



# Astrodienst Ephemeris Tables for the year 1952

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 1952  
geocentric

JANUARY 1952

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 38 24	9°30'51	28°42'	17°34'	27°53'	20°40'	5°57'	14°29'	12°R 3	21°34'	21°R13	1°D50	3°H28	20°317	5°318	T 1
W 2	6 42 21	10°32'01	12°57'	18°13'	29° 4'	21°10'	6° 3'	14°31'	12°31'	21°35'	21°R12	1°H51	3°24	20°24	5°24	W 2
T 3	6 46 17	11°33'11	26°47'	18°58'	0°16'	21°41'	6°10'	14°33'	11°58'	21°35'	21°11'	1°52	3°21	20°31	5°30	T 3
F 4	6 50 14	12°34'21	10°Y11	19°48'	1°27'	22°11'	6°16'	14°36'	11°56'	21°36'	21°10'	1°R53	3°18	20°37	5°36	F 4
S 5	6 54 10	13°35'30	23°13'	20°41'	2°39'	22°42'	6°23'	14°38'	11°53'	21°37'	21° 9'	1°52	3°15	20°44	5°43	S 5
S 6	6 58 7	14°36'39	5°57'	21°39'	3°50'	23°12'	6°30'	14°40'	11°50'	21°37'	21° 7'	1°50	3°12	20°51	5°49	S 6
M 7	7 2 3	15°37'48	18°24'	22°40'	5° 2'	23°42'	6°37'	14°42'	11°48'	21°38'	21° 6'	1°45	3° 8	20°57	5°55	M 7
T 8	7 6 0	16°38'57	0°II39	23°44'	6°14'	24°12'	6°44'	14°44'	11°45'	21°39'	21° 5'	1°38	3° 5	21° 4	6° 1	T 8
W 9	7 9 57	17°40'05	12°46'	24°50'	7°26'	24°42'	6°52'	14°45'	11°43'	21°39'	21° 4'	1°30	3° 2	21°11	6° 8	W 9
T 10	7 13 53	18°41'13	24°45'	25°59'	8°38'	25°11'	6°59'	14°47'	11°40'	21°40'	21° 3'	1°22	2°59	21°17	6°14	T 10
F 11	7 17 50	19°42'20	6°39	27°11'	9°50'	25°41'	7° 7'	14°49'	11°38'	21°40'	21° 2'	1°13	2°56	21°24	6°20	F 11
S 12	7 21 46	20°43'28	18°31'	28°24'	11° 2'	26°10'	7°15'	14°50'	11°35'	21°40'	21° 0'	1° 6	2°53	21°31	6°26	S 12
S 13	7 25 43	21°44'34	0°J20	29°39'	12°14'	26°39'	7°23'	14°51'	11°32'	21°41'	20°59'	1° 0	2°49	21°37	6°32	S 13
M14	7 29 39	22°45'41	12°10'	0°55	13°27'	27° 8'	7°31'	14°53'	11°30'	21°41'	20°58'	0°56	2°46	21°44	6°38	M14
T 15	7 33 36	23°46'47	24° 2'	2°13	14°39'	27°37'	7°40'	14°54'	11°27'	21°41'	20°57'	0°54	2°43	21°51	6°44	T 15
W16	7 37 32	24°47'53	5°II59	3°32	15°51'	28° 6'	7°48'	14°55'	11°25'	21°42'	20°56'	0°D54	2°40	21°57	6°50	W16
T 17	7 41 29	25°48'58	18° 4'	4°53	17° 4'	28°34'	7°57'	14°55'	11°22'	21°42'	20°54'	0°55	2°37	22° 4	6°57	T 17
F 18	7 45 26	26°50'03	0°J21	6°14	18°16'	29° 2'	8° 6'	14°56'	11°20'	21°42'	20°53'	0°57	2°34	22°11	7° 3	F 18
S 19	7 49 22	27°51'08	12°54'	7°37	19°29'	29°30'	8°15'	14°57'	11°17'	21°42'	20°52'	0°59	2°30	22°17	7° 9	S 19
S 20	7 53 19	28°52'13	25°46'	9° 0	20°42'	29°58'	8°24'	14°58'	11°15'	21°42'	20°50'	0°R59	2°27	22°24	7°15	S 20
M21	7 57 15	29°53'17	9°II 2	10°25	21°54'	0°M26	8°33'	14°58'	11°13'	21°43'	20°49'	0°59	2°24	22°31	7°20	M21
T 22	8 1 12	0°54'21	22°45'	11°50'	23° 7'	0°53	8°42'	14°58'	11°10'	21°43'	20°48'	0°57	2°21	22°37	7°26	T 22
W23	8 5 8	1°55'25	6°J56	13°17'	24°20'	1°21	8°52'	14°59'	11° 8'	21°43'	20°46'	0°54	2°18	22°44	7°32	W23
T 24	8 9 5	2°56'28	21°32'	14°44'	25°33'	1°48	9° 1'	14°59'	11° 5'	21°R43	20°45'	0°51	2°14	22°51	7°38	T 24
F 25	8 13 1	3°57'31	6°329	16°11'	26°46'	2°15	9°11	14°R59	11° 3	21°43'	20°44'	0°46	2°11	22°57	7°44	F 25
S 26	8 16 58	4°58'33	21°40'	17°40'	27°58'	2°41	9°21	14°59'	11° 1	21°43'	20°42'	0°43	2° 8	23° 4	7°50	S 26
S 27	8 20 55	5°59'34	6°55	19° 9	29°11'	3° 8	9°31	14°58'	10°58'	21°43'	20°41'	0°40	2° 5	23°11	7°56	S 27
M28	8 24 51	7° 0'34	22° 3	20°39	0°324	3°34	9°41	14°58'	10°56'	21°42'	20°39'	0°39	2° 2	23°18	8° 1	M28
T 29	8 28 48	8° 1'34	6°H56	22°10'	1°38	4° 0	9°51	14°58'	10°54'	21°42'	20°38'	0°D39	1°59	23°24	8° 7	T 29
W30	8 32 44	9° 2'32	21°26	23°41'	2°51	4°26	10° 1	14°57'	10°52'	21°42'	20°37'	0°40	1°55	23°31	8°13	W30
T 31	8 36 41	10°3'29	5°Y29	25°313	4°3 4	4°M51	10°Y12	14°57	10°50	21°42	20°35	0°H41	1°H52	23°38	8°318	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	23s 6	12s12	0s17	20s21	2n31	17s24	2n21	6s25	1n47	1n10	1s18	3s30	2n24	23n17	0n23	6s53
W 2	23 2	5 47	1n 0	20 33	2 23	17 41	2 19	6 36	1 48	1 13	1 18	3 30	2 24	23 17	0 23	6 54
T 3	22 57	0n43	2 10	20 44	2 15	17 58	2 18	6 47	1 48	1 15	1 18	3 31	2 25	23 17	0 23	6 54
F 4	22 51	6 58	3 12	20 57	2 7	18 14	2 16	6 58	1 48	1 18	1 18	3 32	2 25	23 18	0 23	6 54
S 5	22 45	12 45	4 1	21 9	1 58	18 30	2 15	7 9	1 49	1 21	1 17	3 32	2 25	23 18	0 23	6 54
S 6	22 39	17 52	4 37	21 22	1 50	18 45	2 13	7 20	1 49	1 24	1 17	3 33	2 25	23 18	0 23	6 54
M 7	22 32	22 6	5 0	21 34	1 41	19 0	2 11	7 31	1 49	1 27	1 17	3 33	2 26	23 18	0 23	6 54
T 8	22 25	25 19	5 8	21 46	1 32	19 14	2 9	7 42	1 49	1 30	1 17	3 34	2 26	23 19	0 23	6 55
W 9	22 17	27 20	5 2	21 58	1 23	19 28	2 7	7 52	1 50	1 34	1 16	3 34	2 26	23 19	0 23	6 55
T 10	22 9	28 4	4 43	22 10	1 14	19 41	2 5	8 3	1 50	1 37	1 16	3 35	2 26	23 19	0 23	6 55
F 11	22 0	27 28	4 12	22 20	1 5	19 54	2 3	8 13	1 50	1 40	1 16	3 35	2 27	23 19	0 23	6 55
S 12	21 51	25 38	3 30	22 30	0 56	20 7	2 1	8 23	1 50	1 43	1 16	3 35	2 27	23 20	0 23	6 55
S 13	21 41	22 40	2 38	22 40	0 47	20 18	1 59	8 34	1 51	1 47	1 15	3 35	2 27	23 20	0 23	6 55
M14	21 32	18 45	1 40	22 48	0 38	20 30	1 56	8 44	1 51	1 50	1 15	3 36	2 28	23 20	0 23	6 55
T 15	21 21	14 6	0 37	22 56	0 30	20 41	1 54	8 54	1 51	1 54	1 15	3 36	2 28	23 20	0 23	6 55
W16	21 11	8 53	0 32	23 3	0 21	20 51	1 52	9 4	1 51	1 57	1 15	3 36	2 28	23 21	0 23	6 55
T 17	20 59	3 18	1 38	23 9	0 13	21 1	1 49	9 14	1 52	2 1	1 14	3 36	2 28	23 21	0 23	6 55
F 18	20 48	2s30	2 34	23 13	0 5	21 10	1 46	9 24	1 52	2 5	1 14	3 36	2 29	23 21	0 23	6 55
S 19	20 36	8 19	3 30	23 17	0s 3	21 18	1 44	9 33	1 52	2 8	1 14	3 36	2 29	23 21	0 23	6 55
S 20	20 24	13 56	4 16	23 20	0 11	21 26	1 41	9 43	1 52	2 12	1 14	3 36	2 29	23 21	0 23	6 55
M21	20 19	11 6	4 51	23 21	0 19	21 34	1 39	9 52	1 53	2 16	1 13	3 36	2 30	23 22	0 23	6 55
T 22	19 58	23 28	5 10	23 21	0 26	21 40	1 36	10 2	1 53	2 20	1 13	3 36	2 30	23 22	0 23	6 55
W23	19 44	26 36	5 12	23 20	0 33	21 47	1 33	10 11	1 53	2 24	1 13	3 36	2 30	23 22	0 23	6 55
T 24	19 30	28 3	4 53	23 18	0 40	21 52	1 30	10 20	1 53	2 28	1 13	3 35	2 30	23 22	0 23	6 55
F 25	19 16	27 32	4 15	23 15	0 47	21 57	1 27	10 29	1 53	2 32	1 12	3 35	2 31	23 22	0 23	6 55
S 26	19 2	24 58	3 18	23 10	0 54	22 2	1 24	10 38	1 54	2 36	1 12	3 35	2 31	23 23	0 23	6 55
S 27	18 47	20 36	2 7	23 4	1 0	22 5	1 21	10 47	1 54	2 40	1 12	3 34	2 31	23 23	0 23	6 55
M28	18 32	14 54	0 47	22 57	1 6	22 8	1 18	10 55	1 54	2 44	1 12	3 34	2 32	23 23	0 23	6 55
T 29	18 16	8 26	0n35	22 49	1 12	22 11	1 15	11 4	1 54	2 48	1 12	3 34	2 32	23 23	0 23	6 55
W30	18 0	1 41	1 52	22 39	1 18	22 13	1 12	11 12	1 54	2 53	1 11	3 33	2 32	23 23	0 23	6 55
T 31	17s44	4n57	3n 1	22s28	1s23	22s14	1n 9	11s21	1n55	2n57	1s11	3s33	2n32	23n23	0n23	6s55

Julian Day Number = 2434012.5, Delta T = 29.70 sec  
Ecliptic obliquity = 23°26'52, Nutation = 0°00'08, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 24°04'11, Lahiri = 23°11'12

ASTRODIENST EPHEMERIS for the year 1952  
geocentric

FEBRUARY 1952

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 40 37	11° 42' 5	19° 5' 26	26° 46' 5	5° 17' 17	5° 16' 16	10° 22' 22	14° 56' 56	10° 47' 47	21° 42' 42	20° 34' 34	0° 42' 42	1° 49' 49	23° 44' 44	8° 24' 24	F 1
S 2	8 44 34	12° 5' 19	2° 15' 15	28° 19' 19	6° 30' 30	5° 41' 41	10° 33' 33	14° 55' 55	10° 45' 45	21° 41' 41	20° 32' 32	0° 43' 43	1° 46' 46	23° 51' 51	8° 29' 29	S 2
S 3	8 48 30	13° 6' 12	15° 2' 2	29° 54' 54	7° 43' 43	6° 6' 6	10° 44' 44	14° 54' 54	10° 43' 43	21° 41' 41	20° 31' 31	0° 44' 44	1° 43' 43	23° 58' 58	8° 35' 35	S 3
M 4	8 52 27	14° 7' 04	27° 29' 29	1° 28' 28	8° 57' 57	6° 31' 31	10° 55' 55	14° 53' 53	10° 41' 41	21° 41' 41	20° 29' 29	0° 43' 43	1° 40' 40	24° 4' 4	8° 40' 40	M 4
T 5	8 56 24	15° 7' 54	9° 14' 14	3° 4' 4	10° 10' 10	6° 55' 55	11° 6' 6	14° 52' 52	10° 39' 39	21° 40' 40	20° 28' 28	0° 42' 42	1° 36' 36	24° 11' 11	8° 46' 46	T 5
W 6	9 0 20	16° 8' 43	21° 42' 42	4° 40' 40	11° 23' 23	7° 19' 19	11° 17' 17	14° 51' 51	10° 37' 37	21° 40' 40	20° 26' 26	0° 40' 40	1° 33' 33	24° 18' 18	8° 51' 51	W 6
T 7	9 4 17	17° 9' 31	3° 36' 36	6° 18' 18	12° 36' 36	7° 42' 42	11° 28' 28	14° 49' 49	10° 35' 35	21° 39' 39	20° 25' 25	0° 38' 38	1° 30' 30	24° 24' 24	8° 56' 56	T 7
F 8	9 8 13	18° 10' 17	15° 25' 25	7° 55' 55	13° 50' 50	8° 6' 6	11° 39' 39	14° 48' 48	10° 33' 33	21° 39' 39	20° 24' 24	0° 36' 36	1° 27' 27	24° 31' 31	9° 2' 2	F 8
S 9	9 12 10	19° 11' 02	27° 14' 14	9° 34' 34	15° 3' 3	8° 29' 29	11° 51' 51	14° 46' 46	10° 31' 31	21° 38' 38	20° 22' 22	0° 34' 34	1° 24' 24	24° 38' 38	9° 7' 7	S 9
S 10	9 16 6	20° 11' 45	9° 5' 5	11° 14' 14	16° 17' 17	8° 52' 52	12° 2' 2	14° 45' 45	10° 30' 30	21° 38' 38	20° 21' 21	0° 33' 33	1° 20' 20	24° 44' 44	9° 12' 12	S 10
M 11	9 20 3	21° 12' 27	21° 0' 0	12° 54' 54	17° 30' 30	9° 14' 14	12° 14' 14	14° 43' 43	10° 28' 28	21° 37' 37	20° 19' 19	0° 32' 32	1° 17' 17	24° 51' 51	9° 17' 17	M 11
T 12	9 24 0	22° 13' 08	3° 10' 10	14° 35' 35	18° 43' 43	9° 36' 36	12° 25' 25	14° 41' 41	10° 26' 26	21° 36' 36	20° 18' 18	0° 32' 32	1° 14' 14	24° 58' 58	9° 22' 22	T 12
W 13	9 27 56	23° 13' 47	15° 8' 8	16° 17' 17	19° 57' 57	9° 58' 58	12° 37' 37	14° 39' 39	10° 24' 24	21° 36' 36	20° 16' 16	0° 32' 32	1° 11' 11	25° 4' 4	9° 27' 27	W 13
T 14	9 31 53	24° 14' 25	27° 25' 25	17° 59' 59	21° 10' 10	10° 20' 20	12° 49' 49	14° 37' 37	10° 23' 23	21° 35' 35	20° 15' 15	0° 33' 33	1° 8' 8	25° 11' 11	9° 32' 32	T 14
F 15	9 35 49	25° 15' 02	9° 54' 54	19° 43' 43	22° 24' 24	10° 41' 41	13° 1' 1	14° 35' 35	10° 21' 21	21° 34' 34	20° 13' 13	0° 33' 33	1° 5' 5	25° 18' 18	9° 37' 37	F 15
S 16	9 39 46	26° 15' 37	22° 36' 36	21° 27' 27	23° 37' 37	11° 2' 2	13° 13' 13	14° 33' 33	10° 19' 19	21° 34' 34	20° 12' 12	0° 34' 34	1° 1' 1	25° 24' 24	9° 42' 42	S 16
S 17	9 43 42	27° 16' 11	5° 13' 13	23° 13' 13	24° 51' 51	11° 22' 22	13° 25' 25	14° 30' 30	10° 18' 18	21° 33' 33	20° 10' 10	0° 34' 34	0° 58' 58	25° 31' 31	9° 47' 47	S 17
M 18	9 47 39	28° 16' 45	18° 51' 51	24° 59' 59	26° 5' 5	11° 42' 42	13° 37' 37	14° 28' 28	10° 16' 16	21° 32' 32	20° 9' 9	0° 34' 34	0° 55' 55	25° 38' 38	9° 52' 52	M 18
T 19	9 51 35	29° 17' 16	2° 28' 28	26° 46' 46	27° 18' 18	12° 2' 2	13° 50' 50	14° 25' 25	10° 15' 15	21° 31' 31	20° 8' 8	0° 34' 34	0° 52' 52	25° 44' 44	9° 57' 57	T 19
W 20	9 55 32	0° 17' 17	16° 25' 25	28° 34' 34	28° 32' 32	12° 21' 21	14° 2' 2	14° 23' 23	10° 13' 13	21° 30' 30	20° 6' 6	0° 34' 34	0° 49' 49	25° 51' 51	10° 1' 1	W 20
T 21	9 59 28	1° 18' 18	0° 42' 42	0° 23' 23	29° 46' 46	12° 40' 40	14° 14' 14	14° 20' 20	10° 12' 12	21° 29' 29	20° 5' 5	0° 34' 34	0° 46' 46	25° 58' 58	10° 6' 6	T 21
F 22	10 3 25	2° 18' 45	15° 18' 18	2° 13' 13	0° 59' 59	12° 59' 59	14° 27' 27	14° 17' 17	10° 11' 11	21° 29' 29	20° 3' 3	0° 34' 34	0° 42' 42	26° 4' 4	10° 10' 10	F 22
S 23	10 7 22	3° 19' 12	0° 7' 7	4° 4' 4	2° 13' 13	13° 17' 17	14° 40' 40	14° 14' 14	10° 10' 10	21° 28' 28	20° 2' 2	0° 35' 35	0° 39' 39	26° 11' 11	10° 15' 15	S 23
S 24	10 11 18	4° 19' 37	15° 4' 4	5° 55' 55	3° 27' 27	13° 35' 35	14° 52' 52	14° 11' 11	10° 8' 8	21° 27' 27	20° 0' 0	0° 35' 35	0° 36' 36	26° 18' 18	10° 19' 19	S 24
M 25	10 15 15	5° 20' 00	29° 59' 59	7° 47' 47	4° 40' 40	13° 52' 52	15° 5' 5	14° 8' 8	10° 7' 7	21° 26' 26	19° 59' 59	0° 35' 35	0° 33' 33	26° 24' 24	10° 24' 24	M 25
T 26	10 19 11	6° 20' 22	14° 46' 46	9° 40' 40	5° 54' 54	14° 9' 9	15° 18' 18	14° 5' 5	10° 6' 6	21° 25' 25	19° 58' 58	0° 35' 35	0° 30' 30	26° 31' 31	10° 28' 28	T 26
W 27	10 23 8	7° 20' 42	29° 17' 17	11° 34' 34	7° 8' 8	14° 26' 26	15° 31' 31	14° 2' 2	10° 5' 5	21° 24' 24	19° 56' 56	0° 34' 34	0° 26' 26	26° 38' 38	10° 32' 32	W 27
T 28	10 27 4	8° 21' 01	13° 26' 26	13° 28' 28	8° 22' 22	14° 42' 42	15° 44' 44	13° 59' 59	10° 4' 4	21° 22' 22	19° 55' 55	0° 34' 34	0° 23' 23	26° 44' 44	10° 36' 36	T 28
F 29	10 31 1	9° 21' 17	27° 11' 11	15° 23' 23	9° 35' 35	14° 15' 15	15° 57' 57	13° 55' 55	10° 3' 3	21° 21' 21	19° 54' 54	0° 33' 33	0° 20' 20	26° 51' 51	10° 40' 40	F 29

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	17s27	11n 7	3n56	22s15	1s28	22s14	1n 6	11s29	1n55	3n 1	1s11	3s32	2n33	23n24	0n23	6s54	1n40	23n19	9n11	11s14	10s50	24n30	17s14	5n58			
S 2	17 11	16 36	4 38	22 1	1 33	22 14	1 3	11 37	1 55	3 6	1 11	3 32	2 33	23 24	0 23	6 54	1 40	23 20	9 11	11 13	10 51	24 28	17 13	5 58			
S 3	16 53	21 12	5 4	21 46	1 37	22 13	1 0	11 45	1 55	3 10	1 11	3 31	2 33	23 24	0 23	6 54	1 40	23 21	9 11	11 13	10 52	24 26	17 13	5 58			
M 4	16 36	24 43	5 16	21 29	1 42	22 12	0 57	11 53	1 55	3 14	1 10	3 30	2 34	23 24	0 23	6 54	1 40	23 21	9 11	11 13	10 53	24 24	17 12	5 59			
T 5	16 18	27 3	5 12	21 11	1 46	22 10	0 54	12 0	1 55	3 19	1 10	3 30	2 34	23 24	0 23	6 54	1 41	23 22	9 11	11 14	10 54	24 22	17 11	5 59			
W 6	16 0	28 6	4 55	20 52	1 49	22 7	0 51	12 8	1 56	3 23	1 10	3 29	2 34	23 24	0 23	6 53	1 41	23 22	9 11	11 14	10 56	24 20	17 11	5 59			
T 7	15 42	27 49	4 26	20 31	1 52	22 4	0 48	12 16	1 56	3 28	1 10	3 28	2 34	23 25	0 23	6 53	1 41	23 23	9 11	11 15	10 57	24 18	17 10	6 0			
F 8	15 23	26 16	3 45	20 9	1 55	22 0	0 44	12 23	1 56	3 33	1 10	3 27	2 35	23 25	0 23	6 53	1 41	23 23	9 12	11 16	10 58	24 16	17 9	6 0			
S 9	15 5	23 34	2 54	19 45	1 58	21 55	0 41	12 30	1 56	3 37	1 9	3 27	2 35	23 25	0 23	6 53	1 41	23 24	9 12	11 17	10 59	24 14	17 8	6 0			
S 10	14 45	19 51	1 56	19 20	2 0	21 49	0 38	12 37	1 56	3 42	1 9	3 26	2 35	23 25	0 23	6 52	1 41	23 24	9 12	11 17	11 0	24 13	17 8	6 1			
M 11	14 26	15 20	0 53	18 54	2 2	21 44	0 35	12 44	1 56	3 46	1 9	3 25	2 35	23 25	0 23	6 52	1 41	23 25	9 12	11 17	11 1	24 11	17 7	6 1			
T 12	14 7	10 12	0s14	18 26	2 4	21 37	0 32	12 51	1 56	3 51	1 9	3 24	2 36	23 25	0 23	6 52	1 41	23 26	9 12	11 17	11 2	24 9	17 6	6 2			
W 13	13 47	4 38	1 20	17 57	2 5	21 30	0 29	12 58	1 56	3 56	1 9	3 23	2 36	23 25	0 23	6 52	1 41	23 26	9 12	11 17	11 3	24 7	17 5	6 2			
T 14	13 27	1s10	2 24	17 26	2 6	21 22	0 25	13 5	1 57	4 1	1 9	3 22	2 36	23 26	0 23	6 51	1 41	23 27	9 12	11 17	11 5	24 5	17 5	6 3			
F 15	13 7	7 1	3 22	16 54	2 6	21 13	0 22	13 11	1 57	4 6	1 8	3 21	2 36	23 26	0 23	6 51	1 41	23 27	9 12	11 17	11 6	24 3	17 4	6 3			
S 16	12 46	12 40	4 11	16 20	2 6	21 4	0 19	13 17	1 57	4 10	1 8	3 20	2 37	23 26	0 23	6 51	1 41	23 28	9 12	11 17	11 7	24 1	17 3	6 3			
S 17	12 25	17 54	4 48	15 45	2 5	20 54	0 16	13 24	1 57	4 15	1 8	3 18	2 37	23 26	0 23	6 50	1 41	23 28	9 12	11 17	11 8	23 59	17 2	6 4			
M 18	12 5	22 25	5 11	15 9	2 4	20 44	0 13	13 30	1 57	4 20	1 8	3 17	2 37	23 26	0 23	6 50	1 41	23 29	9 12	11 16	11 9	23 57	17 2	6 4			
T 19	11 44	25 51	5 18	14 31	2 3	20 33	0 10	13 36	1 57	4 25	1 8	3 16	2 37	23 26	0 23	6 50	1 41	23 29	9 12	11 16	11 10	23 55	17 1	6 5			
W 20	11 22	27 49	5 6	13 52	2 1	20 21	0 7	13 42	1 57	4 30	1 8	3 15	2 38	23 26	0 23	6 49	1 41	23 30	9 12	11 16	11 11	23 53	17 0	6 5			
T 21	11 1	28 2	4 35	13 11	1 58	20 9	0 4	13 47	1 57	4 35	1 7	3 14	2 38	23 26	0 23	6 49	1 41	23 30	9 12	11 16	11 12	23 51	16 59	6 6			
F 22	10 39	26 19	3 46	12 29	1 55	19 56	0 1	13 53	1 57	4 40	1 7	3 12	2 38	23 26	0 23	6 48	1 41	23 31	9 12	11 16	11 14	23 49	16 58	6 6			
S 23	10 18	22 46	2 41	11 46	1 52	19 43	0s 2	13 58	1 57	4 45	1 7	3 11	2 38	23 27	0 23	6 48	1 42	23 31	9 12	11 16	11 15	23 47	16 58	6 7			
S 24	9 56	17 41	1 25	11 1	1 48	19 29	0 5	14 4	1 57	4 50	1 7	3 10	2 38	23 27	0 23	6 48	1 42	23 32	9 12	11 16	11 16	23 45	16 57	6 7			
M 25	9 34	11 32	0 3	10 15	1 43	19 14	0 8	14 9	1 57	4 55	1 7	3 8	2 39	23 27	0 23	6 47	1 42	23 32	9 12	11 16	11 17	23 43	16 56	6 8			
T 26	9 11	4 48	1n18	9 28	1 38	18 59	0 11	14 14	1 57	5 0	1 7	3 7	2 39	23 27	0 23	6 47	1 42	23 33	9 12	11 16	11 18	23 41	16 55	6 8			
W 27	8 49	2n 3	2 33	8 39	1 33	18 43	0 14	14 19	1 57	5 5	1 7	3 5	2 39	23 27	0 23	6 46	1 42	23 33	9 12	11 16	11 19	23 39	16 54	6 8			
T 28	8 27	8 38	3 36	7 50	1 26	18 27	0 17	14 24	1 57	5 10	1 6	3 4	2 39	23 27	0 23	6 46	1 42	23 34	9 12	11 17	11 20	23 37	16 54	6 9			
F 29	8s 4	14n35	4n25	6s59	1s19	18s11	0s20	14s28	1n57	5n15	1s 6	3s 3	2n40	23n27	0n23	6s45	1n42	23n34	9n12	11s17	11s21	23n35	16s53	6n1			

ASTRODIENST EPHEMERIS for the year 1952  
geocentric

MARCH 1952

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 34 57	10 <sup>h</sup> 11'32"	10 <sup>h</sup> 8'29"	17 <sup>h</sup> 11'17"	10 <sup>h</sup> 48'49"	15 <sup>h</sup> 11'13"	16 <sup>h</sup> 10'10"	13 <sup>h</sup> 52'13"	10 <sup>h</sup> 52'13"	21 <sup>h</sup> 19'20"	19 <sup>h</sup> 52'13"	0 <sup>h</sup> 52'13"	0 <sup>h</sup> 11'17"	26 <sup>h</sup> 58'58"	10 <sup>h</sup> 48'44"	S 1
S 2	10 38 54	11 <sup>h</sup> 21'44"	23 <sup>h</sup> 23'	19 <sup>h</sup> 12'	12 <sup>h</sup> 3'	15 <sup>h</sup> 27'	16 <sup>h</sup> 23'	13 <sup>h</sup> 48'	10 <sup>h</sup> 52'13"	21 <sup>h</sup> 19'20"	19 <sup>h</sup> 52'13"	0 <sup>h</sup> 11'17"	0 <sup>h</sup> 14'	27 <sup>h</sup> 4'	10 <sup>h</sup> 48'	S 2
M 3	10 42 51	12 <sup>h</sup> 21'54"	5 <sup>h</sup> 11'55"	21 <sup>h</sup> 7'	13 <sup>h</sup> 17'	15 <sup>h</sup> 41'	16 <sup>h</sup> 36'	13 <sup>h</sup> 45'	10 <sup>h</sup> 0'	21 <sup>h</sup> 18'	19 <sup>h</sup> 49'	0 <sup>h</sup> 30'	0 <sup>h</sup> 11'	27 <sup>h</sup> 11'	10 <sup>h</sup> 52'	M 3
T 4	10 46 47	13 <sup>h</sup> 22'03"	18 <sup>h</sup> 9'	23 <sup>h</sup> 2'	14 <sup>h</sup> 30'	15 <sup>h</sup> 55'	16 <sup>h</sup> 49'	13 <sup>h</sup> 41'	9 <sup>h</sup> 59'	21 <sup>h</sup> 17'	19 <sup>h</sup> 48'	0 <sup>h</sup> D30	0 <sup>h</sup> 7'	27 <sup>h</sup> 18'	10 <sup>h</sup> 56'	T 4
W 5	10 50 44	14 <sup>h</sup> 22'09"	0 <sup>h</sup> 51'10"	24 <sup>h</sup> 56'	15 <sup>h</sup> 44'	16 <sup>h</sup> 8'	17 <sup>h</sup> 3'	13 <sup>h</sup> 37'	9 <sup>h</sup> 59'	21 <sup>h</sup> 15'	19 <sup>h</sup> 47'	0 <sup>h</sup> 30'	0 <sup>h</sup> 4'	27 <sup>h</sup> 24'	11 <sup>h</sup> 0'	W 5
T 6	10 54 40	15 <sup>h</sup> 22'13"	12 <sup>h</sup> 2'	26 <sup>h</sup> 49'	16 <sup>h</sup> 58'	16 <sup>h</sup> 21'	17 <sup>h</sup> 16'	13 <sup>h</sup> 34'	9 <sup>h</sup> 58'	21 <sup>h</sup> 14'	19 <sup>h</sup> 46'	0 <sup>h</sup> 31'	0 <sup>h</sup> 1'	27 <sup>h</sup> 31'	11 <sup>h</sup> 4'	T 6
F 7	10 58 37	16 <sup>h</sup> 22'15"	23 <sup>h</sup> 51'	28 <sup>h</sup> 41'	18 <sup>h</sup> 12'	16 <sup>h</sup> 33'	17 <sup>h</sup> 29'	13 <sup>h</sup> 30'	9 <sup>h</sup> 57'	21 <sup>h</sup> 13'	19 <sup>h</sup> 44'	0 <sup>h</sup> 33'	29 <sup>h</sup> 58'	27 <sup>h</sup> 38'	11 <sup>h</sup> 7'	F 7
S 8	11 2 33	17 <sup>h</sup> 22'15"	5 <sup>h</sup> 12'40"	0 <sup>h</sup> 11'31"	19 <sup>h</sup> 25'	16 <sup>h</sup> 45'	17 <sup>h</sup> 43'	13 <sup>h</sup> 26'	9 <sup>h</sup> 57'	21 <sup>h</sup> 12'	19 <sup>h</sup> 43'	0 <sup>h</sup> 34'	29 <sup>h</sup> 55'	27 <sup>h</sup> 44'	11 <sup>h</sup> 11'	S 8
S 9	11 6 30	18 <sup>h</sup> 22'13"	17 <sup>h</sup> 33'	2 <sup>h</sup> 19'	20 <sup>h</sup> 39'	16 <sup>h</sup> 56'	17 <sup>h</sup> 56'	13 <sup>h</sup> 22'	9 <sup>h</sup> 56'	21 <sup>h</sup> 10'	19 <sup>h</sup> 42'	0 <sup>h</sup> 36'	29 <sup>h</sup> 52'	27 <sup>h</sup> 51'	11 <sup>h</sup> 14'	S 9
M10	11 10 26	19 <sup>h</sup> 22'08"	29 <sup>h</sup> 34'	4 <sup>h</sup> 5'	21 <sup>h</sup> 53'	17 <sup>h</sup> 6'	18 <sup>h</sup> 10'	13 <sup>h</sup> 18'	9 <sup>h</sup> 56'	21 <sup>h</sup> 9'	19 <sup>h</sup> 41'	0 <sup>h</sup> R36	29 <sup>h</sup> 48'	27 <sup>h</sup> 58'	11 <sup>h</sup> 18'	M10
T 11	11 14 23	20 <sup>h</sup> 22'02"	11 <sup>h</sup> 11'45"	5 <sup>h</sup> 48'	23 <sup>h</sup> 7'	17 <sup>h</sup> 16'	18 <sup>h</sup> 24'	13 <sup>h</sup> 14'	9 <sup>h</sup> 55'	21 <sup>h</sup> 8'	19 <sup>h</sup> 39'	0 <sup>h</sup> 36'	29 <sup>h</sup> 45'	28 <sup>h</sup> 4'	11 <sup>h</sup> 21'	T 11
W12	11 18 20	21 <sup>h</sup> 21'54"	24 <sup>h</sup> 7'	7 <sup>h</sup> 27'	24 <sup>h</sup> 21'	17 <sup>h</sup> 25'	18 <sup>h</sup> 37'	13 <sup>h</sup> 10'	9 <sup>h</sup> 55'	21 <sup>h</sup> 6'	19 <sup>h</sup> 38'	0 <sup>h</sup> 34'	29 <sup>h</sup> 42'	28 <sup>h</sup> 11'	11 <sup>h</sup> 24'	W12
T 13	11 22 16	22 <sup>h</sup> 21'43"	6 <sup>h</sup> 12'42"	9 <sup>h</sup> 2'	25 <sup>h</sup> 35'	17 <sup>h</sup> 34'	18 <sup>h</sup> 51'	13 <sup>h</sup> 6'	9 <sup>h</sup> 55'	21 <sup>h</sup> 5'	19 <sup>h</sup> 37'	0 <sup>h</sup> 32'	29 <sup>h</sup> 39'	28 <sup>h</sup> 18'	11 <sup>h</sup> 28'	T 13
F 14	11 26 13	23 <sup>h</sup> 21'31"	19 <sup>h</sup> 31'	10 <sup>h</sup> 33'	26 <sup>h</sup> 48'	17 <sup>h</sup> 42'	19 <sup>h</sup> 5'	13 <sup>h</sup> 1'	9 <sup>h</sup> 55'	21 <sup>h</sup> 4'	19 <sup>h</sup> 36'	0 <sup>h</sup> 28'	29 <sup>h</sup> 36'	28 <sup>h</sup> 24'	11 <sup>h</sup> 31'	F 14
S 15	11 30 9	24 <sup>h</sup> 21'17"	2 <sup>h</sup> 11'33"	11 <sup>h</sup> 59'	28 <sup>h</sup> 2'	17 <sup>h</sup> 50'	19 <sup>h</sup> 19'	12 <sup>h</sup> 57'	9 <sup>h</sup> 54'	21 <sup>h</sup> 2'	19 <sup>h</sup> 35'	0 <sup>h</sup> 25'	29 <sup>h</sup> 32'	28 <sup>h</sup> 31'	11 <sup>h</sup> 34'	S 15
S 16	11 34 6	25 <sup>h</sup> 21'02"	15 <sup>h</sup> 49'	13 <sup>h</sup> 19'	29 <sup>h</sup> 16'	17 <sup>h</sup> 57'	19 <sup>h</sup> 32'	12 <sup>h</sup> 53'	9 <sup>h</sup> 54'	21 <sup>h</sup> 1'	19 <sup>h</sup> 33'	0 <sup>h</sup> 21'	29 <sup>h</sup> 29'	28 <sup>h</sup> 38'	11 <sup>h</sup> 37'	S 16
M17	11 38 2	26 <sup>h</sup> 20'44"	29 <sup>h</sup> 17'	14 <sup>h</sup> 34'	0 <sup>h</sup> 11'30"	18 <sup>h</sup> 3'	19 <sup>h</sup> 46'	12 <sup>h</sup> 48'	9 <sup>h</sup> 54'	20 <sup>h</sup> 59'	19 <sup>h</sup> 32'	0 <sup>h</sup> 18'	29 <sup>h</sup> 26'	28 <sup>h</sup> 44'	11 <sup>h</sup> 40'	M17
T 18	11 41 59	27 <sup>h</sup> 20'25"	12 <sup>h</sup> 11'59"	15 <sup>h</sup> 42'	1 <sup>h</sup> 44'	18 <sup>h</sup> 8'	20 <sup>h</sup> 0'	12 <sup>h</sup> 44'	9 <sup>h</sup> D54	20 <sup>h</sup> 58'	19 <sup>h</sup> 31'	0 <sup>h</sup> 16'	29 <sup>h</sup> 23'	28 <sup>h</sup> 51'	11 <sup>h</sup> 42'	T 18
W19	11 45 55	28 <sup>h</sup> 20'04"	26 <sup>h</sup> 53'	16 <sup>h</sup> 43'	2 <sup>h</sup> 58'	18 <sup>h</sup> 13'	20 <sup>h</sup> 14'	12 <sup>h</sup> 40'	9 <sup>h</sup> 54'	20 <sup>h</sup> 56'	19 <sup>h</sup> 30'	0 <sup>h</sup> D15	29 <sup>h</sup> 20'	28 <sup>h</sup> 58'	11 <sup>h</sup> 45'	W19
T 20	11 49 52	29 <sup>h</sup> 19'42"	10 <sup>h</sup> 53'59"	17 <sup>h</sup> 38'	4 <sup>h</sup> 11'	18 <sup>h</sup> 18'	20 <sup>h</sup> 28'	12 <sup>h</sup> 35'	9 <sup>h</sup> 54'	20 <sup>h</sup> 55'	19 <sup>h</sup> 29'	0 <sup>h</sup> 15'	29 <sup>h</sup> 17'	29 <sup>h</sup> 4'	11 <sup>h</sup> 48'	T 20
F 21	11 53 49	0 <sup>h</sup> 11'19"	19 <sup>h</sup> 18'	25 <sup>h</sup> 16'	18 <sup>h</sup> 24'	5 <sup>h</sup> 25'	18 <sup>h</sup> 21'	20 <sup>h</sup> 42'	12 <sup>h</sup> 31'	9 <sup>h</sup> 54'	20 <sup>h</sup> 53'	19 <sup>h</sup> 28'	0 <sup>h</sup> 17'	29 <sup>h</sup> 13'	29 <sup>h</sup> 11'	F 21
S 22	11 57 45	1 <sup>h</sup> 18'52"	9 <sup>h</sup> 40'	19 <sup>h</sup> 4'	6 <sup>h</sup> 39'	18 <sup>h</sup> 24'	20 <sup>h</sup> 56'	12 <sup>h</sup> 26'	9 <sup>h</sup> 54'	20 <sup>h</sup> 52'	19 <sup>h</sup> 27'	0 <sup>h</sup> 18'	29 <sup>h</sup> 10'	29 <sup>h</sup> 18'	11 <sup>h</sup> 53'	S 22
S 23	12 1 42	2 <sup>h</sup> 18'24"	24 <sup>h</sup> 10'	19 <sup>h</sup> 36'	7 <sup>h</sup> 53'	18 <sup>h</sup> 26'	21 <sup>h</sup> 10'	12 <sup>h</sup> 22'	9 <sup>h</sup> 55'	20 <sup>h</sup> 50'	19 <sup>h</sup> 26'	0 <sup>h</sup> R19	29 <sup>h</sup> 7'	29 <sup>h</sup> 24'	11 <sup>h</sup> 55'	S 23
M24	12 5 38	3 <sup>h</sup> 17'54"	8 <sup>h</sup> 11'45"	19 <sup>h</sup> 59'	9 <sup>h</sup> 7'	18 <sup>h</sup> 28'	21 <sup>h</sup> 24'	12 <sup>h</sup> 17'	9 <sup>h</sup> 55'	20 <sup>h</sup> 49'	19 <sup>h</sup> 25'	0 <sup>h</sup> 19'	29 <sup>h</sup> 4'	29 <sup>h</sup> 31'	11 <sup>h</sup> 58'	M24
T 25	12 9 35	4 <sup>h</sup> 17'23"	23 <sup>h</sup> 6'	20 <sup>h</sup> 15'	10 <sup>h</sup> 21'	18 <sup>h</sup> R28	21 <sup>h</sup> 39'	12 <sup>h</sup> 12'	9 <sup>h</sup> 55'	20 <sup>h</sup> 47'	19 <sup>h</sup> 24'	0 <sup>h</sup> 17'	29 <sup>h</sup> 1'	29 <sup>h</sup> 38'	12 <sup>h</sup> 0'	T 25
W26	12 13 31	5 <sup>h</sup> 16'49"	7 <sup>h</sup> 11'22"	20 <sup>h</sup> 24'	11 <sup>h</sup> 35'	18 <sup>h</sup> 28'	21 <sup>h</sup> 53'	12 <sup>h</sup> 8'	9 <sup>h</sup> 56'	20 <sup>h</sup> 46'	19 <sup>h</sup> 23'	0 <sup>h</sup> 14'	28 <sup>h</sup> 57'	29 <sup>h</sup> 44'	12 <sup>h</sup> 2'	W26
T 27	12 17 28	6 <sup>h</sup> 16'13"	21 <sup>h</sup> 22'	20 <sup>h</sup> R24	12 <sup>h</sup> 48'	18 <sup>h</sup> 28'	22 <sup>h</sup> 7'	12 <sup>h</sup> 3'	9 <sup>h</sup> 56'	20 <sup>h</sup> 44'	19 <sup>h</sup> 22'	0 <sup>h</sup> 9'	28 <sup>h</sup> 54'	29 <sup>h</sup> 51'	12 <sup>h</sup> 4'	T 27
F 28	12 21 24	7 <sup>h</sup> 15'36"	5 <sup>h</sup> 11' 2'	20 <sup>h</sup> 18'	14 <sup>h</sup> 2'	18 <sup>h</sup> 26'	22 <sup>h</sup> 21'	11 <sup>h</sup> 58'	9 <sup>h</sup> 57'	20 <sup>h</sup> 42'	19 <sup>h</sup> 21'	0 <sup>h</sup> 3'	28 <sup>h</sup> 51'	29 <sup>h</sup> 58'	12 <sup>h</sup> 6'	F 28
S 29	12 25 21	8 <sup>h</sup> 14'56"	18 <sup>h</sup> 21'	20 <sup>h</sup> 4'	15 <sup>h</sup> 16'	18 <sup>h</sup> 24'	22 <sup>h</sup> 35'	11 <sup>h</sup> 54'	9 <sup>h</sup> 57'	20 <sup>h</sup> 41'	19 <sup>h</sup> 20'	29 <sup>h</sup> 56'	28 <sup>h</sup> 48'	0 <sup>h</sup> 11' 4'	12 <sup>h</sup> 8'	S 29
S 30	12 29 18	9 <sup>h</sup> 14'14"	1 <sup>h</sup> 11'17"	19 <sup>h</sup> 43'	16 <sup>h</sup> 30'	18 <sup>h</sup> 21'	22 <sup>h</sup> 50'	11 <sup>h</sup> 49'	9 <sup>h</sup> 58'	20 <sup>h</sup> 39'	19 <sup>h</sup> 19'	29 <sup>h</sup> 51'	28 <sup>h</sup> 45'	0 <sup>h</sup> 11'	12 <sup>h</sup> 10'	S 30
M31	12 33 14	10 <sup>h</sup> 13'30"	13 <sup>h</sup> 11'52"	19 <sup>h</sup> 16'	17 <sup>h</sup> 11'44"	18 <sup>h</sup> 11'17"	23 <sup>h</sup> 11' 4'	11 <sup>h</sup> 44'	9 <sup>h</sup> 58'	20 <sup>h</sup> 38'	19 <sup>h</sup> 19'	29 <sup>h</sup> 46'	28 <sup>h</sup> 42'	0 <sup>h</sup> 11'18"	12 <sup>h</sup> 12'	M31

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7s41	19n41	4n58	6s 7	1s12	17s53	0s23	14s33	1n57	5n20	1s 6	3s 1	2n40	23n27	0n23	6s45	1n42	23n34	9n12	11s17	11s23	23n33	16s52	6n10			
S 2	7 18	23 42	5 15	5 15	1 4	17 36	0 25	14 37	1 56	5 26	1 6	3 0	2 40	23 27	0 23	6 45	1 42	23 35	9 12	11 18	11 24	23 31	16 51	6 11			
M 3	6 55	26 29	5 16	4 22	0 55	17 17	0 28	14 41	1 56	5 31	1 6	2 58	2 40	23 27	0 23	6 44	1 42	23 35	9 12	11 18	11 25	23 29	16 50	6 11			
T 4	6 32	27 56	5 2	3 28	0 46	16 59	0 31	14 45	1 56	5 36	1 6	2 56	2 40	23 27	0 23	6 44	1 42	23 36	9 12	11 18	11 26	23 27	16 49	6 12			
W 5	6 9	28 3	4 36	2 34	0 36	16 39	0 33	14 49	1 56	5 41	1 6	2 55	2 40	23 27	0 23	6 43	1 42	23 36	9 12	11 18	11 27	23 25	16 49	6 12			
T 6	5 46	26 51	3 58	1 39	0 25	16 20	0 36	14 53	1 56	5 46	1 6	2 53	2 41	23 27	0 23	6 43	1 42	23 36	9 12	11 17	11 28	23 23	16 48	6 13			
F 7	5 23	24 27	3 10	0 45	0 14	16 0	0 39	14 57	1 56	5 52	1 5	2 52	2 41	23 27	0 23	6 42	1 42	23 37	9 12	11 17	11 29	23 21	16 47	6 13			
S 8	4 59	21 1	2 14	0n10	0 3	15 39	0 41	15 0	1 55	5 57	1 5	2 50	2 41	23 27	0 23	6 42	1 42	23 37	9 12	11 16	11 30	23 19	16 46	6 14			
S 9	4 36	16 43	1 12	1 4	0n 9	15 18	0 43	15 4	1 55	6 2	1 5	2 48	2 41	23 27	0 23	6 41	1 42	23 38	9 12	11 16	11 32	23 17	16 45	6 14			
M10	4 13	11 43	0 6	1 57	0 22	14 56	0 46	15 7	1 55	6 7	1 5	2 46	2 41	23 27	0 23	6 41	1 42	23 38	9 12	11 16	11 33	23 14	16 44	6 15			
T 11	3 49	6 13	1s 1	2 50	0 34	14 35	0 48	15 10	1 54	6 13	1 5	2 45	2 41	23 27	0 23	6 40	1 42	23 38	9 12	11 16	11 34	23 12	16 44	6 15			
W12	3 26	0 24	2 6	3 41	0 47	14 12	0 51	15 13	1 54	6 18	1 5	2 43	2 42	23 27	0 23	6 39	1 42	23 39	9 12	11 17	11 35	23 10	16 43	6 16			
T 13	3 2	5s31	3 6	4 30	1 0	13 50	0 53	15 16	1 54	6 23	1 5	2 41	2 42	23 27	0 23	6 39	1 42	23 39	9 12	11 17	11 36	23 8	16 42	6 17			
F 14	2 38	11 18	3 58	5 18	1 13	13 27	0 55	15 18	1 53	6 29	1 5	2 40	2 42	23 27	0 23	6 38	1 42	23 39	9 12	11 19	11 37	23 6	16 41	6 17			
S 15	2 15	16 42	4 38	6 4	1 26	13 3	0 57	15 21	1 53	6 34	1 5	2 38	2 42	23 27	0 23	6 38	1 42	23 40	9 12	11 20	11 38	23 4	16 40	6 18			
S 16	1 51	21 25	5 4	6 47	1 39	12 39	0 59	15 23	1 53	6 39	1 4	2 36	2 42	23 27	0 23	6 37	1 42	23 40	9 12	11 21	11 39	23 2	16 40	6 18			
M17	1 27	25 6	5 14	7 28	1 52	12 15	1 1	15 25	1 52	6 45	1 4	2 34	2 42	23 27	0 23	6 37	1 42	23 40	9 11	11 22	11 40	23 0	16 39	6 19			
T 18	1 3	27 26	5 6	8 6	2 5	11 51	1 3	15 27	1 52	6 50	1 4	2 32	2 42	23 27	0 23	6 36	1 42	23 40	9 11	11 23	11 42	22 58	16 38	6 19			
W19	0 40	28 5	4 41	8 40	2 16	11 26	1 5	15 29	1 51	6 55	1 4	2 31	2 42	23 27	0 23	6 36	1 42	23 41	9 11	11 23	11 43	22 55	16 37	6 20			
T 20	0 16	26 57	3 58	9 12	2 28	11 1	1 7	15 31	1 51	7 1	1 4	2 29	2 43	23 27	0 23	6 35	1 43	23 41	9 11	11 23	11 44	22 53	16 36	6 21			
F 21	0n 8	24 3	3 0	9 39	2 38	10 36	1 9	15 32	1 50	7 6	1 4	2 27	2 43	23 27	0 23	6 34	1 43	23 41	9 11	11 23	11 45	22 51	16 35	6 21			
S 22	0 31	19 37	1 51	10 3	2 48	10 10	1 10	15 34	1 49	7 11	1 4	2 25	2 43	23 27	0 23	6 34	1 43	23 41	9 11	11 22	11 46	22 49	16 35	6 22			
S 23	0 55	14 0	0 34	10 24	2 57	9 44	1 12	15 35	1 49	7 17	1 4	2 23	2 43	23 27	0 23	6 33	1 43	23 42	9 11	11 22	11 47	22 47	16 34	6 22			
M24	1 19	7 37	0n46	10 40	3 4	9 18	1 14	15 36	1 48	7 22	1 4	2 21	2 43	23 27	0 23	6 33	1 43	23 42	9 11	11 22	11 48	22 45	16 33	6 23			
T 25	1 42	0 53	2 1	10 52	3 11	8 51	1 15	15 37	1 47	7 27	1 4	2 20	2 43	23 27	0 23	6 32	1 43	23 42	9 11	11 22	11 49	22 43	16 32	6 24			
W26	2 6	5n48	3 8	11 0	3 16	8 24	1 17	15 38	1 46	7 33	1 4	2 18	2 43	23 27	0 23	6 31	1 43	23 42	9 11	11 24	11 50	22 40	16 31	6 24			
T 27	2 29	12 5	4 3	11 4	3 20	7 57	1 18	15 38	1 46	7 38	1 3	2 16	2 43	23 27	0 23	6 31	1 43	23 42	9 10	11 25	11 52	22 38	16 31	6 25			
F 28	2 53	17 37	4 42	11 3	3 22	7 30	1 19	15 38	1 45	7 43	1 3	2 14	2 43	23 27	0 23	6 30	1 43	23 43	9 10	11 28	11 53	22 36	16 30	6 25			
S 29	3 16	22 10	5 4	10 59	3 23	7 3	1 21	15 39	1 44	7 49	1 3	2 12	2 43	23 27	0 23	6 29	1 43	23 43	9 10	11 30	11 54	22 34	16 29	6 26			
S 30	3 40	25 29	5 10	10 50	3 22	6 35	1 22	15 39	1 43	7 54	1 3	2 10	2 43	23 27	0 23	6 29	1 43	23 43	9 10	11 32	11 55	22 32	16 28	6 27			
M31	4n 3	27n27	5n 1	10n37	3n19	6s 7	1s23	15s39	1n42	7n59	1s 3	2s 8	2n43	23n27	0n23	6s28	1n43	23n43	9n10	11s34	11s56	22n29	16s27	6n27			

# ASTRODIENST EPHEMERIS for the year 1952

## geocentric

APRIL 1952

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 37 11	11°12'43	26°11' 8	18°R44	18°K58	18°R12	23°V18	11°R40	9°S59	20°R36	19°R18	29°R43	28°S38	0°L24	12°S14	T 1
W 2	12 41 7	12°11'54	8°S11	18°Y 7	20°12	18°M 7	23°33	11°S35	10° 0	20°S34	19°L17	29°D41	28°35	0°31	12°15	W 2
T 3	12 45 4	13°11'03	20° 4	17°26	21°25	18° 1	23°47	11°30	10° 1	20°33	19°16	29°S42	28°32	0°38	12°17	T 3
F 4	12 49 0	14°10'09	1°L53	16°42	22°39	17°54	24° 1	11°26	10° 2	20°31	19°16	29°43	28°29	0°44	12°18	F 4
S 5	12 52 57	15° 9'14	13°43	15°56	23°53	17°47	24°16	11°21	10° 3	20°29	19°15	29°44	28°26	0°51	12°19	S 5
S 6	12 56 53	16° 8'15	25°39	15° 8	25° 7	17°38	24°30	11°16	10° 4	20°28	19°14	29°R45	28°23	0°58	12°21	S 6
M 7	13 0 50	17° 7'15	7°M45	14°21	26°21	17°29	24°45	11°12	10° 5	20°26	19°13	29°45	28°19	1° 4	12°22	M 7
T 8	13 4 47	18° 6'12	20° 5	13°34	27°35	17°19	24°59	11° 7	10° 6	20°25	19°13	29°43	28°16	1°11	12°23	T 8
W 9	13 8 43	19° 5'07	2°L41	12°48	28°48	17° 9	25°13	11° 3	10° 7	20°23	19°12	29°38	28°13	1°18	12°24	W 9
T 10	13 12 40	20° 4'01	15°35	12° 5	0°Y 2	16°57	25°28	10°58	10° 8	20°21	19°12	29°32	28°10	1°24	12°25	T 10
F 11	13 16 36	21° 2'52	28°46	11°24	1°16	16°45	25°42	10°53	10° 9	20°20	19°11	29°24	28° 7	1°31	12°26	F 11
S 12	13 20 33	22° 1'41	12°M13	10°48	2°30	16°32	25°57	10°49	10°10	20°18	19°11	29°15	28° 3	1°38	12°26	S 12
S 13	13 24 29	23° 0'28	25°54	10°15	3°44	16°19	26°11	10°44	10°12	20°16	19°10	29° 6	28° 0	1°44	12°27	S 13
M14	13 28 26	23°59'14	9°S45	9°47	4°57	16° 5	26°26	10°40	10°13	20°15	19°10	28°58	27°57	1°51	12°28	M14
T 15	13 32 22	24°57'57	23°45	9°23	6°11	15°50	26°40	10°35	10°15	20°13	19° 9	28°52	27°54	1°58	12°28	T 15
W16	13 36 19	25°56'40	7°S49	9° 5	7°25	15°34	26°54	10°31	10°16	20°11	19° 9	28°49	27°51	2° 4	12°29	W16
T 17	13 40 16	26°55'20	21°55	8°52	8°39	15°18	27° 9	10°27	10°18	20°10	19° 8	28°D47	27°48	2°11	12°29	T 17
F 18	13 44 12	27°53'59	6°S 3	8°44	9°53	15° 1	27°23	10°22	10°19	20° 8	19° 8	28°47	27°44	2°18	12°29	F 18
S 19	13 48 9	28°52'36	20°12	8°D41	11° 6	14°44	27°38	10°18	10°21	20° 7	19° 8	28°48	27°41	2°24	12°29	S 19
S 20	13 52 5	29°51'11	4°K18	8°43	12°20	14°26	27°52	10°14	10°23	20° 5	19° 7	28°R48	27°38	2°31	12°R29	S 20
M21	13 56 2	0°S49'45	18°23	8°50	13°34	14° 7	28° 7	10° 9	10°24	20° 3	19° 7	28°47	27°35	2°38	12°29	M21
T 22	13 59 58	1°48'17	2°Y22	9° 2	14°48	13°48	28°21	10° 5	10°26	20° 2	19° 7	28°43	27°32	2°44	12°29	T 22
W23	14 3 55	2°46'47	16°12	9°19	16° 1	13°28	28°36	10° 1	10°28	20° 0	19° 6	28°36	27°29	2°51	12°29	W23
T 24	14 7 51	3°45'16	29°52	9°41	17°15	13° 8	28°50	9°57	10°30	19°58	19° 6	28°27	27°25	2°57	12°29	T 24
F 25	14 11 48	4°43'42	13°S17	10° 7	18°29	12°48	29° 4	9°53	10°32	19°57	19° 6	28°16	27°22	3° 4	12°28	F 25
S 26	14 15 44	5°42'07	26°24	10°37	19°43	12°27	29°19	9°49	10°34	19°55	19° 6	28° 4	27°19	3°11	12°28	S 26
S 27	14 19 41	6°40'30	9°M14	11°11	20°57	12° 6	29°33	9°45	10°36	19°54	19° 6	27°53	27°16	3°17	12°27	S 27
M28	14 23 38	7°38'51	21°45	11°50	22°10	11°44	29°48	9°41	10°38	19°52	19° 6	27°44	27°13	3°24	12°27	M28
T 29	14 27 34	8°37'10	4°S 1	12°32	23°24	11°23	0°S 2	9°37	10°40	19°51	19° 6	27°36	27° 9	3°31	12°26	T 29
W30	14 31 31	9°S35'27	16°S 3	13°Y17	24°Y38	11°M 1	0°S16	9°S34	10°S42	19°S49	19°L 6	27°S32	27°S 6	3°L37	12°S25	W30

Day	☉	☾	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

ASTRODIENST EPHEMERIS for the year 1952  
geocentric

MAY 1952

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	14 35 27	10♈33'42	27♊56	14♋6	25♌52	10♍R39	0♎31	9♏R30	10♐44	19♑R48	19♒D 6	27♓R29	27♓ 3	3♈44	12♉R24	T 1
F 2	14 39 24	11°31'55	9♎45	14°59	27° 5	10♍17	0°45	9♎26	10°46	19♑46	19♒ 6	27°D28	27° 0	3°51	12♊23	F 2
S 3	14 43 20	12°30'06	21°35	15°54	28°19	9°54	0°59	9°23	10°48	19°45	19° 6	27°R29	26°57	3°57	12°22	S 3
S 4	14 47 17	13°28'15	3♎31	16°53	29°33	9°32	1°13	9°19	10°51	19°43	19° 6	27♓28	26°54	4° 4	12°21	S 4
M 5	14 51 14	14°26'21	15°40	17°55	0♎46	9°10	1°28	9°16	10°53	19°42	19° 6	27°27	26°50	4°11	12°20	M 5
T 6	14 55 10	15°24'26	28° 5	18°59	2° 0	8°48	1°42	9°13	10°55	19°40	19° 6	27°24	26°47	4°17	12°19	T 6
W 7	14 59 7	16°22'29	10♎50	20° 6	3°14	8°26	1°56	9° 9	10°58	19°39	19° 6	27°18	26°44	4°24	12°17	W 7
T 8	15 3 3	17°20'31	23°58	21°16	4°27	8° 4	2°10	9° 6	11° 0	19°37	19° 6	27°10	26°41	4°31	12°16	T 8
F 9	15 7 0	18°18'30	7♎28	22°28	5°41	7°43	2°24	9° 3	11° 3	19°36	19° 6	26°59	26°38	4°37	12°14	F 9
S 10	15 10 56	19°16'28	21°18	23°43	6°55	7°21	2°39	9° 0	11° 5	19°35	19° 7	26°47	26°35	4°44	12°13	S 10
S 11	15 14 53	20°14'24	5♎25	25° 1	8° 8	7° 0	2°53	8°57	11° 8	19°33	19° 7	26°36	26°31	4°51	12°11	S 11
M12	15 18 49	21°12'19	19°43	26°20	9°22	6°39	3° 7	8°54	11°10	19°32	19° 7	26°25	26°28	4°57	12° 9	M12
T 13	15 22 46	22°10'13	4♎7	27°43	10°36	6°19	3°21	8°52	11°13	19°30	19° 8	26°17	26°25	5° 4	12° 8	T 13
W14	15 26 43	23° 8'05	18°31	29° 7	11°49	5°59	3°35	8°49	11°16	19°29	19° 8	26°11	26°22	5°11	12° 6	W14
T 15	15 30 39	24° 5'56	2♎50	0♎34	13° 3	5°40	3°49	8°46	11°18	19°28	19° 8	26° 9	26°19	5°17	12° 4	T 15
F 16	15 34 36	25° 3'46	17° 3	2° 3	14°17	5°20	4° 3	8°44	11°21	19°27	19° 9	26° 8	26°15	5°24	12° 2	F 16
S 17	15 38 32	26° 1'35	1♎7	3°34	15°30	5° 2	4°17	8°41	11°24	19°25	19° 9	26° 8	26°12	5°31	12° 0	S 17
S 18	15 42 29	26°59'22	15° 2	5° 7	16°44	4°44	4°30	8°39	11°27	19°24	19°10	26° 7	26° 9	5°37	11°58	S 18
M19	15 46 25	27°57'09	28°48	6°43	17°58	4°26	4°44	8°37	11°29	19°23	19°10	26° 5	26° 6	5°44	11°55	M19
T 20	15 50 22	28°54'54	12♌24	8°21	19°11	4°10	4°58	8°35	11°32	19°22	19°11	26° 0	26° 3	5°51	11°53	T 20
W21	15 54 18	29°52'38	25°51	10° 1	20°25	3°53	5°12	8°33	11°35	19°21	19°11	25°52	26° 0	5°57	11°51	W21
T 22	15 58 15	0♎50'21	9♎6	11°43	21°39	3°38	5°26	8°31	11°38	19°19	19°12	25°42	25°56	6° 4	11°48	T 22
F 23	16 2 12	1°48'03	22° 9	13°28	22°52	3°23	5°39	8°29	11°41	19°18	19°12	25°30	25°53	6°11	11°46	F 23
S 24	16 6 8	2°45'43	4♎59	15°15	24° 6	3° 9	5°53	8°27	11°44	19°17	19°13	25°17	25°50	6°17	11°43	S 24
S 25	16 10 5	3°43'23	17°35	17° 3	25°20	2°55	6° 6	8°25	11°47	19°16	19°14	25° 4	25°47	6°24	11°41	S 25
M26	16 14 1	4°41'01	29°57	18°54	26°33	2°43	6°20	8°24	11°50	19°15	19°14	24°53	25°44	6°30	11°38	M26
T 27	16 17 58	5°38'38	12♊6	20°48	27°47	2°31	6°33	8°22	11°53	19°14	19°15	24°44	25°41	6°37	11°35	T 27
W28	16 21 54	6°36'13	24° 4	22°43	29° 1	2°20	6°47	8°21	11°56	19°13	19°16	24°38	25°37	6°44	11°32	W28
T 29	16 25 51	7°33'47	5♎55	24°40	0♎14	2°10	7° 0	8°19	11°59	19°12	19°16	24°35	25°34	6°50	11°29	T 29
F 30	16 29 47	8°31'20	17°43	26°40	1°28	2° 0	7°14	8°18	12° 3	19°11	19°17	24°34	25°31	6°57	11°27	F 30
S 31	16 33 44	9♎28'51	29♎32	28♎41	2♎42	1♎51	7♎27	8♎17	12♊6	19♎10	19♎18	24°D33	25♓28	7♎4	11♊24	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	decl	lat
T 1	15n 0	23n 2	2n30	3n 0	2s47	8n41	1s25	14s17	0n46	10n41	1 s 2	1s17	2n42	23n23	0n22	6s 9	1n43	23n43	9n 5	12s21	12s30	21n18	16s 7	6n47		
F 2	15 18	19 18	1 33	3 16	2 52	9 8	1 24	14 13	0 44	10 46	1 2	1 16	2 41	23 23	0 22	6 9	1 43	23 42	9 5	12 21	12 31	21 16	16 6	6 47		
S 3	15 36	14 49	0 31	3 34	2 55	9 36	1 23	14 8	0 41	10 51	1 2	1 15	2 41	23 23	0 22	6 8	1 43	23 42	9 4	12 21	12 32	21 14	16 6	6 48		
S 4	15 53	9 43	0s32	3 53	2 59	10 3	1 21	14 4	0 39	10 56	1 2	1 14	2 41	23 23	0 22	6 8	1 43	23 42	9 4	12 21	12 33	21 11	16 5	6 49		
M 5	16 11	4 12	1 35	4 14	3 1	10 30	1 20	13 59	0 36	11 1	1 2	1 12	2 41	23 22	0 22	6 7	1 43	23 42	9 4	12 22	12 34	21 9	16 5	6 49		
T 6	16 28	1s36	2 35	4 37	3 3	10 56	1 19	13 55	0 33	11 6	1 2	1 11	2 41	23 22	0 22	6 7	1 43	23 42	9 4	12 23	12 35	21 7	16 5	6 50		
W 7	16 44	7 29	3 28	5 1	3 4	11 23	1 18	13 50	0 31	11 11	1 2	1 10	2 41	23 22	0 22	6 6	1 43	23 41	9 4	12 25	12 36	21 4	16 4	6 50		
T 8	17 1	13 12	4 12	5 26	3 5	11 49	1 16	13 46	0 28	11 16	1 2	1 9	2 40	23 22	0 22	6 6	1 43	23 41	9 4	12 28	12 38	21 2	16 4	6 51		
F 9	17 17	18 28	4 44	5 53	3 5	12 15	1 15	13 41	0 25	11 21	1 2	1 8	2 40	23 21	0 22	6 5	1 43	23 41	9 3	12 31	12 39	20 59	16 3	6 51		
S 10	17 33	22 54	4 59	6 22	3 4	12 40	1 14	13 37	0 22	11 25	1 2	1 7	2 40	23 21	0 22	6 5	1 43	23 41	9 3	12 35	12 40	20 57	16 3	6 52		
S 11	17 49	26 5	4 57	6 51	3 3	13 5	1 12	13 33	0 20	11 30	1 2	1 6	2 40	23 21	0 22	6 4	1 43	23 40	9 3	12 39	12 41	20 55	16 2	6 53		
M12	18 4	27 39	4 36	7 22	3 1	13 30	1 11	13 28	0 17	11 35	1 2	1 5	2 40	23 21	0 22	6 4	1 43	23 40	9 3	12 43	12 42	20 52	16 2	6 53		
T 13	18 19	27 21	3 58	7 54	2 58	13 55	1 9	13 24	0 14	11 40	1 2	1 4	2 40	23 21	0 22	6 3	1 42	23 40	9 3	12 46	12 43	20 50	16 2	6 54		
W14	18 34	25 13	3 5	8 26	2 55	14 19	1 7	13 20	0 12	11 44	1 2	1 3	2 39	23 20	0 22	6 3	1 42	23 40	9 2	12 47	12 44	20 47	16 1	6 54		
T 15	18 48	21 29	2 0	9 0	2 51	14 43	1 6	13 16	0 9	11 49	1 2	1 2	2 39	23 20	0 22	6 2	1 42	23 39	9 2	12 48	12 45	20 45	16 1	6 55		
F 16	19 2	16 30	0 48	9 35	2 47	15 7	1 4	13 13	0 6	11 54	1 2	1 2	2 39	23 20	0 22	6 2	1 42	23 39	9 2	12 49	12 46	20 42	16 0	6 55		
S 17	19 16	10 40	0n26	10 10	2 42	15 30	1 2	13 9	0 3	11 58	1 2	1 1	2 39	23 20	0 22	6 1	1 42	23 39	9 2	12 49	12 47	20 40	16 0	6 56		
S 18	19 30	4 23	1 38	10 47	2 36	15 53	1 0	13 5	0 1	12 3	1 2	1 0	2 39	23 19	0 22	6 1	1 42	23 38	9 2	12 49	12 48	20 38	16 0	6 56		
M19	19 43	2n 1	2 43	11 24	2 30	16 15	0 58	13 2	0s 2	12 8	1 2	0 59	2 38	23 19	0 22	6 1	1 42	23 38	9 2	12 50	12 49	20 35	16 0	6 57		
T 20	19 55	8 15	3 38	12 1	2 24	16 37	0 57	12 59	0 4	12 12	1 2	0 59	2 38	23 19	0 22	6 0	1 42	23 38	9 1	12 51	12 50	20 33	15 59	6 57		
W21	20 8	14 2	4 21	12 40	2 17	16 59	0 55	12 56	0 7	12 17	1 2	0 58	2 38	23 19	0 22	6 0	1 42	23 37	9 1	12 54	12 52	20 30	15 59	6 58		
T 22	20 20	19 5	4 48	13 18	2 9	17 20	0 53	12 53	0 10	12 21	1 2	0 58	2 38	23 18	0 22	5 59	1 42	23 37	9 1	12 57	12 53	20 28	15 59	6 58		
F 23	20 32	23 8	5 0	13 57	2 2	17 41	0 51	12 50	0 12	12 26	1 2	0 57	2 38	23 18	0 22	5 59	1 42	23 37	9 1	13 2	12 54	20 25	15 58	6 59		
S 24	20 43	25 59	4 56	14 36	1 53	18 1	0 49	12 48	0 15	12 30	1 2	0 56	2 37	23 18	0 22	5 59	1 42	23 36	9 1	13 6	12 55	20 23	15 58	6 59		
S 25	20 54	27 29	4 38	15 16	1 45	18 21	0 47	12 46	0 17	12 35	1 2	0 56	2 37	23 18	0 22	5 58	1 42	23 36	9 0	13 10	12 56	20 20	15 58	7 0		
M26	21 5	27 34	4 7	15 55	1 35	18 40	0 44	12 44	0 20	12 39	1 2	0 56	2 37	23 17	0 22	5 58	1 42	23 35	9 0	13 14	12 57	20 18	15 58	7 0		
T 27	21 15	26 18	3 25	16 35	1 26	18 59	0 42	12 42	0 22	12 44	1 2	0 55	2 37	23 17	0 22	5 57	1 42	23 35	9 0	13 17	12 58	20 15	15 57	7 1		
W28	21 25	23 50	2 34	17 14	1 16	19 17	0 40	12 41	0 25	12 48	1 2	0 55	2 36	23 17	0 22	5 57	1 42	23 35	9 0	13 19	12 59	20 13	15 57	7 1		
T 29	21 35	20 22	1 37	17 52	1 6	19 35	0 38	12 39	0 27	12 52	1 3	0 55	2 36	23 16	0 22	5 57	1 42	23 34	9 0	13 20	13 0	20 10	15 57	7 1		
F 30	21 44	16 6	0 36	18 31	0 56	19 53	0 36	12 38	0 30	12 57	1 3	0 54	2 36	23 16	0 22	5 56	1 42	23 34	9 0	13 20	13 1	20 8	15 57	7 2		
S 31	21n53	11n14	0s26	19n 8	0s45	20n 9	0s34	12s37	0s32	13n 1	1 s 3	0s54	2n36	23n16	0n22	5s56	1n42	23n33	8n59	13s20	13s 2	20n 5	15s57	7n 2		



ASTRODIENST EPHEMERIS for the year 1952  
geocentric

JUNE 1952

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 37 41	10 <sup>II</sup> 26'21	11 <sup>III</sup> 28	0 <sup>II</sup> 44	3 <sup>II</sup> 55	1°R44	7 <sup>II</sup> 40	8°R16	12 <sup>II</sup> 9	19°R 9	19 <sup>II</sup> 19	24°R34	25 <sup>II</sup> 25	7 <sup>II</sup> 10	11°R21	S 1
M 2	16 41 37	11°23'50	23°36	2°49	5° 9	1 <sup>III</sup> 37	7°53	8 <sup>II</sup> 15	12°12	19 <sup>II</sup> 8	19°20	24 <sup>II</sup> 33	25°21	7°17	11 <sup>III</sup> 17	M 2
T 3	16 45 34	12°21'17	6 <sup>II</sup> 2	4°56	6°23	1°30	8° 6	8°14	12°15	19° 8	19°21	24°31	25°18	7°24	11°14	T 3
W 4	16 49 30	13°18'43	18°50	7° 4	7°36	1°25	8°19	8°14	12°19	19° 7	19°21	24°26	25°15	7°30	11°11	W 4
T 5	16 53 27	14°16'08	2 <sup>III</sup> 3	9°13	8°50	1°20	8°32	8°13	12°22	19° 6	19°22	24°19	25°12	7°37	11° 8	T 5
F 6	16 57 23	15°13'32	15°43	11°24	10° 4	1°17	8°45	8°13	12°25	19° 5	19°23	24°10	25° 9	7°44	11° 5	F 6
S 7	17 1 20	16°10'55	29°48	13°35	11°17	1°14	8°58	8°12	12°29	19° 4	19°24	24° 0	25° 6	7°50	11° 1	S 7
S 8	17 5 16	17° 8'17	14 <sup>II</sup> 714	15°47	12°31	1°12	9°11	8°12	12°32	19° 4	19°25	23°50	25° 2	7°57	10°58	S 8
M 9	17 9 13	18° 5'39	28°55	17°59	13°44	1°10	9°24	8°12	12°35	19° 3	19°26	23°41	24°59	8° 4	10°55	M 9
T 10	17 13 10	19° 2'59	13 <sup>II</sup> 343	20°11	14°58	1°D10	9°36	8°12	12°39	19° 2	19°27	23°34	24°56	8°10	10°51	T 10
W11	17 17 6	20° 0'19	28°30	22°23	16°12	1°10	9°49	8°D12	12°42	19° 2	19°29	23°29	24°53	8°17	10°48	W11
T 12	17 21 3	20°57'38	13 <sup>II</sup> 310	24°34	17°25	1°11	10° 2	8°12	12°46	19° 1	19°30	23°27	24°50	8°24	10°44	T 12
F 13	17 24 59	21°54'57	27°37	26°44	18°39	1°13	10°14	8°12	12°49	19° 1	19°31	23°D27	24°47	8°30	10°41	F 13
S 14	17 28 56	22°52'16	11 <sup>II</sup> 48	28°54	19°53	1°16	10°27	8°12	12°53	19° 0	19°32	23°27	24°43	8°37	10°37	S 14
S 15	17 32 52	23°49'33	25°43	1 <sup>II</sup> 2	21° 6	1°19	10°39	8°13	12°56	19° 0	19°33	23°R28	24°40	8°44	10°34	S 15
M16	17 36 49	24°46'51	9 <sup>II</sup> 22	3° 9	22°20	1°23	10°51	8°13	12°59	18°59	19°34	23°27	24°37	8°50	10°30	M16
T 17	17 40 45	25°44'08	22°45	5°14	23°34	1°28	11° 3	8°14	13° 3	18°59	19°35	23°24	24°34	8°57	10°26	T 17
W18	17 44 42	26°41'26	5 <sup>II</sup> 854	7°18	24°47	1°34	11°15	8°14	13° 6	18°58	19°37	23°18	24°31	9° 3	10°23	W18
T 19	17 48 39	27°38'42	18°50	9°19	26° 1	1°40	11°28	8°15	13°10	18°58	19°38	23°11	24°27	9°10	10°19	T 19
F 20	17 52 35	28°35'59	1 <sup>II</sup> 33	11°19	27°15	1°48	11°39	8°16	13°14	18°58	19°39	23° 2	24°24	9°17	10°15	F 20
S 21	17 56 32	29°33'15	14° 4	13°16	28°29	1°55	11°51	8°17	13°17	18°57	19°41	22°52	24°21	9°23	10°12	S 21
S 22	18 0 28	0 <sup>II</sup> 30'31	26°24	15°12	29°42	2° 4	12° 3	8°18	13°21	18°57	19°42	22°43	24°18	9°30	10° 8	S 22
M23	18 4 25	1°27'47	8 <sup>II</sup> 34	17° 5	0 <sup>II</sup> 56	2°13	12°15	8°19	13°24	18°57	19°43	22°35	24°15	9°37	10° 4	M23
T 24	18 8 21	2°25'02	20°34	18°57	2°10	2°23	12°27	8°21	13°28	18°57	19°45	22°28	24°12	9°43	10° 0	T 24
W25	18 12 18	3°22'17	2 <sup>II</sup> 27	20°46	3°23	2°34	12°38	8°22	13°31	18°56	19°46	22°24	24° 8	9°50	9°56	W25
T 26	18 16 15	4°19'31	14°15	22°33	4°37	2°45	12°50	8°24	13°35	18°56	19°47	22°22	24° 5	9°57	9°53	T 26
F 27	18 20 11	5°16'45	26° 1	24°17	5°51	2°57	13° 1	8°25	13°39	18°56	19°49	22°D21	24° 2	10° 3	9°49	F 27
S 28	18 24 8	6°13'58	7 <sup>II</sup> 50	26° 0	7° 5	3°10	13°12	8°27	13°42	18°56	19°50	22°22	23°59	10°10	9°45	S 28
S 29	18 28 4	7°11'11	19°46	27°40	8°18	3°23	13°23	8°29	13°46	18°56	19°52	22°24	23°56	10°17	9°41	S 29
M30	18 32 1	8°2 8'23	1 <sup>II</sup> 53	29°18	9°32	3 <sup>III</sup> 37	13°34	8°30	13°49	18°D56	19°53	22°25	23°53	10°23	9°37	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 1	5n54	1s29	19n45	0s35	20n26	0s31	12s37	0s34	13n 5	1 s 3	0s54	2n36	23n16	0n22	5s56	1n42	23n33	8n59	13s20	13s 3	20n 3	15s57	7n 3	
M 2	22 9	0 17	2 28	20 21	0 24	20 41	0 29	12 36	0 37	13 9	1 3	0 54	2 35	23 15	0 22	5 56	1 42	23 33	8 59	13 21	13 4	20 0	15 56	7 3	
T 3	22 17	5s29	3 22	20 55	0 13	20 56	0 27	12 36	0 39	13 13	1 3	0 54	2 35	23 15	0 22	5 55	1 42	23 32	8 59	13 21	13 5	19 58	15 56	7 3	
W 4	22 24	11 11	4 7	21 28	0 2	21 11	0 25	12 37	0 41	13 18	1 3	0 54	2 35	23 15	0 22	5 55	1 42	23 32	8 59	13 23	13 7	19 55	15 56	7 4	
T 5	22 31	16 35	4 41	21 59	0n 8	21 25	0 22	12 37	0 43	13 22	1 3	0 54	2 35	23 14	0 22	5 55	1 42	23 31	8 59	13 25	13 8	19 53	15 56	7 4	
F 6	22 38	21 19	5 0	22 28	0 19	21 38	0 20	12 38	0 45	13 26	1 3	0 54	2 34	23 14	0 22	5 55	1 42	23 31	8 58	13 28	13 9	19 50	15 56	7 5	
S 7	22 44	25 1	5 1	22 55	0 29	21 51	0 18	12 39	0 47	13 30	1 3	0 54	2 34	23 14	0 22	5 54	1 42	23 30	8 58	13 31	13 10	19 48	15 56	7 5	
S 8	22 50	27 13	4 44	23 20	0 39	22 3	0 15	12 40	0 49	13 34	1 3	0 54	2 34	23 13	0 22	5 54	1 42	23 30	8 58	13 35	13 11	19 45	15 56	7 5	
M 9	22 55	27 35	4 8	23 43	0 49	22 15	0 13	12 41	0 51	13 38	1 3	0 54	2 34	23 13	0 22	5 54	1 41	23 29	8 58	13 38	13 12	19 42	15 56	7 6	
T 10	23 0	25 59	3 15	24 3	0 58	22 26	0 10	12 43	0 53	13 42	1 3	0 54	2 33	23 13	0 22	5 54	1 41	23 29	8 58	13 40	13 13	19 40	15 56	7 6	
W11	23 4	22 34	2 9	24 20	1 7	22 36	0 8	12 45	0 55	13 46	1 3	0 54	2 33	23 12	0 22	5 53	1 41	23 28	8 58	13 42	13 14	19 37	15 56	7 6	
T 12	23 8	17 45	0 55	24 35	1 15	22 46	0 6	12 47	0 57	13 50	1 3	0 54	2 33	23 12	0 22	5 53	1 41	23 28	8 58	13 42	13 15	19 35	15 56	7 6	
F 13	23 12	11 57	0n22	24 46	1 22	22 54	0 3	12 49	0 59	13 53	1 3	0 55	2 33	23 12	0 22	5 53	1 41	23 27	8 57	13 43	13 16	19 32	15 56	7 7	
S 14	23 15	5 39	1 37	24 55	1 29	23 3	0 1	12 52	1 1	13 57	1 3	0 55	2 32	23 11	0 22	5 53	1 41	23 27	8 57	13 42	13 17	19 30	15 56	7 7	
S 15	23 18	0n48	2 44	25 2	1 35	23 10	0n 2	12 55	1 2	14 1	1 4	0 56	2 32	23 11	0 22	5 53	1 41	23 26	8 57	13 42	13 18	19 27	15 56	7 7	
M16	23 21	7 5	3 40	25 5	1 40	23 17	0 4	12 58	1 4	14 5	1 4	0 56	2 32	23 11	0 22	5 53	1 41	23 26	8 57	13 43	13 19	19 25	15 56	7 8	
T 17	23 23	12 55	4 23	25 6	1 45	23 24	0 6	13 1	1 6	14 8	1 4	0 56	2 32	23 10	0 22	5 53	1 41	23 25	8 57	13 44	13 20	19 22	15 56	7 8	
W18	23 24	18 4	4 52	25 4	1 49	23 29	0 9	13 5	1 8	14 12	1 4	0 57	2 32	23 10	0 22	5 52	1 41	23 25	8 57	13 45	13 21	19 19	15 56	7 8	
T 19	23 26	22 18	5 5	24 59	1 52	23 34	0 11	13 8	1 9	14 16	1 4	0 57	2 31	23 10	0 22	5 52	1 41	23 24	8 57	13 48	13 22	19 17	15 56	7 8	
F 20	23 26	25 24	5 2	24 52	1 55	23 38	0 13	13 12	1 11	14 19	1 4	0 58	2 31	23 9	0 22	5 52	1 41	23 24	8 56	13 51	13 23	19 14	15 56	7 8	
S 21	23 27	27 13	4 45	24 43	1 56	23 42	0 16	13 17	1 12	14 23	1 4	0 59	2 31	23 9	0 22	5 52	1 41	23 23	8 56	13 54	13 25	19 12	15 56	7 9	
S 22	23 27	27 39	4 15	24 31	1 57	23 45	0 18	13 21	1 14	14 26	1 4	0 59	2 31	23 9	0 22	5 52	1 41	23 23	8 56	13 57	13 26	19 9	15 56	7 9	
M23	23 26	26 43	3 33	24 18	1 57	23 47	0 20	13 26	1 15	14 30	1 4	1 0	2 30	23 8	0 22	5 52	1 41	23 22	8 56	14 0	13 27	19 6	15 56	7 9	
T 24	23 26	24 33	2 43	24 2	1 57	23 48	0 23	13 30	1 17	14 33	1 4	1 1	2 30	23 8	0 22	5 52	1 41	23 22	8 56	14 2	13 28	19 4	15 56	7 9	
W25	23 24	21 20	1 45	23 45	1 56	23 49	0 25	13 35	1 18	14 37	1 4	1 1	2 30	23 8	0 22	5 52	1 41	23 21	8 56	14 3	13 29	19 1	15 56	7 9	
T 26	23 23	17 16	0 44	23 26	1 54	23 49	0 27	13 41	1 20	14 40	1 4	1 2	2 30	23 7	0 22	5 52	1 41	23 20	8 56	14 4	13 30	18 59	15 57	7 9	
F 27	23 21	12 32	0s20	23 6	1 51	23 49	0 29	13 46	1 21	14 43	1 5	1 3	2 29	23 7	0 22	5 52	1 41	23 20	8 56	14 4	13 31	18 56	15 57	7 9	
S 28	23 18	7 21	1 23	22 44	1 48	23 47	0 32	13 52	1 22	14 47	1 5	1 4	2 29	23 7	0 22	5 52	1 41	23 19	8 56	14 4	13 32	18 53	15 57	7 10	
S 29	23 15	1 52	2 23	22 20	1 44	23 45	0 34	13 57	1 24	14 50	1 5	1 5	2 29	23 6	0 22	5 52	1 41	23 19	8 55	14 3	13 33	18 51	15 57	7 10	
M30	23n12	3s46	3s18	21n56	1n40	23n42	0n36	14s 3	1s25	14n53	1 s 5	1 s 6	2n29	23n 6	0n22	5s52	1n40	23n18	8n55	14 s 3	13s34	18n48	15s57	7n10	

ASTRODIENST EPHEMERIS for the year 1952  
geocentric

JULY 1952

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	18 35 57	9 <sup>55</sup> 5'35	14 <sup>18</sup> 18	0 <sup>54</sup> 54	10 <sup>46</sup> 46	3 <sup>52</sup> 52	13 <sup>45</sup> 45	8 <sup>32</sup> 32	13 <sup>53</sup> 53	18 <sup>56</sup> 56	19 <sup>55</sup> 55	22 <sup>25</sup> 25	23 <sup>49</sup> 49	10 <sup>30</sup> 30	9 <sup>34</sup> 34	T 1
W 2	18 39 54	10° 2'47	27° 4	2°27	12° 0	4° 7	13°56	8°35	13°57	18°56	19°56	22 <sup>23</sup> 23	23°46	10°37	9 <sup>30</sup> 30	W 2
T 3	18 43 50	10°59'58	10 <sup>18</sup> 18	3°59	13°13	4°22	14° 7	8°37	14° 0	18°56	19°58	22°20	23°43	10°43	9°26	T 3
F 4	18 47 47	11°57'09	23°55	5°27	14°27	4°39	14°18	8°39	14° 4	18°56	19°59	22°16	23°40	10°50	9°22	F 4
S 5	18 51 44	12°54'20	8 <sup>17</sup> 2	6°54	15°41	4°56	14°28	8°41	14° 8	18°56	20° 1	22°10	23°37	10°57	9°18	S 5
S 6	18 55 40	13°51'31	22°34	8°18	16°55	5°13	14°39	8°44	14°11	18°56	20° 2	22° 4	23°33	11° 3	9°14	S 6
M 7	18 59 37	14°48'42	7 <sup>3</sup> 27	9°40	18° 8	5°31	14°49	8°46	14°15	18°57	20° 4	21°59	23°30	11°10	9°11	M 7
T 8	19 3 33	15°45'53	22°30	11° 0	19°22	5°49	15° 0	8°49	14°18	18°57	20° 5	21°55	23°27	11°16	9° 7	T 8
W 9	19 7 30	16°43'04	7 <sup>36</sup> 36	12°17	20°36	6° 8	15°10	8°52	14°22	18°57	20° 7	21°53	23°24	11°23	9° 3	W 9
T 10	19 11 26	17°40'15	22°36	13°32	21°50	6°28	15°20	8°55	14°26	18°57	20° 9	21°D52	23°21	11°30	8°59	T 10
F 11	19 15 23	18°37'26	7 <sup>41</sup> 21	14°44	23° 4	6°48	15°30	8°57	14°29	18°58	20°10	21°53	23°18	11°36	8°56	F 11
S 12	19 19 19	19°34'38	21°47	15°53	24°17	7° 8	15°40	9° 0	14°33	18°58	20°12	21°54	23°14	11°43	8°52	S 12
S 13	19 23 16	20°31'50	5 <sup>17</sup> 51	17° 0	25°31	7°29	15°49	9° 4	14°37	18°58	20°14	21°56	23°11	11°50	8°48	S 13
M14	19 27 13	21°29'03	19°33	18° 4	26°45	7°50	15°59	9° 7	14°40	18°59	20°15	21°R56	23° 8	11°56	8°44	M14
T 15	19 31 9	22°26'17	2 <sup>8</sup> 53	19° 5	27°59	8°12	16° 8	9°10	14°44	18°59	20°17	21°56	23° 5	12° 3	8°41	T 15
W16	19 35 6	23°23'31	15°54	20° 3	29°13	8°35	16°18	9°13	14°47	19° 0	20°19	21°54	23° 2	12°10	8°37	W16
T 17	19 39 2	24°20'46	28°37	20°58	0 <sup>27</sup> 27	8°57	16°27	9°17	14°51	19° 0	20°20	21°51	22°59	12°16	8°33	T 17
F 18	19 42 59	25°18'02	11 <sup>11</sup> 6	21°50	1°40	9°21	16°36	9°20	14°55	19° 1	20°22	21°47	22°55	12°23	8°30	F 18
S 19	19 46 55	26°15'18	23°23	22°39	2°54	9°44	16°45	9°24	14°58	19° 1	20°24	21°43	22°52	12°30	8°26	S 19
S 20	19 50 52	27°12'35	5 <sup>30</sup> 30	23°24	4° 8	10° 8	16°54	9°28	15° 2	19° 2	20°26	21°39	22°49	12°36	8°23	S 20
M21	19 54 48	28° 9'52	17°28	24° 5	5°22	10°33	17° 3	9°31	15° 5	19° 3	20°27	21°36	22°46	12°43	8°19	M21
T 22	19 58 45	29° 7'10	29°21	24°43	6°36	10°58	17°11	9°35	15° 9	19° 3	20°29	21°33	22°43	12°50	8°16	T 22
W23	20 2 42	0 <sup>4</sup> 429	11 <sup>18</sup> 9	25°17	7°50	11°23	17°20	9°39	15°13	19° 4	20°31	21°32	22°39	12°56	8°13	W23
T 24	20 6 38	1° 1'48	22°56	25°47	9° 4	11°49	17°28	9°43	15°16	19° 5	20°33	21°D31	22°36	13° 3	8° 9	T 24
F 25	20 10 35	1°59'07	4 <sup>19</sup> 43	26°12	10°18	12°15	17°36	9°47	15°20	19° 6	20°34	21°32	22°33	13°10	8° 6	F 25
S 26	20 14 31	2°56'27	16°34	26°33	11°31	12°41	17°45	9°51	15°23	19° 6	20°36	21°33	22°30	13°16	8° 3	S 26
S 27	20 18 28	3°53'48	28°33	26°50	12°45	13° 8	17°52	9°56	15°27	19° 7	20°38	21°34	22°27	13°23	7°59	S 27
M28	20 22 24	4°51'09	10 <sup>18</sup> 42	27° 1	13°59	13°35	18° 0	10° 0	15°30	19° 8	20°40	21°36	22°24	13°29	7°56	M28
T 29	20 26 21	5°48'31	23° 7	27° 8	15°13	14° 3	18° 8	10° 4	15°34	19° 9	20°42	21°37	22°20	13°36	7°53	T 29
W30	20 30 17	6°45'53	5 <sup>18</sup> 51	27°R10	16°27	14°31	18°15	10° 9	15°37	19°10	20°43	21°R37	22°17	13°43	7°50	W30
T 31	20 34 14	7 <sup>18</sup> 43'16	18 <sup>18</sup> 58	27 <sup>18</sup> 7	17 <sup>18</sup> 41	14 <sup>18</sup> 59	18 <sup>18</sup> 23	10 <sup>18</sup> 13	15 <sup>18</sup> 40	19 <sup>18</sup> 11	20 <sup>18</sup> 45	21 <sup>18</sup> 37	22 <sup>18</sup> 14	13 <sup>18</sup> 49	7 <sup>18</sup> 47	T 31

Day	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	23n 8	9s24 4s 5	21n31 1n35	23n39 0n38	14s 9 1s26	14n56 1s 5	1s 7 2n28	23n 6 0n22	5s52 1n40	23n18 8n55	14s 3 13s35	18n45 15s57	7n10		
W 2	23 4	14 47 4 41	21 4 1 29	23 35 0 40	14 16 1 27	15 0 1 5	1 8 2 28	23 5 0 22	5 52 1 40	23 17 8 55	14 3 13 36	18 43 15 58	7 10		
T 3	22 59	19 42 5 4	20 37 1 23	23 30 0 42	14 22 1 28	15 3 1 5	1 9 2 28	23 5 0 22	5 52 1 40	23 16 8 55	14 4 13 37	18 40 15 58	7 10		
F 4	22 55	23 46 5 10	20 9 1 17	23 24 0 44	14 29 1 30	15 6 1 5	1 10 2 28	23 4 0 22	5 52 1 40	23 16 8 55	14 6 13 38	18 37 15 58	7 10		
S 5	22 49	26 34 4 59	19 40 1 9	23 18 0 46	14 35 1 31	15 9 1 5	1 11 2 27	23 4 0 22	5 52 1 40	23 15 8 55	14 8 13 39	18 35 15 58	7 10		
S 6	22 44	27 42 4 28	19 11 1 2	23 11 0 48	14 42 1 32	15 12 1 5	1 12 2 27	23 4 0 22	5 53 1 40	23 15 8 55	14 9 13 40	18 32 15 59	7 10		
M 7	22 37	26 52 3 39	18 42 0 53	23 3 0 50	14 49 1 33	15 15 1 6	1 14 2 27	23 3 0 22	5 53 1 40	23 14 8 55	14 11 13 41	18 29 15 59	7 10		
T 8	22 31	24 5 2 33	18 12 0 45	22 55 0 52	14 57 1 34	15 18 1 6	1 15 2 27	23 3 0 22	5 53 1 40	23 13 8 55	14 12 13 42	18 27 15 59	7 10		
W 9	22 24	19 37 1 17	17 41 0 36	22 46 0 54	15 4 1 35	15 20 1 6	1 16 2 26	23 2 0 22	5 53 1 40	23 13 8 55	14 13 13 43	18 24 15 59	7 10		
T 10	22 17	13 55 0n 4	17 11 0 26	22 36 0 56	15 11 1 36	15 23 1 6	1 18 2 26	23 2 0 22	5 53 1 40	23 12 8 55	14 13 13 44	18 21 16 0	7 10		
F 11	22 9	7 31 1 24	16 41 0 16	22 26 0 58	15 19 1 37	15 26 1 6	1 19 2 26	23 2 0 22	5 53 1 40	23 12 8 55	14 13 13 46	18 19 16 0	7 10		
S 12	22 1	0 52 2 36	16 10 0 6	22 15 1 0	15 26 1 38	15 29 1 6	1 20 2 26	23 1 0 22	5 53 1 40	23 11 8 54	14 13 13 47	18 16 16 0	7 10		
S 13	21 53	5n40 3 38	15 40 0s 5	22 3 1 1	15 34 1 39	15 31 1 6	1 22 2 26	23 1 0 22	5 54 1 40	23 11 8 54	14 12 13 48	18 13 16 0	7 10		
M14	21 44	11 44 4 25	15 10 0 16	21 51 1 3	15 42 1 40	15 34 1 6	1 23 2 25	23 1 0 22	5 54 1 40	23 10 8 54	14 12 13 49	18 11 16 1	7 10		
T 15	21 35	17 7 4 56	14 40 0 28	21 38 1 5	15 50 1 40	15 37 1 7	1 25 2 25	23 0 0 22	5 54 1 40	23 9 8 54	14 12 13 50	18 8 16 1	7 10		
W16	21 25	21 34 5 12	14 11 0 40	21 24 1 6	15 58 1 41	15 39 1 7	1 26 2 25	23 0 0 22	5 54 1 40	23 9 8 54	14 13 13 51	18 5 16 1	7 9		
T 17	21 15	24 55 5 11	13 42 0 52	21 10 1 8	16 6 1 42	15 42 1 7	1 28 2 25	22 59 0 22	5 55 1 40	23 8 8 54	14 14 13 52	18 3 16 2	7 9		
F 18	21 5	27 0 4 56	13 13 1 4	20 55 1 9	16 14 1 43	15 44 1 7	1 29 2 24	22 59 0 22	5 55 1 40	23 8 8 54	14 15 13 53	18 0 16 2	7 9		
S 19	20 54	27 44 4 27	12 46 1 17	20 40 1 11	16 22 1 44	15 47 1 7	1 31 2 24	22 59 0 22	5 55 1 39	23 7 8 54	14 16 13 54	17 57 16 2	7 9		
S 20	20 43	27 7 3 47	12 19 1 29	20 24 1 12	16 31 1 44	15 49 1 7	1 33 2 24	22 58 0 22	5 55 1 39	23 6 8 54	14 18 13 55	17 54 16 3	7 9		
M21	20 32	25 14 2 57	11 53 1 42	20 7 1 13	16 39 1 45	15 51 1 7	1 34 2 24	22 58 0 22	5 56 1 39	23 6 8 54	14 19 13 56	17 52 16 3	7 9		
T 22	20 20	22 14 1 59	11 28 1 56	19 50 1 15	16 48 1 46	15 54 1 7	1 36 2 24	22 57 0 22	5 56 1 39	23 5 8 54	14 19 13 57	17 49 16 4	7 9		
W23	20 8	18 21 0 57	11 5 2 9	19 32 1 16	16 56 1 47	15 56 1 8	1 38 2 23	22 57 0 22	5 56 1 39	23 5 8 54	14 20 13 58	17 46 16 4	7 8		
T 24	19 56	13 45 0s 8	10 42 2 22	19 14 1 17	17 5 1 47	15 58 1 8	1 39 2 23	22 57 0 22	5 57 1 39	23 4 8 54	14 20 13 59	17 44 16 4	7 8		
F 25	19 43	8 40 1 12	10 21 2 35	18 55 1 18	17 14 1 48	16 0 1 8	1 41 2 23	22 56 0 22	5 57 1 39	23 3 8 54	14 20 14 0	17 41 16 5	7 8		
S 26	19 30	3 15 2 14	10 1 2 49	18 36 1 19	17 22 1 49	16 2 1 8	1 43 2 23	22 56 0 22	5 57 1 39	23 3 8 54	14 20 14 1	17 38 16 5	7 8		
S 27	19 17	2s20 3 11	9 44 3 2	18 16 1 20	17 31 1 49	16 4 1 8	1 45 2 23	22 56 0 22	5 58 1 39	23 2 8 54	14 19 14 2	17 35 16 6	7 8		
M28	19 4	7 55 4 0	9 28 3 15	17 56 1 21	17 40 1 50	16 6 1 8	1 47 2 22	22 55 0 23	5 58 1 39	23 1 8 54	14 19 14 3	17 33 16 6	7 7		
T 29	18 50	13 18 4 39	9 13 3 27	17 35 1 22	17 49 1 50	16 8 1 8	1 49 2 22	22 55 0 23	5 58 1 39	23 1 8 54	14 18 14 4	17 30 16 6	7 7		
W30	18 35	18 16 5 5	9 1 3 39	17 14 1 23	17 58 1 51	16 10 1 9	1 51 2 22	22 54 0 23	5 59 1 39	23 0 8 54	14 18 14 5	17 27 16 7	7 7		
T 31	18n21	22s32 5s17	8n51 3s51	16n52 1n24	18s 7 1s51	16n12 1s 9	1s53 2n22	22n54 0n23	5s59 1n39	23n 0 8n54	14s18 14s 6	17n24 16s 7	7n 7		

Julian Day Number = 243



ASTRODIENST EPHEMERIS for the year 1952  
geocentric

AUGUST 1952

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	20 38 11	8♌40'39	2♊30	26°R58	18♌55	15♍28	18♎30	10♏18	15♐44	19♑12	20♒47	21°R36	22♓11	13♈56	7°R44	F 1
S 2	20 42 7	9°38'03	16°30	26♌44	20° 9	15°57	18°37	10°23	15°47	19°13	20°49	21♓35	22° 8	14° 3	7♉41	S 2
S 3	20 46 4	10°35'27	0♈56	26°26	21°23	16°26	18°44	10°28	15°51	19°14	20°51	21°33	22° 5	14° 9	7°38	S 3
M 4	20 50 0	11°32'53	15°45	26° 2	22°37	16°56	18°51	10°32	15°54	19°15	20°53	21°32	22° 1	14°16	7°35	M 4
T 5	20 53 57	12°30'19	0♈50	25°33	23°51	17°25	18°57	10°37	15°57	19°16	20°55	21°31	21°58	14°23	7°32	T 5
W 6	20 57 53	13°27'46	16° 2	25° 0	25° 4	17°56	19° 4	10°42	16° 1	19°17	20°56	21°D31	21°55	14°29	7°30	W 6
T 7	21 1 50	14°25'14	1♈13	24°22	26°18	18°26	19°10	10°47	16° 4	19°18	20°58	21°31	21°52	14°36	7°27	T 7
F 8	21 5 46	15°22'43	16°12	23°41	27°32	18°57	19°16	10°52	16° 7	19°20	21° 0	21°31	21°49	14°43	7°24	F 8
S 9	21 9 43	16°20'13	0♏52	22°57	28°46	19°28	19°22	10°58	16°11	19°21	21° 2	21°32	21°45	14°49	7°22	S 9
S 10	21 13 40	17°17'45	15° 9	22°10	0♏0	19°59	19°28	11° 3	16°14	19°22	21° 4	21°32	21°42	14°56	7°19	S 10
M 11	21 17 36	18°15'18	29° 0	21°21	1°14	20°31	19°34	11° 8	16°17	19°23	21° 6	21°33	21°39	15° 2	7°17	M 11
T 12	21 21 33	19°12'52	12♈25	20°32	2°28	21° 3	19°39	11°14	16°20	19°25	21° 8	21°33	21°36	15° 9	7°14	T 12
W 13	21 25 29	20°10'29	25°26	19°43	3°42	21°35	19°45	11°19	16°23	19°26	21°10	21°R33	21°33	15°16	7°12	W 13
T 14	21 29 26	21° 8'06	8♏11	18°55	4°56	22° 7	19°50	11°25	16°27	19°27	21°11	21°D33	21°30	15°22	7°10	T 14
F 15	21 33 22	22° 5'45	20°27	18° 9	6°10	22°40	19°55	11°30	16°30	19°29	21°13	21°33	21°26	15°29	7° 8	F 15
S 16	21 37 19	23° 3'26	2♏35	17°26	7°24	23°13	20° 0	11°36	16°33	19°30	21°15	21°33	21°23	15°36	7° 6	S 16
S 17	21 41 15	24° 1'08	14°33	16°47	8°38	23°46	20° 4	11°41	16°36	19°31	21°17	21°33	21°20	15°42	7° 4	S 17
M 18	21 45 12	24°58'51	26°24	16°12	9°52	24°20	20° 9	11°47	16°39	19°33	21°19	21°33	21°17	15°49	7° 2	M 18
T 19	21 49 9	25°56'36	8♏12	15°43	11° 6	24°54	20°13	11°53	16°42	19°34	21°21	21°34	21°14	15°56	7° 0	T 19
W 20	21 53 5	26°54'23	19°59	15°20	12°20	25°28	20°17	11°59	16°45	19°36	21°23	21°R34	21°10	16° 2	6°58	W 20
T 21	21 57 2	27°52'11	1♏47	15° 4	13°33	26° 2	20°21	12° 5	16°48	19°37	21°25	21°34	21° 7	16° 9	6°56	T 21
F 22	22 0 58	28°50'00	13°40	14°55	14°47	26°36	20°25	12°11	16°51	19°39	21°27	21°33	21° 4	16°16	6°55	F 22
S 23	22 4 55	29°47'50	25°38	14°D54	16° 1	27°11	20°28	12°17	16°54	19°40	21°28	21°33	21° 1	16°22	6°53	S 23
S 24	22 8 51	0♏45'42	7♏45	15° 0	17°15	27°46	20°32	12°23	16°57	19°42	21°30	21°31	20°58	16°29	6°51	S 24
M 25	22 12 48	1°43'35	20° 2	15°14	18°29	28°21	20°35	12°29	16°59	19°44	21°32	21°30	20°55	16°36	6°50	M 25
T 26	22 16 44	2°41'30	2♏32	15°36	19°43	28°56	20°38	12°35	17° 2	19°45	21°34	21°29	20°51	16°42	6°49	T 26
W 27	22 20 41	3°39'25	15°19	16° 6	20°57	29°32	20°41	12°41	17° 5	19°47	21°36	21°28	20°48	16°49	6°47	W 27
T 28	22 24 38	4°37'23	28°24	16°44	22°11	0♏8	20°43	12°48	17° 8	19°49	21°38	21°D27	20°45	16°55	6°46	T 28
F 29	22 28 34	5°35'21	11♏51	17°29	23°25	0°44	20°46	12°54	17°10	19°50	21°40	21°27	20°42	17° 2	6°45	F 29
S 30	22 32 31	6°33'21	25°40	18°22	24°39	1°20	20°48	13° 0	17°13	19°52	21°41	21°28	20°39	17° 9	6°44	S 30
S 31	22 36 27	7♏31'22	9♏52	19♏23	25♏53	1♏56	20♏50	13♏7	17♏16	19♏54	21♏43	21♏29	20♏36	17♏15	6♏43	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
F 1	18n 6	25s45	5s11	8n44	4s 2	16n30	1n24	18s16	1s52	16n14	1s 9	1s55	2n22	22n54	0n23	6s 0	1n39	22n59	8n54	14s19	14s 7	17n22	16s 8	7n 6											
S 2	17 51	27 32	4 48	8 39	4 12	16 7	1 25	18 25	1 53	16 16	1 9	1 57	2 21	22 53	0 23	6 0	1 39	22 59	8 54	14 19	14 8	17 19	16 8	7 6											
S 3	17 35	27 32	4 5	8 36	4 22	15 44	1 25	18 34	1 53	16 18	1 9	1 59	2 21	22 53	0 23	6 0	1 39	22 58	8 54	14 19	14 9	17 16	16 9	7 6											
M 4	17 20	25 36	3 6	8 36	4 30	15 20	1 26	18 43	1 53	16 19	1 9	2 1	2 21	22 52	0 23	6 1	1 39	22 57	8 54	14 20	14 10	17 13	16 9	7 5											
T 5	17 3	21 48	1 52	8 39	4 38	14 56	1 26	18 52	1 54	16 21	1 10	2 3	2 21	22 52	0 23	6 1	1 39	22 57	8 54	14 20	14 11	17 11	16 10	7 5											
W 6	16 47	16 31	0 30	8 44	4 44	14 32	1 27	19 1	1 54	16 23	1 10	2 5	2 21	22 52	0 23	6 2	1 39	22 56	8 54	14 20	14 12	17 8	16 10	7 5											
T 7	16 31	10 13	0n54	8 52	4 48	14 7	1 27	19 10	1 55	16 24	1 10	2 7	2 20	22 51	0 23	6 2	1 39	22 56	8 54	14 20	14 13	17 5	16 10	7 4											
F 8	16 14	3 24	2 13	9 3	4 51	13 42	1 27	19 19	1 55	16 26	1 10	2 9	2 20	22 51	0 23	6 3	1 39	22 55	8 54	14 20	14 15	17 2	16 11	7 4											
S 9	15 57	3n26	3 22	9 16	4 52	13 16	1 27	19 27	1 56	16 27	1 10	2 11	2 20	22 51	0 23	6 3	1 38	22 54	8 54	14 20	14 16	16 59	16 11	7 4											
S 10	15 39	9 54	4 16	9 31	4 52	12 50	1 28	19 36	1 56	16 28	1 10	2 14	2 20	22 50	0 23	6 4	1 38	22 54	8 54	14 20	14 17	16 57	16 12	7 3											
M 11	15 22	15 42	4 54	9 49	4 50	12 24	1 28	19 45	1 56	16 30	1 11	2 16	2 20	22 50	0 23	6 4	1 38	22 53	8 54	14 20	14 18	16 54	16 12	7 3											
T 12	15 4	20 33	5 14	10 8	4 45	11 58	1 28	19 54	1 57	16 31	1 11	2 18	2 20	22 49	0 23	6 5	1 38	22 53	8 55	14 20	14 19	16 51	16 13	7 3											
W 13	14 46	24 15	5 17	10 29	4 39	11 31	1 27	20 3	1 57	16 32	1 11	2 20	2 19	22 49	0 23	6 5	1 38	22 52	8 55	14 20	14 20	16 48	16 13	7 2											
T 14	14 28	26 40	5 5	10 51	4 31	11 4	1 27	20 12	1 57	16 34	1 11	2 23	2 19	22 49	0 23	6 6	1 38	22 52	8 55	14 20	14 21	16 45	16 14	7 2											
F 15	14 9	27 44	4 38	11 14	4 22	10 36	1 27	20 21	1 58	16 35	1 11	2 25	2 19	22 48	0 23	6 6	1 38	22 51	8 55	14 20	14 22	16 43	16 14	7 2											
S 16	13 50	27 25	4 0	11 38	4 11	10 8	1 27	20 29	1 58	16 36	1 11	2 27	2 19	22 48	0 23	6 7	1 38	22 50	8 55	14 20	14 23	16 40	16 15	7 1											
S 17	13 31	25 50	3 12	12 2	3 58	9 40	1 26	20 38	1 58	16 37	1 11	2 30	2 19	22 48	0 23	6 8	1 38	22 50	8 55	14 19	14 24	16 37	16 15	7 1											
M 18	13 12	23 6	2 15	12 25	3 44	9 12	1 26	20 47	1 59	16 38	1 12	2 32	2 19	22 47	0 23	6 8	1 38	22 49	8 55	14 19	14 25	16 34	16 16	7 0											
T 19	12 53	19 24	1 14	12 48	3 28	8 44	1 25	20 55	1 59	16 39	1 12	2 34	2 19	22 47	0 23	6 9	1 38	22 49	8 55	14 19	14 26	16 31	16 16	7 0											
W 20	12 33	14 58	0 9	13 11	3 12	8 15	1 25	21 4	1 59	16 40	1 12	2 37	2 18	22 47	0 23	6 9	1 38	22 48	8 55	14 19	14 27	16 29	16 17	6 59											
T 21	12 13	9 58	0s56	13 32	2 55	7 46	1 24	21 12	1 59	16 41	1 12	2 39	2 18	22 46	0 23	6 10	1 38	22 48	8 55	14 19	14 28	16 26	16 17	6 59											
F 22	11 53	4 35	2 0	13 51	2 38	7 17	1 24	21 20	1 59	16 42	1 12	2 42	2 18	22 46	0 23	6 11	1 38	22 47	8 55	14 19	14 29	16 23	16 18	6 59											
S 23	11 33	0s59	2 58	14 9	2 20	6 47	1 23	21 29	2 0	16 42	1 13	2 44	2 18	22 46	0 23	6 11	1 38	22 47	8 55	14 20	14 30	16 20	16 18	6 58											
S 24	11 12	6 35	3 49	14 24	2 2	6 18	1 22	21 37	2 0	16 43	1 13	2 47	2 18	22 45	0 23	6 12	1 38	22 46	8 56	14 20	14 31	16 17	16 19	6 58											
M 25	10 52	12 0	4 30	14 37	1 43	5 48	1 21	21 45	2 0	16 44	1 13	2 49	2 18	22 45	0 23	6 13	1 38	22 46	8 56	14 21	14 32	16 14	16 20	6 57											
T 26	10 31	17 3	5 0	14 48	1 25	5 18	1 20	21 53	2 0	16 44	1 13	2 52	2 18	22 45	0 23	6 13	1 38	22 45	8 56	14 21	14 33	16 12	16 20	6 57											
W 27	10 10	21 27	5 15	14 56	1 8	4 48	1 19	22 1	2 0	16 45	1 13	2 54	2 17	22 44	0 23	6 14	1 38	22 45	8 56	14 21	14 34	16 9	16 21	6 56											
T 28	9 49	24 55	5 14	15 1	0 51	4 18	1 18	22 9	2 0	16 46	1 13	2 57	2 17	22 44	0 23	6 14	1 38	22 44	8 56	14 21	14 35	16 6	16 21	6 56											
F 29	9 28	27 7	4 57	15 4	0 34	3 47	1 17	22 17	2 1	16 46	1 14	2 59	2 17	22 44	0 23	6 15	1 38	22 44	8 56	14 21	14 36	16 3	16 22	6 55											
S 30	9 7	27 45	4 22	15 3	0 18	3 17	1 16	22 24	2 1	16 46	1 14	3 2	2 17	22 43	0 23	6 16	1 38	22 43	8 56	14 21	14 37	16 0	16 22	6 55											
S 31	8n45	26s35	3s31	14n58	0s 3	2n46	1n14	22s32	2s 1	16n47	1s14	3s 5	2n17	22n43	0n23	6s17	1n38	22n43	8n56	14s21	14s38	15n57	16s23	6n54											

ASTRODIENST EPHEMERIS for the year 1952  
geocentric

SEPTEMBER 1952

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 40 24	8 <sup>h</sup> 29'25"	24 <sup>h</sup> 32'26"	20 <sup>h</sup> 30'30"	27 <sup>h</sup> 07'07"	2 <sup>h</sup> 33'33"	20 <sup>h</sup> 52'52"	13 <sup>h</sup> 13'13"	17 <sup>h</sup> 21'18"	19 <sup>h</sup> 55'56"	21 <sup>h</sup> 04'45"	21 <sup>h</sup> 33'30"	20 <sup>h</sup> 32'32"	17 <sup>h</sup> 02'22"	6 <sup>h</sup> 42'42"	M 1
T 2	22 44 20	9 <sup>h</sup> 27'29"	9 <sup>h</sup> 31'17"	21 <sup>h</sup> 43'28"	28 <sup>h</sup> 21'31"	3 <sup>h</sup> 10'10"	20 <sup>h</sup> 53'13"	13 <sup>h</sup> 20'17"	17 <sup>h</sup> 21'19"	19 <sup>h</sup> 57'21"	21 <sup>h</sup> 47'31"	21 <sup>h</sup> 31'20"	20 <sup>h</sup> 29'17"	6 <sup>h</sup> 38'41"	6 <sup>h</sup> 38'41"	T 2
W 3	22 48 17	10 <sup>h</sup> 25'34"	24 <sup>h</sup> 20'20"	23 <sup>h</sup> 02'23"	29 <sup>h</sup> 34'34"	3 <sup>h</sup> 47'34"	20 <sup>h</sup> 55'13"	13 <sup>h</sup> 26'17"	17 <sup>h</sup> 23'19"	19 <sup>h</sup> 59'21"	21 <sup>h</sup> 49'31"	21 <sup>h</sup> 30'20"	20 <sup>h</sup> 26'17"	6 <sup>h</sup> 41'35"	6 <sup>h</sup> 41'35"	W 3
T 4	22 52 13	11 <sup>h</sup> 23'41"	9 <sup>h</sup> 31'27"	24 <sup>h</sup> 27'04"	24 <sup>h</sup> 27'04"	0 <sup>h</sup> 48'48"	4 <sup>h</sup> 24'24"	20 <sup>h</sup> 56'13"	17 <sup>h</sup> 26'20"	20 <sup>h</sup> 01'21"	21 <sup>h</sup> 50'30"	21 <sup>h</sup> 30'20"	20 <sup>h</sup> 23'17"	6 <sup>h</sup> 40'40"	6 <sup>h</sup> 40'40"	T 4
F 5	22 56 10	12 <sup>h</sup> 21'49"	24 <sup>h</sup> 27'25"	25 <sup>h</sup> 57'20"	20 <sup>h</sup> 02'05"	5 <sup>h</sup> 01'01"	20 <sup>h</sup> 57'13"	13 <sup>h</sup> 39'17"	17 <sup>h</sup> 28'20"	21 <sup>h</sup> 52'21"	21 <sup>h</sup> 29'20"	21 <sup>h</sup> 29'20"	20 <sup>h</sup> 20'17"	6 <sup>h</sup> 39'39"	6 <sup>h</sup> 39'39"	F 5
S 6	23 0 7	13 <sup>h</sup> 20'00"	9 <sup>h</sup> 31'14"	27 <sup>h</sup> 31'31"	3 <sup>h</sup> 16'16"	5 <sup>h</sup> 39'39"	20 <sup>h</sup> 58'13"	13 <sup>h</sup> 46'17"	17 <sup>h</sup> 31'20"	21 <sup>h</sup> 54'21"	21 <sup>h</sup> 26'20"	21 <sup>h</sup> 26'20"	20 <sup>h</sup> 16'17"	6 <sup>h</sup> 39'39"	6 <sup>h</sup> 39'39"	S 6
S 7	23 4 3	14 <sup>h</sup> 18'12"	23 <sup>h</sup> 39'29"	29 <sup>h</sup> 09'43"	4 <sup>h</sup> 30'30"	6 <sup>h</sup> 16'16"	20 <sup>h</sup> 59'13"	13 <sup>h</sup> 53'17"	17 <sup>h</sup> 33'20"	21 <sup>h</sup> 56'21"	21 <sup>h</sup> 23'20"	21 <sup>h</sup> 23'20"	20 <sup>h</sup> 13'18"	6 <sup>h</sup> 39'39"	6 <sup>h</sup> 39'39"	S 7
M 8	23 8 0	15 <sup>h</sup> 16'26"	7 <sup>h</sup> 39'00"	0 <sup>h</sup> 51'51"	5 <sup>h</sup> 44'44"	6 <sup>h</sup> 54'54"	20 <sup>h</sup> 59'13"	13 <sup>h</sup> 59'17"	17 <sup>h</sup> 36'20"	21 <sup>h</sup> 58'21"	21 <sup>h</sup> 20'20"	21 <sup>h</sup> 20'20"	20 <sup>h</sup> 10'18"	6 <sup>h</sup> 38'38"	6 <sup>h</sup> 38'38"	M 8
T 9	23 11 56	16 <sup>h</sup> 14'43"	21 <sup>h</sup> 11'23"	2 <sup>h</sup> 36'36"	6 <sup>h</sup> 58'58"	7 <sup>h</sup> 32'32"	20 <sup>h</sup> 59'14"	14 <sup>h</sup> 06'17"	17 <sup>h</sup> 38'20"	21 <sup>h</sup> 59'21"	21 <sup>h</sup> 17'20"	21 <sup>h</sup> 17'20"	20 <sup>h</sup> 07'18"	6 <sup>h</sup> 38'38"	6 <sup>h</sup> 38'38"	T 9
W10	23 15 53	17 <sup>h</sup> 13'01"	4 <sup>h</sup> 11'16"	4 <sup>h</sup> 23'23"	8 <sup>h</sup> 12'12"	8 <sup>h</sup> 11'11"	20 <sup>h</sup> 59'14"	14 <sup>h</sup> 13'17"	17 <sup>h</sup> 40'20"	22 <sup>h</sup> 01'21"	21 <sup>h</sup> 15'20"	21 <sup>h</sup> 15'20"	20 <sup>h</sup> 04'18"	6 <sup>h</sup> 38'38"	6 <sup>h</sup> 38'38"	W10
T 11	23 19 49	18 <sup>h</sup> 11'22"	16 <sup>h</sup> 57'06"	6 <sup>h</sup> 11'11"	9 <sup>h</sup> 25'25"	8 <sup>h</sup> 49'49"	20 <sup>h</sup> 59'14"	14 <sup>h</sup> 20'17"	17 <sup>h</sup> 42'20"	22 <sup>h</sup> 03'21"	21 <sup>h</sup> 15'20"	21 <sup>h</sup> 15'20"	20 <sup>h</sup> 01'18"	6 <sup>h</sup> 38'38"	6 <sup>h</sup> 38'38"	T 11
F 12	23 23 46	19 <sup>h</sup> 09'44"	29 <sup>h</sup> 17'08"	8 <sup>h</sup> 02'10"	10 <sup>h</sup> 39'39"	9 <sup>h</sup> 27'27"	20 <sup>h</sup> 59'14"	14 <sup>h</sup> 26'17"	17 <sup>h</sup> 44'20"	22 <sup>h</sup> 05'21"	21 <sup>h</sup> 15'20"	21 <sup>h</sup> 15'20"	19 <sup>h</sup> 57'18"	6 <sup>h</sup> 38'38"	6 <sup>h</sup> 38'38"	F 12
S 13	23 27 42	20 <sup>h</sup> 08'09"	11 <sup>h</sup> 32'13"	9 <sup>h</sup> 53'11"	11 <sup>h</sup> 53'11"	10 <sup>h</sup> 06'06"	20 <sup>h</sup> 58'14"	14 <sup>h</sup> 33'17"	17 <sup>h</sup> 47'20"	22 <sup>h</sup> 06'21"	21 <sup>h</sup> 16'20"	21 <sup>h</sup> 16'20"	19 <sup>h</sup> 54'18"	6 <sup>h</sup> 38'38"	6 <sup>h</sup> 38'38"	S 13
S 14	23 31 39	21 <sup>h</sup> 06'36"	23 <sup>h</sup> 17'11"	11 <sup>h</sup> 46'13"	13 <sup>h</sup> 07'07"	10 <sup>h</sup> 45'45"	20 <sup>h</sup> 58'14"	14 <sup>h</sup> 40'17"	17 <sup>h</sup> 49'20"	22 <sup>h</sup> 08'21"	21 <sup>h</sup> 18'20"	21 <sup>h</sup> 18'20"	19 <sup>h</sup> 51'18"	6 <sup>h</sup> 38'38"	6 <sup>h</sup> 38'38"	S 14
M15	23 35 36	22 <sup>h</sup> 05'05"	5 <sup>h</sup> 05'05"	13 <sup>h</sup> 39'13"	14 <sup>h</sup> 21'21"	11 <sup>h</sup> 24'24"	20 <sup>h</sup> 57'14"	14 <sup>h</sup> 47'17"	17 <sup>h</sup> 51'20"	22 <sup>h</sup> 10'21"	21 <sup>h</sup> 20'20"	21 <sup>h</sup> 20'20"	19 <sup>h</sup> 48'18"	6 <sup>h</sup> 38'38"	6 <sup>h</sup> 38'38"	M15
T 16	23 39 32	23 <sup>h</sup> 03'36"	16 <sup>h</sup> 52'15"	15 <sup>h</sup> 32'15"	15 <sup>h</sup> 34'34"	12 <sup>h</sup> 03'03"	20 <sup>h</sup> 56'14"	14 <sup>h</sup> 54'17"	17 <sup>h</sup> 53'20"	22 <sup>h</sup> 11'21"	21 <sup>h</sup> 20'20"	21 <sup>h</sup> 20'20"	19 <sup>h</sup> 45'19"	6 <sup>h</sup> 39'39"	6 <sup>h</sup> 39'39"	T 16
W17	23 43 29	24 <sup>h</sup> 02'09"	28 <sup>h</sup> 40'17"	17 <sup>h</sup> 25'16"	16 <sup>h</sup> 48'48"	12 <sup>h</sup> 43'43"	20 <sup>h</sup> 54'15"	15 <sup>h</sup> 01'17"	17 <sup>h</sup> 55'20"	22 <sup>h</sup> 13'21"	21 <sup>h</sup> 21'21"	21 <sup>h</sup> 21'21"	19 <sup>h</sup> 42'19"	6 <sup>h</sup> 39'39"	6 <sup>h</sup> 39'39"	W17
T 18	23 47 25	25 <sup>h</sup> 00'44"	10 <sup>h</sup> 34'10"	19 <sup>h</sup> 18'18"	18 <sup>h</sup> 02'02"	13 <sup>h</sup> 22'22"	20 <sup>h</sup> 53'15"	15 <sup>h</sup> 08'17"	17 <sup>h</sup> 57'20"	22 <sup>h</sup> 15'21"	21 <sup>h</sup> 19'20"	21 <sup>h</sup> 19'20"	19 <sup>h</sup> 38'19"	6 <sup>h</sup> 40'40"	6 <sup>h</sup> 40'40"	T 18
F 19	23 51 22	25 <sup>h</sup> 59'21"	22 <sup>h</sup> 34'21"	21 <sup>h</sup> 10'10"	19 <sup>h</sup> 16'16"	14 <sup>h</sup> 02'02"	20 <sup>h</sup> 51'15"	15 <sup>h</sup> 15'17"	17 <sup>h</sup> 58'20"	22 <sup>h</sup> 16'21"	21 <sup>h</sup> 15'20"	21 <sup>h</sup> 15'20"	19 <sup>h</sup> 35'19"	6 <sup>h</sup> 40'40"	6 <sup>h</sup> 40'40"	F 19
S 20	23 55 18	26 <sup>h</sup> 58'00"	4 <sup>h</sup> 44'23"	23 <sup>h</sup> 02'20"	20 <sup>h</sup> 30'30"	14 <sup>h</sup> 42'42"	20 <sup>h</sup> 49'15"	15 <sup>h</sup> 22'18"	18 <sup>h</sup> 00'00"	22 <sup>h</sup> 18'21"	21 <sup>h</sup> 10'20"	21 <sup>h</sup> 10'20"	19 <sup>h</sup> 32'19"	6 <sup>h</sup> 41'41"	6 <sup>h</sup> 41'41"	S 20
S 21	23 59 15	27 <sup>h</sup> 56'41"	17 <sup>h</sup> 05'24"	24 <sup>h</sup> 54'24"	21 <sup>h</sup> 43'43"	15 <sup>h</sup> 22'22"	20 <sup>h</sup> 47'15"	15 <sup>h</sup> 30'18"	18 <sup>h</sup> 02'02"	22 <sup>h</sup> 19'21"	21 <sup>h</sup> 04'20"	21 <sup>h</sup> 04'20"	19 <sup>h</sup> 29'19"	6 <sup>h</sup> 42'42"	6 <sup>h</sup> 42'42"	S 21
M22	0 3 11	28 <sup>h</sup> 55'24"	29 <sup>h</sup> 37'29"	26 <sup>h</sup> 45'26"	22 <sup>h</sup> 57'57"	16 <sup>h</sup> 02'02"	20 <sup>h</sup> 44'15"	15 <sup>h</sup> 37'18"	18 <sup>h</sup> 04'04"	22 <sup>h</sup> 21'21"	20 <sup>h</sup> 58'20"	20 <sup>h</sup> 58'20"	19 <sup>h</sup> 26'19"	6 <sup>h</sup> 42'42"	6 <sup>h</sup> 42'42"	M22
T 23	0 7 8	29 <sup>h</sup> 54'08"	12 <sup>h</sup> 32'22"	28 <sup>h</sup> 35'28"	24 <sup>h</sup> 11'11"	16 <sup>h</sup> 42'42"	20 <sup>h</sup> 42'15"	15 <sup>h</sup> 44'18"	18 <sup>h</sup> 05'05"	22 <sup>h</sup> 23'21"	20 <sup>h</sup> 51'20"	20 <sup>h</sup> 51'20"	19 <sup>h</sup> 22'19"	6 <sup>h</sup> 43'43"	6 <sup>h</sup> 43'43"	T 23
W24	0 11 5	0 <sup>h</sup> 52'55"	25 <sup>h</sup> 20'04"	0 <sup>h</sup> 52'55"	25 <sup>h</sup> 25'25"	17 <sup>h</sup> 23'23"	20 <sup>h</sup> 39'15"	15 <sup>h</sup> 51'18"	18 <sup>h</sup> 07'07"	22 <sup>h</sup> 24'21"	20 <sup>h</sup> 45'20"	20 <sup>h</sup> 45'20"	19 <sup>h</sup> 19'19"	6 <sup>h</sup> 44'44"	6 <sup>h</sup> 44'44"	W24
T 25	0 15 1	1 <sup>h</sup> 51'43"	8 <sup>h</sup> 31'32"	2 <sup>h</sup> 12'12"	26 <sup>h</sup> 39'39"	18 <sup>h</sup> 03'03"	20 <sup>h</sup> 36'15"	15 <sup>h</sup> 58'18"	18 <sup>h</sup> 09'09"	22 <sup>h</sup> 26'21"	20 <sup>h</sup> 41'20"	20 <sup>h</sup> 41'20"	19 <sup>h</sup> 16'16"	6 <sup>h</sup> 45'45"	6 <sup>h</sup> 45'45"	T 25
F 26	0 18 58	2 <sup>h</sup> 50'33"	21 <sup>h</sup> 59'40"	4 <sup>h</sup> 00'00"	27 <sup>h</sup> 52'52"	18 <sup>h</sup> 44'44"	20 <sup>h</sup> 33'16"	16 <sup>h</sup> 05'18"	18 <sup>h</sup> 10'10"	22 <sup>h</sup> 27'21"	20 <sup>h</sup> 39'20"	20 <sup>h</sup> 39'20"	19 <sup>h</sup> 13'13"	6 <sup>h</sup> 47'47"	6 <sup>h</sup> 47'47"	F 26
S 27	0 22 54	3 <sup>h</sup> 49'25"	5 <sup>h</sup> 34'11"	5 <sup>h</sup> 46'46"	29 <sup>h</sup> 06'06"	19 <sup>h</sup> 25'25"	20 <sup>h</sup> 30'16"	16 <sup>h</sup> 13'18"	18 <sup>h</sup> 12'12"	22 <sup>h</sup> 29'21"	20 <sup>h</sup> 38'20"	20 <sup>h</sup> 38'20"	19 <sup>h</sup> 10'10"	6 <sup>h</sup> 48'48"	6 <sup>h</sup> 48'48"	S 27
S 28	0 26 51	4 <sup>h</sup> 48'19"	19 <sup>h</sup> 41'19"	7 <sup>h</sup> 32'32"	0 <sup>h</sup> 20'20"	20 <sup>h</sup> 06'06"	20 <sup>h</sup> 26'16"	16 <sup>h</sup> 20'18"	18 <sup>h</sup> 13'13"	22 <sup>h</sup> 30'21"	20 <sup>h</sup> 39'20"	20 <sup>h</sup> 39'20"	19 <sup>h</sup> 07'07"	6 <sup>h</sup> 49'49"	6 <sup>h</sup> 49'49"	S 28
M29	0 30 47	5 <sup>h</sup> 47'14"	3 <sup>h</sup> 35'57"	9 <sup>h</sup> 17'17"	1 <sup>h</sup> 33'33"	20 <sup>h</sup> 47'47"	20 <sup>h</sup> 23'23"	16 <sup>h</sup> 27'18"	18 <sup>h</sup> 14'14"	22 <sup>h</sup> 32'21"	20 <sup>h</sup> 40'20"	20 <sup>h</sup> 40'20"	19 <sup>h</sup> 03'03"	6 <sup>h</sup> 51'51"	6 <sup>h</sup> 51'51"	M29
T 30	0 34 44	6 <sup>h</sup> 46'11"	18 <sup>h</sup> 32'27"	11 <sup>h</sup> 41'41"	2 <sup>h</sup> 47'47"	21 <sup>h</sup> 32'32"	20 <sup>h</sup> 21'21"	16 <sup>h</sup> 34'16"	18 <sup>h</sup> 16'16"	22 <sup>h</sup> 33'21"	20 <sup>h</sup> 41'20"	20 <sup>h</sup> 41'20"	19 <sup>h</sup> 00'00"	6 <sup>h</sup> 52'52"	6 <sup>h</sup> 52'52"	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
M 1	8n23	23s36	2s24	14n51	0n12	2n16	1n13	22s39	2s11	16n47	1s14	3s7	2n17	22n43	0n23	6s17	1n38	22n42	8n57	14s21	14s39	15n54	16s23	6n54	
T 2	8 2	19 1	1 7	14 40	0 25	1 45	1 12	22 46	2 1	16 47	1 14	3 10	2 17	22 42	0 23	6 18	1 38	22 42	8 57	14 20	14 40	15 52	16 24	6 54	
W 3	7 40	13 10	0n16	14 26	0 38	1 14	1 10	22 54	2 1	16 48	1 14	3 12	2 17	22 42	0 23	6 19	1 38	22 41	8 57	14 20	14 41	15 49	16 24	6 53	
T 4	7 18	6 32	1 37	14 9	0 50	0 44	1 9	23 1	2 1	16 48	1 15	3 15	2 17	22 42	0 23	6 19	1 38	22 41	8 57	14 20	14 42	15 46	16 25	6 53	
F 5	6 55	0n26	2 52	13 49	1 0	0 13	1 7	23 8	2 1	16 48	1 15	3 18	2 16	22 41	0 23	6 20	1 37	22 40	8 57	14 21	14 43	15 43	16 25	6 52	
S 6	6 33	7 14	3 54	13 25	1 9	0s18	1 5	23 14	2 1	16 48	1 15	3 20	2 16	22 41	0 23	6 21	1 37	22 40	8 57	14 22	14 44	15 40	16 26	6 52	
S 7	6 11	13 30	4 39	12 59	1 18	0 49	1 4	23 21	2 1	16 48	1 15	3 23	2 16	22 41	0 23	6 22	1 37	22 39	8 58	14 23	14 45	15 37	16 26	6 51	
M 8	5 48	18 53	5 6	12 30	1 25	1 20	1 2	23 28	2 1	16 48	1 15	3 26	2 16	22 41	0 23	6 22	1 37	22 39	8 58	14 24	14 46	15 34	16 27	6 51	
T 9	5 26	23 7	5 15	11 59	1 31	1 51	1 0	23 34	2 1	16 48	1 15	3 28	2 16	22 40	0 23	6 23	1 37	22 39	8 58	14 25	14 47	15 31	16 27	6 50	
W10	5 3	26 1	5 7	11 25	1 37	2 22	0 58	23 40	2 1	16 48	1 16	3 31	2 16	22 40	0 23	6 24	1 37	22 38	8 58	14 25	14 48	15 29	16 28	6 50	
T 11	4 40	27 31	4 44	10 48	1 41	2 52	0 56	23 46	2 1	16 48	1 16	3 34	2 16	22 40	0 23	6 24	1 37	22 38	8 58	14 25	14 49	15 26	16 28	6 49	
F 12	4 17	27 35	4 8	10 10	1 44	3 23	0 54	23 52	2 1	16 47	1 16	3 36	2 16	22 40	0 23	6 25	1 37	22 37	8 58	14 25	14 50	15 23	16 29	6 49	
S 13	3 55	26 19	3 22	9 31	1 47	3 54	0 52	23 58	2 1	16 47	1 16	3 39	2 16	22 39	0 23	6 26	1 37	22 37	8 59	14 25	14 51	15 20	16 29	6 48	
S 14	3 32	23 52	2 28	8 49	1 48	4 25	0 50	24 4	2 1	16 47	1 16	3 42	2 16	22 39	0 24	6 27	1 37	22 37	8 59	14 24	14 52	15 17	16 30	6 47	
M15	3 8	20 25	1 28	8 7	1 49	4 55	0 48	24 9	2 1	16 46	1 16	3 45	2 16	22 39	0 24	6 28	1 37	22 36	8 59	14 24	14 53	15 14	16 30	6 47	
T 16	2 45	16 11	0 25	7 23	1 49	5 26	0 46	24 14	2 1	16 46	1 17	3 47	2 15	22 39	0 24	6 28	1 37	22 36	8 59	14 23	14 54	15 11	16 31	6 46	
W17	2 22	11 19	0s40	6 38	1 48	5 56	0 43	24 19	2 1	16 45	1 17	3 50	2 15	22 38	0 24	6 29	1 37	22 35	8 59	14 24	14 55	15 8	16 31	6 46	
T 18	1 59	6 1	1 43	5 53	1 47	6 26	0 41	24 24	2 0	16 45	1 17	3 53	2 15	22 38	0 24	6 30	1 37	22 35	9 0	14 24	14 56	15 5	16 32	6 45	
F 19	1 36	0 28	2 42	5 7	1 45	6 57	0 39	24 29	2 0	16 44	1 17	3 56	2 15	22 38	0 24	6 31	1 37	22 35	9 0	14 25	14 57	15 2	16 32	6 45	
S 20	1 12	5s10	3 35	4 20	1 43	7 27	0 37	24 34	2 0	16 43	1 17	3 59	2 15	22 38	0 24	6 32	1 37	22 34	9 0	14 27	14 58	14 59	16 33	6 44	
S 21	0 49	10 41	4 18	3 33	1 40	7 57	0 34	24 38	2 0	16 43	1 17	4 1	2 15	22 37	0 24	6 32	1 37	22 34	9 0	14 29	14 59	14 57	16 33	6 44	
M22	0 26	15 51	4 49	2 46	1 36	8 26	0 32	24 42	2 0	16 42	1 17	4 4	2 15	22 37	0 24	6 33	1 37	22 34	9 0	14 31	15 0	14 54	16 34	6 43	
T 23	0 2	20 25	5 7	1 59	1 32	8 56	0 29	24 46	2 0	16 41	1 18	4 7	2 15	22 37	0 24	6 34	1 37	22 33	9 1	14 33	15 1	14 51	16 34	6 43	
W24	0s21	24 6	5 9	1 11	1 28	9 25	0 27	24 50	1 59	16 40	1 18	4 10	2 15	22 37	0 24	6 35	1 37	22 33	9 1	14 35	15 12	14 48	16 35	6 42	
T 25	0 44	26 35	4 55	0 24	1 23	9 54	0 24	24 53	1 59	16 39	1 18	4 12	2 15	22 37	0 24	6 36	1 37	22 33	9 1	14 36	15 3	14 45	16 35	6 42	
F 26	1 8	27 37	4 25	0s23	1 18	10 23	0 22	24 57	1 59	16 38	1 18	4 15	2 15	22 36	0 24	6 36	1 37	22 33	9 1	14 37	15 4	14 42	16 36	6 41	
S 27	1 31	26 59	3 39	1 10	1 13	10 52	0 19	25 0	1 59	16 37	1 18	4 18	2 15	22 36	0 24	6 37	1 37	22 32	9 2	14 37	15 5	14 39	16 36	6 41	
S 28	1 55	24 38	2 40	1 57	1 8	11 20	0 16	25 3	1 59	16 36	1 18	4 21	2 15	22 36	0 24	6 38	1 37	22 32	9 2	14 37	15 6	14 36	16 37	6 40	
M29	2 18	20 43	1 29	2 44	1 12	11 48	0 14	25 6	1 58	16 35	1 18	4 24	2 15	22 36	0 24	6 39	1 37	22 32	9 2	14 36	15 7	14 33	16 37	6 40	
T 30	2s41	15s30	0s12	3s30	0n56	12s16	0n11	25s 8	1s58	16n34	1s18	4s26	2n15	22n36	0n24	6s40	1n37	22n31	9n 2	14s36	15s 8	14n30	16s37	6n39	

ASTRODIENST EPHEMERIS for the year 1952  
geocentric

OCTOBER 1952

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 38 40	7♌45°09	3♊ 9	12♏44	4♍ 1	22♈ 9	20°R15	16♏42	18♏17	20♏56	22♏35	20°R41	18♏57	20♏41	6♏54	W 1
T 2	0 42 37	8°44'10	17°57	14°26	5°14	22°51	20♏10	16°49	18°18	20°58	22°36	20♏38	18°54	20°48	6°55	T 2
F 3	0 46 34	9°43'12	2°44	16° 7	6°28	23°32	20° 6	16°56	18°19	21° 0	22°37	20°33	18°51	20°55	6°57	F 3
S 4	0 50 30	10°42'16	17°22	17°48	7°42	24°14	20° 1	17° 3	18°21	21° 3	22°39	20°26	18°47	21° 1	6°59	S 4
S 5	0 54 27	11°41'22	18°43	19°27	8°55	24°56	19°56	17°11	18°22	21° 5	22°40	20°18	18°44	21° 8	7° 1	S 5
M 6	0 58 23	12°40'31	15°44	21° 6	10° 9	25°38	19°52	17°18	18°23	21° 7	22°41	20° 9	18°41	21°15	7° 3	M 6
T 7	1 2 20	13°39'42	29°18	22°44	11°22	26°20	19°46	17°25	18°24	21° 9	22°43	20° 2	18°38	21°21	7° 5	T 7
W 8	1 6 16	14°38'55	12♐27	24°21	12°36	27° 2	19°41	17°33	18°25	21°11	22°44	19°55	18°35	21°28	7° 7	W 8
T 9	1 10 13	15°38'11	25°11	25°58	13°49	27°44	19°36	17°40	18°25	21°14	22°45	19°51	18°32	21°35	7° 9	T 9
F 10	1 14 9	16°37'28	7♏34	27°34	15° 3	28°27	19°30	17°47	18°26	21°16	22°47	19°48	18°28	21°41	7°12	F 10
S 11	1 18 6	17°36'49	19°40	29° 9	16°17	29° 9	19°24	17°55	18°27	21°18	22°48	19°D48	18°25	21°48	7°14	S 11
S 12	1 22 3	18°36'11	1♌34	0♍43	17°30	29°52	19°18	18° 2	18°28	21°20	22°49	19°49	18°22	21°54	7°16	S 12
M13	1 25 59	19°35'36	13°22	2°16	18°44	0♏34	19°12	18° 9	18°28	21°23	22°50	19°49	18°19	22° 1	7°19	M13
T 14	1 29 56	20°35'03	25° 9	3°49	19°57	1°17	19° 6	18°17	18°29	21°25	22°51	19°R49	18°16	22° 8	7°21	T 14
W15	1 33 52	21°34'32	7♐ 0	5°22	21°11	2° 0	19° 0	18°24	18°29	21°27	22°52	19°48	18°13	22°14	7°24	W15
T 16	1 37 49	22°34'03	18°59	6°53	22°24	2°43	18°53	18°31	18°30	21°29	22°54	19°44	18° 9	22°21	7°27	T 16
F 17	1 41 45	23°33'36	1♐ 9	8°24	23°38	3°26	18°47	18°39	18°30	21°32	22°55	19°37	18° 6	22°28	7°30	F 17
S 18	1 45 42	24°33'12	13°33	9°54	24°51	4° 9	18°40	18°46	18°31	21°34	22°56	19°28	18° 3	22°34	7°33	S 18
S 19	1 49 38	25°32'50	26°11	11°24	26° 4	4°52	18°33	18°53	18°31	21°36	22°57	19°17	18° 0	22°41	7°35	S 19
M20	1 53 35	26°32'30	9♍ 3	12°53	27°18	5°36	18°26	19° 1	18°31	21°38	22°58	19° 5	17°57	22°48	7°38	M20
T 21	1 57 31	27°32'11	22° 9	14°21	28°31	6°19	18°19	19° 8	18°32	21°40	22°59	18°53	17°53	22°54	7°42	T 21
W22	2 1 28	28°31'55	5♊27	15°49	29°45	7° 3	18°12	19°15	18°32	21°43	23° 0	18°42	17°50	23° 1	7°45	W22
T 23	2 5 25	29°31'41	18°56	17°16	0♊58	7°46	18° 4	19°23	18°32	21°45	23° 1	18°34	17°47	23° 8	7°48	T 23
F 24	2 9 21	0♍31'28	2♏35	18°42	2°11	8°30	17°57	19°30	18°32	21°47	23° 2	18°29	17°44	23°14	7°51	F 24
S 25	2 13 18	1°31'17	16°23	20° 7	3°25	9°14	17°49	19°37	18°R32	21°49	23° 2	18°26	17°41	23°21	7°55	S 25
S 26	2 17 14	2°31'08	0♋19	21°32	4°38	9°58	17°42	19°44	18°32	21°52	23° 3	18°D25	17°38	23°27	7°58	S 26
M27	2 21 11	3°31'00	14°23	22°56	5°51	10°42	17°34	19°52	18°32	21°54	23° 4	18°R25	17°34	23°34	8° 2	M27
T 28	2 25 7	4°30'54	28°35	24°19	7° 5	11°26	17°26	19°59	18°32	21°56	23° 5	18°25	17°31	23°41	8° 5	T 28
W29	2 29 4	5°30'49	12♋54	25°41	8°18	12°10	17°18	20° 6	18°32	21°58	23° 6	18°23	17°28	23°47	8° 9	W29
T 30	2 33 0	6°30'47	27°16	27° 2	9°31	12°54	17°11	20°13	18°31	22° 0	23° 6	18°18	17°25	23°54	8°13	T 30
F 31	2 36 57	7♍30'45	11♐37	28♍23	10♊44	13♏39	17♏ 3	20♏20	18♏31	22♏ 3	23♏ 7	18♏11	17♏22	24♏ 1	8♏16	F 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
W 1	3s 5	9s19	1n 7	4s16	0n50	12s44	0n 8	25s11	1s58	16n33	1s19	4s29	2n15	22n36	0n24	6s40	1n37	22n31	9n 3	14s36	15s 9	14n27	16s38	6n39			
T 2	3 28	2 35	2 22	5 1	0 44	13 11	0 5	25 13	1 58	16 32	1 19	4 32	2 15	22 36	0 24	6 41	1 37	22 31	9 3	14 37	15 10	14 24	16 38	6 38			
F 3	3 51	4n15	3 27	5 46	0 37	13 38	0 3	25 15	1 57	16 30	1 19	4 35	2 15	22 35	0 24	6 42	1 37	22 31	9 3	14 39	15 11	14 21	16 39	6 38			
S 4	4 14	10 47	4 18	6 31	0 31	14 5	0s 0	25 16	1 57	16 29	1 19	4 38	2 15	22 35	0 24	6 43	1 37	22 31	9 3	14 41	15 12	14 18	16 39	6 37			
S 5	4 37	16 37	4 51	7 15	0 24	14 31	0 3	25 18	1 57	16 28	1 19	4 40	2 15	22 35	0 24	6 44	1 37	22 30	9 4	14 43	15 13	14 15	16 40	6 37			
M 6	5 1	21 25	5 6	7 58	0 17	14 57	0 6	25 19	1 56	16 26	1 19	4 43	2 15	22 35	0 24	6 45	1 37	22 30	9 4	14 46	15 14	14 12	16 40	6 36			
T 7	5 24	24 56	5 3	8 41	0 10	15 23	0 9	25 20	1 56	16 25	1 19	4 46	2 15	22 35	0 24	6 45	1 37	22 30	9 4	14 49	15 15	14 9	16 40	6 36			
W 8	5 47	26 59	4 43	9 23	0 3	15 48	0 12	25 21	1 56	16 23	1 19	4 49	2 15	22 35	0 24	6 46	1 37	22 30	9 4	14 51	15 16	14 6	16 41	6 35			
T 9	6 9	27 32	4 11	10 5	0s 3	16 13	0 14	25 21	1 55	16 22	1 19	4 52	2 15	22 35	0 24	6 47	1 37	22 30	9 5	14 52	15 17	14 3	16 41	6 35			
F 10	6 32	26 40	3 27	10 46	0 10	16 38	0 17	25 21	1 55	16 20	1 19	4 54	2 15	22 35	0 24	6 48	1 37	22 29	9 5	14 53	15 18	14 0	16 41	6 34			
S 11	6 55	24 33	2 35	11 27	0 17	17 2	0 20	25 21	1 55	16 19	1 19	4 57	2 15	22 35	0 24	6 49	1 37	22 29	9 5	14 53	15 19	13 58	16 42	6 34			
S 12	7 18	21 23	1 36	12 6	0 24	17 26	0 23	25 21	1 54	16 17	1 20	5 0	2 15	22 35	0 24	6 50	1 37	22 29	9 6	14 53	15 20	13 55	16 42	6 33			
M13	7 40	17 22	0 35	12 45	0 31	17 49	0 26	25 21	1 54	16 15	1 20	5 3	2 15	22 35	0 24	6 50	1 37	22 29	9 6	14 52	15 21	13 52	16 42	6 33			
T 14	8 3	12 42	0s28	13 24	0 38	18 12	0 29	25 20	1 54	16 14	1 20	5 5	2 15	22 34	0 24	6 51	1 37	22 29	9 6	14 52	15 22	13 49	16 43	6 32			
W15	8 25	7 33	1 31	14 1	0 45	18 34	0 32	25 19	1 53	16 12	1 20	5 8	2 15	22 34	0 24	6 52	1 37	22 29	9 6	14 53	15 23	13 46	16 43	6 32			
T 16	8 47	2 4	2 29	14 38	0 52	18 56	0 35	25 18	1 53	16 10	1 20	5 11	2 15	22 34	0 24	6 53	1 37	22 29	9 7	14 54	15 24	13 43	16 43	6 31			
F 17	9 9	3s33	3 22	15 14	0 59	19 18	0 38	25 17	1 52	16 8	1 20	5 14	2 15	22 34	0 24	6 54	1 37	22 29	9 7	14 56	15 25	13 40	16 44	6 31			
S 18	9 31	9 7	4 6	15 50	1 6	19 39	0 41	25 15	1 52	16 6	1 20	5 16	2 15	22 34	0 25	6 55	1 37	22 28	9 7	14 59	15 26	13 37	16 44	6 30			
S 19	9 53	14 26	4 38	16 24	1 12	19 59	0 43	25 13	1 52	16 4	1 20	5 19	2 15	22 34	0 25	6 55	1 37	22 28	9 8	15 3	15 27	13 34	16 44	6 30			
M20	10 15	19 13	4 58	16 58	1 19	20 19	0 46	25 11	1 51	16 2	1 20	5 22	2 15	22 34	0 25	6 56	1 37	22 28	9 8	15 6	15 28	13 31	16 45	6 30			
T 21	10 36	23 10	5 2	17 30	1 25	20 38	0 49	25 8	1 51	16 0	1 20	5 25	2 15	22 34	0 25	6 57	1 37	22 28	9 8	15 10	15 28	13 28	16 45	6 29			
W22	10 57	25 58	4 50	18 2	1 31	20 57	0 52	25 6	1 50	15 58	1 20	5 27	2 15	22 34	0 25	6 58	1 37	22 28	9 9	15 13	15 29	13 25	16 45	6 29			
T 23	11 19	27 20	4 21	18 33	1 38	21 15	0 55	25 3	1 50	15 56	1 20	5 30	2 15	22 34	0 25	6 59	1 37	22 28	9 9	15 16	15 30	13 22	16 46	6 28			
F 24	11 40	27 3	3 38	19 3	1 44	21 33	0 58	25 0	1 49	15 54	1 20	5 33	2 15	22 34	0 25	6 59	1 37	22 28	9 9	15 18	15 31	13 19	16 46	6 28			
S 25	12 0	25 7	2 41	19 32	1 49	21 50	1 1	24 56	1 49	15 52	1 20	5 35	2 15	22 34	0 25	7 0	1 37	22 28	9 9	15 19	15 32	13 16	16 46	6 27			
S 26	12 21	21 38	1 34	20 0	1 55	22 7	1 3	24 52	1 48	15 50	1 20	5 38	2 15	22 34	0 25	7 1	1 37	22 28	9 10	15 19	15 33	13 13	16 46	6 27			
M27	12 42	16 52	0 21	20 27	2 1	22 22	1 6	24 48	1 48	15 48	1 20	5 41	2 15	22 34	0 25	7 2	1 37	22 28	9 10	15 19	15 34	13 10	16 46	6 26			
T 28	13 2	11 8	0n54	20 53	2 6	22 38	1 9	24 44	1 47	15 46	1 20	5 43	2 15	22 35	0 25	7 3	1 37	22 28	9 10	15 19	15 35	13 7	16 47	6 26			
W29	13 22	4 47	2 6	21 18	2 11	22 52	1 11	24 40	1 47	15 44	1 20	5 46	2 15	22 35	0 25	7 4	1 37	22 28	9 11	15 19	15 36	13 4	16 47	6 26			
T 30	13 42	1n49	3 10	21 42	2 16	23 6	1 14	24 35	1 46	15 41	1 20	5 49	2 16	22 35	0 25	7 4	1 37	22 28	9 11	15 21	15 37	13 1	16 47	6 25			
F 31	14s 1	8n19	4n 2	22s 5	2s20	23s20	1s17	24s30	1s46	15n39	1s20	5s51	2n16	22n35	0n25	7s 5	1n37	22n28	9n11	15s23	15s38	12n57	16s47	6n25			

ASTRODIENST EPHEMERIS for the year 1952  
geocentric

NOVEMBER 1952

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 40 54	8♍30'46	25♍53	29♍42	11♍57	14♍23	16°R55	20♍27	18°R31	22♍5	23♍8	18°R 1	17♍19	24♍7	8♍20	S 1
S 2	2 44 50	9°30'48	9♍58	1♍0	13°11	15°7	16♍47	20°34	18♍30	22°7	23°9	17♍49	17°15	24°14	8°24	S 2
M 3	2 48 47	10°30'53	23°46	2°16	14°24	15°52	16°39	20°41	18°30	22°9	23°9	17°36	17°12	24°21	8°28	M 3
T 4	2 52 43	11°30'59	7♍11	3°31	15°37	16°36	16°30	20°49	18°29	22°11	23°10	17°24	17°9	24°27	8°32	T 4
W 5	2 56 40	12°31'07	20°19	4°45	16°50	17°21	16°22	20°56	18°29	22°13	23°10	17°14	17°6	24°34	8°36	W 5
T 6	3 0 36	13°31'17	3♍2	5°57	18°3	18°6	16°14	21°3	18°28	22°15	23°11	17°6	17°3	24°41	8°40	T 6
F 7	3 4 33	14°31'30	15°25	7°7	19°16	18°50	16°6	21°9	18°27	22°18	23°12	17°1	16°59	24°47	8°44	F 7
S 8	3 8 29	15°31'44	27°32	8°14	20°29	19°35	15°58	21°16	18°27	22°20	23°12	16°59	16°56	24°54	8°49	S 8
S 9	3 12 26	16°32'00	9♍27	9°19	21°42	20°20	15°50	21°23	18°26	22°22	23°13	16°58	16°53	25°1	8°53	S 9
M10	3 16 23	17°32'18	21°16	10°22	22°55	21°5	15°41	21°30	18°25	22°24	23°13	16°58	16°50	25°7	8°57	M10
T 11	3 20 19	18°32'38	3♍4	11°21	24°8	21°50	15°33	21°37	18°24	22°26	23°13	16°57	16°47	25°14	9°2	T 11
W12	3 24 16	19°33'00	14°56	12°16	25°21	22°35	15°25	21°44	18°23	22°28	23°14	16°55	16°44	25°20	9°6	W12
T 13	3 28 12	20°33'24	26°59	13°8	26°34	23°20	15°17	21°51	18°22	22°30	23°14	16°51	16°40	25°27	9°11	T 13
F 14	3 32 9	21°33'50	9♍15	13°55	27°46	24°5	15°9	21°57	18°21	22°32	23°14	16°44	16°37	25°34	9°15	F 14
S 15	3 36 5	22°34'18	21°49	14°38	28°59	24°50	15°1	22°4	18°20	22°34	23°15	16°34	16°34	25°40	9°20	S 15
S 16	3 40 2	23°34'47	4♍42	15°14	0♍12	25°36	14°53	22°11	18°19	22°36	23°15	16°22	16°31	25°47	9°25	S 16
M17	3 43 58	24°35'18	17°54	15°45	1°25	26°21	14°45	22°17	18°18	22°38	23°15	16°9	16°28	25°54	9°29	M17
T 18	3 47 55	25°35'51	1♍23	16°8	2°37	27°6	14°37	22°24	18°16	22°40	23°16	15°56	16°25	26°0	9°34	T 18
W19	3 51 52	26°36'26	15°7	16°24	3°50	27°52	14°29	22°30	18°15	22°42	23°16	15°44	16°21	26°7	9°39	W19
T 20	3 55 48	27°37'01	29°2	16°R31	5°3	28°37	14°21	22°37	18°14	22°44	23°16	15°35	16°18	26°14	9°44	T 20
F 21	3 59 45	28°37'39	13♍3	16°29	6°15	29°23	14°14	22°43	18°12	22°46	23°16	15°28	16°15	26°20	9°49	F 21
S 22	4 3 41	29°38'17	27°9	16°17	7°28	0♍8	14°6	22°50	18°11	22°48	23°16	15°25	16°12	26°27	9°54	S 22
S 23	4 7 38	0♍38'56	11♍15	15°54	8°41	0°54	13°59	22°56	18°9	22°49	23°16	15°D24	16°9	26°34	9°59	S 23
M24	4 11 34	1°39'37	25°21	15°21	9°53	1°39	13°51	23°2	18°8	22°51	23°16	15°R24	16°5	26°40	10°4	M24
T 25	4 15 31	2°40'18	9♍26	14°37	11°5	2°25	13°44	23°8	18°6	22°53	23°R16	15°24	16°2	26°47	10°9	T 25
W26	4 19 28	3°41'01	23°29	13°43	12°18	3°11	13°37	23°15	18°5	22°55	23°16	15°22	15°59	26°54	10°14	W26
T 27	4 23 24	4°41'44	7♍29	12°39	13°30	3°57	13°30	23°21	18°3	22°57	23°16	15°18	15°56	27°0	10°19	T 27
F 28	4 27 21	5°42'29	21°25	11°27	14°42	4°42	13°23	23°27	18°1	22°59	23°16	15°12	15°53	27°7	10°24	F 28
S 29	4 31 17	6°43'15	5♍13	10°9	15°55	5°28	13°16	23°33	18°0	23°0	23°16	15°2	15°50	27°13	10°29	S 29
S 30	4 35 14	7♍44'02	18♍52	8♍48	17♍7	6♍14	13♍9	23♍39	17♍58	23♍2	23♍16	14♍51	15♍46	27♍20	10♍35	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s21	14n20	4n39	22s26	2s24	23s33	1s19	24s25	1s45	15n37	1s20	5s54	2n16	22n35	0n25	7s 6	1n37	22n28	9n12	15s26	15s39	12n54	16s47	6n24			
S 2	14 40	19 31	4 58	22 47	2 28	23 45	1 22	24 19	1 45	15 35	1 20	5 56	2 16	22 35	0 25	7 7	1 37	22 29	9 12	15 30	15 40	12 51	16 48	6 24			
M 3	14 59	23 32	4 59	23 6	2 32	23 56	1 24	24 14	1 44	15 33	1 20	5 59	2 16	22 35	0 25	7 7	1 37	22 29	9 12	15 34	15 41	12 48	16 48	6 24			
T 4	15 18	26 10	4 43	23 24	2 35	24 7	1 27	24 8	1 44	15 30	1 20	6 2	2 16	22 35	0 25	7 8	1 37	22 29	9 13	15 37	15 42	12 45	16 48	6 23			
W 5	15 36	27 17	4 13	23 41	2 38	24 17	1 29	24 1	1 43	15 28	1 20	6 4	2 16	22 35	0 25	7 9	1 37	22 29	9 13	15 41	15 43	12 42	16 48	6 23			
T 6	15 54	26 55	3 30	23 56	2 40	24 26	1 32	23 55	1 42	15 26	1 19	6 7	2 16	22 35	0 25	7 10	1 37	22 29	9 13	15 43	15 44	12 39	16 48	6 22			
F 7	16 12	25 11	2 39	24 10	2 42	24 35	1 34	23 48	1 42	15 24	1 19	6 9	2 16	22 35	0 25	7 11	1 37	22 29	9 14	15 44	15 45	12 36	16 48	6 22			
S 8	16 30	22 19	1 41	24 22	2 43	24 43	1 36	23 41	1 41	15 21	1 19	6 12	2 16	22 36	0 25	7 11	1 37	22 29	9 14	15 45	15 46	12 33	16 48	6 22			
S 9	16 47	18 32	0 40	24 33	2 44	24 50	1 39	23 34	1 41	15 19	1 19	6 14	2 16	22 36	0 25	7 12	1 37	22 29	9 14	15 45	15 47	12 30	16 48	6 21			
M10	17 4	14 3	0s23	24 43	2 44	24 56	1 41	23 26	1 40	15 17	1 19	6 17	2 16	22 36	0 25	7 13	1 37	22 30	9 15	15 45	15 48	12 27	16 48	6 21			
T 11	17 21	9 5	1 24	24 50	2 43	25 2	1 43	23 19	1 39	15 15	1 19	6 19	2 17	22 36	0 25	7 14	1 37	22 30	9 15	15 46	15 49	12 24	16 49	6 21			
W12	17 38	3 45	2 22	24 57	2 42	25 7	1 45	23 11	1 39	15 12	1 19	6 21	2 17	22 36	0 25	7 14	1 37	22 30	9 15	15 46	15 50	12 21	16 49	6 20			
T 13	17 54	1s47	3 15	25 1	2 40	25 11	1 47	23 3	1 38	15 10	1 19	6 24	2 17	22 36	0 25	7 15	1 37	22 30	9 16	15 47	15 51	12 18	16 49	6 20			
F 14	18 10	7 20	3 59	25 4	2 37	25 15	1 49	22 54	1 38	15 8	1 19	6 26	2 17	22 36	0 25	7 16	1 38	22 30	9 16	15 50	15 52	12 15	16 49	6 20			
S 15	18 25	12 44	4 33	25 5	2 33	25 18	1 51	22 45	1 37	15 6	1 18	6 29	2 17	22 37	0 25	7 16	1 38	22 31	9 16	15 53	15 53	12 12	16 49	6 19			
S 16	18 40	17 42	4 54	25 4	2 27	25 20	1 53	22 36	1 36	15 3	1 18	6 31	2 17	22 37	0 25	7 17	1 38	22 31	9 17	15 56	15 54	12 9	16 49	6 19			
M17	18 55	21 58	5 0	25 1	2 21	25 21	1 55	22 27	1 36	15 1	1 18	6 33	2 17	22 37	0 25	7 18	1 38	22 31	9 17	16 0	15 54	12 6	16 49	6 19			
T 18	19 10	25 10	4 50	24 57	2 14	25 22	1 56	22 18	1 35	14 59	1 18	6 36	2 17	22 37	0 25	7 19	1 38	22 31	9 17	16 4	15 55	12 3	16 49	6 18			
W19	19 24	26 58	4 22	24 49	2 5	25 21	1 58	22 8	1 34	14 57	1 18	6 38	2 18	22 37	0 25	7 19	1 38	22 31	9 18	16 8	15 56	12 0	16 49	6 18			
T 20	19 38	27 6	3 39	24 40	1 55	25 21	2 0	21 58	1 34	14 55	1 18	6 40	2 18	22 38	0 26	7 20	1 38	22 32	9 18	16 10	15 57	11 57	16 49	6 18			
F 21	19 52	25 30	2 42	24 28	1 43	25 19	2 1	21 48	1 33	14 53	1 18	6 42	2 18	22 38	0 26	7 21	1 38	22 32	9 18	16 12	15 58	11 53	16 48	6 18			
S 22	20 5	22 18	1 35	24 14	1 30	25 16	2 2	21 38	1 32	14 51	1 17	6 45	2 18	22 38	0 26	7 21	1 38	22 32	9 19	16 13	15 59	11 50	16 48	6 17			
S 23	20 18	17 46	0 22	23 57	1 15	25 13	2 4	21 27	1 32	14 49	1 17	6 47	2 18	22 38	0 26	7 22	1 38	22 33	9 19	16 14	16 0	11 47	16 48	6 17			
M24	20 30	12 15	0n53	23 37	0 59	25 9	2 5	21 16	1 31	14 47	1 17	6 49	2 18	22 39	0 26	7 23	1 38	22 33	9 19	16 14	16 1	11 44	16 48	6 17			
T 25	20 42	6 7	2 4	23 15	0 41	25 5	2 6	21 5	1 30	14 45	1 17	6 51	2 18	22 39	0 26	7 23	1 38	22 33	9 20	16 14	16 2	11 41	16 48	6 17			
W26	20 54	0n17	3 8	22 50	0 23	24 59	2 7	20 54	1 29	14 43	1 17	6 53	2 19	22 39	0 26	7 24	1 38	22 34	9 20	16 14	16 3	11 38	16 48	6 16			
T 27	21 5	6 38	4 0	22 22	0 3	24 53	2 8	20 43	1 29	14 41	1 16	6 55	2 19	22 39	0 26	7 24	1 38	22 34	9 20	16 15	16 4	11 35	16 48	6 16			
F 28	21 16	12 38	4 37	21 52	0n18	24 47	2 9	20 31	1 28	14 39	1 16	6 58	2 19	22 39	0 26	7 25	1 38	22 34	9 21	16 17	16 5	11 32	16 48	6 16			
S 29	21 26	17 56	4 58	21 21	0 38	24 39	2 10	20 19	1 27	14 37	1 16	7 0	2 19	22 40	0 26	7 26	1 38	22 35	9 21	16 20	16 6	11 29	16 47	6 16			
S 30	21s36	22n16	5n 2	20s49	0n58	24s31	2s11	20s 7	1s27	14n35	1s16	7s 2	2n19	22n40	0n26	7s26	1n38	22n35	9n21	16s23	16s 7	11n26	16s47	6n15			

ASTRODIENST EPHEMERIS for the year 1952  
geocentric

DECEMBER 1952

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 39 10	8♂44'49	2♂17	7°R25	18♂19	7♂ 0	13°R 2	23♂45	17°R56	23♂ 4	23°R16	14°R39	15♂43	27♂27	10♂40	M 1
T 2	4 43 7	9°45'39	15°27	6♂ 4	19°31	7°46	12♂56	23°51	17♂54	23° 5	23♂15	14♂28	15°40	27°33	10°45	T 2
W 3	4 47 3	10°46'29	28°20	4°47	20°43	8°32	12°49	23°56	17°52	23° 7	23°15	14°18	15°37	27°40	10°51	W 3
T 4	4 51 0	11°47'20	10♂55	3°38	21°55	9°18	12°43	24° 2	17°51	23° 9	23°15	14°11	15°34	27°47	10°56	T 4
F 5	4 54 57	12°48'13	23°14	2°37	23° 7	10° 4	12°37	24° 8	17°49	23°10	23°15	14° 6	15°31	27°53	11° 1	F 5
S 6	4 58 53	13°49'07	5♂19	1°47	24°18	10°50	12°31	24°13	17°47	23°12	23°14	14° 4	15°27	28° 0	11° 7	S 6
S 7	5 2 50	14°50'02	17°14	1° 7	25°30	11°36	12°25	24°19	17°45	23°13	23°14	14°D 3	15°24	28° 7	11°12	S 7
M 8	5 6 46	15°50'58	29° 2	0°39	26°42	12°22	12°20	24°24	17°42	23°15	23°14	14° 4	15°21	28°13	11°18	M 8
T 9	5 10 43	16°51'56	10♂50	0°22	27°53	13° 8	12°14	24°30	17°40	23°16	23°13	14° 5	15°18	28°20	11°23	T 9
W10	5 14 39	17°52'54	22°43	0°D16	29° 5	13°54	12° 9	24°35	17°38	23°18	23°13	14°R 5	15°15	28°27	11°29	W10
T 11	5 18 36	18°53'54	4♂45	0°21	0♂16	14°40	12° 4	24°41	17°36	23°19	23°12	14° 3	15°11	28°33	11°35	T 11
F 12	5 22 32	19°54'55	17° 2	0°35	1°28	15°26	11°59	24°46	17°34	23°21	23°12	14° 0	15° 8	28°40	11°40	F 12
S 13	5 26 29	20°55'56	29°39	0°57	2°39	16°12	11°54	24°51	17°32	23°22	23°11	13°54	15° 5	28°47	11°46	S 13
S 14	5 30 26	21°56'59	12♂39	1°28	3°50	16°58	11°50	24°56	17°29	23°24	23°11	13°46	15° 2	28°53	11°52	S 14
M15	5 34 22	22°58'03	26° 2	2° 5	5° 1	17°45	11°45	25° 1	17°27	23°25	23°10	13°37	14°59	29° 0	11°57	M15
T 16	5 38 19	23°59'08	9♂47	2°49	6°12	18°31	11°41	25° 6	17°25	23°26	23°10	13°28	14°56	29° 6	12° 3	T 16
W17	5 42 15	25° 0'14	23°53	3°39	7°23	19°17	11°37	25°11	17°23	23°28	23° 9	13°20	14°52	29°13	12° 9	W17
T 18	5 46 12	26° 1'20	8♂13	4°33	8°34	20° 3	11°33	25°16	17°20	23°29	23° 8	13°13	14°49	29°20	12°14	T 18
F 19	5 50 8	27° 2'27	22°43	5°32	9°45	20°49	11°30	25°20	17°18	23°30	23° 8	13° 9	14°46	29°26	12°20	F 19
S 20	5 54 5	28° 3'34	7♂15	6°35	10°56	21°36	11°26	25°25	17°15	23°31	23° 7	13°D 8	14°43	29°33	12°26	S 20
S 21	5 58 1	29° 4'41	21°44	7°40	12° 6	22°22	11°23	25°29	17°13	23°32	23° 6	13° 8	14°40	29°40	12°32	S 21
M22	6 1 58	0♂ 5'49	6♂ 7	8°49	13°16	23° 8	11°20	25°34	17°11	23°34	23° 6	13° 9	14°37	29°46	12°38	M22
T 23	6 5 55	1° 6'56	20°20	10° 0	14°27	23°54	11°17	25°38	17° 8	23°35	23° 5	13°10	14°33	29°53	12°43	T 23
W24	6 9 51	2° 8'04	4♂22	11°14	15°37	24°41	11°14	25°43	17° 6	23°36	23° 4	13°R11	14°30	29°59	12°49	W24
T 25	6 13 48	3° 9'12	18°12	12°29	16°47	25°27	11°12	25°47	17° 3	23°37	23° 3	13°10	14°27	0♂ 6	12°55	T 25
F 26	6 17 44	4°10'19	1♂50	13°47	17°57	26°13	11°10	25°51	17° 1	23°38	23° 2	13° 7	14°24	0°13	13° 1	F 26
S 27	6 21 41	5°11'27	15°15	15° 6	19° 7	27° 0	11° 8	25°55	16°58	23°39	23° 1	13° 2	14°21	0°20	13° 7	S 27
S 28	6 25 37	6°12'35	28°28	16°26	20°16	27°46	11° 6	25°59	16°56	23°40	23° 1	12°56	14°17	0°26	13°13	S 28
M29	6 29 34	7°13'43	11♂29	17°47	21°26	28°32	11° 4	26° 3	16°53	23°41	23° 0	12°49	14°14	0°33	13°18	M29
T 30	6 33 31	8°14'52	24°16	19°10	22°35	29°18	11° 3	26° 6	16°50	23°42	22°59	12°43	14°11	0°40	13°24	T 30
W31	6 37 27	9♂16'00	6♂51	20♂33	23♂45	0♂ 5	11♂ 2	26♂10	16♂48	23♂43	22♂58	12♂38	14♂ 8	0♂46	13♂30	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	21s46	25n20	4n48	20s17	1n18	24s22	2s12	19s55	1s26	14n33	1s16	7s 4	2n19	22n40	0n26	7s27
T 2	21 55	26 58	4 20	19 46	1 36	24 12	2 12	19 42	1 25	14 32	1 15	7 6	2 20	22 41	0 26	7 27
W 3	22 4	27 5	3 39	19 16	1 52	24 2	2 13	19 30	1 24	14 30	1 15	7 8	2 20	22 41	0 26	7 28
T 4	22 12	25 47	2 47	18 49	2 6	23 51	2 13	19 17	1 24	14 28	1 15	7 10	2 20	22 41	0 26	7 29
F 5	22 20	23 14	1 49	18 26	2 18	23 39	2 13	19 4	1 23	14 27	1 15	7 11	2 20	22 41	0 26	7 29
S 6	22 28	19 42	0 47	18 6	2 28	23 27	2 13	18 50	1 22	14 25	1 14	7 13	2 20	22 42	0 26	7 30
S 7	22 35	15 24	0s17	17 51	2 36	23 14	2 14	18 37	1 21	14 24	1 14	7 15	2 20	22 42	0 26	7 30
M 8	22 42	10 34	1 20	17 40	2 41	23 0	2 14	18 23	1 21	14 22	1 14	7 17	2 21	22 42	0 26	7 31
T 9	22 48	5 22	2 19	17 33	2 45	22 46	2 13	18 9	1 20	14 21	1 14	7 19	2 21	22 43	0 26	7 31
W10	22 54	0s 3	3 12	17 30	2 47	22 31	2 13	17 55	1 19	14 19	1 13	7 21	2 21	22 43	0 26	7 32
T 11	22 59	5 32	3 58	17 31	2 47	22 16	2 13	17 41	1 18	14 18	1 13	7 22	2 21	22 43	0 26	7 32
F 12	23 4	10 55	4 34	17 35	2 45	22 0	2 12	17 27	1 18	14 17	1 13	7 24	2 21	22 43	0 26	7 33
S 13	23 8	15 59	4 57	17 42	2 43	21 43	2 12	17 12	1 17	14 16	1 13	7 26	2 22	22 44	0 26	7 33
S 14	23 12	20 30	5 7	17 52	2 39	21 26	2 11	16 58	1 16	14 14	1 12	7 27	2 22	22 44	0 26	7 34
M15	23 16	24 7	5 0	18 4	2 35	21 8	2 11	16 43	1 15	14 13	1 12	7 29	2 22	22 44	0 26	7 34
T 16	23 19	26 28	4 35	18 17	2 29	20 49	2 10	16 28	1 14	14 12	1 12	7 31	2 22	22 45	0 26	7 35
W17	23 21	27 12	3 54	18 32	2 23	20 30	2 9	16 13	1 14	14 11	1 11	7 32	2 22	22 45	0 26	7 35
T 18	23 23	26 8	2 57	18 49	2 17	20 11	2 8	15 57	1 13	14 10	1 11	7 34	2 23	22 45	0 26	7 35
F 19	23 25	23 19	1 48	19 6	2 10	19 51	2 6	15 42	1 12	14 10	1 11	7 35	2 23	22 46	0 26	7 36
S 20	23 26	18 59	0 32	19 24	2 3	19 30	2 5	15 26	1 11	14 9	1 11	7 37	2 23	22 46	0 26	7 36
S 21	23 27	13 32	0n47	19 42	1 55	19 9	2 4	15 10	1 10	14 8	1 10	7 38	2 23	22 46	0 26	7 37
M22	23 27	7 23	2 1	20 0	1 48	18 48	2 2	14 54	1 10	14 7	1 10	7 40	2 23	22 47	0 26	7 37
T 23	23 27	0 57	3 8	20 19	1 40	18 26	2 1	14 38	1 9	14 7	1 10	7 41	2 24	22 47	0 26	7 37
W24	23 26	5n27	4 2	20 37	1 32	18 3	1 59	14 22	1 8	14 6	1 9	7 42	2 24	22 47	0 26	7 38
T 25	23 25	11 29	4 42	20 55	1 24	17 40	1 57	14 6	1 7	14 6	1 9	7 44	2 24	22 48	0 26	7 38
F 26	23 23	16 52	5 5	21 13	1 15	17 17	1 55	13 49	1 6	14 5	1 9	7 45	2 24	22 48	0 26	7 38
S 27	23 21	21 21	5 10	21 30	1 7	16 53	1 53	13 33	1 6	14 5	1 9	7 46	2 25	22 48	0 26	7 39
S 28	23 18	24 41	4 59	21 46	0 59	16 29	1 51	13 16	1 5	14 5	1 8	7 47	2 25	22 49	0 26	7 39
M29	23 15	26 40	4 33	22 2	0 51	16 4	1 48	12 59	1 4	14 5	1 8	7 48	2 25	22 49	0 26	7 39
T 30	23 11	27 12	3 53	22 18	0 43	15 39	1 46	12 42	1 3	14 4	1 8	7 50	2 25	22 49	0 26	7 39
W31	23s 7	26n19	3n 3	22s32	0n35	15s14	1s43	12s25	1s 2	14n 4	1s 7	7s51	2n26	22n50	0n26	7s40

Julian Day Number = 2434347.5, Delta T = 30.14 sec  
Ecliptic obliquity = 23°26'50, Nutation = 0°00'11, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 24°04'58, Lahiri = 23°11'58