



Astrodienst Ephemeris Tables for the year 1606

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 1606

geocentric

JANUARY 1606 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 41 34	10°31'58	25°33'	11°37'	20°13'	28°29'	2°50'	29°56'	22°R25	11°R 5	27°R 9	4°R58	5°25'	11°32'	13°13'	S 1
M 2	6 45 30	11°33'08	8°49'	12°45'	21°25'	29° 2	3° 4	0°33'	22°R23	11°R 4	27°R 9	4°R58	5°22'	11°38'	13°13'	M 2
T 3	6 49 27	12°34'19	22°27'	14°24'	22°37'	29°36'	3°17'	0°10'	22°22'	11° 4	27° 8	4°58'	5°19'	11°45'	13°18'	T 3
W 4	6 53 23	13°35'29	6°28'	16° 2	23°49'	0°11'	3°31'	0°17'	22°21'	11° 3	27° 8	4°56'	5°15'	11°52'	13°24'	W 4
T 5	6 57 20	14°36'40	20°52'	17°42'	25° 1	0°43'	3°45'	0°24'	22°19'	11° 2	27° 8	4°52'	5°12'	11°59'	13°30'	T 5
F 6	7 1 17	15°37'51	5°37'	19°21'	26°12'	1°16'	3°59'	0°30'	22°18'	11° 1	27° 8	4°46'	5° 9	12° 5	13°35'	F 6
S 7	7 5 13	16°39'01	20°37'	21° 1	27°24'	1°49'	4°13'	0°37'	22°17'	11° 1	27° 8	4°36'	5° 6	12°12'	13°41'	S 7
S 8	7 9 10	17°40'11	5°34'	22°42'	28°35'	2°22'	4°27'	0°44'	22°16'	11° 0	27° 8	4°25'	5° 3	12°19'	13°46'	S 8
M 9	7 13 6	18°41'21	20°48'	24°23'	29°47'	2°56'	4°41'	0°51'	22°15'	10°59'	27° 8	4°14'	5° 0	12°25'	13°51'	M 9
T 10	7 17 3	19°42'31	5°38'	26° 4	0°58'	3°29'	4°55'	0°58'	22°14'	10°58'	27° 8	4° 3	4°56'	12°32'	13°56'	T 10
W11	7 20 59	20°43'40	20° 6	27°46'	2° 9	4° 1	5° 9	1° 5	22°13'	10°57'	27°D 8	3°54'	4°53'	12°39'	14° 1	W11
T 12	7 24 56	21°44'48	4°37'	29°27'	3°20'	4°34'	5°23'	1°11'	22°12'	10°56'	27° 8	3°48'	4°50'	12°46'	14° 6	T 12
F 13	7 28 52	22°45'55	17°39'	1°10'	4°31'	5° 7	5°37'	1°18'	22°11'	10°55'	27° 8	3°45'	4°47'	12°52'	14°11'	F 13
S 14	7 32 49	23°47'01	0°43'	2°52'	5°42'	5°39'	5°51'	1°25'	22°10'	10°54'	27° 8	3°D44	4°44'	12°59'	14°16'	S 14
S 15	7 36 46	24°48'06	13°22'	4°35'	6°53'	6°12'	6° 6	1°32'	22° 9	10°53'	27° 8	3°44'	4°40'	13° 6	14°21'	S 15
M16	7 40 42	25°49'11	25°41'	6°17'	8° 3	6°44'	6°20'	1°38'	22° 8	10°52'	27° 8	3°R44	4°37'	13°12'	14°25'	M16
T 17	7 44 39	26°50'14	7°45'	8° 0	9°14'	7°17'	6°34'	1°45'	22° 8	10°51'	27° 8	3°43'	4°34'	13°19'	14°30'	T 17
W18	7 48 35	27°51'17	19°40'	9°42'	10°24'	7°49'	6°48'	1°52'	22° 7	10°50'	27° 8	3°41'	4°31'	13°26'	14°34'	W18
T 19	7 52 32	28°52'18	11°30'	11°24'	11°34'	8°21'	7° 2	1°58'	22° 6	10°49'	27° 9	3°36'	4°28'	13°33'	14°38'	T 19
F 20	7 56 28	29°53'18	13°20'	13° 5	12°44'	8°53'	7°17'	2° 5	22° 6	10°48'	27° 9	3°28'	4°25'	13°39'	14°43'	F 20
S 21	8 0 25	0°54'18	25°14'	14°45'	13°54'	9°25'	7°31'	2°11'	22° 5	10°47'	27° 9	3°18'	4°21'	13°46'	14°47'	S 21
S 22	8 4 21	1°55'16	7°14'	16°24'	15° 4	9°56'	7°45'	2°18'	22° 5	10°45'	27° 9	3° 7	4°18'	13°53'	14°51'	S 22
M23	8 8 18	2°56'13	19°23'	18° 2	16°14'	10°28'	8° 0	2°24'	22° 5	10°44'	27° 9	2°55'	4°15'	13°59'	14°55'	M23
T 24	8 12 15	3°57'10	1°41'	19°38'	17°23'	11° 0	8°14'	2°30'	22° 4	10°43'	27°10	2°43'	4°12'	14° 6	14°58'	T 24
W25	8 16 11	4°58'05	14° 8	21°12'	18°33'	11°31'	8°28'	2°37'	22° 4	10°42'	27°10	2°33'	4° 9	14°13'	15° 2	W25
T 26	8 20 8	5°58'59	26°47'	22°43'	19°42'	12° 2	8°42'	2°43'	22° 4	10°40'	27°10	2°25'	4° 5	14°20'	15° 6	T 26
F 27	8 24 4	6°59'52	9°35'	24°11'	20°51'	12°33'	8°57'	2°49'	22° 3	10°39'	27°11	2°20'	4° 2	14°26'	15° 9	F 27
S 28	8 28 1	8° 0'44	22°35'	25°35'	22° 0	13° 4	9°11'	2°56'	22° 3	10°38'	27°11	2°17'	3°59'	14°33'	15°13'	S 28
S 29	8 31 57	9° 1'35	5°46'	26°54'	23° 8	13°35'	9°25'	3° 2	22° 3	10°36'	27°12	2°D17	3°56'	14°40'	15°16'	S 29
M30	8 35 54	10° 2'25	19°11'	28° 8	24°17'	14° 6	9°40'	3° 8	22°D 3	10°35'	27°12	2°18'	3°53'	14°46'	15°19'	M30
T 31	8 39 50	11° 3'15	2°15'50	29°16'	25°12'5	14°13'7	9°54'	3°14'	22°R 3	10°34'	27°12	2°19'	3°50'	14°53'	15°22'	T 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
S 1	23s 4	1n 1	0s50	24s54	1s53	16s26	1s45	9s35	1n28	20s 7	0s34	22s39	0n50	18n11	0s14	8n19
M 2	22 59	3s12	0n20	24 48	1 56	16 1	1 43	9 47	1 28	20 4	0 34	22 39	0 50	18 10	0 14	8 20
T 3	22 54	7 21	1 31	24 40	1 58	15 36	1 42	9 59	1 28	20 1	0 34	22 39	0 50	18 10	0 14	8 20
W 4	22 48	11 13	2 38	24 31	2 0	15 11	1 40	10 11	1 28	19 58	0 35	22 40	0 50	18 10	0 14	8 20
T 5	22 41	14 31	3 37	24 20	2 2	14 45	1 38	10 23	1 27	19 55	0 35	22 40	0 50	18 9	0 14	8 21
F 6	22 34	16 58	4 23	24 8	2 4	14 18	1 36	10 34	1 27	19 52	0 35	22 40	0 50	18 9	0 14	8 21
S 7	22 27	18 18	4 52	23 54	2 5	13 52	1 33	10 46	1 27	19 48	0 35	22 40	0 50	18 9	0 14	8 21
S 8	22 19	18 21	5 1	23 38	2 6	13 25	1 31	10 57	1 27	19 45	0 35	22 40	0 50	18 9	0 14	8 22
M 9	22 11	17 7	4 49	23 21	2 6	12 57	1 29	11 9	1 27	19 42	0 35	22 40	0 50	18 8	0 14	8 22
T 10	22 5	14 45	4 17	23 2	2 6	12 30	1 26	11 20	1 27	19 38	0 35	22 40	0 49	18 8	0 14	8 22
W11	21 53	11 30	3 29	22 42	2 5	12 2	1 24	11 31	1 27	19 35	0 35	22 40	0 49	18 8	0 14	8 23
T 12	21 44	7 41	2 30	22 20	2 4	11 34	1 21	11 42	1 27	19 32	0 35	22 40	0 49	18 8	0 14	8 23
F 13	21 34	3 36	1 24	21 56	2 3	11 5	1 18	11 53	1 27	19 28	0 35	22 40	0 49	18 7	0 14	8 24
S 14	21 23	0n32	0 16	21 31	2 0	10 37	1 15	12 4	1 27	19 25	0 35	22 40	0 49	18 7	0 14	8 24
S 15	21 13	4 30	0s51	21 4	1 58	10 8	1 13	12 15	1 27	19 21	0 35	22 39	0 49	18 7	0 14	8 24
M16	21 1	11 11	1 54	20 35	1 54	9 38	1 9	12 26	1 27	19 18	0 35	22 39	0 49	18 7	0 14	8 25
T 17	20 50	11 26	2 51	20 5	1 51	9 9	1 6	12 36	1 26	19 14	0 35	22 39	0 49	18 7	0 14	8 25
W18	20 38	14 10	3 39	19 34	1 46	8 39	1 3	12 47	1 26	19 11	0 35	22 39	0 49	18 7	0 14	8 26
T 19	20 26	16 18	4 17	19 1	1 41	8 10	1 0	12 57	1 26	19 7	0 36	22 39	0 49	18 6	0 14	8 26
F 20	20 13	17 44	4 45	18 26	1 35	7 40	0 56	13 8	1 26	19 4	0 36	22 39	0 49	18 6	0 14	8 27
S 21	20 0	18 24	5 0	17 51	1 28	7 9	0 53	13 18	1 26	19 0	0 36	22 39	0 49	18 6	0 14	8 27
S 22	19 46	18 15	5 2	17 14	1 21	6 39	0 49	13 28	1 26	18 57	0 36	22 39	0 49	18 6	0 14	8 28
M23	19 33	17 17	4 51	16 37	1 13	6 9	0 46	13 38	1 26	18 53	0 36	22 39	0 49	18 6	0 14	8 28
T 24	19 18	15 30	4 26	15 58	1 4	5 38	0 42	13 48	1 25	18 49	0 36	22 39	0 49	18 6	0 14	8 29
W25	19 4	12 59	3 48	15 19	0 54	5 7	0 38	13 58	1 25	18 46	0 36	22 39	0 49	18 6	0 14	8 29
T 26	18 49	9 49	2 58	14 39	0 43	4 37	0 34	14 8	1 25	18 42	0 36	22 39	0 49	18 6	0 14	8 30
F 27	18 34	6 10	1 59	13 59	0 32	4 6	0 30	14 17	1 25	18 38	0 36	22 39	0 49	18 6	0 14	8 30
S 28	18 18	2 9	0 52	13 20	0 20	3 35	0 26	14 27	1 25	18 35	0 36	22 38	0 49	18 6	0 14	8 31
S 29	18 2	2s 1	0n19	12 40	0 7	3 4	0 22	14 36	1 24	18 31	0 36	22 38	0 49	18 6	0 14	8 31
M30	17 46	6 9	1 30	12 2	0n 7	2 33	0 17	14 46	1 24	18 27	0 36	22 38	0 49	18 6	0 14	8 32
T 31	17s29	10s 2	2n37	11s25	0n22	2s 1	0s13	14s55	1n24	18s23	0s36	22s38	0n49	18n 6	0s14	8n32

Julian Day Number = 2307639.5, Delta T = 81.25 sec
 Ecliptic obliquity = 23°29'16", Nutation = 0°00'02", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 19°14'29", Lahiri = 18°21'30"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1606

geocentric

MARCH 1606 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 34 10	10♌16'30	27♍39	18°D33	26°Y36	28♍10	16°43	5°345	22°827	9°R48	27°Y34	1°12	2°17	18°II 8	16°R 4	W 1
T 2	10 38 7	11°16'32	11♌48	18°36	27°35	28°35	16°57	5°50	22°29	9°46	27°35	1°R12	2°14	18°15	16°M 3	T 2
F 3	10 42 4	12°16'32	26° 2	18°44	28°34	28°59	17°11	5°54	22°30	9°44	27°36	1°12	2°11	18°21	16° 3	F 3
S 4	10 46 0	13°16'30	10♌17	18°59	29°32	29°23	17°24	5°58	22°32	9°43	27°37	1°10	2° 8	18°28	16° 2	S 4
S 5	10 49 57	14°16'27	24°31	19°19	0°30	29°47	17°38	6° 2	22°34	9°41	27°38	1° 8	2° 5	18°35	16° 2	S 5
M 6	10 53 53	15°16'21	8°41	19°44	1°28	0°11	17°52	6° 6	22°35	9°39	27°39	1° 6	2° 2	18°42	16° 1	M 6
T 7	10 57 50	16°16'15	22°42	20°14	2°25	0°34	18° 5	6°10	22°37	9°38	27°40	1° 4	1°58	18°48	16° 0	T 7
W 8	11 1 46	17°16'06	6°31	20°48	3°21	0°58	18°19	6°13	22°39	9°36	27°41	1° 2	1°55	18°55	15°59	W 8
T 9	11 5 43	18°15'55	20° 4	21°26	4°17	1°20	18°32	6°17	22°41	9°34	27°42	1° 2	1°52	19° 2	15°58	T 9
F 10	11 9 39	19°15'42	3°Y20	22° 9	5°12	1°43	18°45	6°20	22°43	9°33	27°43	1°D 1	1°49	19° 8	15°57	F 10
S 11	11 13 36	20°15'27	16°18	22°55	6° 7	2° 5	18°59	6°24	22°45	9°31	27°44	1° 2	1°46	19°15	15°56	S 11
S 12	11 17 33	21°15'10	28°57	23°45	7° 1	2°27	19°12	6°27	22°47	9°30	27°45	1° 2	1°42	19°22	15°55	S 12
M13	11 21 29	22°14'51	11♌21	24°37	7°54	2°48	19°25	6°31	22°49	9°28	27°46	1° 3	1°39	19°29	15°53	M13
T 14	11 25 26	23°14'29	23°30	25°33	8°47	3° 9	19°38	6°34	22°51	9°26	27°48	1° 4	1°36	19°35	15°52	T 14
W15	11 29 22	24°14'06	5°II30	26°32	9°39	3°30	19°51	6°37	22°53	9°25	27°49	1° 5	1°33	19°42	15°50	W15
T 16	11 33 19	25°13'40	17°24	27°33	10°30	3°50	20° 4	6°40	22°55	9°23	27°50	1° 5	1°30	19°49	15°48	T 16
F 17	11 37 15	26°13'11	29°17	28°37	11°20	4°10	20°17	6°43	22°58	9°21	27°51	1°R 5	1°27	19°56	15°46	F 17
S 18	11 41 12	27°12'41	11♌13	29°43	12°10	4°30	20°30	6°46	23° 0	9°20	27°52	1° 5	1°23	20° 2	15°44	S 18
S 19	11 45 8	28°12'08	23°18	0°X52	12°59	4°49	20°43	6°49	23° 2	9°18	27°54	1° 5	1°20	20° 9	15°42	S 19
M20	11 49 5	29°11'33	5°L34	2° 3	13°47	5° 8	20°56	6°51	23° 5	9°17	27°55	1° 5	1°17	20°16	15°40	M20
T 21	11 53 2	0°Y10'55	18° 7	3°16	14°34	5°27	21° 8	6°54	23° 7	9°15	27°56	1° 5	1°14	20°22	15°38	T 21
W22	11 56 58	1°10'15	0°Y57	4°31	15°21	5°45	21°21	6°56	23° 9	9°14	27°57	1°D 4	1°11	20°29	15°35	W22
T 23	12 0 55	2° 9'33	14° 7	5°48	16° 6	6° 2	21°34	6°59	23°12	9°12	27°58	1° 5	1° 8	20°36	15°33	T 23
F 24	12 4 51	3° 8'49	27°37	7° 6	16°50	6°20	21°46	7° 1	23°14	9°11	28° 0	1°R 5	1° 4	20°43	15°30	F 24
S 25	12 8 48	4° 8'03	11♌26	8°27	17°34	6°36	21°59	7° 3	23°17	9° 9	28° 1	1° 5	1° 1	20°49	15°28	S 25
S 26	12 12 44	5° 7'14	25°29	9°49	18°16	6°53	22°11	7° 6	23°19	9° 8	28° 2	1° 4	0°58	20°56	15°25	S 26
M27	12 16 41	6° 6'24	9°M44	11°13	18°57	7° 8	22°23	7° 8	23°22	9° 6	28° 4	1° 4	0°55	21° 3	15°22	M27
T 28	12 20 37	7° 5'32	24° 5	12°39	19°37	7°24	22°35	7°10	23°25	9° 5	28° 5	1° 3	0°52	21° 9	15°19	T 28
W29	12 24 34	8° 4'38	8°X28	14° 6	20°16	7°39	22°47	7°11	23°27	9° 3	28° 6	1° 3	0°48	21°16	15°16	W29
T 30	12 28 30	9° 3'42	22°49	15°35	20°54	7°53	23° 0	7°13	23°30	9° 2	28° 7	1° 2	0°45	21°23	15°13	T 30
F 31	12 32 27	10°Y 2'45	7°3 5	17°X 5	21°X30	8°X 7	23°12	7°15	23°33	9°11	28°Y 9	1°D 2	0°42	21°II30	15°M10	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	decl	lat
W 1	7s44	15s24	4n23	13s38	1n45	12n28	2n20	18s37	1n12	16s29	0s39	22s33	0n48	18n13	0s13	8n50	1n 0	4s48	16s30	0s29	0s55	17n59	14s58	1n47					
T 2	7 21	17 20	4 58	13 50	1 31	12 55	2 26	18 43	1 12	16 25	0 40	22 33	0 48	18 13	0 13	8 51	1 0	4 47	16 30	0 29	0 54	18 0	14 57	1 48					
F 3	6 58	18 12	5 14	14 1	1 18	13 21	2 32	18 49	1 11	16 21	0 40	22 33	0 48	18 13	0 13	8 52	1 0	4 47	16 29	0 29	0 52	18 0	14 57	1 48					
S 4	6 35	17 55	5 11	14 9	1 4	13 48	2 38	18 55	1 10	16 17	0 40	22 33	0 48	18 14	0 13	8 52	1 0	4 46	16 29	0 28	0 51	18 0	14 56	1 49					
S 5	6 12	16 31	4 50	14 16	0 51	14 14	2 44	19 1	1 10	16 13	0 40	22 33	0 48	18 14	0 13	8 53	1 0	4 46	16 29	0 27	0 50	18 1	14 56	1 49					
M 6	5 49	14 6	4 10	14 20	0 38	14 40	2 50	19 6	1 9	16 9	0 40	22 32	0 48	18 15	0 13	8 53	1 0	4 45	16 29	0 26	0 48	18 1	14 55	1 50					
T 7	5 26	10 53	3 16	14 23	0 25	15 5	2 56	19 12	1 8	16 5	0 40	22 32	0 48	18 15	0 13	8 54	1 0	4 44	16 28	0 26	0 47	18 1	14 54	1 50					
W 8	5 2	7 6	2 11	14 24	0 12	15 30	3 2	19 18	1 7	16 1	0 40	22 32	0 48	18 16	0 13	8 55	1 0	4 44	16 28	0 25	0 46	18 2	14 53	1 51					
T 9	4 39	3 1	1 0	14 23	0 1	15 55	3 8	19 23	1 7	15 57	0 41	22 32	0 48	18 16	0 13	8 55	1 0	4 43	16 28	0 25	0 45	18 2	14 53	1 51					
F 10	4 16	1n 8	0s13	14 20	0s11	16 19	3 14	19 28	1 6	15 53	0 41	22 32	0 48	18 17	0 13	8 56	1 0	4 43	16 28	0 24	0 43	18 2	14 52	1 52					
S 11	3 52	5 8	1 24	14 15	0 22	16 43	3 20	19 33	1 5	15 49	0 41	22 32	0 48	18 17	0 13	8 57	1 0	4 42	16 27	0 25	0 42	18 3	14 51	1 52					
S 12	3 28	8 49	2 29	14 9	0 33	17 7	3 26	19 39	1 4	15 45	0 41	22 31	0 48	18 18	0 13	8 57	1 0	4 41	16 27	0 25	0 41	18 3	14 50	1 53					
M13	3 5	12 1	3 25	14 1	0 43	17 30	3 31	19 44	1 3	15 41	0 41	22 31	0 48	18 18	0 13	8 58	1 0	4 41	16 27	0 25	0 40	18 3	14 49	1 53					
T 14	2 41	14 38	4 12	13 51	0 53	17 53	3 37	19 49	1 2	15 37	0 41	22 31	0 48	18 19	0 13	8 58	1 0	4 40	16 27	0 26	0 38	18 4	14 48	1 54					
W15	2 18	16 34	4 46	13 40	1 2	18 15	3 43	19 53	1 2	15 33	0 41	22 31	0 48	18 19	0 13	8 59	1 0	4 40	16 27	0 26	0 37	18 4	14 47	1 54					
T 16	1 54	17 47	5 8	13 27	1 11	18 37	3 49	19 58	1 1	15 29	0 42	22 31	0 49	18 20	0 13	9 0	1 0	4 39	16 26	0 26	0 36	18 4	14 46	1 55					
F 17	1 30	18 12	5 17	13 13	1 19	18 59	3 55	20 3	1 0	15 25	0 42	22 31	0 49	18 21	0 13	9 0	1 0	4 38	16 26	0 26	0 35	18 5	14 45	1 55					
S 18	1 7	17 50	5 12	12 57	1 27	19 20	4 0	20 7	0 59	15 21	0 42	22 30	0 49	18 21	0 13	9 1	1 0	4 38	16 26	0 26	0 33	18 5	14 44	1 56					
S 19	0 43	16 39	4 54	12 39	1 34	19 40	4 6	20 12	0 58	15 17	0 42	22 30	0 49	18 22	0 13	9 1	1 0	4 37	16 26	0 26	0 32	18 5	14 43	1 56					
M20	0 19	14 41	4 22	12 20	1 41	20 0	4 12	20 16	0 57	15 13	0 42	22 30	0 49	18 22	0 13	9 2	1 0	4 37	16 26	0 26	0 31	18 6	14 42	1 57					
T 21	0n 4	12 0	3 36	12 0	1 48	20 20	4 17	20 21	0 55	15 9	0 42	22 30	0 49	18 23	0 13	9 3	1 0	4 36	16 25	0 26	0 29	18 6	14 41	1 57					
W22	0 28	8 40	2 39	11 38	1 54	20 39	4 23	20 25	0 54	15 5	0 42	22 30	0 49	18 24	0 13	9 3	1 0	4 36	16 25	0 26	0 28	18 6	14 40	1 58					
T 23	0 52	4 50	1 33	11 15	1 59	20 58	4 28	20 29	0 53	15 1	0 43	22 30	0 49	18 24	0 13	9 4	1 0	4 35	16 25	0 26	0 27	18 6	14 39	1 58					
F 24	1 15	0 39	0 19	10 50	2 4	21 16	4 33	20 33	0 52	14 57	0 43	22 30	0 49	18 25	0 13	9 4	1 0	4 34	16 25	0 26	0 26	18 7	14 38	1 59					
S 25	1 39	3s39	0n57	10 24	2 9	21 33	4 39	20 37	0 51	14 53	0 43	22 29	0 49	18 26	0 13	9 5	1 0	4 34	16 25	0 26	0 24	18 7	14 36	1 59					
S 26	2 2	7 50	2 11	9 57	2 13	21 51	4 44	20 41	0 50	14 49	0 43	22 29	0 49	18 26	0 13	9 5	1 0	4 33	16 25	0 26	0 23	18 7	14 35	2 0					
M27	2 26	11 37	3 18	9 28	2 16	22 7	4 49	20 45	0 48	14 46	0 43	22 29	0 49	18 27	0 13	9 6	1 0	4 33	16 24	0 25	0 22	18 8	14 34	2 0					
T 28	2 49	14 44	4 13	8 58	2 19	22 23	4 54	20 49	0 47	14 42	0 43	22 29	0 49	18 28	0 13	9 7	1 0	4 32	16 24	0 25	0 21	18 8	14 33	2 1					
W29	3 13	16 57	4 53	8 27	2 22	22 39	4 59	20 53	0 46	14 38	0 44	22 29	0 49	18 28	0 13	9 7	1 0	4 32	16 24	0 25	0 19	18 8	14 31	2 1					
T 30	3 36	18 4	5 14	7 54	2 24	22 53	5 4	20 56	0 44	14 34	0 44	22 29	0 49	18 29	0 13	9 8	1 0	4 31	16 24	0 25	0 18	18 8	14 30	2 1					
F 31	3n59	18s 3	5n15	7s21	2s26	23n 8	5n 8	21s 0	0n43	14s30	0s44	22s29	0n49	18n30	0s13	9n 8	1n 0	4s30	16s24	0s25	0s17	18n 9	14s29	2n 2					

ASTRODIENST EPHEMERIS for the year 1606
geocentric

APRIL 1606 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 36 24	11°14'5	21°12	18°38	22°8 5	8°21	23°23	7°16	23°36	8°R59	28°10	1°2	0°39	21°36	15°R 7	S 1
S 2	12 40 20	12° 0'44	5°10	20°11	22°39	8°33	23°35	7°18	23°38	8°158	28°11	1° 2	0°36	21°43	15°M 4	S 2
M 3	12 44 17	12°59'42	18°55	21°46	23°11	8°46	23°47	7°19	23°41	8°57	28°13	1° 3	0°33	21°50	15° 0	M 3
T 4	12 48 13	13°58'37	2°29	23°23	23°42	8°57	23°59	7°21	23°44	8°55	28°14	1° 4	0°29	21°56	14°57	T 4
W 5	12 52 10	14°57'30	15°51	25° 1	24°12	9° 9	24°10	7°22	23°47	8°54	28°15	1° 5	0°26	22° 3	14°53	W 5
T 6	12 56 6	15°56'22	28°59	26°41	24°40	9°19	24°22	7°23	23°50	8°53	28°17	1°R 6	0°23	22°10	14°50	T 6
F 7	13 0 3	16°55'12	11°54	28°22	25° 6	9°29	24°33	7°24	23°53	8°51	28°18	1° 5	0°20	22°17	14°46	F 7
S 8	13 3 59	17°53'59	24°36	0°5	25°30	9°39	24°44	7°25	23°56	8°50	28°20	1° 4	0°17	22°23	14°42	S 8
S 9	13 7 56	18°52'45	7°5	1°50	25°53	9°47	24°55	7°26	23°59	8°49	28°21	1° 2	0°14	22°30	14°39	S 9
M10	13 11 53	19°51'29	19°22	3°36	26°14	9°56	25° 7	7°26	24° 2	8°48	28°22	1° 0	0°10	22°37	14°35	M10
T 11	13 15 49	20°50'10	1°29	5°23	26°33	10° 3	25°18	7°27	24° 5	8°47	28°24	0°56	0° 7	22°44	14°31	T 11
W12	13 19 46	21°48'50	13°27	7°12	26°50	10°10	25°28	7°27	24° 8	8°45	28°25	0°53	0° 4	22°50	14°27	W12
T 13	13 23 42	22°47'27	25°21	9° 3	27° 5	10°16	25°39	7°28	24°11	8°44	28°26	0°50	0° 1	22°57	14°23	T 13
F 14	13 27 39	23°46'02	7°513	10°56	27°18	10°22	25°50	7°28	24°14	8°43	28°28	0°48	29°158	23° 4	14°19	F 14
S 15	13 31 35	24°44'35	19° 8	12°49	27°29	10°27	26° 1	7°28	24°17	8°42	28°29	0°47	29°54	23°10	14°15	S 15
S 16	13 35 32	25°43'05	1°11	14°45	27°37	10°31	26°11	7°28	24°20	8°41	28°30	0°D47	29°51	23°17	14°11	S 16
M17	13 39 28	26°41'34	13°26	16°42	27°44	10°35	26°21	7°R28	24°24	8°40	28°32	0°48	29°48	23°24	14° 6	M17
T 18	13 43 25	27°40'00	25°57	18°41	27°48	10°38	26°32	7°28	24°27	8°39	28°33	0°50	29°45	23°31	14° 2	T 18
W19	13 47 22	28°38'24	8°194	20°41	27°R50	10°40	26°42	7°28	24°30	8°38	28°35	0°51	29°42	23°37	13°58	W19
T 20	13 51 18	29°36'46	22° 5	22°43	27°49	10°41	26°52	7°28	24°33	8°37	28°36	0°52	29°39	23°44	13°54	T 20
F 21	13 55 15	0°35'06	5°46	24°46	27°46	10°42	27° 2	7°27	24°37	8°36	28°37	0°R53	29°35	23°51	13°49	F 21
S 22	13 59 11	1°33'24	19°50	26°50	27°40	10°R42	27°12	7°27	24°40	8°36	28°39	0°51	29°32	23°57	13°45	S 22
S 23	14 3 8	2°31'40	4°16	28°56	27°32	10°41	27°21	7°26	24°43	8°35	28°40	0°49	29°29	24° 4	13°40	S 23
M24	14 7 4	3°29'55	18°57	1°3	27°22	10°40	27°31	7°26	24°46	8°34	28°42	0°45	29°26	24°11	13°36	M24
T 25	14 11 1	4°28'07	3°17	3°11	27° 9	10°37	27°41	7°25	24°50	8°33	28°43	0°40	29°23	24°18	13°32	T 25
W26	14 14 57	5°26'18	18°36	5°19	26°54	10°35	27°50	7°24	24°53	8°32	28°44	0°35	29°19	24°24	13°27	W26
T 27	14 18 54	6°24'28	3°19	7°29	26°36	10°31	27°59	7°23	24°56	8°32	28°46	0°31	29°16	24°31	13°23	T 27
F 28	14 22 51	7°22'36	17°47	9°38	26°16	10°26	28° 8	7°22	25° 0	8°31	28°47	0°28	29°13	24°38	13°18	F 28
S 29	14 26 47	8°20'43	1°59	11°48	25°54	10°21	28°17	7°21	25° 3	8°30	28°48	0°26	29°10	24°45	13°13	S 29
S 30	14 30 44	9°18'48	15°52	13°58	25°29	10°15	28°26	7°20	25° 7	8°1930	28°150	0°D26	29°17	24°151	13°M 9	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	decl	lat	
S 1	4n22	16s55	4n57	6s46	2s27	23n21	5n13	21s 4	0n41	14s27	0s44	22s29	0n49	18n30	0s13	9n 9	1n 0	4s30	16s24	0s25	0s16	18n 9	14s27	2n 2						
S 2	4 45	14 46	4 22	6 9	2 27	23 34	5 17	21 7	0 40	14 23	0 44	22 29	0 49	18 31	0 13	9 9	1 0	4 29	16 24	0 25	0 14	18 9	14 26	2 3						
M 3	5 9	11 49	3 33	5 32	2 28	23 47	5 21	21 11	0 38	14 19	0 44	22 29	0 49	18 32	0 13	9 10	1 0	4 29	16 24	0 25	0 13	18 10	14 24	2 3						
T 4	5 31	8 15	2 32	4 53	2 27	23 59	5 25	21 14	0 37	14 15	0 45	22 29	0 49	18 33	0 13	9 10	1 0	4 28	16 24	0 26	0 12	18 10	14 23	2 4						
W 5	5 54	4 19	1 23	4 13	2 26	24 10	5 29	21 17	0 35	14 12	0 45	22 28	0 49	18 33	0 12	9 11	1 0	4 28	16 23	0 26	0 10	18 10	14 21	2 4						
T 6	6 17	0 14	0 12	3 32	2 25	24 20	5 33	21 20	0 34	14 8	0 45	22 28	0 49	18 34	0 12	9 11	1 0	4 27	16 23	0 26	0 9	18 10	14 20	2 5						
F 7	6 40	3n48	0s59	2 50	2 23	24 30	5 36	21 24	0 32	14 4	0 45	22 28	0 49	18 35	0 12	9 11	1 0	4 27	16 23	0 26	0 8	18 11	14 18	2 5						
S 8	7 2	7 36	2 6	2 7	2 21	24 39	5 39	21 27	0 30	14 1	0 45	22 28	0 49	18 36	0 12	9 12	1 0	4 26	16 23	0 26	0 7	18 11	14 17	2 6						
S 9	7 25	10 59	3 6	1 23	2 18	24 48	5 42	21 30	0 28	13 57	0 46	22 28	0 49	18 36	0 12	9 12	1 0	4 25	16 23	0 25	0 5	18 11	14 15	2 6						
M10	7 47	13 49	3 56	0 37	2 14	24 56	5 45	21 33	0 26	13 54	0 46	22 28	0 49	18 37	0 12	9 13	1 0	4 25	16 23	0 24	0 4	18 11	14 14	2 6						
T 11	8 9	16 1	4 34	0n 9	2 11	25 3	5 47	21 36	0 25	13 50	0 46	22 28	0 49	18 38	0 12	9 13	1 0	4 24	16 23	0 22	0 3	18 12	14 12	2 7						
W12	8 31	17 30	5 0	0 56	2 6	25 9	5 49	21 39	0 23	13 47	0 46	22 28	0 49	18 39	0 12	9 14	1 0	4 24	16 23	0 21	0 2	18 12	14 11	2 7						
T 13	8 53	18 12	5 13	1 44	2 1	25 14	5 51	21 42	0 21	13 43	0 46	22 28	0 49	18 39	0 12	9 14	1 0	4 23	16 23	0 20	0 0	18 12	14 9	2 8						
F 14	9 15	18 5	5 12	2 33	1 56	25 19	5 53	21 44	0 19	13 40	0 46	22 28	0 49	18 40	0 12	9 14	1 0	4 23	16 23	0 19	0n 1	18 12	14 8	2 8						
S 15	9 36	17 11	4 59	3 23	1 50	25 22	5 54	21 47	0 17	13 36	0 47	22 28	0 49	18 41	0 12	9 15	1 0	4 22	16 23	0 19	0 2	18 12	14 6	2 9						
S 16	9 58	15 31	4 31	4 14	1 43	25 25	5 55	21 50	0 15	13 33	0 47	22 28	0 49	18 42	0 12	9 15	1 0	4 22	16 23	0 19	0 3	18 13	14 4	2 9						
M17	10 19	13 7	3 52	5 6	1 36	25 27	5 55	21 52	0 12	13 30	0 47	22 28	0 49	18 42	0 12	9 16	1 0	4 21	16 23	0 19	0 5	18 13	14 3	2 9						
T 18	10 40	10 4	3 0	5 58	1 29	25 28	5 55	21 55	0 10	13 26	0 47	22 28	0 49	18 43	0 12	9 16	1 0	4 21	16 23	0 20	0 6	18 13	14 1	2 10						
W19	11 1	6 27	1 58	6 50	1 21	25 28	5 54	21 58	0 8	13 23	0 47	22 28	0 49	18 44	0 12	9 16	1 0	4 20	16 23	0 20	0 7	18 13	13 59	2 10						
T 20	11 21	2 25	0 48	7 43	1 13	25 27	5 54	22 0	0 6	13 20	0 48	22 28	0 49	18 45	0 12	9 17	1 0	4 20	16 23	0 21	0 9	18 14	13 58	2 11						
F 21	11 42	1s53	0n27	8 37	1 4	25 25	5 52	22 3	0 3	13 17	0 48	22 28	0 49	18 46	0 12	9 17	1 0	4 19	16 23	0 21	0 10	18 14	13 56	2 11						
S 22	12 2	6 12	1 42	9 31	0 55	25 22	5 50	22 5	0 1	13 13	0 48	22 28	0 49	18 47	0 12	9 17	1 0	4 19	16 23	0 21	0 11	18 14	13 54	2 11						
S 23	12 23	10 16	2 52	10 24	0 46	25 17	5 48	22 7	0s 2	13 10	0 48	22 28	0 49	18 47	0 12	9 18	1 0	4 19	16 23	0 19	0 12	18 14	13 53	2 12						
M24	12 42	13 46	3 53	11 18	0 36	25 12	5 45	22 10	0 4	13 7	0 49	22 28	0 49	18 48	0 12	9 18	1 0	4 18	16 23	0 18	0 14	18 14	13 51	2 12						
T 25	13 2	16 24	4 38	12 12	0 26	25 6	5 41	22 12	0 7	13 4	0 49	22 28	0 49	18 49	0 12	9 18	1 0	4 18	16 23	0 16	0 15	18 15	13 49	2 13						
W26	13 22	17 56	5 4	13 5	0 15	24 58	5 37	22 14	0 9	13 1	0 49	22 28	0 49	18 50	0 12	9 18	1 0	4 17	16 23	0 14	0 16	18 15	13 48	2 13						
T 27	13 41	18 16	5 11	13 57	0 5	24 49	5 32	22 16	0 12	12 58	0 49	22 28	0 49	18 51	0 12	9 19	1 0	4 17	16 23	0 12	0 17	18 15	13 46	2 13						
F 28	14 0	17 23	4 57	14 49	0n 6	24 39	5 27	22 18	0 15	12 55	0 49	22 28	0 49	18 51	0 12	9 19	1 0	4 16	16 23	0 11	0 19	18 15	13 44	2 14						
S 29	14 19	15 27	4 26	15 40	0 16	24 28	5 21	22 20	0 17	12 52	0 50	22 28	0 49	18 52	0 12	9 19	1 0	4 16	16 23	0 11	0 20	18 15	13 43	2 14						
S 30	14n38	12s38	3n39	16n29	0n27	24n15	5n14	22s22	0s20	12s49	0s50	22s29	0n49	18n53	0s12	9n19	1n 0	4s15	16s23	0s11	0n21	18n16	13s41	2n14						

ASTRODIENST EPHEMERIS for the year 1606
geocentric

MAY 1606 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 34 40	10♌16'52	29♎25	16♏7	25°R 3	10°R 8	28♎35	7°R18	25♏10	8°R29	28♏51	0♎27	29♎4	24♏58	13°R 4	M 1
T 2	14 38 37	11°14'54	12♏42	18°16	24♏34	10♏1	28°44	7♏17	25°13	8♎28	28°52	0°29	29° 0	25° 5	13♎0	T 2
W 3	14 42 33	12°12'55	25°42	20°23	24° 4	9°52	28°52	7°15	25°17	8°28	28°54	0°R30	28°57	25°11	12°55	W 3
T 4	14 46 30	13°10'55	8♏29	22°30	23°32	9°43	29° 0	7°14	25°20	8°27	28°55	0°30	28°54	25°18	12°51	T 4
F 5	14 50 26	14° 8'53	21° 4	24°35	22°59	9°33	29° 9	7°12	25°24	8°27	28°56	0°28	28°51	25°25	12°46	F 5
S 6	14 54 23	15° 6'49	3♏29	26°38	22°24	9°23	29°17	7°10	25°27	8°26	28°58	0°23	28°48	25°32	12°42	S 6
S 7	14 58 19	16° 4'45	15°44	28°38	21°48	9°12	29°25	7° 8	25°31	8°26	28°59	0°17	28°45	25°38	12°37	S 7
M 8	15 2 16	17° 2'38	27°52	0♏37	21°12	9° 0	29°32	7° 7	25°34	8°26	29° 0	0° 9	28°41	25°45	12°32	M 8
T 9	15 6 13	18° 0'30	9♏53	2°33	20°35	8°47	29°40	7° 4	25°38	8°25	29° 2	0° 0	28°38	25°52	12°28	T 9
W10	15 10 9	18°58'21	21°48	4°27	19°57	8°34	29°48	7° 2	25°41	8°25	29° 3	29♎51	28°35	25°59	12°23	W10
T 11	15 14 6	19°56'10	3♏40	6°18	19°19	8°20	29°55	7° 0	25°45	8°25	29° 4	29°43	28°32	26° 5	12°19	T 11
F 12	15 18 2	20°53'57	15°32	8° 6	18°42	8° 5	0♏2	6°58	25°48	8°24	29° 6	29°36	28°29	26°12	12°14	F 12
S 13	15 21 59	21°51'43	27°26	9°50	18° 4	7°50	0° 9	6°55	25°52	8°24	29° 7	29°31	28°25	26°19	12°10	S 13
S 14	15 25 55	22°49'27	9♏27	11°32	17°28	7°34	0°16	6°53	25°55	8°24	29° 8	29°28	28°22	26°25	12° 6	S 14
M15	15 29 52	23°47'10	21°38	13°11	16°52	7°17	0°23	6°50	25°59	8°24	29°10	29°D26	28°19	26°32	12° 1	M15
T 16	15 33 49	24°44'50	4♎6	14°46	16°17	7° 0	0°30	6°48	26° 2	8°23	29°11	29°27	28°16	26°39	11°57	T 16
W17	15 37 45	25°42'30	16°55	16°18	15°43	6°43	0°36	6°45	26° 6	8°23	29°12	29°28	28°13	26°46	11°52	W17
T 18	15 41 42	26°40'07	0♏8	17°47	15°11	6°25	0°42	6°42	26° 9	8°23	29°13	29°R28	28°10	26°52	11°48	T 18
F 19	15 45 38	27°37'43	13°49	19°13	14°40	6° 7	0°49	6°39	26°13	8°23	29°15	29°27	28° 6	26°59	11°44	F 19
S 20	15 49 35	28°35'18	27°58	20°35	14°12	5°48	0°55	6°37	26°16	8°D23	29°16	29°24	28° 3	27° 6	11°40	S 20
S 21	15 53 31	29°32'51	12♎34	21°54	13°45	5°29	1° 0	6°34	26°20	8°23	29°17	29°19	28° 0	27°12	11°35	S 21
M22	15 57 28	0♏30'24	27°31	23° 9	13°20	5°10	1° 6	6°30	26°23	8°23	29°18	29°12	27°57	27°19	11°31	M22
T 23	16 1 24	1°27'55	12♏40	24°21	12°57	4°50	1°12	6°27	26°27	8°23	29°19	29° 3	27°54	27°26	11°27	T 23
W24	16 5 21	2°25'25	27°52	25°29	12°37	4°30	1°17	6°24	26°30	8°23	29°21	28°54	27°51	27°33	11°23	W24
T 25	16 9 18	3°22'54	12♏55	26°33	12°18	4°10	1°22	6°21	26°34	8°24	29°22	28°45	27°47	27°39	11°19	T 25
F 26	16 13 14	4°20'22	27°42	27°34	12° 3	3°50	1°27	6°18	26°37	8°24	29°23	28°39	27°44	27°46	11°15	F 26
S 27	16 17 11	5°17'49	12♎5	28°31	11°49	3°30	1°32	6°14	26°41	8°24	29°24	28°35	27°41	27°53	11°11	S 27
S 28	16 21 7	6°15'16	26° 3	29°24	11°38	3° 9	1°37	6°11	26°44	8°24	29°25	28°33	27°38	28° 0	11° 8	S 28
M29	16 25 4	7°12'41	9♏36	0♏13	11°30	2°49	1°41	6° 7	26°48	8°25	29°26	28°D32	27°35	28° 6	11° 4	M29
T 30	16 29 0	8°10'07	22°45	0°58	11°24	2°29	1°46	6° 4	26°51	8°25	29°28	28°R32	27°31	28°13	11° 0	T 30
W31	16 32 57	9♏7'31	5♏35	1♏39	11°20	2♏8	1♏50	6♏0	26♏55	8♎25	29♏29	28♎32	27♎28	28♏20	10♎56	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	14n56	9s11	2n41	17n18	0n38	24n 1	5n 7	22s24	0s23	12s46	0s50	22s29	0n49	18n54	0s12	9n20
T 2	15 14	5 21	1 35	18 4	0 48	23 47	4 59	22 26	0 26	12 44	0 50	22 29	0 49	18 55	0 12	9 20
W 3	15 32	1 19	0 26	18 49	0 58	23 31	4 50	22 27	0 29	12 41	0 51	22 29	0 49	18 56	0 12	9 20
T 4	15 50	2n43	0s43	19 31	1 8	23 13	4 41	22 29	0 32	12 38	0 51	22 29	0 49	18 56	0 12	9 20
F 5	16 7	6 33	1 49	20 12	1 17	22 55	4 31	22 30	0 35	12 35	0 51	22 29	0 49	18 57	0 12	9 20
S 6	16 24	10 3	2 49	20 50	1 26	22 36	4 20	22 32	0 38	12 33	0 51	22 29	0 49	18 58	0 12	9 20
S 7	16 41	13 5	3 40	21 26	1 34	22 16	4 9	22 33	0 41	12 30	0 51	22 29	0 49	18 59	0 12	9 21
M 8	16 58	15 30	4 20	21 59	1 42	21 55	3 58	22 34	0 44	12 28	0 52	22 29	0 49	19 0	0 12	9 21
T 9	17 14	17 14	4 48	22 30	1 49	21 33	3 46	22 36	0 48	12 25	0 52	22 29	0 49	19 1	0 12	9 21
W10	17 30	18 11	5 4	22 58	1 56	21 11	3 33	22 37	0 51	12 23	0 52	22 30	0 49	19 1	0 12	9 21
T 11	17 46	18 21	5 6	23 24	2 1	20 48	3 20	22 38	0 54	12 21	0 52	22 30	0 48	19 2	0 12	9 21
F 12	18 1	17 42	4 55	23 47	2 6	20 25	3 7	22 39	0 57	12 18	0 53	22 30	0 48	19 3	0 12	9 21
S 13	18 16	16 17	4 31	24 7	2 10	20 1	2 53	22 39	1 1	12 16	0 53	22 30	0 48	19 4	0 12	9 21
S 14	18 31	14 8	3 55	24 25	2 14	19 37	2 39	22 40	1 4	12 14	0 53	22 30	0 48	19 5	0 12	9 21
M15	18 45	11 21	3 9	24 41	2 17	19 13	2 25	22 41	1 7	12 12	0 53	22 30	0 48	19 6	0 12	9 21
T 16	19 0	7 59	2 12	24 54	2 18	18 50	2 11	22 41	1 11	12 9	0 54	22 30	0 48	19 6	0 12	9 21
W17	19 13	4 9	1 7	25 5	2 19	18 26	1 56	22 42	1 14	12 7	0 54	22 31	0 48	19 7	0 12	9 21
T 18	19 27	0 0	0n 4	25 14	2 19	18 3	1 42	22 42	1 18	12 5	0 54	22 31	0 48	19 8	0 12	9 21
F 19	19 40	4s18	1 16	25 21	2 19	17 40	1 28	22 42	1 21	12 3	0 54	22 31	0 48	19 9	0 12	9 21
S 20	19 53	8 30	2 26	25 26	2 17	17 18	1 14	22 42	1 24	12 2	0 55	22 31	0 48	19 10	0 12	9 21
S 21	20 6	12 19	3 29	25 29	2 15	16 57	1 0	22 42	1 28	12 0	0 55	22 31	0 48	19 11	0 12	9 21
M22	20 18	15 26	4 19	25 30	2 12	16 36	0 46	22 42	1 31	11 58	0 55	22 31	0 48	19 11	0 12	9 21
T 23	20 30	17 33	4 51	25 29	2 7	16 16	0 32	22 42	1 34	11 56	0 55	22 32	0 48	19 12	0 12	9 21
W24	20 41	18 25	5 3	25 27	2 3	15 57	0 19	22 41	1 38	11 55	0 56	22 32	0 48	19 13	0 12	9 21
T 25	20 52	17 58	4 54	25 23	1 57	15 39	0 6	22 41	1 41	11 53	0 56	22 32	0 48	19 14	0 12	9 21
F 26	21 3	16 19	4 26	25 18	1 50	15 22	0s 7	22 40	1 44	11 51	0 56	22 32	0 48	19 15	0 12	9 21
S 27	21 14	13 40	3 41	25 11	1 43	15 6	0 20	22 40	1 48	11 50	0 57	22 32	0 48	19 16	0 12	9 21
S 28	21 24	10 18	2 44	25 4	1 34	14 51	0 32	22 39	1 51	11 48	0 57	22 33	0 48	19 16	0 12	9 21
M29	21 33	6 28	1 39	24 54	1 25	14 38	0 43	22 38	1 54	11 47	0 57	22 33	0 48	19 17	0 12	9 21
T 30	21 43	2 25	0 31	24 44	1 15	14 25	0 55	22 37	1 57	11 46	0 57	22 33	0 48	19 18	0 12	9 20
W31	21n52	1n39	0s37	24n33	1n 5	14n13	1s 6	22s36	2s 1	11s45	0s58	22s33	0n48	19n19	0s12	9n20

Julian Day Number = 2307759.5, Delta T = 80.86 sec
Ecliptic obliquity = 23°29'17", Nutation = - 0°00'01", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°14'46", Lahiri = 18°21'46"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1606

geocentric

JUNE 1606 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 36 53	10 ^{II} 4'55	18 ^V 9	25 ¹⁶	11°D19	1°R48	1 ⁵⁴	5°R56	26 ⁵⁸	8 ²⁶	29 ³⁰	28°R31	27 ²⁵	28 ²⁶	10°R53	T 1
F 2	16 40 50	11° 2'18	0 ³⁰	2°49	11 ²⁰	1 ²⁸	1°58	5 ⁵²	27° 1	8°26	29°31	28 ²⁷	27°22	28°33	10 ⁴⁹	F 2
S 3	16 44 46	11°59'41	12°42	3°17	11°23	1° 8	2° 1	5°49	27° 5	8°26	29°32	28°20	27°19	28°40	10°46	S 3
S 4	16 48 43	12°57'03	24°46	3°41	11°29	0°49	2° 5	5°45	27° 8	8°27	29°33	28°11	27°16	28°47	10°42	S 4
M 5	16 52 40	13°54'24	6 ^{II} 45	4° 1	11°37	0°29	2° 8	5°41	27°12	8°27	29°34	27°59	27°12	28°53	10°39	M 5
T 6	16 56 36	14°51'45	18°40	4°16	11°47	0°10	2°11	5°37	27°15	8°28	29°35	27°46	27° 9	29° 0	10°36	T 6
W 7	17 0 33	15°49'04	0 ³³	4°26	11°59	29 ⁵²	2°14	5°33	27°18	8°29	29°36	27°32	27° 6	29° 7	10°33	W 7
T 8	17 4 29	16°46'24	12°24	4°32	12°13	29°34	2°17	5°29	27°22	8°29	29°37	27°20	27° 3	29°14	10°30	T 8
F 9	17 8 26	17°43'42	24°17	4°R33	12°29	29°16	2°19	5°25	27°25	8°30	29°38	27° 8	27° 0	29°20	10°27	F 9
S 10	17 12 22	18°40'59	6 ¹²	4°30	12°46	28°59	2°21	5°21	27°28	8°30	29°39	27° 0	26°57	29°27	10°24	S 10
S 11	17 16 19	19°38'16	18°14	4°22	13° 6	28°42	2°24	5°17	27°32	8°31	29°40	26°54	26°53	29°34	10°21	S 11
M12	17 20 16	20°35'32	0 ²⁵	4°10	13°28	28°27	2°26	5°13	27°35	8°32	29°41	26°51	26°50	29°40	10°18	M12
T 13	17 24 12	21°32'47	12°51	3°54	13°51	28°11	2°27	5° 8	27°38	8°33	29°42	26°50	26°47	29°47	10°16	T 13
W14	17 28 9	22°30'02	25°36	3°34	14°16	27°56	2°29	5° 4	27°42	8°33	29°43	26°50	26°44	29°54	10°13	W14
T 15	17 32 5	23°27'15	8 ⁴⁴	3°11	14°42	27°42	2°30	5° 0	27°45	8°34	29°44	26°49	26°41	0 ¹	10°11	T 15
F 16	17 36 2	24°24'28	22°19	2°44	15°10	27°29	2°32	4°56	27°48	8°35	29°45	26°48	26°37	0° 7	10° 8	F 16
S 17	17 39 58	25°21'41	6 ²³	2°15	15°39	27°16	2°33	4°51	27°51	8°36	29°45	26°44	26°34	0°14	10° 6	S 17
S 18	17 43 55	26°18'52	20°56	1°43	16°10	27° 5	2°33	4°47	27°55	8°37	29°46	26°38	26°31	0°21	10° 4	S 18
M19	17 47 51	27°16'03	5 ⁵³	1°10	16°43	26°53	2°34	4°43	27°58	8°38	29°47	26°30	26°28	0°27	10° 1	M19
T 20	17 51 48	28°13'14	21° 8	0°35	17°16	26°43	2°34	4°38	28° 1	8°39	29°48	26°19	26°25	0°34	9°59	T 20
W21	17 55 45	29°10'25	6 ²⁸	29 ⁵⁹	17°51	26°34	2°35	4°34	28° 4	8°40	29°49	26° 9	26°22	0°41	9°57	W21
T 22	17 59 41	0 ⁷³⁵	21°43	29°24	18°27	26°25	2°R35	4°29	28° 7	8°41	29°50	25°59	26°18	0°48	9°56	T 22
F 23	18 3 38	1° 4'46	6 ⁴⁸	28°50	19° 4	26°17	2°35	4°25	28°10	8°42	29°50	25°51	26°15	0°54	9°54	F 23
S 24	18 7 34	2° 1'56	21°18	28°16	19°43	26°10	2°34	4°21	28°13	8°43	29°51	25°45	26°12	1° 1	9°52	S 24
S 25	18 11 31	2°59'06	5 ²⁵	27°44	20°23	26° 3	2°34	4°16	28°16	8°44	29°52	25°42	26° 9	1° 8	9°51	S 25
M26	18 15 27	3°56'16	19° 4	27°14	21° 3	25°58	2°33	4°12	28°19	8°45	29°53	25°41	26° 6	1°15	9°49	M26
T 27	18 19 24	4°53'27	2 ¹⁶	26°47	21°45	25°53	2°32	4° 7	28°22	8°46	29°53	25°41	26° 2	1°21	9°48	T 27
W28	18 23 20	5°50'38	15° 4	26°24	22°27	25°49	2°31	4° 3	28°25	8°48	29°54	25°41	25°59	1°28	9°47	W28
T 29	18 27 17	6°47'49	27°34	26° 4	23°11	25°46	2°30	3°59	28°28	8°49	29°55	25°39	25°56	1°35	9°45	T 29
F 30	18 31 14	7 ⁴⁵⁰¹	9 ⁴⁹	25 ⁴⁸	23 ⁵⁶	25 ⁴⁴	2 ²⁸	3 ⁵⁴	28 ³¹	8 ⁵⁰	29 ⁵⁵	25 ³⁶	25 ⁵³	1 ⁴¹	9 ⁴⁴	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	decl	lat
T 1	22n 0	5n34	1s42	24n21	0n53	14n 3	1s16	22s35	2s 4	11s43	0s58	22s33	0n48	19n20	0s12	9n20	0n59	4s 6	16s27	0n36	1n 2	18n20	12s52	2n23			
F 2	22 9	9 10	2 41	24 8	0 41	13 54	1 26	22 34	2 7	11 42	0 58	22 34	0 48	19 20	0 12	9 20	0 59	4 6	16 27	0 37	1 3	18 20	12 50	2 23			
S 3	22 16	12 19	3 31	23 55	0 28	13 46	1 36	22 33	2 10	11 41	0 59	22 34	0 48	19 21	0 12	9 20	0 59	4 6	16 27	0 40	1 4	18 20	12 49	2 23			
S 4	22 24	14 56	4 12	23 41	0 14	13 38	1 45	22 31	2 13	11 40	0 59	22 34	0 48	19 22	0 12	9 20	0 59	4 5	16 27	0 44	1 6	18 20	12 48	2 23			
M 5	22 31	16 53	4 40	23 26	0 0	13 32	1 54	22 30	2 16	11 39	0 59	22 34	0 48	19 23	0 12	9 19	0 59	4 5	16 28	0 48	1 7	18 20	12 47	2 23			
T 6	22 38	18 5	4 57	23 10	0s15	13 27	2 2	22 29	2 18	11 38	0 59	22 35	0 48	19 24	0 12	9 19	0 59	4 5	16 28	0 53	1 8	18 20	12 46	2 23			
W 7	22 44	18 29	5 0	22 55	0 30	13 23	2 10	22 28	2 21	11 38	1 0	22 35	0 48	19 24	0 12	9 19	0 59	4 5	16 28	0 59	1 9	18 21	12 45	2 24			
T 8	22 50	18 6	4 50	22 39	0 46	13 20	2 18	22 26	2 24	11 37	1 0	22 35	0 48	19 25	0 12	9 19	0 59	4 5	16 28	1 4	1 11	18 21	12 43	2 24			
F 9	22 55	16 54	4 28	22 22	1 2	13 18	2 25	22 25	2 26	11 36	1 0	22 35	0 47	19 26	0 12	9 18	0 59	4 5	16 29	1 8	1 12	18 21	12 42	2 24			
S 10	23 0	14 59	3 54	22 6	1 19	13 17	2 32	22 24	2 29	11 36	1 0	22 35	0 47	19 27	0 12	9 18	0 59	4 5	16 29	1 12	1 13	18 21	12 41	2 24			
S 11	23 5	12 24	3 9	21 50	1 35	13 17	2 39	22 22	2 31	11 35	1 1	22 36	0 47	19 27	0 12	9 18	0 59	4 5	16 29	1 14	1 14	18 21	12 40	2 24			
M12	23 9	9 15	2 15	21 33	1 52	13 17	2 45	22 21	2 34	11 35	1 1	22 36	0 47	19 28	0 12	9 18	0 59	4 4	16 29	1 15	1 16	18 21	12 39	2 24			
T 13	23 13	5 37	1 13	21 17	2 9	13 19	2 51	22 20	2 36	11 34	1 1	22 36	0 47	19 29	0 12	9 17	0 59	4 4	16 30	1 16	1 17	18 21	12 38	2 24			
W14	23 16	1 39	0 7	21 1	2 25	13 21	2 56	22 19	2 38	11 34	1 2	22 36	0 47	19 30	0 12	9 17	0 59	4 4	16 30	1 16	1 18	18 21	12 37	2 25			
T 15	23 20	2s31	1n 3	20 45	2 42	13 24	3 1	22 18	2 40	11 34	1 2	22 37	0 47	19 30	0 12	9 17	0 59	4 4	16 30	1 16	1 19	18 21	12 37	2 25			
F 16	23 22	6 41	2 10	20 30	2 57	13 27	3 6	22 17	2 43	11 34	1 2	22 37	0 47	19 31	0 12	9 16	0 59	4 4	16 30	1 17	1 21	18 21	12 36	2 25			
S 17	23 24	10 39	3 13	20 16	3 12	13 31	3 10	22 16	2 45	11 34	1 3	22 37	0 47	19 32	0 12	9 16	0 58	4 4	16 31	1 18	1 22	18 21	12 35	2 25			
S 18	23 26	14 5	4 5	20 2	3 27	13 36	3 15	22 15	2 47	11 34	1 3	22 37	0 47	19 33	0 12	9 16	0 58	4 4	16 31	1 20	1 23	18 21	12 34	2 25			
M19	23 28	16 43	4 41	19 49	3 40	13 42	3 18	22 14	2 48	11 34	1 3	22 37	0 47	19 33	0 12	9 15	0 58	4 4	16 31	1 24	1 24	18 21	12 33	2 25			
T 20	23 29	18 13	4 59	19 37	3 52	13 48	3 22	22 13	2 50	11 34	1 3	22 38	0 47	19 34	0 12	9 15	0 58	4 4	16 31	1 28	1 26	18 21	12 33	2 25			
W21	23 29	18 25	4 56	19 26	4 4	13 54	3 25	22 13	2 52	11 34	1 4	22 38	0 47	19 35	0 12	9 14	0 58	4 4	16 32	1 32	1 27	18 21	12 32	2 25			
T 22	23 29	17 16	4 31	19 16	4 14	14 1	3 28	22 12	2 54	11 34	1 4	22 38	0 47	19 35	0 12	9 14	0 58	4 4	16 32	1 36	1 28	18 21	12 31	2 25			
F 23	23 29	14 57	3 48	19 7	4 22	14 8	3 31	22 12	2 55	11 35	1 4	22 38	0 47	19 36	0 12	9 14	0 58	4 4	16 32	1 39	1 30	18 21	12 31	2 25			
S 24	23 28	11 44	2 51	19 0	4 29	14 16	3 33	22 12	2 57	11 35	1 5	22 39	0 46	19 37	0 12	9 13	0 58	4 4	16 32	1 42	1 31	18 21	12 30	2 26			
S 25	23 27	7 55	1 45	18 54	4 35	14 25	3 36	22 11	2 58	11 35	1 5	22 39	0 46	19 37	0 12	9 13	0 58	4 4	16 33	1 43	1 32	18 21	12 30	2 26			
M26	23 26	3 48	0 35	18 49	4 39	14 33	3 38	22 11	3 0	11 36	1 5	22 39	0 46	19 38	0 12	9 12	0 58	4 4	16 33	1 43	1 33	18 21	12 29	2 26			
T 27	23 24	0n22	0s35	18 46	4 41	14 42	3 39	22 12	3 1	11 37	1 5	22 39	0 46	19 39	0 12	9 12	0 58	4 4	16 33	1 43	1 35	18 21	12 28	2 26			
W28	23 22	4 24	1 41	18 44	4 42	14 52	3 41	22 12	3 2	11 37	1 6	22 39	0 46	19 39	0 12	9 11	0 58	4 4	16 34	1 43	1 36	18 21	12 28	2 26			
T 29	23 19	8 8	2 40	18 44	4 41	15 1	3 42	22 12	3 3	11 38	1 6	22 40	0 46	19 40	0 12	9 11	0 58	4 4	16 34	1 44	1 37	18 21	12 28	2 26			
F 30	23n16	11n27	3s31	18n46	4s39	15n11	3s43	22s13	3s 4	11s39	1s 6	22s40	0n46	19n41	0s12	9n10	0n58	4s 4	16s34	1n45	1n38	18n21	12s27	2n26			

ASTRODIENST EPHEMERIS for the year 1606

geocentric

JULY 1606 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 10	8°42'12	21°54	25°R37	24°841	25°R42	2°R26	3°R50	28°834	8°m51	29°V56	25°R29	25°m50	1°548	9°R43	S 1	
S 2	18 39 7	9°39'24	3°II51	25°II30	25°27	25°D42	2°H25	3°345	28°37	8°53	29°56	25°m20	25°47	1°55	9°m43	S 2	
M 3	18 43 3	10°36'37	15°45	25°D28	26°14	25°m42	2°22	3°41	28°40	8°54	29°57	25° 9	25°43	2° 2	9°42	M 3	
T 4	18 47 0	11°33'49	27°37	25°31	27° 2	25°43	2°20	3°37	28°42	8°55	29°58	24°56	25°40	2° 8	9°41	T 4	
W 5	18 50 56	12°31'02	9°529	25°39	27°50	25°45	2°18	3°32	28°45	8°57	29°58	24°43	25°37	2°15	9°41	W 5	
T 6	18 54 53	13°28'16	21°22	25°53	28°40	25°48	2°15	3°28	28°48	8°58	29°59	24°31	25°34	2°22	9°40	T 6	
F 7	18 58 49	14°25'29	3°819	26°12	29°30	25°52	2°12	3°24	28°51	9° 0	29°59	24°20	25°31	2°29	9°40	F 7	
S 8	19 2 46	15°22'42	15°20	26°36	0°II20	25°56	2° 9	3°20	28°53	9° 1	29°59	24°12	25°28	2°35	9°40	S 8	
S 9	19 6 43	16°19'56	27°27	27° 6	1°11	26° 1	2° 6	3°15	28°56	9° 2	0°8 0	24° 6	25°24	2°42	9°39	S 9	
M10	19 10 39	17°17'10	9°m44	27°40	2° 3	26° 7	2° 3	3°11	28°59	9° 4	0° 0	24° 3	25°21	2°49	9°D39	M10	
T 11	19 14 36	18°14'24	22°14	28°21	2°56	26°14	1°59	3° 7	29° 1	9° 6	0° 1	24°D 2	25°18	2°55	9°40	T 11	
W12	19 18 32	19°11'38	5°A 0	29° 6	3°49	26°22	1°55	3° 3	29° 4	9° 7	0° 1	24° 2	25°15	3° 2	9°40	W12	
T 13	19 22 29	20° 8'52	18° 6	29°57	4°42	26°30	1°51	2°59	29° 6	9° 9	0° 2	24°R 3	25°12	3° 9	9°40	T 13	
F 14	19 26 25	21° 6'07	1°m36	0°552	5°36	26°39	1°47	2°55	29° 9	9°10	0° 2	24° 2	25° 8	3°16	9°40	F 14	
S 15	19 30 22	22° 3'21	15°31	1°53	6°31	26°49	1°43	2°50	29°11	9°12	0° 2	24° 0	25° 5	3°22	9°41	S 15	
S 16	19 34 18	23° 0'37	29°53	2°59	7°26	27° 0	1°39	2°46	29°14	9°14	0° 3	23°56	25° 2	3°29	9°42	S 16	
M17	19 38 15	23°57'52	14°A38	4°10	8°22	27°11	1°34	2°42	29°16	9°15	0° 3	23°49	24°59	3°36	9°42	M17	
T 18	19 42 12	24°55'08	29°42	5°25	9°18	27°23	1°29	2°39	29°18	9°17	0° 3	23°41	24°56	3°42	9°43	T 18	
W19	19 46 8	25°52'24	14°355	6°45	10°14	27°36	1°24	2°35	29°21	9°19	0° 4	23°33	24°53	3°49	9°44	W19	
T 20	19 50 5	26°49'41	0°A 7	8°10	11°11	27°49	1°19	2°31	29°23	9°20	0° 4	23°25	24°49	3°56	9°45	T 20	
F 21	19 54 1	27°46'59	15° 7	9°40	12° 9	28° 4	1°14	2°27	29°25	9°22	0° 4	23°19	24°46	4° 3	9°46	F 21	
S 22	19 57 58	28°44'17	29°46	11°13	13° 7	28°18	1° 9	2°23	29°27	9°24	0° 4	23°14	24°43	4° 9	9°47	S 22	
S 23	20 1 54	29°41'36	14°H 0	12°51	14° 5	28°34	1° 3	2°20	29°29	9°26	0° 4	23°12	24°40	4°16	9°49	S 23	
M24	20 5 51	0°A38'56	27°45	14°33	15° 4	28°50	0°58	2°16	29°31	9°27	0° 4	23°D12	24°37	4°23	9°50	M24	
T 25	20 9 47	1°36'18	11°V 3	16°18	16° 3	29° 6	0°52	2°13	29°33	9°29	0° 5	23°13	24°34	4°30	9°52	T 25	
W26	20 13 44	2°33'40	23°55	18° 6	17° 2	29°23	0°46	2° 9	29°35	9°31	0° 5	23°14	24°30	4°36	9°53	W26	
T 27	20 17 41	3°31'04	6°B27	19°58	18° 2	29°41	0°40	2° 6	29°37	9°33	0° 5	23°R14	24°27	4°43	9°55	T 27	
F 28	20 21 37	4°28'28	18°42	21°53	19° 2	29°59	0°33	2° 2	29°39	9°35	0° 5	23°13	24°24	4°50	9°57	F 28	
S 29	20 25 34	5°25'54	0°II45	23°49	20° 3	0°A19	0°27	1°59	29°41	9°37	0° 5	23°10	24°21	4°56	9°59	S 29	
S 30	20 29 30	6°23'22	12°41	25°48	21° 4	0°38	0°21	1°56	29°43	9°39	0° 5	23° 5	24°18	5° 3	10° 1	S 30	
M31	20 33 27	7°A20'50	24°II33	27°549	22°II 5	0°A58	0°H14	1°352	29°A45	9°m41	0°R 5	22°m58	24°m14	5°510	10°m 3	M31	

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
S 1	23n12	14n14	4s11	18n49	4s36	15n21	3s44	22s13	3s 5	11s40	1s 7	22s40	0n46	19n41	0s12	9n10	0n58	4s 4	16s34	1n48	1n40	18n21	12s27	2n26
S 2	23 8	16 22	4 40	18 53	4 31	15 31	3 45	22 14	3 6	11 41	1 7	22 40	0 46	19 42	0 12	9 9	0 58	4 5	16 35	1 51	1 41	18 21	12 27	2 26
M 3	23 4	17 48	4 57	18 59	4 25	15 42	3 45	22 15	3 7	11 42	1 7	22 41	0 46	19 43	0 12	9 9	0 58	4 5	16 35	1 56	1 42	18 21	12 26	2 26
T 4	22 59	18 28	5 0	19 6	4 18	15 52	3 46	22 16	3 8	11 43	1 7	22 41	0 46	19 43	0 12	9 8	0 58	4 5	16 35	2 1	1 43	18 21	12 26	2 26
W 5	22 54	18 18	4 51	19 15	4 10	16 3	3 46	22 18	3 9	11 44	1 8	22 41	0 45	19 44	0 12	9 8	0 58	4 5	16 36	2 6	1 45	18 21	12 26	2 26
T 6	22 48	17 21	4 29	19 24	4 1	16 14	3 46	22 19	3 10	11 45	1 8	22 41	0 45	19 44	0 12	9 7	0 58	4 5	16 36	2 11	1 46	18 21	12 26	2 26
F 7	22 42	15 39	3 55	19 35	3 51	16 25	3 45	22 21	3 10	11 46	1 8	22 41	0 45	19 45	0 12	9 7	0 58	4 5	16 36	2 15	1 47	18 21	12 25	2 26
S 8	22 36	13 14	3 10	19 46	3 40	16 36	3 45	22 22	3 11	11 48	1 9	22 42	0 45	19 46	0 12	9 6	0 58	4 5	16 37	2 19	1 48	18 21	12 25	2 26
S 9	22 29	10 15	2 16	19 58	3 29	16 47	3 44	22 24	3 12	11 49	1 9	22 42	0 45	19 46	0 12	9 6	0 58	4 5	16 37	2 21	1 50	18 21	12 25	2 26
M10	22 22	6 46	1 15	20 11	3 17	16 58	3 44	22 26	3 12	11 51	1 9	22 42	0 45	19 47	0 12	9 5	0 58	4 6	16 37	2 22	1 51	18 21	12 25	2 26
T 11	22 15	2 56	0 10	20 24	3 4	17 9	3 43	22 28	3 13	11 52	1 9	22 42	0 45	19 47	0 12	9 4	0 58	4 6	16 38	2 22	1 52	18 21	12 25	2 26
W12	22 7	1s 6	0n58	20 38	2 51	17 20	3 42	22 30	3 13	11 54	1 10	22 42	0 45	19 48	0 12	9 4	0 58	4 6	16 38	2 22	1 54	18 21	12 25	2 26
T 13	21 58	5 11	2 5	20 52	2 38	17 30	3 40	22 33	3 14	11 55	1 10	22 43	0 45	19 48	0 12	9 3	0 58	4 6	16 38	2 22	1 55	18 21	12 25	2 27
F 14	21 50	9 8	3 6	21 5	2 24	17 41	3 39	22 35	3 14	11 57	1 10	22 43	0 45	19 49	0 12	9 3	0 58	4 6	16 39	2 22	1 56	18 21	12 25	2 27
S 15	21 41	12 42	3 59	21 19	2 10	17 52	3 38	22 38	3 14	11 59	1 10	22 43	0 44	19 50	0 12	9 2	0 58	4 6	16 39	2 23	1 57	18 21	12 26	2 27
S 16	21 31	15 38	4 38	21 32	1 56	18 3	3 36	22 41	3 14	12 1	1 11	22 43	0 44	19 50	0 12	9 1	0 58	4 7	16 39	2 25	1 59	18 21	12 26	2 27
M17	21 21	17 37	5 1	21 44	1 42	18 13	3 34	22 44	3 15	12 3	1 11	22 43	0 44	19 51	0 12	9 1	0 58	4 7	16 40	2 27	2 0	18 21	12 26	2 27
T 18	21 11	18 26	5 3	21 55	1 27	18 23	3 32	22 47	3 15	12 5	1 11	22 44	0 44	19 51	0 12	9 0	0 58	4 7	16 40	2 31	2 1	18 21	12 26	2 27
W19	21 1	17 57	4 44	22 6	1 13	18 34	3 30	22 50	3 15	12 7	1 11	22 44	0 44	19 52	0 12	8 59	0 58	4 7	16 40	2 34	2 2	18 21	12 26	2 27
T 20	20 50	16 11	4 5	22 15	0 59	18 43	3 28	22 53	3 15	12 9	1 12	22 44	0 44	19 52	0 12	8 59	0 58	4 7	16 41	2 37	2 4	18 21	12 27	2 27
F 21	20 39	13 19	3 9	22 23	0 45	18 53	3 26	22 56	3 15	12 11	1 12	22 44	0 44	19 53	0 12	8 58	0 58	4 8	16 41	2 40	2 5	18 21	12 27	2 27
S 22	20 27	9 40	2 2	22 29	0 31	19 3	3 24	23 0	3 15	12 13	1 12	22 44	0 44	19 53	0 12	8 57	0 58	4 8	16 41	2 41	2 6	18 21	12 27	2 27
S 23	20 15	5 33	0 49	22 34	0 18	19 12	3 21	23 3	3 15	12 15	1 12	22 45	0 44	19 53	0 12	8 57	0 58	4 8	16 42	2 42	2 7	18 21	12 28	2 27
M24	20 3	1 16	0s24	22 36	0 5	19 21	3 19	23 7	3 15	12 17	1 13	22 45	0 43	19 54	0 12	8 56	0 58	4 8	16 42	2 42	2 9	18 21	12 28	2 27
T 25	19 51	2n56	1 35	22 36	0n 7	19 30	3 16	23 10	3 15	12 20	1 13	22 45	0 43	19 54	0 12	8 55	0 58	4 9	16 42	2 42	2 10	18 21	12 29	2 27
W26	19 38	6 51	2 38	22 34	0 19	19 39	3 14	23 14	3 15	12 22	1 13	22 45	0 43	19 55	0 12	8 55	0 58	4 9	16 43	2 42	2 11	18 21	12 29	2 27
T 27	19 24	10 22	3 31	22 30	0 30	19 47	3 11	23 18	3 15	12 24	1 13	22 45	0 43	19 55	0 12	8 54	0 58	4 9	16 43	2 42	2 12	18 21	12 30	2 27
F 28	19 11	13 21	4 14	22 23	0 41	19 55	3 8	23 22	3 15	12 27	1 14	22 45	0 43	19 56	0 12	8 53	0 58	4 10	16 43	2 42	2 14	18 21	12 30	2 27
S 29	18 57	15 42	4 45	22 13	0 50	20 2	3 5	23 26	3 15	12 29	1 14	22 46	0 43	19 56	0 12	8 52	0 58	4 10	16 43	2 43	2 15	18 20	12 31	2 27
S 30	18 43	17 21	5 3	22 0	1 0	20 10	3 2	23 30	3 15	12 32	1 14	22 46	0 43	19 56	0 12	8 52	0 58	4 10	16 44	2 45	2 16	18 20	12 32	2 27
M31	18n28	18n15	5s 8	21n45	1n 8	20n16	2s59	23s34	3s15	12s34	1s14	22s46	0n43	19n57	0s12	8n51	0n58	4s10	16s44	2n48	2n18	18n20	12s32	2n27

ASTRODIENST EPHEMERIS for the year 1606

geocentric

AUGUST 1606 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 37 23	8♌18'20	6♋24	29♎51	23♏6	1♌19	0♌7	1♌49	29♏47	9♏43	0♌5	22♌R50	24♏11	5♎17	10♏6	T 1	
W 2	20 41 20	9°15'51	18°18	1♌53	24°8	1°40	0♌1	1♌46	29°48	9°45	0♌5	22♏42	24°8	5°23	10°8	W 2	
T 3	20 45 16	10°13'23	0♌16	3°57	25°10	2°2	29♎54	1°43	29°50	9°46	0°5	22°34	24°5	5°30	10°10	T 3	
F 4	20 49 13	11°10'56	12°20	6°0	26°13	2°24	29°47	1°40	29°52	9°48	0°5	22°27	24°2	5°37	10°13	F 4	
S 5	20 53 10	12°8'30	24°31	8°4	27°15	2°47	29°39	1°38	29°53	9°51	0°5	22°22	23°59	5°43	10°16	S 5	
S 6	20 57 6	13°6'05	6♏51	10°8	28°18	3°11	29°32	1°35	29°55	9°53	0°5	22°19	23°55	5°50	10°18	S 6	
M 7	21 1 3	14°3'42	19°21	12°11	29°21	3°34	29°25	1°32	29°56	9°55	0°4	22°D18	23°52	5°57	10°21	M 7	
T 8	21 4 59	15°1'19	2♌3	14°14	0♎25	3°59	29°18	1°30	29°58	9°57	0°4	22°18	23°49	6°4	10°24	T 8	
W 9	21 8 56	15°58'58	14°59	16°15	1°28	4°23	29°10	1°27	29°59	9°59	0°4	22°20	23°46	6°10	10°27	W 9	
T 10	21 12 52	16°56'37	28°11	18°16	2°32	4°49	29°3	1°25	0♏0	10°1	0°4	22°21	23°43	6°17	10°30	T 10	
F 11	21 16 49	17°54'18	11♏41	20°16	3°36	5°14	28°55	1°22	0°2	10°3	0°4	22°R22	23°40	6°24	10°34	F 11	
S 12	21 20 45	18°52'00	25°32	22°14	4°41	5°40	28°47	1°20	0°3	10°5	0°3	22°22	23°36	6°30	10°37	S 12	
S 13	21 24 42	19°49'42	9♌42	24°12	5°45	6°7	28°40	1°18	0°4	10°7	0°3	22°21	23°33	6°37	10°40	S 13	
M14	21 28 39	20°47'26	24°11	26°8	6°50	6°34	28°32	1°16	0°5	10°9	0°3	22°18	23°30	6°44	10°44	M14	
T 15	21 32 35	21°45'11	8♎55	28°3	7°55	7°1	28°24	1°14	0°6	10°11	0°3	22°14	23°27	6°51	10°48	T 15	
W16	21 36 32	22°42'57	23°47	29°56	9°1	7°29	28°16	1°12	0°8	10°13	0°2	22°10	23°24	6°57	10°51	W16	
T 17	21 40 28	23°40'45	8♏40	1♏48	10°6	7°57	28°9	1°10	0°9	10°16	0°2	22°6	23°20	7°4	10°55	T 17	
F 18	21 44 25	24°38'33	23°25	3°39	11°12	8°26	28°1	1°8	0°10	10°18	0°2	22°3	23°17	7°11	10°59	F 18	
S 19	21 48 21	25°36'24	7♏56	5°29	12°18	8°55	27°53	1°6	0°10	10°20	0°1	22°1	23°14	7°18	11°3	S 19	
S 20	21 52 18	26°34'15	22°6	7°17	13°24	9°24	27°45	1°5	0°11	10°22	0°1	22°D 1	23°11	7°24	11°7	S 20	
M21	21 56 14	27°32'09	5♏52	9°3	14°30	9°54	27°37	1°3	0°12	10°24	0°0	22°1	23°8	7°31	11°11	M21	
T 22	22 0 11	28°30'04	19°13	10°49	15°37	10°24	27°29	1°2	0°13	10°26	29♏59	22°2	23°5	7°38	11°16	T 22	
W23	22 4 8	29°28'01	2♌9	12°33	16°43	10°54	27°21	1°1	0°14	10°29	29°59	22°4	23°1	7°44	11°20	W23	
T 24	22 8 4	0♏26'00	14°45	14°16	17°50	11°25	27°13	1°0	0°14	10°31	29°59	22°5	22°58	7°51	11°24	T 24	
F 25	22 12 1	1°24'00	27°3	15°57	18°57	11°56	27°5	0°58	0°15	10°33	29°58	22°R 6	22°55	7°58	11°29	F 25	
S 26	22 15 57	2°22'03	9♏8	17°38	20°4	12°27	26°58	0°57	0°15	10°35	29°58	22°6	22°52	8°5	11°33	S 26	
S 27	22 19 54	3°20'08	21°4	19°17	21°12	12°59	26°50	0°56	0°16	10°37	29°57	22°5	22°49	8°11	11°38	S 27	
M28	22 23 50	4°18'14	2♎56	20°54	22°19	13°31	26°42	0°56	0°16	10°40	29°57	22°3	22°46	8°18	11°43	M28	
T 29	22 27 47	5°16'23	14°49	22°31	23°27	14°3	26°34	0°55	0°17	10°42	29°56	22°1	22°42	8°25	11°48	T 29	
W30	22 31 43	6°14'33	26°46	24°6	24°35	14°36	26°27	0°54	0°17	10°44	29°56	21°58	22°39	8°31	11°53	W30	
T 31	22 35 40	7♏12'46	8♌49	25♏40	25♎43	15♌9	26♎19	0♎54	0♏18	10♏46	29♏55	21♏56	22♏36	8♎38	11♏58	T 31	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	18n13	18n21	4s59	21n27	1n15	20n23	2s56	23s38	3s14	12s37	1s14	22s46	0n42	19n57	0s12	8n50	0n58
W 2	17 58	17 39	4 38	21 7	1 22	20 29	2 52	23 42	3 14	12 39	1 15	22 46	0 42	19 58	0 12	8 49	0 58
T 3	17 43	16 9	4 4	20 44	1 28	20 35	2 49	23 46	3 14	12 42	1 15	22 46	0 42	19 58	0 12	8 49	0 58
F 4	17 27	13 56	3 20	20 18	1 33	20 40	2 46	23 51	3 13	12 45	1 15	22 47	0 42	19 58	0 12	8 48	0 58
S 5	17 11	11 6	2 25	19 51	1 37	20 45	2 42	23 55	3 13	12 47	1 15	22 47	0 42	19 59	0 12	8 47	0 58
S 6	16 55	7 44	1 23	19 21	1 40	20 50	2 39	23 59	3 13	12 50	1 15	22 47	0 42	19 59	0 12	8 46	0 58
M 7	16 39	3 59	0 16	18 49	1 43	20 54	2 35	24 3	3 12	12 53	1 16	22 47	0 42	19 59	0 12	8 46	0 58
T 8	16 22	0s 0	0n53	18 16	1 45	20 58	2 32	24 8	3 12	12 56	1 16	22 47	0 41	20 0	0 12	8 45	0 58
W 9	16 5	4 4	2 0	17 41	1 46	21 1	2 28	24 12	3 12	12 58	1 16	22 47	0 41	20 0	0 12	8 44	0 58
T 10	15 47	8 0	3 3	17 4	1 46	21 4	2 24	24 16	3 11	13 1	1 16	22 48	0 41	20 0	0 12	8 43	0 58
F 11	15 30	11 36	3 57	16 26	1 46	21 6	2 20	24 21	3 11	13 4	1 16	22 48	0 41	20 0	0 12	8 42	0 58
S 12	15 12	14 40	4 39	15 47	1 45	21 8	2 17	24 25	3 10	13 7	1 16	22 48	0 41	20 1	0 12	8 42	0 58
S 13	14 54	16 55	5 5	15 6	1 43	21 9	2 13	24 29	3 10	13 10	1 17	22 48	0 41	20 1	0 12	8 41	0 58
M14	14 36	18 10	5 12	14 25	1 41	21 10	2 9	24 33	3 9	13 12	1 17	22 48	0 41	20 1	0 12	8 40	0 58
T 15	14 17	18 13	4 59	13 43	1 39	21 10	2 5	24 38	3 9	13 15	1 17	22 48	0 41	20 1	0 12	8 39	0 58
W16	13 58	17 1	4 26	13 0	1 35	21 10	2 1	24 42	3 8	13 18	1 17	22 49	0 40	20 2	0 12	8 38	0 58
T 17	13 39	14 40	3 35	12 17	1 32	21 9	1 57	24 46	3 8	13 21	1 17	22 49	0 40	20 2	0 12	8 38	0 58
F 18	13 20	11 22	2 30	11 33	1 28	21 8	1 53	24 50	3 7	13 24	1 17	22 49	0 40	20 2	0 12	8 37	0 58
S 19	13 1	7 26	1 17	10 49	1 23	21 6	1 49	24 54	3 7	13 27	1 17	22 49	0 40	20 2	0 12	8 36	0 58
S 20	12 41	3 9	0s 1	10 4	1 19	21 4	1 45	24 58	3 6	13 29	1 17	22 49	0 40	20 2	0 12	8 35	0 58
M21	12 21	1n11	1 15	9 19	1 13	21 1	1 41	25 2	3 5	13 32	1 18	22 49	0 40	20 3	0 12	8 34	0 58
T 22	12 1	5 19	2 24	8 34	1 8	20 58	1 37	25 6	3 5	13 35	1 18	22 49	0 40	20 3	0 12	8 34	0 58
W23	11 41	9 4	3 23	7 49	1 2	20 54	1 33	25 10	3 4	13 38	1 18	22 50	0 39	20 3	0 12	8 33	0 58
T 24	11 21	12 18	4 11	7 4	0 56	20 50	1 29	25 13	3 4	13 41	1 18	22 50	0 39	20 3	0 12	8 32	0 58
F 25	11 0	14 54	4 46	6 19	0 50	20 45	1 25	25 17	3 3	13 43	1 18	22 50	0 39	20 3	0 12	8 31	0 58
S 26	10 39	16 48	5 7	5 34	0 43	20 39	1 21	25 21	3 2	13 46	1 18	22 50	0 39	20 3	0 12	8 30	0 58
S 27	10 18	17 57	5 15	4 49	0 36	20 33	1 17	25 24	3 1	13 49	1 18	22 50	0 39	20 3	0 12	8 29	0 58
M28	9 57	18 18	5 10	4 4	0 29	20 26	1 13	25 27	3 1	13 52	1 18	22 50	0 39	20 3	0 12	8 29	0 58
T 29	9 36	17 51	4 51	3 19	0 22	20 19	1 9	25 31	3 0	13 54	1 18	22 50	0 39	20 4	0 12	8 28	0 58
W30	9 14	16 36	4 19	2 34	0 15	20 11	1 5	25 34	2 59	13 57	1 18	22 51	0 38	20 4	0 12	8 27	0 58
T 31	8n53	14n37	3s36	1n50	0n 7	20n 3	1s 1	25s37	2s59	14s 0	1s18	22s51	0n38	20n 4	0s12	8n26	0n58

Julian Day Number = 2307851.5, Delta T = 80.56 sec
 Ecliptic obliquity = 23°29'16", Nutation = - 0°00'01", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 19°14'58", Lahiri = 18°21'59"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1606

geocentric

SEPTEMBER 1606 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 39 36	8 ^h 11'00	21 ^h 02	27 ^h 13	26 ^h 51	15 ^h 42	26 ^h R11	0°R53	0 ^h 18	10 ^h 49	29°R54	21°R54	22 ^h 33	8 ^h 45	12 ^h 03	F 1
S 2	22 43 33	9° 9'16	3 ^h 26	28°45	28° 0	16°15	26 ^h 4	0 ^h 53	0°18	10°51	29°Y54	21°Y53	22°30	8°52	12° 8	S 2
S 3	22 47 30	10° 7'34	16° 2	0 ^h 16	29° 8	16°49	25°56	0°53	0°18	10°53	29°53	21°D52	22°26	8°58	12°13	S 3
M 4	22 51 26	11° 5'53	28°51	1°45	0 ^h 17	17°23	25°49	0°52	0°18	10°55	29°52	21°52	22°23	9° 5	12°18	M 4
T 5	22 55 23	12° 4'15	11 ^h 53	3°13	1°26	17°58	25°42	0°D52	0°18	10°57	29°52	21°53	22°20	9°12	12°24	T 5
W 6	22 59 19	13° 2'38	25° 9	4°40	2°35	18°32	25°34	0°52	0°R18	11° 0	29°51	21°54	22°17	9°18	12°29	W 6
T 7	23 3 16	14° 1'02	8 ^h 38	6° 6	3°44	19° 7	25°27	0°53	0°18	11° 2	29°50	21°54	22°14	9°25	12°35	T 7
F 8	23 7 12	14°59'29	22°20	7°30	4°53	19°42	25°20	0°53	0°18	11° 4	29°50	21°55	22°11	9°32	12°40	F 8
S 9	23 11 9	15°57'57	6 ^h 14	8°53	6° 3	20°17	25°13	0°53	0°18	11° 6	29°49	21°55	22° 7	9°39	12°46	S 9
S 10	23 15 5	16°56'26	20°20	10°15	7°12	20°53	25° 6	0°54	0°18	11° 9	29°48	21°R55	22° 4	9°45	12°52	S 10
M11	23 19 2	17°54'58	4 ^h 36	11°36	8°22	21°29	25° 0	0°54	0°18	11°11	29°47	21°55	22° 1	9°52	12°57	M11
T 12	23 22 59	18°53'31	18°59	12°55	9°31	22° 5	24°53	0°55	0°17	11°13	29°46	21°55	21°58	9°59	13° 3	T 12
W13	23 26 55	19°52'05	3 ^h 25	14°12	10°41	22°41	24°47	0°55	0°17	11°15	29°46	21°55	21°55	10° 5	13° 9	W13
T 14	23 30 52	20°50'41	17°51	15°29	11°51	23°18	24°40	0°56	0°17	11°17	29°45	21°55	21°51	10°12	13°15	T 14
F 15	23 34 48	21°49'19	2 ^h 11	16°43	13° 2	23°55	24°34	0°57	0°16	11°20	29°44	21°D55	21°48	10°19	13°21	F 15
S 16	23 38 45	22°47'59	16°21	17°56	14°12	24°32	24°28	0°58	0°16	11°22	29°43	21°R55	21°45	10°26	13°27	S 16
S 17	23 42 41	23°46'41	0 ^h Y15	19° 7	15°22	25° 9	24°22	0°59	0°15	11°24	29°42	21°55	21°42	10°32	13°34	S 17
M18	23 46 38	24°45'25	13°51	20°17	16°33	25°46	24°16	1° 1	0°14	11°26	29°41	21°54	21°39	10°39	13°40	M18
T 19	23 50 34	25°44'10	27° 7	21°24	17°43	26°24	24°11	1° 2	0°14	11°28	29°40	21°54	21°36	10°46	13°46	T 19
W20	23 54 31	26°42'58	10 ^h 8	22°30	18°54	27° 1	24° 5	1° 3	0°13	11°31	29°39	21°54	21°32	10°52	13°52	W20
T 21	23 58 28	27°41'49	22°40	23°33	20° 5	27°39	24° 0	1° 5	0°12	11°33	29°39	21°53	21°29	10°59	13°59	T 21
F 22	0 2 24	28°40'41	5 ^h II 0	24°34	21°16	28°17	23°55	1° 6	0°12	11°35	29°38	21°52	21°26	11° 6	14° 5	F 22
S 23	0 6 21	29°39'36	17° 6	25°32	22°27	28°56	23°50	1° 8	0°11	11°37	29°37	21°52	21°23	11°13	14°12	S 23
S 24	0 10 17	0 ^h 38'33	29° 4	26°28	23°38	29°34	23°45	1°10	0°10	11°39	29°36	21°D51	21°20	11°19	14°18	S 24
M25	0 14 14	1°37'33	10 ^h 57	27°21	24°50	0 ^h 13	23°40	1°12	0° 9	11°41	29°35	21°52	21°17	11°26	14°25	M25
T 26	0 18 10	2°36'34	22°50	28°10	26° 1	0°52	23°35	1°14	0° 8	11°43	29°34	21°52	21°13	11°33	14°32	T 26
W27	0 22 7	3°35'38	4 ^h 04	28°56	27°13	1°31	23°31	1°16	0° 7	11°45	29°33	21°53	21°10	11°39	14°39	W27
T 28	0 26 3	4°34'45	16°54	29°38	28°24	2°10	23°27	1°18	0° 6	11°48	29°32	21°54	21° 7	11°46	14°45	T 28
F 29	0 30 0	5°33'53	29°13	0 ^h 16	29°36	2°49	23°23	1°20	0° 5	11°50	29°31	21°55	21° 4	11°53	14°52	F 29
S 30	0 33 56	6 ^h 33'04	11 ^h 48	0 ^h 49	0 ^h 48	3 ^h 29	23 ^h 19	1 ^h 22	0 ^h II 3	11 ^h 52	29°Y30	21°Y56	21°Y 1	12°5 0	14 ^h 59	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
F 1	8n31	11n57	2s42	1n 6	0s 0	19n54	0s56	25s40	2s58	14s 2	1s18	22s51	0n38	20n 4	0s12	8n25	0n58	4s23	16s54	3n13	2n58	18n16	13s 8	2n27	
S 2	8 9	8 43	1 40	0 23	0 8	19 45	0 52	25 43	2 57	14 5	1 18	22 51	0 38	20 4	0 12	8 24	0 58	4 24	16 54	3 14	2 59	18 16	13 10	2 28	
S 3	7 47	5 2	0 32	0s21	0 16	19 35	0 48	25 45	2 56	14 7	1 18	22 51	0 38	20 4	0 12	8 23	0 58	4 24	16 54	3 14	3 0	18 16	13 11	2 28	
M 4	7 25	1 3	0n39	1 3	0 24	19 24	0 44	25 48	2 56	14 10	1 18	22 51	0 38	20 4	0 12	8 23	0 58	4 24	16 55	3 14	3 2	18 15	13 13	2 28	
T 5	7 3	3s 2	1 49	1 46	0 31	19 13	0 40	25 50	2 55	14 13	1 18	22 51	0 38	20 4	0 12	8 22	0 58	4 25	16 55	3 14	3 3	18 15	13 15	2 28	
W 6	6 40	7 3	2 54	2 28	0 40	19 2	0 36	25 53	2 54	14 15	1 18	22 52	0 37	20 4	0 12	8 21	0 58	4 25	16 55	3 13	3 4	18 15	13 16	2 28	
T 7	6 18	10 45	3 51	3 9	0 48	18 50	0 33	25 55	2 53	14 17	1 18	22 52	0 37	20 4	0 12	8 20	0 58	4 26	16 55	3 13	3 5	18 15	13 18	2 28	
F 8	5 55	13 56	4 36	3 50	0 56	18 37	0 29	25 57	2 52	14 20	1 18	22 52	0 37	20 4	0 12	8 19	0 58	4 26	16 56	3 13	3 7	18 15	13 19	2 28	
S 9	5 33	16 23	5 5	4 30	1 4	18 24	0 25	25 59	2 51	14 22	1 18	22 52	0 37	20 4	0 12	8 18	0 58	4 27	16 56	3 13	3 8	18 14	13 21	2 28	
S 10	5 10	17 52	5 17	5 10	1 12	18 10	0 21	26 1	2 51	14 24	1 18	22 52	0 37	20 4	0 12	8 18	0 58	4 27	16 56	3 13	3 9	18 14	13 23	2 28	
M11	4 47	18 15	5 9	5 49	1 20	17 56	0 17	26 2	2 50	14 27	1 18	22 52	0 37	20 4	0 12	8 17	0 58	4 28	16 56	3 13	3 10	18 14	13 25	2 28	
T 12	4 24	17 29	4 43	6 28	1 28	17 41	0 13	26 4	2 49	14 29	1 18	22 52	0 37	20 4	0 12	8 16	0 58	4 28	16 57	3 13	3 12	18 14	13 26	2 28	
W13	4 1	15 34	3 58	7 5	1 36	17 26	0 10	26 5	2 48	14 31	1 18	22 53	0 36	20 4	0 12	8 15	0 58	4 29	16 57	3 13	3 13	18 14	13 28	2 28	
T 14	3 38	12 41	2 58	7 42	1 44	17 11	0 6	26 6	2 47	14 33	1 18	22 53	0 36	20 3	0 12	8 14	0 58	4 29	16 57	3 13	3 14	18 13	13 30	2 28	
F 15	3 15	9 3	1 47	8 18	1 52	16 54	0 2	26 7	2 46	14 35	1 18	22 53	0 36	20 3	0 12	8 13	0 58	4 30	16 57	3 13	3 15	18 13	13 31	2 28	
S 16	2 52	4 56	0 31	8 53	2 0	16 38	0n 1	26 8	2 45	14 37	1 18	22 53	0 36	20 3	0 12	8 13	0 58	4 30	16 57	3 13	3 17	18 13	13 33	2 28	
S 17	2 29	0 36	0s46	9 28	2 7	16 20	0 5	26 8	2 44	14 39	1 18	22 53	0 36	20 3	0 12	8 12	0 58	4 31	16 58	3 13	3 18	18 13	13 35	2 28	
M18	2 5	3n39	1 59	10 1	2 15	16 3	0 9	26 9	2 43	14 41	1 18	22 53	0 36	20 3	0 12	8 11	0 58	4 31	16 58	3 13	3 19	18 13	13 37	2 28	
T 19	1 42	7 37	3 3	10 33	2 22	15 45	0 12	26 9	2 43	14 43	1 18	22 53	0 36	20 3	0 12	8 10	0 58	4 32	16 58	3 13	3 20	18 12	13 39	2 28	
W20	1 18	11 7	3 56	11 5	2 29	15 26	0 16	26 9	2 42	14 44	1 18	22 53	0 36	20 3	0 12	8 9	0 58	4 32	16 58	3 13	3 22	18 12	13 40	2 28	
T 21	0 55	14 1	4 37	11 35	2 36	15 7	0 19	26 9	2 41	14 46	1 18	22 54	0 35	20 3	0 12	8 9	0 58	4 32	16 58	3 14	3 23	18 12	13 42	2 29	
F 22	0 32	16 12	5 3	12 4	2 43	14 48	0 22	26 8	2 40	14 48	1 18	22 54	0 35	20 2	0 12	8 8	0 58	4 33	16 58	3 14	3 24	18 12	13 44	2 29	
S 23	0 8	17 37	5 16	12 31	2 49	14 28	0 26	26 8	2 39	14 49	1 17	22 54	0 35	20 2	0 12	8 7	0 58	4 33	16 59	3 14	3 25	18 11	13 46	2 29	
S 24	0s15	18 15	5 14	12 57	2 55	14 7	0 29	26 7	2 38	14 51	1 17	22 54	0 35	20 2	0 12	8 6	0 58	4 34	16 59	3 14	3 27	18 11	13 48	2 29	
M25	0 39	18 4	5 0	13 22	3 1	13 47	0 32	26 6	2 37	14 52	1 17	22 54	0 35	20 2	0 12	8 5	0 58	4 34	16 59	3 14	3 28	18 11	13 50	2 29	
T 26	1 2	17 5	4 32	13 45	3 6	13 25	0 35	26 5	2 36	14 54	1 17	22 54	0 35	20 2	0 12	8 5	0 58	4 35	16 59	3 14	3 29	18 11	13 51	2 29	
W27	1 26	15 21	3 52	14 6	3 11	13 4	0 38	26 4	2 35	14 55	1 17	22 54	0 35	20 1	0 12	8 4	0 58	4 35	16 59	3 13	3 30	18 10	13 53	2 29	
T 28	1 49	12 55	3 2	14 25	3 16	12 42	0 41	26 2	2 34	14 57	1 17	22 54	0 34	20 1	0 12	8 3	0 58	4 36	16 59	3 13	3 32	18 10	13 55	2 29	
F 29	2 13	9 51	2 2	14 42	3 30	12 42	0 44	26 0	2 33	14 58	1 17	22 55	0 34	20 1	0 12	8 2	0 58	4 36	17 0	3 13	3 33	18 10	13 57	2 29	
S 30	2s36	6n17	0s56	14s57	3s23	11n57	0n47	25s58	2s32	14s59	1s17	22s55	0n34	20n 1	0s12	8n 1	0n58	4s37	17s 0	3n12	3n34	18n10	13s59	2n29	

ASTRODIENST EPHEMERIS for the year 1606

geocentric

OCTOBER 1606 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 37 53	7♂23'17	24♂40	1♂17	2♂0	4♂8	23°R15	1♂25	0°R 2	11♂54	29°R29	21°R57	20♂57	12♂6	15♂6	S 1
M 2	0 41 50	8°31'32	7♂50	1°40	3°12	4°48	23°12	1°27	0°II 1	11°56	29°Y28	21°♂56	20°54	12°13	15°13	M 2
T 3	0 45 46	9°30'49	21°17	1°58	4°24	5°28	23° 9	1°30	29♂59	11°58	29°27	21°54	20°51	12°20	15°20	T 3
W 4	0 49 43	10°30'08	5♂0	2° 8	5°36	6° 8	23° 5	1°33	29°58	12° 0	29°26	21°52	20°48	12°26	15°27	W 4
T 5	0 53 39	11°29'29	18°55	2°R12	6°48	6°49	23° 3	1°36	29°57	12° 2	29°24	21°50	20°45	12°33	15°34	T 5
F 6	0 57 36	12°28'52	2♂59	2° 9	8° 1	7°29	23° 0	1°39	29°55	12° 4	29°23	21°47	20°42	12°40	15°42	F 6
S 7	1 1 32	13°28'17	17°10	1°58	9°13	8°10	22°57	1°42	29°54	12° 6	29°22	21°44	20°38	12°47	15°49	S 7
S 8	1 5 29	14°27'43	1♂23	1°39	10°26	8°50	22°55	1°45	29°52	12° 8	29°21	21°43	20°35	12°53	15°56	S 8
M 9	1 9 25	15°27'12	15°35	1°11	11°38	9°31	22°53	1°48	29°51	12°10	29°20	21°D42	20°32	13° 0	16° 3	M 9
T 10	1 13 22	16°26'42	29°45	0°35	12°51	10°12	22°51	1°51	29°49	12°12	29°19	21°43	20°29	13° 7	16°11	T 10
W11	1 17 19	17°26'14	13♂51	29♂51	14° 4	10°53	22°49	1°54	29°48	12°14	29°18	21°44	20°26	13°13	16°18	W11
T 12	1 21 15	18°25'47	27°50	28°58	15°17	11°35	22°48	1°58	29°46	12°15	29°17	21°46	20°22	13°20	16°25	T 12
F 13	1 25 12	19°25'22	11♂42	27°59	16°29	12°16	22°46	2° 1	29°44	12°17	29°16	21°47	20°19	13°27	16°33	F 13
S 14	1 29 8	20°24'59	25°24	26°52	17°42	12°57	22°45	2° 5	29°43	12°19	29°15	21°R47	20°16	13°34	16°40	S 14
S 15	1 33 5	21°24'38	8°Y54	25°41	18°56	13°39	22°44	2° 8	29°41	12°21	29°13	21°46	20°13	13°40	16°48	S 15
M16	1 37 1	22°24'19	22°12	24°27	20° 9	14°21	22°44	2°12	29°39	12°23	29°12	21°43	20°10	13°47	16°55	M16
T 17	1 40 58	23°24'02	5♂15	23°12	21°22	15° 2	22°43	2°16	29°37	12°25	29°11	21°39	20° 7	13°54	17° 3	T 17
W18	1 44 54	24°23'47	18° 2	21°58	22°35	15°44	22°43	2°20	29°35	12°26	29°10	21°34	20° 3	14° 0	17°11	W18
T 19	1 48 51	25°23'34	0°II34	20°47	23°49	16°26	22°D43	2°24	29°33	12°28	29° 9	21°28	20° 0	14° 7	17°18	T 19
F 20	1 52 48	26°23'24	12°52	19°42	25° 2	17° 8	22°43	2°28	29°31	12°30	29° 8	21°22	19°57	14°14	17°26	F 20
S 21	1 56 44	27°23'15	24°58	18°44	26°15	17°50	22°43	2°32	29°29	12°32	29° 7	21°17	19°54	14°21	17°34	S 21
S 22	2 0 41	28°23'09	6♂55	17°55	27°29	18°33	22°44	2°36	29°27	12°33	29° 6	21°13	19°51	14°27	17°41	S 22
M23	2 4 37	29°23'05	18°47	17°17	28°43	19°15	22°44	2°41	29°25	12°35	29° 4	21°10	19°48	14°34	17°49	M23
T 24	2 8 34	0♂23'03	0♂39	16°50	29°56	19°58	22°45	2°45	29°23	12°37	29° 3	21°D 9	19°44	14°41	17°57	T 24
W25	2 12 30	1°23'03	12°35	16°34	1♂10	20°40	22°46	2°50	29°21	12°38	29° 2	21°10	19°41	14°47	18° 4	W25
T 26	2 16 27	2°23'05	24°41	16°D30	2°24	21°23	22°48	2°54	29°19	12°40	29° 1	21°12	19°38	14°54	18°12	T 26
F 27	2 20 23	3°23'10	7♂1	16°37	3°38	22° 5	22°49	2°59	29°17	12°41	29° 0	21°13	19°35	15° 1	18°20	F 27
S 28	2 24 20	4°23'16	19°41	16°54	4°52	22°48	22°51	3° 3	29°14	12°43	28°59	21°R14	19°32	15° 8	18°28	S 28
S 29	2 28 17	5°23'25	2♂42	17°22	6° 6	23°31	22°53	3° 8	29°12	12°44	28°58	21°13	19°28	15°14	18°36	S 29
M30	2 32 13	6°23'35	16° 7	17°59	7°20	24°14	22°55	3°13	29°10	12°46	28°57	21°11	19°25	15°21	18°44	M30
T 31	2 36 10	7♂23'48	29♂55	18♂44	8♂34	24♂57	22°55	3♂18	29♂8	12♂47	28°Y55	21♂6	19♂22	15♂28	18♂52	T 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
S 1	3s 0	2n21	0n15	15s 9	3s25	11n34	0n50	25s56	2s31	15s 0	1s17	22s55	0n34	20n 0	0s12	8n 1	0n58	4s37	17s 0	3n12	3n35	18n 9	14s 1	2n29			
M 2	3 23	1s47	1 27	15 19	3 27	11 10	0 53	25 54	2 30	15 1	1 17	22 55	0 34	20 0	0 12	8 0	0 58	4 38	17 0	3 12	3 37	18 9	14 3	2 30			
T 3	3 47	5 55	2 35	15 26	3 28	10 47	0 55	25 51	2 29	15 2	1 16	22 55	0 34	20 0	0 12	7 59	0 58	4 38	17 0	3 13	3 38	18 9	14 5	2 30			
W 4	4 10	9 49	3 36	15 29	3 28	10 22	0 58	25 48	2 28	15 3	1 16	22 55	0 34	20 0	0 12	7 58	0 58	4 38	17 0	3 14	3 39	18 8	14 7	2 30			
T 5	4 33	13 14	4 24	15 29	3 26	9 58	1 0	25 45	2 27	15 4	1 16	22 55	0 34	19 59	0 12	7 58	0 58	4 39	17 0	3 15	3 40	18 8	14 9	2 30			
F 6	4 56	15 55	4 58	15 26	3 24	9 33	1 3	25 42	2 26	15 5	1 16	22 55	0 33	19 59	0 12	7 57	0 58	4 39	17 0	3 16	3 42	18 8	14 11	2 30			
S 7	5 20	17 40	5 14	15 18	3 20	9 8	1 5	25 38	2 25	15 5	1 16	22 55	0 33	19 59	0 12	7 56	0 58	4 40	17 0	3 17	3 43	18 8	14 13	2 30			
S 8	5 43	18 19	5 10	15 7	3 15	8 43	1 8	25 35	2 23	15 6	1 16	22 55	0 33	19 58	0 12	7 56	0 58	4 40	17 0	3 18	3 44	18 7	14 15	2 30			
M 9	6 6	17 49	4 48	14 50	3 8	8 17	1 10	25 31	2 22	15 6	1 16	22 56	0 33	19 58	0 12	7 55	0 58	4 41	17 1	3 18	3 46	18 7	14 17	2 30			
T 10	6 29	16 12	4 8	14 29	2 59	7 52	1 12	25 27	2 21	15 7	1 15	22 56	0 33	19 58	0 12	7 54	0 59	4 41	17 1	3 18	3 47	18 7	14 19	2 30			
W11	6 52	13 37	3 13	14 4	2 48	7 25	1 14	25 22	2 20	15 7	1 15	22 56	0 33	19 57	0 12	7 53	0 59	4 42	17 1	3 17	3 48	18 6	14 21	2 31			
T 12	7 14	10 15	2 8	13 34	2 36	6 59	1 16	25 18	2 19	15 8	1 15	22 56	0 33	19 57	0 12	7 53	0 59	4 42	17 1	3 16	3 49	18 6	14 23	2 31			
F 13	7 37	6 20	0 55	12 59	2 22	6 33	1 18	25 13	2 18	15 8	1 15	22 56	0 33	19 57	0 12	7 52	0 59	4 42	17 1	3 16	3 51	18 6	14 25	2 31			
S 14	8 0	2 8	0s20	12 20	2 6	6 6	1 20	25 8	2 17	15 8	1 15	22 56	0 32	19 56	0 12	7 51	0 59	4 43	17 1	3 16	3 52	18 5	14 27	2 31			
S 15	8 22	2n 7	1 32	11 38	1 48	5 39	1 22	25 2	2 16	15 8	1 15	22 56	0 32	19 56	0 12	7 51	0 59	4 43	17 1	3 16	3 53	18 5	14 28	2 31			
M16	8 44	6 12	2 39	10 53	1 30	5 12	1 24	24 57	2 15	15 9	1 15	22 56	0 32	19 56	0 12	7 50	0 59	4 44	17 1	3 17	3 54	18 5	14 30	2 31			
T 17	9 6	9 55	3 35	10 7	1 10	4 44	1 25	24 51	2 14	15 9	1 14	22 56	0 32	19 55	0 12	7 49	0 59	4 44	17 1	3 19	3 56	18 5	14 32	2 31			
W18	9 29	13 5	4 20	9 20	0 49	4 17	1 27	24 45	2 13	15 9	1 14	22 56	0 32	19 55	0 12	7 49	0 59	4 44	17 1	3 21	3 57	18 4	14 34	2 32			
T 19	9 50	15 34	4 51	8 34	0 28	3 49	1 28	24 39	2 12	15 8	1 14	22 56	0 32	19 54	0 12	7 48	0 59	4 45	17 1	3 24	3 58	18 4	14 36	2 32			
F 20	10 12	17 18	5 8	7 51	0 8	3 21	1 30	24 33	2 10	15 8	1 14	22 56	0 32	19 54	0 12	7 47	0 59	4 45	17 1	3 26	3 59	18 4	14 38	2 32			
S 21	10 34	18 13	5 10	7 10	0n12	2 53	1 31	24 26	2 9	15 8	1 14	22 56	0 32	19 53	0 12	7 47	0 59	4 46	17 1	3 28	4 1	18 3	14 40	2 32			
S 22	10 55	18 19	4 59	6 34	0 31	2 25	1 32	24 19	2 8	15 8	1 14	22 56	0 31	19 53	0 12	7 46	0 59	4 46	17 1	3 30	4 2	18 3	14 42	2 32			
M23	11 17	17 37	4 36	6 3	0 48	1 57	1 33	24 12	2 7	15 7	1 14	22 56	0 31	19 53	0 12	7 46	0 59	4 46	17 1	3 30	4 3	18 3	14 44	2 32			
T 24	11 38	16 8	4 0	5 38	1 5	1 28	1 35	24 5	2 6	15 7	1 13	22 56	0 31	19 52	0 12	7 45	0 59	4 47	17 1	3 31	4 4	18 2	14 46	2 32			
W25	11 59	13 57	3 14	5 19	1 19	1 0	1 36	23 57	2 5	15 6	1 13	22 56	0 31	19 52	0 12	7 44	0 59	4 47	17 1	3 30	4 6	18 2	14 48	2 33			
T 26	12 20	11 8	2 19	5 5	1 32	0 31	1 36	23 49	2 4	15 6	1 13	22 56	0 31	19 51	0 12	7 44	0 59	4 47	17 1	3 30	4 7	18 2	14 50	2 33			
F 27	12 40	7 46	1 16	4 58	1 43	0 3	1 37	23 41	2 2	15 5	1 13	22 56	0 31	19 51	0 12	7 43	0 59	4 48	17 1	3 29	4 8	18 1	14 52	2 33			
S 28	13 1	3 58	0 8	4 56	1 52	0s26	1 38	23 33	2 1	15 4	1 13	22 56	0 31	19 50	0 12	7 43	0 59	4 48	17 1	3 29	4 9	18 1	14 54	2 33			
S 29	13 21	0s 8	1n 2	5 0	1 59	0 55	1 39	23 24	2 0	15 4	1 13	22 56	0 31	19 50	0 12	7 42	0 59	4 48	17 1	3 29	4 11	18 0	14 56	2 33			
M30	13 41	4 21	2 10	5 8	2 5	1 44	1 39	23 16	1 59	15 3	1 12	22 56	0 30	19 49	0 12	7 42	0 59	4 49	17 1	3 30	4 12	18 0	14 58	2 34			
T 31	14s 0	8s27	3n13	5s21	2n 9	1s52	1n40	23s 7	1s58	15s 2	1s12	22s56	0n30	19n49	0s12	7n41	0n59	4s49	17s 1	3n32	4n13	18n 0	15s 0	2n34			

ASTRODIENST EPHEMERIS for the year 1606
geocentric

DECEMBER 1606 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 38 23	8°42'45	22♈ 2	3♊31	17♌ 9	17♌40	25♌41	6♊18	27°R51	13♍18	28°R24	18°R11	17♍44	18♊56	22♌57	F 1
S 2	4 42 19	9°43'44	7♊ 5	5° 5	18°24	18°24	25°49	6°24	27♊49	13°19	28°Y23	18♍ 0	17°40	19° 2	23° 4	S 2
S 3	4 46 16	10°44'44	22° 2	6°39	19°39	19° 9	25°57	6°31	27°46	13°19	28°23	17°51	17°37	19° 9	23°12	S 3
M 4	4 50 13	11°45'44	6♈44	8°14	20°54	19°54	26° 5	6°38	27°44	13°20	28°22	17°45	17°34	19°16	23°20	M 4
T 5	4 54 9	12°46'45	21° 8	9°48	22°10	20°38	26°14	6°44	27°41	13°20	28°21	17°41	17°31	19°22	23°27	T 5
W 6	4 58 6	13°47'47	5♊ 9	11°22	23°25	21°23	26°22	6°51	27°39	13°21	28°20	17°40	17°28	19°29	23°35	W 6
T 7	5 2 2	14°48'49	18°49	12°56	24°40	22° 8	26°31	6°58	27°36	13°21	28°20	17°40	17°25	19°36	23°43	T 7
F 8	5 5 59	15°49'51	2♊ 9	14°30	25°55	22°52	26°40	7° 4	27°34	13°21	28°19	17°40	17°21	19°42	23°50	F 8
S 9	5 9 55	16°50'54	15°13	16° 5	27°10	23°37	26°49	7°11	27°32	13°21	28°18	17°38	17°18	19°49	23°58	S 9
S 10	5 13 52	17°51'57	28° 1	17°39	28°26	24°22	26°58	7°18	27°29	13°22	28°18	17°33	17°15	19°56	24° 5	S 10
M 11	5 17 48	18°53'01	10♊38	19°14	29°41	25° 6	27° 7	7°25	27°27	13°22	28°17	17°26	17°12	20° 3	24°13	M 11
T 12	5 21 45	19°54'05	23° 4	20°49	0♊56	25°51	27°16	7°32	27°25	13°22	28°16	17°15	17° 9	20° 9	24°20	T 12
W 13	5 25 42	20°55'10	5♌22	22°23	2°11	26°36	27°26	7°38	27°23	13°22	28°16	17° 2	17° 5	20°16	24°27	W 13
T 14	5 29 38	21°56'16	17°32	23°58	3°27	27°20	27°35	7°45	27°20	13°22	28°15	16°47	17° 2	20°23	24°35	T 14
F 15	5 33 35	22°57'21	29°35	25°34	4°42	28° 5	27°45	7°52	27°18	13°22	28°14	16°32	16°59	20°29	24°42	F 15
S 16	5 37 31	23°58'28	11♊32	27° 9	5°57	28°50	27°55	7°59	27°16	13°R22	28°14	16°18	16°56	20°36	24°49	S 16
S 17	5 41 28	24°59'35	23°24	28°45	7°12	29°35	28° 5	8° 6	27°14	13°22	28°13	16° 6	16°53	20°43	24°57	S 17
M 18	5 45 24	26° 0'42	5♌13	0♊21	8°28	0♊19	28°15	8°13	27°12	13°22	28°13	15°57	16°50	20°49	25° 4	M 18
T 19	5 49 21	27° 1'50	17° 2	1°57	9°43	1° 4	28°25	8°20	27°10	13°22	28°12	15°51	16°46	20°56	25°11	T 19
W 20	5 53 17	28° 2'59	28°55	3°33	10°58	1°49	28°36	8°27	27° 7	13°22	28°12	15°48	16°43	21° 3	25°18	W 20
T 21	5 57 14	29° 4'08	10♍55	5° 9	12°14	2°33	28°46	8°34	27° 5	13°22	28°11	15°D46	16°40	21°10	25°25	T 21
F 22	6 1 11	0♊ 5'17	23° 8	6°46	13°29	3°18	28°57	8°41	27° 3	13°21	28°11	15°46	16°37	21°16	25°32	F 22
S 23	6 5 7	1° 6'27	5♌40	8°23	14°44	4° 3	29° 8	8°48	27° 1	13°21	28°10	15°R46	16°34	21°23	25°39	S 23
S 24	6 9 4	2° 7'38	18°34	10° 0	16° 0	4°48	29°18	8°55	26°59	13°21	28°10	15°45	16°31	21°30	25°46	S 24
M 25	6 13 0	3° 8'49	1♌56	11°37	17°15	5°32	29°29	9° 2	26°58	13°21	28° 9	15°42	16°27	21°36	25°53	M 25
T 26	6 16 57	4°10'00	15°49	13°15	18°30	6°17	29°40	9° 9	26°56	13°20	28° 9	15°36	16°24	21°43	26° 0	T 26
W 27	6 20 53	5°11'12	0♊11	14°52	19°46	7° 2	29°52	9°16	26°54	13°20	28° 9	15°28	16°21	21°50	26° 7	W 27
T 28	6 24 50	6°12'24	15° 0	16°30	21° 1	7°46	0♊ 3	9°23	26°52	13°20	28° 8	15°18	16°18	21°56	26°13	T 28
F 29	6 28 46	7°13'36	0♊ 9	18° 8	22°16	8°31	0°14	9°30	26°50	13°19	28° 8	15° 7	16°15	22° 3	26°20	F 29
S 30	6 32 43	8°14'49	15°27	19°46	23°32	9°16	0°26	9°37	26°49	13°19	28° 8	14°57	16°11	22°10	26°27	S 30
S 31	6 36 40	9♊16'01	0♈43	21♊23	24♊47	10♊ 0	0♊37	9♊45	26♊47	13♍18	28°Y 7	14♍48	16♍ 8	22♊17	26♌33	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	21s48	18s16	5n 0	21s14	0s20	15s43	1n19	16s52	1s22	14s 2	1s 7	22s53	0n27	19n32	0s11	7n30	1n 0	4s55	16s56	4n41	4n52	17n47	15s57	2n41			
S 2	21 57	18 34	4 44	21 38	0 27	16 6	1 17	16 37	1 21	14 0	1 7	22 53	0 27	19 32	0 11	7 30	1 0	4 55	16 55	4 45	4 53	17 47	15 58	2 42			
S 3	22 6	17 35	4 9	22 1	0 33	16 28	1 16	16 22	1 19	13 57	1 7	22 53	0 27	19 31	0 11	7 30	1 1	4 55	16 55	4 49	4 54	17 46	16 0	2 42			
M 4	22 15	15 26	3 18	22 23	0 40	16 50	1 14	16 7	1 18	13 54	1 7	22 52	0 27	19 31	0 11	7 30	1 1	4 55	16 55	4 51	4 55	17 46	16 1	2 42			
T 5	22 23	12 21	2 15	22 43	0 46	17 11	1 12	15 52	1 17	13 51	1 7	22 52	0 27	19 30	0 11	7 30	1 1	4 55	16 55	4 52	4 57	17 45	16 3	2 43			
W 6	22 30	8 37	1 6	23 3	0 52	17 32	1 10	15 36	1 16	13 48	1 7	22 52	0 27	19 29	0 11	7 30	1 1	4 55	16 54	4 53	4 58	17 45	16 4	2 43			
T 7	22 37	4 31	0s 6	23 21	0 58	17 52	1 8	15 21	1 15	13 45	1 6	22 52	0 27	19 29	0 11	7 30	1 1	4 55	16 54	4 53	4 59	17 44	16 6	2 43			
F 8	22 44	0 18	1 16	23 38	1 4	18 12	1 6	15 5	1 14	13 42	1 6	22 51	0 27	19 28	0 11	7 29	1 1	4 55	16 54	4 53	5 0	17 44	16 8	2 44			
S 9	22 50	3n51	2 20	23 55	1 9	18 31	1 4	14 49	1 13	13 38	1 6	22 51	0 27	19 28	0 11	7 29	1 1	4 55	16 53	4 54	5 2	17 43	16 9	2 44			
S 10	22 56	7 45	3 16	24 9	1 15	18 50	1 2	14 33	1 11	13 35	1 6	22 51	0 26	19 27	0 11	7 29	1 1	4 55	16 53	4 56	5 3	17 43	16 11	2 44			
M11	23 1	11 14	4 1	24 23	1 20	19 9	1 0	14 17	1 10	13 32	1 6	22 50	0 26	19 27	0 11	7 29	1 1	4 55	16 53	4 59	5 4	17 42	16 12	2 45			
T 12	23 6	14 10	4 34	24 35	1 25	19 26	0 58	14 1	1 9	13 28	1 6	22 50	0 26	19 26	0 11	7 29	1 1	4 55	16 53	5 3	5 5	17 42	16 13	2 45			
W13	23 11	16 26	4 53	24 46	1 30	19 44	0 56	13 44	1 8	13 25	1 6	22 50	0 26	19 26	0 11	7 29	1 1	4 55	16 52	5 8	5 6	17 41	16 15	2 45			
T 14	23 15	17 56	4 59	24 56	1 35	20 0	0 54	13 28	1 7	13 22	1 6	22 50	0 26	19 25	0 11	7 29	1 1	4 55	16 52	5 14	5 8	17 41	16 16	2 46			
F 15	23 18	18 37	4 52	25 4	1 39	20 17	0 51	13 11	1 6	13 18	1 5	22 49	0 26	19 25	0 11	7 29	1 1	4 55	16 52	5 19	5 9	17 41	16 18	2 46			
S 16	23 21	18 29	4 32	25 11	1 43	20 32	0 49	12 55	1 5	13 15	1 5	22 49	0 26	19 24	0 11	7 29	1 1	4 54	16 51	5 25	5 10	17 40	16 19	2 47			
S 17	23 24	17 31	3 59	25 16	1 47	20 47	0 47	12 38	1 3	13 11	1 5	22 49	0 26	19 24	0 11	7 29	1 1	4 54	16 51	5 29	5 11	17 40	16 21	2 47			
M18	23 26	15 49	3 17	25 20	1 51	21 2	0 45	12 21	1 2	13 7	1 5	22 48	0 26	19 23	0 11	7 30	1 1	4 54	16 51	5 33	5 13	17 39	16 22	2 47			
T 19	23 27	13 27	2 26	25 22	1 54	21 15	0 42	12 4	1 1	13 4	1 5	22 48	0 26	19 23	0 11	7 30	1 1	4 54	16 50	5 35	5 14	17 39	16 23	2 48			
W20	23 28	10 30	1 28	25 23	1 57	21 29	0 40	11 47	1 0	13 0	1 5	22 47	0 26	19 22	0 11	7 30	1 1	4 54	16 50	5 37	5 15	17 38	16 24	2 48			
T 21	23 29	7 5	0 26	25 23	2 0	21 41	0 37	11 30	0 59	12 56	1 5	22 47	0 26	19 22	0 11	7 30	1 1	4 54	16 50	5 37	5 16	17 37	16 26	2 48			
F 22	23 29	3 20	0n39	25 21	2 2	21 53	0 35	11 13	0 58	12 52	1 5	22 47	0 25	19 22	0 11	7 30	1 1	4 54	16 50	5 37	5 18	17 37	16 27	2 49			
S 23	23 29	0s40	1 44	25 17	2 4	22 4	0 33	10 56	0 57	12 48	1 5	22 46	0 25	19 21	0 11	7 30	1 1	4 54	16 49	5 37	5 19	17 36	16 28	2 49			
S 24	23 28	4 45	2 45	25 12	2 6	22 15	0 30	10 38	0 56	12 45	1 4	22 46	0 25	19 21	0 11	7 30	1 1	4 53	16 49	5 38	5 20	17 36	16 30	2 50			
M25	23 27	8 44	3 39	25 6	2 7	22 25	0 28	10 21	0 55	12 41	1 4	22 46	0 25	19 20	0 11	7 30	1 2	4 53	16 49	5 39	5 21	17 35	16 31	2 50			
T 26	23 25	12 24	4 23	24 57	2 8	22 34	0 25	10 3	0 53	12 37	1 4	22 45	0 25	19 20	0 11	7 31	1 2	4 53	16 48	5 41	5 23	17 35	16 32	2 50			
W27	23 23	15 28	4 52	24 48	2 9	22 43	0 23	9 46	0 52	12 33	1 4	22 45	0 25	19 19	0 11	7 31	1 2	4 53	16 48	5 44	5 24	17 34	16 33	2 51			
T 28	23 21	17 38	5 2	24 36	2 9	22 51	0 20	9 28	0 51	12 29	1 4	22 44	0 25	19 19	0 11	7 31	1 2	4 53	16 48	5 48	5 25	17 34	16 34	2 51			
F 29	23 17	18 37	4 52	24 23	2 9	22 58	0 18	9 10	0 50	12 24	1 4	22 44	0 25	19 19	0 11	7 31	1 2	4 52	16 47	5 53	5 26	17 33	16 35	2 52			
S 30	23 14	18 16	4 21	24 8	2 8	23 4	0 15	8 52	0 49	12 20	1 4	22 43	0 25	19 18	0 11	7 31	1 2	4 52	16 47	5 56	5 28	17 33	16 36	2 52			
S 31	23s10	16s36	3n31	23s52	2s 6	23s10	0n13	8s34	0s48	12s16	1s 4	22s43	0n25	19n18	0s11	7n32	1n 2	4s52	16s46	6n 0	5n29	17n32	16s38	2n53			