



Astrodienst Ephemeris Tables for the year 1552

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 1552

geocentric

JANUARY 1552 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	7 17 21	19°34'12	17°44	9°15	4°R27	13°345	29°R42	20°21	12°50	8°R 6	27°54	27°52	29°21	5°16	2°R52	F 1	
S 2	7 21 18	20°50'19	29°59	10°49	4°2	14°32	29°34	20°27	12°50	8°R 6	27°56	27°54	29°18	5°23	2°R47	S 2	
S 3	7 25 14	21°51'25	12°Y 1	12°23	3°40	15°18	29°26	20°34	12°51	8° 6	27°57	27°56	29°15	5°30	2°43	S 3	
M 4	7 29 11	22°52'31	23°55	13°59	3°21	16° 5	29°18	20°41	12°51	8° 6	27°59	27°R56	29°12	5°36	2°39	M 4	
T 5	7 33 7	23°53'35	5°B46	15°34	3° 3	16°51	29°10	20°47	12°51	8° 6	28° 0	27°55	29° 8	5°43	2°34	T 5	
W 6	7 37 4	24°54'39	17°40	17°11	2°48	17°37	29° 2	20°54	12°51	8° 5	28° 1	27°53	29° 5	5°50	2°30	W 6	
T 7	7 41 1	25°55'41	29°39	18°47	2°36	18°24	28°54	21° 1	12°51	8° 5	28° 3	27°49	29° 2	5°57	2°25	T 7	
F 8	7 44 57	26°56'43	11°II49	20°25	2°26	19°10	28°46	21° 8	12°R51	8° 5	28° 4	27°44	28°59	6° 3	2°21	F 8	
S 9	7 48 54	27°57'44	24°13	22° 3	2°18	19°57	28°38	21°15	12°51	8°D 5	28° 6	27°39	28°56	6°10	2°16	S 9	
S 10	7 52 50	28°58'43	6°51	23°42	2°13	20°44	28°30	21°22	12°51	8° 5	28° 7	27°34	28°53	6°17	2°11	S 10	
M11	7 56 47	29°59'42	19°46	25°21	2°11	21°30	28°22	21°29	12°51	8° 5	28° 9	27°29	28°49	6°23	2° 7	M11	
T 12	8 0 43	1°00'40	2°57	27° 1	2°D11	22°17	28°14	21°35	12°51	8° 5	28°10	27°26	28°46	6°30	2° 2	T 12	
W13	8 4 40	2° 1'37	16°22	28°42	2°13	23° 4	28° 6	21°42	12°50	8° 6	28°12	27°24	28°43	6°37	1°58	W13	
T 14	8 8 36	3° 2'32	0°0	0°23	2°18	23°50	27°58	21°49	12°50	8° 6	28°13	27°D24	28°40	6°44	1°53	T 14	
F 15	8 12 33	4° 3'27	13°49	2° 5	2°25	24°37	27°50	21°56	12°50	8° 6	28°15	27°24	28°37	6°50	1°49	F 15	
S 16	8 16 30	5° 4'21	27°46	3°48	2°34	25°24	27°42	22° 4	12°49	8° 6	28°16	27°26	28°33	6°57	1°44	S 16	
S 17	8 20 26	6° 5'15	11°50	5°31	2°46	26°10	27°34	22°11	12°49	8° 6	28°18	27°27	28°30	7° 4	1°39	S 17	
M18	8 24 23	7° 6'07	25°58	7°15	2°59	26°57	27°26	22°18	12°48	8° 7	28°20	27°28	28°27	7°10	1°35	M18	
T 19	8 28 19	8° 6'59	10°18	8° 0	3°15	27°44	27°19	22°25	12°48	8° 7	28°21	27°R29	28°24	7°17	1°30	T 19	
W20	8 32 16	9° 7'50	24°19	10°45	3°33	28°31	27°11	22°32	12°47	8° 7	28°23	27°28	28°21	7°24	1°26	W20	
T 21	8 36 12	10° 8'40	8°29	12°31	3°53	29°18	27° 3	22°39	12°46	8° 8	28°24	27°27	28°18	7°31	1°21	T 21	
F 22	8 40 9	11° 9'29	22°34	14°18	4°15	0°5	26°56	22°46	12°46	8° 8	28°26	27°25	28°14	7°37	1°17	F 22	
S 23	8 44 5	12°10'17	6°32	16° 6	4°38	0°52	26°48	22°53	12°45	8° 9	28°28	27°22	28°11	7°44	1°12	S 23	
S 24	8 48 2	13°11'04	20°19	17°54	5° 4	1°39	26°41	23° 1	12°44	8° 9	28°29	27°20	28° 8	7°51	1° 8	S 24	
M25	8 51 59	14°11'50	3°53	19°42	5°31	2°26	26°33	23° 8	12°43	8°10	28°31	27°19	28° 5	7°57	1° 3	M25	
T 26	8 55 55	15°12'34	17°12	21°31	5°59	3°12	26°26	23°15	12°42	8°10	28°32	27°18	28° 2	8° 4	0°59	T 26	
W27	8 59 52	16°13'17	0°15	23°21	6°30	3°59	26°19	23°22	12°41	8°11	28°34	27°D18	27°59	8°11	0°55	W27	
T 28	9 3 48	17°13'58	13° 0	25°10	7° 1	4°46	26°12	23°30	12°40	8°11	28°36	27°18	27°55	8°18	0°50	T 28	
F 29	9 7 45	18°14'38	25°29	27° 0	7°35	5°33	26° 5	23°37	12°39	8°12	28°37	27°19	27°52	8°24	0°46	F 29	
S 30	9 11 41	19°15'17	7°43	28°50	8° 9	6°21	25°58	23°44	12°38	8°13	28°39	27°20	27°49	8°31	0°42	S 30	
S 31	9 15 38	20°15'53	19°46	0°39	8°345	7°8	25°51	23°51	12°37	8°14	28°41	27°21	27°46	8°38	0°38	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
F 1	22s 2	6s29	1s46	24s27	1s17	17s30	5n56	23s40	0s53	20n51	0n37	15s57	1s17	4s27	0n41	12n31	1s50	23s26	12s 0	12n14	11n44	8n53	12n 4	7s41			
S 2	21 53	2 33	2 46	24 25	1 22	17 24	6 2	23 35	0 53	20 53	0 37	15 55	1 17	4 27	0 41	12 31	1 50	23 26	12 0	12 14	11 45	8 54	12 5	7 42			
S 3	21 43	1n25	3 38	24 22	1 27	17 18	6 8	23 30	0 54	20 55	0 37	15 53	1 17	4 27	0 41	12 31	1 50	23 25	12 0	12 13	11 46	8 56	12 6	7 42			
M 4	21 33	5 17	4 19	24 17	1 32	17 14	6 13	23 25	0 54	20 57	0 37	15 51	1 17	4 27	0 41	12 31	1 50	23 25	11 59	12 13	11 47	8 58	12 7	7 42			
T 5	21 23	8 56	4 49	24 11	1 36	17 10	6 18	23 20	0 55	20 59	0 37	15 48	1 17	4 27	0 41	12 31	1 49	23 24	11 59	12 13	11 48	9 0	12 8	7 42			
W 6	21 12	12 13	5 7	24 3	1 40	17 6	6 22	23 14	0 55	21 0	0 37	15 46	1 17	4 27	0 41	12 31	1 49	23 23	11 59	12 14	11 49	9 2	12 8	7 42			
T 7	21 1	15 3	5 12	23 54	1 44	17 3	6 25	23 9	0 55	21 2	0 37	15 44	1 17	4 27	0 41	12 31	1 49	23 23	11 59	12 16	11 50	9 4	12 9	7 42			
F 8	20 49	17 15	5 3	23 43	1 48	17 1	6 27	23 2	0 56	21 4	0 37	15 42	1 17	4 27	0 41	12 31	1 49	23 22	11 59	12 17	11 51	9 6	12 10	7 42			
S 9	20 37	18 43	4 39	23 31	1 51	16 59	6 29	22 56	0 56	21 6	0 38	15 40	1 17	4 27	0 41	12 31	1 49	23 21	11 59	12 19	11 52	9 7	12 11	7 42			
S 10	20 25	19 17	4 2	23 17	1 54	16 58	6 31	22 49	0 57	21 8	0 38	15 38	1 17	4 27	0 41	12 31	1 49	23 21	11 59	12 21	11 54	9 9	12 12	7 42			
M 11	20 12	18 52	3 12	23 2	1 56	16 57	6 31	22 43	0 57	21 9	0 38	15 35	1 17	4 27	0 41	12 31	1 49	23 20	11 59	12 22	11 55	9 11	12 13	7 42			
T 12	19 59	17 26	2 10	22 45	1 59	16 57	6 31	22 35	0 57	21 11	0 38	15 33	1 17	4 27	0 41	12 31	1 49	23 20	11 58	12 24	11 56	9 13	12 14	7 42			
W 13	19 45	15 1	1 0	22 26	2 1	16 58	6 31	22 28	0 58	21 13	0 38	15 31	1 17	4 27	0 41	12 31	1 49	23 19	11 58	12 24	11 57	9 15	12 15	7 42			
T 14	19 31	11 43	0n14	22 6	2 2	16 58	6 30	22 20	0 58	21 14	0 38	15 29	1 17	4 27	0 42	12 31	1 49	23 18	11 58	12 24	11 58	9 17	12 16	7 42			
F 15	19 17	7 45	1 29	21 45	2 3	16 59	6 29	22 12	0 58	21 16	0 38	15 26	1 17	4 26	0 42	12 31	1 49	23 18	11 58	12 24	11 59	9 19	12 17	7 42			
S 16	19 3	3 20	2 40	21 21	2 4	17 1	6 27	22 4	0 59	21 18	0 38	15 24	1 17	4 26	0 42	12 32	1 49	23 17	11 58	12 24	12 0	9 20	12 18	7 42			
S 17	18 48	1s18	3 41	20 57	2 4	17 3	6 25	21 56	0 59	21 20	0 39	15 22	1 17	4 26	0 42	12 32	1 49	23 16	11 58	12 23	12 1	9 22	12 19	7 42			
M 18	18 32	5 52	4 29	20 30	2 4	17 5	6 23	21 47	0 59	21 21	0 39	15 19	1 17	4 26	0 42	12 32	1 49	23 16	11 58	12 23	12 2	9 24	12 20	7 42			
T 19	18 17	10 7	5 1	20 2	2 4	17 7	6 20	21 38	1 0	21 23	0 39	15 17	1 17	4 26	0 42	12 32	1 49	23 15	11 58	12 23	12 3	9 26	12 21	7 42			
W 20	18 1	13 48	5 15	19 33	2 3	17 10	6 17	21 29	1 0	21 24	0 39	15 15	1 17	4 25	0 42	12 32	1 49	23 14	11 58	12 23	12 5	9 28	12 22	7 42			
T 21	17 45	16 40	5 10	19 1	2 1	17 13	6 14	21 20	1 0	21 26	0 39	15 13	1 17	4 25	0 42	12 32	1 48	23 14	11 58	12 23	12 6	9 30	12 23	7 42			
F 22	17 28	18 32	4 46	18 29	1 59	17 16	6 10	21 10	1 1	21 28	0 39	15 10	1 17	4 25	0 42	12 33	1 48	23 13	11 58	12 24	12 7	9 32	12 25	7 42			
S 23	17 11	19 15	4 5	17 54	1 57	17 19	6 6	21 0	1 1	21 29	0 39	15 8	1 17	4 24	0 42	12 33	1 48	23 13	11 58	12 25	12 8	9 33	12 26	7 41			
S 24	16 54	18 49	3 11	17 18	1 54	17 22	6 2	20 50	1 1	21 31	0 39	15 6	1 17	4 24	0 42	12 33	1 48	23 12	11 58	12 25	12 9	9 35	12 27	7 41			
M 25	16 36	17 17	2 6	16 41	1 50	17 25	5 58	20 40	1 1	21 32	0 39	15 3	1 17	4 24	0 42	12 33	1 48	23 11	11 58	12 26	12 10	9 37	12 28	7 41			
T 26	16 19	14 50	0 56	16 2	1 46	17 29	5 53	20 29	1 2	21 34	0 39	15 1	1 17	4 23	0 42	12 33	1 48	23 11	11 58	12 26	12 11	9 39	12 29	7 41			
W 27	16 1	11 40	0s16	15 21	1 41	17 32	5 48	20 18	1 2	21 35	0 39	14 59	1 17	4 23	0 42	12 34	1 48	23 10	11 58	12 26	12 12	9 41	12 30	7 41			
T 28	15 42	8 1	1 26	14 40	1 36	17 36	5 43	20 7	1 2	21 36	0 40	14 56	1 17	4 22	0 42	12 34	1 48	23 10	11 58	12 26	12 13	9 43	12 31	7 40			
F 29	15 24	4 6	2 30	13 57	1 30	17 39	5 38	19 56	1 3	21 38	0 40	14 54	1 17	4 22	0 42	12 34	1 48	23 9	11 58	12 26	12 14	9 44	12 33	7 40			
S 30	15 5	0 5	3 26	13 12	1 23	17 42	5 33	19 45	1 3	21 39	0 40	14 51	1 17	4 21	0 42	12 35	1 48	23 8	11 58	12 26	12 16	9 46	12 34	7 40			
S 31	14s46	3n52	4s12	12s27	1s15	17s45	5n28	19s33	1s 3	21n41	0n40	14s49	1s17	4s21	0n42	12n35	1s48	23s 8	11s58	12n25	12n17	9n48	12n35	7s39			

ASTRODIENST EPHEMERIS for the year 1552

geocentric

MARCH 1552 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	11 13 54	20 ^h 20'28"	21 ^h 33'	21°R11	3 ^h 48'	0 ^h 42'	23°R39	27 ^h 26'	11°R41	8 ^h 50'	29 ^h 30'	27°R 5	26 ^h 10'	11 ^h 59'	29°R 1	T 1
W 2	11 17 51	21°20'09"	3 ^h 26'	20 ^h 16'	4°48'	1°29'	23 ^h 37'	27°33'	11 ^h 39'	8°52'	29°32'	27 ^h 3	26° 7	12° 6	28 ^h 59'	W 2
T 3	11 21 48	22°19'47"	15°23'	19°20'	5°47'	2°16'	23°36'	27°40'	11°37'	8°53'	29°33'	27° 2	26° 4	12°13	28°58	T 3
F 4	11 25 44	23°19'22"	27°30'	18°25'	6°48'	3° 3	23°35'	27°47'	11°34'	8°55'	29°35'	27°D 2	26° 1	12°19	28°56	F 4
S 5	11 29 41	24°18'56"	9 ^h 52'	17°32'	7°48'	3°50'	23°34'	27°54'	11°32'	8°57'	29°36'	27° 2	25°58	12°26	28°54	S 5
S 6	11 33 37	25°18'27"	22°32'	16°42'	8°49'	4°37'	23°33'	28° 0	11°29'	8°58'	29°38'	27° 4	25°55	12°33	28°53	S 6
M 7	11 37 34	26°17'55"	5 ^h 34'	15°55'	9°50'	5°24'	23°32'	28° 7	11°27'	9° 0	29°39'	27° 6	25°51	12°39	28°51	M 7
T 8	11 41 30	27°17'22"	19° 2	15°13'	10°52'	6°11'	23°32'	28°14'	11°24'	9° 2	29°41'	27° 7	25°48	12°46	28°50	T 8
W 9	11 45 27	28°16'46"	2 ^h 56'	14°36'	11°53'	6°59'	23°31'	28°20'	11°22'	9° 4	29°42'	27°R 7	25°45	12°53	28°49	W 9
T 10	11 49 23	29°16'08"	17°15'	14° 4	12°55'	7°46'	23°D31	28°27'	11°19'	9° 5	29°44'	27° 5	25°42	13° 0	28°48	T 10
F 11	11 53 20	0 ^h 15'28"	1 ^h 54'	13°38'	13°58'	8°33'	23°31'	28°34'	11°17'	9° 7	29°45'	27° 2	25°39	13° 6	28°47	F 11
S 12	11 57 17	1°14'45"	16°47'	13°18'	15° 1	9°20'	23°32'	28°40'	11°14'	9° 9	29°47'	26°58	25°36	13°13	28°46	S 12
S 13	12 1 13	2°14'01"	1 ^h 46'	13° 3	16° 3	10° 6	23°32'	28°47'	11°12'	9°11'	29°48'	26°53	25°32	13°20	28°45	S 13
M14	12 5 10	3°13'15"	16°41'	12°55'	17° 7	10°53'	23°33'	28°53'	11° 9	9°13'	29°50'	26°48	25°29	13°27	28°44	M14
T 15	12 9 6	4°12'27"	1 ^h 25'	12°D52	18°10'	11°40'	23°34'	29° 0	11° 7	9°15'	29°51'	26°43	25°26	13°33	28°43	T 15
W16	12 13 3	5°11'37"	15°51'	12°54'	19°14'	12°27'	23°35'	29° 6	11° 4	9°17'	29°53'	26°40	25°23	13°40	28°43	W16
T 17	12 16 59	6°10'46"	29°56'	13° 3	20°18'	13°14'	23°36'	29°12'	11° 2	9°19'	29°54'	26°39	25°20	13°47	28°43	T 17
F 18	12 20 56	7° 9'53"	13 ^h 34'	13°16'	21°22'	14° 1	23°37'	29°18'	10°59'	9°21'	29°55'	26°D39	25°16	13°53	28°42	F 18
S 19	12 24 52	8° 8'58"	27° 4	13°34'	22°27'	14°48'	23°39'	29°25'	10°57'	9°23'	29°57'	26°40	25°13	14° 0	28°42	S 19
S 20	12 28 49	9° 8'01"	10 ^h 8'	13°57'	23°31'	15°35'	23°41'	29°31'	10°54'	9°25'	29°58'	26°41	25°10	14° 7	28°D42	S 20
M21	12 32 46	10° 7'03"	22°57'	14°25'	24°36'	16°22'	23°43'	29°37'	10°51'	9°27'	29°59'	26°R42	25° 7	14°14	28°42	M21
T 22	12 36 42	11° 6'02"	5 ^h 32'	14°57'	25°41'	17° 8	23°45'	29°43'	10°49'	9°29'	0 ^h 1	26°42	25° 4	14°20	28°42	T 22
W23	12 40 39	12° 5'00"	17°56'	15°34'	26°46'	17°55'	23°47'	29°49'	10°46'	9°31'	0° 2	26°39	25° 1	14°27	28°42	W23
T 24	12 44 35	13° 3'56"	0 ^h 11'	16°14'	27°52'	18°42'	23°50'	29°55'	10°44'	9°33'	0° 3	26°35	24°57	14°34	28°43	T 24
F 25	12 48 32	14° 2'49"	12°18'	16°58'	28°57'	19°29'	23°52'	0 ^h 1	10°41'	9°35'	0° 5	26°28	24°54	14°40	28°43	F 25
S 26	12 52 28	15° 1'41"	24°19'	17°45'	0 ^h 3	20°15'	23°55'	0° 7	10°38'	9°37'	0° 6	26°20	24°51	14°47	28°44	S 26
S 27	12 56 25	16° 0'31"	6 ^h 15'	18°36'	1° 9	21° 2	23°58'	0°13'	10°36'	9°39'	0° 7	26°10	24°48	14°54	28°44	S 27
M28	13 0 21	16°59'18"	18° 8	19°29'	2°15'	21°49'	24° 1	0°19'	10°33'	9°41'	0° 8	26° 0	24°45	15° 1	28°45	M28
T 29	13 4 18	17°58'04"	29°59'	20°26'	3°22'	22°35'	24° 5	0°24'	10°31'	9°43'	0°10	25°51	24°41	15° 7	28°46	T 29
W30	13 8 14	18°56'47"	11 ^h 52'	21°26'	4°28'	23°22'	24° 8	0°30'	10°28'	9°45'	0°11	25°43	24°38	15°14	28°47	W30
T 31	13 12 11	19°55'28"	23 ^h 49'	22 ^h 29'	5 ^h 35'	24 ^h 9'	24°12'	0 ^h 35'	10°26'	9°47'	0 ^h 12	25°38	24°35	15°21	28°48	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	3s50	13n10	5s13	0s16	3n31	17s 5	2n20	12s18	1s 7	22n 5	0n41	13s38	1s20	3s59	0n43	12n48
W 2	3 27	15 47	5 12	0 44	3 24	16 57	2 13	12 1	1 7	22 5	0 41	13 36	1 20	3 58	0 43	12 49
T 3	3 3	17 45	4 58	1 13	3 16	16 49	2 7	11 44	1 8	22 6	0 41	13 34	1 20	3 57	0 43	12 49
F 4	2 39	18 57	4 31	1 44	3 6	16 40	2 1	11 27	1 8	22 6	0 41	13 32	1 20	3 56	0 43	12 50
S 5	2 16	19 18	3 51	2 15	2 55	16 31	1 55	11 10	1 8	22 6	0 41	13 29	1 20	3 55	0 43	12 50
S 6	1 52	18 41	2 58	2 46	2 43	16 21	1 49	10 53	1 8	22 6	0 41	13 27	1 20	3 54	0 43	12 51
M 7	1 28	17 3	1 55	3 16	2 29	16 11	1 43	10 36	1 8	22 6	0 41	13 25	1 21	3 53	0 43	12 51
T 8	1 5	14 27	0 44	3 46	2 15	16 0	1 37	10 18	1 8	22 6	0 41	13 23	1 21	3 52	0 43	12 52
W 9	0 41	10 57	0n32	4 14	2 0	15 49	1 31	10 1	1 8	22 6	0 41	13 20	1 21	3 51	0 43	12 53
T 10	0 17	6 42	1 48	4 40	1 45	15 37	1 25	9 43	1 8	22 6	0 41	13 18	1 21	3 50	0 43	12 53
F 11	0n 6	1 58	2 59	5 4	1 30	15 25	1 19	9 26	1 7	22 6	0 40	13 16	1 21	3 49	0 43	12 54
S 12	0 30	2s57	3 58	5 26	1 14	15 12	1 13	9 8	1 7	22 6	0 40	13 14	1 21	3 48	0 43	12 55
S 13	0 53	7 42	4 42	5 46	0 59	14 59	1 8	8 50	1 7	22 6	0 40	13 12	1 21	3 47	0 43	12 55
M14	1 17	11 58	5 6	6 4	0 43	14 46	1 2	8 32	1 7	22 6	0 40	13 10	1 21	3 46	0 43	12 56
T 15	1 41	15 26	5 10	6 19	0 28	14 32	0 56	8 14	1 7	22 6	0 40	13 8	1 22	3 45	0 43	12 56
W16	2 4	17 52	4 54	6 31	0 14	14 17	0 51	7 56	1 7	22 6	0 40	13 5	1 22	3 44	0 43	12 57
T 17	2 28	19 10	4 20	6 41	0s 0	14 2	0 45	7 38	1 7	22 6	0 40	13 3	1 22	3 43	0 43	12 58
F 18	2 51	19 16	3 32	6 48	0 14	13 47	0 40	7 20	1 7	22 5	0 40	13 1	1 22	3 42	0 43	12 58
S 19	3 14	18 17	2 34	6 54	0 27	13 31	0 35	7 2	1 7	22 5	0 40	12 59	1 22	3 41	0 43	12 59
S 20	3 38	16 19	1 29	6 56	0 40	13 15	0 29	6 44	1 7	22 5	0 40	12 57	1 22	3 40	0 43	13 0
M21	4 1	13 35	0 20	6 57	0 52	12 58	0 24	6 25	1 7	22 4	0 40	12 55	1 22	3 39	0 43	13 0
T 22	4 24	10 15	0s48	6 55	1 3	12 41	0 19	6 7	1 7	22 4	0 40	12 53	1 23	3 38	0 43	13 1
W23	4 47	6 30	1 52	6 51	1 14	12 24	0 14	5 48	1 7	22 3	0 40	12 51	1 23	3 37	0 43	13 2
T 24	5 10	2 32	2 51	6 44	1 24	12 6	0 9	5 30	1 6	22 3	0 40	12 49	1 23	3 36	0 43	13 2
F 25	5 33	1n29	3 41	6 36	1 34	11 48	0 4	5 11	1 6	22 3	0 40	12 47	1 23	3 35	0 43	13 3
S 26	5 56	5 25	4 20	6 26	1 43	11 29	0s 0	4 53	1 6	22 2	0 40	12 45	1 23	3 34	0 43	13 4
S 27	6 19	9 6	4 48	6 14	1 51	11 10	0 5	4 34	1 6	22 1	0 40	12 43	1 23	3 33	0 43	13 4
M28	6 41	12 25	5 3	6 0	1 59	10 51	0 10	4 16	1 6	22 1	0 40	12 41	1 23	3 32	0 43	13 5
T 29	7 4	15 13	5 5	5 44	2 6	10 31	0 14	3 57	1 6	22 0	0 40	12 40	1 24	3 31	0 43	13 6
W30	7 26	17 24	4 54	5 26	2 13	10 11	0 18	3 39	1 6	22 0	0 40	12 38	1 24	3 30	0 43	13 6
T 31	7n49	18n51	4s30	5s 7	2s18	9s50	0s23	3s20	1s 5	21n59	0n40	12s36	1s24	3s29	0n43	13n 7

Julian Day Number = 2287985.5, Delta T = 175.18 sec
 Ecliptic obliquity = 23°29'44", Nutation = - 0°00'09", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 18°29'28", Lahiri = 17°36'29" Julian Calendar 1 March 1552 == Greg. Calendar 11 March 1552

ASTRODIENST EPHEMERIS for the year 1552

geocentric

MAY 1552 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	15 14 24	19♂59'20	9♂44	12♂15	10♂55	17♂54	27♂25	2♂54	9♂R17	10♂57	0♂39	22♂R50	22♂57	18♂49	0♂10	S 1
M 2	15 18 21	20°57'05	22°37	14°21	12° 5	18°39	27°34	2°58	9♂15	10°59	0°39	22♂49	22°53	18°56	0°15	M 2
T 3	15 22 17	21°54'49	5♂53	16°28	13°14	19°24	27°42	3° 1	9°14	11° 1	0°40	22°49	22°50	19° 3	0°19	T 3
W 4	15 26 14	22°52'31	19°37	18°37	14°24	20° 9	27°51	3° 4	9°12	11° 3	0°40	22°48	22°47	19° 9	0°23	W 4
T 5	15 30 10	23°50'11	3♂49	20°46	15°34	20°54	27°59	3° 7	9°10	11° 5	0°40	22°44	22°44	19°16	0°28	T 5
F 6	15 34 7	24°47'50	18°28	22°57	16°44	21°39	28° 8	3°10	9° 9	11° 8	0°41	22°38	22°41	19°23	0°32	F 6
S 7	15 38 4	25°45'27	3♂30	25° 8	17°54	22°24	28°17	3°12	9° 7	11°10	0°41	22°29	22°38	19°30	0°37	S 7
S 8	15 42 0	26°43'03	18°47	27°20	19° 4	23° 9	28°26	3°15	9° 6	11°12	0°41	22°19	22°34	19°36	0°41	S 8
M 9	15 45 57	27°40'38	4♂7	29°32	20°14	23°54	28°36	3°18	9° 4	11°14	0°42	22° 8	22°31	19°43	0°46	M 9
T 10	15 49 53	28°38'11	19°19	1♂43	21°25	24°39	28°45	3°20	9° 3	11°16	0°42	21°58	22°28	19°50	0°51	T 10
W11	15 53 50	29°35'44	4♂13	3°54	22°35	25°24	28°54	3°23	9° 2	11°19	0°42	21°50	22°25	19°56	0°56	W11
T 12	15 57 46	0♂33'16	18°41	6° 5	23°45	26° 9	29° 4	3°25	9° 0	11°21	0°43	21°45	22°22	20° 3	1° 0	T 12
F 13	16 1 43	1°30'46	2♂40	8°14	24°56	26°54	29°13	3°27	8°59	11°23	0°43	21°42	22°19	20°10	1° 5	F 13
S 14	16 5 39	2°28'16	16°10	10°23	26° 6	27°38	29°23	3°29	8°58	11°25	0°43	21°41	22°15	20°17	1°11	S 14
S 15	16 9 36	3°25'45	29°13	12°30	27°17	28°23	29°33	3°31	8°57	11°27	0°43	21°41	22°12	20°23	1°16	S 15
M16	16 13 33	4°23'13	11♂54	14°35	28°27	29° 7	29°43	3°33	8°56	11°29	0°43	21°40	22° 9	20°30	1°21	M16
T 17	16 17 29	5°20'41	24°15	16°38	29°38	29°52	29°53	3°35	8°55	11°31	0°44	21°39	22° 6	20°37	1°26	T 17
W18	16 21 26	6°18'07	6♂24	18°40	0♂48	0♂36	0♂3	3°37	8°54	11°33	0°44	21°36	22° 3	20°43	1°32	W18
T 19	16 25 22	7°15'33	18°23	20°39	1°59	1°21	0°13	3°39	8°53	11°36	0°44	21°29	21°59	20°50	1°37	T 19
F 20	16 29 19	8°12'59	0♂17	22°36	3°10	2° 5	0°23	3°40	8°52	11°38	0°44	21°21	21°56	20°57	1°43	F 20
S 21	16 33 15	9°10'23	12° 8	24°31	4°20	2°49	0°33	3°42	8°51	11°40	0°44	21°10	21°53	21° 4	1°48	S 21
S 22	16 37 12	10° 7'47	24° 0	26°24	5°31	3°34	0°44	3°43	8°50	11°42	0°R44	20°57	21°50	21°10	1°54	S 22
M23	16 41 8	11° 5'10	5♂53	28°14	6°42	4°18	0°54	3°44	8°49	11°44	0°44	20°44	21°47	21°17	1°59	M23
T 24	16 45 5	12° 2'32	17°50	0♂ 1	7°53	5° 2	1° 5	3°45	8°48	11°46	0°44	20°32	21°44	21°24	2° 5	T 24
W25	16 49 2	12°59'54	29°52	1°46	9° 4	5°46	1°15	3°46	8°48	11°48	0°44	20°22	21°40	21°31	2°11	W25
T 26	16 52 58	13°57'15	12♂ 0	3°29	10°15	6°30	1°26	3°47	8°47	11°50	0°44	20°14	21°37	21°37	2°17	T 26
F 27	16 56 55	14°54'35	24°16	5° 9	11°26	7°14	1°37	3°48	8°47	11°52	0°43	20° 8	21°34	21°44	2°23	F 27
S 28	17 0 51	15°51'54	6♂42	6°46	12°37	7°58	1°48	3°49	8°46	11°54	0°43	20° 5	21°31	21°51	2°29	S 28
S 29	17 4 48	16°49'12	19°21	8°20	13°48	8°41	1°59	3°50	8°46	11°56	0°43	20°D 4	21°28	21°57	2°35	S 29
M30	17 8 44	17°46'29	2♂17	9°53	14°59	9°25	2°10	3°50	8°45	11°58	0°43	20° 5	21°25	22° 4	2°41	M30
T 31	17 12 41	18♂43'45	15♂32	11♂22	16♂11	10♂ 9	2♂21	3♂51	8♂45	11♂59	0♂43	20°R 5	21♂21	22♂11	2♂47	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	17n47	16n45	1s 9	14n50	0s45	2n39	1s49	6n10	0s56	21n22	0n40	11s51	1s30	3s 3	0n42	13n29
M 2	18 2	13 59	0 1	15 37	0 35	3 5	1 51	6 28	0 56	21 21	0 39	11 50	1 30	3 2	0 42	13 30
T 3	18 17	10 26	1n 9	16 24	0 25	3 31	1 52	6 45	0 55	21 19	0 39	11 49	1 30	3 1	0 42	13 30
W 4	18 32	6 13	2 16	17 10	0 14	3 58	1 53	7 3	0 55	21 17	0 39	11 49	1 30	3 1	0 42	13 31
T 5	18 47	1 31	3 18	17 56	0 4	4 24	1 54	7 20	0 54	21 15	0 39	11 48	1 31	3 0	0 42	13 32
F 6	19 1	3s25	4 9	18 40	0n 7	4 50	1 55	7 38	0 54	21 14	0 39	11 47	1 31	3 0	0 42	13 32
S 7	19 15	8 15	4 44	19 22	0 17	5 16	1 55	7 55	0 54	21 12	0 39	11 46	1 31	2 59	0 42	13 33
S 8	19 28	12 39	5 0	20 4	0 28	5 42	1 56	8 12	0 53	21 10	0 39	11 45	1 31	2 58	0 42	13 34
M 9	19 41	16 12	4 54	20 43	0 38	6 8	1 57	8 29	0 53	21 8	0 39	11 45	1 32	2 58	0 42	13 34
T 10	19 54	18 37	4 27	21 20	0 48	6 34	1 57	8 46	0 52	21 6	0 39	11 44	1 32	2 57	0 42	13 35
W11	20 7	19 43	3 43	21 55	0 57	6 59	1 57	9 3	0 52	21 4	0 39	11 43	1 32	2 57	0 42	13 36
T 12	20 19	19 28	2 45	22 28	1 6	7 25	1 58	9 19	0 51	21 2	0 39	11 42	1 32	2 56	0 42	13 36
F 13	20 31	18 0	1 39	22 58	1 15	7 51	1 58	9 36	0 51	21 0	0 39	11 42	1 32	2 56	0 42	13 37
S 14	20 42	15 34	0 29	23 25	1 23	8 16	1 58	9 53	0 50	20 58	0 39	11 41	1 33	2 56	0 42	13 38
S 15	20 53	12 24	0s40	23 50	1 30	8 42	1 58	10 9	0 50	20 56	0 39	11 41	1 33	2 55	0 41	13 38
M16	21 4	8 44	1 45	24 13	1 37	9 7	1 58	10 25	0 49	20 54	0 39	11 40	1 33	2 55	0 41	13 39
T 17	21 15	4 47	2 43	24 32	1 43	9 32	1 58	10 41	0 49	20 52	0 39	11 40	1 33	2 54	0 41	13 39
W18	21 25	0 43	3 33	24 49	1 49	9 57	1 58	10 57	0 48	20 50	0 39	11 39	1 33	2 54	0 41	13 40
T 19	21 34	3n19	4 13	25 3	1 53	10 21	1 57	11 13	0 48	20 48	0 39	11 39	1 34	2 54	0 41	13 41
F 20	21 44	7 12	4 41	25 14	1 57	10 46	1 57	11 29	0 47	20 45	0 39	11 39	1 34	2 53	0 41	13 41
S 21	21 53	10 47	4 57	25 23	2 0	11 10	1 56	11 45	0 47	20 43	0 39	11 38	1 34	2 53	0 41	13 42
S 22	22 1	13 57	5 1	25 30	2 3	11 34	1 56	12 1	0 46	20 41	0 39	11 38	1 34	2 53	0 41	13 43
M23	22 9	16 34	4 51	25 34	2 5	11 58	1 55	12 16	0 46	20 39	0 39	11 38	1 35	2 52	0 41	13 43
T 24	22 17	18 29	4 28	25 35	2 6	12 22	1 54	12 31	0 45	20 36	0 39	11 38	1 35	2 52	0 41	13 44
W25	22 25	19 36	3 54	25 35	2 6	12 45	1 54	12 46	0 44	20 34	0 39	11 37	1 35	2 52	0 41	13 44
T 26	22 32	19 50	3 8	25 32	2 5	13 9	1 53	13 2	0 44	20 32	0 39	11 37	1 35	2 52	0 41	13 45
F 27	22 38	19 8	2 13	25 27	2 4	13 32	1 52	13 16	0 43	20 29	0 39	11 37	1 36	2 52	0 41	13 45
S 28	22 45	17 30	1 11	25 21	2 2	13 54	1 51	13 31	0 43	20 27	0 39	11 37	1 36	2 51	0 41	13 46
S 29	22 50	15 0	0 4	25 13	1 59	14 17	1 50	13 46	0 42	20 24	0 39	11 37	1 36	2 51	0 41	13 47
M30	22 56	11 42	1n 5	25 3	1 56	14 39	1 48	14 0	0 42	20 22	0 39	11 37	1 36	2 51	0 41	13 47
T 31	23n 1	7n44	2n12	24n51	1n51	15n 0	1s47	14n15	0s41	20n19	0n39	11s37	1s36	2s51	0n41	13n48

Julian Day Number = 2288046.5, Delta T = 174.82 sec

Ecliptic obliquity = 23°29'43", Nutation = - 0°00'12", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°29'37", Lahiri = 17°36'37" Julian Calendar 1 May 1552 == Greg. Calendar 11 May 1552

ASTRODIENST EPHEMERIS for the year 1552
geocentric

JUNE 1552 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	17 16 37	19II41'01	29♏10	12♎49	17♎22	10♎52	2♏32	3♎51	8°R44	12♎1	0°R43	20°R 5	21♏18	22♎18	2♏54	W 1
T 2	17 20 34	20°38'16	13♎12	14°13	18°33	11°36	2°44	3°52	8♎44	12° 3	0°K42	20♏ 3	21°15	22°24	3° 0	T 2
F 3	17 24 31	21°35'29	27°38	15°34	19°44	12°20	2°55	3°52	8°44	12° 5	0°42	19°59	21°12	22°31	3° 6	F 3
S 4	17 28 27	22°32'43	12♏25	16°52	20°56	13° 3	3° 6	3°R52	8°44	12° 7	0°42	19°52	21° 9	22°38	3°13	S 4
S 5	17 32 24	23°29'55	27°27	18° 8	22° 7	13°46	3°18	3°52	8°44	12° 9	0°41	19°45	21° 5	22°45	3°19	S 5
M 6	17 36 20	24°27'07	12♎35	19°21	23°19	14°30	3°29	3°52	8°D44	12°10	0°41	19°36	21° 2	22°51	3°26	M 6
T 7	17 40 17	25°24'19	27°40	20°31	24°30	15°13	3°41	3°51	8°44	12°12	0°41	19°29	20°59	22°58	3°32	T 7
W 8	17 44 13	26°21'30	12♎30	21°38	25°41	15°56	3°52	3°51	8°44	12°14	0°40	19°23	20°56	23° 5	3°39	W 8
T 9	17 48 10	27°18'41	26°59	22°42	26°53	16°39	4° 4	3°51	8°44	12°16	0°40	19°19	20°53	23°11	3°45	T 9
F 10	17 52 6	28°15'52	11♎ 3	23°42	28° 5	17°22	4°16	3°50	8°44	12°17	0°39	19°17	20°50	23°18	3°52	F 10
S 11	17 56 3	29°13'03	24°38	24°40	29°16	18° 5	4°28	3°50	8°44	12°19	0°39	19°D16	20°46	23°25	3°59	S 11
S 12	18 0 0	0♎10'14	7♎46	25°34	0II28	18°48	4°40	3°49	8°44	12°21	0°38	19°17	20°43	23°32	4° 6	S 12
M13	18 3 56	1° 7'25	20°30	26°24	1°40	19°31	4°52	3°48	8°45	12°22	0°38	19°18	20°40	23°38	4°13	M13
T 14	18 7 53	2° 4'36	2°V55	27°12	2°51	20°14	5° 4	3°47	8°45	12°24	0°37	19°R19	20°37	23°45	4°19	T 14
W15	18 11 49	3° 1'48	15° 5	27°55	4° 3	20°56	5°16	3°46	8°46	12°26	0°37	19°18	20°34	23°52	4°26	W15
T 16	18 15 46	3°58'59	27° 4	28°35	5°15	21°39	5°28	3°45	8°46	12°27	0°36	19°15	20°30	23°58	4°33	T 16
F 17	18 19 42	4°56'11	8♎57	29°10	6°27	22°22	5°40	3°44	8°47	12°29	0°36	19°11	20°27	24° 5	4°40	F 17
S 18	18 23 39	5°53'23	20°49	29°42	7°39	23° 4	5°52	3°43	8°47	12°30	0°35	19° 5	20°24	24°12	4°47	S 18
S 19	18 27 35	6°50'35	2II42	0♏10	8°51	23°47	6° 4	3°41	8°48	12°32	0°34	18°58	20°21	24°19	4°54	S 19
M20	18 31 32	7°47'47	14°39	0°33	10° 3	24°29	6°17	3°40	8°48	12°33	0°34	18°50	20°18	24°25	5° 2	M20
T 21	18 35 29	8°45'00	26°42	0°52	11°15	25°11	6°29	3°38	8°49	12°35	0°33	18°43	20°15	24°32	5° 9	T 21
W22	18 39 25	9°42'12	8♎53	1° 6	12°27	25°53	6°41	3°37	8°50	12°36	0°32	18°37	20°11	24°39	5°16	W22
T 23	18 43 22	10°39'25	21°13	1°16	13°39	26°36	6°54	3°35	8°51	12°37	0°32	18°32	20° 8	24°46	5°23	T 23
F 24	18 47 18	11°36'38	3♏44	1°21	14°51	27°18	7° 6	3°33	8°52	12°39	0°31	18°29	20° 5	24°52	5°30	F 24
S 25	18 51 15	12°33'51	16°25	1°R21	16° 3	28° 0	7°19	3°31	8°53	12°40	0°30	18°D28	20° 2	24°59	5°38	S 25
S 26	18 55 11	13°31'05	29°19	1°16	17°15	28°42	7°31	3°29	8°54	12°41	0°29	18°29	19°59	25° 6	5°45	S 26
M27	18 59 8	14°28'18	12♏27	1° 7	18°28	29°24	7°44	3°27	8°55	12°43	0°29	18°30	19°56	25°12	5°52	M27
T 28	19 3 4	15°25'31	25°51	0°53	19°40	0II 5	7°56	3°25	8°56	12°44	0°28	18°31	19°52	25°19	6° 0	T 28
W29	19 7 1	16°22'44	9♎31	0°35	20°52	0°47	8° 9	3°22	8°57	12°45	0°27	18°32	19°49	25°26	6° 7	W29
T 30	19 10 58	17♎19'58	23♎29	0♏12	22II 5	1II29	8♏22	3♎20	8♎58	12♎46	0°K26	18°R32	19♏46	25♎33	6♏14	T 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	23n 6	3n17	3n13	24n39	1n47	15n22	1s46	14n29	0s40	20n17	0n39	11s37	1s37	2s51	0n41	13n48	1s46	22s50	12s26	14n49	14n26	13n25	13n23	6s21	
T 2	23 10	1s28	4 5	24 25	1 41	15 43	1 44	14 43	0 40	20 14	0 39	11 37	1 37	2 51	0 41	13 49	1 46	22 50	12 27	14 50	14 27	13 26	13 22	6 20	
F 3	23 14	6 16	4 42	24 9	1 35	16 3	1 43	14 57	0 39	20 12	0 39	11 37	1 37	2 51	0 41	13 49	1 46	22 51	12 27	14 51	14 28	13 28	13 21	6 20	
S 4	23 17	10 48	5 3	23 53	1 28	16 24	1 42	15 11	0 39	20 9	0 39	11 38	1 37	2 51	0 41	13 50	1 46	22 51	12 27	14 53	14 29	13 30	13 20	6 19	
S 5	23 20	14 44	5 2	23 36	1 20	16 44	1 40	15 24	0 38	20 6	0 40	11 38	1 38	2 51	0 41	13 50	1 46	22 51	12 28	14 56	14 30	13 31	13 19	6 19	
M 6	23 23	17 43	4 41	23 17	1 12	17 3	1 38	15 38	0 37	20 4	0 40	11 38	1 38	2 51	0 41	13 51	1 46	22 52	12 28	14 58	14 31	13 33	13 18	6 18	
T 7	23 25	19 28	4 1	22 58	1 4	17 23	1 37	15 51	0 37	20 1	0 40	11 38	1 38	2 51	0 41	13 51	1 46	22 52	12 28	15 1	14 32	13 35	13 17	6 18	
W 8	23 27	19 51	3 4	22 39	0 54	17 41	1 35	16 4	0 36	19 58	0 40	11 39	1 38	2 51	0 41	13 52	1 46	22 53	12 28	15 3	14 33	13 36	13 16	6 17	
T 9	23 28	18 54	1 57	22 19	0 44	18 0	1 33	16 17	0 36	19 55	0 40	11 39	1 39	2 51	0 40	13 52	1 46	22 53	12 29	15 4	14 34	13 38	13 15	6 17	
F 10	23 29	16 47	0 44	21 58	0 34	18 18	1 31	16 30	0 35	19 53	0 40	11 39	1 39	2 51	0 40	13 53	1 46	22 54	12 29	15 5	14 35	13 40	13 14	6 17	
S 11	23 30	13 48	0s29	21 37	0 23	18 35	1 29	16 43	0 34	19 50	0 40	11 40	1 39	2 51	0 40	13 53	1 46	22 54	12 29	15 5	14 36	13 41	13 12	6 16	
S 12	23 30	10 11	1 38	21 16	0 11	18 52	1 27	16 55	0 34	19 47	0 40	11 40	1 39	2 51	0 40	13 54	1 46	22 55	12 30	15 4	14 37	13 43	13 11	6 16	
M13	23 29	6 13	2 40	20 55	0s 1	19 9	1 25	17 7	0 33	19 44	0 40	11 41	1 39	2 51	0 40	13 54	1 46	22 55	12 30	15 4	14 38	13 45	13 10	6 15	
T 14	23 29	2 6	3 33	20 33	0 13	19 25	1 23	17 20	0 32	19 41	0 40	11 41	1 40	2 52	0 40	13 55	1 46	22 56	12 30	15 4	14 39	13 46	13 9	6 15	
W15	23 28	2n 1	4 15	20 12	0 26	19 41	1 21	17 31	0 32	19 38	0 40	11 42	1 40	2 52	0 40	13 55	1 46	22 56	12 31	15 4	14 40	13 48	13 8	6 15	
T 16	23 26	6 0	4 46	19 51	0 40	19 56	1 19	17 43	0 31	19 35	0 40	11 43	1 40	2 52	0 40	13 55	1 46	22 56	12 31	15 5	14 41	13 50	13 6	6 14	
F 17	23 24	9 43	5 4	19 30	0 53	20 10	1 17	17 55	0 30	19 32	0 40	11 43	1 40	2 52	0 40	13 56	1 46	22 57	12 31	15 6	14 42	13 51	13 5	6 14	
S 18	23 22	13 2	5 8	19 10	1 7	20 25	1 15	18 6	0 30	19 29	0 40	11 44	1 41	2 53	0 40	13 56	1 46	22 58	12 32	15 8	14 43	13 53	13 4	6 14	
S 19	23 19	15 51	5 0	18 50	1 22	20 38	1 12	18 18	0 29	19 26	0 40	11 45	1 41	2 53	0 40	13 57	1 46	22 58	12 32	15 10	14 44	13 55	13 2	6 13	
M20	23 16	18 0	4 38	18 31	1 37	20 51	1 10	18 29	0 28	19 23	0 40	11 45	1 41	2 53	0 40	13 57	1 46	22 59	12 32	15 13	14 45	13 56	13 1	6 13	
T 21	23 12	19 23	4 4	18 12	1 51	21 4	1 8	18 40	0 27	19 20	0 40	11 46	1 41	2 54	0 40	13 58	1 46	22 59	12 32	15 15	14 46	13 58	13 0	6 13	
W22	23 8	19 54	3 18	17 54	2 6	21 16	1 5	18 50	0 27	19 17	0 40	11 47	1 41	2 54	0 40	13 58	1 46	23 0	12 33	15 17	14 47	14 0	12 58	6 12	
T 23	23 4	19 28	2 23	17 38	2 21	21 27	1 3	19 1	0 26	19 14	0 40	11 48	1 42	2 54	0 40	13 58	1 47	23 0	12 33	15 18	14 48	14 1	12 57	6 12	
F 24	22 59	18 5	1 19	17 22	2 36	21 38	1 1	19 11	0 25	19 11	0 40	11 49	1 42	2 55	0 40	13 59	1 47	23 1	12 33	15 19	14 49	14 3	12 56	6 12	
S 25	22 54	15 46	0 11	17 7	2 51	21 48	0 58	19 22	0 25	19 8	0 40	11 50	1 42	2 55	0 40	13 59	1 47	23 1	12 34	15 20	14 50	14 5	12 54	6 11	
S 26	22 48	12 39	0n59	16 54	3 6	21 58	0 56	19 32	0 24	19 5	0 40	11 50	1 42	2 55	0 40	13 59	1 47	23 2	12 34	15 20	14 51	14 6	12 53	6 11	
M27	22 42	8 52	2 7	16 42	3 20	22 7	0 53	19 41	0 23	19 2	0 40	11 51	1 42	2 56	0 40	14 0	1 47	23 2	12 34	15 19	14 52	14 8	12 51	6 11	
T 28	22 36	4 33	3 10	16 32	3 34	22 15	0 50	19 51	0 22	18 58	0 40	11 52	1 43	2 56	0 40	14 0	1 47	23 3	12 34	15 19	14 53	14 10	12 50	6 11	
W29	22 29	0s 3	4 3	16 23	3 47	22 23	0 48	20 0	0 22	18 55	0 40	11 53	1 43	2 57	0 40	14 0	1 47	23 3	12 35	15 18	14 54	14 11	12 48	6 10	
T 30	22n22	4s45	4n44	16n15	3s59	22n30	0s45	20n10	0s21	18n52	0n40	11s55	1s43	2s57	0n40	14n 1	1s47	23s 4	12s35	15n18	14n55	14n13	12n47	6s10	

ASTRODIENST EPHEMERIS for the year 1552

geocentric

JULY 1552 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	19 14 54	18°17'11"	7°43'	29°R45	23°II17	2°II10	8°J34	3°R18	8°J59	12°R48	0°R25	18°R31	19°J43	25°J39	6°J22	F 1
S 2	19 18 51	19°14'25"	22°13'	29°J14	24°30'	2°52'	8°47'	3°J15	9° 1'	12°49'	0°J24	18°J29	19°40'	25°46'	6°29'	S 2
S 3	19 22 47	20°11'39"	6°J53	28°40'	25°42'	3°33'	9° 0'	3°12'	9° 2'	12°50'	0°23'	18°25'	19°36'	25°53'	6°37'	S 3
M 4	19 26 44	21° 8'53"	21°38'	28° 3'	26°54'	4°15'	9°13'	3°10'	9° 3'	12°51'	0°22'	18°21'	19°33'	26° 0'	6°44'	M 4
T 5	19 30 40	22° 6'08"	6°J51	27°23'	28° 7'	4°56'	9°26'	3° 7'	9° 5'	12°52'	0°22'	18°18'	19°30'	26° 6'	6°52'	T 5
W 6	19 34 37	23° 3'23"	20°54'	26°42'	29°20'	5°37'	9°38'	3° 4'	9° 6'	12°53'	0°21'	18°15'	19°27'	26°13'	7° 0'	W 6
T 7	19 38 34	24° 0'39"	5°J11	26° 0'	0°J32	6°18'	9°51'	3° 1'	9° 8'	12°54'	0°20'	18°14'	19°24'	26°20'	7° 7'	T 7
F 8	19 42 30	24°57'55"	19° 7'	25°17'	1°45'	6°59'	10° 4'	2°58'	9°10'	12°55'	0°19'	18°D13	19°21'	26°26'	7°15'	F 8
S 9	19 46 27	25°55'12"	2°J40	24°35'	2°58'	7°40'	10°17'	2°55'	9°11'	12°56'	0°18'	18°14'	19°17'	26°33'	7°22'	S 9
S 10	19 50 23	26°52'30"	15°50'	23°55'	4°10'	8°21'	10°30'	2°52'	9°13'	12°57'	0°17'	18°15'	19°14'	26°40'	7°30'	S 10
M 11	19 54 20	27°49'49"	28°37'	23°16'	5°23'	9° 2'	10°43'	2°49'	9°15'	12°58'	0°16'	18°16'	19°11'	26°47'	7°38'	M 11
T 12	19 58 16	28°47'09"	11°J5	22°40'	6°36'	9°43'	10°56'	2°45'	9°16'	12°59'	0°15'	18°18'	19° 8'	26°53'	7°45'	T 12
W 13	20 2 13	29°44'30"	23°17'	22° 7'	7°49'	10°23'	11° 9'	2°42'	9°18'	12°59'	0°13'	18°18'	19° 5'	27° 0'	7°53'	W 13
T 14	20 6 9	0°J41'52"	5°J18	21°38'	9° 2'	11° 4'	11°22'	2°38'	9°20'	13° 0'	0°12'	18°R18	19° 2'	27° 7'	8° 1'	T 14
F 15	20 10 6	1°39'15"	17°13'	21°14'	10°15'	11°45'	11°35'	2°35'	9°22'	13° 1'	0°11'	18°18'	18°58'	27°13'	8° 8'	F 15
S 16	20 14 2	2°36'39"	29° 5'	20°55'	11°28'	12°25'	11°48'	2°31'	9°24'	13° 2'	0°10'	18°16'	18°55'	27°20'	8°16'	S 16
S 17	20 17 59	3°34'05"	11°J0	20°42'	12°41'	13° 5'	12° 1'	2°28'	9°26'	13° 2'	0° 9'	18°15'	18°52'	27°27'	8°24'	S 17
M 18	20 21 56	4°31'31"	23° 1'	20°34'	13°54'	13°46'	12°14'	2°24'	9°28'	13° 3'	0° 8'	18°13'	18°49'	27°34'	8°32'	M 18
T 19	20 25 52	5°28'59"	5°J11	20°D33	15° 7'	14°26'	12°27'	2°20'	9°30'	13° 4'	0° 7'	18°11'	18°46'	27°40'	8°39'	T 19
W 20	20 29 49	6°26'28"	17°32'	20°38'	16°20'	15° 6'	12°41'	2°16'	9°32'	13° 4'	0° 6'	18° 9'	18°42'	27°47'	8°47'	W 20
T 21	20 33 45	7°23'58"	0°J6	20°49'	17°33'	15°46'	12°54'	2°12'	9°35'	13° 5'	0° 5'	18° 8'	18°39'	27°54'	8°55'	T 21
F 22	20 37 42	8°21'29"	12°55'	21° 8'	18°46'	16°26'	13° 7'	2° 9'	9°37'	13° 5'	0° 3'	18°D 8	18°36'	28° 1'	9° 3'	F 22
S 23	20 41 38	9°19'01"	25°57'	21°33'	20° 0'	17° 6'	13°20'	2° 5'	9°39'	13° 6'	0° 2'	18° 8'	18°33'	28° 7'	9°10'	S 23
S 24	20 45 35	10°16'34"	9°J14	22° 5'	21°13'	17°46'	13°33'	2° 0'	9°41'	13° 6'	0° 1'	18° 8'	18°30'	28°14'	9°18'	S 24
M 25	20 49 32	11°14'08"	22°43'	22°43'	22°26'	18°25'	13°46'	1°56'	9°44'	13° 7'	29°J59	18° 9'	18°27'	28°21'	9°26'	M 25
T 26	20 53 28	12°11'43"	6°J25	23°29'	23°40'	19° 5'	13°59'	1°52'	9°46'	13° 7'	29°59'	18° 9'	18°23'	28°27'	9°34'	T 26
W 27	20 57 25	13° 9'19"	20°18'	24°20'	24°53'	19°45'	14°12'	1°48'	9°49'	13° 7'	29°57'	18°10'	18°20'	28°34'	9°41'	W 27
T 28	21 1 21	14° 6'56"	4°J21	25°19'	26° 7'	20°24'	14°26'	1°44'	9°51'	13° 8'	29°56'	18°10'	18°17'	28°41'	9°49'	T 28
F 29	21 5 18	15° 4'34"	18°32'	26°23'	27°20'	21° 3'	14°39'	1°40'	9°54'	13° 8'	29°55'	18°R10	18°14'	28°48'	9°57'	F 29
S 30	21 9 14	16° 2'13"	2°J49	27°34'	28°34'	21°43'	14°52'	1°35'	9°56'	13° 8'	29°54'	18°10'	18°11'	28°54'	10° 5'	S 30
S 31	21 13 11	16°J59'53"	17°J9	28°J50	29°J47	22°II22	15°J5	1°J31	9°J59	13°J8	29°J53	18°J10	18°J8	29°J1	10°J12	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	22n15	9s16	5n 7	16n10	4s11	22n37	0s43	20n19	0s20	18n48	0n40	11s56	1s43	2s58	0n40	F 1
S 2	22 7	13 20	5 12	16 6	4 21	22 43	0 40	20 28	0 20	18 45	0 40	11 57	1 44	2 58	0 40	S 2
S 3	21 58	16 38	4 57	16 3	4 31	22 48	0 37	20 36	0 19	18 42	0 40	11 58	1 44	2 59	0 39	S 3
M 4	21 50	18 52	4 22	16 3	4 39	22 53	0 35	20 45	0 18	18 38	0 40	11 59	1 44	3 0	0 39	M 4
T 5	21 41	19 51	3 30	16 4	4 45	22 57	0 32	20 53	0 17	18 35	0 40	12 0	1 44	3 0	0 39	T 5
W 6	21 31	19 29	2 24	16 7	4 50	23 0	0 30	21 1	0 16	18 32	0 40	12 1	1 44	3 1	0 39	W 6
T 7	21 21	17 52	1 11	16 11	4 54	23 3	0 27	21 9	0 16	18 28	0 40	12 3	1 44	3 2	0 39	T 7
F 8	21 11	15 12	0s 5	16 17	4 55	23 5	0 24	21 17	0 15	18 25	0 41	12 4	1 45	3 2	0 39	F 8
S 9	21 1	11 46	1 19	16 25	4 55	23 6	0 22	21 24	0 14	18 21	0 41	12 5	1 45	3 3	0 39	S 9
S 10	20 50	7 51	2 26	16 34	4 53	23 7	0 19	21 32	0 13	18 18	0 41	12 7	1 45	3 4	0 39	S 10
M 11	20 39	3 41	3 24	16 44	4 50	23 7	0 16	21 39	0 13	18 14	0 41	12 8	1 45	3 4	0 39	M 11
T 12	20 27	0n32	4 11	16 55	4 44	23 6	0 13	21 46	0 12	18 11	0 41	12 9	1 45	3 5	0 39	T 12
W 13	20 15	4 38	4 46	17 7	4 37	23 5	0 11	21 53	0 11	18 7	0 41	12 11	1 46	3 6	0 39	W 13
T 14	20 3	8 29	5 7	17 19	4 29	23 3	0 8	21 59	0 10	18 4	0 41	12 12	1 46	3 7	0 39	T 14
F 15	19 50	11 58	5 15	17 33	4 19	23 0	0 6	22 6	0 9	18 0	0 41	12 14	1 46	3 7	0 39	F 15
S 16	19 37	14 57	5 10	17 47	4 8	22 57	0 3	22 12	0 9	17 57	0 41	12 15	1 46	3 8	0 39	S 16
S 17	19 24	17 20	4 51	18 1	3 56	22 53	0 0	22 18	0 8	17 53	0 41	12 16	1 46	3 9	0 39	S 17
M 18	19 11	19 0	4 19	18 15	3 42	22 48	0n 2	22 23	0 7	17 49	0 41	12 18	1 46	3 10	0 39	M 18
T 19	18 57	19 48	3 36	18 29	3 28	22 43	0 5	22 29	0 6	17 46	0 41	12 19	1 47	3 11	0 39	T 19
W 20	18 42	19 41	2 41	18 43	3 13	22 37	0 8	22 34	0 5	17 42	0 41	12 21	1 47	3 12	0 39	W 20
T 21	18 28	18 35	1 38	18 57	2 58	22 31	0 10	22 40	0 4	17 39	0 41	12 23	1 47	3 12	0 39	T 21
F 22	18 13	16 31	0 29	19 10	2 42	22 23	0 13	22 45	0 4	17 35	0 41	12 24	1 47	3 13	0 39	F 22
S 23	17 58	13 35	0n43	19 22	2 26	22 15	0 15	22 49	0 3	17 31	0 41	12 26	1 47	3 14	0 39	S 23
S 24	17 42	9 54	1 54	19 33	2 9	22 7	0 18	22 54	0 2	17 27	0 41	12 27	1 47	3 15	0 39	S 24
M 25	17 27	5 39	3 0	19 43	1 53	21 57	0 20	22 58	0 1	17 24	0 42	12 29	1 48	3 16	0 39	M 25
T 26	17 11	1 4	3 57	19 52	1 36	21 47	0 23	23 2	0 0	17 20	0 42	12 30	1 48	3 17	0 39	T 26
W 27	16 54	3s37	4 40	19 59	1 20	21 37	0 25	23 6	0n 1	17 16	0 42	12 32	1 48	3 18	0 39	W 27
T 28	16 38	8 10	5 8	20 4	1 4	21 26	0 28	23 10	0 1	17 12	0 42	12 34	1 48	3 19	0 39	T 28
F 29	16 21	12 18	5 17	20 8	0 48	21 14	0 30	23 14	0 2	17 9	0 42	12 35	1 48	3 20	0 39	F 29
S 30	16 4	15 45	5 7	20 9	0 33	21 1	0 32	23 17	0 3	17 5	0 42	12 37	1 48	3 21	0 38	S 30
S 31	15n47	18s16	4n37	20n 8	0s19	20n48	0n35	23n21	0n 4	17n 1	0n42	12s39	1s48	3s22	0n38	S 31

Julian Day Number = 2288107.5, Delta T = 174.46 sec

Ecliptic obliquity = 23°29'43", Nutation = -0°00'11", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°29'45", Lahiri = 17°36'45" Julian Calendar 1 July 1552 == Greg. Calendar 11 July 1552

ASTRODIENST EPHEMERIS for the year 1552
geocentric

SEPTEMBER 1552 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	23 19 21	17 ¹⁷ 59'02	22 ²² 55	26 ²⁶ 57	9 ⁹ 19	12 ¹² 25	21 ²¹ 57	29 ²⁹ R 8	11 ¹¹ 39	12 ¹² R59	29 ²⁹ R12	18 ¹⁸ R 0	16 ¹⁶ Ω26	2 ² II36	14 ¹⁴ Ω12	T 1
F 2	23 23 17	18 ¹⁸ 57'36	6 ⁶ 11	28 ²⁸ 39	10 ¹⁰ 33	13 ¹³ 0	22 ²² 10	29 ²⁹ 8 4	11 ¹¹ 42	12 ¹² 858	29 ²⁹ 11	17 ¹⁷ Ω59	16 ¹⁶ 23	2 ² 43	14 ¹⁴ 19	F 2
S 3	23 27 14	19 ¹⁹ 56'12	19 ¹⁹ 14	0 ⁰ 21	11 ¹¹ 48	13 ¹³ 36	22 ²² 22	29 ²⁹ 0	11 ¹¹ 46	12 ¹² 57	29 ²⁹ 10	17 ¹⁷ 56	16 ¹⁶ 19	2 ² 49	14 ¹⁴ 25	S 3
S 4	23 31 10	20 ²⁰ 54'49	2 ² 3	2 ² 1	13 ¹³ 3	14 ¹⁴ 12	22 ²² 34	28 ²⁸ 56	11 ¹¹ 49	12 ¹² 56	29 ²⁹ 9	17 ¹⁷ 52	16 ¹⁶ 16	2 ² 56	14 ¹⁴ 32	S 4
M 5	23 35 7	21 ²¹ 53'29	14 ¹⁴ 38	3 ³ 40	14 ¹⁴ 17	14 ¹⁴ 47	22 ²² 47	28 ²⁸ 52	11 ¹¹ 53	12 ¹² 55	29 ²⁹ 8	17 ¹⁷ 46	16 ¹⁶ 13	3 ³ 3	14 ¹⁴ 39	M 5
T 6	23 39 3	22 ²² 52'11	27 ²⁷ 1	5 ⁵ 19	15 ¹⁵ 32	15 ¹⁵ 22	22 ²² 59	28 ²⁸ 48	11 ¹¹ 57	12 ¹² 55	29 ²⁹ 6	17 ¹⁷ 40	16 ¹⁶ 10	3 ³ 10	14 ¹⁴ 46	T 6
W 7	23 43 0	23 ²³ 50'55	9 ⁹ 11	6 ⁶ 56	16 ¹⁶ 47	15 ¹⁵ 58	23 ²³ 11	28 ²⁸ 44	12 ¹² 0	12 ¹² 54	29 ²⁹ 5	17 ¹⁷ 34	16 ¹⁶ 7	3 ³ 16	14 ¹⁴ 53	W 7
T 8	23 46 56	24 ²⁴ 49'41	21 ²¹ 12	8 ⁸ 32	18 ¹⁸ 1	16 ¹⁶ 33	23 ²³ 23	28 ²⁸ 40	12 ¹² 4	12 ¹² 53	29 ²⁹ 4	17 ¹⁷ 29	16 ¹⁶ 4	3 ³ 23	14 ¹⁴ 59	T 8
F 9	23 50 53	25 ²⁵ 48'30	3 ³ II 6	10 ¹⁰ 8	19 ¹⁹ 16	17 ¹⁷ 8	23 ²³ 35	28 ²⁸ 36	12 ¹² 8	12 ¹² 52	29 ²⁹ 3	17 ¹⁷ 25	16 ¹⁶ 0	3 ³ 30	15 ¹⁵ 6	F 9
S 10	23 54 49	26 ²⁶ 47'20	14 ¹⁴ 57	11 ¹¹ 42	20 ²⁰ 31	17 ¹⁷ 42	23 ²³ 47	28 ²⁸ 33	12 ¹² 11	12 ¹² 51	29 ²⁹ 2	17 ¹⁷ 22	15 ¹⁵ 57	3 ³ 37	15 ¹⁵ 13	S 10
S 11	23 58 46	27 ²⁷ 46'13	26 ²⁶ 51	13 ¹³ 16	21 ²¹ 46	18 ¹⁸ 17	23 ²³ 59	28 ²⁸ 29	12 ¹² 15	12 ¹² 49	29 ²⁹ 1	17 ¹⁷ D21	15 ¹⁵ 54	3 ³ 43	15 ¹⁵ 19	S 11
M12	0 2 43	28 ²⁸ 45'09	8 ⁸ 51	14 ¹⁴ 49	23 ²³ 1	18 ¹⁸ 52	24 ²⁴ 11	28 ²⁸ 25	12 ¹² 19	12 ¹² 48	29 ²⁹ 0	17 ¹⁷ 22	15 ¹⁵ 51	3 ³ 50	15 ¹⁵ 26	M12
T 13	0 6 39	29 ²⁹ 44'06	21 ²¹ 4	16 ¹⁶ 20	24 ²⁴ 15	19 ¹⁹ 26	24 ²⁴ 23	28 ²⁸ 22	12 ¹² 22	12 ¹² 47	28 ²⁸ 59	17 ¹⁷ 23	15 ¹⁵ 48	3 ³ 57	15 ¹⁵ 32	T 13
W14	0 10 36	0 ⁰ 43'06	3 ³ Ω33	17 ¹⁷ 51	25 ²⁵ 30	20 ²⁰ 0	24 ²⁴ 35	28 ²⁸ 18	12 ¹² 26	12 ¹² 46	28 ²⁸ 58	17 ¹⁷ 24	15 ¹⁵ 45	4 ⁴ 3	15 ¹⁵ 39	W14
T 15	0 14 32	1 ¹ 42'09	16 ¹⁶ 22	19 ¹⁹ 21	26 ²⁶ 45	20 ²⁰ 34	24 ²⁴ 46	28 ²⁸ 15	12 ¹² 30	12 ¹² 45	28 ²⁸ 57	17 ¹⁷ R25	15 ¹⁵ 41	4 ⁴ 10	15 ¹⁵ 45	T 15
F 16	0 18 29	2 ² 41'13	29 ²⁹ 36	20 ²⁰ 51	28 ²⁸ 0	21 ²¹ 8	24 ²⁴ 58	28 ²⁸ 11	12 ¹² 34	12 ¹² 44	28 ²⁸ 56	17 ¹⁷ 24	15 ¹⁵ 38	4 ⁴ 17	15 ¹⁵ 51	F 16
S 17	0 22 25	3 ³ 40'20	13 ¹³ 14	22 ²² 19	29 ²⁹ 15	21 ²¹ 42	25 ²⁵ 10	28 ²⁸ 8	12 ¹² 37	12 ¹² 43	28 ²⁸ 55	17 ¹⁷ 22	15 ¹⁵ 35	4 ⁴ 24	15 ¹⁵ 58	S 17
S 18	0 26 22	4 ⁴ 39'28	27 ²⁷ 17	23 ²³ 46	0 ⁰ 30	22 ²² 16	25 ²⁵ 21	28 ²⁸ 5	12 ¹² 41	12 ¹² 41	28 ²⁸ 54	17 ¹⁷ 17	15 ¹⁵ 32	4 ⁴ 30	16 ¹⁶ 4	S 18
M19	0 30 18	5 ⁵ 38'39	11 ¹¹ 40	25 ²⁵ 13	1 ¹ 45	22 ²² 49	25 ²⁵ 33	28 ²⁸ 2	12 ¹² 45	12 ¹² 40	28 ²⁸ 53	17 ¹⁷ 10	15 ¹⁵ 29	4 ⁴ 37	16 ¹⁶ 10	M19
T 20	0 34 15	6 ⁶ 37'52	26 ²⁶ 17	26 ²⁶ 38	3 ³ 0	23 ²³ 23	25 ²⁵ 44	27 ²⁷ 59	12 ¹² 49	12 ¹² 39	28 ²⁸ 52	17 ¹⁷ 3	15 ¹⁵ 25	4 ⁴ 44	16 ¹⁶ 16	T 20
W21	0 38 12	7 ⁷ 37'07	11 ¹¹ 11	28 ²⁸ 3	4 ⁴ 15	23 ²³ 56	25 ²⁵ 55	27 ²⁷ 56	12 ¹² 52	12 ¹² 37	28 ²⁸ 51	16 ¹⁶ 55	15 ¹⁵ 22	4 ⁴ 50	16 ¹⁶ 22	W21
T 22	0 42 8	8 ⁸ 36'24	25 ²⁵ 44	29 ²⁹ 27	5 ⁵ 30	24 ²⁴ 29	26 ²⁶ 7	27 ²⁷ 53	12 ¹² 56	12 ¹² 36	28 ²⁸ 50	16 ¹⁶ 48	15 ¹⁵ 19	4 ⁴ 57	16 ¹⁶ 28	T 22
F 23	0 46 5	9 ⁹ 35'42	10 ¹⁰ 120	0 ⁰ 149	6 ⁶ 45	25 ²⁵ 2	26 ²⁶ 18	27 ²⁷ 50	13 ¹³ 0	12 ¹² 35	28 ²⁸ 49	16 ¹⁶ 42	15 ¹⁵ 16	5 ⁵ 4	16 ¹⁶ 34	F 23
S 24	0 50 1	10 ¹⁰ 35'03	24 ²⁴ 43	2 ² 11	8 ⁸ 0	25 ²⁵ 34	26 ²⁶ 29	27 ²⁷ 47	13 ¹³ 4	12 ¹² 33	28 ²⁸ 48	16 ¹⁶ 39	15 ¹⁵ 13	5 ⁵ 11	16 ¹⁶ 40	S 24
S 25	0 53 58	11 ¹¹ 34'25	8 ⁸ 30	3 ³ 31	9 ⁹ 15	26 ²⁶ 7	26 ²⁶ 40	27 ²⁷ 45	13 ¹³ 7	12 ¹² 32	28 ²⁸ 47	16 ¹⁶ D38	15 ¹⁵ 10	5 ⁵ 17	16 ¹⁶ 45	S 25
M26	0 57 54	12 ¹² 33'49	22 ²² 40	4 ⁴ 51	10 ¹⁰ 30	26 ²⁶ 39	26 ²⁶ 51	27 ²⁷ 42	13 ¹³ 11	12 ¹² 31	28 ²⁸ 46	16 ¹⁶ 38	15 ¹⁵ 6	5 ⁵ 24	16 ¹⁶ 51	M26
T 27	1 1 51	13 ¹³ 33'15	6 ⁶ 14	6 ⁶ 9	11 ¹¹ 45	27 ²⁷ 11	27 ²⁷ 2	27 ²⁷ 39	13 ¹³ 15	12 ¹² 29	28 ²⁸ 45	16 ¹⁶ 39	15 ¹⁵ 3	5 ⁵ 31	16 ¹⁶ 57	T 27
W28	1 5 47	14 ¹⁴ 32'42	19 ¹⁹ 33	7 ⁷ 26	13 ¹³ 0	27 ²⁷ 43	27 ²⁷ 12	27 ²⁷ 37	13 ¹³ 19	12 ¹² 28	28 ²⁸ 45	16 ¹⁶ R39	15 ¹⁵ 0	5 ⁵ 37	17 ¹⁷ 2	W28
T 29	1 9 44	15 ¹⁵ 32'11	2 ² 139	8 ⁸ 41	14 ¹⁴ 15	28 ²⁸ 15	27 ²⁷ 23	27 ²⁷ 35	13 ¹³ 23	12 ¹² 26	28 ²⁸ 44	16 ¹⁶ 38	14 ¹⁴ 57	5 ⁵ 44	17 ¹⁷ 8	T 29
F 30	1 13 41	16 ¹⁶ 31'42	15 ¹⁵ 133	9 ⁹ 155	15 ¹⁵ 31	28 ²⁸ 47	27 ²⁷ 34	27 ²⁷ 33	13 ¹³ 26	12 ¹² 25	28 ²⁸ 43	16 ¹⁶ Ω34	14 ¹⁴ Ω54	5 ⁵ II51	17 ¹⁷ Ω13	F 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
T 1	4n46	14s20	0s27	2n 2	0n53	9n23	1n23	23n29	0n35	14n56	0n45	13s31	1s50	4s 2	0n38	14n 1	1s50	23s37	12s42	15n28	15n57	15n53	10n41	6s11	
F 2	4 23	10 47	1 38	1 15	0 47	8 55	1 24	23 27	0 36	14 52	0 45	13 33	1 50	4 4	0 38	14 1	1 51	23 38	12 42	15 29	15 58	15 54	10 39	6 11	
S 3	4 0	6 46	2 42	0 29	0 41	8 27	1 24	23 25	0 37	14 48	0 45	13 34	1 50	4 5	0 38	14 0	1 51	23 38	12 42	15 29	15 59	15 56	10 37	6 11	
S 4	3 37	2 30	3 37	0s17	0 34	7 59	1 25	23 22	0 38	14 44	0 46	13 36	1 50	4 7	0 38	14 0	1 51	23 38	12 42	15 31	16 0	15 57	10 35	6 12	
M 5	3 13	1n47	4 21	1 3	0 27	7 30	1 25	23 19	0 39	14 40	0 46	13 37	1 50	4 8	0 38	14 0	1 51	23 39	12 41	15 33	16 1	15 59	10 32	6 12	
T 6	2 50	5 55	4 51	1 48	0 21	7 1	1 25	23 16	0 40	14 37	0 46	13 38	1 50	4 9	0 38	13 59	1 51	23 39	12 41	15 34	16 2	16 0	10 30	6 12	
W 7	2 27	9 44	5 7	2 33	0 14	6 33	1 25	23 13	0 41	14 33	0 46	13 40	1 50	4 11	0 38	13 59	1 51	23 39	12 41	15 36	16 3	16 2	10 28	6 13	
T 8	2 4	13 7	5 10	3 18	0 7	6 3	1 26	23 10	0 42	14 29	0 46	13 41	1 50	4 12	0 38	13 59	1 51	23 40	12 41	15 38	16 4	16 3	10 26	6 13	
F 9	1 40	15 56	4 59	4 2	0s 1	5 34	1 26	23 7	0 43	14 25	0 46	13 42	1 50	4 14	0 38	13 58	1 51	23 40	12 41	15 39	16 5	16 5	10 23	6 13	
S 10	1 17	18 5	4 35	4 45	0 8	5 5	1 26	23 3	0 44	14 21	0 46	13 44	1 50	4 15	0 38	13 58	1 51	23 40	12 41	15 40	16 6	16 6	10 21	6 14	
S 11	0 53	19 28	4 0	5 29	0 15	4 35	1 26	23 0	0 46	14 17	0 46	13 45	1 50	4 17	0 38	13 58	1 51	23 41	12 41	15 40	16 6	16 8	10 19	6 14	
M12	0 30	19 59	3 14	6 12	0 22	4 5	1 26	22 56	0 47	14 13	0 47	13 46	1 50	4 18	0 37	13 57	1 51	23 41	12 41	15 40	16 7	16 9	10 17	6 14	
T 13	0 6	19 34	2 18	6 54	0 30	3 36	1 25	22 52	0 48	14 10	0 47	13 47	1 50	4 20	0 37	13 57	1 51	23 41	12 41	15 40	16 8	16 11	10 15	6 15	
W14	0s17	18 12	1 14	7 35	0 37	3 6	1 25	22 48	0 49	14 6	0 47	13 49	1 50	4 21	0 37	13 57	1 51	23 41	12 40	15 39	16 9	16 12	10 12	6 15	
T 15	0 41	15 53	0 6	8 17	0 44	2 35	1 25	22 44	0 50	14 2	0 47	13 50	1 50	4 22	0 37	13 56	1 51	23 42	12 40	15 39	16 10	16 14	10 10	6 15	
F 16	1 4	12 40	1n 5	8 57	0 52	2 5	1 24	22 40	0 51	13 58	0 47	13 51	1 50	4 24	0 37	13 56	1 51	23 42	12 40	15 39	16 11	16 15	10 8	6 16	
S 17	1 28	8 40	2 15	9 37	0 59	1 35	1 24	22 36	0 52	13 54	0 47	13 52	1 50	4 25	0 37	13 55	1 51	23 42	12 40	15 40	16 12	16 17	10 6	6 16	
S 18	1 51	4 7	3 18	10 16	1 6	1 5	1 24	22 32	0 54	13 51	0 47	13 53	1 50	4 27	0 37	13 55	1 51	23 42	12 40	15 42	16 13	16 18	10 4	6 17	
M19	2 15	0s47	4 10	10 55	1 13	0 34	1 23	22 28	0 55	13 47	0 48	13 54	1 50	4 28	0 37	13 55	1 51	23 43	12 40	15 44	16 14	16 20	10 2	6 17	
T 20	2 38	5 43	4 47	11 33	1 10	0 4	1 22	22 23	0 56	13 43	0 48	13 55	1 50	4 30	0 37	13 54	1 51	23 43	12 40	15 46	16 15	16 21	9 59	6 17	
W21	3 2	10 20	5 5	12 10	1 27	0s27	1 22	22 18	0 57	13 40	0 48	13 56	1 50	4 31	0 37	13 54	1 51	23 43	12 39	15 48	16 16	16 23	9 57	6 18	
T 22	3 25	14 20	5 3	12 46	1 34	0 57	1 21	22 14	0 58	13 36	0 48	13 57	1 49	4 33	0 37	13 53	1 51	23 43	12 39	15 50	16 17	16 24	9 55	6 18	
F 23	3 49	17 25	4 41	13 22	1 41	1 28	1 20	22 9	0 59	13 32	0 48	13 58	1 49	4 34	0 37	13 53	1 51	23 43	12 39	15 52	16 18	16 26	9 53	6 19	
S 24	4 12	19 22	4 2	13 57	1 48	1 58	1 19	22 4	1 1	13 29	0 48	13 59	1 49	4 36	0 37	13 52	1 51	23 44	12 39	15 53	16 19	16 27	9 51	6 19	
S 25	4 35	20 4	3 8	14 31	1 54	2 28	1 18	21 59	1 2	13 25	0 49	14 0	1 49	4 37	0 37	13 52	1 52	23 44	12 39	15 53	16 20	16 29	9 49	6 20	
M26	4 59	19 32	2 5	15 4	2 1	2 59	1 17	21 54	1 3	13 21	0 49	14 0	1 49	4 39	0 37	13 51	1 52	23 44	12 39	15 53	16 21	16 30	9 47	6 20	
T 27	5 22	17 52	0 56	15 36	2 7	3 29	1 16	21 49	1 4	13 18	0 49	14 1	1 49	4 40	0 37	13 51	1 52	23 44	12 38	15 53	16 22	16 31	9 45	6 20	
W28	5 45	15 14	0s16	16 7	2 13	4 0	1 15	21 44	1 6	13 14	0 49	14 2	1 49	4 42	0 37	13 51	1 52	23 44	12 38	15 53	16 22	16 33	9 43	6 21	
T 29	6 8	11 52	1 24	16 37	2 19	4 30	1 14	21 39	1 7	13 11	0 49	14 3	1 49	4 43	0 37	13 50	1 52	23 44	12 38	15 53	16 23	16 34	9 40	6 21	
F 30	6s31	7s59	2s28	17s 6	2s24	5s 0	1n13	21n34	1n 8	13n 7	0n49	14s 3	1s49	4s45	0n37	13n50	1s52	23s44	12s38	15n54	16n24	16n36	9n38	6s22	

ASTRODIENST EPHEMERIS for the year 1552

geocentric

OCTOBER 1552 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	1 17 37	17 ^h 31'15"	28 ^h 15'	11 ^h 8'	16 ^h 46'	29 ^h 18'	27 ^h 04'	27 ^h R30	13 ^h 30'	12 ^h R23	28 ^h R42	16 ^h R28	14 ^h 05'	5 ^h 11'	17 ^h 018	S 1
S 2	1 21 34	18 ^h 30'50"	10 ^h 48'	12 ^h 18'	18 ^h 1'	29 ^h 50'	27 ^h 55'	27 ^h 28'	13 ^h 34'	12 ^h 22'	28 ^h 41'	16 ^h 09'	14 ^h 47'	6 ^h 4'	17 ^h 24'	S 2
M 3	1 25 30	19 ^h 30'27"	23 ^h 10'	13 ^h 27'	19 ^h 16'	0 ^h 21'	28 ^h 5'	27 ^h 26'	13 ^h 38'	12 ^h 20'	28 ^h 41'	16 ^h 8'	14 ^h 44'	6 ^h 11'	17 ^h 29'	M 3
T 4	1 29 27	20 ^h 30'06"	5 ^h 23'	14 ^h 34'	20 ^h 31'	0 ^h 52'	28 ^h 15'	27 ^h 25'	13 ^h 41'	12 ^h 19'	28 ^h 40'	15 ^h 56'	14 ^h 41'	6 ^h 18'	17 ^h 34'	T 4
W 5	1 33 23	21 ^h 29'47"	17 ^h 28'	15 ^h 39'	21 ^h 46'	1 ^h 22'	28 ^h 25'	27 ^h 23'	13 ^h 45'	12 ^h 17'	28 ^h 39'	15 ^h 44'	14 ^h 38'	6 ^h 24'	17 ^h 39'	W 5
T 6	1 37 20	22 ^h 29'30"	29 ^h 25'	16 ^h 41'	23 ^h 1'	1 ^h 53'	28 ^h 35'	27 ^h 21'	13 ^h 49'	12 ^h 16'	28 ^h 39'	15 ^h 32'	14 ^h 35'	6 ^h 31'	17 ^h 44'	T 6
F 7	1 41 16	23 ^h 29'15"	11 ^h 17'	17 ^h 41'	24 ^h 17'	2 ^h 23'	28 ^h 45'	27 ^h 20'	13 ^h 53'	12 ^h 14'	28 ^h 38'	15 ^h 23'	14 ^h 31'	6 ^h 38'	17 ^h 49'	F 7
S 8	1 45 13	24 ^h 29'03"	23 ^h 7'	18 ^h 37'	25 ^h 32'	2 ^h 53'	28 ^h 55'	27 ^h 18'	13 ^h 56'	12 ^h 13'	28 ^h 37'	15 ^h 15'	14 ^h 28'	6 ^h 44'	17 ^h 53'	S 8
S 9	1 49 10	25 ^h 28'53"	4 ^h 58'	19 ^h 31'	26 ^h 47'	3 ^h 23'	29 ^h 5'	27 ^h 17'	14 ^h 0'	12 ^h 11'	28 ^h 37'	15 ^h 11'	14 ^h 25'	6 ^h 51'	17 ^h 58'	S 9
M10	1 53 6	26 ^h 28'45"	16 ^h 55'	20 ^h 20'	28 ^h 2'	3 ^h 53'	29 ^h 15'	27 ^h 16'	14 ^h 4'	12 ^h 9'	28 ^h 36'	15 ^h 9'	14 ^h 22'	6 ^h 58'	18 ^h 3'	M10
T 11	1 57 3	27 ^h 28'39"	29 ^h 4'	21 ^h 6'	29 ^h 17'	4 ^h 23'	29 ^h 24'	27 ^h 14'	14 ^h 8'	12 ^h 8'	28 ^h 36'	15 ^h D 9'	14 ^h 19'	7 ^h 5'	18 ^h 7'	T 11
W12	2 0 59	28 ^h 28'35"	11 ^h 02'	21 ^h 47'	0 ^h 33'	4 ^h 52'	29 ^h 34'	27 ^h 13'	14 ^h 11'	12 ^h 6'	28 ^h 35'	15 ^h R 9'	14 ^h 16'	7 ^h 11'	18 ^h 12'	W12
T 13	2 4 56	29 ^h 28'34"	24 ^h 15'	22 ^h 23'	1 ^h 48'	5 ^h 21'	29 ^h 43'	27 ^h 12'	14 ^h 15'	12 ^h 4'	28 ^h 35'	15 ^h 9'	14 ^h 12'	7 ^h 18'	18 ^h 16'	T 13
F 14	2 8 52	0 ^h 28'34"	7 ^h 17'	22 ^h 54'	3 ^h 3'	5 ^h 50'	29 ^h 52'	27 ^h 12'	14 ^h 19'	12 ^h 3'	28 ^h 34'	15 ^h 7'	14 ^h 9'	7 ^h 25'	18 ^h 20'	F 14
S 15	2 12 49	1 ^h 28'37"	21 ^h 9'	23 ^h 19'	4 ^h 18'	6 ^h 18'	0 ^h 17'	27 ^h 11'	14 ^h 22'	12 ^h 1'	28 ^h 34'	15 ^h 2'	14 ^h 6'	7 ^h 31'	18 ^h 24'	S 15
S 16	2 16 45	2 ^h 28'42"	5 ^h 20'	23 ^h 37'	5 ^h 34'	6 ^h 47'	0 ^h 11'	27 ^h 10'	14 ^h 26'	11 ^h 59'	28 ^h 33'	14 ^h 55'	14 ^h 3'	7 ^h 38'	18 ^h 28'	S 16
M17	2 20 42	3 ^h 28'49"	19 ^h 56'	23 ^h 47'	6 ^h 49'	7 ^h 15'	0 ^h 19'	27 ^h 10'	14 ^h 30'	11 ^h 58'	28 ^h 33'	14 ^h 46'	14 ^h 0'	7 ^h 45'	18 ^h 32'	M17
T 18	2 24 38	4 ^h 28'58"	4 ^h 53'	23 ^h R50	8 ^h 4'	7 ^h 42'	0 ^h 28'	27 ^h 9'	14 ^h 33'	11 ^h 56'	28 ^h 32'	14 ^h 35'	13 ^h 56'	7 ^h 52'	18 ^h 36'	T 18
W19	2 28 35	5 ^h 29'09"	20 ^h 1'	23 ^h 44'	9 ^h 19'	8 ^h 10'	0 ^h 37'	27 ^h 9'	14 ^h 37'	11 ^h 54'	28 ^h 32'	14 ^h 23'	13 ^h 53'	7 ^h 58'	18 ^h 40'	W19
T 20	2 32 32	6 ^h 29'21"	5 ^h 9'	23 ^h 29'	10 ^h 35'	8 ^h 37'	0 ^h 45'	27 ^h 9'	14 ^h 40'	11 ^h 53'	28 ^h 32'	14 ^h 13'	13 ^h 50'	8 ^h 5'	18 ^h 44'	T 20
F 21	2 36 28	7 ^h 29'36"	20 ^h 7'	23 ^h 4'	11 ^h 50'	9 ^h 4'	0 ^h 54'	27 ^h 8'	14 ^h 44'	11 ^h 51'	28 ^h 31'	14 ^h 4'	13 ^h 47'	8 ^h 12'	18 ^h 47'	F 21
S 22	2 40 25	8 ^h 29'52"	4 ^h 37'	22 ^h 29'	13 ^h 5'	9 ^h 31'	1 ^h 2'	27 ^h D 8'	14 ^h 47'	11 ^h 49'	28 ^h 31'	13 ^h 58'	13 ^h 44'	8 ^h 18'	18 ^h 51'	S 22
S 23	2 44 21	9 ^h 30'09"	19 ^h 6'	21 ^h 45'	14 ^h 21'	9 ^h 58'	1 ^h 10'	27 ^h 8'	14 ^h 51'	11 ^h 48'	28 ^h 31'	13 ^h 55'	13 ^h 41'	8 ^h 25'	18 ^h 54'	S 23
M24	2 48 18	10 ^h 30'28"	3 ^h 0'	20 ^h 51'	15 ^h 36'	10 ^h 24'	1 ^h 18'	27 ^h 9'	14 ^h 55'	11 ^h 46'	28 ^h 31'	13 ^h 54'	13 ^h 37'	8 ^h 32'	18 ^h 58'	M24
T 25	2 52 14	11 ^h 30'48"	16 ^h 31'	19 ^h 48'	16 ^h 51'	10 ^h 50'	1 ^h 26'	27 ^h 9'	14 ^h 58'	11 ^h 44'	28 ^h 30'	13 ^h 54'	13 ^h 34'	8 ^h 39'	19 ^h 1'	T 25
W26	2 56 11	12 ^h 31'09"	29 ^h 41'	18 ^h 38'	18 ^h 6'	11 ^h 15'	1 ^h 34'	27 ^h 9'	15 ^h 1'	11 ^h 43'	28 ^h 30'	13 ^h 54'	13 ^h 31'	8 ^h 45'	19 ^h 4'	W26
T 27	3 0 7	13 ^h 31'32"	12 ^h 34'	17 ^h 22'	19 ^h 22'	11 ^h 41'	1 ^h 42'	27 ^h 10'	15 ^h 5'	11 ^h 41'	28 ^h 30'	13 ^h 52'	13 ^h 28'	8 ^h 52'	19 ^h 7'	T 27
F 28	3 4 4	14 ^h 31'57"	25 ^h 12'	16 ^h 3'	20 ^h 37'	12 ^h 6'	1 ^h 49'	27 ^h 10'	15 ^h 8'	11 ^h 39'	28 ^h 30'	13 ^h 47'	13 ^h 25'	8 ^h 59'	19 ^h 10'	F 28
S 29	3 8 1	15 ^h 32'22"	7 ^h 39'	14 ^h 42'	21 ^h 52'	12 ^h 30'	1 ^h 57'	27 ^h 11'	15 ^h 12'	11 ^h 38'	28 ^h 30'	13 ^h 39'	13 ^h 22'	9 ^h 5'	19 ^h 13'	S 29
S 30	3 11 57	16 ^h 32'50"	19 ^h 56'	13 ^h 23'	23 ^h 8'	12 ^h 55'	2 ^h 4'	27 ^h 12'	15 ^h 15'	11 ^h 36'	28 ^h 30'	13 ^h 28'	13 ^h 18'	9 ^h 12'	19 ^h 15'	S 30
M31	3 15 54	17 ^h 33'18"	2 ^h 6'	12 ^h 8'	24 ^h 23'	13 ^h 019'	2 ^h 11'	27 ^h 13'	15 ^h 18'	11 ^h 34'	28 ^h 30'	13 ^h 015'	13 ^h 015'	9 ^h 119'	19 ^h 018'	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	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	6s54	3s48	3s23	17s34	2s30	5s30	1n12	21n29	1n 9	13n 4	0n50	14s 4	1s49	4s46	0n37	13n49	1s52	23s44	12s38
S 2	7 16	0n30	4 7	18 1	2 35	6 0	1 10	21 23	1 11	13 0	0 50	14 5	1 49	4 47	0 37	13 49	1 52	23 45	12 37
M 3	7 39	4 43	4 39	18 27	2 39	6 30	1 9	21 18	1 12	12 57	0 50	14 5	1 49	4 49	0 37	13 48	1 52	23 45	12 37
T 4	8 2	8 41	4 57	18 51	2 44	6 59	1 8	21 12	1 13	12 53	0 50	14 6	1 49	4 50	0 37	13 48	1 52	23 45	12 37
W 5	8 24	12 15	5 2	19 14	2 48	7 29	1 6	21 7	1 15	12 50	0 50	14 6	1 48	4 52	0 37	13 47	1 52	23 45	12 37
T 6	8 46	15 18	4 54	19 36	2 51	7 58	1 5	21 1	1 16	12 47	0 50	14 7	1 48	4 53	0 37	13 47	1 52	23 45	12 37
F 7	9 9	17 41	4 32	19 56	2 54	8 28	1 3	20 56	1 17	12 43	0 51	14 7	1 48	4 55	0 37	13 46	1 52	23 45	12 36
S 8	9 31	19 20	3 59	20 14	2 57	8 57	1 1	20 50	1 19	12 40	0 51	14 8	1 48	4 56	0 37	13 46	1 52	23 45	12 36
S 9	9 53	20 8	3 16	20 31	2 58	9 25	1 0	20 44	1 20	12 37	0 51	14 8	1 48	4 58	0 37	13 45	1 52	23 45	12 36
M10	10 14	20 3	2 24	20 46	3 0	9 54	0 58	20 39	1 21	12 34	0 51	14 8	1 48	4 59	0 37	13 45	1 52	23 45	12 36
T 11	10 36	19 1	1 24	20 58	3 0	10 22	0 56	20 33	1 23	12 31	0 51	14 9	1 48	5 1	0 37	13 44	1 52	23 45	12 36
W12	10 57	17 4	0 19	21 9	3 0	10 50	0 54	20 27	1 24	12 27	0 52	14 9	1 48	5 2	0 37	13 44	1 52	23 45	12 35
T 13	11 19	14 13	0n48	21 18	2 59	11 18	0 52	20 22	1 26	12 24	0 52	14 9	1 48	5 3	0 37	13 43	1 52	23 45	12 35
F 14	11 40	10 34	1 55	21 24	2 57	11 46	0 51	20 16	1 27	12 21	0 52	14 9	1 47	5 5	0 37	13 43	1 52	23 45	12 35
S 15	12 1	6 15	2 58	21 27	2 54	12 13	0 49	20 10	1 28	12 18	0 52	14 10	1 47	5 6	0 37	13 42	1 52	23 45	12 35
S 16	12 22	1 26	3 52	21 28	2 50	12 40	0 47	20 4	1 30	12 15	0 52	14 10	1 47	5 8	0 37	13 42	1 52	23 45	12 34
M17	12 42	3s36	4 33	21 25	2 44	13 7	0 45	19 59	1 31	12 12	0 53	14 10	1 47	5 9	0 37	13 41	1 52	23 45	12 34
T 18	13 3	8 31	4 56	21 19	2 38	13 33	0 43	19 53	1 33	12 9	0 53	14 10	1 47	5 10	0 37	13 41	1 52	23 44	12 34
W19	13 23	12 59	4 59	21 10	2 29	14 0	0 41	19 47	1 34	12 6	0 53	14 10	1 47	5 12	0 37	13 40	1 52	23 44	12 34
T 20	13 43	16 36	4 41	20 56	2 20	14 25	0 38	19 41	1 36	12 4	0 53	14 10	1 47	5 13	0 37	13 40	1 52	23 44	12 33
F 21	14 3	19 5	4 4	20 39	2 8	14 51	0 36	19 36	1 37	12 1	0 53	14 10	1 47	5 15	0 37	13 39	1 52	23 44	12 33
S 22	14 22	20 14	3 11	20 17	1 55	15 16	0 34	19 30	1 39	11 58	0 54	14 10	1 47	5 16	0 37	13 38	1 52	23 44	12 33
S 23	14 41	20 2	2 7	19 51	1 40	15 40	0 32	19 24	1 40	11 55	0 54	14 10	1 46	5 17	0 37	13 38	1 52	23 44	12 33
M24	15 1	18 36	0 57	19 21	1 24	16 4	0 30	19 19	1 42	11 53	0 54	14 9	1 46	5 19	0 37	13 37	1 52	23 44	12 32
T 25	15 19	16 9	0s14	18 47	1 6	16 28	0 27	19 13	1 44	11 50	0 54	14 9	1 46	5 20	0 37	13 37	1 52	23 44	12 32
W26	15 38	12 54	1 22	18 10	0 47	16 52	0 25	19 7	1 45	11 47	0 54	14 9	1 46	5 21	0 37	13 36	1 52	23 43	12 32
T 27	15 56	9 6	2 25	17 29	0 27	17 15	0 23	19 2	1 47	11 45	0 55	14 9	1 46	5 23	0 37	13 36	1 52	23 43	12 32
F 28	16 14	4 57	3 19	16 47	0 6	17 37	0 21	18 56	1 48	11 42	0 55	14 8	1 46	5 24	0 37	13 35	1 52	23 43	12 31
S 29	16 32	0 41	4 3	16 3	0n15	17 59	0 18	18 51	1 50	11 40	0 55	14 8	1 46	5 25	0 37	13 35	1 52	23 43	12 31
S 30	16 49	3n34	4 35	15 20	0 35	18 20	0 16	18 46	1 52	11 38	0 55	14 8	1 46	5 27	0 38	13 34	1 52	23 43	12 31
M31	17s 7	7n38	4s54	14s39	0n54	18s41	0n14	18n40	1n53	11n35	0n56	14s 7	1s45	5s28	0n38	13n34	1s52	23s42	12s30

ASTRODIENST EPHEMERIS for the year 1552
geocentric

NOVEMBER 1552 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	3 19 50	18 ¹¹ 33'49	14 ⁸ 9	11°R 0	25 ¹¹ 38	13 ¹¹ 43	2 ¹¹ 18	27 ¹¹ 14	15 ¹¹ 22	11°R33	28°R29	13°R 1	13 ¹¹ 12	9 ¹¹ 26	19 ¹¹ 20	T 1
W 2	3 23 47	19°34'20	26° 7	10 ¹¹ 0	26°53	14° 6	2°25	27°15	15°25	11 ¹¹ 31	28°D29	12°D46	13° 9	9°32	19°23	W 2
T 3	3 27 43	20°34'54	8 ¹¹ 1	9°10	28° 9	14°29	2°32	27°16	15°28	11°29	28 ¹¹ 29	12°32	13° 6	9°39	19°25	T 3
F 4	3 31 40	21°35'29	19°51	8°31	29°24	14°52	2°38	27°18	15°32	11°28	28°30	12°20	13° 2	9°46	19°27	F 4
S 5	3 35 36	22°36'05	1 ¹¹ 41	8° 4	0 ¹¹ 39	15°14	2°44	27°19	15°35	11°26	28°30	12°11	12°59	9°52	19°29	S 5
S 6	3 39 33	23°36'44	13°33	7°48	1°55	15°36	2°51	27°21	15°38	11°24	28°30	12° 5	12°56	9°59	19°31	S 6
M 7	3 43 30	24°37'24	25°30	7°D44	3°10	15°58	2°57	27°22	15°41	11°23	28°30	12° 2	12°53	10° 6	19°33	M 7
T 8	3 47 26	25°38'05	7 ¹¹ 23	7°51	4°25	16°19	3° 3	27°24	15°44	11°21	28°30	12°D 1	12°50	10°13	19°35	T 8
W 9	3 51 23	26°38'48	19°58	8° 8	5°40	16°40	3° 9	27°26	15°47	11°19	28°30	12° 1	12°47	10°19	19°37	W 9
T 10	3 55 19	27°39'33	2 ¹¹ 39	8°34	6°56	17° 1	3°14	27°28	15°51	11°18	28°30	12°R 1	12°43	10°26	19°38	T 10
F 11	3 59 16	28°40'19	15°44	9° 8	8°11	17°21	3°20	27°30	15°54	11°16	28°30	12° 0	12°40	10°33	19°40	F 11
S 12	4 3 12	29°41'07	29°18	9°50	9°26	17°40	3°25	27°32	15°57	11°14	28°31	11°56	12°37	10°39	19°41	S 12
S 13	4 7 9	0 ¹¹ 41'56	13 ¹¹ 22	10°39	10°42	18° 0	3°30	27°34	16° 0	11°13	28°31	11°50	12°34	10°46	19°42	S 13
M14	4 11 5	1°42'47	27°56	11°33	11°57	18°18	3°35	27°37	16° 2	11°11	28°31	11°42	12°31	10°53	19°43	M14
T 15	4 15 2	2°43'39	12 ¹¹ 54	12°33	13°12	18°37	3°40	27°39	16° 5	11°10	28°32	11°32	12°27	10°59	19°44	T 15
W16	4 18 59	3°44'33	28° 9	13°37	14°28	18°55	3°44	27°42	16° 8	11° 8	28°32	11°21	12°24	11° 6	19°45	W16
T 17	4 22 55	4°45'27	13 ¹¹ 30	14°45	15°43	19°12	3°49	27°44	16°11	11° 7	28°32	11°11	12°21	11°13	19°46	T 17
F 18	4 26 52	5°46'23	28°44	15°56	16°58	19°29	3°53	27°47	16°14	11° 5	28°33	11° 3	12°18	11°20	19°47	F 18
S 19	4 30 48	6°47'20	13 ¹¹ 43	17°10	18°13	19°45	3°57	27°50	16°17	11° 4	28°33	10°58	12°15	11°26	19°47	S 19
S 20	4 34 45	7°48'18	28°17	18°26	19°29	20° 1	4° 1	27°53	16°19	11° 2	28°34	10°55	12°12	11°33	19°48	S 20
M21	4 38 41	8°49'16	12 ¹¹ 24	19°45	20°44	20°17	4° 5	27°56	16°22	11° 1	28°34	10°D54	12° 8	11°40	19°48	M21
T 22	4 42 38	9°50'15	26° 4	21° 5	21°59	20°32	4° 9	27°59	16°25	10°59	28°35	10°55	12° 5	11°46	19°48	T 22
W23	4 46 34	10°51'14	9 ¹¹ 18	22°27	23°15	20°46	4°12	28° 2	16°27	10°58	28°35	10°R55	12° 2	11°53	19°R48	W23
T 24	4 50 31	11°52'14	22° 9	23°51	24°30	21° 0	4°15	28° 5	16°30	10°56	28°36	10°55	11°59	12° 0	19°48	T 24
F 25	4 54 28	12°53'15	4 ¹¹ 42	25°15	25°45	21°13	4°18	28° 9	16°32	10°55	28°36	10°52	11°56	12° 7	19°48	F 25
S 26	4 58 24	13°54'16	17° 1	26°41	27° 0	21°26	4°21	28°12	16°35	10°54	28°37	10°47	11°53	12°13	19°48	S 26
S 27	5 2 21	14°55'18	29° 9	28° 7	28°16	21°38	4°24	28°16	16°37	10°52	28°37	10°40	11°49	12°20	19°47	S 27
M28	5 6 17	15°56'20	11 ¹¹ 9	29°34	29°31	21°50	4°26	28°20	16°40	10°51	28°38	10°30	11°46	12°27	19°47	M28
T 29	5 10 14	16°57'23	23° 5	1 ¹¹ 2	0 ¹¹ 46	22° 1	4°29	28°23	16°42	10°50	28°39	10°20	11°43	12°33	19°46	T 29
W30	5 14 10	17 ¹¹ 58'27	4 ¹¹ 58	2 ¹¹ 31	2 ¹¹ 1	22 ¹¹ 11	4 ¹¹ 31	28 ¹¹ 27	16 ¹¹ 44	10 ¹¹ 48	28 ¹¹ 39	10 ¹¹ 9	11 ¹¹ 40	12 ¹¹ 40	19 ¹¹ 46	W30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17s23	11n21	4s59	14s 1	1n12	19s 2	0n11	18n35	1n55	11n33	0n56	14s 7	1s45	5s29	0n38	13n33	1s52	23s42	12s30	16n57	16n54	17n21	8n43	6s40			
W 2	17 40	14 36	4 51	13 27	1 29	19 22	0 9	18 30	1 57	11 31	0 56	14 6	1 45	5 30	0 38	13 33	1 52	23 42	12 30	17 1	16 55	17 22	8 41	6 41			
T 3	17 56	17 14	4 31	12 57	1 43	19 41	0 6	18 25	1 58	11 28	0 56	14 6	1 45	5 32	0 38	13 32	1 52	23 42	12 30	17 5	16 56	17 24	8 40	6 42			
F 4	18 12	19 8	3 59	12 33	1 56	20 0	0 4	18 20	2 0	11 26	0 57	14 5	1 45	5 33	0 38	13 32	1 52	23 41	12 29	17 8	16 56	17 25	8 39	6 42			
S 5	18 28	20 13	3 16	12 14	2 6	20 19	0 2	18 15	2 2	11 24	0 57	14 4	1 45	5 34	0 38	13 31	1 52	23 41	12 29	17 11	16 57	17 26	8 37	6 43			
S 6	18 43	20 24	2 25	12 1	2 15	20 36	0s 1	18 10	2 4	11 22	0 57	14 4	1 45	5 35	0 38	13 31	1 52	23 41	12 29	17 13	16 58	17 28	8 36	6 44			
M 7	18 58	19 41	1 26	11 54	2 21	20 54	0 3	18 5	2 6	11 20	0 57	14 3	1 45	5 37	0 38	13 30	1 52	23 40	12 29	17 14	16 59	17 29	8 35	6 44			
T 8	19 13	18 2	0 23	11 51	2 26	21 10	0 6	18 0	2 7	11 18	0 57	14 2	1 45	5 38	0 38	13 30	1 52	23 40	12 28	17 14	17 0	17 30	8 34	6 45			
W 9	19 27	15 31	0n42	11 54	2 29	21 26	0 8	17 56	2 9	11 16	0 58	14 2	1 44	5 39	0 38	13 29	1 52	23 40	12 28	17 14	17 1	17 32	8 33	6 46			
T 10	19 41	12 13	1 47	12 0	2 31	21 41	0 11	17 51	2 11	11 15	0 58	14 1	1 44	5 40	0 38	13 29	1 52	23 40	12 28	17 14	17 2	17 33	8 32	6 46			
F 11	19 55	8 14	2 49	12 11	2 31	21 56	0 13	17 47	2 13	11 13	0 58	14 0	1 44	5 41	0 38	13 28	1 52	23 39	12 28	17 14	17 3	17 35	8 31	6 47			
S 12	20 8	3 41	3 43	12 25	2 30	22 10	0 15	17 43	2 15	11 11	0 58	13 59	1 44	5 42	0 38	13 28	1 52	23 39	12 27	17 15	17 4	17 36	8 30	6 48			
S 13	20 21	1s12	4 26	12 42	2 28	22 24	0 18	17 38	2 17	11 10	0 59	13 58	1 44	5 44	0 38	13 28	1 52	23 39	12 27	17 17	17 5	17 37	8 29	6 48			
M14	20 33	6 11	4 54	13 2	2 25	22 37	0 20	17 34	2 19	11 8	0 59	13 57	1 44	5 45	0 38	13 27	1 52	23 38	12 27	17 19	17 5	17 39	8 28	6 49			
T 15	20 45	10 57	5 2	13 23	2 22	22 49	0 23	17 31	2 21	11 6	0 59	13 56	1 44	5 46	0 38	13 27	1 52	23 38	12 26	17 22	17 6	17 40	8 27	6 49			
W16	20 57	15 5	4 50	13 47	2 17	23 0	0 25	17 27	2 23	11 5	0 59	13 55	1 44	5 47	0 38	13 26	1 52	23 37	12 26	17 25	17 7	17 41	8 26	6 50			
T 17	21 8	18 14	4 16	14 11	2 13	23 11	0 27	17 23	2 24	11 4	1 0	13 54	1 43	5 48	0 38	13 26	1 52	23 37	12 26	17 28	17 8	17 43	8 25	6 51			
F 18	21 19	20 5	3 25	14 37	2 7	23 21	0 30	17 20	2 26	11 2	1 0	13 53	1 43	5 49	0 38	13 25	1 52	23 37	12 26	17 30	17 9	17 44	8 24	6 51			
S 19	21 30	20 28	2 20	15 4	2 1	23 30	0 32	17 16	2 29	11 1	1 0	13 52	1 43	5 50	0 38	13 25	1 52	23 36	12 25	17 31	17 10	17 45	8 23	6 52			
S 20	21 40	19 28	1 7	15 31	1 55	23 39	0 34	17 13	2 31	11 0	1 1	13 51	1 43	5 51	0 38	13 24	1 52	23 36	12 25	17 32	17 11	17 46	8 23	6 53			
M21	21 49	17 15	0s 8	15 58	1 48	23 47	0 37	17 10	2 33	10 59	1 1	13 50	1 43	5 52	0 38	13 24	1 52	23 35	12 25	17 32	17 12	17 48	8 22	6 53			
T 22	21 59	14 7	1 20	16 26	1 42	23 54	0 39	17 7	2 35	10 58	1 1	13 49	1 43	5 53	0 38	13 24	1 51	23 35	12 25	17 32	17 13	17 49	8 21	6 54			
W23	22 7	10 21	2 26	16 54	1 35	24 1	0 41	17 5	2 37	10 57	1 1	13 47	1 43	5 54	0 38	13 23	1 51	23 35	12 24	17 32	17 13	17 50	8 20	6 55			
T 24	22 16	6 13	3 22	17 22	1 28	24 6	0 43	17 2	2 39	10 56	1 2	13 46	1 43	5 55	0 38	13 23	1 51	23 34	12 24	17 32	17 14	17 52	8 20	6 55			
F 25	22 24	1 54	4 7	17 49	1 20	24 11	0 46	17 0	2 41	10 55	1 2	13 45	1 43	5 56	0 38	13 22	1 51	23 34	12 24	17 33	17 15	17 53	8 19	6 56			
S 26	22 31	2n24	4 40	18 17	1 13	24 16	0 48	16 58	2 43	10 54	1 2	13 44	1 42	5 57	0 38	13 22	1 51	23 33	12 24	17 34	17 16	17 54	8 19	6 57			
S 27	22 38	6 32	4 59	18 43	1 6	24 19	0 50	16 56	2 45	10 53	1 2	13 42	1 42	5 58	0 38	13 22	1 51	23 33	12 23	17 36	17 17	17 56	8 18	6 57			
M28	22 45	10 22	5 5	19 10	0 58	24 22	0 52	16 54	2 48	10 53	1 3	13 41	1 42	5 59	0 38	13 21	1 51	23 32	12 23	17 39	17 18	17 57	8 18	6 58			
T 29	22 51	13 47	4 58	19 35	0 51	24 24	0 54	16 53	2 50	10 52	1 3	13 39	1 42	6 0	0 38	13 21	1 51	23 32	12 23	17 42	17 19	17 58	8 17	6 59			
W30	22s57	16n38	4s37	20s 0	0n43	24s25	0s56	16n51	2n52	10n52	1n 3	13s38	1s42	6s 0	0n38	13n20	1s51	23s31	12s23	17n45	17n20	17n59	8n17	6s59			

ASTRODIENST EPHEMERIS for the year 1552

geocentric

DECEMBER 1552 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	5 18 7	18 ⁵⁹ 31	16 ⁴⁹	4 ⁰	3 ¹⁷	22 ²¹	4 ³³	28 ³¹	16 ⁴⁶	10 ⁴⁷	28 ⁴⁰	9 ⁵⁹	11 ³⁷	12 ⁴⁷	19 ⁴⁵	T 1
F 2	5 22 3	20 ⁰ 36	28 ⁴¹	5 ²⁹	4 ³²	22 ³⁰	4 ³⁴	28 ³⁵	16 ⁴⁹	10 ⁴⁸	28 ⁴¹	9 ⁵⁰	11 ³³	12 ⁵³	19 ⁴⁴	F 2
S 3	5 26 0	21 ⁰ 141	10 ³⁴	6 ⁵⁹	5 ⁴⁷	22 ³⁹	4 ³⁶	28 ³⁹	16 ⁵¹	10 ⁴⁵	28 ⁴²	9 ⁴³	11 ³⁰	13 ⁰	19 ⁴³	S 3
S 4	5 29 57	22 ⁰ 247	22 ³¹	8 ²⁹	7 ⁰ 2	22 ⁴⁷	4 ³⁷	28 ⁴³	16 ⁵³	10 ⁴⁴	28 ⁴³	9 ³⁹	11 ²⁷	13 ⁰ 7	19 ⁴²	S 4
M 5	5 33 53	23 ⁰ 354	4 ³⁴	10 ⁰	8 ¹⁸	22 ⁵⁴	4 ³⁸	28 ⁴⁸	16 ⁵⁵	10 ⁴²	28 ⁴³	9 ³⁸	11 ²⁴	13 ¹⁴	19 ⁴¹	M 5
T 6	5 37 50	24 ⁰ 501	16 ⁴⁶	11 ³¹	9 ³³	23 ⁰ 1	4 ³⁹	28 ⁵²	16 ⁵⁷	10 ⁴¹	28 ⁴⁴	9 ³⁸	11 ²¹	13 ²⁰	19 ³⁹	T 6
W 7	5 41 46	25 ⁰ 609	29 ¹¹	13 ⁰ 2	10 ⁴⁸	23 ⁰ 7	4 ⁴⁰	28 ⁵⁷	16 ⁵⁹	10 ⁴⁰	28 ⁴⁵	9 ³⁹	11 ¹⁸	13 ²⁷	19 ³⁸	W 7
T 8	5 45 43	26 ⁰ 718	11 ³⁵	14 ³³	12 ⁰ 3	23 ¹²	4 ⁴¹	29 ⁰ 1	17 ⁰ 1	10 ³⁹	28 ⁴⁶	9 ⁴⁰	11 ¹⁴	13 ³⁴	19 ³⁶	T 8
F 9	5 49 39	27 ⁰ 827	24 ⁵³	16 ⁰ 5	13 ¹⁸	23 ¹⁷	4 ⁴¹	29 ⁰ 6	17 ⁰ 3	10 ³⁸	28 ⁴⁷	9 ⁴¹	11 ¹¹	13 ⁴⁰	19 ³⁵	F 9
S 10	5 53 36	28 ⁰ 936	8 ⁴⁸	17 ³⁷	14 ³⁴	23 ²⁰	4 ⁴¹	29 ¹⁰	17 ⁰ 5	10 ³⁷	28 ⁴⁸	9 ⁴¹	11 ⁰ 8	13 ⁴⁷	19 ³³	S 10
S 11	5 57 33	29 ¹⁰ 47	22 ¹⁰	19 ⁰ 9	15 ⁴⁹	23 ²⁴	4 ⁴¹	29 ¹⁵	17 ⁰ 6	10 ³⁶	28 ⁴⁹	9 ³⁸	11 ⁰ 5	13 ⁵⁴	19 ³¹	S 11
M12	6 1 29	0 ³ 1157	6 ³⁹	20 ⁴²	17 ⁰ 4	23 ²⁶	4 ⁴¹	29 ²⁰	17 ⁰ 8	10 ³⁵	28 ⁵⁰	9 ³⁴	11 ⁰ 2	14 ⁰ 0	19 ²⁹	M12
T 13	6 5 26	1 ⁰ 1309	21 ¹²	22 ¹⁵	18 ¹⁹	23 ²⁷	4 ⁴¹	29 ²⁵	17 ¹⁰	10 ³⁴	28 ⁵¹	9 ²⁹	10 ⁵⁹	14 ⁰ 7	19 ²⁷	T 13
W14	6 9 22	2 ¹⁴ 20	6 ⁴¹	23 ⁴⁸	19 ³⁴	23 ²⁸	4 ⁴⁰	29 ³⁰	17 ¹¹	10 ³³	28 ⁵²	9 ²³	10 ⁵⁵	14 ¹⁴	19 ²⁵	W14
T 15	6 13 19	3 ¹⁵ 33	21 ²⁷	25 ²¹	20 ⁴⁹	23 ²⁸	4 ⁴⁰	29 ³⁵	17 ¹³	10 ³²	28 ⁵³	9 ¹⁸	10 ⁵²	14 ²¹	19 ²²	T 15
F 16	6 17 15	4 ¹⁶ 45	6 ⁴⁰	26 ⁵⁵	22 ⁰ 4	23 ²⁸	4 ³⁹	29 ⁴⁰	17 ¹⁴	10 ³¹	28 ⁵⁴	9 ¹³	10 ⁴⁹	14 ²⁷	19 ²⁰	F 16
S 17	6 21 12	5 ¹⁷ 57	21 ⁴³	28 ²⁹	23 ²⁰	23 ²⁶	4 ³⁷	29 ⁴⁵	17 ¹⁶	10 ³¹	28 ⁵⁵	9 ¹⁰	10 ⁴⁶	14 ³⁴	19 ¹⁸	S 17
S 18	6 25 8	6 ¹⁹ 09	6 ²⁷	0 ³ 4	24 ³⁵	23 ²⁴	4 ³⁶	29 ⁵¹	17 ¹⁷	10 ³⁰	28 ⁵⁶	9 ⁹	10 ⁴³	14 ⁴¹	19 ¹⁵	S 18
M19	6 29 5	7 ²⁰ 21	20 ⁴⁶	1 ³⁹	25 ⁵⁰	23 ²¹	4 ³⁵	29 ⁵⁶	17 ¹⁹	10 ²⁹	28 ⁵⁷	9 ¹⁰	10 ³⁹	14 ⁴⁷	19 ¹²	M19
T 20	6 33 2	8 ²¹ 33	4 ³⁷	3 ¹⁴	27 ⁰ 5	23 ¹⁷	4 ³³	0 ³ 1	17 ²⁰	10 ²⁸	28 ⁵⁸	9 ¹¹	10 ³⁶	14 ⁵⁴	19 ¹⁰	T 20
W21	6 36 58	9 ²² 44	18 ⁰ 1	4 ⁴⁹	28 ²⁰	23 ¹²	4 ³¹	0 ⁰ 7	17 ²¹	10 ²⁸	28 ⁵⁹	9 ¹³	10 ³³	15 ⁰ 1	19 ⁰ 7	W21
T 22	6 40 55	10 ²³ 54	0 ³ 59	6 ²⁵	29 ³⁵	23 ⁰ 7	4 ²⁹	0 ¹²	17 ²²	10 ²⁷	29 ⁰ 0	9 ¹⁴	10 ³⁰	15 ⁰ 7	19 ⁰ 4	T 22
F 23	6 44 51	11 ²⁵ 05	13 ³⁶	8 ⁰ 2	0 ⁴⁵ 50	23 ⁰ 0	4 ²⁶	0 ¹⁸	17 ²³	10 ²⁶	29 ⁰ 2	9 ¹⁴	10 ²⁷	15 ¹⁴	19 ⁰ 1	F 23
S 24	6 48 48	12 ²⁶ 14	25 ⁵⁵	9 ³⁸	2 ⁰ 5	22 ⁵³	4 ²⁴	0 ²⁴	17 ²⁵	10 ²⁶	29 ⁰ 3	9 ¹³	10 ²⁴	15 ²¹	18 ⁵⁸	S 24
S 25	6 52 44	13 ²⁷ 24	8 ⁸ 1	11 ¹⁵	3 ²⁰	22 ⁴⁵	4 ²¹	0 ²⁹	17 ²⁶	10 ²⁵	29 ⁰ 4	9 ¹¹	10 ²⁰	15 ²⁸	18 ⁵⁴	S 25
M26	6 56 41	14 ²⁸ 32	19 ⁰ 58	12 ⁵³	4 ³⁵	22 ³⁶	4 ¹⁸	0 ³⁵	17 ²⁷	10 ²⁴	29 ⁰ 5	9 ⁰ 8	10 ¹⁷	15 ³⁴	18 ⁵¹	M26
T 27	7 0 37	15 ²⁹ 40	1 ¹¹ 50	14 ³¹	5 ⁵⁰	22 ²⁷	4 ¹⁵	0 ⁴¹	17 ²⁷	10 ²⁴	29 ⁰ 7	9 ⁰ 4	10 ¹⁴	15 ⁴¹	18 ⁴⁸	T 27
W28	7 4 34	16 ³⁰ 48	13 ⁴⁰	16 ¹⁰	7 ⁰ 5	22 ¹⁶	4 ¹²	0 ⁴⁷	17 ²⁸	10 ²³	29 ⁰ 8	9 ⁰ 0	10 ¹¹	15 ⁴⁸	18 ⁴⁴	W28
T 29	7 8 31	17 ³¹ 55	25 ³¹	17 ⁴⁹	8 ²⁰	22 ⁰ 5	4 ⁰ 9	0 ⁵³	17 ²⁹	10 ²³	29 ⁰ 9	8 ⁵⁶	10 ⁰ 8	15 ⁵⁴	18 ⁴¹	T 29
F 30	7 12 27	18 ³³ 02	7 ²⁶ 26	19 ²⁸	9 ³⁵	21 ⁵³	4 ⁰ 5	0 ⁵⁹	17 ³⁰	10 ²³	29 ¹¹	8 ⁵³	10 ⁰ 5	16 ⁰ 1	18 ³⁷	F 30
S 31	7 16 24	19 ³⁴ 08	19 ²⁶	21 ³ 8	10 ⁴⁵ 50	21 ⁴¹	4 ³ 1	1 ³ 5	17 ³¹	10 ²²	29 ¹²	8 ⁵¹	10 ⁰ 1	16 ¹¹ 8	18 ³⁴	S 31

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