



Astrodienst Ephemeris Tables for the year 2053

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 2053
geocentric

JANUARY 2053

00:00 UT

Day	Sid.t	☉	☾	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	6 44 28	11°1'35	18°8'27	7°3'11	23°4'1	5°8'16	2°3'32	29°0'0	5°6'1	0°2'28	11°20'0	29°R31	29°56'56	19°55'55	7°3'29	W 1
T 2	6 48 24	12°2'43	3°11'12	8°4'7	24°19'5	5°3'36	2°4'40	29°5'5	5°7'7	0°2'27	11°21'0	29°24'24	29°53'53	20°2'2	7°35'35	T 2
F 3	6 52 21	13°3'51	18°1'17	10°22'22	25°34'4	5°5'57	2°4'48	29°11'11	5°7'7	0°2'26	11°22'0	29°14'14	29°50'50	20°8'8	7°41'41	F 3
S 4	6 56 17	14°4'58	3°32'32	11°58'8	26°50'0	6°1'18	2°55'55	29°17'17	5°7'7	0°2'24	11°23'0	29°3'3	29°47'47	20°15'15	7°48'48	S 4
S 5	7 0 14	15°6'06	18°4'47	13°35'5	28°5'5	6°3'39	3°3'3	29°23'23	5°7'7	0°2'23	11°24'0	28°52'52	29°44'44	20°22'22	7°54'54	S 5
M 6	7 4 10	16°7'14	3°50'50	15°11'11	29°20'0	7°1'1	3°11'11	29°29'29	5°8'8	0°2'22	11°25'0	28°42'42	29°41'41	20°29'29	8°0'0	M 6
T 7	7 8 7	17°8'21	18°3'31	16°48'8	0°35'35	7°2'23	3°18'18	29°35'35	5°8'8	0°2'21	11°26'0	28°34'34	29°37'37	20°35'35	8°6'6	T 7
W 8	7 12 3	18°9'29	2°45'45	18°26'6	1°51'1	7°4'46	3°25'25	29°41'41	5°8'8	0°2'20	11°27'0	28°29'29	29°34'34	20°42'42	8°12'12	W 8
T 9	7 16 0	19°10'37	16°29'9	20°4'4	3°6'6	8°9'9	3°32'32	29°47'47	5°R 8'8	0°19'19	11°28'0	28°26'26	29°31'31	20°49'49	8°19'19	T 9
F 10	7 19 57	20°11'44	29°43'3	21°42'42	4°21'1	8°3'32	3°39'39	29°53'53	5°8'8	0°18'18	11°29'0	28°D26'26	29°28'28	20°55'55	8°25'25	F 10
S 11	7 23 53	21°12'52	12°32'32	23°21'1	5°37'7	8°5'56	3°46'46	29°59'59	5°8'8	0°17'17	11°30'0	28°26'26	29°25'25	21°2'2	8°31'31	S 11
S 12	7 27 50	22°14'00	24°59'9	25°0'0	6°52'2	9°2'20	3°53'53	0°6'6	5°8'8	0°16'16	11°31'0	28°R26'26	29°21'21	21°9'9	8°37'37	S 12
M13	7 31 46	23°15'08	7°10'10	26°40'0	8°7'7	9°4'44	3°59'59	0°12'12	5°7'7	0°15'15	11°33'0	28°25'25	29°18'18	21°16'16	8°43'43	M13
T 14	7 35 43	24°16'15	19°9'9	28°20'0	9°22'2	10°9'9	4°6'6	0°18'18	5°7'7	0°15'15	11°34'0	28°22'22	29°15'15	21°22'22	8°49'49	T 14
W15	7 39 39	25°17'23	1°1'1	0°1'1	10°38'8	10°33'3	4°12'12	0°25'25	5°7'7	0°14'14	11°35'0	28°16'16	29°12'12	21°29'29	8°55'55	W15
T 16	7 43 36	26°18'30	12°52'2	1°4'4	11°53'3	10°59'9	4°18'18	0°31'31	5°6'6	0°13'13	11°36'0	28°8'8	29°9'9	21°36'36	9°1'1	T 16
F 17	7 47 32	27°19'37	24°43'3	3°23'3	13°8'8	11°24'4	4°24'24	0°37'37	5°6'6	0°12'12	11°37'0	27°57'57	29°6'6	21°43'43	9°7'7	F 17
S 18	7 51 29	28°20'44	6°38'38	5°5'5	14°24'4	11°50'0	4°30'30	0°44'44	5°5'5	0°11'11	11°39'0	27°45'45	29°2'2	21°49'49	9°13'13	S 18
S 19	7 55 26	29°21'50	18°38'8	6°47'7	15°39'9	12°16'16	4°35'35	0°51'51	5°5'5	0°11'11	11°40'0	27°33'33	28°59'59	21°56'56	9°19'19	S 19
M20	7 59 22	0°22'56	0°45'45	8°29'9	16°54'4	12°42'2	4°41'41	0°57'57	5°4'4	0°10'10	11°41'0	27°22'22	28°56'56	22°3'3	9°25'25	M20
T 21	8 3 19	1°24'01	13°0'0	10°12'12	18°10'0	13°9'9	4°46'46	1°4'4	5°4'4	0°9'9	11°42'0	27°12'12	28°53'53	22°9'9	9°31'31	T 21
W22	8 7 15	2°25'06	25°23'3	11°54'4	19°25'5	13°35'5	4°51'51	1°10'10	5°3'3	0°9'9	11°44'0	27°5'5	28°50'50	22°16'16	9°37'37	W22
T 23	8 11 12	3°26'09	7°56'56	13°37'7	20°40'0	14°2'2	4°56'56	1°17'17	5°2'2	0°8'8	11°45'0	27°1'1	28°46'46	22°23'23	9°43'43	T 23
F 24	8 15 8	4°27'12	20°40'0	15°20'0	21°55'5	14°30'0	5°1'1	1°24'24	5°1'1	0°8'8	11°46'0	26°59'59	28°43'43	22°30'30	9°49'49	F 24
S 25	8 19 5	5°28'14	3°36'36	17°3'3	23°11'1	14°57'7	5°6'6	1°31'31	5°1'1	0°7'7	11°48'0	26°D59'59	28°40'40	22°36'36	9°55'55	S 25
S 26	8 23 1	6°29'14	16°47'7	18°45'5	24°26'6	15°25'5	5°10'10	1°38'38	5°0'0	0°7'7	11°49'0	27°0'0	28°37'37	22°43'43	10°0'0	S 26
M27	8 26 58	7°30'14	0°16'16	20°26'6	25°41'1	15°53'3	5°14'14	1°44'44	4°59'59	0°6'6	11°50'0	27°1'1	28°34'34	22°50'50	10°6'6	M27
T 28	8 30 55	8°31'12	14°3'3	22°7'7	26°56'6	16°21'1	5°18'18	1°51'51	4°58'58	0°6'6	11°52'0	27°R 1'1	28°31'31	22°56'56	10°12'12	T 28
W29	8 34 51	9°32'09	28°10'0	23°47'7	28°12'2	16°50'0	5°22'22	1°58'58	4°57'57	0°5'5	11°53'0	26°59'59	28°27'27	23°3'3	10°17'17	W29
T 30	8 38 48	10°33'05	12°35'5	25°26'6	29°27'7	17°18'8	5°26'26	2°5'5	4°55'55	0°5'5	11°55'0	26°56'56	28°24'24	23°10'10	10°23'23	T 30
F 31	8 42 44	11°34'00	27°16'6	27°3'3	0°42'42	17°47'7	5°30'30	2°12'12	4°54'54	0°11'11	11°56'0	26°50'50	28°21'21	23°17'17	10°29'29	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	22s58	13n40	3s48	24s41	1s27	22s45	0n30	14n27	1n15	11s12	1n13	13s12	1s29	1s21	0n44	18n34	1s43
T 2	22 53	16 22	4 31	24 40	1 32	22 51	0 27	14 34	1 16	11 15	1 13	13 10	1 29	1 21	0 45	18 34	1 43
F 3	22 47	18 0	4 56	24 38	1 36	22 56	0 25	14 42	1 17	11 18	1 13	13 8	1 28	1 21	0 45	18 34	1 42
S 4	22 41	18 23	5 0	24 34	1 41	23 1	0 22	14 50	1 18	11 20	1 13	13 6	1 28	1 21	0 45	18 33	1 42
S 5	22 34	17 26	4 43	24 28	1 45	23 5	0 20	14 58	1 19	11 23	1 13	13 4	1 28	1 21	0 45	18 33	1 42
M 6	22 27	15 17	4 7	24 21	1 48	23 8	0 17	15 6	1 19	11 25	1 14	13 2	1 28	1 21	0 45	18 33	1 42
T 7	22 20	12 11	3 15	24 13	1 51	23 11	0 15	15 14	1 20	11 27	1 14	13 0	1 28	1 21	0 45	18 33	1 42
W 8	22 12	8 26	2 12	24 3	1 54	23 13	0 12	15 22	1 21	11 30	1 14	12 57	1 28	1 21	0 45	18 33	1 42
T 9	22 4	4 22	1 3	23 52	1 57	23 14	0 10	15 31	1 22	11 32	1 14	12 55	1 28	1 21	0 45	18 33	1 42
F 10	21 55	0 13	0n 7	23 39	2 0	23 14	0 7	15 39	1 23	11 34	1 14	12 53	1 28	1 21	0 45	18 32	1 42
S 11	21 45	3s49	1 14	23 25	2 2	23 14	0 5	15 47	1 23	11 36	1 14	12 51	1 28	1 21	0 45	18 32	1 42
S 12	21 36	7 33	2 16	23 9	2 3	23 13	0 2	15 55	1 24	11 38	1 15	12 49	1 28	1 21	0 45	18 32	1 42
M13	21 26	10 53	3 11	22 51	2 5	23 11	0s 0	16 4	1 25	11 40	1 15	12 46	1 28	1 21	0 45	18 32	1 42
T 14	21 15	13 43	3 56	22 32	2 6	23 9	0 3	16 12	1 25	11 42	1 15	12 44	1 28	1 21	0 45	18 32	1 42
W15	21 4	15 57	4 30	22 12	2 6	23 6	0 5	16 21	1 26	11 44	1 15	12 42	1 28	1 21	0 45	18 32	1 42
T 16	20 53	17 29	4 53	21 50	2 6	23 2	0 8	16 29	1 27	11 46	1 15	12 39	1 28	1 20	0 45	18 32	1 42
F 17	20 41	18 17	5 3	21 26	2 6	22 57	0 10	16 38	1 27	11 48	1 16	12 37	1 28	1 20	0 45	18 32	1 42
S 18	20 29	18 16	5 0	21 1	2 5	22 52	0 13	16 46	1 28	11 49	1 16	12 35	1 28	1 20	0 45	18 31	1 42
S 19	20 17	17 27	4 43	20 34	2 4	22 46	0 15	16 55	1 28	11 51	1 16	12 32	1 28	1 20	0 45	18 31	1 42
M20	20 4	15 51	4 14	20 6	2 2	22 39	0 18	17 3	1 29	11 53	1 16	12 30	1 28	1 19	0 45	18 31	1 42
T 21	19 50	13 30	3 33	19 36	2 0	22 32	0 20	17 12	1 29	11 54	1 16	12 28	1 28	1 19	0 45	18 31	1 42
W22	19 37	10 32	2 41	19 5	1 57	22 24	0 23	17 20	1 30	11 56	1 17	12 25	1 28	1 19	0 45	18 31	1 41
T 23	19 23	7 2	1 40	18 32	1 54	22 15	0 25	17 29	1 30	11 57	1 17	12 23	1 28	1 18	0 45	18 31	1 41
F 24	19 8	3 11	0 34	17 58	1 49	22 6	0 27	17 38	1 31	11 59	1 17	12 21	1 28	1 18	0 45	18 31	1 41
S 25	18 54	0n53	0s36	17 23	1 45	21 56	0 30	17 46	1 31	12 0	1 17	12 18	1 28	1 18	0 45	18 31	1 41
S 26	18 39	4 59	1 45	16 46	1 39	21 45	0 32	17 55	1 32	12 1	1 17	12 16	1 28	1 17	0 45	18 31	1 41
M27	18 23	8 55	2 49	16 9	1 33	21 33	0 34	18 3	1 32	12 3	1 18	12 13	1 28	1 17	0 45	18 31	1 41
T 28	18 8	12 27	3 46	15 30	1 27	21 21	0 36	18 12	1 32	12 4	1 18	12 11	1 28	1 16	0 45	18 31	1 41
W29	17 51	15 21	4 30	14 50	1 19	21 9	0 38	18 20	1 33	12 5	1 18	12 8	1 28	1 16	0 46	18 31	1 41
T 30	17 35	17 21	4 59	14 9	1 11	20 55	0 41	18 29	1 33	12 6	1 18	12 6	1 28	1 16	0 46	18 31	1 41
F 31	17s18	18n16	5s 8	13s28	1s 2	20s41	0s43	18n37	1n34	12s 7	1n19	12s 3	1s28	1s15	0n46	18n31	1s41

Julian Day Number = 2470903.5, Delta T = 75.47 sec
Ecliptic obliquity = 23°25'47, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°28'51, Lahiri = 24°35'51

ASTRODIENST EPHEMERIS for the year 2053

geocentric

FEBRUARY 2053

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 46 41	12 ³³ 45'54	12 ³³ 7	28 ³³ 37	1 ³³ 57	18 ³³ 16	5 ³³ 33	2 ³³ 19	4 ³³ R53	0 ³³ R 4	11 ³³ 58	26 ³³ R43	28 ³³ 18	23 ³³ 23	10 ³³ 34	S 1
S 2	8 50 37	13 ³³ 35'46	27° 1	0 ³³ 9	3°13	18°45	5°36	2°26	4 ³³ 52	0 ³³ II 4	11°59	26 ³³ 18	28°15	23°30	10°40	S 2
M 3	8 54 34	14 ³³ 36'38	11 ³³ 47	1°38	4°28	19°14	5°40	2°33	4°50	0° 4	12° 0	26°30	28°12	23°37	10°45	M 3
T 4	8 58 30	15 ³³ 37'28	26°19	3° 3	5°43	19°44	5°42	2°40	4°49	0° 4	12° 2	26°25	28° 8	23°44	10°51	T 4
W 5	9 2 27	16°38'17	10 ³³ 10	4°24	6°58	20°14	5°45	2°48	4°48	0° 4	12° 3	26°22	28° 5	23°50	10°56	W 5
T 6	9 6 24	17°39'05	24°16	5°40	8°14	20°44	5°48	2°55	4°46	0° 4	12° 5	26°D21	28° 2	23°57	11° 2	T 6
F 7	9 10 20	18°39'51	7 ³³ 36	6°50	9°29	21°14	5°50	3° 2	4°45	0° 4	12° 6	26°21	27°59	24° 4	11° 7	F 7
S 8	9 14 17	19°40'37	20°31	7°53	10°44	21°44	5°52	3° 9	4°43	0° 3	12° 8	26°23	27°56	24°10	11°12	S 8
S 9	9 18 13	20°41'22	3 ³³ 4	8°50	11°59	22°14	5°54	3°16	4°42	0°D 3	12° 9	26°24	27°52	24°17	11°17	S 9
M10	9 22 10	21°42'06	15°20	9°38	13°14	22°45	5°56	3°23	4°40	0° 4	12°11	26°25	27°49	24°24	11°23	M10
T 11	9 26 6	22°42'49	27°22	10°17	14°30	23°15	5°58	3°31	4°38	0° 4	12°13	26°R26	27°46	24°31	11°28	T 11
W12	9 30 3	23°43'31	9 ³³ 17	10°47	15°45	23°46	5°59	3°38	4°36	0° 4	12°14	26°24	27°43	24°37	11°33	W12
T 13	9 33 59	24°44'12	21° 8	11° 7	17° 0	24°17	6° 0	3°45	4°35	0° 4	12°16	26°21	27°40	24°44	11°38	T 13
F 14	9 37 56	25°44'52	3 ³³ 1	11°R16	18°15	24°48	6° 1	3°52	4°33	0° 4	12°17	26°17	27°37	24°51	11°43	F 14
S 15	9 41 53	26°45'30	14°58	11°15	19°30	25°19	6° 2	4° 0	4°31	0° 4	12°19	26°12	27°33	24°58	11°48	S 15
S 16	9 45 49	27°46'08	27° 4	11° 4	20°45	25°51	6° 3	4° 7	4°29	0° 4	12°20	26° 7	27°30	25° 4	11°53	S 16
M17	9 49 46	28°46'43	9 ³³ 20	10°42	22° 1	26°22	6° 3	4°14	4°27	0° 5	12°22	26° 2	27°27	25°11	11°57	M17
T 18	9 53 42	29°47'18	21°47	10°10	23°16	26°54	6° 4	4°21	4°25	0° 5	12°24	25°58	27°24	25°18	12° 2	T 18
W19	9 57 39	0 ³³ 47'51	4 ³³ 27	9°30	24°31	27°25	6°R 4	4°29	4°23	0° 5	12°25	25°55	27°21	25°24	12° 7	W19
T 20	10 1 35	1°48'22	17°20	8°41	25°46	27°57	6° 4	4°36	4°21	0° 6	12°27	25°53	27°18	25°31	12°12	T 20
F 21	10 5 32	2°48'52	0 ³³ 25	7°46	27° 1	28°29	6° 3	4°43	4°19	0° 6	12°28	25°D53	27°14	25°38	12°16	F 21
S 22	10 9 28	3°49'20	13°43	6°46	28°16	29° 1	6° 3	4°51	4°17	0° 7	12°30	25°54	27°11	25°45	12°21	S 22
S 23	10 13 25	4°49'46	27°13	5°42	29°31	29°33	6° 2	4°58	4°15	0° 7	12°32	25°55	27° 8	25°51	12°25	S 23
M24	10 17 22	5°50'10	10 ³³ 54	4°36	0 ³³ 46	0 ³³ II 6	6° 2	5° 5	4°13	0° 8	12°33	25°57	27° 5	25°58	12°30	M24
T 25	10 21 18	6°50'33	24°47	3°31	2° 1	0°38	6° 1	5°13	4°11	0° 8	12°35	25°58	27° 2	26° 5	12°34	T 25
W26	10 25 15	7°50'53	8 ³³ 51	2°26	3°16	1°11	5°59	5°20	4° 8	0° 9	12°36	25°R58	26°58	26°11	12°38	W26
T 27	10 29 11	8°51'12	23° 5	1°25	4°31	1°43	5°58	5°27	4° 6	0° 9	12°38	25°58	26°55	26°18	12°43	T 27
F 28	10 33 8	9 ³³ 51'28	7 ³³ 25	0 ³³ 27	5 ³³ 46	2 ³³ II 16	5 ³³ 56	5 ³³ 34	4 ³³ 4	0 ³³ II 10	12 ³³ 40	25 ³³ 57	26 ³³ 52	26 ³³ 25	12 ³³ 47	F 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s 1	17n57	4s57	12s46	0s52	20s27	0s45	18n46	1n34	12s 8	1n19	12s 1	1s28	1s15	0n46	18n31	1s41	19s21	13s19	1n18	0n41	18s 9	17s 2	6n 0			
S 2	16 44	16 23	4 26	12 3	0 41	20 11	0 47	18 54	1 34	12 9	1 19	11 58	1 28	1 14	0 46	18 31	1 41	19 20	13 19	1 21	0 42	18 9	17 1	6 0			
M 3	16 27	13 45	3 38	11 21	0 30	19 56	0 49	19 3	1 34	12 9	1 19	11 56	1 28	1 13	0 46	18 31	1 41	19 19	13 19	1 24	0 43	18 9	17 0	6 1			
T 4	16 9	10 18	2 36	10 39	0 17	19 39	0 51	19 11	1 35	12 10	1 19	11 53	1 28	1 13	0 46	18 31	1 41	19 19	13 19	1 26	0 44	18 9	16 59	6 1			
W 5	15 51	6 19	1 25	9 58	0 4	19 22	0 53	19 19	1 35	12 11	1 20	11 51	1 28	1 12	0 46	18 31	1 41	19 18	13 19	1 27	0 46	18 10	16 59	6 1			
T 6	15 32	2 6	0 11	9 17	0n 9	19 5	0 55	19 28	1 35	12 12	1 20	11 48	1 28	1 12	0 46	18 31	1 41	19 17	13 19	1 27	0 47	18 10	16 58	6 2			
F 7	15 14	2s 5	1n 1	8 38	0 24	18 47	0 56	19 36	1 36	12 12	1 20	11 45	1 28	1 11	0 46	18 31	1 41	19 17	13 19	1 27	0 48	18 10	16 57	6 2			
S 8	14 55	6 2	2 8	8 0	0 39	18 28	0 58	19 44	1 36	12 13	1 20	11 43	1 28	1 10	0 46	18 31	1 40	19 16	13 19	1 26	0 49	18 10	16 56	6 2			
S 9	14 35	9 36	3 7	7 25	0 54	18 9	1 0	19 52	1 36	12 13	1 20	11 40	1 28	1 10	0 46	18 31	1 40	19 15	13 19	1 26	0 51	18 11	16 55	6 3			
M10	14 16	12 40	3 56	6 52	1 10	17 49	1 2	20 0	1 36	12 13	1 21	11 38	1 28	1 9	0 46	18 31	1 40	19 15	13 18	1 25	0 52	18 11	16 55	6 3			
T 11	13 56	15 8	4 33	6 22	1 27	17 29	1 3	20 8	1 36	12 14	1 21	11 35	1 28	1 8	0 46	18 31	1 40	19 14	13 18	1 25	0 53	18 11	16 54	6 4			
W12	13 36	16 55	4 58	5 56	1 43	17 9	1 5	20 16	1 37	12 14	1 21	11 33	1 28	1 8	0 46	18 31	1 40	19 13	13 18	1 26	0 54	18 11	16 53	6 4			
T 13	13 16	17 58	5 11	5 33	1 59	16 47	1 6	20 24	1 37	12 14	1 21	11 30	1 28	1 7	0 46	18 31	1 40	19 13	13 18	1 27	0 56	18 11	16 52	6 4			
F 14	12 56	18 14	5 10	5 15	2 15	16 26	1 8	20 32	1 37	12 14	1 22	11 27	1 28	1 6	0 46	18 32	1 40	19 12	13 18	1 29	0 57	18 12	16 51	6 5			
S 15	12 35	17 41	4 56	5 1	2 30	16 4	1 9	20 39	1 37	12 15	1 22	11 25	1 28	1 5	0 46	18 32	1 40	19 11	13 18	1 31	0 58	18 12	16 51	6 5			
S 16	12 15	16 21	4 28	4 52	2 45	15 41	1 11	20 47	1 37	12 15	1 22	11 22	1 28	1 5	0 46	18 32	1 40	19 11	13 18	1 33	1 0	18 12	16 50	6 6			
M17	11 54	14 15	3 48	4 48	2 59	15 18	1 12	20 55	1 37	12 14	1 22	11 19	1 28	1 4	0 46	18 32	1 40	19 10	13 18	1 35	1 1	18 12	16 49	6 6			
T 18	11 33	11 27	2 56	4 48	3 11	14 55	1 13	21 2	1 38	12 14	1 22	11 17	1 28	1 3	0 46	18 32	1 40	19 9	13 18	1 36	1 2	18 12	16 48	6 6			
W19	11 11	8 5	1 55	4 54	3 21	14 31	1 15	21 10	1 38	12 14	1 23	11 14	1 28	1 2	0 46	18 32	1 40	19 9	13 18	1 37	1 3	18 13	16 47	6 7			
T 20	10 50	4 17	0 47	5 4	3 30	14 7	1 16	21 17	1 38	12 14	1 23	11 12	1 28	1 1	0 46	18 32	1 40	19 8	13 18	1 38	1 5	18 13	16 46	6 7			
F 21	10 28	0 13	0s25	5 18	3 36	13 42	1 17	21 24	1 38	12 14	1 23	11 9	1 29	1 1	0 46	18 32	1 40	19 7	13 18	1 38	1 6	18 13	16 45	6 8			
S 22	10 6	3n55	1 37	5 36	3 41	13 17	1 18	21 32	1 38	12 13	1 23	11 6	1 29	1 0	0 46	18 33	1 40	19 7	13 18	1 38	1 7	18 13	16 45	6 8			
S 23	9 44	7 55	2 44	5 57	3 43	12 52	1 19	21 39	1 38	12 13	1 23	11 4	1 29	0 59	0 46	18 33	1 40	19 6	13 18	1 37	1 8	18 13	16 44	6 9			
M24	9 22	11 33	3 43	6 21	3 43	12 26	1 20	21 46	1 38	12 12	1 24	11 1	1 29	0 58	0 46	18 33	1 39	19 5	13 18	1 37	1 10	18 14	16 43	6 9			
T 25	9 0	14 35	4 30	6 47	3 41	12 0	1 21	21 53	1 38	12 12	1 24	10 58	1 29	0 57	0 46	18 33	1 39	19 5	13 18	1 36	1 11	18 14	16 42	6 10			
W26	8 37	16 48	5 2	7 14	3 36	11 34	1 21	21 59	1 38	12 11	1 24	10 56	1 29	0 56	0 46	18 33	1 39	19 4	13 18	1 36	1 12	18 14	16 41	6 10			
T 27	8 15	18 0	5 15	7 42	3 30	11 7	1 22	22 6	1 38	12 11	1 24	10 53	1 29	0 55	0 46	18 33	1 39	19 4	13 18	1 36	1 13	18 14	16 40	6 11			
F 28	7s52	18n 4	5s 9	8s10	3n22	10s40	1s23	22n13	1n38	12s10	1n25	10s51	1s29	0s54	0n46	18n34	1s39	19s 3	13s18	1n37	1n15	18s14	16s39	6n11			

Julian Day Number = 2470934.5, Delta T = 75.49 sec

Ecliptic obliquity = 23°25'47, Nutation = 0

ASTRODIENST EPHEMERIS for the year 2053
geocentric

MARCH 2053

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 37 4	10 ^h 51'43	21 ^h 49	29°R35	7 ^h 1	2 ^h 49	5°R55	5 ^h 42	4°R 2	0 ^h 11	12 ^h 41	25°R55	26 ^h 49	26 ^h 32	12 ^h 51	S 1
S 2	10 41 1	11°51'55	6 ^h 13	28 ^h 48	8°16	3°22	5 ^h 53	5°49	3 ^h 59	0°11	12°43	25 ^h 53	26°46	26°38	12°55	S 2
M 3	10 44 57	12°52'06	20°31	28° 8	9°31	3°55	5°50	5°56	3°57	0°12	12°44	25°51	26°43	26°45	12°59	M 3
T 4	10 48 54	13°52'14	4 ^h 38	27°34	10°46	4°28	5°48	6° 4	3°54	0°13	12°46	25°50	26°39	26°52	13° 3	T 4
W 5	10 52 51	14°52'21	18°31	27° 8	12° 1	5° 1	5°46	6°11	3°52	0°14	12°48	25°49	26°36	26°59	13° 7	W 5
T 6	10 56 47	15°52'25	2 ^h 5	26°48	13°16	5°34	5°43	6°18	3°50	0°15	12°49	25°D49	26°33	27° 5	13°11	T 6
F 7	11 0 44	16°52'28	15°19	26°36	14°31	6° 7	5°40	6°25	3°47	0°15	12°51	25°50	26°30	27°12	13°14	F 7
S 8	11 4 40	17°52'30	28°14	26°D30	15°46	6°41	5°37	6°33	3°45	0°16	12°53	25°51	26°27	27°19	13°18	S 8
S 9	11 8 37	18°52'29	10 ^h 49	26°30	17° 1	7°14	5°34	6°40	3°42	0°17	12°54	25°51	26°23	27°25	13°21	S 9
M10	11 12 33	19°52'27	23° 7	26°37	18°16	7°48	5°30	6°47	3°40	0°18	12°56	25°52	26°20	27°32	13°25	M10
T 11	11 16 30	20°52'24	5 ^h 13	26°49	19°31	8°21	5°27	6°54	3°37	0°19	12°57	25°52	26°17	27°39	13°28	T 11
W12	11 20 26	21°52'19	17°10	27° 7	20°45	8°55	5°23	7° 1	3°35	0°20	12°59	25°R53	26°14	27°46	13°32	W12
T 13	11 24 23	22°52'12	29° 3	27°30	22° 0	9°29	5°19	7° 8	3°32	0°21	13° 1	25°53	26°11	27°52	13°35	T 13
F 14	11 28 19	23°52'03	10 ^h 57	27°58	23°15	10° 3	5°15	7°16	3°30	0°22	13° 2	25°53	26° 8	27°59	13°38	F 14
S 15	11 32 16	24°51'53	22°56	28°31	24°30	10°37	5°11	7°23	3°27	0°24	13° 4	25°52	26° 4	28° 6	13°41	S 15
S 16	11 36 13	25°51'41	5 ^h 4	29° 8	25°45	11°10	5° 6	7°30	3°24	0°25	13° 5	25°D52	26° 1	28°12	13°45	S 16
M17	11 40 9	26°51'27	17°25	29°49	27° 0	11°44	5° 2	7°37	3°22	0°26	13° 7	25°52	25°58	28°19	13°48	M17
T 18	11 44 6	27°51'11	0 ^h 2	0 ^h 34	28°14	12°19	4°57	7°44	3°19	0°27	13° 9	25°53	25°55	28°26	13°50	T 18
W19	11 48 2	28°50'54	12°56	1°22	29°29	12°53	4°52	7°51	3°17	0°28	13°10	25°53	25°52	28°33	13°53	W19
T 20	11 51 59	29°50'34	26° 8	2°14	0 ^h 44	13°27	4°47	7°58	3°14	0°30	13°12	25°R53	25°49	28°39	13°56	T 20
F 21	11 55 55	0 ^h 50'13	9 ^h 37	3° 9	1°58	14° 1	4°42	8° 5	3°12	0°31	13°13	25°53	25°45	28°46	13°59	F 21
S 22	11 59 52	1°49'50	23°22	4° 6	3°13	14°36	4°37	8°12	3° 9	0°32	13°15	25°52	25°42	28°53	14° 1	S 22
S 23	12 3 48	2°49'24	7 ^h 19	5° 7	4°28	15°10	4°31	8°19	3° 6	0°34	13°16	25°52	25°39	29° 0	14° 4	S 23
M24	12 7 45	3°48'56	21°26	6°10	5°43	15°44	4°26	8°25	3° 4	0°35	13°18	25°51	25°36	29° 6	14° 6	M24
T 25	12 11 42	4°48'26	5 ^h 18	7°15	6°57	16°19	4°20	8°32	3° 1	0°36	13°19	25°50	25°33	29°13	14° 9	T 25
W26	12 15 38	5°47'54	19°53	8°23	8°12	16°53	4°14	8°39	2°58	0°38	13°21	25°49	25°29	29°20	14°11	W26
T 27	12 19 35	6°47'20	4 ^h 7	9°33	9°26	17°28	4° 8	8°46	2°56	0°39	13°23	25°D49	25°26	29°26	14°13	T 27
F 28	12 23 31	7°46'43	18°18	10°45	10°41	18° 3	4° 2	8°53	2°53	0°41	13°24	25°49	25°23	29°33	14°15	F 28
S 29	12 27 28	8°46'04	2 ^h 24	12° 0	11°56	18°37	3°56	8°59	2°51	0°42	13°26	25°49	25°20	29°40	14°17	S 29
S 30	12 31 24	9°45'22	16°22	13°16	13°10	19°12	3°49	9° 6	2°48	0°44	13°27	25°51	25°17	29°47	14°19	S 30
M31	12 35 21	10 ^h 44'38	0 ^h 11	14 ^h 34	14 ^h 25	19 ^h 47	3 ^h 43	9 ^h 13	2°46	0 ^h 46	13 ^h 28	25 ^h 52	25 ^h 14	29 ^h 45	14 ^h 21	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	7s29	16n59	4s44	8s37	3n12	10s13	1s23	22n19	1n38	12s 9	1n25	10s48	1s29	0s53	0n46	18n34
S 2	7 7	14 49	4 1	9 3	3 1	9 46	1 24	22 26	1 38	12 8	1 25	10 45	1 29	0 53	0 46	18 34
M 3	6 44	11 45	3 3	9 28	2 49	9 18	1 25	22 32	1 38	12 7	1 25	10 43	1 29	0 52	0 46	18 34
T 4	6 21	8 2	1 55	9 52	2 36	8 50	1 25	22 38	1 38	12 7	1 25	10 40	1 29	0 51	0 46	18 34
W 5	5 57	3 55	0 40	10 13	2 23	8 22	1 25	22 44	1 38	12 6	1 26	10 37	1 29	0 50	0 46	18 35
T 6	5 34	0s18	0n35	10 33	2 9	7 53	1 26	22 50	1 38	12 4	1 26	10 35	1 29	0 49	0 46	18 35
F 7	5 11	4 24	1 46	10 50	1 55	7 25	1 26	22 56	1 38	12 3	1 26	10 32	1 29	0 48	0 46	18 35
S 8	4 47	8 11	2 50	11 6	1 41	6 56	1 26	23 2	1 38	12 2	1 26	10 30	1 30	0 47	0 46	18 35
S 9	4 24	11 30	3 44	11 19	1 27	6 27	1 26	23 8	1 38	12 1	1 26	10 27	1 30	0 46	0 46	18 36
M10	4 1	14 14	4 27	11 30	1 13	5 58	1 26	23 13	1 38	12 0	1 26	10 24	1 30	0 45	0 46	18 36
T 11	3 37	16 18	4 57	11 39	0 59	5 28	1 26	23 19	1 38	11 58	1 27	10 22	1 30	0 44	0 46	18 36
W12	3 13	17 37	5 14	11 45	0 46	4 59	1 26	23 24	1 38	11 57	1 27	10 19	1 30	0 43	0 46	18 36
T 13	2 50	18 9	5 17	11 50	0 32	4 29	1 26	23 29	1 38	11 55	1 27	10 17	1 30	0 42	0 46	18 37
F 14	2 26	17 53	5 6	11 52	0 20	3 59	1 26	23 34	1 38	11 54	1 27	10 14	1 30	0 41	0 46	18 37
S 15	2 2	16 50	4 43	11 52	0 7	3 29	1 25	23 39	1 38	11 52	1 27	10 12	1 30	0 40	0 46	18 37
S 16	1 39	15 1	4 6	11 51	0s 5	3 0	1 25	23 44	1 38	11 51	1 27	10 9	1 30	0 39	0 46	18 38
M17	1 15	12 28	3 18	11 47	0 16	2 29	1 25	23 48	1 38	11 49	1 28	10 6	1 30	0 38	0 46	18 38
T 18	0 51	9 18	2 19	11 42	0 28	1 59	1 24	23 53	1 38	11 47	1 28	10 4	1 30	0 37	0 46	18 38
W19	0 27	5 36	1 11	11 35	0 38	1 29	1 24	23 57	1 38	11 46	1 28	10 1	1 31	0 36	0 46	18 39
T 20	0 4	1 34	0s 1	11 26	0 48	0 59	1 23	24 1	1 38	11 44	1 28	9 59	1 31	0 35	0 46	18 39
F 21	0n20	2n39	1 15	11 15	0 58	0 29	1 22	24 6	1 38	11 42	1 28	9 56	1 31	0 34	0 46	18 39
S 22	0 44	6 48	2 27	11 3	1 7	0n 2	1 22	24 10	1 38	11 40	1 28	9 54	1 31	0 32	0 46	18 39
S 23	1 7	10 38	3 30	10 49	1 16	0 32	1 21	24 13	1 38	11 38	1 28	9 51	1 31	0 31	0 46	18 40
M24	1 31	13 54	4 21	10 33	1 24	1 2	1 20	24 17	1 38	11 36	1 29	9 49	1 31	0 30	0 46	18 40
T 25	1 55	16 21	4 57	10 16	1 32	1 33	1 19	24 21	1 37	11 34	1 29	9 47	1 31	0 29	0 46	18 40
W26	2 18	17 49	5 15	9 57	1 39	2 3	1 18	24 24	1 37	11 32	1 29	9 44	1 31	0 28	0 46	18 41
T 27	2 42	18 9	5 13	9 37	1 46	2 33	1 17	24 27	1 37	11 30	1 29	9 42	1 31	0 27	0 46	18 41
F 28	3 5	17 21	4 53	9 16	1 52	3 4	1 16	24 30	1 37	11 28	1 29	9 39	1 32	0 26	0 46	18 42
S 29	3 28	15 29	4 14	8 53	1 58	3 34	1 15	24 33	1 37	11 25	1 29	9 37	1 32	0 25	0 46	18 42
S 30	3 52	12 43	3 22	8 29	2 4	4 4	1 14	24 36	1 37	11 23	1 29	9 34	1 32	0 24	0 46	18 42
M31	4n15	9n15	2s17	8s 3	2s 8	4n34	1s13	24n39	1n37	11s21	1n29	9s32	1s32	0s23	0n46	18n43

Julian Day Number = 2470962.5, Delta T = 75.52 sec
Ecliptic obliquity = 23°25'48, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°28'59, Lahiri = 24°35'59

ASTRODIENST EPHEMERIS for the year 2053
geocentric

APRIL 2053

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 39 17	11°43'52	13°50	15°45	15°39	20°22	3°R36	9°19	2°R43	0°47	13°30	25°53	25°10	0°0	14°23	T 1
W 2	12 43 14	12°43'03	27°16	17°16	16°54	20°57	3°M30	9°26	2°40	0°49	13°31	25°R53	25° 7	0° 7	14°25	W 2
T 3	12 47 11	13°42'13	10°29	18°39	18° 8	21°32	3°23	9°32	2°38	0°50	13°33	25°52	25° 4	0°13	14°26	T 3
F 4	12 51 7	14°41'20	23°28	20° 4	19°22	22° 6	3°16	9°39	2°35	0°52	13°34	25°51	25° 1	0°20	14°28	F 4
S 5	12 55 4	15°40'26	6°12	21°31	20°37	22°41	3° 9	9°45	2°33	0°54	13°36	25°48	24°58	0°27	14°30	S 5
S 6	12 59 0	16°39'29	18°42	22°59	21°51	23°16	3° 2	9°51	2°30	0°55	13°37	25°45	24°55	0°34	14°31	S 6
M 7	13 2 57	17°38'31	0°58	24°29	23° 6	23°52	2°55	9°58	2°28	0°57	13°38	25°42	24°51	0°40	14°32	M 7
T 8	13 6 53	18°37'31	13° 4	26° 1	24°20	24°27	2°48	10° 4	2°25	0°59	13°40	25°38	24°48	0°47	14°33	T 8
W 9	13 10 50	19°36'29	25° 2	27°34	25°34	25° 2	2°40	10°10	2°23	1° 1	13°41	25°35	24°45	0°54	14°35	W 9
T 10	13 14 46	20°35'26	6°55	29° 9	26°49	25°37	2°33	10°16	2°20	1° 2	13°43	25°33	24°42	1° 1	14°36	T 10
F 11	13 18 43	21°34'20	18°48	0°45	28° 3	26°12	2°26	10°22	2°18	1° 4	13°44	25°D33	24°39	1° 7	14°37	F 11
S 12	13 22 39	22°33'13	0°46	2°23	29°17	26°47	2°18	10°29	2°16	1° 6	13°45	25°33	24°35	1°14	14°37	S 12
S 13	13 26 36	23°32'04	12°54	4° 2	0°31	27°23	2°11	10°35	2°13	1° 8	13°47	25°34	24°32	1°21	14°38	S 13
M14	13 30 33	24°30'53	25°15	5°43	1°46	27°58	2° 3	10°40	2°11	1°10	13°48	25°36	24°29	1°27	14°39	M14
T 15	13 34 29	25°29'41	7°55	7°26	3° 0	28°33	1°56	10°46	2° 8	1°12	13°49	25°37	24°26	1°34	14°40	T 15
W16	13 38 26	26°28'27	20°56	9°10	4°14	29° 9	1°48	10°52	2° 6	1°14	13°50	25°R38	24°23	1°41	14°40	W16
T 17	13 42 22	27°27'11	4°21	10°56	5°28	29°44	1°41	10°58	2° 4	1°16	13°52	25°38	24°20	1°48	14°41	T 17
F 18	13 46 19	28°25'53	18° 8	12°43	6°43	0°20	1°33	11° 4	2° 2	1°17	13°53	25°36	24°16	1°54	14°41	F 18
S 19	13 50 15	29°24'33	2°17	14°32	7°57	0°55	1°25	11°10	1°59	1°19	13°54	25°33	24°13	2° 1	14°41	S 19
S 20	13 54 12	0°23'11	16°42	16°22	9°11	1°31	1°18	11°15	1°57	1°21	13°55	25°28	24°10	2° 8	14°41	S 20
M21	13 58 8	1°21'48	1°18	18°14	10°25	2° 6	1°10	11°21	1°55	1°23	13°57	25°23	24° 7	2°14	14°42	M21
T 22	14 2 5	2°20'22	15°57	20° 8	11°39	2°42	1° 2	11°26	1°53	1°25	13°58	25°18	24° 4	2°21	14°R42	T 22
W23	14 6 2	3°18'55	0°33	22° 3	12°53	3°17	0°55	11°32	1°51	1°27	13°59	25°13	24° 0	2°28	14°41	W23
T 24	14 9 58	4°17'25	15° 0	24° 0	14° 7	3°53	0°47	11°37	1°49	1°29	14° 0	25°10	23°57	2°35	14°41	T 24
F 25	14 13 55	5°15'53	29°14	25°59	15°21	4°29	0°39	11°42	1°47	1°32	14° 1	25°D 8	23°54	2°41	14°41	F 25
S 26	14 17 51	6°14'18	13°14	27°59	16°35	5° 4	0°32	11°48	1°45	1°34	14° 2	25° 9	23°51	2°48	14°41	S 26
S 27	14 21 48	7°12'42	26°58	0° 0	17°49	5°40	0°24	11°53	1°43	1°36	14° 3	25°10	23°48	2°55	14°40	S 27
M28	14 25 44	8°11'03	10°27	2° 3	19° 3	6°16	0°16	11°58	1°41	1°38	14° 4	25°11	23°45	3° 2	14°40	M28
T 29	14 29 41	9° 9'22	23°43	4° 7	20°17	6°52	0° 9	12° 3	1°39	1°40	14° 5	25°R12	23°41	3° 8	14°39	T 29
W30	14 33 37	10° 7'40	6°45	6°13	21°31	7°27	0°11	12° 8	1°37	1°42	14° 6	25°11	23°38	3°15	14°39	W30

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
T 1	4n38	5n20	1s 6	7s36	2s13	5n 4	1s11	24n41	1n37	11s19	1n29	9s30	1s32	0s22	0n46	18n43	1s38	18s46	13s21	1n38	1n55	18s18	16s12	6n29	
W 2	5 1	1 12	0n 8	7 8	2 17	5 33	1 10	24 44	1 37	11 16	1 30	9 27	1 32	0 21	0 46	18 43	1 37	18 46	13 21	1 38	1 56	18 18	16 11	6 30	
T 3	5 24	2s56	1 20	6 38	2 20	6 3	1 9	24 46	1 36	11 14	1 30	9 25	1 32	0 20	0 46	18 44	1 37	18 45	13 21	1 38	1 58	18 18	16 10	6 31	
F 4	5 47	6 51	2 26	6 7	2 23	6 33	1 7	24 48	1 36	11 12	1 30	9 23	1 33	0 19	0 46	18 44	1 37	18 45	13 22	1 39	1 59	18 18	16 10	6 31	
S 5	6 10	10 22	3 24	5 35	2 25	7 2	1 6	24 50	1 36	11 9	1 30	9 20	1 33	0 18	0 46	18 45	1 37	18 45	13 22	1 40	2 0	18 18	16 9	6 32	
S 6	6 33	13 21	4 11	5 2	2 27	7 31	1 4	24 51	1 36	11 7	1 30	9 18	1 33	0 17	0 46	18 45	1 37	18 44	13 22	1 41	2 1	18 18	16 8	6 32	
M 7	6 55	15 41	4 46	4 28	2 29	8 0	1 2	24 53	1 36	11 4	1 30	9 16	1 33	0 16	0 46	18 45	1 37	18 44	13 22	1 43	2 3	18 19	16 7	6 33	
T 8	7 18	17 17	5 7	3 52	2 29	8 29	1 1	24 54	1 36	11 2	1 30	9 14	1 33	0 15	0 46	18 46	1 37	18 44	13 22	1 44	2 4	18 19	16 7	6 34	
W 9	7 40	18 6	5 14	3 16	2 30	8 58	0 59	24 56	1 36	10 59	1 30	9 11	1 33	0 14	0 46	18 46	1 37	18 43	13 23	1 45	2 5	18 19	16 6	6 34	
T 10	8 2	18 7	5 8	2 38	2 30	9 26	0 57	24 57	1 35	10 57	1 30	9 9	1 33	0 13	0 46	18 46	1 37	18 43	13 23	1 46	2 6	18 19	16 5	6 35	
F 11	8 24	17 21	4 49	1 59	2 29	9 55	0 56	24 58	1 35	10 54	1 30	9 7	1 34	0 12	0 46	18 47	1 37	18 43	13 23	1 46	2 8	18 19	16 4	6 36	
S 12	8 46	15 48	4 17	1 19	2 28	10 23	0 54	24 58	1 35	10 52	1 30	9 5	1 34	0 11	0 46	18 47	1 37	18 42	13 23	1 46	2 9	18 19	16 4	6 36	
S 13	9 8	13 32	3 33	0 38	2 27	10 50	0 52	24 59	1 35	10 49	1 30	9 3	1 34	0 11	0 46	18 48	1 37	18 42	13 24	1 46	2 10	18 19	16 3	6 37	
M14	9 30	10 36	2 39	0n 4	2 24	11 18	0 50	25 0	1 35	10 46	1 30	9 1	1 34	0 10	0 46	18 48	1 37	18 42	13 24	1 45	2 11	18 19	16 2	6 37	
T 15	9 51	7 7	1 36	0 47	2 22	11 45	0 48	25 0	1 35	10 44	1 30	8 59	1 34	0 9	0 46	18 49	1 37	18 41	13 24	1 44	2 13	18 19	16 2	6 38	
W16	10 13	3 12	0 26	1 30	2 19	12 12	0 46	25 0	1 34	10 41	1 30	8 56	1 34	0 8	0 46	18 49	1 37	18 41	13 24	1 44	2 14	18 19	16 1	6 39	
T 17	10 34	1n 0	0s47	2 15	2 15	12 39	0 44	25 0	1 34	10 39	1 30	8 54	1 34	0 7	0 46	18 49	1 37	18 41	13 24	1 44	2 15	18 19	16 0	6 39	
F 18	10 55	5 16	2 0	3 1	2 11	13 5	0 42	25 0	1 34	10 36	1 30	8 52	1 35	0 6	0 46	18 50	1 37	18 41	13 25	1 45	2 16	18 19	16 0	6 40	
S 19	11 16	9 20	3 7	3 47	2 6	13 32	0 40	24 59	1 34	10 33	1 30	8 50	1 35	0 5	0 46	18 50	1 37	18 40	13 25	1 46	2 18	18 19	15 59	6 41	
S 20	11 36	12 56	4 3	4 34	2 1	13 57	0 38	24 59	1 34	10 31	1 30	8 48	1 35	0 4	0 46	18 51	1 37	18 40	13 25	1 48	2 19	18 19	15 58	6 41	
M21	11 57	15 47	4 44	5 22	1 56	14 23	0 35	24 58	1 33	10 28	1 30	8 46	1 35	0 4	0 46	18 51	1 37	18 40	13 26	1 50	2 20	18 19	15 58	6 42	
T 22	12 17	17 37	5 6	6 11	1 49	14 48	0 33	24 57	1 33	10 26	1 30	8 44	1 35	0 3	0 46	18 52	1 37	18 40	13 26	1 52	2 21	18 19	15 57	6 42	
W23	12 37	18 17	5 9	7 0	1 43	15 12	0 31	24 56	1 33	10 23	1 30	8 43	1 36	0 2	0 46	18 52	1 37	18 39	13 26	1 54	2 23	18 19	15 56	6 43	
T 24	12 57	17 45	4 52	7 49	1 36	15 37	0 29	24 55	1 33	10 20	1 30	8 41	1 36	0 1	0 46	18 52	1 37	18 39	13 26	1 55	2 24	18 19	15 56	6 44	
F 25	13 16	16 6	4 17	8 40	1 28	16 1	0 26	24 54	1 33	10 18	1 30	8 39	1 36	0 0	0 46	18 53	1 37	18 39	13 27	1 56	2 25	18 19	15 55	6 44	
S 26	13 36	13 31	3 28	9 30	1 20	16 24	0 24	24 52	1 32	10 15	1 30	8 37	1 36	0n 0	0 46	18 53	1 37	18 39	13 27	1 56	2 27	18 19	15 55	6 45	
S 27	13 55	10 13	2 27	10 21	1 12	16 47	0 22	24 51	1 32	10 13	1 30	8 35	1 36	0 1	0 46	18 54	1 37	18 39	13 27	1 55	2 28	18 19	15 54	6 46	
M28	14 14	6 25	1 19	11 12	1 3	17 10	0 19	24 49	1 32	10 10	1 29	8 33	1 36	0 2	0 46	18 54	1 37	18 39	13 27	1 55	2 29	18 19	15 54	6 46	
T 29	14 32	2 22	0 8	12 3	0 54	17 32	0 17	24 47	1 32	10 7	1 29	8 32	1 37	0 3	0 46	18 55	1 37	18 38	13 28	1 55	2 30	18 19	15 53	6 47	
W30	14n51	1s44	1n 2	12n54	0s44	17n54	0s15	24n45	1n32	10s 5	1n29	8s30	1s37	0n 3	0n46	18n55	1s36	18s38	13s28	1n55	2n32	18s19	15s52	6n47	

ASTRODIENST EPHEMERIS for the year 2053
geocentric

MAY 2053

00:00 UT

Day	Sid.t	☉	☾	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	14 37 34	11♌ 5'55	19♊36	8♋20	22♌45	8♌ 3	29°R54	12♈13	1°R35	1♐44	14♈ 7	25°R 8	23♐35	3♌22	14°R38	T 1
F 2	14 41 31	12° 4'08	2♐16	10°27	23°59	8°39	29♊47	12°18	1♌33	1°46	14° 8	25♐ 4	23°32	3°28	14♌37	F 2
S 3	14 45 27	13° 2'20	14°45	12°36	25°12	9°15	29°39	12°23	1°32	1°48	14° 9	24°57	23°29	3°35	14°36	S 3
S 4	14 49 24	14° 0'30	27° 4	14°45	26°26	9°51	29°32	12°27	1°30	1°51	14°10	24°48	23°26	3°42	14°35	S 4
M 5	14 53 20	14°58'38	9♊13	16°55	27°40	10°27	29°25	12°32	1°28	1°53	14°11	24°39	23°22	3°49	14°34	M 5
T 6	14 57 17	15°56'45	21°15	19° 5	28°54	11° 2	29°18	12°36	1°27	1°55	14°12	24°30	23°19	3°55	14°33	T 6
W 7	15 1 13	16°54'50	3♌11	21°15	0♐ 8	11°38	29°11	12°41	1°25	1°57	14°13	24°21	23°16	4° 2	14°32	W 7
T 8	15 5 10	17°52'54	15° 3	23°25	1°21	12°14	29° 4	12°45	1°23	1°59	14°14	24°14	23°13	4° 9	14°31	T 8
F 9	15 9 6	18°50'57	26°55	25°34	2°35	12°50	28°57	12°50	1°22	2° 1	14°15	24°10	23°10	4°15	14°29	F 9
S 10	15 13 3	19°48'58	8♊51	27°42	3°49	13°26	28°50	12°54	1°20	2° 4	14°16	24° 7	23° 6	4°22	14°28	S 10
S 11	15 17 0	20°46'57	20°56	29°49	5° 2	14° 2	28°43	12°58	1°19	2° 6	14°16	24°D 6	23° 3	4°29	14°26	S 11
M12	15 20 56	21°44'55	3♈15	1♐54	6°16	14°38	28°37	13° 2	1°18	2° 8	14°17	24° 7	23° 0	4°36	14°25	M12
T 13	15 24 53	22°42'52	15°53	3°57	7°30	15°14	28°30	13° 6	1°16	2°10	14°18	24° 7	22°57	4°42	14°23	T 13
W14	15 28 49	23°40'48	28°54	5°59	8°43	15°50	28°24	13°10	1°15	2°12	14°19	24°R 8	22°54	4°49	14°21	W14
T 15	15 32 46	24°38'42	12♐22	7°58	9°57	16°27	28°17	13°14	1°14	2°15	14°19	24° 6	22°51	4°56	14°19	T 15
F 16	15 36 42	25°36'35	26°17	9°55	11°10	17° 3	28°11	13°18	1°13	2°17	14°20	24° 2	22°47	5° 3	14°17	F 16
S 17	15 40 39	26°34'27	10♌39	11°50	12°24	17°39	28° 5	13°22	1°12	2°19	14°21	23°56	22°44	5° 9	14°16	S 17
S 18	15 44 35	27°32'18	25°23	13°41	13°37	18°15	27°59	13°25	1°10	2°21	14°21	23°48	22°41	5°16	14°13	S 18
M19	15 48 32	28°30'07	10♐21	15°30	14°51	18°51	27°54	13°29	1° 9	2°24	14°22	23°39	22°38	5°23	14°11	M19
T 20	15 52 29	29°27'55	25°25	17°16	16° 5	19°27	27°48	13°32	1° 8	2°26	14°23	23°29	22°35	5°29	14° 9	T 20
W21	15 56 25	0♐25'41	10♌24	18°59	17°18	20° 4	27°42	13°35	1° 7	2°28	14°23	23°21	22°32	5°36	14° 7	W21
T 22	16 0 22	1°23'26	25°10	20°39	18°31	20°40	27°37	13°39	1° 7	2°30	14°24	23°14	22°28	5°43	14° 5	T 22
F 23	16 4 18	2°21'09	9♊37	22°15	19°45	21°16	27°32	13°42	1° 6	2°33	14°24	23°10	22°25	5°50	14° 2	F 23
S 24	16 8 15	3°18'50	23°41	23°48	20°58	21°53	27°27	13°45	1° 5	2°35	14°25	23° 8	22°22	5°56	14° 0	S 24
S 25	16 12 11	4°16'30	7♐23	25°19	22°12	22°29	27°22	13°48	1° 4	2°37	14°25	23°D 8	22°19	6° 3	13°57	S 25
M26	16 16 8	5°14'08	20°44	26°45	23°25	23° 5	27°17	13°51	1° 4	2°39	14°26	23°R 8	22°16	6°10	13°55	M26
T 27	16 20 4	6°11'45	3♊47	28° 9	24°38	23°41	27°12	13°54	1° 3	2°42	14°26	23° 8	22°12	6°16	13°52	T 27
W28	16 24 1	7° 9'20	16°33	29°29	25°52	24°18	27° 8	13°56	1° 2	2°44	14°27	23° 6	22° 9	6°23	13°49	W28
T 29	16 27 58	8° 6'54	29° 7	0♌45	27° 5	24°54	27° 3	13°59	1° 2	2°46	14°27	23° 1	22° 6	6°30	13°47	T 29
F 30	16 31 54	9° 4'27	11♐31	1°58	28°18	25°31	26°59	14° 2	1° 1	2°48	14°27	22°54	22° 3	6°37	13°44	F 30
S 31	16 35 51	10♐1'58	23♐46	3♌ 8	29♐31	26♌ 7	26♊55	14♈ 4	1♌ 1	2♐51	14♈28	22♐44	22♐ 0	6♌43	13♌41	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	lat
T 1	15n 9	5s41	2n 8	13n44	0s34	18n15	0s12	24n42	1n31	10s 2	1n29	8s28	1s37	0n 4	0n46	18n56	1s36	18s38	13s28	1n56	2n33	18s19	15s52	6n48
F 2	15 27	9 20	3 6	14 34	0 24	18 36	0 10	24 40	1 31	10 0	1 29	8 26	1 37	0 5	0 46	18 56	1 36	18 38	13 29	1 58	2 34	18 19	15 51	6 49
S 3	15 45	12 31	3 55	15 24	0 14	18 56	0 7	24 37	1 31	9 57	1 29	8 25	1 37	0 5	0 46	18 56	1 36	18 38	13 29	2 0	2 35	18 19	15 51	6 49
S 4	16 2	15 5	4 31	16 12	0 3	19 16	0 5	24 34	1 31	9 55	1 29	8 23	1 38	0 6	0 46	18 57	1 36	18 38	13 29	2 4	2 37	18 19	15 50	6 50
M 5	16 19	16 58	4 55	17 0	0n 7	19 36	0 2	24 31	1 30	9 53	1 29	8 22	1 38	0 7	0 46	18 57	1 36	18 38	13 30	2 8	2 38	18 19	15 50	6 50
T 6	16 36	18 4	5 6	17 47	0 18	19 54	0n 0	24 28	1 30	9 50	1 29	8 20	1 38	0 7	0 46	18 58	1 36	18 38	13 30	2 11	2 39	18 19	15 49	6 51
W 7	16 53	18 21	5 2	18 32	0 29	20 13	0 3	24 25	1 30	9 48	1 28	8 19	1 38	0 8	0 46	18 58	1 36	18 38	13 30	2 15	2 40	18 19	15 49	6 52
T 8	17 9	17 50	4 46	19 15	0 39	20 30	0 5	24 21	1 30	9 46	1 28	8 17	1 38	0 9	0 46	18 59	1 36	18 38	13 31	2 17	2 42	18 19	15 49	6 52
F 9	17 25	16 33	4 18	19 56	0 49	20 47	0 8	24 18	1 30	9 43	1 28	8 16	1 39	0 9	0 45	18 59	1 36	18 38	13 31	2 19	2 43	18 19	15 48	6 53
S 10	17 41	14 32	3 38	20 36	0 59	21 4	0 10	24 14	1 29	9 41	1 28	8 14	1 39	0 10	0 45	19 0	1 36	18 38	13 31	2 20	2 44	18 19	15 48	6 53
S 11	17 57	11 51	2 48	21 13	1 9	21 20	0 12	24 10	1 29	9 39	1 28	8 13	1 39	0 10	0 45	19 0	1 36	18 38	13 32	2 20	2 45	18 19	15 47	6 54
M12	18 12	8 36	1 49	21 48	1 18	21 36	0 15	24 6	1 29	9 37	1 28	8 11	1 39	0 11	0 45	19 0	1 36	18 38	13 32	2 20	2 47	18 19	15 47	6 54
T 13	18 27	4 53	0 44	22 21	1 27	21 50	0 17	24 2	1 29	9 34	1 28	8 10	1 39	0 11	0 45	19 1	1 36	18 38	13 32	2 20	2 48	18 19	15 47	6 55
W14	18 41	0 50	0s26	22 51	1 35	22 5	0 20	23 57	1 28	9 32	1 27	8 9	1 40	0 12	0 45	19 1	1 36	18 38	13 32	2 20	2 49	18 19	15 46	6 55
T 15	18 55	3n25	1 36	23 19	1 42	22 18	0 22	23 53	1 28	9 30	1 27	8 7	1 40	0 12	0 45	19 2	1 36	18 38	13 33	2 20	2 50	18 19	15 46	6 56
F 16	19 9	7 37	2 43	23 44	1 49	22 31	0 25	23 48	1 28	9 28	1 27	8 6	1 40	0 13	0 45	19 2	1 36	18 38	13 33	2 22	2 52	18 19	15 46	6 57
S 17	19 23	11 30	3 41	24 6	1 55	22 43	0 27	23 43	1 28	9 26	1 27	8 5	1 40	0 13	0 45	19 3	1 36	18 38	13 34	2 24	2 53	18 18	15 45	6 57
S 18	19 36	14 47	4 27	24 26	2 1	22 55	0 30	23 38	1 27	9 24	1 27	8 4	1 40	0 13	0 45	19 3	1 36	18 38	13 34	2 28	2 54	18 18	15 45	6 58
M19	19 49	17 8	4 55	24 43	2 6	23 6	0 32	23 32	1 27	9 22	1 26	8 3	1 41	0 14	0 45	19 4	1 36	18 38	13 34	2 31	2 55	18 18	15 45	6 58
T 20	20 2	18 18	5 3	24 58	2 9	23 17	0 35	23 27	1 27	9 21	1 26	8 1	1 41	0 14	0 45	19 4	1 36	18 38	13 35	2 35	2 57	18 18	15 44	6 59
W21	20 14	18 12	4 50	25 11	2 13	23 26	0 37	23 22	1 27	9 19	1 26	8 0	1 41	0 14	0 45	19 4	1 36	18 38	13 35	2 39	2 58	18 18	15 44	6 59
T 22	20 26	16 52	4 18	25 21	2 15	23 35	0 39	23 16	1 26	9 17	1 26	7 59	1 41	0 15	0 45	19 5	1 36	18 38	13 35	2 41	2 59	18 18	15 44	7 0
F 23	20 37	14 28	3 30	25 28	2 16	23 44	0 42	23 10	1 26	9 15	1 26	7 58	1 42	0 15	0 45	19 5	1 36	18 38	13 36	2 43	3 0	18 18	15 43	7 0
S 24	20 49	11 16	2 30	25 34	2 17	23 51	0 44	23 4	1 26	9 14	1 25	7 57	1 42	0 15	0 45	19 6	1 36	18 38	13 36	2 43	3 2	18 18	15 43	7 1
S 25	20 59	7 31	1 23	25 38	2 17	23 58	0 46	22 58	1 26	9 12	1 25	7 56	1 42	0 16	0 45	19 6	1 36	18 38	13 36	2 44	3 3	18 18	15 43	7 1
M26	21 10	3 28	0 13	25 39	2 16	24 5	0 49	22 51	1 25	9 11	1 25	7 55	1 42	0 16	0 45	19 7	1 36	18 39	13 37	2 43	3 4	18 18	15 43	7 2
T 27	21 20	0s38	0n56	25 39	2 14	24 10	0 51	22 45	1 25	9 9	1 25	7 55	1 42	0 16	0 45	19 7	1 36	18 39	13 37	2 44	3 5	18 18	15 43	7 2
W28	21 30	4 39	2 1	25 37	2 11	24 15	0 53	22 38	1 25	9 8	1 25	7 54	1 43	0 16	0 45	19 8	1 36	18 39	13 37	2 44	3 7	18 18	15 42	7 2
T 29	21 39	8 23	2 58	25 33	2 8	24 19	0 55	22 31	1 24	9 6	1 24	7 53	1 43	0 16	0 45	19 8	1 36	18 39	13 38	2 46	3 8	18 17	15 42	7 3
F 30	21 48	11 41	3 46	25 28	2 3	24 23	0 58	22 25	1 24	9 5	1 24	7 52	1 43	0 17	0 45	19 8	1 36	18 39	13 38	2 49	3 9	18 17	15 42	7 3
S 31	21n57	14s27	4n23	25n22	1n58	24n26	1n 0	22n17	1n24	9s 4	1n24	7s51	1s43	0n17	0n45	19n 9	1s36	18s39	13s38	2n53	3n10	18s17	15s42	7n 4

Julian Day Number = 2471023.5, Delta T = 75.57 sec
Ecliptic obliquity = 23°25'47, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°29'07, Lahiri = 24°36'08

ASTRODIENST EPHEMERIS for the year 2053
geocentric

JUNE 2053

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 39 47	10 ^{II} 59'28	5 [♂] 53	4 [♂] 14	0 [♂] 45	26 [♂] 43	26 [♂] R51	14 [♂] 6	1 [♂] R 0	2 ^{II} 53	14 [♂] 28	22 [♂] R31	21 [♂] 57	6 [♂] 50	13 [♂] R38	S 1
M 2	16 43 44	11 [♂] 56'57	17 [♂] 55	5 [♂] 16	1 [♂] 58	27 [♂] 20	26 [♂] 47	14 [♂] 9	1 [♂] 0	2 [♂] 55	14 [♂] 28	22 [♂] 18	21 [♂] 53	6 [♂] 57	13 [♂] 35	M 2
T 3	16 47 40	12 [♂] 54'26	29 [♂] 51	6 [♂] 15	3 [♂] 11	27 [♂] 56	26 [♂] 44	14 [♂] 11	1 [♂] 0	2 [♂] 57	14 [♂] 29	22 [♂] 5	21 [♂] 50	7 [♂] 3	13 [♂] 32	T 3
W 4	16 51 37	13 [♂] 51'53	11 [♂] 34	7 [♂] 10	4 [♂] 24	28 [♂] 33	26 [♂] 41	14 [♂] 13	1 [♂] 0	3 [♂] 0	14 [♂] 29	21 [♂] 52	21 [♂] 47	7 [♂] 10	13 [♂] 29	W 4
T 5	16 55 33	14 [♂] 49'19	23 [♂] 36	8 [♂] 1	5 [♂] 37	29 [♂] 9	26 [♂] 37	14 [♂] 15	0 [♂] 59	3 [♂] 2	14 [♂] 29	21 [♂] 42	21 [♂] 44	7 [♂] 17	13 [♂] 26	T 5
F 6	16 59 30	15 [♂] 46'45	5 [♂] 28	8 [♂] 48	6 [♂] 50	29 [♂] 46	26 [♂] 34	14 [♂] 17	0 [♂] 59	3 [♂] 4	14 [♂] 29	21 [♂] 34	21 [♂] 41	7 [♂] 24	13 [♂] 23	F 6
S 7	17 3 27	16 [♂] 44'10	17 [♂] 24	9 [♂] 31	8 [♂] 3	0 [♂] 22	26 [♂] 31	14 [♂] 19	0 [♂] 59	3 [♂] 6	14 [♂] 29	21 [♂] 29	21 [♂] 38	7 [♂] 30	13 [♂] 20	S 7
S 8	17 7 23	17 [♂] 41'34	29 [♂] 28	10 [♂] 10	9 [♂] 16	0 [♂] 59	26 [♂] 29	14 [♂] 20	0 [♂] D59	3 [♂] 8	14 [♂] 30	21 [♂] 26	21 [♂] 34	7 [♂] 37	13 [♂] 16	S 8
M 9	17 11 20	18 [♂] 38'57	11 [♂] 45	10 [♂] 44	10 [♂] 29	1 [♂] 35	26 [♂] 26	14 [♂] 22	0 [♂] 59	3 [♂] 11	14 [♂] 30	21 [♂] 25	21 [♂] 31	7 [♂] 44	13 [♂] 13	M 9
T 10	17 15 16	19 [♂] 36'20	24 [♂] 20	11 [♂] 15	11 [♂] 42	2 [♂] 12	26 [♂] 24	14 [♂] 23	0 [♂] 59	3 [♂] 13	14 [♂] 30	21 [♂] 25	21 [♂] 28	7 [♂] 50	13 [♂] 10	T 10
W11	17 19 13	20 [♂] 33'43	7 [♂] 17	11 [♂] 41	12 [♂] 55	2 [♂] 49	26 [♂] 22	14 [♂] 25	1 [♂] 0	3 [♂] 15	14 [♂] 30	21 [♂] 25	21 [♂] 25	7 [♂] 57	13 [♂] 6	W11
T 12	17 23 9	21 [♂] 31'05	20 [♂] 41	12 [♂] 2	14 [♂] 8	3 [♂] 25	26 [♂] 20	14 [♂] 26	1 [♂] 0	3 [♂] 17	14 [♂] 30	21 [♂] 23	21 [♂] 22	8 [♂] 4	13 [♂] 3	T 12
F 13	17 27 6	22 [♂] 28'26	4 [♂] 34	12 [♂] 19	15 [♂] 21	4 [♂] 2	26 [♂] 18	14 [♂] 27	1 [♂] 0	3 [♂] 19	14 [♂] 30	21 [♂] 19	21 [♂] 18	8 [♂] 11	12 [♂] 59	F 13
S 14	17 31 2	23 [♂] 25'47	18 [♂] 56	12 [♂] 32	16 [♂] 34	4 [♂] 38	26 [♂] 16	14 [♂] 28	1 [♂] 0	3 [♂] 21	14 [♂] R30	21 [♂] 12	21 [♂] 15	8 [♂] 17	12 [♂] 56	S 14
S 15	17 34 59	24 [♂] 23'08	3 ^{II} 45	12 [♂] 40	17 [♂] 47	5 [♂] 15	26 [♂] 15	14 [♂] 29	1 [♂] 1	3 [♂] 24	14 [♂] 30	21 [♂] 3	21 [♂] 12	8 [♂] 24	12 [♂] 52	S 15
M16	17 38 56	25 [♂] 20'28	18 [♂] 52	12 [♂] R43	19 [♂] 0	5 [♂] 52	26 [♂] 14	14 [♂] 30	1 [♂] 1	3 [♂] 26	14 [♂] 30	20 [♂] 52	21 [♂] 9	8 [♂] 31	12 [♂] 49	M16
T 17	17 42 52	26 [♂] 17'48	4 [♂] 9	12 [♂] 42	20 [♂] 13	6 [♂] 29	26 [♂] 12	14 [♂] 31	1 [♂] 2	3 [♂] 28	14 [♂] 30	20 [♂] 42	21 [♂] 6	8 [♂] 38	12 [♂] 45	T 17
W18	17 46 49	27 [♂] 15'07	19 [♂] 23	12 [♂] 37	21 [♂] 26	7 [♂] 5	26 [♂] 11	14 [♂] 32	1 [♂] 2	3 [♂] 30	14 [♂] 30	20 [♂] 32	21 [♂] 3	8 [♂] 44	12 [♂] 42	W18
T 19	17 50 45	28 [♂] 12'25	4 ^{II} 25	12 [♂] 27	22 [♂] 38	7 [♂] 42	26 [♂] 11	14 [♂] 33	1 [♂] 3	3 [♂] 32	14 [♂] 30	20 [♂] 24	20 [♂] 59	8 [♂] 51	12 [♂] 38	T 19
F 20	17 54 42	29 [♂] 9'43	19 [♂] 6	12 [♂] 13	23 [♂] 51	8 [♂] 19	26 [♂] 10	14 [♂] 33	1 [♂] 3	3 [♂] 34	14 [♂] 30	20 [♂] 19	20 [♂] 56	8 [♂] 58	12 [♂] 34	F 20
S 21	17 58 38	0 [♂] 6'59	3 ^{II} 22	11 [♂] 54	25 [♂] 4	8 [♂] 56	26 [♂] 10	14 [♂] 33	1 [♂] 4	3 [♂] 36	14 [♂] 29	20 [♂] 16	20 [♂] 53	9 [♂] 4	12 [♂] 31	S 21
S 22	18 2 35	1 [♂] 4'15	17 [♂] 10	11 [♂] 33	26 [♂] 17	9 [♂] 32	26 [♂] 10	14 [♂] 34	1 [♂] 5	3 [♂] 38	14 [♂] 29	20 [♂] D16	20 [♂] 50	9 [♂] 11	12 [♂] 27	S 22
M23	18 6 31	2 [♂] 1'30	0 [♂] 42	11 [♂] 8	27 [♂] 29	10 [♂] 9	26 [♂] D10	14 [♂] 34	1 [♂] 5	3 [♂] 40	14 [♂] 29	20 [♂] R16	20 [♂] 47	9 [♂] 18	12 [♂] 23	M23
T 24	18 10 28	2 [♂] 58'45	13 [♂] 32	10 [♂] 39	28 [♂] 42	10 [♂] 46	26 [♂] 10	14 [♂] 34	1 [♂] 6	3 [♂] 42	14 [♂] 29	20 [♂] 15	20 [♂] 43	9 [♂] 25	12 [♂] 20	T 24
W25	18 14 25	3 [♂] 55'59	26 [♂] 12	10 [♂] 9	29 [♂] 55	11 [♂] 23	26 [♂] 10	14 [♂] R34	1 [♂] 7	3 [♂] 44	14 [♂] 29	20 [♂] 14	20 [♂] 40	9 [♂] 31	12 [♂] 16	W25
T 26	18 18 21	4 [♂] 53'12	8 ^{II} 38	9 [♂] 36	1 [♂] 7	12 [♂] 0	26 [♂] 11	14 [♂] 34	1 [♂] 8	3 [♂] 46	14 [♂] 28	20 [♂] 9	20 [♂] 37	9 [♂] 38	12 [♂] 12	T 26
F 27	18 22 18	5 [♂] 50'25	20 [♂] 52	9 [♂] 2	2 [♂] 20	12 [♂] 37	26 [♂] 11	14 [♂] 34	1 [♂] 9	3 [♂] 48	14 [♂] 28	20 [♂] 3	20 [♂] 34	9 [♂] 45	12 [♂] 8	F 27
S 28	18 26 14	6 [♂] 47'37	2 [♂] 57	8 [♂] 26	3 [♂] 32	13 [♂] 13	26 [♂] 12	14 [♂] 34	1 [♂] 10	3 [♂] 50	14 [♂] 28	19 [♂] 53	20 [♂] 31	9 [♂] 51	12 [♂] 4	S 28
S 29	18 30 11	7 [♂] 44'49	14 [♂] 56	7 [♂] 51	4 [♂] 45	13 [♂] 50	26 [♂] 13	14 [♂] 33	1 [♂] 11	3 [♂] 52	14 [♂] 27	19 [♂] 42	20 [♂] 28	9 [♂] 58	12 [♂] 1	S 29
M30	18 34 7	8 [♂] 42'01	26 [♂] 51	7 [♂] 51	5 [♂] 57	14 [♂] 27	26 [♂] 15	14 [♂] 33	1 [♂] 12	3 ^{II} 54	14 [♂] 27	19 [♂] 29	20 [♂] 24	10 [♂] 5	11 [♂] 57	M30

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	22n 5	16s33	4n48	25n14	1n52	24n28	1n 2	22n10	1n24	9s 3	1n24	7s51	1s44	0n17	0n45	19n 9	1s36	18s40	13s39	2n58	3n12	18s17	15s42	7n 4	
M 2	22 13	17 55	4 59	25 5	1 45	24 29	1 4	22 3	1 23	9 2	1 23	7 50	1 44	0 17	0 45	19 10	1 36	18 40	13 39	3 3	3 13	18 17	15 42	7 5	
T 3	22 20	18 28	4 57	24 54	1 37	24 29	1 6	21 55	1 23	9 1	1 23	7 49	1 44	0 17	0 44	19 10	1 36	18 40	13 40	3 8	3 14	18 17	15 42	7 5	
W 4	22 27	18 13	4 43	24 43	1 29	24 29	1 8	21 48	1 23	9 0	1 23	7 49	1 44	0 17	0 44	19 11	1 36	18 40	13 40	3 13	3 15	18 17	15 42	7 5	
T 5	22 34	17 10	4 16	24 31	1 20	24 29	1 10	21 40	1 23	8 59	1 23	7 48	1 45	0 17	0 44	19 11	1 36	18 41	13 40	3 18	3 17	18 17	15 41	7 6	
F 6	22 40	15 23	3 37	24 18	1 10	24 27	1 12	21 32	1 22	8 58	1 22	7 48	1 45	0 17	0 44	19 11	1 36	18 41	13 41	3 21	3 18	18 17	15 41	7 6	
S 7	22 46	12 55	2 49	24 4	0 59	24 25	1 14	21 24	1 22	8 57	1 22	7 47	1 45	0 17	0 44	19 12	1 36	18 41	13 41	3 23	3 19	18 16	15 41	7 6	
S 8	22 52	9 53	1 53	23 49	0 47	24 22	1 16	21 16	1 22	8 56	1 22	7 47	1 45	0 17	0 44	19 12	1 36	18 41	13 41	3 24	3 20	18 16	15 41	7 7	
M 9	22 57	6 22	0 51	23 34	0 35	24 18	1 17	21 7	1 21	8 56	1 22	7 46	1 46	0 17	0 44	19 13	1 36	18 42	13 42	3 24	3 22	18 16	15 41	7 7	
T 10	23 1	2 29	0s15	23 19	0 22	24 14	1 19	20 59	1 21	8 55	1 21	7 46	1 46	0 17	0 44	19 13	1 36	18 42	13 42	3 24	3 23	18 16	15 41	7 7	
W11	23 6	1n37	1 23	23 3	0 8	24 8	1 21	20 50	1 21	8 55	1 21	7 46	1 46	0 17	0 44	19 13	1 36	18 42	13 42	3 24	3 24	18 16	15 41	7 8	
T 12	23 9	5 47	2 28	22 47	0s 6	24 3	1 22	20 41	1 20	8 54	1 21	7 45	1 46	0 17	0 44	19 14	1 36	18 42	13 43	3 25	3 25	18 16	15 41	7 8	
F 13	23 13	9 47	3 27	22 30	0 21	23 56	1 24	20 32	1 20	8 54	1 21	7 45	1 46	0 17	0 44	19 14	1 36	18 43	13 43	3 27	3 27	18 16	15 41	7 8	
S 14	23 16	13 22	4 15	22 14	0 37	23 49	1 25	20 23	1 20	8 53	1 20	7 45	1 47	0 16	0 44	19 15	1 36	18 43	13 43	3 29	3 28	18 16	15 41	7 9	
S 15	23 19	16 11	4 47	21 57	0 53	23 41	1 27	20 14	1 20	8 53	1 20	7 45	1 47	0 16	0 44	19 15	1 36	18 43	13 44	3 33	3 29	18 15	15 41	7 9	
M16	23 21	17 58	5 0	21 41	1 9	23 32	1 28	20 5	1 19	8 53	1 20	7 45	1 47	0 16	0 44	19 15	1 36	18 44	13 44	3 37	3 30	18 15	15 42	7 9	
T 17	23 23	18 30	4 52	21 25	1 25	23 23	1 30	19 55	1 19	8 53	1 20	7 45	1 47	0 16	0 44	19 16	1 36	18 44	13 45	3 41	3 32	18 15	15 42	7 9	
W18	23 24	17 41	4 24	21 8	1 42	23 13	1 31	19 46	1 19	8 53	1 19	7 45	1 48	0 16	0 44	19 16	1 36	18 45	13 45	3 45	3 33	18 15	15 42	7 10	
T 19	23 25	15 38	3 37	20 53	1 59	23 3	1 32	19 36	1 18	8 53	1 19	7 45	1 48	0 15	0 44	19 16	1 36	18 45	13 45	3 48	3 34	18 15	15 42	7 10	
F 20	23 26	12 36	2 37	20 37	2 15	22 51	1 33	19 26	1 18	8 53	1 19	7 45	1 48	0 15	0 44	19 17	1 36	18 45	13 46	3 50	3 35	18 15	15 42	7 10	
S 21	23 26	8 54	1 28	20 23	2 32	22 39	1 34	19 16	1 18	8 53	1 18	7 45	1 48	0 15	0 44	19 17	1 36	18 46	13 46	3 51	3 37	18 14	15 42	7 10	
S 22	23 26	4 49	0 16	20 8	2 48	22 27	1 35	19 6	1 17	8 53	1 18	7 45	1 49	0 14	0 44	19 18	1 36	18 46	13 46	3 51	3 38	18 14	15 42	7 10	
M23	23 25	0 37	0n54	19 55	3 4	22 14	1 36	18 56	1 17	8 53	1 18	7 45	1 49	0 14	0 44	19 18	1 36	18 46	13 47	3 51	3 39	18 14	15 42	7 11	
T 24	23 24	3s30	2 0	19 42	3 19	22 0	1 37	18 45	1 17	8 53	1 18	7 45	1 49	0 14	0 44	19 18	1 36	18 47	13 47	3 52	3 40	18 14	15 42	7 11	
W25	23 22	7 21	2 58	19 30	3 33	21 45	1 38	18 35	1 16	8 54	1 17	7 45	1 49	0 13	0 44	19 19	1 36	18 47	13 47	3 52	3 42	18 14	15 43	7 11	
T 26	23 20	10 48	3 47	19 19	3 46	21 30	1 39	18 24	1 16	8 54	1 17	7 46	1 50	0 13	0 43	19 19	1 36	18 48	13 48	3 54	3 43	18 14	15 43	7 11	
F 27	23 18	13 43	4 24	19 9	3 59	21 15	1 39	18 14	1 16	8 55	1 17	7 46	1 50	0 12	0 43	19 19	1 37	18 48	13 48	3 57	3 44	18 13	15 43	7 11	
S 28	23 15	16 1	4 48	19 0	4 10	20 59	1 40	18 3	1 16	8 55	1 17	7 46	1 50	0 12	0 43	19 20	1 37	18 49	13 49	4 0	3 45	18 13	15 43	7 11	
S 29	23 12	17 36	5 0	18 53	4 20	20 42	1 40	17 52	1 15	8 56	1 16	7 47	1 50	0 11	0 43	19 20	1 37	18 49	13 49	4 5	3 47	18 13	15 43	7 11	
M30	23n 9	18s25	4n59	18n46	4s28	20n24	1n41	17n41	1n15	8s57	1n16	7s47	1s51	0n11	0n43	19n20	1s37	18s49	13s49	4n10	3n48	18s13	15s44	7n12	

ASTRODIENST EPHEMERIS for the year 2053

geocentric

JULY 2053

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	18 38 4	9 ⁵³ 39'13	8 ³⁴ 44	6 ⁴⁰ R40	7 ¹⁰ L10	15 ⁵² Ω 4	26 ¹⁶ ♁16	14 ⁴⁰ R32	1 ¹⁴ ♂14	3 ¹¹ ♂56	14 ⁴⁰ R27	19 ⁴⁰ R17	20 ¹⁰ ♂21	10 ¹⁰ ♂12	11 ⁴⁰ R53	T 1
W 2	18 42 0	10 ³⁶ 24	20 ³⁶	6 ⁴⁰ 7	8 ²²	15 ⁴¹	26 ¹⁸	14 ⁴⁰ ♂31	1 ¹⁵	3 ⁵⁸	14 ⁴⁰ ♂26	19 ⁴⁰ ♂5	20 ¹⁸	10 ¹⁸	11 ⁴⁰ ♂49	W 2
T 3	18 45 57	11 ³³ 35	2 ²² 29	5 ³⁶	9 ³⁴	16 ¹⁸	26 ¹⁹	14 ³¹	1 ¹⁶	4 ⁰	14 ²⁶	18 ⁵⁵	20 ¹⁵	10 ²⁵	11 ⁴⁵	T 3
F 4	18 49 54	12 ³⁰ 47	14 ²⁴	5 ⁸	10 ⁴⁷	16 ⁵⁵	26 ²¹	14 ³⁰	1 ¹⁸	4 ²	14 ²⁵	18 ⁴⁸	20 ¹²	10 ³²	11 ⁴²	F 4
S 5	18 53 50	13 ²⁷ 58	26 ²⁴	4 ⁴²	11 ⁵⁹	17 ³²	26 ²³	14 ²⁹	1 ¹⁹	4 ³	14 ²⁵	18 ⁴³	20 ⁹	10 ³⁸	11 ³⁸	S 5
S 6	18 57 47	14 ²⁵ 09	8 ³²	4 ²⁰	13 ¹¹	18 ⁹	26 ²⁶	14 ²⁸	1 ²⁰	4 ⁵	14 ²⁴	18 ⁴¹	20 ⁵	10 ⁴⁵	11 ³⁴	S 6
M 7	19 1 43	15 ²² 21	20 ⁵²	4 ²	14 ²³	18 ⁴⁶	26 ²⁸	14 ²⁷	1 ²²	4 ⁷	14 ²⁴	18 ⁴⁰ D40	20 ²	10 ⁵²	11 ³⁰	M 7
T 8	19 5 40	16 ¹⁹ 33	3 ⁴⁰ 27	3 ⁴⁸	15 ³⁶	19 ²³	26 ³¹	14 ²⁵	1 ²³	4 ⁹	14 ²³	18 ⁴¹	19 ⁵⁹	10 ⁵⁹	11 ²⁶	T 8
W 9	19 9 36	17 ¹⁶ 45	16 ²²	3 ³⁹	16 ⁴⁸	20 ¹	26 ³⁴	14 ²⁴	1 ²⁵	4 ¹¹	14 ²³	18 ⁴¹	19 ⁵⁶	11 ⁵	11 ²³	W 9
T 10	19 13 33	18 ¹³ 58	29 ⁴¹	3 ³⁰ D35	18 ⁰	20 ³⁸	26 ³⁷	14 ²³	1 ²⁷	4 ¹²	14 ²²	18 ⁴¹	19 ⁵³	11 ¹²	11 ¹⁹	T 10
F 11	19 17 29	19 ¹¹ 11	13 ⁸ 27	3 ³⁶	19 ¹²	21 ¹⁵	26 ⁴⁰	14 ²¹	1 ²⁸	4 ¹⁴	14 ²²	18 ³⁸	19 ⁴⁹	11 ¹⁹	11 ¹⁵	F 11
S 12	19 21 26	20 ⁸ 25	27 ⁴¹	3 ⁴¹	20 ²⁴	21 ⁵²	26 ⁴³	14 ¹⁹	1 ³⁰	4 ¹⁶	14 ²¹	18 ³⁴	19 ⁴⁶	11 ²⁵	11 ¹¹	S 12
S 13	19 25 23	21 ⁵ 39	12 ¹¹ 21	3 ⁵³	21 ³⁶	22 ²⁹	26 ⁴⁶	14 ¹⁸	1 ³²	4 ¹⁷	14 ²⁰	18 ²⁷	19 ⁴³	11 ³²	11 ⁸	S 13
M14	19 29 19	22 ² 54	27 ²²	4 ⁹	22 ⁴⁸	23 ⁶	26 ⁵⁰	14 ¹⁶	1 ³⁴	4 ¹⁹	14 ²⁰	18 ¹⁹	19 ⁴⁰	11 ³⁹	11 ⁴	M14
T 15	19 33 16	23 ⁰ 09	12 ¹⁰ 36	4 ³¹	24 ⁰	23 ⁴⁴	26 ⁵⁴	14 ¹⁴	1 ³⁶	4 ²¹	14 ¹⁹	18 ¹¹	19 ³⁷	11 ⁴⁶	11 ⁰	T 15
W16	19 37 12	23 ⁵⁷ 25	27 ⁵¹	4 ⁵⁸	25 ¹²	24 ²¹	26 ⁵⁸	14 ¹²	1 ³⁸	4 ²²	14 ¹⁸	18 ⁴	19 ³⁴	11 ⁵²	10 ⁵⁷	W16
T 17	19 41 9	24 ⁵⁴ 41	12 ¹⁰ 58	5 ³¹	26 ²⁴	24 ⁵⁸	27 ²	14 ¹⁰	1 ⁴⁰	4 ²⁴	14 ¹⁸	17 ⁵⁸	19 ³⁰	11 ⁵⁹	10 ⁵³	T 17
F 18	19 45 5	25 ⁵¹ 57	27 ⁴⁷	6 ⁹	27 ³⁶	25 ³⁵	27 ⁶	14 ⁸	1 ⁴²	4 ²⁵	14 ¹⁷	17 ⁵⁴	19 ²⁷	12 ⁶	10 ⁴⁹	F 18
S 19	19 49 2	26 ⁴⁹ 13	12 ¹⁰ 11	6 ⁵²	28 ⁴⁷	26 ¹³	27 ¹¹	14 ⁵	1 ⁴⁴	4 ²⁷	14 ¹⁶	17 ⁵² D52	19 ²⁴	12 ¹²	10 ⁴⁶	S 19
S 20	19 52 58	27 ⁴⁶ 30	26 ⁸	7 ⁴⁰	29 ⁵⁹	26 ⁵⁰	27 ¹⁵	14 ³	1 ⁴⁶	4 ²⁸	14 ¹⁵	17 ⁵³	19 ²¹	12 ¹⁹	10 ⁴²	S 20
M21	19 56 55	28 ⁴³ 46	9 ⁴² 37	8 ³⁴	1 ¹⁰ 11	27 ²⁷	27 ²⁰	14 ¹	1 ⁴⁸	4 ³⁰	14 ¹⁴	17 ⁵⁴	19 ¹⁸	12 ²⁶	10 ³⁹	M21
T 22	20 0 52	29 ⁴¹ 03	22 ⁴⁰	9 ³³	2 ²²	28 ⁵	27 ²⁵	13 ⁵⁸	1 ⁵⁰	4 ³¹	14 ¹⁴	17 ⁵⁵	19 ¹⁵	12 ³³	10 ³⁵	T 22
W23	20 4 48	0 ¹⁰ 38'20	5 ¹⁰ 22	10 ³⁷	3 ³⁴	28 ⁴²	27 ³⁰	13 ⁵⁵	1 ⁵²	4 ³³	14 ¹³	17 ⁵⁵ R55	19 ¹¹	12 ³⁹	10 ³²	W23
T 24	20 8 45	1 ³⁵ 38	17 ⁴⁵	11 ⁴⁶	4 ⁴⁶	29 ²⁰	27 ³⁵	13 ⁵³	1 ⁵⁵	4 ³⁴	14 ¹²	17 ⁵³	19 ⁸	12 ⁴⁶	10 ²⁸	T 24
F 25	20 12 41	2 ³² 55	29 ⁵⁶	13 ⁰	5 ⁵⁷	29 ⁵⁷	27 ⁴¹	13 ⁵⁰	1 ⁵⁷	4 ³⁶	14 ¹¹	17 ⁵⁰	19 ⁵	12 ⁵³	10 ²⁵	F 25
S 26	20 16 38	3 ³⁰ 14	11 ⁴⁷ 57	14 ¹⁹	7 ⁹	0 ¹⁰ 35	27 ⁴⁶	13 ⁴⁷	1 ⁵⁹	4 ³⁷	14 ¹⁰	17 ⁴⁵	19 ²	12 ⁵⁹	10 ²²	S 26
S 27	20 20 34	4 ²⁷ 32	23 ⁵²	15 ⁴²	8 ²⁰	1 ¹²	27 ⁵²	13 ⁴⁴	2 ²	4 ³⁸	14 ⁹	17 ³⁸	18 ⁵⁹	13 ⁶	10 ¹⁸	S 27
M28	20 24 31	5 ²⁴ 51	5 ³⁴ 44	17 ¹⁰	9 ³¹	1 ⁴⁹	27 ⁵⁸	13 ⁴¹	2 ⁴	4 ⁴⁰	14 ⁸	17 ³⁰	18 ⁵⁵	13 ¹³	10 ¹⁵	M28
T 29	20 28 27	6 ²² 11	17 ³⁶	18 ⁴²	10 ⁴³	2 ²⁷	28 ⁴	13 ³⁸	2 ⁷	4 ⁴¹	14 ⁸	17 ²³	18 ⁵²	13 ²⁰	10 ¹²	T 29
W30	20 32 24	7 ¹⁹ 33	29 ³⁰	20 ¹⁹	11 ⁵⁴	3 ⁵	28 ¹⁰	13 ³⁵	2 ⁹	4 ⁴²	14 ⁷	17 ¹⁶	18 ⁴⁹	13 ²⁶	10 ⁹	W30
T 31	20 36 21	8 ¹⁰ 16'53	11 ⁴² 27	21 ¹⁰ 59	13 ¹⁰ 5	3 ¹⁰ 42	28 ¹⁶ 16	13 ³² 32	2 ¹² 12	4 ⁴⁴ 43	14 ⁶ 6	17 ¹⁰ 10	18 ¹⁰ 46	13 ³³ 33	10 ¹⁰ 5	T 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat	decl	lat
T 1	23n 5	18s25	4n44	18n41	4s35	20n 6	1n41	17n30	1n15	8s57	1n16	7s47	1s51	0n10	0n43	19n21	1s37	18s50	13s49	4n14	3n49	18s13	15s44	7n12			
W 2	23 0	17 36	4 18	18 37	4 40	19 48	1 42	17 18	1 14	8 58	1 15	7 48	1 51	0 10	0 43	19 21	1 37	18 50	13 50	4 19	3 50	18 12	15 44	7 12			
T 3	22 56	16 2	3 40	18 35	4 44	19 29	1 42	17 7	1 14	8 59	1 15	7 48	1 51	0 9	0 43	19 21	1 37	18 51	13 50	4 23	3 52	18 12	15 44	7 12			
F 4	22 50	13 46	2 52	18 34	4 46	19 10	1 42	16 56	1 14	9 0	1 15	7 49	1 52	0 9	0 43	19 22	1 37	18 51	13 50	4 26	3 53	18 12	15 45	7 12			
S 5	22 45	10 54	1 56	18 34	4 47	18 50	1 42	16 44	1 13	9 1	1 15	7 50	1 52	0 8	0 43	19 22	1 37	18 52	13 51	4 28	3 54	18 12	15 45	7 12			
S 6	22 39	7 32	0 54	18 35	4 46	18 29	1 42	16 32	1 13	9 2	1 14	7 50	1 52	0 8	0 43	19 22	1 37	18 52	13 51	4 29	3 55	18 12	15 45	7 12			
M 7	22 33	3 48	0s12	18 38	4 44	18 8	1 42	16 20	1 13	9 3	1 14	7 51	1 52	0 7	0 43	19 23	1 37	18 53	13 51	4 29	3 57	18 11	15 46	7 12			
T 8	22 26	0n10	1 18	18 42	4 40	17 47	1 42	16 9	1 12	9 5	1 14	7 52	1 53	0 6	0 43	19 23	1 37	18 53	13 52	4 29	3 58	18 11	15 46	7 12			
W 9	22 19	4 14	2 22	18 47	4 35	17 25	1 42	15 57	1 12	9 6	1 14	7 52	1 53	0 6	0 43	19 23	1 37	18 54	13 52	4 28	3 59	18 11	15 46	7 12			
T 10	22 11	8 13	3 21	18 54	4 29	17 2	1 41	15 44	1 12	9 7	1 13	7 53	1 53	0 5	0 43	19 23	1 37	18 54	13 52	4 29	4 0	18 11	15 47	7 12			
F 11	22 3	11 54	4 10	19 1	4 22	16 39	1 41	15 32	1 11	9 9	1 13	7 54	1 53	0 4	0 43	19 24	1 37	18 55	13 53	4 30	4 2	18 11	15 47	7 12			
S 12	21 55	15 0	4 45	19 10	4 13	16 16	1 40	15 20	1 11	9 10	1 13	7 55	1 53	0 3	0 43	19 24	1 37	18 55	13 53	4 31	4 3	18 10	15 47	7 12			
S 13	21 47	17 15	5 4	19 19	4 4	15 53	1 40	15 7	1 10	9 11	1 13	7 56	1 54	0 3	0 43	19 24	1 37	18 56	13 53	4 34	4 4	18 10	15 48	7 12			
M14	21 38	18 23	5 2	19 29	3 53	15 28	1 39	14 55	1 10	9 13	1 12	7 57	1 54	0 2	0 43	19 25	1 37	18 56	13 54	4 37	4 5	18 10	15 48	7 12			
T 15	21 28	18 13	4 38	19 39	3 42	15 4	1 39	14 42	1 10	9 15	1 12	7 57	1 54	0 1	0 43	19 25	1 37	18 57	13 54	4 40	4 7	18 10	15 48	7 12			
W16	21 18	16 44	3 55	19 50	3 30	14 39	1 38	14 30	1 9	9 16	1 12	7 58	1 54	0 0	0 43	19 25	1 37	18 58	13 54	4 43	4 8	18 9	15 49	7 11			
T 17	21 8	14 6	2 56	20 1	3 18	14 14	1 37	14 17	1 9	9 18	1 11	7 59	1 55	0s 0	0 43	19 25	1 37	18 58	13 55	4 45	4 9	18 9	15 49	7 11			
F 18	20 58	10 35	1 46	20 12	3 5	13 48	1 36	14 4	1 9	9 20	1 11	8 1	1 55	0 1	0 43	19 26	1 37	18 59	13 55	4 47	4 10	18 9	15 49	7 11			
S 19	20 47	6 31	0 31	20 24	2 52	13 22	1 35	13 51	1 8	9 22	1 11	8 2	1 55	0 2	0 43	19 26	1 37	18 59	13 55	4 47	4 12	18 9	15 50	7 11			
S 20	20 36	2 13	0n44	20 35	2 38	12 56	1 34	13 38	1 8	9 24	1 11	8 3	1 55	0 3	0 42	19 26	1 37	19 0	13 55	4 47	4 13	18 8	15 50	7 11			
M21	20 24	2s 3	1 54	20 46	2 24	12 30	1 33	13 25	1 8	9 25	1 10	8 4	1 55	0 4	0 42	19 26	1 37	19 0	13 56	4 47	4 14	18 8	15 51	7 11			
T 22	20 13	6 5	2 56	20 56	2 9	12 3	1 31	13 11	1 7	9 27	1 10	8 5	1 56	0 5	0 42	19 26	1 37	19 1	13 56	4 47	4 15	18 8	15 51	7 11			
W23	20 0	9 43	3 48	21 6	1 55	11 35	1 30	12 58	1 7	9 30	1 10	8 6	1 56	0 6	0 42	19 27	1 37	19 1	13 56	4 47	4 17	18 8	15 51	7 11			
T 24	19 48	12 50	4 27	21 14	1 40	11 8	1 28	12 45	1 7	9 32	1 10	8 7	1 56	0 7	0 42	19 27	1 37	19 2	13 56	4 47	4 18	18 7	15 52	7 10			
F 25	19 35	15 20	4 54	21 22	1 26	10 40	1 27	12 31	1 6	9 34	1 9	8 9	1 56	0 8	0 42	19 27	1 37	19 3	13 57	4 48	4 19	18 7	15 52	7 10			
S 26	19 22	17 8	5 7	21 28	1 12	10 12	1 25	12 18	1 6	9 36	1 9	8 10	1 56	0 9	0 42	19 27	1 37	19 3	13 57	4 50	4 20	18 7	15 53	7 10			
S 27	19 8	18 11	5 7	21 33	0 57	9 44	1 24	12 4	1 6	9 38	1 9	8 11	1 57	0 10	0 42	19 28	1 38	19 4	13 57	4 53	4 22	18 7	15 53	7 10			
M28	18 55	18 25	4 53	21 37	0 43	9 16	1 22	11 50	1 5	9 41	1 9	8 13	1 57	0 11	0 42	19 28	1 38	19 4	13 57	4 56	4 23	18 6	15 54	7 10			
T 29	18 40	17 51	4 27	21 38	0 30	8 47	1 20	11 36	1 5	9 43	1 8	8 14	1 57	0 12	0 42	19 28	1 38	19 5	13 58	4 59	4 24	18 6	15 54	7 9			
W30	18 26	16 30	3 49	21 38	0 16	8 18	1 18	11 22	1 4	9 45	1 8	8 15	1 57	0 13	0 42	19 28	1 38	19 6	13 58	5 2	4 25	18 6	15 55	7 9			
T 31	18n11	14s26	3n 1	21n35	0s 3	7n49	1n16	11n 8	1n 4	9s48	1n 8	8s17	1s57	0s14	0n42	19n28	1s38	19s 6	13s58	5n 4	4n27	18s 5	15s55	7n 9			

ASTRODIENST EPHEMERIS for the year 2053
geocentric

AUGUST 2053

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 40 17	9♏14°15'	23♋29	23♋44	14♏16	4♏20	28♏22	13°R28	2♏14	4♏45	14°R 5	17°R 6	18♏43	13♋40	10°R 2	F 1
S 2	20 44 14	10°11'38	5♋39	25°31	15°27	4°57	28°29	13♋25	2°17	4°46	14♋4	17♏3	18°40	13°46	9♋59	S 2
S 3	20 48 10	11° 9'01	17°57	27°22	16°38	5°35	28°36	13°22	2°20	4°47	14° 3	17°D 3	18°36	13°53	9°56	S 3
M 4	20 52 7	12° 6'26	0♏26	29°16	17°49	6°13	28°42	13°18	2°22	4°48	14° 2	17° 3	18°33	14° 0	9°53	M 4
T 5	20 56 3	13° 3'52	13°10	1♏12	19° 0	6°50	28°49	13°14	2°25	4°49	14° 1	17° 5	18°30	14° 6	9°51	T 5
W 6	21 0 0	14° 1'19	26°10	3°10	20°11	7°28	28°56	13°11	2°28	4°50	14° 0	17° 6	18°27	14°13	9°48	W 6
T 7	21 3 56	14°58'48	9♋30	5°10	21°22	8° 6	29° 4	13° 7	2°31	4°51	13°59	17°R 7	18°24	14°20	9°45	T 7
F 8	21 7 53	15°56'18	23°11	7°11	22°33	8°43	29°11	13° 3	2°33	4°52	13°57	17° 7	18°21	14°27	9°42	F 8
S 9	21 11 50	16°53'49	7♏15	9°14	23°44	9°21	29°18	13° 0	2°36	4°53	13°56	17° 6	18°17	14°33	9°40	S 9
S 10	21 15 46	17°51'21	21°41	11°17	24°54	9°59	29°26	12°56	2°39	4°54	13°55	17° 3	18°14	14°40	9°37	S 10
M 11	21 19 43	18°48'55	6♋25	13°20	26° 5	10°37	29°34	12°52	2°42	4°55	13°54	17° 0	18°11	14°47	9°35	M 11
T 12	21 23 39	19°46'31	21°21	15°24	27°15	11°15	29°41	12°48	2°45	4°56	13°53	16°56	18° 8	14°53	9°32	T 12
W 13	21 27 36	20°44'07	6♏22	17°27	28°26	11°53	29°49	12°44	2°48	4°57	13°52	16°53	18° 5	15° 0	9°30	W 13
T 14	21 31 32	21°41'45	21°18	19°30	29°36	12°31	29°57	12°40	2°51	4°58	13°51	16°50	18° 1	15° 7	9°27	T 14
F 15	21 35 29	22°39'24	6♏1	21°33	0♏47	13° 9	0♏6	12°36	2°54	4°58	13°50	16°48	17°58	15°14	9°25	F 15
S 16	21 39 25	23°37'04	20°25	23°35	1°57	13°47	0°14	12°31	2°58	4°59	13°48	16°D48	17°55	15°20	9°23	S 16
S 17	21 43 22	24°34'45	4♏25	25°35	3° 7	14°25	0°22	12°27	3° 1	5° 0	13°47	16°49	17°52	15°27	9°21	S 17
M 18	21 47 19	25°32'28	17°59	27°35	4°17	15° 3	0°31	12°23	3° 4	5° 0	13°46	16°50	17°49	15°34	9°19	M 18
T 19	21 51 15	26°30'11	1♏8	29°34	5°27	15°41	0°40	12°19	3° 7	5° 1	13°45	16°52	17°46	15°40	9°17	T 19
W 20	21 55 12	27°27'55	13°53	1♏31	6°37	16°19	0°48	12°14	3°10	5° 2	13°44	16°53	17°42	15°47	9°15	W 20
T 21	21 59 8	28°25'41	26°20	3°28	7°47	16°57	0°57	12°10	3°14	5° 2	13°43	16°R53	17°39	15°54	9°13	T 21
F 22	22 3 5	29°23'28	8♏31	5°22	8°57	17°35	1° 6	12° 6	3°17	5° 3	13°41	16°53	17°36	16° 1	9°11	F 22
S 23	22 7 1	0♏21'16	20°31	7°16	10° 7	18°13	1°15	12° 1	3°20	5° 3	13°40	16°52	17°33	16° 7	9° 9	S 23
S 24	22 10 58	1°19'05	2♋26	9° 8	11°17	18°51	1°24	11°57	3°23	5° 4	13°39	16°50	17°30	16°14	9° 8	S 24
M 25	22 14 54	2°16'55	14°17	10°59	12°26	19°29	1°34	11°52	3°27	5° 4	13°38	16°48	17°27	16°21	9° 6	M 25
T 26	22 18 51	3°14'46	26°10	12°49	13°36	20° 8	1°43	11°48	3°30	5° 5	13°37	16°46	17°23	16°27	9° 5	T 26
W 27	22 22 48	4°12'39	8♋8	14°37	14°45	20°46	1°53	11°43	3°34	5° 5	13°35	16°44	17°20	16°34	9° 3	W 27
T 28	22 26 44	5°10'34	20°12	16°24	15°55	21°24	2° 2	11°39	3°37	5° 6	13°34	16°43	17°17	16°41	9° 2	T 28
F 29	22 30 41	6° 8'29	2♋25	18°10	17° 4	22° 3	2°12	11°34	3°40	5° 6	13°33	16°42	17°14	16°47	9° 1	F 29
S 30	22 34 37	7° 6'27	14°48	19°54	18°13	22°41	2°22	11°30	3°44	5° 6	13°32	16°D42	17°11	16°54	9° 0	S 30
S 31	22 38 34	8♏4'25	27♋23	21♏37	19♏22	23♏19	2♏32	11♋25	3♏47	5♏6	13♋30	16♏42	17♏7	17♋1	8♋58	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	17n56	11s43	2n 5	21n30	0n 9	7n19	1n14	10n54	1n 4	9s50	1n 8	8s18	1s58	0s15	0n42	19n28
S 2	17 41	8 29	1 2	21 22	0 21	6 50	1 12	10 40	1 3	9 53	1 8	8 20	1 58	0 16	0 42	19 29
S 3	17 25	4 50	0s 5	21 12	0 32	6 20	1 9	10 26	1 3	9 55	1 7	8 21	1 58	0 17	0 42	19 29
M 4	17 9	0 56	1 3	20 59	0 43	5 50	1 7	10 12	1 3	9 58	1 7	8 23	1 58	0 18	0 42	19 29
T 5	16 53	3n 5	2 18	20 44	0 52	5 20	1 5	9 58	1 2	10 1	1 7	8 24	1 58	0 19	0 42	19 29
W 6	16 37	7 2	3 18	20 26	1 1	4 50	1 2	9 43	1 2	10 3	1 7	8 26	1 59	0 20	0 42	19 29
T 7	16 20	10 43	4 8	20 5	1 9	4 20	1 0	9 29	1 1	10 6	1 6	8 27	1 59	0 21	0 42	19 29
F 8	16 3	13 56	4 46	19 42	1 17	3 50	0 57	9 14	1 1	10 9	1 6	8 29	1 59	0 23	0 42	19 29
S 9	15 46	16 26	5 9	19 17	1 23	3 19	0 54	9 0	1 1	10 12	1 6	8 31	1 59	0 24	0 42	19 30
S 10	15 28	17 59	5 12	18 49	1 29	2 49	0 52	8 45	1 0	10 15	1 6	8 32	1 59	0 25	0 42	19 30
M 11	15 11	18 21	4 55	18 18	1 34	2 18	0 49	8 30	1 0	10 17	1 6	8 34	1 59	0 26	0 42	19 30
T 12	14 53	17 29	4 19	17 46	1 38	1 47	0 46	8 16	0 59	10 20	1 5	8 36	1 59	0 27	0 42	19 30
W 13	14 35	15 23	3 24	17 12	1 41	1 17	0 43	8 1	0 59	10 23	1 5	8 37	2 0	0 29	0 42	19 30
T 14	14 16	12 15	2 16	16 36	1 43	0 46	0 40	7 46	0 59	10 26	1 5	8 39	2 0	0 30	0 42	19 30
F 15	13 57	8 23	0 59	15 58	1 45	0 15	0 37	7 31	0 58	10 29	1 5	8 41	2 0	0 31	0 42	19 30
S 16	13 39	4 6	0n20	15 19	1 46	0s16	0 33	7 16	0 58	10 33	1 4	8 42	2 0	0 32	0 42	19 30
S 17	13 19	0s18	1 36	14 39	1 46	0 47	0 30	7 1	0 58	10 36	1 4	8 44	2 0	0 34	0 42	19 30
M 18	13 0	4 32	2 43	13 57	1 45	1 18	0 27	6 46	0 57	10 39	1 4	8 46	2 0	0 35	0 42	19 30
T 19	12 41	8 25	3 41	13 15	1 44	1 48	0 23	6 31	0 57	10 42	1 4	8 48	2 0	0 36	0 42	19 31
W 20	12 21	11 47	4 25	12 31	1 42	2 19	0 20	6 16	0 56	10 45	1 4	8 49	2 1	0 38	0 42	19 31
T 21	12 1	14 32	4 56	11 47	1 40	2 50	0 17	6 1	0 56	10 49	1 3	8 51	2 1	0 39	0 41	19 31
F 22	11 41	16 34	5 12	11 3	1 37	3 21	0 13	5 45	0 55	10 52	1 3	8 53	2 1	0 40	0 41	19 31
S 23	11 21	17 51	5 15	10 17	1 34	3 52	0 9	5 30	0 55	10 55	1 3	8 55	2 1	0 41	0 41	19 31
S 24	11 0	18 20	5 4	9 32	1 30	4 22	0 6	5 15	0 55	10 59	1 3	8 57	2 1	0 43	0 41	19 31
M 25	10 39	18 1	4 40	8 46	1 26	4 53	0 2	4 59	0 54	11 2	1 3	8 58	2 1	0 44	0 41	19 31
T 26	10 19	16 54	4 4	8 0	1 21	5 23	0s 2	4 44	0 54	11 5	1 2	9 0	2 1	0 46	0 41	19 31
W 27	9 58	15 3	3 18	7 14	1 16	5 54	0 6	4 29	0 53	11 9	1 2	9 2	2 1	0 47	0 41	19 31
T 28	9 37	12 30	2 22	6 27	1 11	6 24	0 9	4 13	0 53	11 12	1 2	9 4	2 1	0 48	0 41	19 31
F 29	9 15	9 24	1 18	5 41	1 5	6 54	0 13	3 58	0 53	11 16	1 2	9 6	2 1	0 50	0 41	19 31
S 30	8 54	5 49	0 11	4 55	0 59	7 24	0 17	3 42	0 52	11 19	1 2	9 7	2 2	0 51	0 41	19 31
S 31	8n32	1s57	0s59	4n 8	0n53	7s54	0s21	3n27	0n52	11s23	1n 2	9s 9	2s 2	0s52	0n41	19n31

Julian Day Number = 2471115.5, Delta T = 75.64 sec
Ecliptic obliquity = 23°25'47, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°29'20, Lahiri = 24°36'20

ASTRODIENST EPHEMERIS for the year 2053

geocentric

SEPTEMBER 2053

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 42 30	9 ^h 2'26"	10 ^h 10'	23 ^h 19'	20 ^h 31'	23 ^h 58'	2 ^h 42'	11 ^h 20'	3 ^h 51'	5 ^h 11'	13 ^h 29'	16 ^h 42'	17 ^h 4'	17 ^h 8'	8 ^h 57'	M 1
T 2	22 46 27	10 ^h 0'28"	23 ^h 11'	24 ^h 59'	21 ^h 40'	24 ^h 36'	2 ^h 52'	11 ^h 16'	3 ^h 54'	5 ^h 7'	13 ^h 28'	16 ^h 43'	17 ^h 1'	17 ^h 14'	8 ^h 56'	T 2
W 3	22 50 23	10 ^h 58'32"	6 ^h 8'	26 ^h 38'	22 ^h 49'	25 ^h 15'	3 ^h 2'	11 ^h 11'	3 ^h 58'	5 ^h 7'	13 ^h 27'	16 ^h 43'	16 ^h 58'	17 ^h 21'	8 ^h 56'	W 3
T 4	22 54 20	11 ^h 56'39"	19 ^h 55'	28 ^h 16'	23 ^h 57'	25 ^h 53'	3 ^h 12'	11 ^h 7'	4 ^h 2'	5 ^h 7'	13 ^h 25'	16 ^h 44'	16 ^h 55'	17 ^h 28'	8 ^h 55'	T 4
F 5	22 58 16	12 ^h 54'47"	3 ^h 40'	29 ^h 53'	25 ^h 6'	26 ^h 32'	3 ^h 22'	11 ^h 2'	4 ^h 5'	5 ^h 7'	13 ^h 24'	16 ^h 44'	16 ^h 52'	17 ^h 34'	8 ^h 54'	F 5
S 6	23 2 13	13 ^h 52'57"	17 ^h 40'	1 ^h 29'	26 ^h 14'	27 ^h 10'	3 ^h 33'	10 ^h 58'	4 ^h 9'	5 ^h 7'	13 ^h 23'	16 ^h 44'	16 ^h 48'	17 ^h 41'	8 ^h 53'	S 6
S 7	23 6 10	14 ^h 51'09"	1 ^h 53'	3 ^h 3'	27 ^h 23'	27 ^h 49'	3 ^h 43'	10 ^h 53'	4 ^h 12'	5 ^h 7'	13 ^h 22'	16 ^h 44'	16 ^h 45'	17 ^h 48'	8 ^h 53'	S 7
M 8	23 10 6	15 ^h 49'24"	16 ^h 17'	4 ^h 36'	28 ^h 31'	28 ^h 27'	3 ^h 54'	10 ^h 48'	4 ^h 16'	5 ^h 7'	13 ^h 20'	16 ^h 44'	16 ^h 42'	17 ^h 54'	8 ^h 52'	M 8
T 9	23 14 3	16 ^h 47'40"	0 ^h 50'	6 ^h 8'	29 ^h 39'	29 ^h 6'	4 ^h 5'	10 ^h 44'	4 ^h 20'	5 ^h 7'	13 ^h 19'	16 ^h 44'	16 ^h 39'	18 ^h 1'	8 ^h 52'	T 9
W10	23 17 59	17 ^h 45'58"	15 ^h 26'	7 ^h 39'	0 ^h 47'	29 ^h 45'	4 ^h 16'	10 ^h 39'	4 ^h 23'	5 ^h 7'	13 ^h 18'	16 ^h 44'	16 ^h 36'	18 ^h 8'	8 ^h 52'	W10
T 11	23 21 56	18 ^h 44'18"	29 ^h 59'	9 ^h 9'	1 ^h 55'	0 ^h 23'	4 ^h 26'	10 ^h 35'	4 ^h 27'	5 ^h 7'	13 ^h 17'	16 ^h 44'	16 ^h 32'	18 ^h 15'	8 ^h 52'	T 11
F 12	23 25 52	19 ^h 42'40"	14 ^h 24'	10 ^h 37'	3 ^h 3'	1 ^h 2'	4 ^h 37'	10 ^h 30'	4 ^h 31'	5 ^h 7'	13 ^h 15'	16 ^h 44'	16 ^h 29'	18 ^h 21'	8 ^h 51'	F 12
S 13	23 29 49	20 ^h 41'04"	28 ^h 35'	12 ^h 4'	4 ^h 11'	1 ^h 41'	4 ^h 48'	10 ^h 26'	4 ^h 34'	5 ^h 7'	13 ^h 14'	16 ^h 44'	16 ^h 26'	18 ^h 28'	8 ^h 51'	S 13
S 14	23 33 45	21 ^h 39'30"	12 ^h 27'	13 ^h 30'	5 ^h 19'	2 ^h 20'	4 ^h 59'	10 ^h 21'	4 ^h 38'	5 ^h 7'	13 ^h 13'	16 ^h 44'	16 ^h 23'	18 ^h 35'	8 ^h 51'	S 14
M15	23 37 42	22 ^h 37'57"	25 ^h 29'	14 ^h 55'	6 ^h 26'	2 ^h 59'	5 ^h 11'	10 ^h 17'	4 ^h 42'	5 ^h 6'	13 ^h 12'	16 ^h 43'	16 ^h 20'	18 ^h 41'	8 ^h 51'	M15
T 16	23 41 39	23 ^h 36'27"	9 ^h 8'	16 ^h 19'	7 ^h 33'	3 ^h 38'	5 ^h 22'	10 ^h 13'	4 ^h 46'	5 ^h 6'	13 ^h 10'	16 ^h 43'	16 ^h 17'	18 ^h 48'	8 ^h 52'	T 16
W17	23 45 35	24 ^h 34'58"	21 ^h 56'	17 ^h 41'	8 ^h 41'	4 ^h 16'	5 ^h 33'	10 ^h 8'	4 ^h 49'	5 ^h 6'	13 ^h 9'	16 ^h 42'	16 ^h 13'	18 ^h 55'	8 ^h 52'	W17
T 18	23 49 32	25 ^h 33'30"	4 ^h 25'	19 ^h 2'	9 ^h 48'	4 ^h 55'	5 ^h 44'	10 ^h 4'	4 ^h 53'	5 ^h 5'	13 ^h 8'	16 ^h 41'	16 ^h 10'	19 ^h 1'	8 ^h 52'	T 18
F 19	23 53 28	26 ^h 32'04"	16 ^h 38'	20 ^h 21'	10 ^h 55'	5 ^h 34'	5 ^h 56'	9 ^h 59'	4 ^h 57'	5 ^h 5'	13 ^h 7'	16 ^h 40'	16 ^h 7'	19 ^h 8'	8 ^h 53'	F 19
S 20	23 57 25	27 ^h 30'40"	28 ^h 40'	21 ^h 40'	12 ^h 2'	6 ^h 13'	6 ^h 7'	9 ^h 55'	5 ^h 1'	5 ^h 5'	13 ^h 5'	16 ^h 40'	16 ^h 4'	19 ^h 15'	8 ^h 53'	S 20
S 21	0 1 21	28 ^h 29'18"	10 ^h 34'	22 ^h 56'	13 ^h 8'	6 ^h 52'	6 ^h 19'	9 ^h 51'	5 ^h 4'	5 ^h 4'	13 ^h 4'	16 ^h 40'	16 ^h 1'	19 ^h 22'	8 ^h 54'	S 21
M22	0 5 18	29 ^h 27'57"	22 ^h 26'	24 ^h 12'	14 ^h 15'	7 ^h 31'	6 ^h 31'	9 ^h 47'	5 ^h 8'	5 ^h 4'	13 ^h 3'	16 ^h 41'	15 ^h 58'	19 ^h 28'	8 ^h 55'	M22
T 23	0 9 14	0 ^h 26'38"	4 ^h 19'	25 ^h 25'	15 ^h 21'	8 ^h 11'	6 ^h 42'	9 ^h 43'	5 ^h 12'	5 ^h 3'	13 ^h 2'	16 ^h 42'	15 ^h 54'	19 ^h 35'	8 ^h 55'	T 23
W24	0 13 11	1 ^h 25'21"	16 ^h 20'	26 ^h 37'	16 ^h 27'	8 ^h 50'	6 ^h 54'	9 ^h 39'	5 ^h 16'	5 ^h 3'	13 ^h 1'	16 ^h 44'	15 ^h 51'	19 ^h 42'	8 ^h 56'	W24
T 25	0 17 8	2 ^h 24'05"	28 ^h 30'	27 ^h 47'	17 ^h 33'	9 ^h 29'	7 ^h 6'	9 ^h 35'	5 ^h 19'	5 ^h 2'	13 ^h 0'	16 ^h 45'	15 ^h 48'	19 ^h 48'	8 ^h 57'	T 25
F 26	0 21 4	3 ^h 22'52"	10 ^h 53'	28 ^h 56'	18 ^h 39'	10 ^h 8'	7 ^h 18'	9 ^h 31'	5 ^h 23'	5 ^h 2'	12 ^h 58'	16 ^h 45'	15 ^h 45'	19 ^h 55'	8 ^h 58'	F 26
S 27	0 25 1	4 ^h 21'40"	23 ^h 31'	0 ^h 12'	19 ^h 45'	10 ^h 47'	7 ^h 30'	9 ^h 27'	5 ^h 27'	5 ^h 1'	12 ^h 57'	16 ^h 45'	15 ^h 42'	20 ^h 2'	8 ^h 59'	S 27
S 28	0 28 57	5 ^h 20'30"	6 ^h 26'	1 ^h 6'	20 ^h 50'	11 ^h 27'	7 ^h 42'	9 ^h 23'	5 ^h 31'	5 ^h 0'	12 ^h 56'	16 ^h 44'	15 ^h 38'	20 ^h 8'	9 ^h 0'	S 28
M29	0 32 54	6 ^h 19'22"	19 ^h 36'	2 ^h 8'	21 ^h 56'	12 ^h 6'	7 ^h 54'	9 ^h 19'	5 ^h 35'	5 ^h 0'	12 ^h 55'	16 ^h 43'	15 ^h 35'	20 ^h 15'	9 ^h 2'	M29
T 30	0 36 50	7 ^h 18'16"	3 ^h 1'	3 ^h 12'	23 ^h 12'	12 ^h 45'	8 ^h 12'	9 ^h 15'	5 ^h 48'	4 ^h 59'	12 ^h 54'	16 ^h 40'	15 ^h 32'	20 ^h 22'	9 ^h 3'	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	decl	lat
M 1	8n11	2n 5	2s 7	3n22	0n47	8s24	0s25	3n11	0n51	11s26	1n 1	9s11	2s 2	0s54	0n41	19n31	1s39	19s25	14s 3	5n15	5n 6	17s55	16s12	6n57					
T 2	7 49	6 5	3 9	2 36	0 40	8 54	0 29	2 55	0 51	11 30	1 1	9 13	2 2	0 55	0 41	19 31	1 39	19 25	14 3	5 15	5 7	17 54	16 13	6 56					
W 3	7 27	9 51	4 2	1 51	0 33	9 23	0 34	2 40	0 51	11 34	1 1	9 15	2 2	0 57	0 41	19 31	1 39	19 26	14 3	5 14	5 9	17 54	16 13	6 56					
T 4	7 5	13 10	4 43	1 5	0 26	9 52	0 38	2 24	0 50	11 37	1 1	9 16	2 2	0 58	0 41	19 31	1 39	19 27	14 3	5 14	5 10	17 54	16 14	6 55					
F 5	6 43	15 49	5 9	0 20	0 19	10 22	0 42	2 8	0 50	11 41	1 1	9 18	2 2	1 0	0 41	19 31	1 40	19 27	14 3	5 14	5 11	17 53	16 14	6 55					
S 6	6 20	17 36	5 17	0s25	0 12	10 50	0 46	1 53	0 49	11 45	1 1	9 20	2 2	1 1	0 41	19 31	1 40	19 28	14 3	5 14	5 12	17 53	16 15	6 54					
S 7	5 58	18 19	5 6	1 9	0 4	11 19	0 50	1 37	0 49	11 48	1 0	9 22	2 2	1 2	0 41	19 31	1 40	19 28	14 3	5 14	5 14	17 52	16 15	6 54					
M 8	5 35	17 52	4 36	1 53	0s 4	11 48	0 55	1 21	0 48	11 52	1 0	9 24	2 2	1 4	0 41	19 31	1 40	19 29	14 3	5 14	5 15	17 52	16 16	6 53					
T 9	5 13	16 15	3 48	2 37	0 11	12 16	0 59	1 5	0 48	11 56	1 0	9 25	2 2	1 5	0 41	19 31	1 40	19 29	14 3	5 14	5 16	17 52	16 16	6 53					
W10	4 50	13 34	2 45	3 20	0 19	12 44	1 3	0 50	0 47	12 0	1 0	9 27	2 2	1 7	0 41	19 31	1 40	19 30	14 3	5 14	5 17	17 51	16 17	6 52					
T 11	4 27	10 3	1 32	4 2	0 27	13 12	1 7	0 34	0 47	12 3	1 0	9 29	2 2	1 8	0 41	19 30	1 40	19 30	14 3	5 14	5 19	17 51	16 17	6 52					
F 12	4 4	5 56	0 13	4 44	0 35	13 39	1 12	0 18	0 47	12 7	1 0	9 31	2 2	1 10	0 41	19 30	1 40	19 31	14 3	5 14	5 20	17 50	16 18	6 51					
S 13	3 41	1 34	1n 5	5 26	0 43	14 6	1 16	0 2	0 46	12 11	0 59	9 32	2 2	1 11	0 41	19 30	1 40	19 31	14 3	5 14	5 21	17 50	16 18	6 51					
S 14	3 18	2s48	2 18	6 7	0 51	14 33	1 20	0s14	0 46	12 15	0 59	9 34	2 2	1 13	0 41	19 30	1 40	19 32	14 3	5 14	5 22	17 49	16 19	6 50					
M15	2 55	6 54	3 21	6 47	0 59	15 0	1 25	0 29	0 45	12 19	0 59	9 36	2 2	1 14	0 41	19 30	1 40	19 32	14 3	5 14	5 24	17 49	16 19	6 50					
T 16	2 32	10 34	4 11	7 27	1 7	15 26	1 29	0 45	0 45	12 23	0 59	9 37	2 2	1 16	0 41	19 30	1 40	19 32	14 3	5 15	5 25	17 49	16 20	6 49					
W17	2 9	13 36	4 48	8 6	1 15	15 52	1 34	1 1	0 44	12 27	0 59	9 39	2 2	1 17	0 41	19 30	1 40	19 33	14 3	5 15	5 26	17 48	16 20	6 49					
T 18	1 46	15 56	5 10	8 44	1 23	16 18	1 38	1 17	0 44	12 30	0 59	9 41	2 2	1 19	0 41	19 30	1 40	19 33	14 3	5 15	5 27	17 48	16 21	6 48					
F 19	1 23	17 30	5 17	9 21	1 31	16 43	1 42	1 33	0 43	12 34	0 59	9 42	2 2	1 20	0 41	19 30	1 40	19 34	14 3	5 16	5 28	17 47	16 21	6 48					
S 20	0 59	18 15	5 10	9 58	1 39	17 8	1 47	1 49	0 43	12 38	0 58	9 44	2 2	1 22	0 41	19 30	1 40	19 34	14 3	5 16	5 30	17 47	16 22	6 47					
S 21	0 36	18 12	4 50	10 34	1 47	17 32	1 51	2 5	0 43	12 42	0 58	9 46	2 2	1 23	0 41	19 29	1 40	19 35	14 3	5 16	5 31	17 46	16 22	6 46					
M22	0 13	17 20	4 17	11 9	1 54	17 57	1 55	2 20	0 42	12 46	0 58	9 47	2 2	1 25	0 41	19 29	1 40	19 35	14 3	5 15	5 32	17 46	16 23	6 46					
T 23	0s11	15 42	3 34	11 43	2 2	18 21	2 0	2 36	0 42	12 50	0 58	9 49	2 2	1 26	0 41	19 29	1 40	19 35	14 3	5 15	5 33	17 46	16 23	6 45					
W24	0 34	13 23	2 40	12 16	2 9	18 44	2 4	2 52	0 41	12 54	0 58	9 50	2 2	1 28	0 41	19 29	1 40	19 36	14 3	5 14	5 35	17 45	16 24	6 45					
T 25	0 57	10 26	1 39	12 49	2 17	19 7	2 8	3 8	0 41	12 58	0 58	9 52	2 2	1 29	0 41	19 29	1 41	19 36	14 3	5 14	5 36	17 45	16 24	6 44					
F 26	1 21	6 59	0 32	13 20	2 24	19 30	2 13	3 24	0 40	13 2	0 58	9 53	2 2	1 31	0 41	19 29	1 41	19 37	14 3	5 14	5 37	17 44	16 25	6 44					
S 27	1 44	3 9	0s37	13 50	2 31	19 52	2 17	3 39	0 40	13 6	0 57	9 55	2 2	1 32	0 41	19 29	1 41	19 37	14 3	5 14	5 38	17 44	16 25	6 43					
S 28	2 7	0n55	1 46	14 19	2 38	20 14	2 21	3 55	0 39	13 10	0 57	9 56	2 2	1 34	0 41	19 28	1 41	19 37	14 2	5 14	5 40	17 43	16 26	6 43					
M29	2 31	5 1	2 51	14 46	2 44	20 35	2 26	4 11	0 39	13 14	0 57	9 57	2 2	1 35	0 41	19 28	1 41	19 38	14 2	5 15	5 41	17 43	16 26	6 42					
T 30	2s54	8n56	3s48	15s13	2s50	20s56	2s30	4s27	0n38	13s18	0n57	9s59	2s 2	1s37	0n41	19n28	1s41	19s38	14s 2	5n16	5n42	17s42	16s26	6n42					

ASTRODIENST EPHEMERIS for the year 2053

geocentric

OCTOBER 2053

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 40 47	8♌17°12	16♋41	4♌4	24♌6	13♌25	8♌18	9°R11	5♌42	4°R58	12°R53	16°R37	15♎29	20♋29	9♋4	W 1	
T 2	0 44 43	9°16'11	0♏31	4°58	25°10	14°4	8°30	9♎8	5°46	4♏57	12♎52	16♎34	15°26	20°35	9°6	T 2	
F 3	0 48 40	10°15'12	14°30	5°48	26°15	14°43	8°42	9°4	5°50	4°57	12°50	16°31	15°23	20°42	9°8	F 3	
S 4	0 52 36	11°14'15	28°36	6°36	27°19	15°23	8°55	9°1	5°54	4°56	12°49	16°30	15°19	20°49	9°9	S 4	
S 5	0 56 33	12°13'20	12♎45	7°19	28°23	16°2	9°7	8°57	5°57	4°55	12°48	16°D29	15°16	20°55	9°11	S 5	
M 6	1 0 30	13°12'28	26°57	7°59	29°27	16°42	9°19	8°54	6°1	4°54	12°47	16°30	15°13	21°2	9°13	M 6	
T 7	1 4 26	14°11'38	11♏9	8°34	0♏31	17°22	9°32	8°51	6°5	4°53	12°46	16°31	15°10	21°9	9°15	T 7	
W 8	1 8 23	15°10'51	25°19	9°4	1°34	18°1	9°44	8°47	6°9	4°52	12°45	16°32	15°7	21°15	9°17	W 8	
T 9	1 12 19	16°10'06	9♎24	9°29	2°37	18°41	9°57	8°44	6°12	4°51	12°44	16°R33	15°3	21°22	9°19	T 9	
F 10	1 16 16	17°9'22	23°22	9°48	3°40	19°21	10°9	8°41	6°16	4°50	12°43	16°33	15°0	21°29	9°21	F 10	
S 11	1 20 12	18°8'42	7♌10	10°1	4°43	20°0	10°22	8°38	6°20	4°49	12°42	16°32	14°57	21°36	9°23	S 11	
S 12	1 24 9	19°8'03	20°45	10°R7	5°45	20°40	10°35	8°35	6°24	4°48	12°41	16°29	14°54	21°42	9°25	S 12	
M13	1 28 5	20°7'26	4♌4	10°6	6°47	21°20	10°47	8°32	6°27	4°47	12°40	16°24	14°51	21°49	9°28	M13	
T 14	1 32 2	21°6'51	17°6	9°58	7°49	22°0	11°0	8°29	6°31	4°46	12°39	16°18	14°48	21°56	9°30	T 14	
W15	1 35 59	22°6'18	29°51	9°41	8°50	22°40	11°13	8°27	6°35	4°45	12°38	16°12	14°44	22°2	9°33	W15	
T 16	1 39 55	23°5'47	12♎18	9°17	9°51	23°20	11°26	8°24	6°38	4°44	12°38	16°6	14°41	22°9	9°35	T 16	
F 17	1 43 52	24°5'18	24°31	8°43	10°52	24°0	11°38	8°22	6°42	4°42	12°37	16°1	14°38	22°16	9°38	F 17	
S 18	1 47 48	25°4'51	6♋32	8°1	11°53	24°40	11°51	8°19	6°46	4°41	12°36	15°57	14°35	22°22	9°41	S 18	
S 19	1 51 45	26°4'25	18°26	7°11	12°53	25°20	12°4	8°17	6°49	4°40	12°35	15°55	14°32	22°29	9°43	S 19	
M20	1 55 41	27°4'02	0♏17	6°13	13°52	26°0	12°17	8°15	6°53	4°39	12°34	15°D55	14°29	22°36	9°46	M20	
T 21	1 59 38	28°3'40	12°10	5°9	14°52	26°40	12°30	8°13	6°57	4°37	12°33	15°56	14°25	22°42	9°49	T 21	
W22	2 3 34	29°3'19	24°10	3°59	15°51	27°20	12°43	8°11	7°0	4°36	12°32	15°58	14°22	22°49	9°52	W22	
T 23	2 7 31	0♏3'01	6♎22	2°45	16°49	28°0	12°56	8°9	7°4	4°35	12°32	15°59	14°19	22°56	9°55	T 23	
F 24	2 11 28	1°2'44	18°51	1°30	17°47	28°40	13°9	8°7	7°7	4°33	12°31	15°R59	14°16	23°3	9°59	F 24	
S 25	2 15 24	2°2'29	1°V40	0°15	18°45	29°21	13°22	8°5	7°11	4°32	12°30	15°58	14°13	23°9	10°2	S 25	
S 26	2 19 21	3°2'15	14°50	29♌3	19°42	0♏1	13°35	8°3	7°14	4°31	12°29	15°55	14°9	23°16	10°5	S 26	
M27	2 23 17	4°2'04	28°22	27°55	20°39	0°41	13°48	8°2	7°18	4°29	12°29	15°49	14°6	23°23	10°8	M27	
T 28	2 27 14	5°1'54	12♎14	26°55	21°35	1°22	14°1	8°0	7°21	4°28	12°28	15°42	14°3	23°29	10°12	T 28	
W29	2 31 10	6°1'47	26°22	26°3	22°31	2°2	14°14	7°59	7°25	4°26	12°27	15°34	14°0	23°36	10°15	W29	
T 30	2 35 7	7°1'41	10♏40	25°22	23°26	2°43	14°27	7°58	7°28	4°25	12°27	15°25	13°57	23°43	10°19	T 30	
F 31	2 39 3	8♌1'38	25♏4	24♌51	24♎21	3♌23	14♌41	7♎56	7♌32	4♏24	12♎26	15♎18	13♎54	23♋49	10♋23	F 31	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	3s17	12n27	4s33	15s38	2s56	21s16	2s34	4s42	0n38	13s22	0n57	10s0	2s2	1s38	0n41	19n28	1s41
T 2	3 40	15 19	5 2	16 1	3 2	21 36	2 38	4 58	0 37	13 26	0 57	10 2	2 2	1 40	0 41	19 28	1 41
F 3	4 4	17 20	5 14	16 23	3 7	21 56	2 42	5 14	0 37	13 30	0 57	10 3	2 2	1 41	0 41	19 28	1 41
S 4	4 27	18 18	5 7	16 43	3 11	22 15	2 46	5 30	0 36	13 34	0 57	10 4	2 2	1 43	0 41	19 27	1 41
S 5	4 50	18 8	4 42	17 2	3 15	22 33	2 50	5 45	0 36	13 38	0 56	10 5	2 2	1 44	0 41	19 27	1 41
M 6	5 13	16 51	3 59	17 18	3 19	22 51	2 54	6 1	0 36	13 42	0 56	10 7	2 2	1 46	0 41	19 27	1 41
T 7	5 36	14 30	3 2	17 32	3 22	23 9	2 58	6 16	0 35	13 46	0 56	10 8	2 2	1 47	0 41	19 27	1 41
W 8	5 59	11 17	1 54	17 44	3 24	23 26	3 2	6 32	0 35	13 50	0 56	10 9	2 1	1 49	0 41	19 27	1 41
T 9	6 21	7 26	0 39	17 53	3 26	23 42	3 5	6 47	0 34	13 54	0 56	10 10	2 1	1 50	0 41	19 26	1 41
F 10	6 44	3 12	0n37	18 0	3 26	23 58	3 9	7 3	0 34	13 58	0 56	10 11	2 1	1 52	0 41	19 26	1 41
S 11	7 7	1s9	1 50	18 4	3 26	24 14	3 7	7 18	0 33	14 2	0 56	10 12	2 1	1 53	0 41	19 26	1 41
S 12	7 29	5 23	2 56	18 4	3 24	24 28	3 16	7 34	0 33	14 6	0 56	10 13	2 1	1 55	0 41	19 26	1 41
M13	7 52	9 15	3 50	18 2	3 21	24 43	3 20	7 49	0 32	14 10	0 56	10 14	2 1	1 56	0 41	19 25	1 41
T 14	8 14	12 35	4 32	17 55	3 17	24 56	3 23	8 5	0 32	14 14	0 56	10 15	2 1	1 58	0 41	19 25	1 41
W15	8 36	15 15	4 58	17 44	3 12	25 10	3 26	8 20	0 31	14 19	0 55	10 16	2 1	1 59	0 41	19 25	1 41
T 16	8 58	17 8	5 10	17 30	3 5	25 22	3 29	8 35	0 31	14 23	0 55	10 17	2 1	2 0	0 41	19 25	1 41
F 17	9 20	18 12	5 7	17 10	2 56	25 34	3 33	8 50	0 30	14 27	0 55	10 18	2 1	2 2	0 41	19 24	1 41
S 18	9 42	18 25	4 51	16 47	2 45	25 46	3 36	9 5	0 30	14 31	0 55	10 19	2 1	2 3	0 41	19 24	1 41
S 19	10 4	17 50	4 22	16 19	2 33	25 57	3 39	9 21	0 29	14 35	0 55	10 19	2 0	2 5	0 41	19 24	1 41
M20	10 25	16 27	3 43	15 46	2 19	26 7	3 41	9 36	0 29	14 39	0 55	10 20	2 0	2 6	0 41	19 24	1 42
T 21	10 47	14 22	2 53	15 10	2 3	26 17	3 44	9 51	0 28	14 43	0 55	10 21	2 0	2 8	0 41	19 23	1 42
W22	11 8	11 39	1 56	14 29	1 45	26 26	3 47	10 5	0 28	14 47	0 55	10 21	2 0	2 9	0 41	19 23	1 42
T 23	11 29	8 22	0 52	13 47	1 26	26 35	3 49	10 20	0 27	14 51	0 55	10 22	2 0	2 10	0 41	19 23	1 42
F 24	11 50	4 39	0s15	13 2	1 6	26 43	3 51	10 35	0 27	14 55	0 55	10 23	2 0	2 12	0 41	19 23	1 42
S 25	12 11	0 37	1 24	12 16	0 46	26 50	3 54	10 50	0 26	14 59	0 55	10 23	2 0	2 13	0 41	19 22	1 42
S 26	12 31	3n33	2 29	11 31	0 25	26 57	3 56	11 5	0 25	15 3	0 55	10 24	2 0	2 15	0 41	19 22	1 42
M27	12 52	7 39	3 28	10 48	0 5	27 3	3 58	11 19	0 25	15 7	0 54	10 24	2 0	2 16	0 41	19 22	1 42
T 28	13 12	11 26	4 16	10 8	0n15	27 9	4 0	11 34	0 24	15 10	0 54	10 25	1 59	2 17	0 41	19 21	1 42
W29	13 32	14 38	4 49	9 32	0 34	27 14	4 1	11 48	0 24	15 14	0 54	10 25	1 59	2 19	0 41	19 21	1 42
T 30	13 51	17 0	5 5	9 0	0 52	27 18	4 3	12 2	0 23	15 18	0 54	10 25	1 59	2 20	0 41	19 21	1 42
F 31	14s11	18n19	5s2	8s34	1n8	27s22	4s4	12s17	0n23	15s22	0n54	10s26	1s59	2s21	0n41	19n21	1s42

Julian Day Number = 2471176.5, Delta T = 75.69 sec
 Ecliptic obliquity = 23°25'48, Nutation = - 0°00'05, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 25°29'28, Lahiri = 24°36'29

ASTRODIENST EPHEMERIS for the year 2053
geocentric

NOVEMBER 2053

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 43 0	9♉ 1'37	9♉28	24°R32	25♈15	4♉ 4	14♉54	7°R55	7♉35	4°R22	12°R26	15°R12	13♉50	23♈56	10♈26	S 1
S 2	2 46 57	10° 1'38	23°47	24°D24	26° 8	4°44	15° 7	7♈54	7°38	4♉21	12♈25	15♉ 9	13°47	24° 3	10°30	S 2
M 3	2 50 53	11° 1'41	7♉58	24♉28	27° 1	5°25	15°20	7°54	7°42	4°19	12°24	15°D 8	13°44	24° 9	10°34	M 3
T 4	2 54 50	12° 1'46	22° 0	24°43	27°53	6° 5	15°33	7°53	7°45	4°17	12°24	15° 8	13°41	24°16	10°38	T 4
W 5	2 58 46	13° 1'54	5♉52	25° 7	28°45	6°46	15°46	7°52	7°48	4°16	12°23	15° 9	13°38	24°23	10°42	W 5
T 6	3 2 43	14° 2'03	19°34	25°41	29°36	7°27	16° 0	7°52	7°52	4°14	12°23	15°R 9	13°35	24°30	10°46	T 6
F 7	3 6 39	15° 2'15	3♉ 6	26°24	0♉26	8° 8	16°13	7°51	7°55	4°13	12°22	15° 7	13°31	24°36	10°50	F 7
S 8	3 10 36	16° 2'28	16°28	27°14	1°15	8°48	16°26	7°51	7°58	4°11	12°22	15° 3	13°28	24°43	10°54	S 8
S 9	3 14 32	17° 2'44	29°40	28°11	2° 4	9°29	16°39	7°50	8° 1	4°10	12°22	14°57	13°25	24°50	10°58	S 9
M10	3 18 29	18° 3'01	12♉40	29°14	2°51	10°10	16°52	7°50	8° 4	4° 8	12°21	14°47	13°22	24°56	11° 2	M10
T 11	3 22 26	19° 3'20	25°27	0♉22	3°38	10°51	17° 6	7°D50	8° 7	4° 6	12°21	14°36	13°19	25° 3	11° 7	T 11
W12	3 26 22	20° 3'41	8♈ 1	1°34	4°24	11°32	17°19	7°50	8°10	4° 5	12°20	14°23	13°15	25°10	11°11	W12
T 13	3 30 19	21° 4'03	20°22	2°50	5°10	12°13	17°32	7°51	8°14	4° 3	12°20	14°11	13°12	25°16	11°15	T 13
F 14	3 34 15	22° 4'27	2♉30	4° 9	5°54	12°54	17°45	7°51	8°17	4° 1	12°20	14° 0	13° 9	25°23	11°20	F 14
S 15	3 38 12	23° 4'53	14°29	5°31	6°37	13°35	17°58	7°51	8°20	4° 0	12°20	13°51	13° 6	25°30	11°24	S 15
S 16	3 42 8	24° 5'19	26°21	6°56	7°19	14°17	18°12	7°52	8°22	3°58	12°19	13°45	13° 3	25°36	11°29	S 16
M17	3 46 5	25° 5'48	8♈ 9	8°22	8° 0	14°58	18°25	7°52	8°25	3°56	12°19	13°41	13° 0	25°43	11°33	M17
T 18	3 50 1	26° 6'17	20° 0	9°50	8°40	15°39	18°38	7°53	8°28	3°55	12°19	13°40	12°56	25°50	11°38	T 18
W19	3 53 58	27° 6'48	1♈57	11°19	9°18	16°20	18°51	7°54	8°31	3°53	12°19	13°D40	12°53	25°56	11°43	W19
T 20	3 57 55	28° 7'20	14° 7	12°49	9°56	17° 2	19° 4	7°55	8°34	3°51	12°19	13°R40	12°50	26° 3	11°47	T 20
F 21	4 1 51	29° 7'53	26°35	14°20	10°32	17°43	19°17	7°56	8°37	3°50	12°18	13°39	12°47	26°10	11°52	F 21
S 22	4 5 48	0♈ 8'28	9♈26	15°52	11° 7	18°24	19°30	7°57	8°39	3°48	12°18	13°37	12°44	26°17	11°57	S 22
S 23	4 9 44	1° 9'03	22°42	17°24	11°40	19° 6	19°44	7°58	8°42	3°46	12°18	13°32	12°40	26°23	12° 2	S 23
M24	4 13 41	2° 9'40	6♈26	18°57	12°12	19°47	19°57	7°59	8°45	3°45	12°18	13°24	12°37	26°30	12° 7	M24
T 25	4 17 37	3°10'18	20°36	20°30	12°42	20°29	20°10	8° 1	8°47	3°43	12°18	13°14	12°34	26°37	12°12	T 25
W26	4 21 34	4°10'58	5♈ 7	22° 4	13°11	21°10	20°23	8° 2	8°50	3°41	12°D18	13° 2	12°31	26°43	12°17	W26
T 27	4 25 30	5°11'39	19°53	23°37	13°38	21°52	20°36	8° 4	8°52	3°40	12°18	12°50	12°28	26°50	12°22	T 27
F 28	4 29 27	6°12'21	4♈45	25°11	14° 3	22°33	20°49	8° 6	8°55	3°38	12°18	12°39	12°25	26°57	12°27	F 28
S 29	4 33 24	7°13'05	19°34	26°45	14°27	23°15	21° 2	8° 8	8°57	3°36	12°18	12°31	12°21	27° 3	12°32	S 29
S 30	4 37 20	8♈13'51	4♉13	28♉19	14♈49	23♉57	21♉15	8♈10	9♈ 0	3♉34	12♈18	12♉25	12♉18	27♈10	12♈37	S 30

Day	☉	☾		♀		♀	♂	♂		♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s30	18n27	4s40	8s14	1n22	27s26	4s 5	12s31	0n22	15s26	0n54	10s26	1s59	2s23	0n41	19n20	1s42	19s44	13s56	5n50	6n21	17s26	16s36	6n27	
S 2	14 49	17 24	4 0	7 59	1 35	27 29	4 6	12 45	0 22	15 30	0 54	10 26	1 59	2 24	0 41	19 20	1 42	19 44	13 56	5 51	6 22	17 25	16 36	6 26	
M 3	15 8	15 17	3 6	7 51	1 45	27 31	4 7	12 59	0 21	15 34	0 54	10 26	1 59	2 25	0 41	19 20	1 42	19 44	13 56	5 51	6 24	17 25	16 36	6 26	
T 4	15 26	12 16	2 1	7 48	1 54	27 33	4 8	13 13	0 21	15 38	0 54	10 27	1 58	2 27	0 41	19 19	1 42	19 44	13 56	5 51	6 25	17 24	16 36	6 25	
W 5	15 45	8 35	0 50	7 50	2 2	27 34	4 8	13 27	0 20	15 42	0 54	10 27	1 58	2 28	0 41	19 19	1 42	19 44	13 55	5 51	6 26	17 23	16 36	6 25	
T 6	16 3	4 30	0n24	7 57	2 7	27 34	4 9	13 41	0 20	15 46	0 54	10 27	1 58	2 29	0 41	19 19	1 42	19 43	13 55	5 51	6 27	17 23	16 36	6 25	
F 7	16 20	0 13	1 34	8 8	2 11	27 35	4 9	13 55	0 19	15 49	0 54	10 27	1 58	2 30	0 41	19 19	1 42	19 43	13 55	5 52	6 29	17 22	16 36	6 24	
S 8	16 38	4s 1	2 39	8 24	2 14	27 34	4 9	14 8	0 19	15 53	0 54	10 27	1 58	2 32	0 41	19 18	1 42	19 43	13 54	5 53	6 30	17 22	16 36	6 24	
S 9	16 55	8 0	3 34	8 43	2 16	27 33	4 8	14 22	0 18	15 57	0 54	10 27	1 58	2 33	0 41	19 18	1 42	19 43	13 54	5 56	6 31	17 21	16 36	6 24	
M10	17 12	11 33	4 17	9 4	2 16	27 32	4 8	14 35	0 17	16 1	0 54	10 27	1 58	2 34	0 41	19 18	1 42	19 43	13 54	5 59	6 32	17 20	16 36	6 23	
T 11	17 29	14 29	4 46	9 29	2 15	27 30	4 7	14 48	0 17	16 5	0 54	10 27	1 57	2 35	0 41	19 17	1 42	19 43	13 54	6 4	6 33	17 20	16 36	6 23	
W12	17 45	16 41	5 1	9 55	2 14	27 27	4 6	15 2	0 16	16 8	0 54	10 26	1 57	2 36	0 41	19 17	1 42	19 43	13 53	6 9	6 35	17 19	16 36	6 23	
T 13	18 1	18 5	5 1	10 24	2 11	27 24	4 5	15 15	0 16	16 12	0 54	10 26	1 57	2 38	0 41	19 17	1 42	19 43	13 53	6 13	6 36	17 19	16 36	6 22	
F 14	18 17	18 37	4 47	10 53	2 8	27 21	4 3	15 28	0 15	16 16	0 53	10 26	1 57	2 39	0 41	19 16	1 42	19 43	13 53	6 18	6 37	17 18	16 36	6 22	
S 15	18 32	18 19	4 21	11 24	2 5	27 17	4 2	15 41	0 15	16 19	0 53	10 26	1 57	2 40	0 41	19 16	1 42	19 42	13 52	6 21	6 38	17 17	16 36	6 21	
S 16	18 47	17 13	3 44	11 56	2 0	27 13	4 0	15 54	0 14	16 23	0 53	10 25	1 57	2 41	0 41	19 16	1 42	19 42	13 52	6 23	6 40	17 17	16 36	6 21	
M17	19 2	15 22	2 57	12 28	1 56	27 8	3 57	16 6	0 14	16 27	0 53	10 25	1 57	2 42	0 42	19 15	1 42	19 42	13 52	6 25	6 41	17 16	16 36	6 21	
T 18	19 16	12 53	2 2	13 1	1 50	27 3	3 55	16 19	0 13	16 30	0 53	10 25	1 56	2 43	0 42	19 15	1 42	19 42	13 52	6 25	6 42	17 16	16 36	6 21	
W19	19 30	9 49	1 2	13 33	1 45	26 58	3 52	16 31	0 12	16 34	0 53	10 24	1 56	2 44	0 42	19 15	1 42	19 42	13 51	6 25	6 43	17 15	16 36	6 20	
T 20	19 44	6 17	0s 2	14 6	1 39	26 52	3 49	16 43	0 12	16 38	0 53	10 24	1 56	2 45	0 42	19 14	1 42	19 42	13 51	6 25	6 44	17 14	16 36	6 20	
F 21	19 57	2 24	1 8	14 39	1 33	26 45	3 45	16 56	0 11	16 41	0 53	10 23	1 56	2 47	0 42	19 14	1 42	19 41	13 51	6 25	6 46	17 14	16 36	6 20	
S 22	20 10	1n43	2 12	15 12	1 26	26 39	3 42	17 8	0 11	16 45	0 53	10 23	1 56	2 48	0 42	19 14	1 42	19 41	13 50	6 26	6 47	17 13	16 36	6 19	
S 23	20 23	5 52	3 11	15 44	1 20	26 32	3 37	17 20	0 10	16 48	0 53	10 22	1 56	2 49	0 42	19 14	1 42	19 41	13 50	6 28	6 48	17 13	16 36	6 19	
M24	20 35	9 52	4 1	16 16	1 13	26 24	3 33	17 31	0 10	16 52	0 53	10 21	1 56	2 50	0 42	19 13	1 42	19 41	13 50	6 31	6 49	17 12	16 35	6 19	
T 25	20 47	13 26	4 38	16 48	1 6	26 17	3 28	17 43	0 9	16 55	0 53	10 21	1 55	2 51	0 42	19 13	1 42	19 40	13 50	6 35	6 50	17 11	16 35	6 19	
W26	20 58	16 16	4 58	17 19	1 0	26 9	3 23	17 55	0 8	16 59	0 53	10 20	1 55	2 52	0 42	19 13	1 42	19 40	13 49	6 40	6 52	17 11	16 35	6 18	
T 27	21 9	18 5	4 58	17 49	0 53	26 0	3 17	18 6	0 8	17 2	0 53	10 19	1 55	2 53	0 42	19 12	1 42	19 40	13 49	6 44	6 53	17 10	16 35	6 18	
F 28	21 20	18 42	4 39	18 19	0 46	25 52	3 12	18 17	0 7	17 6	0 53	10 18	1 55	2 53	0 42	19 12	1 42	19 39	13 49	6 49	6 54	17 9	16 35	6 18	
S 29	21 30	18 2	4 1	18 48	0 39	25 43	3 5	18 28	0 7	17 9	0 53	10 18	1 55	2 54	0 42	19 12	1 42	19 39	13 48	6 52	6 55	17 9	16 34	6 17	
S 30	21s40	16n10	3s 7	19s16	0n31	25s34	2s58	18s39	0n 6	17s13	0n53	10s17	1s55	2s55	0n42	19n11	1s42	19s39	13s48	6n54	6n57	17s 8	16s34	6n17	

ASTRODIENST EPHEMERIS for the year 2053
geocentric

DECEMBER 2053

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
M 1	4 41 17	9♌14'37	18♊37	29♍53	15♋8	24♍39	21♍28	8♈12	9♎2	3°R33	12♈19	12°R22	12♎15	27♋17	12♋43	M 1
T 2	4 45 13	10°15'26	2♎43	1♌27	15°26	25°20	21°40	8°14	9°4	3♊31	12°19	12♎21	12°12	27°23	12°48	T 2
W 3	4 49 10	11°16'15	16°31	3°1	15°42	26°2	21°53	8°16	9°6	3°29	12°19	12°21	12°9	27°30	12°53	W 3
T 4	4 53 6	12°17'06	0♎2	4°35	15°56	26°44	22°6	8°18	9°9	3°28	12°19	12°20	12°6	27°37	12°58	T 4
F 5	4 57 3	13°17'59	13°18	6°9	16°8	27°26	22°19	8°21	9°11	3°26	12°19	12°18	12°2	27°43	13°4	F 5
S 6	5 0 59	14°18'53	26°20	7°42	16°17	28°8	22°32	8°23	9°13	3°24	12°20	12°13	11°59	27°50	13°9	S 6
S 7	5 4 56	15°19'48	9♍10	9°16	16°25	28°50	22°44	8°26	9°15	3°23	12°20	12°5	11°56	27°57	13°14	S 7
M 8	5 8 53	16°20'44	21°50	10°50	16°30	29°32	22°57	8°29	9°17	3°21	12°20	11°53	11°53	28°3	13°20	M 8
T 9	5 12 49	17°21'42	4♌20	12°24	16°32	0♌14	23°10	8°32	9°19	3°19	12°20	11°40	11°50	28°10	13°25	T 9
W10	5 16 46	18°22'40	16°39	13°58	16°R32	0°56	23°22	8°35	9°21	3°18	12°21	11°25	11°46	28°17	13°31	W10
T 11	5 20 42	19°23'40	28°50	15°32	16°30	1°39	23°35	8°38	9°23	3°16	12°21	11°11	11°43	28°24	13°36	T 11
F 12	5 24 39	20°24'40	10♋52	17°7	16°25	2°21	23°48	8°41	9°25	3°15	12°22	10°57	11°40	28°30	13°42	F 12
S 13	5 28 35	21°25'41	22°46	18°41	16°18	3°3	24°0	8°44	9°26	3°13	12°22	10°46	11°37	28°37	13°47	S 13
S 14	5 32 32	22°26'43	4♎35	20°15	16°8	3°45	24°12	8°47	9°28	3°11	12°22	10°38	11°34	28°44	13°53	S 14
M15	5 36 28	23°27'45	16°22	21°49	15°56	4°28	24°25	8°51	9°30	3°10	12°23	10°33	11°31	28°50	13°59	M15
T 16	5 40 25	24°28'48	28°11	23°23	15°42	5°10	24°37	8°54	9°31	3°8	12°23	10°31	11°27	28°57	14°4	T 16
W17	5 44 22	25°29'51	10♈6	24°58	15°24	5°53	24°49	8°58	9°33	3°7	12°24	10°D30	11°24	29°4	14°10	W17
T 18	5 48 18	26°30'55	22°12	26°33	15°5	6°35	25°2	9°2	9°35	3°5	12°25	10°R30	11°21	29°10	14°16	T 18
F 19	5 52 15	27°31'59	4♎35	28°7	14°43	7°18	25°14	9°5	9°36	3°4	12°25	10°30	11°18	29°17	14°21	F 19
S 20	5 56 11	28°33'03	17°21	29°42	14°19	8°0	25°26	9°9	9°37	3°2	12°26	10°28	11°15	29°24	14°27	S 20
S 21	6 0 8	29°34'07	0♋33	1♋17	13°53	8°43	25°38	9°13	9°39	3°1	12°26	10°25	11°12	29°30	14°33	S 21
M22	6 4 4	0♋35'12	14°15	2°53	13°25	9°25	25°50	9°17	9°40	2°59	12°27	10°18	11°8	29°37	14°39	M22
T 23	6 8 1	1°36'17	28°28	4°28	12°55	10°8	26°2	9°21	9°41	2°58	12°28	10°9	11°5	29°44	14°44	T 23
W24	6 11 57	2°37'23	13♊7	6°4	12°24	10°51	26°14	9°26	9°43	2°56	12°28	9°59	11°2	29°50	14°50	W24
T 25	6 15 54	3°38'29	28°7	7°39	11°51	11°33	26°26	9°30	9°44	2°55	12°29	9°48	10°59	29°57	14°56	T 25
F 26	6 19 51	4°39'35	13♋18	9°16	11°16	12°16	26°38	9°34	9°45	2°53	12°30	9°39	10°56	0♎4	15°2	F 26
S 27	6 23 47	5°40'41	28°30	10°52	10°41	12°59	26°49	9°39	9°46	2°52	12°31	9°31	10°52	0°10	15°7	S 27
S 28	6 27 44	6°41'48	13♊32	12°28	10°5	13°42	27°1	9°43	9°47	2°51	12°31	9°26	10°49	0°17	15°13	S 28
M29	6 31 40	7°42'55	28°16	14°5	9°29	14°25	27°12	9°48	9°48	2°49	12°32	9°23	10°46	0°24	15°19	M29
T 30	6 35 37	8°44'03	12♎38	15°42	8°52	15°8	27°24	9°52	9°49	2°48	12°33	9°D23	10°43	0°30	15°25	T 30
W31	6 39 33	9♋45'11	26♎36	17♋20	8♋16	15♌51	27♍35	9♈57	9♎49	2♊47	12♈34	9♎23	10♎40	0♎37	15♋31	W31

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
M 1	21s50	13n18	2s 2	19s43	0n24	25s24	2s51	18s50	0n 5	17s16	0n53	10s16	1s55	2s56	0n42	19n11	1s42	19s39	13s48	6n55	6n58	17s 7	16s34	6n17		
T 2	21 59	9 43	0 51	20 9	0 17	25 15	2 44	19 1	0 5	17 19	0 53	10 15	1 54	2 57	0 42	19 11	1 42	19 38	13 47	6 56	6 59	17 7	16 34	6 17		
W 3	22 7	5 39	0n22	20 35	0 10	25 5	2 36	19 11	0 4	17 23	0 53	10 14	1 54	2 58	0 42	19 10	1 42	19 38	13 47	6 56	7 0	17 6	16 33	6 17		
T 4	22 15	1 24	1 32	20 59	0 3	24 55	2 27	19 22	0 4	17 26	0 53	10 13	1 54	2 59	0 42	19 10	1 42	19 38	13 47	6 56	7 1	17 5	16 33	6 16		
F 5	22 23	2s51	2 36	21 23	0s 3	24 45	2 18	19 32	0 3	17 29	0 53	10 12	1 54	3 0	0 42	19 10	1 42	19 37	13 47	6 57	7 3	17 5	16 33	6 16		
S 6	22 30	6 54	3 30	21 45	0 10	24 34	2 9	19 42	0 2	17 32	0 53	10 11	1 54	3 0	0 42	19 10	1 42	19 37	13 46	6 59	7 4	17 4	16 33	6 16		
S 7	22 37	10 33	4 13	22 7	0 17	24 23	1 59	19 52	0 2	17 36	0 53	10 10	1 54	3 1	0 42	19 9	1 42	19 36	13 46	7 2	7 5	17 3	16 32	6 16		
M 8	22 44	13 40	4 42	22 27	0 24	24 12	1 49	20 1	0 1	17 39	0 53	10 8	1 54	3 2	0 42	19 9	1 42	19 36	13 46	7 6	7 6	17 3	16 32	6 16		
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T 30	23 9	7 5	0n17	24 35	2 5	19 45	3 23	22 49	0 13	18 42	0 53	9 34	1 51	3 14	0 43	19 3	1 41	19 25	13 39	8 3	7 33	16 47	16 21	6 13		
W31	23s 4	2n44	1n31	24s24	2s 7	19s33	3n38	22s54	0s13	18s45	0n53	9s32	1s51	3s14	0n43	19n 3	1s41	19s25	13s39	8n 3	7n34	16s46	16s21	6n13		