35	18 26	13 57	11 12	10 51	13 59	14 24	7 21
T18	23 24	15 33	5 3	18 12	4 21	17 45	1 38	7 10	1 38	18 53	0 57	3 15	2 5	1 39	0 43	19 41	1 35	18 26	13 58	11 15	10 52	13 57	14 25	7 22
F19	23 25	17 40	4 55	18 8	4 24	18 3	1 36	7 26	1 38	18 52	0 57	3 15	2 5	1 39	0 43	19 41	1 35	18 27	13 58	11 19	10 53	13 56	14 25	7 22
S20	23 26	18 53	4 31	18 5	4 26	18 21	1 35	7 42	1 38	18 51	0 57	3 14	2 6	1 39	0 42	19 42	1 35	18 27	13 58	11 23	10 54	13 55	14 25	7 22
S21	23 26	19 10	3 56	18 5	4 26	18 38	1 33	7 59	1 38	18 50	0 57	3 14	2 6	1 39	0 42	19 42	1 35	18 28	13 59	11 26	10 55	13 54	14 25	7 22
M22	23 26	18 34	3 9	18 6	4 25	18 54	1 31	8 14	1 38	18 49	0 56	3 13	2 6	1 39	0 42	19 42	1 35	18 28	13 59	11 29	10 56	13 52	14 25	7 23
T23	23 25	17 7	2 15	18 10	4 23	19 10	1 29	8 30	1 37	18 48	0 56	3 13	2 6	1 40	0 42	19 43	1 35	18 28	13 59	11 31	10 57	13 51	14 26	7 23
W24	23 24	14 57	1 16	18 14	4 19	19 26	1 27	8 46	1 37	18 47	0 56	3 13	2 7	1 40	0 42	19 43	1 35	18 29	14 0	11 32	10 58	13 50	14 26	7 23
T25	23 23	12 10	0 13	18 20	4 15	19 41	1 25	9 2	1 37	18 46	0 56	3 12	2 7	1 40	0 42	19 43	1 35	18 29	14 0	11 32	11 0	13 49	14 26	7 23
F26	23 21	8 54	0s50	18 28	4 9	19 56	1 23	9 17	1 37	18 45	0 56	3 12	2 7	1 41	0 42	19 44	1 35	18 30	14 0	11 32	11 1	13 47	14 27	7 24
S27	23 19	5 16	1 52	18 37	4 3	20 10	1 21	9 33	1 37	18 44	0 55	3 12	2 7	1 41	0 42	19 44	1 35	18 30	14 1	11 32	11 2	13 46	14 27	7 24
S28	23 16	1 23	2 49	18 48	3 56	20 24	1 19	9 48	1 37	18 43	0 55	3 12	2 8	1 41	0 42	19 44	1 35	18 30	14 1	11 32	11 3	13 45	14 27	7 24
M29	23 13	2n38	3 40	18 59	3 48	20 37	1 17	10 3	1 36	18 43	0 55	3 12	2 8	1 42	0 42	19 45	1 35	18 31	14 1	11 32	11 4	13 43	14 28	7 24
T30	23n10	6n39	4s22	19n11	3s39	20n49	1s15	10n19	1s36	18s42	0n55	3s11	2s 8	1s42	0n42	19n45	1s35	18s31	14s 2	11n32	11n 5	13s42	14s28	7n24

ASTRODIENST EPHEMERIS for the year 2054
geocentric

JULY 2054

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	18 37 6	9 ⁵² 25'36	10 ⁸ 53	18 ^{II} 5	11 ^{II} 59	1 ⁸ 42	27°R24	26 [♈] 55	5 [♏] 55	6 ^{II} 6	15°R42	29°R44	1 [♐] 1	20 [♊] 49	20°R58	W 1
T 2	18 41 3	10°22'50	24°19	18°55	13°11	2°25	27 [♐] 20	26°56	5°56	6° 8	15 [♈] 42	29 [♏] 38	0°58	20°56	20 [♊] 54	T 2
F 3	18 44 59	11°20'04	8 ^{II} 11	19°48	14°23	3° 8	27°16	26°56	5°57	6° 9	15°41	29°31	0°55	21° 2	20°51	F 3
S 4	18 48 56	12°17'17	22°29	20°46	15°35	3°51	27°12	26°57	5°58	6°11	15°41	29°24	0°52	21° 9	20°47	S 4
S 5	18 52 52	13°14'31	7 [♏] 8	21°48	16°48	4°33	27° 9	26°57	5°59	6°13	15°41	29°17	0°49	21°16	20°43	S 5
M 6	18 56 49	14°11'45	22° 0	22°55	18° 0	5°16	27° 5	26°57	6° 0	6°15	15°40	29°12	0°46	21°22	20°40	M 6
T 7	19 0 46	15° 8'59	6 [♏] 58	24° 5	19°12	5°58	27° 2	26°58	6° 2	6°17	15°40	29° 8	0°42	21°29	20°36	T 7
W 8	19 4 42	16° 6'13	21°52	25°20	20°24	6°40	26°59	26°R58	6° 3	6°19	15°39	29° 6	0°39	21°36	20°33	W 8
T 9	19 8 39	17° 3'26	6 [♐] 36	26°39	21°37	7°23	26°57	26°57	6° 4	6°21	15°39	29°D 6	0°36	21°42	20°29	T 9
F 10	19 12 35	18° 0'40	21° 4	28° 1	22°49	8° 5	26°54	26°57	6° 6	6°22	15°38	29° 7	0°33	21°49	20°25	F 10
S 11	19 16 32	18°57'53	5 [♏] 14	29°28	24° 1	8°47	26°52	26°57	6° 7	6°24	15°37	29° 8	0°30	21°56	20°22	S 11
S 12	19 20 28	19°55'06	19° 4	0 [♏] 59	25°14	9°29	26°49	26°57	6° 9	6°26	15°37	29°R 9	0°27	22° 2	20°18	S 12
M13	19 24 25	20°52'19	2 [♐] 35	2°33	26°26	10°10	26°47	26°56	6°10	6°28	15°36	29° 8	0°23	22° 9	20°14	M13
T 14	19 28 21	21°49'32	15°48	4°11	27°39	10°52	26°45	26°56	6°12	6°29	15°36	29° 6	0°20	22°16	20°11	T 14
W15	19 32 18	22°46'45	28°45	5°52	28°51	11°34	26°44	26°55	6°13	6°31	15°35	29° 2	0°17	22°22	20° 7	W15
T 16	19 36 15	23°43'58	11 [♐] 27	7°37	0 [♏] 4	12°15	26°42	26°54	6°15	6°33	15°34	28°57	0°14	22°29	20° 3	T 16
F 17	19 40 11	24°41'11	23°57	9°26	1°16	12°56	26°41	26°53	6°17	6°34	15°34	28°52	0°11	22°36	20° 0	F 17
S 18	19 44 8	25°38'24	6 [♊] 15	11°17	2°29	13°38	26°40	26°52	6°19	6°36	15°33	28°46	0° 7	22°42	19°56	S 18
S 19	19 48 4	26°35'38	18°24	13°11	3°42	14°19	26°39	26°51	6°20	6°38	15°32	28°41	0° 4	22°49	19°52	S 19
M20	19 52 1	27°32'52	0 [♊] 24	15° 8	4°54	15° 0	26°38	26°50	6°22	6°39	15°31	28°37	0° 1	22°55	19°49	M20
T 21	19 55 57	28°30'07	12°17	17° 7	6° 7	15°41	26°37	26°49	6°24	6°41	15°31	28°34	29 [♏] 58	23° 2	19°45	T 21
W22	19 59 54	29°27'22	24° 6	19° 8	7°20	16°22	26°37	26°48	6°26	6°42	15°30	28°D33	29°55	23° 9	19°42	W22
T 23	20 3 51	0 [♏] 24'37	5 [♈] 53	21°11	8°33	17° 2	26°36	26°46	6°28	6°44	15°29	28°33	29°52	23°15	19°38	T 23
F 24	20 7 47	1°21'54	17°41	23°16	9°45	17°43	26°D36	26°45	6°30	6°45	15°28	28°34	29°48	23°22	19°34	F 24
S 25	20 11 44	2°19'11	29°34	25°21	10°58	18°24	26°36	26°43	6°32	6°47	15°27	28°36	29°45	23°29	19°31	S 25
S 26	20 15 40	3°16'29	11 [♐] 37	27°28	12°11	19° 4	26°37	26°41	6°34	6°48	15°27	28°37	29°42	23°35	19°27	S 26
M27	20 19 37	4°13'48	23°52	29°34	13°24	19°44	26°37	26°40	6°37	6°49	15°26	28°39	29°39	23°42	19°24	M27
T 28	20 23 33	5°11'07	6 [♊] 26	1 [♏] 41	14°37	20°24	26°38	26°38	6°39	6°51	15°25	28°R39	29°36	23°49	19°20	T 28
W29	20 27 30	6° 8'28	19°21	3°48	15°50	21° 4	26°39	26°36	6°41	6°52	15°24	28°38	29°33	23°55	19°17	W29
T 30	20 31 26	7° 5'50	2 [♐] 43	5°55	17° 3	21°44	26°40	26°33	6°43	6°54	15°23	28°37	29°29	24° 2	19°14	T 30
F 31	20 35 23	8 [♏] 3'13	16 ^{II} 31	8 [♏] 1	18 [♏] 16	22 [♊] 24	26 [♐] 41	26 [♈] 31	6 [♏] 46	6 ^{II} 55	15 [♈] 22	28 [♏] 35	29 [♏] 26	24 [♊] 9	19 [♊] 10	F 31

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
W 1	23n 6	10n28	4s52	19n25	3s30	21n 1	1s12	10n34	1s36	18s41	0n54	3s11	2s 8	1s42	0n42	19n45	1s35	18s32	14s 2	11n34	11n 6	13s41	14s28	7n25		
T 2	23 1	13 53	5 7	19 39	3 20	21 13	1 10	10 48	1 36	18 41	0 54	3 11	2 9	1 43	0 42	19 46	1 35	18 32	14 2	11 36	11 7	13 40	14 29	7 25		
F 3	22 57	16 39	5 5	19 54	3 9	21 24	1 8	11 3	1 36	18 40	0 54	3 11	2 9	1 43	0 42	19 46	1 35	18 33	14 3	11 38	11 9	13 38	14 29	7 25		
S 4	22 52	18 30	4 44	20 9	2 58	21 34	1 6	11 18	1 35	18 39	0 54	3 11	2 9	1 44	0 42	19 46	1 35	18 33	14 3	11 41	11 10	13 37	14 29	7 25		
S 5	22 46	19 11	4 4	20 24	2 47	21 44	1 3	11 32	1 35	18 39	0 53	3 12	2 10	1 44	0 42	19 47	1 35	18 34	14 3	11 43	11 11	13 36	14 30	7 25		
M 6	22 40	18 33	3 7	20 40	2 35	21 53	1 1	11 47	1 35	18 38	0 53	3 12	2 10	1 45	0 42	19 47	1 35	18 34	14 4	11 45	11 12	13 34	14 30	7 25		
T 7	22 34	16 38	1 57	20 55	2 23	22 1	0 58	12 1	1 35	18 38	0 53	3 12	2 10	1 45	0 42	19 47	1 35	18 35	14 4	11 46	11 13	13 33	14 31	7 25		
W 8	22 28	13 36	0 39	21 11	2 10	22 9	0 56	12 15	1 34	18 37	0 53	3 12	2 10	1 46	0 42	19 47	1 35	18 35	14 4	11 47	11 14	13 32	14 31	7 25		
T 9	22 21	9 43	0n41	21 26	1 57	22 17	0 53	12 29	1 34	18 37	0 53	3 12	2 11	1 46	0 42	19 48	1 35	18 36	14 5	11 47	11 15	13 31	14 32	7 25		
F 10	22 13	5 20	1 57	21 41	1 44	22 23	0 51	12 43	1 34	18 36	0 52	3 13	2 11	1 47	0 42	19 48	1 35	18 36	14 5	11 47	11 16	13 29	14 32	7 25		
S 11	22 5	0 44	3 4	21 55	1 31	22 29	0 48	12 57	1 33	18 36	0 52	3 13	2 11	1 48	0 42	19 48	1 35	18 37	14 5	11 46	11 18	13 28	14 33	7 25		
S 12	21 57	3s47	3 59	22 7	1 18	22 35	0 46	13 10	1 33	18 36	0 52	3 13	2 11	1 48	0 42	19 48	1 35	18 37	14 6	11 46	11 19	13 27	14 33	7 26		
M13	21 49	8 0	4 39	22 19	1 5	22 40	0 43	13 24	1 33	18 36	0 52	3 14	2 12	1 49	0 42	19 49	1 35	18 38	14 6	11 46	11 20	13 25	14 34	7 26		
T 14	21 40	11 43	5 3	22 30	0 52	22 44	0 41	13 37	1 32	18 35	0 51	3 14	2 12	1 50	0 41	19 49	1 35	18 38	14 6	11 47	11 21	13 24	14 34	7 26		
W15	21 30	14 48	5 11	22 39	0 39	22 48	0 38	13 50	1 32	18 35	0 51	3 15	2 12	1 50	0 41	19 49	1 35	18 39	14 7	11 48	11 22	13 23	14 35	7 26		
T 16	21 21	17 7	5 4	22 46	0 26	22 50	0 35	14 3	1 31	18 35	0 51	3 15	2 12	1 51	0 41	19 49	1 36	18 39	14 7	11 50	11 23	13 21	14 35	7 26		
F 17	21 11	18 35	4 42	22 52	0 14	22 53	0 33	14 16	1 31	18 35	0 51	3 16	2 13	1 52	0 41	19 50	1 36	18 40	14 7	11 52	11 24	13 20	14 36	7 26		
S 18	21 0	19 9	4 8	22 55	0 2	22 54	0 30	14 29	1 31	18 35	0 50	3 17	2 13	1 52	0 41	19 50	1 36	18 40	14 8	11 54	11 25	13 19	14 36	7 25		
S 19	20 50	18 50	3 22	22 57	0n10	22 55	0 27	14 42	1 30	18 35	0 50	3 17	2 13	1 53	0 41	19 50	1 36	18 41	14 8	11 56	11 27	13 17	14 37	7 25		
M20	20 39	17 39	2 28	22 55	0 21	22 56	0 25	14 54	1 30	18 35	0 50	3 18	2 14	1 54	0 41	19 50	1 36	18 41	14 8	11 57	11 28	13 16	14 37	7 25		
T 21	20 27	15 42	1 28	22 52	0 32	22 55	0 22	15 6	1 29	18 35	0 50	3 19	2 14	1 55	0 41	19 51	1 36	18 42	14 8	11 58	11 29	13 15	14 38	7 25		
W22	20 15	13 6	0 24	22 46	0 42	22 54	0 20	15 18	1 29	18 35	0 49	3 19	2 14	1 55	0 41	19 51	1 36	18 43	14 9	11 58	11 30	13 13	14 38	7 25		
T 23	20 3	9 58	0s40	22 37	0 52	22 52	0 17	15 30	1 28	18 35	0 49	3 20	2 14	1 56	0 41	19 51	1 36	18 43	14 9	11 58	11 31	13 12	14 39	7 25		
F 24	19 51	6 27	1 43	22 25	1 0	22 50	0 14	15 42	1 28	18 36	0 49	3 21	2 15	1 57	0 41	19 51	1 36	18 44	14 9	11 58	11 32	13 11	14 40	7 25		
S 25	19 38	2 39	2 43	22 11	1 8	22 47	0 12	15 54	1 27	18 36	0 49	3 22	2 15	1 58	0 41	19 51	1 36	18 44	14 10	11 57	11 33	13 9	14 40	7 25		
S 26	19 25	1n17	3 35	21 54	1 16	22 43	0 9	16 5	1 27	18 36	0 49	3 23	2 15	1 59	0 41	19 52	1 36	18 45	14 10	11 57	11 34	13 8	14 41	7 25		
M27	19 12	5 14	4 20	21 34	1 22	22 39	0 6	16 17	1 26	18 37	0 48	3 24	2 15	2 0	0 41	19 52	1 36	18 45	14 10	11 57	11 35	13 7	14 41	7 25		
T 28	18 58	9 3	4 52	21 12	1 28	22 34	0 4	16 28	1 26	18 37	0 48	3 25	2 16	2 1	0 41	19 52	1 36	18 46	14 10	11 56	11 37	13 5	14 42	7 24		
W29	18 44	12 33	5 12	20 48	1 33	22 28	0 1	16 39	1 25	18 37	0 48	3 26	2 16	2 2	0 41	19 52	1 36	18 47	14 11	11 57	11 38	13 4	14 43	7 24		
T 30	18 29	15 33	5 15	20 21	1 37	22 22	0n 2	16 50	1 24	18 38	0 48	3 27	2 16	2 3	0 41	19 52	1 36	18 47	14 11	11 57	11 39	13 3	14 43	7 24		
F 31	18n15	17n46	5s 0	19n52	1n40	22n15	0n 4	17n 1	1s24	18s38	0n47	3s28	2s16	2s 4	0n41	19n53	1s36	18s48	14s11	11n58	11n40	13s 1	14s44	7n24		

ASTRODIENST EPHEMERIS for the year 2054
geocentric

AUGUST 2054

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 39 19	9♌ 0'37	0♌47	10♌ 6	19♌29	23♌ 4	26♌42	26°R29	6♌48	6♌56	15°R21	28°R32	29♌23	24♌15	19°R 7	S 1
S 2	20 43 16	9°58'02	15°27	12°10	20°43	23°43	26°44	26♌27	6°51	6°57	15♌20	28♌30	29°20	24°22	19♌ 4	S 2
M 3	20 47 13	10°55'28	0♌25	14°13	21°56	24°22	26°46	26°24	6°53	6°59	15°19	28°28	29°17	24°29	19° 0	M 3
T 4	20 51 9	11°52'55	15°33	16°15	23° 9	25° 1	26°47	26°22	6°56	7° 0	15°18	28°26	29°13	24°35	18°57	T 4
W 5	20 55 6	12°50'23	0♌42	18°16	24°22	25°40	26°50	26°19	6°58	7° 1	15°17	28°D26	29°10	24°42	18°54	W 5
T 6	20 59 2	13°47'51	15°43	20°15	25°36	26°19	26°52	26°16	7° 1	7° 2	15°16	28°27	29° 7	24°48	18°51	T 6
F 7	21 2 59	14°45'20	0♌28	22°13	26°49	26°58	26°54	26°14	7° 3	7° 3	15°15	28°28	29° 4	24°55	18°48	F 7
S 8	21 6 55	15°42'50	14°52	24° 9	28° 2	27°37	26°57	26°11	7° 6	7° 4	15°14	28°29	29° 1	25° 2	18°45	S 8
S 9	21 10 52	16°40'21	28°51	26° 4	29°16	28°15	27° 0	26° 8	7° 9	7° 5	15°13	28°29	28°58	25° 8	18°42	S 9
M10	21 14 48	17°37'53	12♌26	27°57	0♌29	28°53	27° 3	26° 5	7°12	7° 6	15°12	28°R30	28°54	25°15	18°39	M10
T 11	21 18 45	18°35'25	25°38	29°49	1°43	29°31	27° 6	26° 2	7°14	7° 7	15°11	28°30	28°51	25°22	18°36	T 11
W12	21 22 42	19°32'59	8♌29	1♌39	2°56	0♌ 9	27° 9	25°58	7°17	7° 8	15°10	28°29	28°48	25°28	18°33	W12
T 13	21 26 38	20°30'33	21° 1	3°28	4°10	0°47	27°13	25°55	7°20	7° 9	15° 9	28°29	28°45	25°35	18°30	T 13
F 14	21 30 35	21°28'08	3♌19	5°15	5°23	1°25	27°16	25°52	7°23	7°10	15° 8	28°28	28°42	25°42	18°27	F 14
S 15	21 34 31	22°25'44	15°26	7° 1	6°37	2° 2	27°20	25°48	7°26	7°11	15° 6	28°27	28°39	25°48	18°24	S 15
S 16	21 38 28	23°23'21	27°24	8°45	7°50	2°39	27°24	25°45	7°29	7°12	15° 5	28°26	28°35	25°55	18°22	S 16
M17	21 42 24	24°21'00	9♌16	10°28	9° 4	3°16	27°28	25°41	7°32	7°12	15° 4	28°26	28°32	26° 2	18°19	M17
T 18	21 46 21	25°18'39	21° 5	12°10	10°18	3°53	27°33	25°38	7°35	7°13	15° 3	28°25	28°29	26° 8	18°16	T 18
W19	21 50 17	26°16'20	2♌53	13°49	11°31	4°30	27°37	25°34	7°38	7°14	15° 2	28°D25	28°26	26°15	18°14	W19
T 20	21 54 14	27°14'02	14°42	15°28	12°45	5° 7	27°42	25°30	7°41	7°15	15° 1	28°26	28°23	26°21	18°11	T 20
F 21	21 58 11	28°11'45	26°34	17° 5	13°59	5°43	27°46	25°27	7°44	7°15	15° 0	28°R26	28°19	26°28	18° 9	F 21
S 22	22 2 7	29° 9'30	8♌33	18°41	15°13	6°19	27°51	25°23	7°47	7°16	14°58	28°26	28°16	26°35	18° 7	S 22
S 23	22 6 4	0♌ 7'17	20°40	20°15	16°27	6°55	27°56	25°19	7°50	7°17	14°57	28°25	28°13	26°41	18° 4	S 23
M24	22 10 0	1° 5'05	3♌ 0	21°47	17°41	7°31	28° 2	25°15	7°53	7°17	14°56	28°25	28°10	26°48	18° 2	M24
T 25	22 13 57	2° 2'55	15°35	23°19	18°55	8° 7	28° 7	25°11	7°57	7°18	14°55	28°25	28° 7	26°55	18° 0	T 25
W26	22 17 53	3° 0'46	28°29	24°49	20° 8	8°42	28°13	25° 7	8° 0	7°18	14°54	28°D25	28° 4	27° 1	17°58	W26
T 27	22 21 50	3°58'40	11♌44	26°17	21°22	9°17	28°18	25° 3	8° 3	7°19	14°52	28°25	28° 0	27° 8	17°56	T 27
F 28	22 25 46	4°56'35	25°24	27°44	22°37	9°52	28°24	24°58	8° 6	7°19	14°51	28°25	27°57	27°15	17°54	F 28
S 29	22 29 43	5°54'32	9♌29	29°10	23°51	10°27	28°30	24°54	8°10	7°20	14°50	28°26	27°54	27°21	17°52	S 29
S 30	22 33 40	6°52'31	23°57	0♌34	25° 5	11° 2	28°37	24°50	8°13	7°20	14°49	28°26	27°51	27°28	17°50	S 30
M31	22 37 36	7♌50'32	8♌47	1♌57	26♌19	11♌36	28♌43	24♌46	8♌17	7♌20	14♌47	28♌27	27♌48	27♌35	17♌48	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	18n 0	18n58	4s27	19n22	1n43	22n 8	0n 7	17n11	1s23	18s39	0n47	3s29	2s16	2s 5	0n41	19n53	1s36	18s48	14s11	11n59	11n41	13s 0	14s44	7n24	
S 2	17 45	18 58	3 36	18 49	1 45	21 59	0 9	17 22	1 23	18 39	0 47	3 30	2 17	2 6	0 41	19 53	1 36	18 49	14 12	12 0	11 42	12 58	14 45	7 24	
M 3	17 29	17 38	2 29	18 15	1 46	21 50	0 12	17 32	1 22	18 40	0 47	3 31	2 17	2 7	0 41	19 53	1 36	18 50	14 12	12 0	11 43	12 57	14 46	7 23	
T 4	17 13	15 2	1 11	17 39	1 46	21 41	0 14	17 42	1 21	18 41	0 46	3 33	2 17	2 8	0 41	19 53	1 36	18 50	14 12	12 1	11 44	12 56	14 46	7 23	
W 5	16 57	11 25	0n13	17 2	1 46	21 31	0 17	17 52	1 21	18 41	0 46	3 34	2 17	2 9	0 41	19 53	1 36	18 51	14 12	12 1	11 45	12 54	14 47	7 23	
T 6	16 41	7 5	1 34	16 24	1 45	21 20	0 19	18 2	1 20	18 42	0 46	3 35	2 18	2 10	0 41	19 54	1 36	18 51	14 12	12 1	11 47	12 53	14 48	7 23	
F 7	16 24	2 23	2 48	15 44	1 44	21 9	0 22	18 11	1 19	18 43	0 46	3 36	2 18	2 11	0 41	19 54	1 36	18 52	14 13	12 0	11 48	12 52	14 48	7 22	
S 8	16 7	2s19	3 50	15 4	1 41	20 57	0 24	18 20	1 19	18 44	0 45	3 38	2 18	2 12	0 41	19 54	1 36	18 53	14 13	12 0	11 49	12 50	14 49	7 22	
S 9	15 50	6 45	4 36	14 22	1 39	20 44	0 27	18 30	1 18	18 45	0 45	3 39	2 18	2 13	0 41	19 54	1 36	18 53	14 13	12 0	11 50	12 49	14 50	7 22	
M10	15 33	10 43	5 5	13 40	1 36	20 31	0 29	18 39	1 17	18 46	0 45	3 41	2 18	2 14	0 40	19 54	1 37	18 54	14 13	12 0	11 51	12 47	14 50	7 22	
T 11	15 15	14 1	5 17	12 58	1 32	20 17	0 31	18 48	1 16	18 47	0 45	3 42	2 19	2 15	0 40	19 54	1 37	18 54	14 13	12 0	11 52	12 46	14 51	7 21	
W12	14 57	16 34	5 13	12 15	1 28	20 3	0 34	18 56	1 16	18 48	0 45	3 43	2 19	2 16	0 40	19 54	1 37	18 55	14 14	12 0	11 53	12 45	14 52	7 21	
T 13	14 39	18 15	4 53	11 31	1 23	19 48	0 36	19 5	1 15	18 49	0 44	3 45	2 19	2 17	0 40	19 54	1 37	18 56	14 14	12 0	11 54	12 43	14 52	7 21	
F 14	14 20	19 3	4 21	10 48	1 18	19 32	0 38	19 13	1 14	18 50	0 44	3 46	2 19	2 19	0 40	19 54	1 37	18 56	14 14	12 0	11 55	12 42	14 53	7 20	
S 15	14 2	18 57	3 37	10 3	1 13	19 16	0 40	19 22	1 13	18 51	0 44	3 48	2 19	2 20	0 40	19 55	1 37	18 57	14 14	12 1	11 57	12 40	14 54	7 20	
S 16	13 43	17 59	2 44	9 19	1 7	18 59	0 43	19 30	1 13	18 52	0 44	3 50	2 20	2 21	0 40	19 55	1 37	18 57	14 14	12 1	11 58	12 39	14 54	7 20	
M17	13 24	16 15	1 45	8 35	1 1	18 42	0 45	19 38	1 12	18 53	0 43	3 51	2 20	2 22	0 40	19 55	1 37	18 58	14 14	12 1	11 59	12 38	14 55	7 19	
T 18	13 5	13 49	0 41	7 50	0 55	18 24	0 47	19 45	1 11	18 54	0 43	3 53	2 20	2 23	0 40	19 55	1 37	18 59	14 15	12 1	12 0	12 36	14 56	7 19	
W19	12 45	10 50	0s25	7 6	0 48	18 6	0 49	19 53	1 10	18 55	0 43	3 54	2 20	2 25	0 40	19 55	1 37	18 59	14 15	12 1	12 1	12 35	14 56	7 19	
T 20	12 26	7 24	1 29	6 22	0 41	17 47	0 51	20 1	1 9	18 57	0 43	3 56	2 20	2 26	0 40	19 55	1 37	19 0	14 15	12 1	12 2	12 33	14 57	7 18	
F 21	12 6	3 40	2 30	5 37	0 34	17 28	0 53	20 8	1 8	18 58	0 43	3 58	2 21	2 27	0 40	19 55	1 37	19 0	14 15	12 1	12 3	12 32	14 58	7 18	
S 22	11 46	0n15	3 25	4 53	0 27	17 8	0 55	20 15	1 7	18 59	0 42	3 59	2 21	2 28	0 40	19 55	1 37	19 1	14 15	12 1	12 4	12 30	14 59	7 18	
S 23	11 25	4 11	4 12	4 9	0 19	16 48	0 57	20 22	1 6	19 1	0 42	4 1	2 21	2 30	0 40	19 55	1 37	19 2	14 15	12 1	12 5	12 29	14 59	7 17	
M24	11 5	8 0	4 47	3 26	0 11	16 27	0 58	20 29	1 6	19 2	0 42	4 3	2 21	2 31	0 40	19 55	1 37	19 2	14 15	12 1	12 6	12 28	15 0	7 17	
T 25	10 44	11 33	5 10	2 42	0 3	16 6	1 0	20 35	1 5	19 3	0 42	4 4	2 21	2 32	0 40	19 55	1 37	19 3	14 16	12 1	12 8	12 26	15 1	7 16	
W26	10 24	14 39	5 18	1 59	0s 5	15 44	1 2	20 42	1 4	19 5	0 41	4 6	2 21	2 34	0 40	19 55	1 37	19 3	14 16	12 1	12 9	12 25	15 1	7 16	
T 27	10 3	17 5	5 9	1 16	0 13	15 22	1 3	20 48	1 3	19 6	0 41	4 8	2 21	2 35	0 40	19 55	1 37	19 4	14 16	12 1	12 10	12 23	15 2	7 16	
F 28	9 42	18 38	4 43	0 34	0 21	15 0	1 5	20 54	1 2	19 8	0 41	4 10	2 22	2 36	0 40	19 55	1 37	19 4	14 16	12 1	12 11	12 22	15 3	7 15	
S 29	9 20	19 6	4 0	0s 8	0 30	14 37	1 7	21 0	1 1	19 9	0 41	4 12	2 22	2 37	0 40	19 55	1 37	19 5	14 16	12 1	12 12	12 20	15 3	7 15	
S 30	8 59	18 21	3 0	0 49	0 39	14 14	1 8	21 6	1 0	19 11	0 41	4 13	2 22	2 39	0 40	19 55	1 38	19 5	14 16	12 1	12 13	12 19	15 4	7 14	
M31	8n38	16n20	1s47	1s30	0s47	13n50	1n 9	21n12	0s59	19s13	0n40	4s15	2s22	2s40	0n40	19n55	1s38	19s 6	14s16	12n 1	12n14	12s17	15s 5	7n14	

ASTRODIENST EPHEMERIS for the year 2054

geocentric

SEPTEMBER 2054

00:00 UT

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

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	8n16	13n10	0s26	2s10	0s56	13n26	1n11	21n17	0s58	19s14	0n40	4s17	2s22	2s42	0n40	19n55
W 2	7 54	9 5	0n58	2 50	1 5	13 1	1 12	21 23	0 56	19 16	0 40	4 19	2 22	2 43	0 40	19 55
T 3	7 32	4 27	2 18	3 29	1 14	12 36	1 13	21 28	0 55	19 17	0 40	4 21	2 22	2 44	0 40	19 55
F 4	7 10	0s25	3 27	4 7	1 22	12 11	1 15	21 33	0 54	19 19	0 40	4 23	2 22	2 46	0 40	19 55
S 5	6 48	5 8	4 20	4 45	1 31	11 46	1 16	21 38	0 53	19 21	0 39	4 24	2 23	2 47	0 40	19 55
S 6	6 26	9 25	4 57	5 21	1 40	11 20	1 17	21 43	0 52	19 23	0 39	4 26	2 23	2 48	0 40	19 55
M 7	6 3	13 4	5 14	5 57	1 49	10 53	1 18	21 48	0 51	19 24	0 39	4 28	2 23	2 50	0 40	19 55
T 8	5 41	15 56	5 15	6 32	1 58	10 27	1 19	21 52	0 50	19 26	0 39	4 30	2 23	2 51	0 40	19 55
W 9	5 18	17 54	4 59	7 7	2 6	10 0	1 20	21 57	0 48	19 28	0 39	4 32	2 23	2 53	0 40	19 55
T 10	4 55	18 57	4 29	7 40	2 15	9 33	1 21	22 1	0 47	19 30	0 38	4 34	2 23	2 54	0 40	19 55
F 11	4 33	19 4	3 48	8 12	2 23	9 6	1 21	22 5	0 46	19 32	0 38	4 36	2 23	2 56	0 40	19 55
S 12	4 10	18 20	2 57	8 42	2 32	8 38	1 22	22 10	0 45	19 33	0 38	4 38	2 23	2 57	0 40	19 55
S 13	3 47	16 46	1 59	9 12	2 40	8 10	1 23	22 13	0 43	19 35	0 38	4 40	2 23	2 58	0 40	19 55
M14	3 24	14 31	0 57	9 40	2 48	7 42	1 23	22 17	0 42	19 37	0 38	4 41	2 23	3 0	0 40	19 55
T 15	3 1	11 39	0s 8	10 7	2 55	7 14	1 24	22 21	0 41	19 39	0 37	4 43	2 23	3 1	0 40	19 55
W16	2 38	8 18	1 12	10 32	3 3	6 46	1 24	22 25	0 40	19 41	0 37	4 45	2 23	3 3	0 40	19 55
T 17	2 15	4 36	2 14	10 56	3 10	6 17	1 25	22 28	0 38	19 43	0 37	4 47	2 23	3 4	0 40	19 55
F 18	1 52	0 42	3 10	11 18	3 16	5 48	1 25	22 31	0 37	19 45	0 37	4 49	2 23	3 6	0 40	19 55
S 19	1 28	3n17	3 58	11 38	3 23	5 19	1 25	22 35	0 35	19 47	0 37	4 51	2 24	3 7	0 40	19 54
S 20	1 5	7 11	4 36	11 56	3 28	4 50	1 25	22 38	0 34	19 49	0 37	4 53	2 24	3 9	0 40	19 54
M21	0 42	10 49	5 1	12 11	3 34	4 20	1 26	22 41	0 33	19 51	0 36	4 54	2 24	3 10	0 40	19 54
T 22	0 18	14 2	5 12	12 24	3 38	3 51	1 26	22 44	0 31	19 53	0 36	4 56	2 24	3 12	0 40	19 54
W23	0s 5	16 37	5 8	12 35	3 42	3 21	1 26	22 47	0 30	19 55	0 36	4 58	2 24	3 13	0 40	19 54
T 24	0 28	18 24	4 47	12 43	3 45	2 52	1 25	22 50	0 28	19 57	0 36	5 0	2 24	3 15	0 40	19 54
F 25	0 52	19 11	4 9	12 47	3 47	2 22	1 25	22 52	0 27	19 59	0 36	5 2	2 24	3 16	0 40	19 54
S 26	1 15	18 50	3 17	12 48	3 49	1 52	1 25	22 55	0 25	20 1	0 36	5 4	2 24	3 18	0 40	19 54
S 27	1 38	17 18	2 11	12 46	3 49	1 22	1 25	22 57	0 24	20 3	0 35	5 5	2 24	3 19	0 40	19 53
M28	2 2	14 38	0 56	12 39	3 47	0 52	1 25	23 0	0 22	20 5	0 35	5 7	2 24	3 20	0 40	19 53
T 29	2 25	10 58	0n24	12 29	3 45	0 22	1 24	23 2	0 20	20 7	0 35	5 9	2 24	3 22	0 40	19 53
W30	2s48	6n34	1n44	12s14	3s40	0s 8	1n24	23n 5	0s19	20s10	0n35	5s11	2s24	3s23	0n40	19n53

Julian Day Number = 2471511.5, Delta T = 75.97 sec

Ecliptic obliquity = 23°25'48, Nutation = - 0°00'08, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 25°30'14, Lahiri = 24°37'15

ASTRODIENST EPHEMERIS for the year 2054
geocentric

OCTOBER 2054

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	0 39 49	8♌ 2°57	2♌21	22°R 6	4♌49	27♏ 2	3♌ 4	22°R25	10♌10	7°R14	14°R10	27°R54	26♏ 9	1♏ 0	17♌30	T 1
F 2	0 43 46	9° 1°57	17°12	21♌23	6° 4	27°26	3°14	22♏21	10°13	7♏14	14♏ 9	27♏49	26° 6	1° 7	17°31	F 2
S 3	0 47 42	10° 0°59	1♏48	20°32	7°19	27°50	3°24	22°16	10°17	7°13	14° 7	27°43	26° 3	1°14	17°32	S 3
S 4	0 51 39	11° 0°02	16° 3	19°36	8°34	28°13	3°34	22°12	10°21	7°12	14° 6	27°36	26° 0	1°20	17°32	S 4
M 5	0 55 35	11°59°08	29°51	18°33	9°49	28°36	3°45	22° 8	10°25	7°11	14° 5	27°29	25°56	1°27	17°33	M 5
T 6	0 59 32	12°58°16	13♌13	17°27	11° 4	28°59	3°56	22° 4	10°28	7°11	14° 4	27°24	25°53	1°34	17°34	T 6
W 7	1 3 29	13°57°25	26° 8	16°17	12°19	29°21	4° 6	22° 0	10°32	7°10	14° 3	27°20	25°50	1°40	17°35	W 7
T 8	1 7 25	14°56°37	8♌40	15° 7	13°34	29°42	4°17	21°56	10°36	7° 9	14° 2	27°18	25°47	1°47	17°36	T 8
F 9	1 11 22	15°55°50	20°53	13°58	14°49	0♌ 4	4°28	21°51	10°40	7° 8	14° 1	27°D18	25°44	1°54	17°38	F 9
S 10	1 15 18	16°55°05	2♌53	12°51	16° 4	0°24	4°39	21°48	10°44	7° 7	14° 0	27°19	25°41	2° 0	17°39	S 10
S 11	1 19 15	17°54°21	14°43	11°49	17°19	0°44	4°50	21°44	10°47	7° 6	13°59	27°21	25°37	2° 7	17°40	S 11
M12	1 23 11	18°53°39	26°30	10°54	18°34	1° 4	5° 1	21°40	10°51	7° 5	13°58	27°R21	25°34	2°14	17°42	M12
T 13	1 27 8	19°52°59	8♏19	10° 6	19°49	1°23	5°12	21°36	10°55	7° 4	13°57	27°21	25°31	2°20	17°43	T 13
W14	1 31 4	20°52°21	20°12	9°28	21° 4	1°41	5°23	21°32	10°59	7° 3	13°56	27°18	25°28	2°27	17°45	W14
T 15	1 35 1	21°51°45	2♏14	9° 0	22°19	1°59	5°35	21°29	11° 2	7° 2	13°55	27°13	25°25	2°34	17°46	T 15
F 16	1 38 57	22°51°11	14°26	8°43	23°34	2°17	5°46	21°25	11° 6	7° 1	13°54	27° 5	25°21	2°40	17°48	F 16
S 17	1 42 54	23°50°39	26°50	8°D37	24°49	2°34	5°58	21°21	11°10	7° 0	13°53	26°56	25°18	2°47	17°50	S 17
S 18	1 46 51	24°50°09	9♌27	8°42	26° 4	2°50	6° 9	21°18	11°14	6°59	13°52	26°45	25°15	2°53	17°52	S 18
M19	1 50 47	25°49°41	22°17	8°57	27°19	3° 6	6°21	21°15	11°17	6°57	13°52	26°34	25°12	3° 0	17°54	M19
T 20	1 54 44	26°49°15	5♏18	9°23	28°34	3°21	6°33	21°11	11°21	6°56	13°51	26°25	25° 9	3° 7	17°56	T 20
W21	1 58 40	27°48°51	18°32	9°59	29°49	3°35	6°44	21° 8	11°25	6°55	13°50	26°17	25° 6	3°13	17°58	W21
T 22	2 2 37	28°48°30	1♌57	10°43	1♏ 4	3°49	6°56	21° 5	11°28	6°54	13°49	26°11	25° 2	3°20	18° 0	T 22
F 23	2 6 33	29°48°11	15°33	11°35	2°19	4° 2	7° 8	21° 2	11°32	6°53	13°48	26° 8	24°59	3°27	18° 2	F 23
S 24	2 10 30	0♏47°54	29°22	12°35	3°34	4°15	7°20	20°59	11°36	6°51	13°48	26°D 7	24°56	3°33	18° 5	S 24
S 25	2 14 26	1°47°40	13♏23	13°41	4°49	4°27	7°32	20°56	11°39	6°50	13°47	26° 7	24°53	3°40	18° 7	S 25
M26	2 18 23	2°47°27	27°36	14°52	6° 5	4°38	7°44	20°53	11°43	6°49	13°46	26°R 8	24°50	3°47	18° 9	M26
T 27	2 22 20	3°47°17	11♏59	16° 8	7°20	4°48	7°57	20°50	11°46	6°47	13°45	26° 7	24°47	3°53	18°12	T 27
W28	2 26 16	4°47°09	26°30	17°28	8°35	4°58	8° 9	20°47	11°50	6°46	13°45	26° 4	24°43	4° 0	18°15	W28
T 29	2 30 13	5°47°04	11♌ 5	18°52	9°50	5° 7	8°21	20°45	11°54	6°45	13°44	25°58	24°40	4° 7	18°17	T 29
F 30	2 34 9	6°47°00	25°37	20°19	11° 5	5°15	8°34	20°42	11°57	6°43	13°43	25°49	24°37	4°13	18°20	F 30
S 31	2 38 6	7♏46°58	9♏59	21♌48	12♏20	5♌23	8♌46	20♏40	12♌ 1	6♏42	13♏43	25♏38	24♏34	4♏20	18♌23	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	decl	lat	decl	lat	decl	lat
T 1	3s11	1n45	2n56	11s55	3s34	0s39	1n23	23n 7	0s17	20s12	0n35	5s12	2s24	3s25	0n40	19n53	1s39	19s20	14s15	12n12	12n48	11s31	15s22	6n58											
F 2	3 35	3s 7	3 56	11 32	3 27	1 9	1 23	23 9	0 15	20 14	0 35	5 14	2 23	3 26	0 40	19 53	1 39	19 21	14 15	12 14	12 49	11 30	15 23	6 58											
S 3	3 58	7 44	4 39	11 4	3 17	1 39	1 22	23 11	0 14	20 16	0 34	5 16	2 23	3 28	0 40	19 53	1 39	19 21	14 15	12 16	12 50	11 28	15 23	6 57											
S 4	4 21	11 47	5 3	10 32	3 6	2 9	1 21	23 13	0 12	20 18	0 34	5 17	2 23	3 29	0 40	19 52	1 39	19 21	14 15	12 18	12 51	11 27	15 24	6 57											
M 5	4 44	15 5	5 9	9 56	2 52	2 39	1 20	23 15	0 10	20 20	0 34	5 19	2 23	3 31	0 39	19 52	1 39	19 22	14 15	12 20	12 52	11 25	15 24	6 56											
T 6	5 7	17 27	4 58	9 16	2 37	3 9	1 20	23 17	0 8	20 22	0 34	5 21	2 23	3 32	0 39	19 52	1 39	19 22	14 15	12 22	12 53	11 24	15 24	6 56											
W 7	5 30	18 51	4 31	8 34	2 21	3 39	1 19	23 19	0 6	20 24	0 34	5 22	2 23	3 34	0 39	19 52	1 39	19 22	14 15	12 24	12 54	11 22	15 25	6 55											
T 8	5 53	19 17	3 53	7 50	2 2	4 9	1 18	23 21	0 5	20 27	0 34	5 24	2 23	3 35	0 39	19 52	1 39	19 22	14 15	12 24	12 55	11 20	15 25	6 54											
F 9	6 16	18 46	3 4	7 5	1 43	4 39	1 17	23 23	0 3	20 29	0 33	5 25	2 23	3 37	0 39	19 51	1 39	19 23	14 14	12 24	12 56	11 19	15 26	6 54											
S 10	6 39	17 25	2 8	6 21	1 23	5 9	1 16	23 25	0 1	20 31	0 33	5 27	2 23	3 38	0 39	19 51	1 39	19 23	14 14	12 24	12 57	11 17	15 26	6 53											
S 11	7 1	15 20	1 8	5 38	1 2	5 39	1 15	23 27	0n 1	20 33	0 33	5 28	2 23	3 40	0 39	19 51	1 40	19 23	14 14	12 23	12 58	11 16	15 26	6 53											
M12	7 24	12 36	0 5	4 57	0 42	6 8	1 13	23 29	0 3	20 35	0 33	5 30	2 23	3 41	0 39	19 51	1 40	19 23	14 14	12 23	13 0	11 14	15 27	6 52											
T 13	7 46	9 21	0s59	4 20	0 22	6 38	1 12	23 30	0 5	20 37	0 33	5 31	2 23	3 43	0 39	19 51	1 40	19 24	14 14	12 23	13 1	11 13	15 27	6 52											
W14	8 9	5 43	2 0	3 47	0 2	7 7	1 11	23 32	0 7	20 39	0 33	5 32	2 23	3 44	0 39	19 50	1 40	19 24	14 14	12 24	13 2	11 11	15 27	6 51											
T 15	8 31	1 48	2 56	3 19	0n16	7 36	1 9	23 34	0 9	20 42	0 33	5 34	2 23	3 46	0 39	19 50	1 40	19 24	14 13	12 26	13 3	11 9	15 28	6 51											
F 16	8 53	2n14	3 45	2 56	0 34	8 6	1 8	23 36	0 11	20 44	0 32	5 35	2 23	3 47	0 39	19 50	1 40	19 24	14 13	12 29	13 4	11 8	15 28	6 50											
S 17	9 15	6 14	4 24	2 39	0 50	8 34	1 7	23 38	0 13	20 46	0 32	5 36	2 22	3 49	0 40	19 50	1 40	19 25	14 13	12 32	13 5	11 6	15 28	6 50											
S 18	9 37	10 2	4 51	2 28	1 4	9 3	1 5	23 39	0 15	20 48	0 32	5 38	2 22	3 50	0 40	19 50	1 40	19 25	14 13	12 36	13 6	11 5	15 28	6 49											
M19	9 59	13 26	5 3	2 22	1 17	9 32	1 3	23 41	0 18	20 50	0 32	5 39	2 22	3 51	0 40	19 49	1 40	19 25	14 13	12 39	13 7	11 3	15 29	6 49											
T 20	10 20	16 15	5 1	2 22	1 28	10 0	1 2	23 43	0 20	20 52	0 32	5 40	2 22	3 53	0 40	19 49	1 40	19 25	14 12	12 43	13 8	11 2	15 29	6 48											
W21	10 42	18 15	4 42	2 27	1 38	10 28	1 0	23 45	0 22	20 54	0 32	5 41	2 22	3 54	0 40	19 49	1 40	19 25	14 12	12 45	13 9	11 0	15 29	6 48											
T 22	11 3	19 17	4 8	2 37	1 46	10 56	0 59	23 47	0 24	20 56	0 32	5 42	2 22	3 56	0 40	19 49	1 40	19 25	14 12	12 47	13 10	10 58	15 29	6 47											
F 23	11 24	19 14	3 19	2 51	1 53	11 23	0 57	23 49	0 27	20 59	0 31	5 44	2 22	3 57	0 40	19 48	1 40	19 25	14 12	12 48	13 11	10 57	15 30	6 47											
S 24	11 45	18 2	2 18	3 9	1 58	11 50	0 55	23 51	0 29	21 1	0 31	5 45	2 22	3 59	0 40	19 48	1 40	19 26	14 12	12 48	13 12	10 55	15 30	6 46											
S 25	12 6	15 43	1 7	3 31	2 2	12 17	0 53	23 53	0 31	21 3	0 31	5 46	2 21	4 0	0 40	19 48	1 40	19 26	14 11	12 48	13 13	10 54	15 30	6 46											
M26	12 26	12 26	0n 8	3 56	2 5	12 44	0 51	23 55	0 34	21 5	0 31	5 47	2 21	4 1	0 40	19 48	1 40	19 26	14 11	12 48	13 14	10 52	15 30	6 45											
T 27	12 47	8 21	1 23	4 24	2 6	13 10	0 49	23 57	0 36	21 7	0 31	5 48	2 21	4 3	0 40	19 47	1 40	19 26	14 11	12 49	13 16	10 50	15 30	6 45											
W28	13 7	3 45	2 34	4 54	2 7	13 37	0 47	23 59	0 39	21 9	0 31	5 49	2 21	4 4	0 40	19 47	1 40	19 26	14 11	12 50	13 17	10 49	15 31	6 44											
T 29	13 27	1s 5	3 35	5 27	2 6	14 2	0 45	24 1	0 41	21 11	0 31	5 49	2 21	4 6	0 40	19 47	1 40	19 26	14 10	12 52	13 18	10 47	15 31	6 44											
F 30	13 46	5 50	4 21	6 0	2 5	14 28	0 43	24 3	0 44	21 13	0 31	5 50	2 21	4 7	0 40	19 47	1 40	19 26	14 10	12 55	13 19	10 46	15 31	6 43											
S 31	14s 6	10s12	4n51	6s35	2n 3	14s53	0n41	24n 5	0n46	21s15	0n30	5s51	2s21	4s 8	0n40	19n46	1s40	19s26	14s10	12n58	13n20	10s44	15s31	6n43											

ASTRODIENST EPHEMERIS for the year 2054

geocentric

NOVEMBER 2054

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 42 2	8♐46°59	24♐ 5	23♐19	13♐36	5♐29	8♐58	20°R38	12♐ 4	6°R40	13°R42	25°R26	24♐31	4♐26	18♐26	S 1
M 2	2 45 59	9°47'01	7♐49	24°52	14°51	5°35	9°11	20°H35	12° 8	6♐39	13°H41	25°Ω15	24°27	4°33	18°29	M 2
T 3	2 49 55	10°47'05	21°10	26°26	16° 6	5°40	9°24	20°33	12°11	6°37	13°41	25° 5	24°24	4°40	18°32	T 3
W 4	2 53 52	11°47'10	4♐ 6	28° 1	17°21	5°45	9°36	20°31	12°15	6°36	13°40	24°57	24°21	4°46	18°35	W 4
T 5	2 57 49	12°47'17	16°40	29°37	18°36	5°48	9°49	20°29	12°18	6°34	13°40	24°52	24°18	4°53	18°38	T 5
F 6	3 1 45	13°47'26	28°54	1♐14	19°51	5°51	10° 2	20°27	12°21	6°33	13°39	24°49	24°15	5° 0	18°41	F 6
S 7	3 5 42	14°47'37	10♐54	2°51	21° 7	5°53	10°14	20°26	12°25	6°31	13°39	24°D48	24°12	5° 6	18°44	S 7
S 8	3 9 38	15°47'48	22°45	4°28	22°22	5°54	10°27	20°24	12°28	6°30	13°38	24°R48	24° 8	5°13	18°48	S 8
M 9	3 13 35	16°48'02	4♐33	6° 5	23°37	5°R54	10°40	20°23	12°31	6°28	13°38	24°48	24° 5	5°20	18°51	M 9
T 10	3 17 31	17°48'16	16°22	7°43	24°52	5°54	10°53	20°21	12°35	6°27	13°37	24°46	24° 2	5°26	18°54	T 10
W11	3 21 28	18°48'33	28°19	9°20	26° 7	5°52	11° 6	20°20	12°38	6°25	13°37	24°42	23°59	5°33	18°58	W11
T 12	3 25 24	19°48'50	10♐27	10°57	27°23	5°50	11°19	20°18	12°41	6°23	13°36	24°36	23°56	5°40	19° 1	T 12
F 13	3 29 21	20°49'10	22°49	12°35	28°38	5°47	11°32	20°17	12°44	6°22	13°36	24°26	23°52	5°46	19° 5	F 13
S 14	3 33 18	21°49'31	5♐28	14°12	29°53	5°43	11°45	20°16	12°47	6°20	13°36	24°14	23°49	5°53	19° 9	S 14
S 15	3 37 14	22°49'53	18°23	15°49	1♐ 8	5°38	11°58	20°15	12°51	6°18	13°35	24° 1	23°46	6° 0	19°12	S 15
M16	3 41 11	23°50'17	1♐34	17°26	2°24	5°32	12°11	20°15	12°54	6°17	13°35	23°47	23°43	6° 6	19°16	M16
T 17	3 45 7	24°50'43	15° 0	19° 2	3°39	5°25	12°24	20°14	12°57	6°15	13°35	23°35	23°40	6°13	19°20	T 17
W18	3 49 4	25°51'11	28°37	20°38	4°54	5°18	12°38	20°13	13° 0	6°14	13°35	23°25	23°37	6°20	19°24	W18
T 19	3 53 0	26°51'40	12♐23	22°15	6° 9	5° 9	12°51	20°13	13° 3	6°12	13°34	23°17	23°33	6°26	19°28	T 19
F 20	3 56 57	27°52'11	26°16	23°51	7°24	5° 0	13° 4	20°12	13° 6	6°10	13°34	23°13	23°30	6°33	19°32	F 20
S 21	4 0 53	28°52'44	10♐13	25°26	8°40	4°50	13°17	20°12	13° 9	6° 8	13°34	23°11	23°27	6°39	19°36	S 21
S 22	4 4 50	29°53'18	24°14	27° 2	9°55	4°39	13°31	20°12	13°12	6° 7	13°34	23°10	23°24	6°46	19°40	S 22
M23	4 8 47	0♐53'55	8♐19	28°37	11°10	4°27	13°44	20°D12	13°15	6° 5	13°34	23°10	23°21	6°53	19°44	M23
T 24	4 12 43	1°54'33	22°27	0♐12	12°25	4°14	13°57	20°12	13°17	6° 3	13°34	23° 9	23°18	6°59	19°49	T 24
W25	4 16 40	2°55'13	6♐35	1°47	13°40	4° 1	14°11	20°12	13°20	6° 2	13°34	23° 6	23°14	7° 6	19°53	W25
T 26	4 20 36	3°55'54	20°44	3°22	14°56	3°47	14°24	20°12	13°23	6° 0	13°34	22°59	23°11	7°13	19°57	T 26
F 27	4 24 33	4°56'37	4♐48	4°56	16°11	3°31	14°37	20°12	13°26	5°58	13°D34	22°50	23° 8	7°19	20° 2	F 27
S 28	4 28 29	5°57'22	18°45	6°31	17°26	3°15	14°51	20°13	13°28	5°57	13°34	22°39	23° 5	7°26	20° 6	S 28
S 29	4 32 26	6°58'08	2♐29	8° 5	18°41	2°59	15° 4	20°13	13°31	5°55	13°34	22°26	23° 2	7°33	20°10	S 29
M30	4 36 22	7♐58'55	15♐58	9♐39	19♐57	2♐41	15♐18	20°H14	13°Ω34	5♐53	13°H34	22°Ω13	22°Ω58	7♐39	20°Ω15	M30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	14s25	13s54	5n 2	7s12	2n 0	15s17	0n39	24n 8	0n49	21s17	0n30	5s52	2s20	4s10	0n40	19n46
M 2	14 44	16 45	4 55	7 49	1 57	15 42	0 37	24 10	0 51	21 19	0 30	5 53	2 20	4 11	0 40	19 46
T 3	15 3	18 37	4 32	8 26	1 53	16 6	0 35	24 12	0 54	21 21	0 30	5 53	2 20	4 12	0 40	19 46
W 4	15 22	19 27	3 55	9 4	1 49	16 29	0 33	24 15	0 57	21 23	0 30	5 54	2 20	4 14	0 40	19 45
T 5	15 40	19 17	3 8	9 42	1 44	16 52	0 30	24 17	0 59	21 25	0 30	5 55	2 20	4 15	0 40	19 45
F 6	15 58	18 12	2 13	10 21	1 39	17 15	0 28	24 20	1 2	21 27	0 30	5 55	2 20	4 16	0 40	19 45
S 7	16 16	16 19	1 13	10 59	1 34	17 37	0 26	24 23	1 5	21 29	0 30	5 56	2 19	4 18	0 40	19 45
S 8	16 34	13 45	0 11	11 37	1 28	17 58	0 24	24 26	1 8	21 31	0 30	5 56	2 19	4 19	0 40	19 44
M 9	16 51	10 38	0s52	12 15	1 22	18 20	0 21	24 28	1 10	21 33	0 29	5 57	2 19	4 20	0 40	19 44
T 10	17 8	7 5	1 52	12 53	1 16	18 40	0 19	24 31	1 13	21 35	0 29	5 57	2 19	4 21	0 40	19 44
W11	17 25	3 14	2 48	13 30	1 10	19 0	0 17	24 34	1 16	21 37	0 29	5 57	2 19	4 23	0 40	19 43
T 12	17 41	0n49	3 37	14 6	1 3	19 20	0 14	24 37	1 19	21 39	0 29	5 58	2 19	4 24	0 40	19 43
F 13	17 57	4 54	4 16	14 42	0 57	19 39	0 12	24 40	1 22	21 41	0 29	5 58	2 18	4 25	0 40	19 43
S 14	18 13	8 52	4 44	15 18	0 50	19 58	0 10	24 43	1 25	21 43	0 29	5 58	2 18	4 26	0 40	19 43
S 15	18 28	12 30	4 59	15 52	0 43	20 16	0 7	24 47	1 28	21 44	0 29	5 58	2 18	4 28	0 40	19 42
M16	18 44	15 37	4 57	16 26	0 37	20 33	0 5	24 50	1 31	21 46	0 29	5 59	2 18	4 29	0 40	19 42
T 17	18 58	17 57	4 40	17 0	0 30	20 50	0 2	24 53	1 34	21 48	0 29	5 59	2 18	4 30	0 40	19 42
W18	19 13	19 49	4 6	17 32	0 23	21 6	0s 0	24 56	1 37	21 50	0 28	5 59	2 18	4 31	0 40	19 41
T 19	19 27	19 34	3 18	18 4	0 16	21 22	0 3	25 0	1 40	21 52	0 28	5 59	2 17	4 32	0 40	19 41
F 20	19 41	18 39	2 17	18 34	0 9	21 37	0 5	25 3	1 43	21 53	0 28	5 59	2 17	4 33	0 40	19 41
S 21	19 54	16 35	1 8	19 4	0 3	21 52	0 7	25 7	1 46	21 55	0 28	5 59	2 17	4 34	0 40	19 41
S 22	20 7	13 32	0n 6	19 33	0s 4	22 5	0 10	25 10	1 49	21 57	0 28	5 59	2 17	4 36	0 40	19 40
M23	20 20	9 40	1 19	20 1	0 11	22 19	0 12	25 13	1 52	21 59	0 28	5 59	2 17	4 37	0 40	19 40
T 24	20 32	5 16	2 28	20 28	0 18	22 31	0 15	25 17	1 55	22 0	0 28	5 58	2 16	4 38	0 40	19 40
W25	20 44	0 34	3 28	20 54	0 24	22 43	0 17	25 20	1 58	22 2	0 28	5 58	2 16	4 39	0 40	19 39
T 26	20 56	4s 9	4 15	21 19	0 31	22 54	0 20	25 24	2 1	22 4	0 28	5 58	2 16	4 40	0 40	19 39
F 27	21 7	8 37	4 47	21 43	0 37	23 5	0 22	25 27	2 4	22 5	0 28	5 58	2 16	4 41	0 40	19 39
S 28	21 18	12 35	5 0	22 6	0 43	23 15	0 24	25 31	2 7	22 7	0 27	5 57	2 16	4 42	0 40	19 39
S 29	21 28	15 48	4 57	22 28	0 50	23 24	0 27	25 34	2 10	22 9	0 27	5 57	2 15	4 43	0 40	19 38
M30	21s38	18s 7	4n36	22s48	0s56	23s32	0s29	25n37	2n13	22s10	0n27	5s56	2s15	4s44	0n40	19n38

Julian Day Number = 2471572.5, Delta T = 76.02 sec
 Ecliptic obliquity = 23°25'48, Nutation = - 0°00'12, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 25°30'23, Lahiri = 24°37'23

ASTRODIENST EPHEMERIS for the year 2054
geocentric

DECEMBER 2054

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 40 19	8♂59'43	29♂ 7	11♂14	21♂12	2°R23	15♂31	20♂15	13♂36	5°R52	13♂34	22°R 2	22♂55	7♂46	20♂19	T 1
W 2	4 44 16	10° 0'33	11♂57	12°48	22°27	2♂ 5	15°45	20°16	13°39	5♂50	13°34	21♂54	22°52	7°53	20°24	W 2
T 3	4 48 12	11° 1'24	24°27	14°22	23°42	1°45	15°58	20°17	13°41	5°48	13°34	21°47	22°49	7°59	20°29	T 3
F 4	4 52 9	12° 2'15	6♂41	15°56	24°58	1°25	16°12	20°18	13°44	5°46	13°34	21°44	22°46	8° 6	20°33	F 4
S 5	4 56 5	13° 3'08	18°41	17°29	26°13	1° 5	16°25	20°19	13°46	5°45	13°34	21°D43	22°43	8°13	20°38	S 5
S 6	5 0 2	14° 4'01	0♂32	19° 3	27°28	0°44	16°39	20°20	13°48	5°43	13°35	21°43	22°39	8°19	20°43	S 6
M 7	5 3 58	15° 4'55	12°20	20°37	28°43	0°23	16°53	20°22	13°51	5°41	13°35	21°R44	22°36	8°26	20°48	M 7
T 8	5 7 55	16° 5'50	24°10	22°11	29°59	0° 1	17° 6	20°23	13°53	5°40	13°35	21°43	22°33	8°32	20°52	T 8
W 9	5 11 51	17° 6'46	6♂ 7	23°45	1♂14	29♂38	17°20	20°25	13°55	5°38	13°35	21°41	22°30	8°39	20°57	W 9
T 10	5 15 48	18° 7'42	18°17	25°19	2°29	29°16	17°33	20°27	13°57	5°36	13°36	21°37	22°27	8°46	21° 2	T 10
F 11	5 19 45	19° 8'39	0♂43	26°53	3°44	28°53	17°47	20°28	13°59	5°35	13°36	21°30	22°24	8°52	21° 7	F 11
S 12	5 23 41	20° 9'37	13°30	28°27	4°59	28°30	18° 0	20°30	14° 1	5°33	13°36	21°21	22°20	8°59	21°12	S 12
S 13	5 27 38	21°10'35	26°38	0♂ 1	6°15	28° 7	18°14	20°32	14° 3	5°32	13°37	21°11	22°17	9° 6	21°17	S 13
M14	5 31 34	22°11'34	10♂ 7	1°35	7°30	27°43	18°27	20°35	14° 5	5°30	13°37	21° 0	22°14	9°12	21°22	M14
T 15	5 35 31	23°12'34	23°55	3° 9	8°45	27°20	18°41	20°37	14° 7	5°28	13°38	20°50	22°11	9°19	21°27	T 15
W16	5 39 27	24°13'35	7♂58	4°43	10° 0	26°56	18°54	20°39	14° 9	5°27	13°38	20°42	22° 8	9°26	21°32	W16
T 17	5 43 24	25°14'36	22°12	6°17	11°15	26°33	19° 8	20°42	14°11	5°25	13°39	20°36	22° 4	9°32	21°37	T 17
F 18	5 47 21	26°15'39	6♂31	7°51	12°30	26° 9	19°22	20°44	14°13	5°24	13°39	20°33	22° 1	9°39	21°42	F 18
S 19	5 51 17	27°16'42	20°50	9°25	13°46	25°46	19°35	20°47	14°14	5°22	13°40	20°D32	21°58	9°46	21°47	S 19
S 20	5 55 14	28°17'46	5♂ 7	10°58	15° 1	25°23	19°49	20°50	14°16	5°20	13°40	20°33	21°55	9°52	21°53	S 20
M21	5 59 10	29°18'51	19°18	12°32	16°16	25° 0	20° 2	20°52	14°18	5°19	13°41	20°34	21°52	9°59	21°58	M21
T 22	6 3 7	0♂19'56	3♂23	14° 5	17°31	24°37	20°15	20°55	14°19	5°17	13°41	20°R34	21°49	10° 6	22° 3	T 22
W23	6 7 3	1°21'03	17°21	15°38	18°46	24°15	20°29	20°58	14°21	5°16	13°42	20°33	21°45	10°12	22° 8	W23
T 24	6 11 0	2°22'10	1♂10	17°10	20° 1	23°53	20°42	21° 1	14°22	5°14	13°43	20°29	21°42	10°19	22°14	T 24
F 25	6 14 56	3°23'18	14°50	18°42	21°16	23°31	20°56	21° 5	14°24	5°13	13°43	20°24	21°39	10°26	22°19	F 25
S 26	6 18 53	4°24'26	28°19	20°14	22°31	23°10	21° 9	21° 8	14°25	5°12	13°44	20°16	21°36	10°32	22°24	S 26
S 27	6 22 50	5°25'35	11♂37	21°44	23°47	22°49	21°23	21°11	14°26	5°10	13°45	20° 8	21°33	10°39	22°30	S 27
M28	6 26 46	6°26'45	24°42	23°13	25° 2	22°28	21°36	21°15	14°28	5° 9	13°46	20° 0	21°30	10°46	22°35	M28
T 29	6 30 43	7°27'55	7♂32	24°41	26°17	22° 9	21°49	21°19	14°29	5° 7	13°46	19°53	21°26	10°52	22°40	T 29
W30	6 34 39	8°29'05	20° 7	26° 8	27°32	21°49	22° 3	21°22	14°30	5° 6	13°47	19°47	21°23	10°59	22°46	W30
T 31	6 38 36	9♂30'16	2♂28	27♂32	28♂47	21♂31	22♂16	21♂26	14♂31	5♂ 5	13♂48	19♂43	21♂20	11♂ 6	22♂51	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	21s47	19s24	4n 1	23s 8	1s 2	23s40	0s32	25n41	2n16	22s12	0n27	5s56	2s15	4s45	0n40	19n38
W 2	21 57	19 40	3 15	23 26	1 7	23 47	0 34	25 44	2 19	22 13	0 27	5 55	2 15	4 46	0 40	19 37
T 3	22 5	18 56	2 20	23 43	1 13	23 53	0 36	25 47	2 22	22 15	0 27	5 55	2 15	4 47	0 40	19 37
F 4	22 14	17 19	1 19	23 59	1 18	23 59	0 39	25 50	2 25	22 16	0 27	5 54	2 14	4 48	0 40	19 37
S 5	22 21	14 58	0 16	24 14	1 24	24 3	0 41	25 53	2 28	22 18	0 27	5 53	2 14	4 49	0 40	19 37
S 6	22 29	12 1	0s47	24 27	1 29	24 7	0 43	25 56	2 30	22 19	0 27	5 53	2 14	4 49	0 40	19 36
M 7	22 36	8 35	1 48	24 39	1 34	24 11	0 45	25 59	2 33	22 20	0 27	5 52	2 14	4 50	0 40	19 36
T 8	22 42	4 50	2 44	24 50	1 38	24 13	0 47	26 1	2 36	22 22	0 27	5 51	2 14	4 51	0 40	19 36
W 9	22 48	0 51	3 34	25 0	1 43	24 15	0 50	26 4	2 38	22 23	0 26	5 50	2 13	4 52	0 40	19 35
T 10	22 54	3n14	4 15	25 8	1 47	24 16	0 52	26 6	2 41	22 25	0 26	5 50	2 13	4 53	0 40	19 35
F 11	22 59	7 16	4 45	25 15	1 51	24 17	0 54	26 9	2 43	22 26	0 26	5 49	2 13	4 54	0 40	19 35
S 12	23 4	11 5	5 2	25 20	1 55	24 16	0 56	26 11	2 45	22 27	0 26	5 48	2 13	4 54	0 40	19 35
S 13	23 8	14 29	5 3	25 24	1 58	24 15	0 58	26 13	2 48	22 29	0 26	5 47	2 13	4 55	0 41	19 34
M14	23 12	17 13	4 48	25 27	2 1	24 13	1 0	26 15	2 50	22 30	0 26	5 46	2 12	4 56	0 41	19 34
T 15	23 15	19 2	4 16	25 28	2 4	24 10	1 2	26 16	2 52	22 31	0 26	5 45	2 12	4 57	0 41	19 34
W16	23 18	19 44	3 28	25 27	2 7	24 7	1 4	26 18	2 54	22 32	0 26	5 44	2 12	4 57	0 41	19 34
T 17	23 21	19 12	2 26	25 26	2 9	24 3	1 6	26 19	2 56	22 33	0 26	5 42	2 12	4 58	0 41	19 33
F 18	23 23	17 26	1 15	25 22	2 11	23 58	1 8	26 20	2 58	22 35	0 26	5 41	2 12	4 59	0 41	19 33
S 19	23 24	14 34	0n 2	25 18	2 12	23 52	1 9	26 21	3 0	22 36	0 26	5 40	2 11	4 59	0 41	19 33
S 20	23 25	10 50	1 18	25 11	2 13	23 46	1 11	26 22	3 2	22 37	0 26	5 39	2 11	5 0	0 41	19 33
M21	23 26	6 31	2 29	25 4	2 14	23 39	1 13	26 23	3 3	22 38	0 26	5 37	2 11	5 0	0 41	19 32
T 22	23 26	1 52	3 30	24 54	2 14	23 31	1 15	26 24	3 5	22 39	0 25	5 36	2 11	5 1	0 41	19 32
W23	23 25	2s50	4 18	24 43	2 13	23 22	1 16	26 24	3 6	22 40	0 25	5 35	2 11	5 2	0 41	19 32
T 24	23 25	7 19	4 51	24 31	2 13	23 13	1 18	26 25	3 7	22 41	0 25	5 33	2 11	5 2	0 41	19 32
F 25	23 23	11 23	5 7	24 17	2 11	23 3	1 19	26 25	3 9	22 42	0 25	5 32	2 10	5 3	0 41	19 31
S 26	23 21	14 49	5 5	24 2	2 9	22 53	1 21	26 25	3 10	22 43	0 25	5 30	2 10	5 3	0 41	19 31
S 27	23 19	17 26	4 47	23 45	2 6	22 41	1 22	26 25	3 11	22 44	0 25	5 29	2 10	5 4	0 41	19 31
M28	23 16	19 6	4 14	23 27	2 3	22 29	1 23	26 25	3 12	22 45	0 25	5 27	2 10	5 4	0 41	19 31
T 29	23 13	19 45	3 29	23 8	1 59	22 16	1 25	26 24	3 13	22 46	0 25	5 26	2 10	5 5	0 41	19 31
W30	23 10	19 23	2 34	22 47	1 54	22 3	1 26	26 24	3 14	22 47	0 25	5 24	2 9	5 5	0 41	19 30
T 31	23s 5	18s 6	1n32	22s25	1s49	21s49	1s27	26n23	3n14	22s47	0n25	5s23	2s 9	5s 5	0n41	19n30

Julian Day Number = 2471602.5, Delta T = 76.05 sec
Ecliptic obliquity = 23°25'48, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°30'27, Lahiri = 24°37'27