



Astrodienst Ephemeris Tables for the year 1522

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 1522

geocentric

JANUARY 1522 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	7 18 25	20°36'58"	23°44'44"	7°45'45"	14°27'27"	26°09'09"	8°29'29"	14°29'29"	21°R 7	1°47'47"	11°47'47"	8°R41	9°Y34	14°36'36"	17°39'39"	W 1
T 2	7 22 21	21° 8'06"	6°12'21"	8° 3'03"	15°41'41"	26°56'56"	8°43'43"	14°35'35"	21°B 6	1°49'49"	11°49'49"	8°Y34	9°31'31"	14°42'42"	17°43'43"	T 2
F 3	7 26 18	22° 9'12"	19° 9'09"	8°R11	16°54'54"	27°43'43"	8°57'57"	14°42'42"	21° 5	1°51'51"	11°51'51"	8°30'30"	9°28'28"	14°49'49"	17°47'47"	F 3
S 4	7 30 15	23°10'18"	2°Y12	8° 7'07"	18° 7'07"	28°30'30"	9°11'11"	14°49'49"	21° 5	1°52'52"	11°53'53"	8°29'29"	9°25'25"	14°56'56"	17°51'51"	S 4
S 5	7 34 11	24°11'23"	15°30'30"	7°52'52"	19°21'21"	29°17'17"	9°24'24"	14°56'56"	21° 4	1°54'54"	11°55'55"	8°D29	9°22'22"	15° 2'02"	17°55'55"	S 5
M 6	7 38 8	25°12'27"	29° 8'08"	7°25'25"	20°34'34"	0°55'55"	9°38'38"	15° 3'03"	21° 3	1°56'56"	11°57'57"	8°R29	9°19'19"	15° 9'09"	17°59'59"	M 6
T 7	7 42 4	26°13'29"	13°B 6	6°46'46"	21°48'48"	0°52'52"	9°52'52"	15°10'10"	21° 2	1°58'58"	11°59'59"	8°28'28"	9°15'15"	15°16'16"	18° 4'04"	T 7
W 8	7 46 1	27°14'31"	27°25'25"	5°58'58"	23° 2'02"	1°39'39"	10° 5'05"	15°17'17"	21° 2	2° 0'00"	12° 1'01"	8°24'24"	9°12'12"	15°23'23"	18° 8'08"	W 8
T 9	7 49 57	28°15'32"	12°II 3	5° 0'00"	24°15'15"	2°26'26"	10°19'19"	15°24'24"	21° 1	2° 2'02"	12° 3'03"	8°18'18"	9° 9'09"	15°29'29"	18°12'12"	T 9
F 10	7 53 54	29°16'31"	26°55'55"	3°55'55"	25°29'29"	3°14'14"	10°33'33"	15°31'31"	21° 1	2° 4'04"	12° 5'05"	8°10'10"	9° 6'06"	15°36'36"	18°16'16"	F 10
S 11	7 57 50	0°17'30"	11°B55	2°44'44"	26°42'42"	4° 1'01"	10°46'46"	15°38'38"	21° 0	2° 6'06"	12° 7'07"	8° 0'00"	9° 3'03"	15°43'43"	18°20'20"	S 11
S 12	8 1 47	1°18'27"	26°52'52"	1°30'30"	27°56'56"	4°48'48"	11° 0'00"	15°45'45"	21° 0	2° 8'08"	12° 9'09"	7°49'49"	9° 0'00"	15°49'49"	18°25'25"	S 12
M13	8 5 44	2°19'24"	11°B37	0°15'15"	29°10'10"	5°35'35"	11°13'13"	15°52'52"	20°59'59"	2°10'10"	12°11'11"	7°39'39"	8°56'56"	15°56'56"	18°29'29"	M13
T14	8 9 40	3°20'19"	26° 2'02"	29°B 1	0°23'23"	6°23'23"	11°27'27"	15°59'59"	20°59'59"	2°12'12"	12°13'13"	7°31'31"	8°53'53"	16° 3'03"	18°33'33"	T14
W15	8 13 37	4°21'13"	10°II 2	2°49'49"	1°37'37"	7°10'10"	11°40'40"	16° 6'06"	20°59'59"	2°14'14"	12°15'15"	7°25'25"	8°50'50"	16°10'10"	18°37'37"	W15
T16	8 17 33	5°22'07"	23°34'34"	2°51'51"	7°57'57"	11°54'54"	16°13'13"	20°59'59"	2°16'16"	12°17'17"	7°22'22"	8°47'47"	16°16'16"	18°42'42"	19° 7'07"	T16
F17	8 21 30	6°22'59"	6°B38	2°54'54"	4° 5'05"	8°45'45"	12° 7'07"	16°21'21"	20°59'59"	2°18'18"	12°19'19"	7°D21	8°44'44"	16°23'23"	18°46'46"	F17
S18	8 25 26	7°23'51"	19°18'18"	2°49'49"	5°19'19"	9°32'32"	12°20'20"	16°28'28"	20°58'58"	2°20'20"	12°21'21"	7°22'22"	8°40'40"	16°30'30"	18°50'50"	S18
S19	8 29 23	8°24'42"	1°II38	2°4'44"	6°32'32"	10°19'19"	12°33'33"	16°35'35"	20°D58	2°23'23"	12°23'23"	7°22'22"	8°37'37"	16°36'36"	18°54'54"	S19
M20	8 33 19	9°25'32"	13°43'43"	2°27'27"	7°46'46"	11° 7'07"	12°47'47"	16°42'42"	20°58'58"	2°25'25"	12°25'25"	7°R22	8°34'34"	16°43'43"	18°59'59"	M20
T21	8 37 16	10°26'21"	25°38'38"	2°29'29"	9° 0'00"	11°54'54"	13° 0'00"	16°49'49"	20°58'58"	2°27'27"	12°26'26"	7°21'21"	8°31'31"	16°50'50"	19° 3'03"	T21
W22	8 41 13	11°27'09"	7°B28	2°28'28"	10°14'14"	12°42'42"	13°13'13"	16°56'56"	20°59'59"	2°29'29"	12°28'28"	7°17'17"	8°28'28"	16°57'57"	19° 7'07"	W22
T23	8 45 9	12°27'56"	19°19'19"	2°26'26"	11°28'28"	13°29'29"	13°26'26"	17° 4'04"	20°59'59"	2°31'31"	12°30'30"	7°11'11"	8°25'25"	17° 3'03"	19°12'12"	T23
F24	8 49 6	13°28'42"	1°B13	2°D22	12°42'42"	14°16'16"	13°39'39"	17°11'11"	20°59'59"	2°33'33"	12°32'32"	7° 3'03"	8°21'21"	17°10'10"	19°16'16"	F24
S25	8 53 2	14°29'27"	13°15'15"	2°25'25"	13°56'56"	15° 4'04"	13°52'52"	17°18'18"	20°59'59"	2°35'35"	12°34'34"	6°53'53"	8°18'18"	17°17'17"	19°20'20"	S25
S26	8 56 59	15°30'10"	25°26'26"	2°23'23"	15°10'10"	15°51'51"	14° 5'05"	17°25'25"	21° 0'00"	2°38'38"	12°36'36"	6°43'43"	8°15'15"	17°23'23"	19°25'25"	S26
M27	9 0 55	16°30'52"	7°B48	2°25'25"	16°24'24"	16°39'39"	14°18'18"	17°33'33"	21° 0'00"	2°40'40"	12°37'37"	6°33'33"	8°12'12"	17°30'30"	19°29'29"	M27
T28	9 4 52	17°31'33"	20°21'21"	2°14'14"	17°38'38"	17°26'26"	14°31'31"	17°40'40"	21° 0'00"	2°42'42"	12°39'39"	6°24'24"	8° 9'09"	17°37'37"	19°33'33"	T28
W29	9 8 48	18°32'12"	3°B 6	2°34'34"	18°52'52"	18°14'14"	14°44'44"	17°47'47"	21° 1'01"	2°44'44"	12°41'41"	6°18'18"	8° 6'06"	17°44'44"	19°38'38"	W29
T30	9 12 45	19°32'50"	16° 3'03"	2°14'14"	20° 6'06"	19° 1'01"	14°56'56"	17°54'54"	21° 1'01"	2°47'47"	12°43'43"	6°13'13"	8° 2'02"	17°50'50"	19°42'42"	T30
F31	9 16 42	20°33'26"	29°B10	2°B52	21°B20	19°B48	15°B 9	18°B 1	21°B 2	2°B49	12°B44	6°Y11	7°Y59	17°B57	19°B47	F31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	22s 0	16s59	3s33	17s55	0n29	21s 5	1n32	22s 1	1s 3	23s15	0s 1	17s33	1s 4	17n51	0s15	11s36
T 2	21 50	11 42	2 41	17 34	0 46	21 15	1 29	21 52	1 3	23 14	0 1	17 31	1 4	17 51	0 15	11 36
F 3	21 41	5 50	1 40	17 14	1 4	21 25	1 27	21 43	1 3	23 13	0 1	17 29	1 4	17 51	0 15	11 35
S 4	21 31	0n22	0 33	16 57	1 23	21 35	1 24	21 33	1 4	23 12	0 1	17 27	1 4	17 50	0 15	11 34
S 5	21 20	6 41	0n37	16 44	1 41	21 44	1 21	21 24	1 4	23 11	0 1	17 25	1 4	17 50	0 15	11 34
M 6	21 9	12 52	1 47	16 33	1 59	21 52	1 19	21 14	1 4	23 11	0 1	17 23	1 4	17 50	0 15	11 33
T 7	20 58	18 33	2 52	16 25	2 17	21 59	1 16	21 4	1 4	23 10	0 1	17 21	1 4	17 50	0 15	11 32
W 8	20 46	23 21	3 49	16 21	2 34	22 6	1 13	20 53	1 4	23 9	0 2	17 19	1 4	17 50	0 14	11 32
T 9	20 34	26 46	4 31	16 20	2 49	22 13	1 10	20 43	1 4	23 8	0 2	17 17	1 4	17 50	0 14	11 31
F 10	20 21	28 24	4 56	16 22	3 3	22 18	1 7	20 32	1 4	23 7	0 2	17 15	1 4	17 50	0 14	11 30
S 11	20 9	27 58	5 1	16 26	3 15	22 23	1 4	20 21	1 4	23 6	0 2	17 13	1 4	17 49	0 14	11 30
S 12	19 55	25 31	4 46	16 34	3 24	22 28	1 2	20 9	1 4	23 5	0 2	17 10	1 4	17 49	0 14	11 29
M13	19 42	21 22	4 11	16 43	3 31	22 31	0 59	19 58	1 4	23 4	0 2	17 8	1 4	17 49	0 14	11 28
T14	19 28	16 1	3 21	16 54	3 36	22 35	0 56	19 46	1 5	23 3	0 2	17 6	1 4	17 49	0 14	11 27
W15	19 13	9 59	2 20	17 6	3 38	22 37	0 53	19 34	1 5	23 2	0 2	17 4	1 4	17 49	0 14	11 27
T16	18 59	3 41	1 13	17 19	3 37	22 39	0 50	19 22	1 5	23 1	0 2	17 2	1 4	17 49	0 14	11 26
F17	18 44	2s35	0 4	17 32	3 35	22 40	0 47	19 10	1 5	22 59	0 2	17 0	1 4	17 49	0 14	11 25
S18	18 28	8 33	1s 3	17 46	3 31	22 40	0 44	18 57	1 5	22 58	0 3	16 58	1 4	17 49	0 14	11 24
S19	18 13	14 3	2 6	18 0	3 24	22 40	0 41	18 44	1 5	22 57	0 3	16 56	1 4	17 49	0 14	11 24
M20	17 57	18 53	3 2	18 14	3 17	22 39	0 38	18 31	1 5	22 56	0 3	16 54	1 4	17 49	0 14	11 23
T21	17 40	22 55	3 49	18 27	3 8	22 37	0 35	18 18	1 5	22 55	0 3	16 52	1 4	17 49	0 14	11 22
W22	17 24	25 59	4 25	18 40	2 58	22 35	0 32	18 5	1 5	22 54	0 3	16 49	1 4	17 49	0 14	11 21
T23	17 7	27 54	4 51	18 52	2 48	22 32	0 29	17 51	1 5	22 52	0 3	16 47	1 4	17 49	0 14	11 20
F24	16 49	28 34	5 4	19 4	2 37	22 28	0 26	17 38	1 5	22 51	0 3	16 45	1 4	17 49	0 14	11 20
S25	16 32	27 52	5 3	19 15	2 25	22 24	0 23	17 24	1 5	22 50	0 3	16 43	1 5	17 49	0 14	11 19
S26	16 14	25 51	4 49	19 25	2 14	22 19	0 20	17 10	1 5	22 49	0 3	16 41	1 5	17 50	0 14	11 18
M27	15 56	22 35	4 22	19 34	2 2	22 13	0 17	16 55	1 5	22 48	0 3	16 39	1 5	17 50	0 14	11 17
T28	15 37	18 14	3 41	19 42	1 50	22 7	0 14	16 41	1 5	22 46	0 4	16 36	1 5	17 50	0 14	11 17
W29	15 19	13 1	2 48	19 49	1 38	22 0	0 11	16 26	1 5	22 45	0 4	16 34	1 5	17 50	0 14	11 16
T30	15 0	7 9	1 46	19 55	1 26	21 52	0 8	16 11	1 5	22 44	0 4	16 32	1 5	17 50	0 14	11 15
F31	14s41	0s54	0s38	20s 0	1n14	21s44	0n 5	15s56	1s 5	22s42	0s 4	16s30	1s 5	17n50	0s14	11s14

Julian Day Number = 2276968.5, Delta T = 242.62 sec

Ecliptic obliquity = 23°30'14", Nutation = - 0°00'02", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°04'14", Lahiri = 17°11'15" Julian Calendar 1 Jan. 1522 == Greg. Calendar 11 Jan. 1522

ASTRODIENST EPHEMERIS for the year 1522
geocentric

FEBRUARY 1522 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	9 20 38	21 ³⁴ 00	12 ³⁰ 30	25 ³⁴ 34	22 ³⁴ 34	20 ³⁶ 36	15 ³² 22	18 ³⁶ 9	21 ³⁸ 3	2 ³⁵ 51	12 ³⁶ 46	6 ³⁰ D11	7 ³⁰ 56	18 ³⁷ 4	19 ³⁵ 51	S 1
S 2	9 24 35	22 ³⁴ 32	26° 1	26°20	23°48	21°23	15°34	18°16	21° 3	2°53	12°48	6 ³⁰ Y12	7°53	18°10	19°55	S 2
M 3	9 28 31	23°35'03	9 ³⁴ 44	27° 9	25° 2	22°11	15°47	18°23	21° 4	2°55	12°49	6°14	7°50	18°17	20° 0	M 3
T 4	9 32 28	24°35'32	23°40	28° 2	26°16	22°58	15°59	18°30	21° 5	2°58	12°51	6°R14	7°46	18°24	20° 4	T 4
W 5	9 36 24	25°35'59	7 ³⁴ 49	28°58	27°30	23°45	16°11	18°37	21° 6	3° 0	12°53	6°14	7°43	18°31	20° 8	W 5
T 6	9 40 21	26°36'24	22° 8	29°57	28°44	24°33	16°24	18°45	21° 7	3° 2	12°54	6°11	7°40	18°37	20°13	T 6
F 7	9 44 17	27°36'47	6 ³⁶ 36	0 ³⁶ 58	29°58	25°20	16°36	18°52	21° 8	3° 5	12°56	6° 7	7°37	18°44	20°17	F 7
S 8	9 48 14	28°37'08	21° 7	2° 2	1 ³⁶ 12	26° 8	16°48	18°59	21° 9	3° 7	12°57	6° 2	7°34	18°51	20°21	S 8
S 9	9 52 11	29°37'27	5 ³⁶ 36	3° 8	2°26	26°55	17° 0	19° 6	21°10	3° 9	12°59	5°56	7°31	18°57	20°26	S 9
M10	9 56 7	0 ³⁶ 3744	19°57	4°17	3°40	27°42	17°12	19°13	21°11	3°11	13° 0	5°50	7°27	19° 4	20°30	M10
T 11	10 0 4	1°37'59	4 ³⁶ 4	5°27	4°54	28°30	17°24	19°20	21°12	3°14	13° 2	5°46	7°24	19°11	20°34	T 11
W12	10 4 0	2°38'12	17°51	6°40	6° 8	29°17	17°36	19°28	21°13	3°16	13° 3	5°43	7°21	19°18	20°38	W12
T 13	10 7 57	3°38'24	1 ³⁶ 17	7°54	7°22	0 ³⁶ 4	17°48	19°35	21°14	3°18	13° 5	5°D42	7°18	19°24	20°43	T 13
F 14	10 11 53	4°38'34	14°21	9°10	8°36	0°52	17°59	19°42	21°16	3°20	13° 6	5°42	7°15	19°31	20°47	F 14
S 15	10 15 50	5°38'42	27° 3	10°27	9°50	1°39	18°11	19°49	21°17	3°23	13° 8	5°43	7°11	19°38	20°51	S 15
S 16	10 19 46	6°38'49	9 ³⁶ 26	11°47	11° 5	2°26	18°22	19°56	21°18	3°25	13° 9	5°45	7° 8	19°44	20°55	S 16
M17	10 23 43	7°38'54	21°35	13° 7	12°19	3°14	18°34	20° 3	21°20	3°27	13°10	5°47	7° 5	19°51	21° 0	M17
T 18	10 27 40	8°38'58	3 ³⁶ 33	14°29	13°33	4° 1	18°45	20°10	21°21	3°30	13°12	5°R48	7° 2	19°58	21° 4	T 18
W19	10 31 36	9°38'59	15°26	15°53	14°47	4°48	18°57	20°17	21°23	3°32	13°13	5°48	6°59	20° 5	21° 8	W19
T 20	10 35 33	10°39'00	27°18	17°18	16° 1	5°35	19° 8	20°24	21°24	3°34	13°14	5°46	6°56	20°11	21°12	T 20
F 21	10 39 29	11°38'58	9 ³⁶ 15	18°44	17°15	6°23	19°19	20°31	21°26	3°36	13°16	5°44	6°52	20°18	21°16	F 21
S 22	10 43 26	12°38'55	21°19	20°12	18°29	7°10	19°30	20°38	21°28	3°39	13°17	5°41	6°49	20°25	21°21	S 22
S 23	10 47 22	13°38'50	3 ³⁶ 35	21°41	19°43	7°57	19°41	20°44	21°30	3°41	13°18	5°37	6°46	20°31	21°25	S 23
M24	10 51 19	14°38'44	16° 6	23°11	20°57	8°44	19°51	20°51	21°31	3°43	13°19	5°34	6°43	20°38	21°29	M24
T 25	10 55 15	15°38'35	28°52	24°42	22°11	9°31	20° 2	20°58	21°33	3°45	13°20	5°31	6°40	20°45	21°33	T 25
W26	10 59 12	16°38'25	11 ³⁶ 55	26°15	23°26	10°18	20°13	21° 5	21°35	3°48	13°22	5°28	6°37	20°52	21°37	W26
T 27	11 3 9	17°38'12	25°13	27°49	24°40	11° 6	20°23	21°12	21°37	3°50	13°23	5°27	6°33	20°58	21°41	T 27
F 28	11 7 5	18 ³⁶ 3757	8 ³⁶ Y46	29 ³⁶ 24	25 ³⁶ 54	11 ³⁶ 53	20 ³⁶ 34	21 ³⁶ 18	21 ³⁶ 39	3 ³⁶ 52	13 ³⁶ 24	5°D27	6 ³⁶ Y30	21 ³⁶ 5	21 ³⁶ 45	F 28

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	14s21	5n28	0n34	20s 4	1n 3	21s35	0n 2	15s41	1s 5	22s41	0s 4	16s28	1s 5	17n51	0s14	11s13	0s47	22s15	0n39	2n28	3n 9	27s47	9s14	5n58
S 2	14 2	11 42	1 45	20 6	0 51	21 25	0s 1	15 26	1 5	22 40	0 4	16 26	1 5	17 51	0 14	11 13	0 47	22 14	0 39	2 28	3 8	27 48	9 13	5 58
M 3	13 42	17 29	2 51	20 8	0 40	21 15	0 4	15 10	1 5	22 38	0 4	16 23	1 5	17 51	0 14	11 12	0 47	22 14	0 39	2 29	3 7	27 49	9 11	5 58
T 4	13 22	22 26	3 49	20 8	0 29	21 4	0 7	14 55	1 4	22 37	0 4	16 21	1 5	17 51	0 14	11 11	0 47	22 14	0 39	2 29	3 6	27 50	9 10	5 58
W 5	13 1	26 9	4 33	20 7	0 19	20 52	0 9	14 39	1 4	22 36	0 4	16 19	1 5	17 51	0 14	11 10	0 47	22 14	0 39	2 29	3 4	27 51	9 9	5 58
T 6	12 41	28 16	5 1	20 5	0 8	20 40	0 12	14 23	1 4	22 34	0 5	16 17	1 5	17 52	0 14	11 9	0 47	22 14	0 39	2 28	3 3	27 52	9 7	5 58
F 7	12 20	28 30	5 10	20 1	0s 2	20 27	0 15	14 7	1 4	22 33	0 5	16 15	1 5	17 52	0 14	11 8	0 47	22 14	0 39	2 26	3 2	27 53	9 6	5 58
S 8	11 59	26 46	4 59	19 57	0 11	20 14	0 18	13 51	1 4	22 31	0 5	16 13	1 6	17 52	0 14	11 8	0 47	22 14	0 38	2 24	3 1	27 53	9 5	5 58
S 9	11 38	23 16	4 30	19 51	0 21	20 0	0 20	13 35	1 4	22 30	0 5	16 10	1 6	17 53	0 14	11 7	0 47	22 14	0 38	2 22	2 59	27 54	9 3	5 58
M10	11 17	18 24	3 43	19 43	0 30	19 46	0 23	13 18	1 4	22 29	0 5	16 8	1 6	17 53	0 14	11 6	0 47	22 14	0 38	2 20	2 58	27 55	9 2	5 58
T 11	10 55	12 35	2 44	19 35	0 38	19 31	0 26	13 2	1 4	22 27	0 5	16 6	1 6	17 53	0 14	11 5	0 47	22 14	0 38	2 18	2 57	27 56	9 0	5 58
W12	10 34	6 17	1 36	19 25	0 47	19 15	0 28	12 45	1 4	22 26	0 5	16 4	1 6	17 53	0 14	11 4	0 47	22 14	0 38	2 17	2 55	27 57	8 59	5 58
T 13	10 12	0s 9	0 24	19 13	0 55	18 59	0 31	12 28	1 3	22 24	0 5	16 2	1 6	17 54	0 14	11 4	0 47	22 14	0 38	2 16	2 54	27 58	8 58	5 58
F 14	9 50	6 24	0s47	19 1	1 2	18 42	0 34	12 11	1 3	22 23	0 5	16 0	1 6	17 54	0 14	11 3	0 47	22 14	0 38	2 16	2 53	27 59	8 56	5 58
S 15	9 28	12 13	1 54	18 47	1 10	18 25	0 36	11 54	1 3	22 21	0 6	15 58	1 6	17 55	0 14	11 2	0 48	22 14	0 38	2 17	2 52	27 59	8 55	5 58
S 16	9 6	17 26	2 54	18 32	1 17	18 7	0 38	11 37	1 3	22 20	0 6	15 55	1 6	17 55	0 14	11 1	0 48	22 13	0 38	2 17	2 50	28 0	8 54	5 58
M17	8 43	21 50	3 45	18 15	1 23	17 48	0 41	11 20	1 3	22 19	0 6	15 53	1 6	17 55	0 14	11 0	0 48	22 13	0 38	2 18	2 49	28 1	8 52	5 58
T 18	8 21	25 16	4 26	17 57	1 29	17 30	0 43	11 2	1 3	22 17	0 6	15 51	1 6	17 56	0 14	10 59	0 48	22 13	0 38	2 18	2 48	28 2	8 51	5 58
W19	7 58	27 35	4 54	17 38	1 35	17 10	0 46	10 45	1 3	22 16	0 6	15 49	1 7	17 56	0 14	10 59	0 48	22 13	0 38	2 18	2 47	28 2	8 50	5 59
T 20	7 36	28 39	5 10	17 17	1 41	16 50	0 48	10 27	1 2	22 14	0 6	15 47	1 7	17 57	0 14	10 58	0 48	22 13	0 38	2 18	2 45	28 3	8 48	5 59
F 21	7 13	28 23	5 13	16 56	1 46	16 30	0 50	10 9	1 2	22 13	0 6	15 45	1 7	17 57	0 14	10 57	0 48	22 13	0 37	2 17	2 44	28 4	8 47	5 59
S 22	6 50	26 47	5 2	16 32	1 51	16 9	0 52	9 52	1 2	22 11	0 6	15 43	1 7	17 58	0 14	10 56	0 48	22 13	0 37	2 16	2 43	28 5	8 45	5 59
S 23	6 27	23 54	4 37	16 8	1 55	15 48	0 54	9 34	1 2	22 10	0 7	15 41	1 7	17 58	0 14	10 55	0 48	22 13	0 37	2 14	2 42	28 6	8 44	5 59
M24	6 4	19 51	3 59	15 42	1 59	15 26	0 56	9 16	1 2	22 8	0 7	15 38	1 7	17 59	0 14	10 55	0 48	22 13	0 37	2 13	2 40	28 6	8 43	5 59
T 25	5 41	14 50	3 8	15 15	2 2	15 4	0 58	8 58	1 1	22 7	0 7	15 36	1 7	17 59	0 13	10 54	0 48	22 13	0 37	2 12	2 39	28 7	8 41	5 59
W26	5 17	9 3	2 6	14 46	2 5	14 42	1 0	8 40	1 1	22 5	0 7	15 34	1 7	18 0	0 13	10 53	0 48	22 13	0 37	2 11	2 38	28 8	8 40	5 59
T 27	4 54	2 46	0 56	14 16	2 8	14 19	1 2	8 22	1 1	22 4	0 7	15 32	1 7	18 0	0 13	10 52	0 48	22 13	0 37	2 10	2 37	28 8	8 39	5 59
F 28	4s31	3n46	0n18	13s45	2s10	13s56	1s 4	8s 4	1s 1	22s 3	0s 7	15s30	1s 7	18n 1	0s13	10s51	0s48	22s13	0n37	2n10	2n35	28s 9	8s37	5n59

Julian Day Number = 2276999.5, Delta T = 242.43 sec

Ecliptic obliquity = 23°30'14", Nutation = - 0°00'01", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°04'19", Lahiri = 17°11'19" Julian Calendar 1 Feb. 1522 == Greg. Calendar 11 Feb. 1522

ASTRODIENST EPHEMERIS for the year 1522

geocentric

MARCH 1522 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	11 11 2	19°37'41	22°31	1°0	27°8	12°40	20°34	21°25	21°41	3°54	13°25	5°27	6°27	21°12	21°49	S 1
S 2	11 14 58	20°37'22	6°27	2°38	28°22	13°27	20°54	21°32	21°43	3°57	13°26	5°29	6°24	21°19	21°53	S 2
M 3	11 18 55	21°37'01	20°30	4°17	29°36	14°14	21°4	21°38	21°45	3°59	13°27	5°30	6°21	21°25	21°57	M 3
T 4	11 22 51	22°36'37	4°38	5°57	0°50	15°1	21°14	21°45	21°47	4°1	13°28	5°31	6°17	21°32	22°1	T 4
W 5	11 26 48	23°36'12	18°50	7°38	2°4	15°48	21°24	21°51	21°49	4°3	13°29	5°R31	6°14	21°39	22°4	W 5
T 6	11 30 44	24°35'44	3°2	9°21	3°18	16°35	21°34	21°58	21°52	4°5	13°30	5°31	6°11	21°45	22°8	T 6
F 7	11 34 41	25°35'14	17°13	11°5	4°32	17°22	21°43	22°4	21°54	4°7	13°31	5°30	6°8	21°52	22°12	F 7
S 8	11 38 38	26°34'41	1°20	12°50	5°46	18°8	21°53	22°11	21°56	4°10	13°31	5°30	6°5	21°59	22°16	S 8
S 9	11 42 34	27°34'06	15°21	14°36	7°0	18°55	22°2	22°17	21°58	4°12	13°32	5°29	6°2	22°6	22°20	S 9
M10	11 46 31	28°33'28	29°12	16°24	8°14	19°42	22°12	22°23	22°1	4°14	13°33	5°28	5°58	22°12	22°23	M10
T 11	11 50 27	29°32'49	12°50	18°13	9°28	20°29	22°21	22°30	22°3	4°16	13°34	5°27	5°55	22°19	22°27	T 11
W12	11 54 24	0°32'07	26°15	20°4	10°42	21°16	22°30	22°36	22°6	4°18	13°35	5°27	5°52	22°26	22°31	W12
T 13	11 58 20	1°31'23	9°24	21°56	11°57	22°2	22°39	22°42	22°8	4°20	13°35	5°D27	5°49	22°32	22°34	T 13
F 14	12 2 17	2°30'37	22°16	23°49	13°11	22°49	22°48	22°48	22°11	4°22	13°36	5°27	5°46	22°39	22°38	F 14
S 15	12 6 13	3°29'49	4°52	25°43	14°25	23°36	22°56	22°54	22°13	4°24	13°37	5°27	5°43	22°46	22°41	S 15
S 16	12 10 10	4°28'59	17°14	27°39	15°39	24°22	23°5	23°0	22°16	4°26	13°37	5°27	5°39	22°53	22°45	S 16
M17	12 14 7	5°28'07	29°23	29°36	16°53	25°9	23°13	23°6	22°18	4°28	13°38	5°R27	5°36	22°59	22°48	M17
T 18	12 18 3	6°27'14	11°22	1°35	18°7	25°56	23°22	23°12	22°21	4°30	13°39	5°27	5°33	23°6	22°52	T 18
W19	12 22 0	7°26'18	23°16	3°34	19°21	26°42	23°30	23°18	22°24	4°32	13°39	5°27	5°30	23°13	22°55	W19
T 20	12 25 56	8°25'21	5°3	5°35	20°35	27°29	23°38	23°24	22°26	4°34	13°40	5°D27	5°27	23°19	22°58	T 20
F 21	12 29 53	9°24'22	17°6	7°37	21°49	28°15	23°46	23°30	22°29	4°36	13°40	5°27	5°23	23°26	23°2	F 21
S 22	12 33 49	10°23'21	29°11	9°40	23°3	29°2	23°53	23°35	22°32	4°38	13°41	5°27	5°20	23°33	23°5	S 22
S 23	12 37 46	11°22'19	11°28	11°44	24°17	29°48	24°1	23°41	22°35	4°40	13°41	5°28	5°17	23°40	23°8	S 23
M24	12 41 42	12°21'15	24°1	13°49	25°31	0°34	24°8	23°47	22°38	4°42	13°41	5°28	5°14	23°46	23°11	M24
T 25	12 45 39	13°20'08	6°54	15°54	26°45	1°21	24°16	23°52	22°40	4°44	13°42	5°29	5°11	23°53	23°15	T 25
W26	12 49 36	14°19'00	20°8	18°0	27°59	2°7	24°23	23°58	22°43	4°46	13°42	5°30	5°8	24°0	23°18	W26
T 27	12 53 32	15°17'50	3°43	20°6	29°13	2°53	24°30	24°3	22°46	4°48	13°42	5°R30	5°4	24°7	23°21	T 27
F 28	12 57 29	16°16'38	17°39	22°12	0°27	3°39	24°37	24°8	22°49	4°49	13°43	5°30	5°1	24°13	23°24	F 28
S 29	13 1 25	17°15'24	1°51	24°17	1°40	4°26	24°43	24°14	22°52	4°51	13°43	5°29	4°58	24°20	23°27	S 29
S 30	13 5 22	18°14'08	16°15	26°22	2°54	5°12	24°50	24°19	22°55	4°53	13°43	5°28	4°55	24°27	23°30	S 30
M31	13 9 18	19°12'50	0°46	28°27	4°8	5°58	24°56	24°24	22°58	4°55	13°43	5°26	4°52	24°33	23°33	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	4s 7	10n13	1n33	13s12	2s12	13s32	1s 6	7s45	1s 0	22s 1	0s 7	15s28	1s 8	18n 1	0s13	10s51
S 2	3 44	16 16	2 43	12 39	2 14	13 8	1 8	7 27	1 0	22 0	0 7	15 26	1 8	18 2	0 13	10 50
M 3	3 20	21 31	3 44	12 3	2 15	12 43	1 9	7 9	1 0	21 58	0 7	15 24	1 8	18 2	0 13	10 49
T 4	2 56	25 34	4 32	11 27	2 15	12 19	1 11	6 50	1 0	21 57	0 7	15 22	1 8	18 3	0 13	10 48
W 5	2 33	28 4	5 3	10 49	2 15	11 54	1 12	6 32	0 59	21 55	0 8	15 20	1 8	18 3	0 13	10 47
T 6	2 9	28 44	5 16	10 10	2 15	11 28	1 14	6 13	0 59	21 54	0 8	15 18	1 8	18 4	0 13	10 47
F 7	1 45	27 31	5 10	9 30	2 14	11 2	1 15	5 54	0 59	21 53	0 8	15 16	1 8	18 5	0 13	10 46
S 8	1 22	24 32	4 45	8 48	2 13	10 36	1 17	5 36	0 58	21 51	0 8	15 14	1 8	18 5	0 13	10 45
S 9	0 58	20 9	4 3	8 5	2 11	10 10	1 18	5 17	0 58	21 50	0 8	15 12	1 9	18 6	0 13	10 44
M10	0 35	14 43	3 8	7 21	2 9	9 44	1 19	4 58	0 58	21 49	0 8	15 10	1 9	18 6	0 13	10 44
T 11	0 11	8 38	2 2	6 36	2 6	9 17	1 20	4 40	0 58	21 47	0 9	15 8	1 9	18 7	0 13	10 43
W12	0n13	2 16	0 51	5 49	2 3	8 50	1 21	4 21	0 57	21 46	0 9	15 6	1 9	18 8	0 13	10 42
T 13	0 36	4s 4	0s22	5 2	1 59	8 22	1 23	4 2	0 57	21 44	0 9	15 4	1 9	18 8	0 13	10 41
F 14	1 0	10 7	1 32	4 13	1 54	7 55	1 23	3 43	0 57	21 43	0 9	15 3	1 9	18 9	0 13	10 41
S 15	1 24	15 38	2 36	3 23	1 50	7 27	1 24	3 25	0 56	21 42	0 9	15 1	1 9	18 10	0 13	10 40
S 16	1 47	20 24	3 31	2 32	1 44	6 59	1 25	3 6	0 56	21 41	0 9	14 59	1 9	18 10	0 13	10 39
M17	2 11	24 14	4 16	1 40	1 38	6 31	1 26	2 47	0 56	21 39	0 9	14 57	1 10	18 11	0 13	10 38
T 18	2 34	26 59	4 49	0 47	1 32	6 3	1 27	2 28	0 55	21 38	0 9	14 55	1 10	18 12	0 13	10 38
W19	2 58	28 29	5 10	0n 7	1 25	5 34	1 27	2 9	0 55	21 37	0 10	14 53	1 10	18 12	0 13	10 37
T 20	3 21	28 41	5 17	1 2	1 18	5 5	1 28	1 50	0 54	21 35	0 10	14 51	1 10	18 13	0 13	10 36
F 21	3 44	27 32	5 10	1 58	1 10	4 37	1 28	1 31	0 54	21 34	0 10	14 50	1 10	18 14	0 13	10 36
S 22	4 7	25 6	4 50	2 54	1 1	4 8	1 29	1 13	0 54	21 33	0 10	14 48	1 10	18 15	0 13	10 35
S 23	4 31	21 30	4 17	3 51	0 52	3 39	1 29	0 54	0 53	21 32	0 10	14 46	1 10	18 15	0 13	10 34
M24	4 54	16 51	3 30	4 48	0 43	3 9	1 30	0 55	0 53	21 31	0 10	14 44	1 11	18 16	0 13	10 34
T 25	5 17	11 21	2 32	5 46	0 33	2 40	1 30	0 16	0 53	21 30	0 10	14 43	1 11	18 17	0 13	10 33
W26	5 40	5 12	1 24	6 43	0 23	2 11	1 30	0n 3	0 52	21 28	0 11	14 41	1 11	18 18	0 13	10 32
T 27	6 2	1n20	0 10	7 41	0 13	1 41	1 30	0 22	0 52	21 27	0 11	14 39	1 11	18 18	0 13	10 32
F 28	6 25	7 58	1n 7	8 38	0 2	1 12	1 30	0 40	0 51	21 26	0 11	14 38	1 11	18 19	0 13	10 31
S 29	6 48	14 21	2 21	9 35	0n 9	0 42	1 30	0 59	0 51	21 25	0 11	14 36	1 11	18 20	0 13	10 30
S 30	7 10	20 2	3 27	10 31	0 20	0 13	1 30	1 18	0 50	21 24	0 11	14 35	1 12	18 21	0 13	10 30
M31	7n33	24n36	4n20	11n26	0n31	0n17	1s30	1n37	0s50	21s23	0s11	14s33	1s12	18n21	0s13	10s29

Julian Day Number = 2277027.5, Delta T = 242.26 sec

Ecliptic obliquity = 23°30'15, Nutation = - 0°00'01, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°04'23, Lahiri = 17°11'23 Julian Calendar 1 March 1522 == Greg. Calendar 11 March 1522

ASTRODIENST EPHEMERIS for the year 1522
geocentric

APRIL 1522 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	13 13 15	20°11'30	15°11'17	08°29	5°22	6°44	25°3	24°29	23°8	1°57	13°43	5°R24	4°48	24°40	23°35	T 1
W 2	13 17 11	21°10'07	29°44	2°31	6°36	7°30	25°9	24°34	23°4	4°58	13°44	5°Y23	4°45	24°47	23°38	W 2
T 3	13 21 8	22°8'43	14°58	4°30	7°50	8°16	25°15	24°39	23°7	5°0	13°44	5°22	4°42	24°54	23°41	T 3
F 4	13 25 5	23°7'16	28°9	6°27	9°4	9°2	25°21	24°44	23°11	5°2	13°44	5°D22	4°39	25°0	23°44	F 4
S 5	13 29 1	24°5'46	12°3	8°21	10°18	9°48	25°26	24°49	23°14	5°3	13°44	5°23	4°36	25°7	23°46	S 5
S 6	13 32 58	25°4'15	25°43	10°13	11°32	10°33	25°32	24°54	23°17	5°5	13°R44	5°24	4°33	25°14	23°49	S 6
M 7	13 36 54	26°2'41	9°10	12°2	12°46	11°19	25°37	24°58	23°20	5°7	13°44	5°25	4°29	25°20	23°51	M 7
T 8	13 40 51	27°1'05	22°23	13°47	14°0	12°5	25°42	25°3	23°23	5°8	13°44	5°26	4°26	25°27	23°54	T 8
W 9	13 44 47	27°59'27	5°23	15°28	15°13	12°51	25°47	25°7	23°27	5°10	13°44	5°R27	4°23	25°34	23°56	W 9
T 10	13 48 44	28°57'47	18°10	17°6	16°27	13°36	25°52	25°12	23°30	5°11	13°44	5°26	4°20	25°41	23°59	T 10
F 11	13 52 40	29°56'05	0°46	18°40	17°41	14°22	25°57	25°16	23°33	5°13	13°43	5°24	4°17	25°47	24°1	F 11
S 12	13 56 37	08°54'22	13°10	20°10	18°55	15°7	26°1	25°21	23°36	5°14	13°43	5°21	4°14	25°54	24°3	S 12
S 13	14 0 33	1°52'37	25°23	21°35	20°9	15°53	26°5	25°25	23°40	5°16	13°43	5°17	4°10	26°1	24°6	S 13
M14	14 4 30	2°50'50	7°28	22°56	21°23	16°38	26°10	25°29	23°43	5°17	13°43	5°13	4°7	26°7	24°8	M14
T 15	14 8 27	3°49'01	19°26	24°13	22°36	17°24	26°13	25°33	23°46	5°19	13°43	5°8	4°4	26°14	24°10	T 15
W16	14 12 23	4°47'11	1°20	25°26	23°50	18°9	26°17	25°37	23°50	5°20	13°42	5°4	4°1	26°21	24°12	W16
T 17	14 16 20	5°45'19	13°12	26°33	25°4	18°55	26°21	25°41	23°53	5°21	13°42	5°0	3°58	26°28	24°14	T 17
F 18	14 20 16	6°43'26	25°8	27°37	26°18	19°40	26°24	25°45	23°56	5°23	13°42	4°58	3°54	26°34	24°16	F 18
S 19	14 24 13	7°41'32	7°11	28°35	27°32	20°25	26°28	25°49	24°0	5°24	13°41	4°D58	3°51	26°41	24°18	S 19
S 20	14 28 9	8°39'36	19°26	29°29	28°45	21°10	26°31	25°52	24°3	5°25	13°41	4°58	3°48	26°48	24°20	S 20
M21	14 32 6	9°37'38	1°57	0°18	29°59	21°55	26°34	25°56	24°7	5°26	13°40	4°59	3°45	26°55	24°21	M21
T 22	14 36 2	10°35'39	14°49	1°2	1°13	22°40	26°36	25°59	24°10	5°28	13°40	5°1	3°42	27°1	24°23	T 22
W23	14 39 59	11°33'39	28°6	1°41	2°27	23°25	26°39	26°3	24°13	5°29	13°40	5°R 2	3°39	27°8	24°25	W23
T 24	14 43 56	12°31'37	11°49	2°15	3°41	24°10	26°41	26°6	24°17	5°30	13°39	5°2	3°35	27°15	24°26	T 24
F 25	14 47 52	13°29'34	25°57	2°43	4°54	24°55	26°43	26°9	24°20	5°31	13°39	5°0	3°32	27°21	24°28	F 25
S 26	14 51 49	14°27'30	10°28	3°7	6°8	25°40	26°45	26°13	24°24	5°32	13°38	4°57	3°29	27°28	24°30	S 26
S 27	14 55 45	15°25'24	25°16	3°26	7°22	26°25	26°47	26°16	24°27	5°33	13°37	4°52	3°26	27°35	24°31	S 27
M28	14 59 42	16°23'16	10°13	3°40	8°36	27°10	26°49	26°19	24°31	5°34	13°37	4°46	3°23	27°42	24°32	M28
T 29	15 3 38	17°21'07	25°10	3°49	9°49	27°55	26°50	26°22	24°34	5°35	13°36	4°40	3°20	27°48	24°34	T 29
W30	15 7 35	18°18'56	9°58	3°R53	11°8	28°39	26°51	26°24	24°38	5°36	13°35	4°Y34	3°Y16	27°55	24°35	W30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	7n55	27n36	4n56	12n20	0n42	0n46	1s29	1n55	0s50	21s22	0s12	14s31	1s12	18n22	0s13	10s28	0s48	22s13	0n34	2n 9	1n55	28s27	7s56	6n 6	
W 2	8 17	28 44	5 14	13 12	0 53	1 16	1 29	2 14	0 49	21 21	0 12	14 30	1 12	18 23	0 13	10 28	0 48	22 13	0 34	2 9	1 54	28 28	7 55	6 6	
T 3	8 39	27 56	5 12	14 3	1 4	1 45	1 29	2 32	0 49	21 20	0 12	14 28	1 12	18 24	0 13	10 27	0 48	22 14	0 34	2 8	1 52	28 28	7 54	6 6	
F 4	9 1	25 20	4 51	14 53	1 14	2 15	1 28	2 51	0 48	21 19	0 12	14 27	1 12	18 25	0 13	10 27	0 48	22 14	0 34	2 8	1 51	28 29	7 52	6 7	
S 5	9 22	21 16	4 13	15 40	1 25	2 44	1 28	3 9	0 48	21 18	0 12	14 25	1 13	18 25	0 13	10 26	0 49	22 14	0 34	2 8	1 50	28 29	7 51	6 7	
S 6	9 44	16 8	3 22	16 25	1 35	3 14	1 27	3 28	0 47	21 18	0 12	14 24	1 13	18 26	0 13	10 26	0 49	22 14	0 34	2 9	1 49	28 30	7 50	6 7	
M 7	10 5	10 19	2 20	17 8	1 44	3 43	1 27	3 46	0 47	21 17	0 12	14 23	1 13	18 27	0 13	10 25	0 49	22 14	0 34	2 10	1 47	28 30	7 49	6 8	
T 8	10 26	4 7	1 11	17 49	1 53	4 13	1 26	4 5	0 46	21 16	0 13	14 21	1 13	18 28	0 13	10 24	0 49	22 14	0 34	2 10	1 46	28 30	7 48	6 8	
W 9	10 47	2s 8	0 0	18 27	2 1	4 42	1 25	4 23	0 46	21 15	0 13	14 20	1 13	18 29	0 13	10 24	0 49	22 14	0 34	2 10	1 45	28 31	7 47	6 8	
T 10	11 8	8 13	1s 9	19 2	2 9	5 11	1 25	4 41	0 45	21 14	0 13	14 18	1 13	18 29	0 13	10 23	0 49	22 14	0 34	2 10	1 44	28 31	7 46	6 8	
F 11	11 29	13 52	2 15	19 36	2 16	5 40	1 24	4 59	0 45	21 14	0 13	14 17	1 14	18 30	0 13	10 23	0 49	22 14	0 34	2 9	1 42	28 31	7 45	6 9	
S 12	11 49	18 53	3 12	20 6	2 22	6 9	1 23	5 17	0 45	21 13	0 13	14 16	1 14	18 31	0 13	10 22	0 49	22 14	0 34	2 8	1 41	28 32	7 44	6 9	
S 13	12 9	23 3	4 0	20 34	2 27	6 38	1 22	5 35	0 44	21 12	0 13	14 15	1 14	18 32	0 13	10 22	0 49	22 14	0 34	2 6	1 40	28 32	7 43	6 9	
M14	12 30	26 10	4 37	21 0	2 31	7 7	1 21	5 53	0 44	21 12	0 14	14 13	1 14	18 33	0 13	10 21	0 49	22 14	0 33	2 5	1 39	28 32	7 42	6 10	
T 15	12 49	28 5	5 1	21 23	2 35	7 35	1 20	6 11	0 43	21 11	0 14	14 12	1 14	18 34	0 13	10 21	0 49	22 15	0 33	2 3	1 37	28 33	7 41	6 10	
W16	13 9	28 41	5 12	21 43	2 38	8 4	1 18	6 29	0 43	21 11	0 14	14 11	1 14	18 35	0 13	10 20	0 49	22 15	0 33	2 1	1 36	28 33	7 40	6 10	
T 17	13 29	27 58	5 9	22 1	2 39	8 32	1 17	6 47	0 42	21 10	0 14	14 10	1 15	18 35	0 13	10 20	0 49	22 15	0 33	2 0	1 35	28 33	7 39	6 11	
F 18	13 48	25 58	4 53	22 17	2 40	9 0	1 16	7 4	0 41	21 10	0 14	14 9	1 15	18 36	0 13	10 19	0 49	22 15	0 33	1 59	1 33	28 34	7 38	6 11	
S 19	14 7	22 47	4 24	22 30	2 40	9 28	1 15	7 22	0 41	21 9	0 14	14 8	1 15	18 37	0 13	10 19	0 49	22 15	0 33	1 59	1 32	28 34	7 37	6 11	
S 20	14 26	18 34	3 43	22 40	2 38	9 55	1 13	7 39	0 40	21 9	0 15	14 6	1 15	18 38	0 13	10 19	0 49	22 15	0 33	1 59	1 31	28 34	7 36	6 12	
M21	14 44	13 28	2 50	22 49	2 36	10 23	1 12	7 57	0 40	21 8	0 15	14 5	1 15	18 39	0 13	10 18	0 49	22 15	0 33	1 59	1 30	28 35	7 35	6 12	
T 22	15 2	7 39	1 48	22 55	2 33	10 50	1 10	8 14	0 39	21 8	0 15	14 4	1 16	18 40	0 13	10 18	0 49	22 15	0 33	2 0	1 28	28 35	7 34	6 12	
W23	15 21	1 20	0 38	22 58	2 28	11 17	1 9	8 31	0 39	21 8	0 15	14 3	1 16	18 40	0 13	10 17	0 49	22 16	0 33	2 0	1 27	28 35	7 33	6 13	
T 24	15 38	5n15	0n37	23 0	2 23	11 43	1 7	8 48	0 38	21 7	0 15	14 2	1 16	18 41	0 13	10 17	0 49	22 16	0 33	2 0	1 26	28 35	7 33	6 13	
F 25	15 56	11 47	1 51	22 59	2 16	12 10	1 6	9 5	0 38	21 7	0 15	14 1	1 16	18 42	0 13	10 17	0 49	22 16	0 33	2 0	1 25	28 36	7 32	6 13	
S 26	16 13	17 51	3 0	22 56	2 8	12 36	1 4	9 22	0 37	21 7	0 16	14 1	1 16	18 43	0 13	10 16	0 49	22 16	0 32	1 58	1 23	28 36	7 31	6 14	
S 27	16 30	22 59	3 58	22 51	1 59	13 2	1 2	9 39	0 37	21 7	0 16	14 0	1 16	18 44	0 13	10 16	0 49	22 16	0 32	1 56	1 22	28 36	7 30	6 14	
M28	16 47	26 40	4 41	22 44	1 50	13 27	1 1	9 56	0 36	21 7	0 16	13 59	1 17	18 45	0 13	10 15	0 49	22 16	0 32	1 54	1 21	28 36	7 29	6 14	
T 29	17 3	28 29	5 4	22 35	1 39	13 52	0 59	10 12	0 36	21 7	0 16	13 58	1 17	18 46	0 13	10 15	0 49	22 16	0 32	1 51	1 20	28 36	7 29	6 15	
W30	17n20	28n14	5n 7	22n24	1n27	14n17	0s57	10n29	0s35	21s 7	0s16	13s57	1s17	18n46	0s13	10s15	0s49	22s17	0n32	1n49	1n18	28s37	7s28	6n15	

ASTRODIENST EPHEMERIS for the year 1522
geocentric

MAY 1522 JC

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	15 11 31	19°8'16"44	24°31'	3°R52	12°8'17	29°24'	26°35'2	26°27	24°41	5°37	13°R35	4°R30	3°13	28°2	24°36	T 1
F 2	15 15 28	20°14'30	8°45	3°II46	13°31	0°8'8	26°53	26°30	24°45	5°38	13°34	4°Y28	3°10	28°9	24°37	F 2
S 3	15 19 25	21°12'14	22°37	3°36	14°44	0°53	26°54	26°32	24°48	5°39	13°33	4°D27	3°7	28°15	24°38	S 3
S 4	15 23 21	22°9'56	6°9	3°22	15°58	1°37	26°54	26°35	24°52	5°40	13°33	4°28	3°4	28°22	24°39	S 4
M 5	15 27 18	23°7'37	19°21	3°3	17°12	2°22	26°55	26°37	24°55	5°41	13°32	4°29	3°0	28°29	24°40	M 5
T 6	15 31 14	24°5'16	2°16	2°41	18°26	3°6	26°R55	26°39	24°59	5°41	13°31	4°R30	2°57	28°35	24°41	T 6
W 7	15 35 11	25°2'53	14°57	2°16	19°39	3°50	26°54	26°42	25°2	5°42	13°30	4°29	2°54	28°42	24°42	W 7
T 8	15 39 7	26°0'30	27°27	1°48	20°53	4°35	26°54	26°44	25°6	5°43	13°29	4°27	2°51	28°49	24°43	T 8
F 9	15 43 4	26°58'04	9°46	1°17	22°7	5°19	26°54	26°46	25°9	5°44	13°28	4°22	2°48	28°56	24°44	F 9
S 10	15 47 0	27°55'38	21°57	0°45	23°20	6°3	26°53	26°48	25°13	5°44	13°27	4°15	2°45	29°2	24°44	S 10
S 11	15 50 57	28°53'10	4°2	0°12	24°34	6°47	26°52	26°49	25°16	5°45	13°27	4°6	2°41	29°9	24°45	S 11
M12	15 54 54	29°50'41	16°1	29°38	25°48	7°31	26°51	26°51	25°20	5°46	13°26	3°56	2°38	29°16	24°45	M12
T 13	15 58 50	0°II48'12	27°55	29°4	27°2	8°15	26°50	26°53	25°23	5°46	13°25	3°45	2°35	29°22	24°46	T 13
W14	16 2 47	1°45'41	9°38	28°31	28°15	8°59	26°48	26°54	25°27	5°47	13°24	3°35	2°32	29°29	24°46	W14
T 15	16 6 43	2°43'09	21°40	27°59	29°29	9°43	26°47	26°56	25°30	5°47	13°23	3°27	2°29	29°36	24°47	T 15
F 16	16 10 40	3°40'37	3°35	27°29	0°II43	10°27	26°45	26°57	25°34	5°48	13°22	3°20	2°26	29°43	24°47	F 16
S 17	16 14 36	4°38'03	15°37	27°0	1°56	11°10	26°43	26°58	25°37	5°48	13°21	3°16	2°22	29°49	24°47	S 17
S 18	16 18 33	5°35'29	27°50	26°35	3°10	11°54	26°41	26°59	25°41	5°49	13°19	3°14	2°19	29°56	24°47	S 18
M19	16 22 30	6°32'54	10°18	26°12	4°24	12°38	26°38	27°0	25°44	5°49	13°18	3°D14	2°16	0°3	24°47	M19
T 20	16 26 26	7°30'18	23°6	25°53	5°37	13°21	26°36	27°1	25°48	5°49	13°17	3°14	2°13	0°10	24°R47	T 20
W21	16 30 23	8°27'42	6°Y19	25°38	6°51	14°5	26°33	27°2	25°51	5°50	13°16	3°R15	2°10	0°16	24°47	W21
T 22	16 34 19	9°25'05	20°0	25°26	8°5	14°48	26°30	27°3	25°55	5°50	13°15	3°13	2°6	0°23	24°47	T 22
F 23	16 38 16	10°22'28	4°8	25°19	9°18	15°32	26°27	27°4	25°58	5°50	13°14	3°10	2°3	0°30	24°47	F 23
S 24	16 42 12	11°19'50	18°46	25°D16	10°32	16°15	26°24	27°4	26°1	5°50	13°13	3°5	2°0	0°36	24°47	S 24
S 25	16 46 9	12°17'12	3°II44	25°18	11°46	16°58	26°20	27°5	26°5	5°50	13°11	2°57	1°57	0°43	24°47	S 25
M26	16 50 5	13°14'32	18°57	25°24	13°0	17°42	26°17	27°5	26°8	5°51	13°10	2°47	1°54	0°50	24°46	M26
T 27	16 54 2	14°11'53	4°12	25°34	14°13	18°25	26°13	27°5	26°12	5°51	13°9	2°37	1°51	0°57	24°46	T 27
W28	16 57 59	15°9'12	19°19	25°49	15°27	19°8	26°9	27°5	26°15	5°51	13°8	2°28	1°47	1°3	24°45	W28
T 29	17 1 55	16°6'30	4°8	26°9	16°41	19°51	26°5	27°R5	26°18	5°51	13°7	2°20	1°44	1°10	24°45	T 29
F 30	17 5 52	17°3'48	18°34	26°33	17°54	20°34	26°1	27°5	26°22	5°R51	13°5	2°15	1°41	1°17	24°44	F 30
S 31	17 9 48	18°II1'04	2°34	27°2	19°II8	21°8'17	25°56	27°5	26°25	5°51	13°4	2°Y13	1°Y38	1°324	24°44	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	decl	lat
T 1	17n36	26n 2	4n50	22n11	1n14	14n41	0s55	10n45	0s34	21s 7	0s16	13s57	1s17	18n47	0s13	10s14	0s49	22s17	0n32	1n48	1n17	28s37	7s27	6n15		
F 2	17 51	22 13	4 15	21 56	1 0	15 6	0 53	11 1	0 34	21 7	0 17	13 56	1 17	18 48	0 13	10 14	0 49	22 17	0 32	1 47	1 16	28 37	7 26	6 16		
S 3	18 7	17 15	3 26	21 40	0 45	15 29	0 51	11 18	0 33	21 7	0 17	13 55	1 18	18 49	0 13	10 14	0 49	22 17	0 32	1 46	1 14	28 37	7 26	6 16		
S 4	18 22	11 33	2 27	21 22	0 30	15 53	0 49	11 34	0 33	21 7	0 17	13 54	1 18	18 50	0 13	10 14	0 50	22 17	0 32	1 47	1 13	28 37	7 25	6 16		
M 5	18 36	5 28	1 21	21 3	0 14	16 16	0 47	11 49	0 32	21 7	0 17	13 54	1 18	18 51	0 13	10 13	0 50	22 17	0 32	1 47	1 12	28 37	7 24	6 17		
T 6	18 51	0s43	0 12	20 42	0s 3	16 38	0 45	12 5	0 31	21 7	0 17	13 53	1 18	18 52	0 12	10 13	0 50	22 17	0 32	1 48	1 11	28 38	7 24	6 17		
W 7	19 5	6 46	0s56	20 20	0 20	17 0	0 43	12 21	0 31	21 7	0 18	13 53	1 18	18 52	0 13	10 13	0 50	22 18	0 32	1 47	1 9	28 38	7 23	6 17		
T 8	19 19	12 27	2 0	19 58	0 38	17 22	0 41	12 36	0 30	21 7	0 18	13 52	1 19	18 53	0 12	10 13	0 50	22 18	0 31	1 46	1 8	28 38	7 23	6 18		
F 9	19 32	17 35	2 58	19 34	0 55	17 43	0 39	12 52	0 30	21 8	0 18	13 52	1 19	18 54	0 12	10 12	0 50	22 18	0 31	1 44	1 7	28 38	7 22	6 18		
S 10	19 45	21 56	3 46	19 11	1 13	18 4	0 37	13 7	0 29	21 8	0 18	13 51	1 19	18 55	0 12	10 12	0 50	22 18	0 31	1 42	1 6	28 38	7 21	6 19		
S 11	19 58	25 20	4 24	18 47	1 30	18 24	0 34	13 22	0 28	21 8	0 18	13 51	1 19	18 56	0 12	10 12	0 50	22 18	0 31	1 38	1 4	28 38	7 21	6 19		
M12	20 10	27 34	4 50	18 23	1 47	18 44	0 32	13 37	0 28	21 9	0 18	13 50	1 19	18 57	0 12	10 12	0 50	22 19	0 31	1 34	1 3	28 38	7 20	6 19		
T 13	20 22	28 32	5 3	18 0	2 3	19 4	0 30	13 52	0 27	21 9	0 19	13 50	1 20	18 58	0 12	10 12	0 50	22 19	0 31	1 30	1 2	28 38	7 20	6 20		
W14	20 34	28 10	5 2	17 37	2 19	19 22	0 28	14 7	0 27	21 10	0 19	13 50	1 20	18 58	0 12	10 11	0 50	22 19	0 31	1 26	1 1	28 38	7 19	6 20		
T 15	20 46	26 31	4 49	17 16	2 34	19 41	0 25	14 21	0 26	21 10	0 19	13 49	1 20	18 59	0 12	10 11	0 50	22 19	0 31	1 22	0 59	28 39	7 19	6 20		
F 16	20 57	23 40	4 23	16 55	2 48	19 59	0 23	14 35	0 25	21 11	0 19	13 49	1 20	19 0	0 12	10 11	0 50	22 19	0 31	1 20	0 58	28 39	7 19	6 21		
S 17	21 7	19 47	3 45	16 36	3 1	20 16	0 21	14 50	0 25	21 11	0 19	13 49	1 21	19 1	0 12	10 11	0 50	22 19	0 31	1 18	0 57	28 39	7 18	6 21		
S 18	21 18	15 1	2 57	16 19	3 13	20 33	0 19	15 4	0 24	21 12	0 20	13 49	1 21	19 2	0 12	10 11	0 50	22 20	0 31	1 17	0 55	28 39	7 18	6 21		
M19	21 28	9 34	1 59	16 3	3 24	20 49	0 16	15 18	0 24	21 12	0 20	13 49	1 21	19 3	0 12	10 11	0 50	22 20	0 31	1 17	0 54	28 39	7 17	6 22		
T 20	21 37	3 34	0 54	15 49	3 34	21 4	0 14	15 32	0 23	21 13	0 20	13 48	1 21	19 3	0 12	10 11	0 50	22 20	0 30	1 17	0 53	28 39	7 17	6 22		
W21	21 47	2n46	0n16	15 37	3 42	21 19	0 11	15 45	0 22	21 14	0 20	13 48	1 21	19 4	0 12	10 11	0 50	22 20	0 30	1 18	0 52	28 39	7 17	6 22		
T 22	21 55	9 12	1 28	15 28	3 49	21 34	0 9	15 59	0 22	21 15	0 20	13 48	1 22	19 5	0 12	10 10	0 50	22 20	0 30	1 17	0 50	28 39	7 16	6 23		
F 23	22 4	15 23	2 36	15 20	3 55	21 48	0 7	16 12	0 21	21 15	0 21	13 48	1 22	19 6	0 12	10 10	0 50	22 21	0 30	1 16	0 49	28 39	7 16	6 23		
S 24	22 12	20 55	3 37	15 15	4 0	22 1	0 4	16 25	0 20	21 16	0 21	13 48	1 22	19 7	0 12	10 10	0 50	22 21	0 30	1 14	0 48	28 39	7 16	6 24		
S 25	22 20	25 16	4 24	15 12	4 3	22 14	0 2	16 38	0 20	21 17	0 21	13 48	1 22	19 8	0 12	10 10	0 50	22 21	0 30	1 10	0 47	28 39	7 16	6 24		
M26	22 27	27 55	4 53	15 11	4 6	22 25	0n 0	16 51	0 19	21 18	0 21	13 48	1 22	19 8	0 12	10 10	0 50	22 21	0 30	1 7	0 45	28 39	7 15	6 24		
T 27	22 34	28 28	5 2	15 13	4 7	22 37	0 3	17 4	0 18	21 19	0 21	13 48	1 23	19 9	0 12	10 10	0 50	22 21	0 30	1 3	0 44	28 39	7 15	6 25		
W28	22 40	26 52	4 49	15 16	4 7	22 48	0 5	17 16	0 18	21 20	0 21	13 49	1 23	19 10	0 12	10 10	0 50	22 22	0 30	0 59	0 43	28 39	7 15	6 25		
T 29	22 47	23 26	4 17	15 22	4 6	22 58	0 8	17 28	0 17	21 21	0 22	13 49	1 23	19 11	0 12	10 10	0 50	22 22	0 30	0 56	0 42	28 39	7 15	6 25		
F 30	22 52	18 37	3 29	15 29	4 4	23 7	0 10	17 41	0 16	21 22	0 22	13 49	1 23	19 12	0 12	10 10	0 50	22 22	0 30	0 54	0 40	28 39	7 15	6 26		
S 31	22n58	12n55	2n30	15n39	4s 1	23n16	0n12	17n53	0s16	21s23	0s22	13s49	1s23	19n12	0s12	10s10	0s51	22s22	0n29	0n53	0n39	28s38	7s15	6n26		

ASTRODIENST EPHEMERIS for the year 1522

geocentric

JUNE 1522 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	17 13 45	18°58'20	16°6	27°35	20°22	22°8	25°R52	27°R 5	26°828	5°R51	13°R 3	2°D12	1°Y35	1°30	24°R43	S 1
M 2	17 17 41	19°55'35	29°15	28°12	21°36	22°43	25°347	27°5	26°32	5°51	13°1	2°R12	1°32	1°37	24°42	M 2
T 3	17 21 38	20°52'49	12°2	28°53	22°49	23°25	25°42	27° 4	26°35	5°51	13° 0	2°Y12	1°28	1°44	24°41	T 3
W 4	17 25 34	21°50'02	24°33	29°39	24° 3	24° 8	25°37	27° 4	26°38	5°51	12°59	2°10	1°25	1°50	24°41	W 4
T 5	17 29 31	22°47'15	6°51	0°29	25°17	24°51	25°32	27° 3	26°41	5°50	12°57	2° 6	1°22	1°57	24°40	T 5
F 6	17 33 28	23°44'27	18°59	1°23	26°30	25°33	25°26	27° 2	26°45	5°50	12°56	1°59	1°19	2° 4	24°39	F 6
S 7	17 37 24	24°41'38	1°1	2°21	27°44	26°16	25°21	27° 1	26°48	5°50	12°55	1°50	1°16	2°11	24°38	S 7
S 8	17 41 21	25°38'50	12°58	3°22	28°58	26°58	25°15	27° 0	26°51	5°50	12°53	1°38	1°12	2°17	24°36	S 8
M 9	17 45 17	26°36'01	24°52	4°28	0°11	27°41	25° 9	26°59	26°54	5°49	12°52	1°25	1° 9	2°24	24°35	M 9
T 10	17 49 14	27°33'11	6°45	5°37	1°25	28°23	25° 3	26°58	26°57	5°49	12°50	1°11	1° 6	2°31	24°34	T 10
W11	17 53 10	28°30'21	18°38	6°50	2°39	29° 5	24°57	26°57	27° 0	5°49	12°49	0°58	1° 3	2°38	24°33	W11
T 12	17 57 7	29°27'32	0°32	8° 7	3°53	29°48	24°51	26°56	27° 4	5°48	12°48	0°46	1° 0	2°44	24°31	T 12
F 13	18 1 3	0°24'42	12°30	9°28	5° 6	0°130	24°45	26°54	27° 7	5°48	12°46	0°37	0°57	2°51	24°30	F 13
S 14	18 5 0	1°21'52	24°35	10°52	6°20	1°12	24°38	26°53	27°10	5°47	12°45	0°31	0°53	2°58	24°29	S 14
S 15	18 8 57	2°19'02	6°49	12°20	7°34	1°54	24°32	26°51	27°13	5°47	12°43	0°28	0°50	3° 4	24°27	S 15
M16	18 12 53	3°16'13	19°17	13°51	8°48	2°36	24°25	26°50	27°16	5°46	12°42	0°26	0°47	3°11	24°26	M16
T 17	18 16 50	4°13'23	2°Y 3	15°26	10° 1	3°18	24°18	26°48	27°19	5°46	12°40	0°26	0°44	3°18	24°24	T 17
W18	18 20 46	5°10'34	15°11	17° 4	11°15	4° 0	24°12	26°46	27°22	5°45	12°39	0°26	0°41	3°25	24°22	W18
T 19	18 24 43	6° 7'45	28°45	18°45	12°29	4°42	24° 5	26°44	27°25	5°45	12°38	0°25	0°38	3°31	24°21	T 19
F 20	18 28 39	7° 4'57	12°48	20°30	13°43	5°23	23°58	26°42	27°27	5°44	12°36	0°21	0°34	3°38	24°19	F 20
S 21	18 32 36	8° 2'08	27°18	22°18	14°56	6° 5	23°50	26°40	27°30	5°43	12°35	0°15	0°31	3°45	24°17	S 21
S 22	18 36 32	8°59'21	12°12	24° 9	16°10	6°47	23°43	26°38	27°33	5°43	12°33	0° 7	0°28	3°51	24°15	S 22
M23	18 40 29	9°56'34	27°24	26° 3	17°24	7°28	23°36	26°35	27°36	5°42	12°32	29°57	0°25	3°58	24°13	M23
T 24	18 44 26	10°53'47	12°43	27°59	18°38	8°10	23°29	26°33	27°39	5°41	12°30	29°47	0°22	4° 5	24°11	T 24
W25	18 48 22	11°51'00	27°57	29°58	19°51	8°51	23°21	26°31	27°42	5°40	12°29	29°37	0°18	4°12	24° 9	W25
T 26	18 52 19	12°48'13	12°56	1°59	21° 5	9°33	23°14	26°28	27°44	5°40	12°27	29°29	0°15	4°18	24° 7	T 26
F 27	18 56 15	13°45'26	27°32	4° 2	22°19	10°14	23° 6	26°25	27°47	5°39	12°26	29°23	0°12	4°25	24° 5	F 27
S 28	19 0 12	14°42'39	11°40	6° 6	23°33	10°55	22°59	26°23	27°50	5°38	12°24	29°20	0° 9	4°32	24° 3	S 28
S 29	19 4 8	15°39'53	25°19	8°12	24°47	11°36	22°51	26°20	27°52	5°37	12°23	29°D19	0° 6	4°39	24° 1	S 29
M30	19 8 5	16°37'06	8°31	10°19	26°0	12°18	22°343	26°17	27°55	5°36	12°21	29°H19	0°Y 3	4°35	23°59	M30

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	23n 3	6n47	1n24	15n50	3s57	23n24	0n15	18n 4	0s15	21s24	0s22	13s50	1s24	19n13	0s12	10s10	0s51	22s23	0n29	0n53	0n38	28s38	7s15	6n26
M 2	23 7	0 32	0 16	16 3	3 52	23 31	0 17	18 16	0 14	21 25	0 22	13 50	1 24	19 14	0 12	10 11	0 51	22 23	0 29	0 53	0 36	28 38	7 15	6 27
T 3	23 11	5s34	0s52	16 17	3 46	23 38	0 19	18 27	0 14	21 26	0 23	13 50	1 24	19 15	0 12	10 11	0 51	22 23	0 29	0 53	0 35	28 38	7 14	6 27
W 4	23 15	11 19	1 55	16 33	3 40	23 44	0 22	18 39	0 13	21 27	0 23	13 51	1 24	19 15	0 12	10 11	0 51	22 23	0 29	0 52	0 34	28 38	7 14	6 27
T 5	23 18	16 33	2 52	16 50	3 33	23 49	0 24	18 50	0 12	21 28	0 23	13 51	1 24	19 16	0 12	10 11	0 51	22 23	0 29	0 50	0 33	28 38	7 14	6 28
F 6	23 21	21 2	3 40	17 9	3 25	23 54	0 26	19 1	0 12	21 29	0 23	13 51	1 25	19 17	0 12	10 11	0 51	22 24	0 29	0 48	0 31	28 38	7 14	6 28
S 7	23 24	24 37	4 18	17 28	3 17	23 57	0 28	19 11	0 11	21 31	0 23	13 52	1 25	19 18	0 12	10 11	0 51	22 24	0 29	0 44	0 30	28 38	7 14	6 28
S 8	23 26	27 7	4 44	17 49	3 8	24 1	0 31	19 22	0 10	21 32	0 24	13 52	1 25	19 18	0 12	10 11	0 51	22 24	0 29	0 39	0 29	28 38	7 15	6 29
M 9	23 28	28 21	4 57	18 10	2 58	24 3	0 33	19 32	0 10	21 33	0 24	13 53	1 25	19 19	0 12	10 11	0 51	22 24	0 29	0 34	0 28	28 38	7 15	6 29
T 10	23 29	28 17	4 58	18 33	2 48	24 5	0 35	19 42	0 9	21 34	0 24	13 54	1 25	19 20	0 12	10 11	0 51	22 25	0 29	0 28	0 26	28 37	7 15	6 29
W11	23 30	26 55	4 46	18 55	2 38	24 6	0 37	19 52	0 8	21 36	0 24	13 54	1 26	19 21	0 12	10 12	0 51	22 25	0 28	0 23	0 25	28 37	7 15	6 30
T 12	23 30	24 20	4 21	19 19	2 27	24 6	0 39	20 2	0 8	21 37	0 24	13 55	1 26	19 21	0 12	10 12	0 51	22 25	0 28	0 18	0 24	28 37	7 15	6 30
F 13	23 30	20 41	3 44	19 42	2 15	24 6	0 42	20 12	0 7	21 38	0 24	13 56	1 26	19 22	0 12	10 12	0 51	22 25	0 28	0 15	0 23	28 37	7 15	6 30
S 14	23 30	16 9	2 57	20 6	2 4	24 5	0 44	20 21	0 6	21 39	0 25	13 56	1 26	19 23	0 12	10 12	0 51	22 25	0 28	0 12	0 21	28 37	7 15	6 30
S 15	23 29	10 54	2 1	20 29	1 52	24 3	0 46	20 30	0 6	21 41	0 25	13 57	1 27	19 23	0 12	10 12	0 51	22 26	0 28	0 11	0 20	28 36	7 16	6 31
M16	23 28	5 9	0 59	20 52	1 40	24 0	0 48	20 39	0 5	21 42	0 25	13 58	1 27	19 24	0 12	10 13	0 51	22 26	0 28	0 10	0 19	28 36	7 16	6 31
T 17	23 26	0n57	0n 9	21 15	1 28	23 57	0 50	20 48	0 4	21 43	0 25	13 59	1 27	19 25	0 12	10 13	0 51	22 26	0 28	0 10	0 17	28 36	7 16	6 31
W18	23 24	7 11	1 17	21 38	1 15	23 53	0 52	20 57	0 4	21 45	0 25	13 59	1 27	19 25	0 12	10 13	0 51	22 26	0 28	0 10	0 16	28 36	7 16	6 32
T 19	23 22	13 18	2 24	21 59	1 3	23 48	0 54	21 5	0 3	21 46	0 25	14 0	1 27	19 26	0 12	10 13	0 51	22 27	0 28	0 10	0 15	28 36	7 17	6 32
F 20	23 19	18 57	3 24	22 20	0 50	23 43	0 56	21 13	0 2	21 48	0 26	14 1	1 27	19 27	0 12	10 14	0 51	22 27	0 28	0 8	0 14	28 35	7 17	6 32
S 21	23 16	23 42	4 13	22 39	0 38	23 37	0 57	21 21	0 1	21 49	0 26	14 2	1 28	19 27	0 12	10 14	0 51	22 27	0 27	0 6	0 12	28 35	7 17	6 32
S 22	23 12	27 3	4 46	22 57	0 26	23 30	0 59	21 29	0 1	21 50	0 26	14 3	1 28	19 28	0 12	10 14	0 51	22 27	0 27	0 3	0 11	28 35	7 18	6 33
M23	23 8	28 29	5 0	23 13	0 14	23 23	1 1	21 37	0n 0	21 52	0 26	14 4	1 28	19 29	0 12	10 15	0 51	22 28	0 27	0s 1	0 10	28 35	7 18	6 33
T 24	23 3	27 45	4 53	23 27	0 2	23 14	1 3	21 44	0 1	21 53	0 26	14 5	1 28	19 29	0 12	10 15	0 51	22 28	0 27	0 5	0 9	28 34	7 18	6 33
W25	22 58	24 57	4 25	23 40	0n 9	23 5	1 4	21 52	0 1	21 55	0 26	14 6	1 28	19 30	0 12	10 15	0 51	22 28	0 27	0 9	0 7	28 34	7 19	6 33
T 26	22 53	20 29	3 39	23 50	0 20	22 56	1 6	21 59	0 2	21 56	0 27	14 7	1 29	19 31	0 12	10 16	0 51	22 28	0 27	0 13	0 6	28 34	7 19	6 34
F 27	22 47	14 52	2 40	23 58	0 31	22 46	1 8	22 5	0 3	21 58	0 27	14 8	1 29	19 31	0 12	10 16	0 52	22 28	0 27	0 15	0 5	28 33	7 20	6 34
S 28	22 41	8 38	1 32	24 3	0 41	22 35	1 9	22 12	0 4	21 59	0 27	14 9	1 29	19 32	0 12	10 16	0 52	22 29	0 27	0 16	0 4	28 33	7 20	6 34
S 29	22 35	2 11	0 21	24 5	0 51	22 23	1 11	22 18	0 4	22 0	0 27	14 10	1 29	19 32	0 12	10 17	0 52	22 29	0 27	0 16	0 2	28 33	7 21	6 34
M30	22n28	4s 8	0s49	24n 5	0m59	22n11	1n12	22n25	0n 5	22s 2	0s27	14s11	1s29	19n33	0s12	10s17	0s52	22s29	0n27	0s16	0n 1	28s33	7s21	6n35

ASTRODIENST EPHEMERIS for the year 1522
geocentric

JULY 1522 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	19 12 2	17°34'20	21°19	12°27	27°14	12°59	22°R36	26°R14	27°8'57	5°R35	12°R20	29°R19	29°8'59	4°52	23°R56	T 1
W 2	19 15 58	18°31'33	3°147	14°35	28°28	13°40	22°28	26°11	28° 0	5°34	12°18	29°18	29°56	4°59	23°54	W 2
T 3	19 19 55	19°28'47	16° 1	16°44	29°42	14°21	22°20	26° 8	28° 2	5°33	12°17	29°15	29°53	5° 5	23°52	T 3
F 4	19 23 51	20°26'02	28° 5	18°52	0°55	15° 2	22°13	26° 5	28° 5	5°32	12°16	29°10	29°50	5°12	23°49	F 4
S 5	19 27 48	21°23'16	10°1	21° 0	2° 9	15°42	22° 5	26° 1	28° 7	5°31	12°14	29° 2	29°47	5°19	23°47	S 5
S 6	19 31 44	22°20'31	21°54	23° 7	3°23	16°23	21°57	25°58	28°10	5°30	12°13	28°52	29°44	5°26	23°44	S 6
M 7	19 35 41	23°17'47	3°347	25°13	4°37	17° 4	21°49	25°55	28°12	5°29	12°11	28°40	29°40	5°32	23°42	M 7
T 8	19 39 37	24°15'03	15°40	27°19	5°51	17°44	21°41	25°51	28°14	5°28	12°10	28°28	29°37	5°39	23°39	T 8
W 9	19 43 34	25°12'20	27°36	29°23	7° 4	18°25	21°34	25°48	28°17	5°27	12° 8	28°17	29°34	5°46	23°37	W 9
T 10	19 47 31	26° 9'37	9°36	1°26	8°18	19° 6	21°26	25°44	28°19	5°25	12° 7	28° 7	29°31	5°53	23°34	T 10
F 11	19 51 27	27° 6'55	21°42	3°28	9°32	19°46	21°18	25°41	28°21	5°24	12° 6	27°59	29°28	5°59	23°31	F 11
S 12	19 55 24	28° 4'14	3°55	5°28	10°46	20°26	21°11	25°37	28°23	5°23	12° 4	27°54	29°24	6° 6	23°29	S 12
S 13	19 59 20	29° 1'34	16°17	7°27	12° 0	21° 7	21° 3	25°33	28°25	5°22	12° 3	27°51	29°21	6°13	23°26	S 13
M14	20 3 17	29°58'54	28°51	9°24	13°13	21°47	20°55	25°29	28°27	5°21	12° 1	27°D51	29°18	6°19	23°23	M14
T 15	20 7 13	0°56'16	11°41	11°19	14°27	22°27	20°48	25°26	28°29	5°19	12° 0	27°51	29°15	6°26	23°21	T 15
W16	20 11 10	1°53'39	24°50	13°13	15°41	23° 7	20°40	25°22	28°31	5°18	11°59	27°52	29°12	6°33	23°18	W16
T 17	20 15 6	2°51'03	8°20	15° 6	16°55	23°48	20°33	25°18	28°33	5°17	11°57	27°R52	29° 9	6°40	23°15	T 17
F 18	20 19 3	3°48'29	22°14	16°57	18° 9	24°28	20°26	25°14	28°35	5°15	11°56	27°51	29° 5	6°46	23°12	F 18
S 19	20 23 0	4°45'56	6°32	18°46	19°22	25° 8	20°18	25°10	28°37	5°14	11°55	27°47	29° 2	6°53	23° 9	S 19
S 20	20 26 56	5°43'24	21°12	20°33	20°36	25°47	20°11	25° 6	28°39	5°13	11°53	27°42	28°59	7° 0	23° 6	S 20
M21	20 30 53	6°40'54	6°10	22°19	21°50	26°27	20° 4	25° 1	28°41	5°11	11°52	27°35	28°56	7° 6	23° 3	M21
T 22	20 34 49	7°38'24	21°16	24° 4	23° 4	27° 7	19°57	24°57	28°42	5°10	11°51	27°27	28°53	7°13	23° 0	T 22
W23	20 38 46	8°35'56	6°21	25°47	24°18	27°47	19°50	24°53	28°44	5° 8	11°49	27°20	28°50	7°20	22°57	W23
T 24	20 42 42	9°33'29	21°16	27°28	25°31	28°26	19°43	24°49	28°46	5° 7	11°48	27°14	28°46	7°27	22°55	T 24
F 25	20 46 39	10°31'03	5°52	29° 8	26°45	29° 6	19°36	24°44	28°47	5° 6	11°47	27°10	28°43	7°33	22°52	F 25
S 26	20 50 35	11°28'37	20° 3	0°46	27°59	29°46	19°29	24°40	28°49	5° 4	11°46	27° 9	28°40	7°40	22°49	S 26
S 27	20 54 32	12°26'13	3°47	2°22	29°13	0°25	19°23	24°36	28°50	5° 3	11°44	27°D 9	28°37	7°47	22°46	S 27
M28	20 58 29	13°23'50	17° 4	3°57	0°27	1° 4	19°16	24°31	28°52	5° 1	11°43	27°10	28°34	7°54	22°42	M28
T 29	21 2 25	14°21'28	29°56	5°31	1°40	1°44	19°10	24°27	28°53	5° 0	11°42	27°11	28°30	8° 0	22°39	T 29
W30	21 6 22	15°19'07	12°28	7° 3	2°54	2°23	19° 4	24°23	28°55	4°58	11°41	27°R12	28°27	8° 7	22°36	W30
T 31	21 10 18	16°16'46	24°42	8°33	4°8	3°2	18°57	24°18	28°56	4°57	11°40	27°11	28°24	8°14	22°33	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
T 1	22n21	10s 6	1s54	24n 2	1n 7	21n58	1n13	22n31	0n 6	22s 3	0s27	14s13	1s30	19n34	0s12	10s17	0s52	22s29	0n26	0s16	0s 0	28s32	7s22	6n35			
W 2	22 13	15 31	2 52	23 57	1 15	21 45	1 15	22 36	0 6	22 5	0 28	14 14	1 30	19 34	0 12	10 18	0 52	22 30	0 26	0 17	0 2	28 32	7 22	6 35			
T 3	22 5	20 12	3 41	23 48	1 22	21 30	1 16	22 42	0 7	22 6	0 28	14 15	1 30	19 35	0 12	10 18	0 52	22 30	0 26	0 18	0 3	28 32	7 23	6 35			
F 4	21 57	24 0	4 19	23 37	1 27	21 16	1 17	22 47	0 8	22 8	0 28	14 16	1 30	19 35	0 12	10 19	0 52	22 30	0 26	0 20	0 4	28 31	7 23	6 35			
S 5	21 48	26 43	4 46	23 23	1 33	21 0	1 18	22 53	0 9	22 9	0 28	14 18	1 30	19 36	0 12	10 19	0 52	22 30	0 26	0 23	0 5	28 31	7 24	6 36			
S 6	21 39	28 15	5 0	23 7	1 37	20 44	1 19	22 58	0 9	22 10	0 28	14 19	1 30	19 36	0 12	10 19	0 52	22 31	0 26	0 27	0 7	28 30	7 25	6 36			
M 7	21 29	28 28	5 1	22 48	1 41	20 28	1 21	23 2	0 10	22 12	0 28	14 20	1 31	19 37	0 12	10 20	0 52	22 31	0 26	0 32	0 8	28 30	7 25	6 36			
T 8	21 19	27 22	4 49	22 27	1 43	20 11	1 22	23 7	0 11	22 13	0 28	14 21	1 31	19 37	0 12	10 20	0 52	22 31	0 26	0 37	0 9	28 30	7 26	6 36			
W 9	21 9	25 0	4 24	22 3	1 46	19 53	1 22	23 11	0 12	22 14	0 29	14 23	1 31	19 38	0 12	10 21	0 52	22 31	0 26	0 41	0 10	28 29	7 27	6 36			
T 10	20 58	21 33	3 47	21 38	1 47	19 35	1 23	23 15	0 12	22 16	0 29	14 24	1 31	19 38	0 12	10 21	0 52	22 32	0 26	0 45	0 12	28 29	7 27	6 36			
F 11	20 48	17 9	3 0	21 11	1 48	19 16	1 24	23 19	0 13	22 17	0 29	14 26	1 31	19 39	0 12	10 22	0 52	22 32	0 25	0 48	0 13	28 28	7 28	6 37			
S 12	20 36	12 2	2 4	20 42	1 48	18 57	1 25	23 23	0 14	22 18	0 29	14 27	1 31	19 39	0 12	10 22	0 52	22 32	0 25	0 50	0 14	28 28	7 29	6 37			
S 13	20 25	6 22	1 1	20 11	1 47	18 37	1 26	23 27	0 14	22 20	0 29	14 28	1 32	19 40	0 12	10 23	0 52	22 32	0 25	0 51	0 15	28 28	7 30	6 37			
M14	20 13	0 22	0n 5	19 39	1 46	18 16	1 26	23 30	0 15	22 21	0 29	14 30	1 32	19 40	0 12	10 23	0 52	22 32	0 25	0 52	0 17	28 27	7 30	6 37			
T 15	20 0	5n46	1 13	19 6	1 44	17 55	1 27	23 33	0 16	22 22	0 29	14 31	1 32	19 41	0 12	10 24	0 52	22 33	0 25	0 51	0 18	28 27	7 31	6 37			
W16	19 48	11 48	2 19	18 31	1 42	17 34	1 27	23 36	0 17	22 24	0 29	14 33	1 32	19 41	0 12	10 24	0 52	22 33	0 25	0 51	0 19	28 26	7 32	6 37			
T 17	19 34	17 28	3 19	17 55	1 39	17 12	1 28	23 39	0 17	22 25	0 30	14 34	1 32	19 42	0 12	10 25	0 52	22 33	0 25	0 51	0 21	28 26	7 33	6 37			
F 18	19 21	22 23	4 10	17 19	1 35	16 50	1 28	23 41	0 18	22 26	0 30	14 36	1 32	19 42	0 12	10 25	0 52	22 33	0 25	0 52	0 22	28 25	7 33	6 37			
S 19	19 7	26 9	4 46	16 41	1 31	16 27	1 28	23 44	0 19	22 27	0 30	14 37	1 32	19 42	0 12	10 26	0 52	22 34	0 25	0 53	0 23	28 25	7 34	6 38			
S 20	18 53	28 16	5 4	16 3	1 27	16 4	1 29	23 46	0 20	22 29	0 30	14 39	1 33	19 43	0 12	10 26	0 52	22 34	0 25	0 55	0 24	28 24	7 35	6 38			
M21	18 39	28 24	5 3	15 24	1 22	15 40	1 29	23 48	0 20	22 30	0 30	14 40	1 33	19 43	0 12	10 27	0 52	22 34	0 24	0 58	0 26	28 24	7 36	6 38			
T 22	18 25	26 26	4 41	14 45	1 17	15 16	1 29	23 50	0 21	22 31	0 30	14 42	1 33	19 44	0 12	10 27	0 52	22 34	0 24	1 1	0 27	28 23	7 37	6 38			
W23	18 10	22 35	3 59	14 5	1 11	14 51	1 29	23 51	0 22	22 32	0 30	14 43	1 33	19 44	0 12	10 28	0 52	22 34	0 24	1 4	0 28	28 23	7 38	6 38			
T 24	17 54	17 18	3 1	13 24	1 5	14 26	1 29	23 52	0 23	22 33	0 30	14 45	1 33	19 44	0 12	10 28	0 52	22 35	0 24	1 6	0 29	28 22	7 39	6 38			
F 25	17 39	11 7	1 52	12 44	0 59	14 1	1 29	23 54	0 23	22 34	0 30	14 46	1 33	19 45	0 12	10 29	0 52	22 35	0 24	1 8	0 31	28 22	7 40	6 38			
S 26	17 23	4 32	0 38	12 3	0 52	13 35	1 29	23 54	0 24	22 35	0 31	14 48	1 33	19 45	0 12	10 29	0 52	22 35	0 24	1 8	0 32	28 21	7 40	6 38			
S 27	17 7	2s 3	0s36	11 22	0 45	13 9	1 28	23 55	0 25	22 36	0 31	14 49	1 33	19 45	0 12	10 30	0 52	22 35	0 24	1 8	0 33	28 21	7 41	6 38			
M28	16 51	8 21	1 46	10 40	0 38	12 43	1 28	23 56	0 26	22 37	0 31	14 51	1 33	19 46	0 12	10 30	0 52	22 35	0 24	1 8	0 34	28 20	7 42	6 38			
T 29	16 34	14 6	2 48	9 59	0 30	12 16	1 28	23 56	0 27	22 38	0 31	14 53	1 34	19 46	0 12	10 31	0 52	22 36	0 24	1 7	0 36	28 20	7 43	6 38			
W30	16 17	19 7	3 41	9 18	0 23	11 49	1 27	23 56	0 27	22 39	0 31	14 54	1 34	19 46	0 12	10 32	0 52	22 36	0 24	1 7	0 37	28 19	7 44	6 38			
T 31	16n 0	23s13	4s22	8n37	0n15	11n22	1n27	23n56	0n28	22s40	0s31	14s56	1s34	19n47	0s12	10s32	0s52	22s36	0n23	1s 7	0s38	28s18	7s45	6n38			

ASTRODIENST EPHEMERIS for the year 1522
geocentric

AUGUST 1522 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	21 14 15	17°14'27	6°46'	10°12' 2	5°12' 22	3°41'	18°R51	24°R14	28°57'	4°R55	11°R39	27°R10	28°21'	8°20'	22°R30	F 1
S 2	21 18 11	18°12'09	18°41'	11°30'	6°35'	4°20'	18°46'	24°9'	28°59'	4°54'	11°37'	27°6'	28°18'	8°27'	22°27'	S 2
S 3	21 22 8	19° 9'53	0°34'	12°55'	7°49'	4°59'	18°40'	24° 5'	29° 0'	4°52'	11°36'	27° 1'	28°15'	8°34'	22°24'	S 3
M 4	21 26 4	20° 7'37	12°27'	14°20'	9° 3'	5°38'	18°34'	24° 0'	29° 1'	4°50'	11°35'	26°55'	28°11'	8°41'	22°21'	M 4
T 5	21 30 1	21° 5'23	24°23'	15°42'	10°17'	6°17'	18°29'	23°56'	29° 2'	4°49'	11°34'	26°48'	28° 8'	8°47'	22°18'	T 5
W 6	21 33 58	22° 3'10	6°24'	17° 3'	11°30'	6°56'	18°24'	23°51'	29° 3'	4°47'	11°33'	26°42'	28° 5'	8°54'	22°15'	W 6
T 7	21 37 54	23° 0'58	18°32'	18°22'	12°44'	7°34'	18°18'	23°47'	29° 4'	4°46'	11°32'	26°36'	28° 2'	9° 1'	22°12'	T 7
F 8	21 41 51	23°58'48	0°15'	19°39'	13°58'	8°13'	18°13'	23°42'	29° 5'	4°44'	11°31'	26°33'	27°59'	9° 7'	22° 9'	F 8
S 9	21 45 47	24°56'39	13°17'	20°55'	15°12'	8°52'	18° 9'	23°38'	29° 6'	4°42'	11°30'	26°30'	27°56'	9°14'	22° 6'	S 9
S 10	21 49 44	25°54'32	25°54'	22° 9'	16°25'	9°30'	18° 4'	23°33'	29° 7'	4°41'	11°29'	26°D29	27°52'	9°21'	22° 3'	S 10
M11	21 53 40	26°52'26	8°44'	23°21'	17°39'	10° 9'	17°59'	23°29'	29° 8'	4°39'	11°28'	26°30'	27°49'	9°28'	21°59'	M11
T 12	21 57 37	27°50'22	21°47'	24°30'	18°53'	10°47'	17°55'	23°24'	29° 8'	4°38'	11°27'	26°31'	27°46'	9°34'	21°56'	T 12
W13	22 1 33	28°48'21	5° 5'	25°38'	20° 6'	11°25'	17°51'	23°19'	29° 9'	4°36'	11°27'	26°33'	27°43'	9°41'	21°53'	W13
T 14	22 5 30	29°46'21	18°40'	26°44'	21°20'	12° 3'	17°47'	23°15'	29°10'	4°34'	11°26'	26°34'	27°40'	9°48'	21°50'	T 14
F 15	22 9 27	0°44'23	2°11'31	27°47'	22°34'	12°42'	17°43'	23°11'	29°10'	4°33'	11°25'	26°R34	27°36'	9°55'	21°47'	F 15
S 16	22 13 23	1°42'27	16°40'	28°48'	23°47'	13°20'	17°39'	23° 6'	29°11'	4°31'	11°24'	26°34'	27°33'	10° 1'	21°44'	S 16
S 17	22 17 20	2°40'33	1° 4'	29°46'	25° 1'	13°58'	17°36'	23° 2'	29°11'	4°29'	11°23'	26°32'	27°30'	10° 8'	21°41'	S 17
M18	22 21 16	3°38'41	15°39'	0°41'	26°15'	14°36'	17°32'	22°57'	29°12'	4°28'	11°22'	26°29'	27°27'	10°15'	21°38'	M18
T 19	22 25 13	4°36'51	0°12'22	1°34'	27°28'	15°14'	17°29'	22°53'	29°12'	4°26'	11°22'	26°26'	27°24'	10°21'	21°35'	T 19
W20	22 29 9	5°35'03	15° 5'	2°23'	28°42'	15°51'	17°26'	22°48'	29°12'	4°24'	11°21'	26°24'	27°21'	10°28'	21°32'	W20
T 21	22 33 6	6°33'17	29°41'	3° 9'	29°56'	16°29'	17°23'	22°44'	29°13'	4°23'	11°20'	26°21'	27°17'	10°35'	21°29'	T 21
F 22	22 37 2	7°31'33	14°17'4	3°52'	1° 9'	17° 7'	17°21'	22°40'	29°13'	4°21'	11°20'	26°20'	27°14'	10°42'	21°26'	F 22
S 23	22 40 59	8°29'50	28° 7'	4°31'	2°23'	17°44'	17°18'	22°36'	29°13'	4°19'	11°19'	26°D20	27°11'	10°48'	21°24'	S 23
S 24	22 44 56	9°28'09	11°49'	5° 6'	3°37'	18°22'	17°16'	22°31'	29°13'	4°18'	11°18'	26°20'	27° 8'	10°55'	21°21'	S 24
M25	22 48 52	10°26'30	25° 6'	5°36'	4°50'	18°59'	17°14'	22°27'	29°13'	4°16'	11°18'	26°21'	27° 5'	11° 2'	21°18'	M25
T 26	22 52 49	11°24'52	8°11' 1	6° 2'	6° 4'	19°37'	17°12'	22°23'	29°R13	4°14'	11°17'	26°23'	27° 1'	11° 8'	21°15'	T 26
W27	22 56 45	12°23'16	20°36'	6°23'	7°17'	20°14'	17°11'	22°19'	29°13'	4°13'	11°17'	26°24'	26°58'	11°15'	21°12'	W27
T 28	23 0 42	13°21'41	2°15'3	6°39'	8°31'	20°51'	17° 9'	22°15'	29°13'	4°11'	11°16'	26°25'	26°55'	11°22'	21° 9'	T 28
F 29	23 4 38	14°20'09	14°58'	6°49'	9°44'	21°28'	17° 8'	22°11'	29°13'	4°10'	11°16'	26°R25	26°52'	11°29'	21° 7'	F 29
S 30	23 8 35	15°18'38	26°55'	6°R53	10°58'	22° 5'	17° 7'	22° 7'	29°13'	4° 8'	11°15'	26°24'	26°49'	11°35'	21° 4'	S 30
S 31	23 12 31	16°17'08	8°48'	6°51'	12°11'	22°42'	17°36'	22°36'	29°13'	4°6'	11°15'	26°24'	26°46'	11°32'	21°31'	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	15n43	26s16	4s51	7n56	0n 7	10n54	1n26	23n56	0n29	22s41	0s31	14s57	1s34	19n47	0s12	10s33	0s52
S 2	15 25	28 7	5 7	7 15	0s 2	10 26	1 25	23 55	0 30	22 42	0 31	14 59	1 34	19 47	0 12	10 33	0 52
S 3	15 7	28 39	5 9	6 34	0 10	9 58	1 25	23 55	0 30	22 43	0 31	15 1	1 34	19 47	0 12	10 34	0 53
M 4	14 49	27 53	4 59	5 54	0 19	9 30	1 24	23 54	0 31	22 44	0 31	15 2	1 34	19 48	0 12	10 35	0 53
T 5	14 30	25 49	4 35	5 13	0 28	9 1	1 23	23 53	0 32	22 45	0 31	15 4	1 34	19 48	0 12	10 35	0 53
W 6	14 12	22 35	3 59	4 34	0 37	8 32	1 22	23 52	0 33	22 45	0 31	15 5	1 34	19 48	0 12	10 36	0 53
T 7	13 53	18 21	3 12	3 16	0 46	8 3	1 21	23 51	0 33	22 46	0 32	15 7	1 34	19 48	0 12	10 36	0 53
F 8	13 34	13 19	2 16	3 54	0 55	7 33	1 20	23 49	0 34	22 47	0 32	15 8	1 34	19 48	0 12	10 37	0 53
S 9	13 15	7 42	1 12	2 37	1 5	7 4	1 19	23 47	0 35	22 48	0 32	15 10	1 35	19 49	0 12	10 38	0 53
S 10	12 55	1 41	0 3	2 0	1 14	6 34	1 18	23 45	0 36	22 48	0 32	15 12	1 35	19 49	0 12	10 38	0 53
M 11	12 35	4n29	1n 7	1 22	1 23	6 4	1 17	23 43	0 37	22 49	0 32	15 13	1 35	19 49	0 12	10 39	0 53
T 12	12 15	10 35	2 14	0 46	1 33	5 34	1 15	23 41	0 37	22 50	0 32	15 15	1 35	19 49	0 12	10 39	0 53
W 13	11 55	16 20	3 16	0 11	1 42	5 4	1 14	23 39	0 38	22 50	0 32	15 16	1 35	19 49	0 12	10 40	0 53
T 14	11 35	21 24	4 8	0s24	1 52	4 33	1 12	23 36	0 39	22 51	0 32	15 18	1 35	19 49	0 12	10 41	0 53
F 15	11 14	25 24	4 47	0 58	2 1	4 3	1 11	23 33	0 40	22 51	0 32	15 19	1 35	19 50	0 12	10 41	0 53
S 16	10 54	27 58	5 9	1 31	2 10	3 32	1 9	23 30	0 40	22 52	0 32	15 21	1 35	19 50	0 12	10 42	0 53
S 17	10 33	28 43	5 13	2 2	2 20	3 1	1 8	23 27	0 41	22 52	0 32	15 22	1 35	19 50	0 12	10 42	0 53
M 18	10 12	27 30	4 57	2 33	2 29	2 30	1 6	23 24	0 42	22 53	0 32	15 24	1 35	19 50	0 12	10 43	0 53
T 19	9 51	24 22	4 21	3 2	2 38	1 59	1 4	23 21	0 43	22 53	0 32	15 25	1 35	19 50	0 12	10 44	0 53
W 20	9 29	19 40	3 28	3 30	2 47	1 28	1 2	23 17	0 44	22 54	0 32	15 27	1 35	19 50	0 12	10 44	0 53
T 21	9 8	13 49	2 22	3 56	2 56	0 57	1 0	23 13	0 44	22 54	0 32	15 28	1 35	19 50	0 12	10 45	0 53
F 22	8 46	7 19	1 7	4 21	3 4	0 26	0 59	23 9	0 45	22 55	0 32	15 30	1 35	19 50	0 12	10 46	0 53
S 23	8 24	0 36	0s10	4 44	3 12	0s 5	0 57	23 5	0 46	22 55	0 32	15 31	1 35	19 50	0 12	10 46	0 53
S 24	8 2	5s59	1 24	5 5	3 20	0 36	0 54	23 1	0 47	22 55	0 32	15 33	1 35	19 50	0 12	10 47	0 53
M 25	7 40	12 6	2 32	5 24	3 27	1 8	0 52	22 57	0 48	22 56	0 32	15 34	1 35	19 50	0 12	10 47	0 53
T 26	7 18	17 32	3 30	5 41	3 34	1 39	0 50	22 52	0 49	22 56	0 33	15 35	1 35	19 50	0 12	10 48	0 53
W 27	6 56	22 4	4 17	5 55	3 40	2 10	0 48	22 47	0 49	22 56	0 33	15 37	1 35	19 50	0 12	10 49	0 53
T 28	6 33	25 32	4 50	6 6	3 46	2 41	0 46	22 42	0 50	22 56	0 33	15 38	1 35	19 50	0 12	10 49	0 53
F 29	6 11	27 47	5 10	6 15	3 51	3 12	0 43	22 37	0 51	22 57	0 33	15 39	1 35	19 50	0 12	10 50	0 53
S 30	5 48	28 44	5 16	6 20	3 55	3 43	0 41	22 32	0 52	22 57	0 33	15 41	1 35	19 50	0 12	10 50	0 53
S 31	5n26	28s21	5s 9	6s22	3s58	4s14	0n39	22n27	0n53	22s57	0s33	15s42	1s35	19n50	0s12	10s51	0s53

Julian Day Number = 2277180.5, Delta T = 241.31 sec
Ecliptic obliquity = 23°30'14, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°04'44, Lahiri = 17°11'44 Julian Calendar 1 Aug. 1522 == Greg. Calendar 11 Aug. 1522

ASTRODIENST EPHEMERIS for the year 1522

geocentric

SEPTEMBER 1522 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	23 16 28	17°15'41	20°34'42	6°R42	13°25'25	23°19'59	17°R 5	21°R59	29°R13	4°R 5	11°R14	26°R23	26°R42	11°R49	20°R59	M 1	
T 2	23 20 25	18°14'14	2°40'40	6°27'27	14°38'38	23°56'56	17°R 5	21°R55	29°R12	4°R 3	11°R14	26°R21	26°39'	11°55'	20°R56	T 2	
W 3	23 24 21	19°12'50	14°46'46	6° 4'4	15°52'52	24°33'33	17° 5	21°51'	29°12'	4° 2	11°14'	26°20'	26°36'	12° 2'	20°53'	W 3	
T 4	23 28 18	20°11'28	27° 4'4	5°35'35	17° 5	25° 9'	17°D 5	21°48'	29°11'	4° 0	11°13'	26°20'	26°33'	12° 9'	20°51'	T 4	
F 5	23 32 14	21°10'07	9°34'34	4°58'58	18°19'19	25°46'46	17° 5	21°44'	29°11'	3°59'	11°13'	26°19'	26°30'	12°16'	20°48'	F 5	
S 6	23 36 11	22° 8'48	22°18'18	4°15'15	19°32'32	26°22'22	17° 5	21°40'	29°10'	3°57'	11°13'	26°D19	26°27'	12°22'	20°46'	S 6	
S 7	23 40 7	23° 7'31	5°16'16	3°25'25	20°46'46	26°59'59	17° 5	21°37'	29°10'	3°55'	11°13'	26°19'	26°23'	12°29'	20°43'	S 7	
M 8	23 44 4	24° 6'16	18°29'29	2°29'29	21°59'59	27°35'35	17° 6	21°33'	29° 9	3°54'	11°12'	26°19'	26°20'	12°36'	20°41'	M 8	
T 9	23 48 0	25° 5'04	1°55'55	1°29'29	23°12'12	28°11'11	17° 7	21°30'	29° 9	3°52'	11°12'	26°19'	26°17'	12°43'	20°39'	T 9	
W10	23 51 57	26° 3'53	15°33'33	0°25'25	24°26'26	28°47'47	17° 8	21°27'	29° 8	3°51'	11°12'	26°R19	26°14'	12°49'	20°36'	W10	
T 11	23 55 54	27° 2'45	29°23'23	29°18'18	25°39'39	29°23'23	17° 9	21°23'	29° 7	3°49'	11°12'	26°19'	26°11'	12°56'	20°34'	T 11	
F 12	23 59 50	28° 1'40	13°II22	28°11'11	26°52'52	29°59'59	17°11	21°20'	29° 6	3°48'	11°12'	26°19'	26° 7'	13° 3'	20°32'	F 12	
S 13	0 3 47	29° 0'37	27°30'30	27° 5'5	28° 6'6	0°L35	17°12	21°17'	29° 5	3°46'	11°12'	26°D19	26° 4'	13° 9'	20°29'	S 13	
S 14	0 7 43	29°59'36	11°54'43	26° 1'1	29°19'19	1°11'11	17°14	21°14'	29° 4	3°45'	11°D12	26°19'	26° 1'	13°16'	20°27'	S 14	
M15	0 11 40	0°58'37	26° 0'0	25° 2'2	0°L32	1°46'46	17°16	21°11'	29° 4	3°44'	11°12'	26°19'	25°58'	13°23'	20°25'	M15	
T 16	0 15 36	1°57'41	10°L18	24° 9'9	1°45'45	2°22'22	17°19	21° 8'	29° 3	3°42'	11°12'	26°20'	25°55'	13°30'	20°23'	T 16	
W17	0 19 33	2°56'47	24°33'33	23°23'23	2°59'59	2°58'58	17°21	21° 6'	29° 1	3°41'	11°12'	26°20'	25°52'	13°36'	20°21'	W17	
T 18	0 23 29	3°55'55	8°11'41	22°46'46	4°12'12	3°33'33	17°24	21° 3'	29° 0	3°39'	11°12'	26°21'	25°48'	13°43'	20°19'	T 18	
F 19	0 27 26	4°55'05	22°39'39	22°19'19	5°25'25	4° 8'8	17°26	21° 0'	28°59'59	3°38'38	11°12'	26°R21	25°45'	13°50'	20°17'	F 19	
S 20	0 31 23	5°54'18	6°24'24	22° 1'1	6°38'38	4°43'43	17°29	20°58'58	28°58'58	3°37'37	11°12'	26°21'	25°42'	13°56'	20°15'	S 20	
S 21	0 35 19	6°53'32	19°52'52	21°D55	7°52'52	5°19'19	17°33	20°55'55	28°57'57	3°35'35	11°12'	26°21'	25°39'	14° 3'	20°14'	S 21	
M22	0 39 16	7°52'49	3°L 3	21°59'59	9° 5'5	5°54'54	17°36	20°53'53	28°55'55	3°34'34	11°13'	26°19'	25°36'	14°10'	20°12'	M22	
T 23	0 43 12	8°52'07	15°54'54	22°14'14	10°18'18	6°29'29	17°39	20°51'51	28°54'54	3°33'33	11°13'	26°18'	25°33'	14°17'	20°10'	T 23	
W24	0 47 9	9°51'28	28°28'28	22°39'39	11°31'31	7° 3'3	17°43	20°48'48	28°53'53	3°32'32	11°13'	26°16'	25°29'	14°23'	20° 8'	W24	
T 25	0 51 5	10°50'50	10°L46	23°14'14	12°44'44	7°38'38	17°47	20°46'46	28°51'51	3°30'30	11°13'	26°14'	25°26'	14°30'	20° 7'	T 25	
F 26	0 55 2	11°50'14	22°52'52	23°57'57	13°57'57	8°13'13	17°51	20°44'44	28°50'50	3°29'29	11°14'	26°12'	25°23'	14°37'	20° 5'	F 26	
S 27	0 58 58	12°49'40	4°R49	24°49'49	15°10'10	8°47'47	17°56	20°42'42	28°48'48	3°28'28	11°14'	26°11'	25°20'	14°43'	20° 4'	S 27	
S 28	1 2 55	13°49'08	16°42'42	25°48'48	16°23'23	9°21'21	18° 0'	20°40'40	28°47'47	3°27'27	11°15'	26°D11	25°17'	14°50'	20° 2'	S 28	
M29	1 6 52	14°48'38	28°35'35	26°54'54	17°36'36	9°56'56	18° 5'	20°39'39	28°45'45	3°26'26	11°15'	26°12'	25°13'	14°57'	20° 1'	M29	
T 30	1 10 48	15°48'09	10°R34	28°11'11	6°18°L49	10°L30	18°R 9	20°R37	28°R44	3°R24	11°R15	26°R13	25°R10	15°R 4	20°R 0	T 30	

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	5n 3	26s39	4s48	6s21	4s 1	4s45	0n36	22n22	0n53	22s57	0s33	15s43	1s35	19n50	0s12	10s52	0s53	22s42	0n20	1s27	1s19	27s56	8s19	6n34					
T 2	4 40	23 45	4 15	6 16	4 1	5 16	0 34	22 16	0 54	22 57	0 33	15 45	1 35	19 50	0 12	10 52	0 53	22 42	0 20	1 27	1 20	27 55	8 20	6 34					
W 3	4 17	19 48	3 30	6 6	4 1	5 47	0 31	22 11	0 55	22 57	0 33	15 46	1 35	19 50	0 12	10 53	0 53	22 42	0 20	1 28	1 21	27 54	8 21	6 33					
T 4	3 54	14 57	2 35	5 53	3 59	6 17	0 29	22 5	0 56	22 57	0 33	15 47	1 35	19 50	0 12	10 53	0 53	22 42	0 20	1 28	1 23	27 53	8 22	6 33					
F 5	3 31	9 25	1 32	5 35	3 55	6 48	0 26	21 59	0 57	22 57	0 33	15 48	1 35	19 50	0 12	10 54	0 53	22 42	0 20	1 28	1 24	27 52	8 23	6 33					
S 6	3 7	3 24	0 22	5 12	3 50	7 18	0 23	21 53	0 58	22 57	0 33	15 49	1 35	19 50	0 12	10 54	0 53	22 42	0 20	1 28	1 25	27 51	8 24	6 33					
S 7	2 44	2n51	0n49	4 46	3 43	7 48	0 21	21 47	0 58	22 57	0 33	15 50	1 35	19 50	0 12	10 55	0 53	22 42	0 19	1 28	1 26	27 50	8 25	6 32					
M 8	2 21	9 6	2 0	4 15	3 34	8 18	0 18	21 40	0 59	22 57	0 33	15 51	1 35	19 49	0 12	10 56	0 53	22 43	0 19	1 28	1 28	27 49	8 26	6 32					
T 9	1 58	15 3	3 5	3 41	3 23	8 48	0 15	21 34	1 0	22 57	0 33	15 53	1 35	19 49	0 12	10 56	0 53	22 43	0 19	1 28	1 29	27 48	8 27	6 32					
W10	1 34	20 22	4 0	3 4	3 10	9 18	0 13	21 27	1 1	22 57	0 33	15 54	1 35	19 49	0 12	10 57	0 53	22 43	0 19	1 28	1 30	27 48	8 28	6 31					
T 11	1 11	24 40	4 43	2 24	2 55	9 47	0 10	21 21	1 2	22 57	0 33	15 55	1 35	19 49	0 12	10 57	0 53	22 43	0 19	1 28	1 31	27 47	8 29	6 31					
F 12	0 47	27 34	5 9	1 42	2 38	10 17	0 7	21 14	1 3	22 56	0 33	15 56	1 35	19 49	0 12	10 58	0 53	22 43	0 19	1 28	1 33	27 46	8 30	6 31					
S 13	0 24	28 46	5 17	0 59	2 21	10 46	0 4	21 7	1 4	22 56	0 33	15 57	1 35	19 49	0 12	10 58	0 53	22 43	0 19	1 28	1 34	27 45	8 31	6 30					
S 14	0 0	28 3	5 6	0 16	2 2	11 15	0 1	21 0	1 4	22 56	0 33	15 58	1 35	19 48	0 12	10 59	0 53	22 43	0 19	1 28	1 35	27 44	8 32	6 30					
M15	0s23	25 31	4 35	0n25	1 42	11 43	0s 2	20 53	1 5	22 56	0 33	15 58	1 35	19 48	0 12	10 59	0 53	22 43	0 19	1 28	1 36	27 43	8 33	6 30					
T 16	0 47	21 22	3 48	1 5	1 21	12 11	0 5	20 46	1 6	22 56	0 33	15 59	1 35	19 48	0 12	11 0	0 53	22 43	0 19	1 28	1 38	27 42	8 34	6 29					
W17	1 10	16 0	2 47	1 42	1 1	12 39	0 8	20 38	1 7	22 55	0 33	16 0	1 35	19 48	0 12	11 0	0 53	22 43	0 18	1 27	1 39	27 41	8 35	6 29					
T 18	1 34	9 49	1 36	2 15	0 41	13 7	0 11	20 31	1 8	22 55	0 33	16 1	1 35	19 47	0 12	11 1	0 53	22 44	0 18	1 27	1 40	27 40	8 36	6 29					
F 19	1 58	3 14	0 20	2 44	0 21	13 35	0 14	20 23	1 9	22 55	0 33	16 2	1 35	19 47	0 12	11 1	0 53	22 44	0 18	1 27	1 42	27 39	8 37	6 28					
S 20	2 21	3s24	0s55	3 8	0 3	14 2	0 17	20 16	1 10	22 54	0 33	16 3	1 35	19 47	0 12	11 2	0 53	22 44	0 18	1 27	1 43	27 38	8 38	6 28					
S 21	2 45	9 45	2 7	3 27	0n15	14 29	0 20	20 8	1 11	22 54	0 33	16 3	1 35	19 47	0 12	11 2	0 53	22 44	0 18	1 27	1 44	27 37	8 39	6 28					
M22	3 8	15 31	3 9	3 40	0 32	14 55	0 23	20 0	1 11	22 53	0 33	16 4	1 35	19 46	0 12	11 3	0 53	22 44	0 18	1 28	1 45	27 36	8 40	6 27					
T 23	3 32	20 29	4 1	3 48	0 47	15 21	0 26	19 52	1 12	22 53	0 33	16 5	1 35	19 46	0 12	11 3	0 53	22 44	0 18	1 29	1 47	27 35	8 40	6 27					
W24	3 55	24 25	4 39	3 51	1 1	15 47	0 29	19 44	1 13	22 52	0 33	16 5	1 35	19 46	0 12	11 4	0 53	22 44	0 18	1 29	1 48	27 34	8 41	6 27					
T 25	4 18	27 8	5 4	3 49	1 13	16 12	0 32	19 36	1 14	22 52	0 33	16 6	1 34	19 45	0 12	11 4	0 53	22 44	0 18	1 30	1 49	27 33	8 42	6 26					
F 26	4 42	28 33	5 15	3 41	1 24	16 37	0 35	19 28	1 15	22 51	0 33	16 7	1 34	19 45	0 12	11 4	0 53	22 44	0 17	1 31	1 50	27 32	8 43	6 26					
S 27	5 5	28 37	5 12	3 29	1 33	17 2	0 38	19 20	1 16	22 51	0 33	16 7	1 34	19 45	0 12	11 5	0 53	22 44	0 17	1 31	1 52	27 31	8 44	6 25					
S 28	5 28	27 21	4 56	3 13	1 41	17 26	0 41	19 12	1 17	22 50	0 33	16 8	1 34	19 44	0 12	11 5	0 53	22 44	0 17	1 31	1 53	27 30	8 45	6 25					
M29	5 51	24 51	4 27	2 53	1 47	17 50	0 44	19 3	1 18	22 50	0 33	16 8	1 34	19 44	0 12	11 6	0 53	22 44	0 17	1 31	1 54	27 29	8 45	6 25					
T 30	6s14	21s15	3s46	2n29	1n53	18s13	0s47	18n55	1n19	22s49	0s33	16s 9	1s34	19n44	0s12	11s 6	0s53	22s45	0n17	1s30	1s55	27s28	8s46	6n24					

ASTRODIENST EPHEMERIS for the year 1522

geocentric

OCTOBER 1522 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	1 14 45	16 ⁴⁴ 47'42	22 ⁴⁴ 42	29 ⁴⁴ 23	20 ⁴⁴ 2	11 ⁴⁴ 4	18 ⁴⁴ 14	20 ⁴⁴ R36	28 ⁴⁴ R42	3 ⁴⁴ R23	11 ⁴⁴ 16	26 ⁴⁴ H15	25 ⁴⁴ H7	15 ⁴⁴ 10	19 ⁴⁴ R58	W 1
T 2	1 18 41	17 ⁴⁴ 47'17	5 ⁴⁴ 4	0 ⁴⁴ 45	21 ⁴⁴ 15	11 ⁴⁴ 38	18 ⁴⁴ 20	20 ⁴⁴ 34	28 ⁴⁴ 40	3 ⁴⁴ H22	11 ⁴⁴ 16	26 ⁴⁴ 16	25 ⁴⁴ 4	15 ⁴⁴ 17	19 ⁴⁴ 57	T 2
F 3	1 22 38	18 ⁴⁴ 46'54	17 ⁴⁴ 43	2 ⁴⁴ 10	22 ⁴⁴ 28	12 ⁴⁴ 12	18 ⁴⁴ 25	20 ⁴⁴ 33	28 ⁴⁴ 39	3 ⁴⁴ 21	11 ⁴⁴ 17	26 ⁴⁴ 17	25 ⁴⁴ 1	15 ⁴⁴ 24	19 ⁴⁴ 56	F 3
S 4	1 26 34	19 ⁴⁴ 46'32	0 ⁴⁴ 42	3 ⁴⁴ 38	23 ⁴⁴ 41	12 ⁴⁴ 45	18 ⁴⁴ 30	20 ⁴⁴ 32	28 ⁴⁴ 37	3 ⁴⁴ 20	11 ⁴⁴ 18	26 ⁴⁴ R17	24 ⁴⁴ 58	15 ⁴⁴ 30	19 ⁴⁴ 55	S 4
S 5	1 30 31	20 ⁴⁴ 46'13	14 ⁴⁴ 0	5 ⁴⁴ 10	24 ⁴⁴ 54	13 ⁴⁴ 19	18 ⁴⁴ 36	20 ⁴⁴ 30	28 ⁴⁴ 35	3 ⁴⁴ 19	11 ⁴⁴ 18	26 ⁴⁴ 16	24 ⁴⁴ 54	15 ⁴⁴ 37	19 ⁴⁴ 54	S 5
M 6	1 34 27	21 ⁴⁴ 45'56	27 ⁴⁴ 37	6 ⁴⁴ 43	26 ⁴⁴ 7	13 ⁴⁴ 52	18 ⁴⁴ 42	20 ⁴⁴ 29	28 ⁴⁴ 33	3 ⁴⁴ 18	11 ⁴⁴ 19	26 ⁴⁴ 14	24 ⁴⁴ 51	15 ⁴⁴ 44	19 ⁴⁴ 53	M 6
T 7	1 38 24	22 ⁴⁴ 45'40	11 ⁴⁴ 31	8 ⁴⁴ 18	27 ⁴⁴ 20	14 ⁴⁴ 26	18 ⁴⁴ 48	20 ⁴⁴ 28	28 ⁴⁴ 31	3 ⁴⁴ 17	11 ⁴⁴ 20	26 ⁴⁴ 11	24 ⁴⁴ 48	15 ⁴⁴ 51	19 ⁴⁴ 52	T 7
W 8	1 42 20	23 ⁴⁴ 45'27	25 ⁴⁴ 38	9 ⁴⁴ 55	28 ⁴⁴ 32	14 ⁴⁴ 59	18 ⁴⁴ 54	20 ⁴⁴ 28	28 ⁴⁴ 29	3 ⁴⁴ 16	11 ⁴⁴ 20	26 ⁴⁴ 7	24 ⁴⁴ 45	15 ⁴⁴ 57	19 ⁴⁴ 51	W 8
T 9	1 46 17	24 ⁴⁴ 45'16	9 ⁴⁴ 14	11 ⁴⁴ 32	29 ⁴⁴ 45	15 ⁴⁴ 32	19 ⁴⁴ 0	20 ⁴⁴ 27	28 ⁴⁴ 27	3 ⁴⁴ 16	11 ⁴⁴ 21	26 ⁴⁴ 2	24 ⁴⁴ 42	16 ⁴⁴ 4	19 ⁴⁴ 50	T 9
F 10	1 50 14	25 ⁴⁴ 45'07	24 ⁴⁴ 13	13 ⁴⁴ 11	0 ⁴⁴ 58	16 ⁴⁴ 5	19 ⁴⁴ 7	20 ⁴⁴ 26	28 ⁴⁴ 25	3 ⁴⁴ 15	11 ⁴⁴ 22	25 ⁴⁴ 59	24 ⁴⁴ 39	16 ⁴⁴ 11	19 ⁴⁴ 50	F 10
S 11	1 54 10	26 ⁴⁴ 45'01	8 ⁴⁴ 32	14 ⁴⁴ 50	2 ⁴⁴ 11	16 ⁴⁴ 38	19 ⁴⁴ 14	20 ⁴⁴ 26	28 ⁴⁴ 23	3 ⁴⁴ 14	11 ⁴⁴ 22	25 ⁴⁴ 56	24 ⁴⁴ 35	16 ⁴⁴ 17	19 ⁴⁴ 49	S 11
S 12	1 58 7	27 ⁴⁴ 44'56	22 ⁴⁴ 46	16 ⁴⁴ 29	3 ⁴⁴ 23	17 ⁴⁴ 11	19 ⁴⁴ 20	20 ⁴⁴ 25	28 ⁴⁴ 21	3 ⁴⁴ 13	11 ⁴⁴ 23	25 ⁴⁴ D55	24 ⁴⁴ 32	16 ⁴⁴ 24	19 ⁴⁴ 48	S 12
M13	2 2 3	28 ⁴⁴ 44'54	6 ⁴⁴ 54	18 ⁴⁴ 9	4 ⁴⁴ 36	17 ⁴⁴ 43	19 ⁴⁴ 27	20 ⁴⁴ 25	28 ⁴⁴ 19	3 ⁴⁴ 12	11 ⁴⁴ 24	25 ⁴⁴ 55	24 ⁴⁴ 29	16 ⁴⁴ 31	19 ⁴⁴ 48	M13
T 14	2 6 0	29 ⁴⁴ 44'55	20 ⁴⁴ 54	19 ⁴⁴ 49	5 ⁴⁴ 48	18 ⁴⁴ 16	19 ⁴⁴ 34	20 ⁴⁴ 25	28 ⁴⁴ 17	3 ⁴⁴ 12	11 ⁴⁴ 25	25 ⁴⁴ 56	24 ⁴⁴ 26	16 ⁴⁴ 38	19 ⁴⁴ 47	T 14
W15	2 9 56	0 ⁴⁴ 44'57	4 ⁴⁴ 45	21 ⁴⁴ 29	7 ⁴⁴ 1	18 ⁴⁴ 48	19 ⁴⁴ 42	20 ⁴⁴ 24	28 ⁴⁴ 15	3 ⁴⁴ 11	11 ⁴⁴ 26	25 ⁴⁴ 58	24 ⁴⁴ 23	16 ⁴⁴ 44	19 ⁴⁴ 47	W15
T 16	2 13 53	1 ⁴⁴ 45'01	18 ⁴⁴ 27	23 ⁴⁴ 9	8 ⁴⁴ 14	19 ⁴⁴ 20	19 ⁴⁴ 49	20 ⁴⁴ D24	28 ⁴⁴ 13	3 ⁴⁴ 10	11 ⁴⁴ 27	25 ⁴⁴ 59	24 ⁴⁴ 19	16 ⁴⁴ 51	19 ⁴⁴ 47	T 16
F 17	2 17 49	2 ⁴⁴ 45'08	1 ⁴⁴ 58	24 ⁴⁴ 48	9 ⁴⁴ 26	19 ⁴⁴ 52	19 ⁴⁴ 57	20 ⁴⁴ 25	28 ⁴⁴ 11	3 ⁴⁴ 10	11 ⁴⁴ 28	25 ⁴⁴ R59	24 ⁴⁴ 16	16 ⁴⁴ 58	19 ⁴⁴ 46	F 17
S 18	2 21 46	3 ⁴⁴ 45'16	15 ⁴⁴ 18	26 ⁴⁴ 28	10 ⁴⁴ 39	20 ⁴⁴ 24	20 ⁴⁴ 4	20 ⁴⁴ 25	28 ⁴⁴ 8	3 ⁴⁴ 9	11 ⁴⁴ 29	25 ⁴⁴ 57	24 ⁴⁴ 13	17 ⁴⁴ 4	19 ⁴⁴ 46	S 18
S 19	2 25 43	4 ⁴⁴ 45'27	28 ⁴⁴ 25	28 ⁴⁴ 7	11 ⁴⁴ 51	20 ⁴⁴ 56	20 ⁴⁴ 12	20 ⁴⁴ 25	28 ⁴⁴ 6	3 ⁴⁴ 8	11 ⁴⁴ 30	25 ⁴⁴ 54	24 ⁴⁴ 10	17 ⁴⁴ 11	19 ⁴⁴ 46	S 19
M20	2 29 39	5 ⁴⁴ 45'39	11 ⁴⁴ 20	29 ⁴⁴ 46	13 ⁴⁴ 4	21 ⁴⁴ 28	20 ⁴⁴ 20	20 ⁴⁴ 25	28 ⁴⁴ 4	3 ⁴⁴ 8	11 ⁴⁴ 31	25 ⁴⁴ 48	24 ⁴⁴ 7	17 ⁴⁴ 18	19 ⁴⁴ 46	M20
T 21	2 33 36	6 ⁴⁴ 45'53	24 ⁴⁴ 1	1 ⁴⁴ 25	14 ⁴⁴ 16	21 ⁴⁴ 59	20 ⁴⁴ 28	20 ⁴⁴ 26	28 ⁴⁴ 2	3 ⁴⁴ 7	11 ⁴⁴ 32	25 ⁴⁴ 41	24 ⁴⁴ 4	17 ⁴⁴ 25	19 ⁴⁴ D46	T 21
W22	2 37 32	7 ⁴⁴ 46'09	6 ⁴⁴ 28	3 ⁴⁴ 3	15 ⁴⁴ 28	22 ⁴⁴ 30	20 ⁴⁴ 37	20 ⁴⁴ 26	27 ⁴⁴ 59	3 ⁴⁴ 7	11 ⁴⁴ 33	25 ⁴⁴ 33	24 ⁴⁴ 0	17 ⁴⁴ 31	19 ⁴⁴ 46	W22
T 23	2 41 29	8 ⁴⁴ 46'27	18 ⁴⁴ 43	4 ⁴⁴ 41	16 ⁴⁴ 41	23 ⁴⁴ 1	20 ⁴⁴ 45	20 ⁴⁴ 27	27 ⁴⁴ 57	3 ⁴⁴ 6	11 ⁴⁴ 34	25 ⁴⁴ 25	23 ⁴⁴ 57	17 ⁴⁴ 38	19 ⁴⁴ 46	T 23
F 24	2 45 25	9 ⁴⁴ 46'46	0 ⁴⁴ 47	6 ⁴⁴ 18	17 ⁴⁴ 53	23 ⁴⁴ 32	20 ⁴⁴ 54	20 ⁴⁴ 28	27 ⁴⁴ 55	3 ⁴⁴ 6	11 ⁴⁴ 35	25 ⁴⁴ 18	23 ⁴⁴ 54	17 ⁴⁴ 45	19 ⁴⁴ 46	F 24
S 25	2 49 22	10 ⁴⁴ 47'07	12 ⁴⁴ 43	7 ⁴⁴ 56	19 ⁴⁴ 5	24 ⁴⁴ 3	21 ⁴⁴ 2	20 ⁴⁴ 29	27 ⁴⁴ 52	3 ⁴⁴ 5	11 ⁴⁴ 36	25 ⁴⁴ 12	23 ⁴⁴ 51	17 ⁴⁴ 51	19 ⁴⁴ 46	S 25
S 26	2 53 18	11 ⁴⁴ 47'29	24 ⁴⁴ 34	9 ⁴⁴ 33	20 ⁴⁴ 17	24 ⁴⁴ 34	21 ⁴⁴ 11	20 ⁴⁴ 30	27 ⁴⁴ 50	3 ⁴⁴ 5	11 ⁴⁴ 38	25 ⁴⁴ 8	23 ⁴⁴ 48	17 ⁴⁴ 58	19 ⁴⁴ 47	S 26
M27	2 57 15	12 ⁴⁴ 47'53	6 ⁴⁴ 25	11 ⁴⁴ 9	21 ⁴⁴ 30	25 ⁴⁴ 4	21 ⁴⁴ 20	20 ⁴⁴ 31	27 ⁴⁴ 47	3 ⁴⁴ 5	11 ⁴⁴ 39	25 ⁴⁴ 6	23 ⁴⁴ 44	18 ⁴⁴ 5	19 ⁴⁴ 47	M27
T 28	3 1 12	13 ⁴⁴ 48'18	18 ⁴⁴ 21	12 ⁴⁴ 46	22 ⁴⁴ 42	25 ⁴⁴ 35	21 ⁴⁴ 29	20 ⁴⁴ 32	27 ⁴⁴ 45	3 ⁴⁴ 5	11 ⁴⁴ 40	25 ⁴⁴ D6	23 ⁴⁴ 41	18 ⁴⁴ 12	19 ⁴⁴ 47	T 28
W29	3 5 8	14 ⁴⁴ 48'45	0 ⁴⁴ 47	14 ⁴⁴ 22	23 ⁴⁴ 54	26 ⁴⁴ 5	21 ⁴⁴ 39	20 ⁴⁴ 34	27 ⁴⁴ 43	3 ⁴⁴ 4	11 ⁴⁴ 41	25 ⁴⁴ 7	23 ⁴⁴ 38	18 ⁴⁴ 18	19 ⁴⁴ 48	W29
T 30	3 9 5	15 ⁴⁴ 49'12	12 ⁴⁴ 47	15 ⁴⁴ 57	25 ⁴⁴ 6	26 ⁴⁴ 35	21 ⁴⁴ 48	20 ⁴⁴ 35	27 ⁴⁴ 40	3 ⁴⁴ 4	11 ⁴⁴ 43	25 ⁴⁴ 8	23 ⁴⁴ 35	18 ⁴⁴ 25	19 ⁴⁴ 48	T 30
F 31	3 13 1	16 ⁴⁴ 49'41	25 ⁴⁴ 48	17 ⁴⁴ 33	26 ⁴⁴ 18	27 ⁴⁴ 4	21 ⁴⁴ 57	20 ⁴⁴ 36	27 ⁴⁴ 38	3 ⁴⁴ 4	11 ⁴⁴ 44	25 ⁴⁴ R9	23 ⁴⁴ H32	18 ⁴⁴ 32	19 ⁴⁴ 49	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	6s37	16s44	2s55	2n 2	1n57	18s36	0s50	18n47	1n20	22s48	0s33	16s 9	1s34	19n43	0s12	11s 7	0s53	22s45	0n17	1s30	1s57	27s26	8s47	6n24					
T 2	7 0	11 27	1 54	1 32	1 59	18 58	0 53	18 38	1 21	22 48	0 33	16 9	1 34	19 43	0 12	11 7	0 53	22 45	0 17	1 29	1 58	27 25	8 48	6 23					
F 3	7 23	5 35	0 47	0 59	2 1	19 20	0 56	18 29	1 22	22 47	0 33	16 10	1 34	19 43	0 12	11 7	0 53	22 45	0 17	1 29	1 59	27 24	8 49	6 23					
S 4	7 45	0n39	0n24	0 25	2 2	19 42	0 59	18 21	1 23	22 46	0 33	16 10	1 34	19 42	0 12	11 8	0 53	22 45	0 17	1 29	2 0	27 23	8 49	6 23					
S 5	8 8	7 0	1 36	0s11	2 2	20 3	1 2	18 12	1 23	22 45	0 33	16 10	1 34	19 42	0 12	11 8	0 53	22 45	0 17	1 29	2 2	27 22	8 50	6 22					
M 6	8 30	13 12	2 43	0 49	2 1	20 23	1 5	18 3	1 24	22 45	0 33	16 11	1 34	19 41	0 12	11 8	0 53	22 45	0 16	1 30	2 3	27 21	8 51	6 22					
T 7	8 53	18 52	3 43	1 28	2 0	20 43	1 8	17 54	1 25	22 44	0 33	16 11	1 34	19 41	0 12	11 9	0 53	22 45	0 16	1 31	2 4	27 20	8 51	6 21					
W 8	9 15	23 35	4 30	2 8	1 57	21 2	1 11	17 46	1 26	22 43	0 33	16 11	1 34	19 41	0 12	11 9	0 53	22 45	0 16	1 33	2 6	27 19	8 52	6 21					
T 9	9 37	26 56	5 0	2 49	1 54	21 21	1 14	17 37	1 27	22 42	0 33	16 11	1 33	19 40	0 12	11 9	0 53	22 45	0 16	1 35	2 7	27 18	8 53	6 21					
F 10	9 59	28 35	5 12	3 31	1 51	21 39	1 16	17 28	1 28	22 41	0 33	16 11	1 33	19 40	0 12	11 10	0 53	22 45	0 16	1 36	2 8	27 16	8 53	6 20					
S 11	10 20	28 18	5 5	4 13	1 47	21 57	1 19	17 19	1 29	22 40	0 33	16 12	1 33	19 39	0 12	11 10	0 53	22 45	0 16	1 37	2 9	27 15	8 54	6 20					
S 12	10 42	26 9	4 39	4 55	1 43	22 14	1 22	17 10	1 30	22 39	0 33	16 12	1 33	19 39	0 12	11 10	0 53	22 45	0 16	1 38	2 11	27 14	8 54	6 19					
M13	11 4	22 24	3 56	5 37	1 38	22 30	1 25	17 1	1 31	22 38	0 33	16 12	1 33	19 38	0 12	11 10	0 53	22 45	0 16	1 38	2 12	27 13	8 55	6 19					
T 14	11 25	17 24	3 0	6 20	1 33	22 46	1 27	16 52	1 32	22 37	0 33	16 12	1 33	19 38	0 12	11 11	0 53	22 45	0 16	1 37	2 13	27 12	8 56	6 18					
W15	11 46	11 33	1 53	7 2	1 28	23 1	1 30	16 42	1 33	22 36	0 33	16 12	1 33	19 37	0 12	11 11	0 52	22 45	0 16	1 37	2 14	27 10	8 56	6 18					
T 16	12 7	5 13	0 41	7 45	1 22	23 16	1 33	16 33	1 34	22 35	0 33	16 11	1 33	19 37	0 12	11 11	0 52	22 45	0 15	1 36	2 16	27 9	8 57	6 18					
F 17	12 28	1s17	0s32	8 27	1 17	23 30	1 35	16 24	1 35	22 34	0 33	16 11	1 33	19 37	0 12	11 11	0 52	22 45	0 15	1 36	2 17	27 8	8 57	6 17					
S 18	12 48	7 37	1 43	9 8	1 11	23 43	1 38	16 15	1 36	22 33	0 33	16 11	1 33	19 36	0 12	11 12	0 52	22 45	0 15	1 37	2 18	27 7	8 58	6 17					
S 19	13 9	13 32	2 47	9 50	1 4	23 56	1 40	16 6	1 37	22 32	0 33	16 11	1 33	19 36	0 12	11 12	0 52	22 45	0 15	1 38	2 19	27 6	8 58	6 16					
M20	13 29	18 46	3 41	10 31	0 58	24 8	1 43	15 56	1 38	22 30	0 33	16 11	1 33	19 35	0 12	11 12	0 52	22 45	0 15	1 40	2 21	27 4	8 59	6 16					
T 21	13 49	23 4	4 23	11 11	0 52	24 19	1 45	15 47	1 39	22 29	0 33	16 11	1 32	19 34	0 12	11 12	0 52	22 45	0 15	1 43	2 22	27 3	8 59	6 15					
W22	14 8	26 14	4 51	11 51	0 45	24 29	1 48	15 38	1 40	22 28	0 33	16 10	1 32	19 34	0 12	11 12	0 52	22 45	0 15	1 46	2 23	27 2	8 59	6 15					
T 23	14 28	28 6	5 6	12 31	0 39	24 39	1 50	15 29	1 42	22 27	0 33	16 10	1 32	19 33	0 12	11 12	0 52	22 45	0 15	1 50	2 24	27 1	9 0	6 14					
F 24	14 47	28 37	5 7	13 9	0 32	24 49	1 52	15 19	1 43	22 25	0 33	16 10	1 32	19 33	0 12	11 13	0 52	22 45	0 15	1 52	2 26	26 59	9 0	6 14					
S 25	15 6	27 46	4 54	13 48	0 25	24 57	1 54	15 10	1 44	22 24	0 33	16 9	1 32	19 32	0 12	11 13	0 52	22 45	0 15	1 55	2 27	26 58	9 1	6 14					
S 26	15 25	25 40	4 29	14 25	0 19	25 5	1 56	15 1	1 45	22 23	0 33	16 9	1 32	19 32	0 12	11 13	0 52	22 45	0 14	1 56	2 28	26 57	9 1	6 13					
M27	15 43	22 28	3 52	15 2	0 12	25 12	1 58	14 52	1 46	22 21	0 33	16 8	1 32	19 31	0 12	11 13	0 52	22 45	0 14	1 57	2 30	26 56	9 1	6 13					
T 28	16 2	18 18	3 5	15 38	0 5	25 18	2 0	14 42	1 47	22 20	0 33	16 8	1 32	19 31	0 12	11 13	0 52	22 45	0 14	1 57	2 31	26 54	9 1	6 12					
W29	16 19	13 21	2 9	16 13	0s 2	25 24	2 2	14 33	1 48	22 18	0 33	16 7	1 32	19 30	0 12	11 13	0 52	22 45	0 14	1 57	2 32	26 53	9 2	6 11					
T 30	16 37	7 48	1 6	16 47	0 8	25 29	2 4	14 24	1 49	22 17	0 33	16 7	1 32	19 30	0 12	11 13	0 52	22 45	0 14	1 56	2 33	26 52	9 2	6 11					
F 31	16s55	1s47	0n 2	17s21	0s15	25s33	2s 6	14n15	1n50	22s15	0s33	16s 6	1s32	19n29	0s12	11s13	0s52	22s45	0n14	1s56	2s35	26s50	9s 2	6n11					

ASTRODIENST EPHEMERIS for the year 1522
geocentric

NOVEMBER 1522 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	3 16 58	17 ¹¹ 50'12	8 ¹⁷ 33	19 ¹¹ 8	27 ¹⁷ 30	27 ¹¹ 34	22 ²² 7	20 ²² 38	27 ¹⁷ 35	3 ¹⁷ 4	11 ¹¹ 45	25 ¹⁷ 8	23 ¹¹ 29	18 ¹¹ 38	19 ¹¹ 50	S 1
S 2	3 20 54	18 ¹¹ 50'44	22 ¹¹ 2	20 ¹¹ 43	28 ¹¹ 41	28 ¹¹ 3	22 ¹¹ 17	20 ¹¹ 40	27 ¹¹ 33	3 ¹¹ 4	11 ¹¹ 47	25 ¹¹ 5	23 ¹¹ 25	18 ¹¹ 45	19 ¹¹ 50	S 2
M 3	3 24 51	19 ¹¹ 51'17	5 ¹¹ 58	22 ¹¹ 17	29 ¹¹ 53	28 ¹¹ 32	22 ¹¹ 27	20 ¹¹ 42	27 ¹¹ 30	3 ¹¹ 3	11 ¹¹ 48	24 ¹¹ 59	23 ¹¹ 22	18 ¹¹ 52	19 ¹¹ 51	M 3
T 4	3 28 47	20 ¹¹ 51'52	20 ¹¹ 15	23 ¹¹ 52	1 ¹¹ 3	29 ¹¹ 1	22 ¹¹ 37	20 ¹¹ 44	27 ¹¹ 28	3 ¹¹ 3	11 ¹¹ 49	24 ¹¹ 52	23 ¹¹ 19	18 ¹¹ 58	19 ¹¹ 52	T 4
W 5	3 32 44	21 ¹¹ 52'28	4 ¹¹ 11	25 ¹¹ 26	2 ¹¹ 17	29 ¹¹ 30	22 ¹¹ 47	20 ¹¹ 46	27 ¹¹ 25	3 ¹¹ 3	11 ¹¹ 51	24 ¹¹ 43	23 ¹¹ 16	19 ¹¹ 5	19 ¹¹ 53	W 5
T 6	3 36 41	22 ¹¹ 53'06	19 ¹¹ 36	27 ¹¹ 0	3 ¹¹ 28	29 ¹¹ 59	22 ¹¹ 57	20 ¹¹ 48	27 ¹¹ 23	3 ¹¹ 3	11 ¹¹ 52	24 ¹¹ 33	23 ¹¹ 13	19 ¹¹ 12	19 ¹¹ 54	T 6
F 7	3 40 37	23 ¹¹ 53'46	4 ¹¹ 23	28 ¹¹ 34	4 ¹¹ 40	0 ¹¹ 27	23 ¹¹ 7	20 ¹¹ 50	27 ¹¹ 20	3 ¹¹ 3	11 ¹¹ 54	24 ¹¹ 25	23 ¹¹ 10	19 ¹¹ 19	19 ¹¹ 55	F 7
S 8	3 44 34	24 ¹¹ 54'27	19 ¹¹ 3	0 ¹¹ 8	5 ¹¹ 51	0 ¹¹ 56	23 ¹¹ 18	20 ¹¹ 52	27 ¹¹ 18	3 ¹¹ 4	11 ¹¹ 55	24 ¹¹ 18	23 ¹¹ 6	19 ¹¹ 25	19 ¹¹ 56	S 8
S 9	3 48 30	25 ¹¹ 55'10	3 ¹¹ 32	1 ¹¹ 41	7 ¹¹ 3	1 ¹¹ 24	23 ¹¹ 28	20 ¹¹ 55	27 ¹¹ 15	3 ¹¹ 4	11 ¹¹ 57	24 ¹¹ 13	23 ¹¹ 3	19 ¹¹ 32	19 ¹¹ 57	S 9
M10	3 52 27	26 ¹¹ 55'54	17 ¹¹ 45	3 ¹¹ 15	8 ¹¹ 14	1 ¹¹ 51	23 ¹¹ 39	20 ¹¹ 57	27 ¹¹ 13	3 ¹¹ 4	11 ¹¹ 58	24 ¹¹ 11	23 ¹¹ 0	19 ¹¹ 39	19 ¹¹ 59	M10
T 11	3 56 23	27 ¹¹ 56'40	1 ¹¹ 41	4 ¹¹ 48	9 ¹¹ 25	2 ¹¹ 19	23 ¹¹ 49	21 ¹¹ 0	27 ¹¹ 10	3 ¹¹ 4	12 ¹¹ 0	24 ¹¹ D11	22 ¹¹ 57	19 ¹¹ 45	20 ¹¹ 0	T 11
W12	4 0 20	28 ¹¹ 57'27	15 ¹¹ 20	6 ¹¹ 21	10 ¹¹ 36	2 ¹¹ 46	24 ¹¹ 0	21 ¹¹ 3	27 ¹¹ 8	3 ¹¹ 4	12 ¹¹ 1	24 ¹¹ 11	22 ¹¹ 54	19 ¹¹ 52	20 ¹¹ 1	W12
T 13	4 4 17	29 ¹¹ 58'16	28 ¹¹ 43	7 ¹¹ 54	11 ¹¹ 48	3 ¹¹ 13	24 ¹¹ 11	21 ¹¹ 5	27 ¹¹ 5	3 ¹¹ 4	12 ¹¹ 3	24 ¹¹ R11	22 ¹¹ 50	19 ¹¹ 59	20 ¹¹ 3	T 13
F 14	4 8 13	0 ¹¹ 59'07	11 ¹¹ 42	9 ¹¹ 27	12 ¹¹ 59	3 ¹¹ 40	24 ¹¹ 22	21 ¹¹ 8	27 ¹¹ 2	3 ¹¹ 5	12 ¹¹ 5	24 ¹¹ 10	22 ¹¹ 47	20 ¹¹ 6	20 ¹¹ 4	F 14
S 15	4 12 10	1 ¹¹ 59'59	24 ¹¹ 49	11 ¹¹ 0	14 ¹¹ 10	4 ¹¹ 7	24 ¹¹ 33	21 ¹¹ 11	27 ¹¹ 0	3 ¹¹ 5	12 ¹¹ 6	24 ¹¹ 6	22 ¹¹ 44	20 ¹¹ 12	20 ¹¹ 6	S 15
S 16	4 16 6	3 ¹¹ 0'52	7 ¹¹ 36	12 ¹¹ 33	15 ¹¹ 20	4 ¹¹ 33	24 ¹¹ 45	21 ¹¹ 14	26 ¹¹ 57	3 ¹¹ 5	12 ¹¹ 8	23 ¹¹ 59	22 ¹¹ 41	20 ¹¹ 19	20 ¹¹ 7	S 16
M17	4 20 3	4 ¹¹ 1'47	20 ¹¹ 11	14 ¹¹ 6	16 ¹¹ 31	4 ¹¹ 59	24 ¹¹ 56	21 ¹¹ 18	26 ¹¹ 55	3 ¹¹ 6	12 ¹¹ 10	23 ¹¹ 49	22 ¹¹ 38	20 ¹¹ 26	20 ¹¹ 9	M17
T 18	4 23 59	5 ¹¹ 2'43	2 ¹¹ 37	15 ¹¹ 39	17 ¹¹ 42	5 ¹¹ 25	25 ¹¹ 8	21 ¹¹ 21	26 ¹¹ 52	3 ¹¹ 6	12 ¹¹ 11	23 ¹¹ 37	22 ¹¹ 35	20 ¹¹ 32	20 ¹¹ 11	T 18
W19	4 27 56	6 ¹¹ 3'40	14 ¹¹ 54	17 ¹¹ 11	18 ¹¹ 53	5 ¹¹ 51	25 ¹¹ 19	21 ¹¹ 24	26 ¹¹ 50	3 ¹¹ 7	12 ¹¹ 13	23 ¹¹ 23	22 ¹¹ 31	20 ¹¹ 39	20 ¹¹ 13	W19
T 20	4 31 52	7 ¹¹ 4'38	27 ¹¹ 1	18 ¹¹ 44	20 ¹¹ 3	6 ¹¹ 16	25 ¹¹ 31	21 ¹¹ 28	26 ¹¹ 47	3 ¹¹ 7	12 ¹¹ 15	23 ¹¹ 9	22 ¹¹ 28	20 ¹¹ 46	20 ¹¹ 14	T 20
F 21	4 35 49	8 ¹¹ 5'37	9 ¹¹ 3	20 ¹¹ 16	21 ¹¹ 14	6 ¹¹ 41	25 ¹¹ 42	21 ¹¹ 31	26 ¹¹ 45	3 ¹¹ 8	12 ¹¹ 16	22 ¹¹ 56	22 ¹¹ 25	20 ¹¹ 53	20 ¹¹ 16	F 21
S 22	4 39 46	9 ¹¹ 6'36	20 ¹¹ 54	21 ¹¹ 48	22 ¹¹ 24	7 ¹¹ 6	25 ¹¹ 54	21 ¹¹ 35	26 ¹¹ 43	3 ¹¹ 8	12 ¹¹ 18	22 ¹¹ 45	22 ¹¹ 22	20 ¹¹ 59	20 ¹¹ 18	S 22
S 23	4 43 42	10 ¹¹ 7'37	2 ¹¹ 43	23 ¹¹ 20	23 ¹¹ 34	7 ¹¹ 30	26 ¹¹ 6	21 ¹¹ 39	26 ¹¹ 40	3 ¹¹ 9	12 ¹¹ 20	22 ¹¹ 37	22 ¹¹ 19	21 ¹¹ 6	20 ¹¹ 20	S 23
M24	4 47 39	11 ¹¹ 8'38	14 ¹¹ 32	24 ¹¹ 52	24 ¹¹ 44	7 ¹¹ 54	26 ¹¹ 18	21 ¹¹ 42	26 ¹¹ 38	3 ¹¹ 9	12 ¹¹ 22	22 ¹¹ 31	22 ¹¹ 16	21 ¹¹ 13	20 ¹¹ 22	M24
T 25	4 51 35	12 ¹¹ 9'40	26 ¹¹ 25	26 ¹¹ 23	25 ¹¹ 54	8 ¹¹ 18	26 ¹¹ 30	21 ¹¹ 46	26 ¹¹ 35	3 ¹¹ 10	12 ¹¹ 24	22 ¹¹ 28	22 ¹¹ 12	21 ¹¹ 19	20 ¹¹ 24	T 25
W26	4 55 32	13 ¹¹ 10'42	8 ¹¹ 27	27 ¹¹ 54	27 ¹¹ 4	8 ¹¹ 42	26 ¹¹ 42	21 ¹¹ 50	26 ¹¹ 33	3 ¹¹ 11	12 ¹¹ 25	22 ¹¹ 27	22 ¹¹ 9	21 ¹¹ 26	20 ¹¹ 27	W26
T 27	4 59 28	14 ¹¹ 11'45	20 ¹¹ 43	29 ¹¹ 25	28 ¹¹ 14	9 ¹¹ 5	26 ¹¹ 55	21 ¹¹ 54	26 ¹¹ 30	3 ¹¹ 12	12 ¹¹ 27	22 ¹¹ 27	22 ¹¹ 6	21 ¹¹ 33	20 ¹¹ 29	T 27
F 28	5 3 25	15 ¹¹ 12'48	3 ¹¹ 19	0 ¹¹ 55	29 ¹¹ 24	9 ¹¹ 28	27 ¹¹ 7	21 ¹¹ 59	26 ¹¹ 28	3 ¹¹ 12	12 ¹¹ 29	22 ¹¹ 27	22 ¹¹ 3	21 ¹¹ 39	20 ¹¹ 31	F 28
S 29	5 7 21	16 ¹¹ 13'52	16 ¹¹ 19	2 ¹¹ 25	0 ¹¹ 33	9 ¹¹ 51	27 ¹¹ 19	22 ¹¹ 3	26 ¹¹ 26	3 ¹¹ 13	12 ¹¹ 31	22 ¹¹ 25	22 ¹¹ 0	21 ¹¹ 46	20 ¹¹ 34	S 29
S 30	5 11 18	17 ¹¹ 14'56	29 ¹¹ 48	3 ¹¹ 54	1 ¹¹ 43	10 ¹¹ 13	27 ¹¹ 32	22 ¹¹ 7	26 ¹¹ 23	3 ¹¹ 14	12 ¹¹ 33	22 ¹¹ 21	21 ¹¹ 56	21 ¹¹ 53	20 ¹¹ 36	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s12	4n29	1n11	17s54	0s22	25s36	2s 8	14n 6	1n51	22s14	0s33	16s 6	1s31	19n29	0s12	11s13	0s52	22s45	0n14	1s56	2s36	26s49	9s 2	6n10			
S 2	17 28	10 45	2 19	18 26	0 28	25 39	2 9	13 56	1 53	22 12	0 33	16 5	1 31	19 28	0 12	11 13	0 52	22 45	0 14	1 58	2 37	26 48	9 3	6 10			
M 3	17 45	16 42	3 20	18 57	0 35	25 41	2 11	13 47	1 54	22 11	0 33	16 4	1 31	19 27	0 12	11 13	0 52	22 45	0 14	2 0	2 38	26 46	9 3	6 9			
T 4	18 1	21 53	4 11	19 27	0 41	25 42	2 12	13 38	1 55	22 9	0 33	16 4	1 31	19 27	0 12	11 13	0 52	22 45	0 14	2 3	2 40	26 45	9 3	6 9			
W 5	18 17	25 51	4 46	19 56	0 47	25 43	2 14	13 29	1 56	22 7	0 33	16 3	1 31	19 26	0 12	11 13	0 52	22 45	0 13	2 6	2 41	26 44	9 3	6 9			
T 6	18 33	28 8	5 3	20 24	0 53	25 42	2 15	13 20	1 57	22 6	0 33	16 2	1 31	19 26	0 12	11 13	0 52	22 45	0 13	2 10	2 42	26 42	9 3	6 8			
F 7	18 48	28 25	5 0	20 52	0 59	25 41	2 16	13 11	1 58	22 4	0 34	16 1	1 31	19 25	0 12	11 13	0 52	22 45	0 13	2 14	2 43	26 41	9 3	6 8			
S 8	19 3	26 42	4 36	21 18	1 5	25 39	2 17	13 2	2 0	22 2	0 34	16 1	1 31	19 25	0 12	11 13	0 52	22 45	0 13	2 16	2 45	26 40	9 3	6 7			
S 9	19 17	23 14	3 56	21 43	1 11	25 37	2 18	12 53	2 1	22 1	0 34	16 0	1 31	19 24	0 12	11 13	0 52	22 45	0 13	2 18	2 46	26 38	9 3	6 7			
M10	19 31	18 26	3 1	22 7	1 17	25 34	2 19	12 44	2 2	21 59	0 34	15 59	1 31	19 24	0 12	11 13	0 52	22 45	0 13	2 19	2 47	26 37	9 3	6 7			
T 11	19 45	12 43	1 57	22 30	1 22	25 30	2 20	12 36	2 3	21 57	0 34	15 58	1 31	19 23	0 12	11 13	0 52	22 45	0 13	2 19	2 48	26 35	9 3	6 6			
W12	19 59	6 31	0 47	22 52	1 27	25 25	2 21	12 27	2 4	21 55	0 34	15 57	1 30	19 22	0 12	11 13	0 52	22 45	0 13	2 19	2 50	26 34	9 3	6 6			
T 13	20 12	0 9	0s24	23 12	1 33	25 19	2 21	12 18	2 6	21 53	0 34	15 56	1 30	19 22	0 12	11 13	0 52	22 45	0 13	2 19	2 51	26 33	9 3	6 5			
F 14	20 25	6s 7	1 33	23 32	1 37	25 13	2 22	12 9	2 7	21 51	0 34	15 55	1 30	19 21	0 12	11 13	0 52	22 45	0 13	2 19	2 52	26 31	9 3	6 5			
S 15	20 37	12 2	2 35	23 50	1 42	25 6	2 22	12 1	2 8	21 49	0 34	15 54	1 30	19 21	0 12	11 12	0 52	22 45	0 12	2 21	2 53	26 30	9 3	6 4			
S 16	20 49	17 22	3 29	24 7	1 47	24 59	2 23	11 52	2 9	21 47	0 34	15 53	1 30	19 20	0 12	11 12	0 52	22 45	0 12	2 24	2 55	26 28	9 3	6 4			
M17	21 1	21 52	4 11	24 23	1 51	24 51	2 23	11 44	2 11	21 45	0 34	15 52	1 30	19 20	0 12	11 12	0 52	22 45	0 12	2 28	2 56	26 27	9 3	6 4			
T 18	21 12	25 20	4 41	24 38	1 55	24 42	2 23	11 36	2 12	21 43	0 34	15 51	1 30	19 19	0 12	11 12	0 52	22 44	0 12	2 32	2 57	26 25	9 3	6 3			
W19	21 23	27 34	4 57	24 51	1 59	24 32	2 23	11 27	2 13	21 41	0 34	15 49	1 30	19 18	0 12	11 12	0 52	22 44	0 12	2 38	2 58	26 24	9 3	6 3			
T 20	21 33	28 28	5 0	25 3	2 2	24 22	2 23	11 19	2 15	21 39	0 34	15 48	1 30	19 18	0 12	11 12	0 52	22 44	0 12	2 43	3 0	26 22	9 3	6 2			
F 21	21 43	28 0	4 49	25 14	2 5	24 10	2 23	11 11	2 16	21 37	0 34	15 47	1 30	19 17	0 12	11 11	0 52	22 44	0 12	2 49	3 1	26 21	9 2	6 2			
S 22	21 53	26 15	4 26	25 23	2 8	23 59	2 23	11 3	2 17	21 35	0 34	15 46	1 30	19 17	0 12	11 11	0 52	22 44	0 12	2 53	3 2	26 19	9 2	6 2			
S 23	22 2	23 21	3 51	25 30	2 10	23 46	2 22	10 55	2 19	21 32	0 34	15 44	1 30	19 16	0 12	11 11	0 52	22 44	0 12	2 56	3 3	26 18	9 2	6 1			
M24	22 10	19 29	3 6	25 37	2 13	23 33	2 22	10 47	2 20	21 30	0 34	15 43	1 29	19 16	0 12	11 11	0 52	22 44	0 12	2 59	3 5	26 16	9 2	6 1			
T 25	22 19	14 50	2 13	25 41	2 14	23 20	2 21	10 40	2 21	21 28	0 34	15 42	1 29	19 15	0 12	11 10	0 52	22 44	0 12	3 0	3 6	26 15	9 1	6 0			
W26	22 27	9 34	1 13	25 45	2 16	23 6	2 20	10 32	2 23	21 26	0 34	15 40	1 29	19 15	0 12	11 10	0 52	22 44	0 11	3 0	3 7	26 13	9 1	6 0			
T 27	22 34	3 50	0 9	25 47	2 16	22 51	2 19	10 25	2 24	21 23	0 34	15 39	1 29	19 14	0 12	11 10	0 52	22 44	0 11	3 0	3 9	26 12	9 1	6 0			
F 28	22 41	2n12	0n57	25 47	2 17	22 35	2 18	10 17	2 25	21 21	0 34	15 38	1 29	19 13	0 12	11 10	0 52	22 44	0 11	3 0	3 10	26 10	9 0	5 59			
S 29	22 47	8 19	2 3	25 46	2 17	22 19	2 17	10 10	2 27	21 18	0 34	15 36	1 29	19 13	0 12	11 9	0 52	22 44	0 11	3 1	3 11	26 9	9 0	5 59			
S 30	22s53	14n18	3n 4	25s43	2s16	22s 2	2s16	10n 3	2n28	21s16	0s34	15s35	1s29	19n12	0s12	11s 9	0s52	22s44	0n11	3s 3	3s12	26s 7	9s 0	5n58			

ASTRODIENST EPHEMERIS for the year 1522
geocentric

DECEMBER 1522 JC

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
M 1	5 15 15	18°16'00	13°47	5°21	2°52	10°35	27°44	22°11	26°R21	3°15	12°35	22°R14	21°53	22°0	20°38	M 1
T 2	5 19 11	19°17'06	28°15	6°48	4° 1	10°56	27°57	22°16	26°B19	3°16	12°37	22°H 4	21°50	22° 6	20°41	T 2
W 3	5 23 8	20°18'11	13°II 6	8°14	5°10	11°18	28°10	22°21	26°17	3°17	12°38	21°53	21°47	22°13	20°43	W 3
T 4	5 27 4	21°19'17	28°12	9°38	6°19	11°39	28°22	22°25	26°14	3°18	12°40	21°41	21°44	22°20	20°46	T 4
F 5	5 31 1	22°20'24	13°E24	11° 0	7°27	11°59	28°35	22°30	26°12	3°19	12°42	21°30	21°41	22°26	20°49	F 5
S 6	5 34 57	23°21'31	28°29	12°20	8°36	12°19	28°48	22°35	26°10	3°20	12°44	21°21	21°37	22°33	20°51	S 6
S 7	5 38 54	24°22'39	13°Q20	13°38	9°44	12°39	29° 1	22°40	26° 8	3°21	12°46	21°14	21°34	22°40	20°54	S 7
M 8	5 42 51	25°23'48	27°49	14°52	10°52	12°59	29°14	22°44	26° 6	3°22	12°48	21°10	21°31	22°47	20°57	M 8
T 9	5 46 47	26°24'57	11°P54	16° 3	12° 0	13°18	29°27	22°49	26° 4	3°23	12°50	21° 9	21°28	22°53	21° 0	T 9
W10	5 50 44	27°26'06	25°35	17°10	13° 8	13°36	29°40	22°55	26° 2	3°24	12°52	21° 9	21°25	23° 0	21° 3	W10
T 11	5 54 40	28°27'17	8°A54	18°12	14°15	13°54	29°53	23° 0	26° 0	3°25	12°54	21° 9	21°22	23° 7	21° 6	T 11
F 12	5 58 37	29°28'27	21°54	19° 9	15°23	14°12	0°A 7	23° 5	25°58	3°26	12°56	21° 7	21°18	23°13	21° 9	F 12
S 13	6 2 33	0°Z9'39	4°M38	19°59	16°30	14°29	0°20	23°10	25°56	3°28	12°58	21° 3	21°15	23°20	21°12	S 13
S 14	6 6 30	1°30'50	17° 8	20°43	17°37	14°46	0°33	23°16	25°54	3°29	13° 0	20°56	21°12	23°27	21°15	S 14
M15	6 10 26	2°32'02	29°28	21°18	18°44	15° 3	0°47	23°21	25°52	3°30	13° 2	20°46	21° 9	23°33	21°18	M15
T 16	6 14 23	3°33'15	11°A40	21°45	19°50	15°19	1° 0	23°26	25°50	3°32	13° 4	20°33	21° 6	23°40	21°21	T 16
W17	6 18 20	4°34'27	23°45	22° 2	20°57	15°34	1°14	23°32	25°48	3°33	13° 6	20°19	21° 2	23°47	21°24	W17
T 18	6 22 16	5°35'40	5°B44	22°R 8	22° 3	15°49	1°27	23°38	25°46	3°34	13° 8	20° 4	20°59	23°54	21°27	T 18
F 19	6 26 13	6°36'52	17°38	22° 3	23° 8	16° 3	1°41	23°43	25°45	3°36	13°10	19°50	20°56	24° 0	21°31	F 19
S 20	6 30 9	7°38'05	29°29	21°46	24°14	16°17	1°54	23°49	25°43	3°37	13°12	19°39	20°53	24° 7	21°34	S 20
S 21	6 34 6	8°39'17	11°A18	21°18	25°19	16°31	2° 8	23°55	25°41	3°39	13°14	19°29	20°50	24°14	21°37	S 21
M22	6 38 2	9°40'29	23° 8	20°37	26°24	16°44	2°22	24° 1	25°40	3°40	13°16	19°23	20°47	24°20	21°41	M22
T 23	6 41 59	10°41'40	5°H 1	19°46	27°29	16°56	2°36	24° 7	25°38	3°42	13°18	19°20	20°43	24°27	21°44	T 23
W24	6 45 55	11°42'51	17° 2	18°45	28°34	17° 8	2°49	24°13	25°36	3°43	13°20	19°D19	20°40	24°34	21°48	W24
T 25	6 49 52	12°44'01	29°16	17°36	29°38	17°19	3° 3	24°19	25°35	3°45	13°22	19°19	20°37	24°40	21°51	T 25
F 26	6 53 49	13°45'11	11°Y47	16°21	0°H42	17°30	3°17	24°25	25°33	3°46	13°24	19°R19	20°34	24°47	21°55	F 26
S 27	6 57 45	14°46'20	24°41	15° 2	1°45	17°40	3°31	24°31	25°32	3°48	13°26	19°19	20°31	24°54	21°58	S 27
S 28	7 1 42	15°47'29	8°B 1	13°43	2°48	17°49	3°45	24°37	25°31	3°50	13°28	19°17	20°28	25° 1	22° 2	S 28
M29	7 5 38	16°48'37	21°E2	12°25	3°51	17°58	3°59	24°43	25°29	3°51	13°30	19°12	20°24	25° 7	22° 5	M29
T 30	7 9 35	17°49'44	6°II12	11°10	4°53	18° 7	4°13	24°49	25°28	3°53	13°33	19° 5	20°21	25°14	22° 9	T 30
W31	7 13 31	18°50'51	21°II 0	10°B 2	5°H56	18°P14	4°A27	24°A56	25°B27	3°H55	13°B35	18°H56	20°H18	25°B21	22°A13	W31

Day	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	22s59	19n46	3n56	25s39	2s15	21s45	2s15	9n56	2n30	21s14	0s34	15s33	1s29	19n12
T 2	23 4	24 17	4 35	25 33	2 13	21 28	2 13	9 49	2 31	21 11	0 34	15 32	1 29	19 11
W 3	23 9	27 20	4 56	25 25	2 11	21 9	2 12	9 42	2 33	21 9	0 34	15 30	1 29	19 11
T 4	23 13	28 27	4 58	25 16	2 8	20 50	2 10	9 35	2 34	21 6	0 34	15 28	1 29	19 10
F 5	23 17	27 27	4 39	25 6	2 4	20 31	2 8	9 29	2 36	21 3	0 34	15 27	1 29	19 10
S 6	23 20	24 26	4 0	24 54	1 59	20 11	2 6	9 22	2 37	21 1	0 34	15 25	1 29	19 9
S 7	23 23	19 49	3 5	24 41	1 54	19 51	2 4	9 16	2 39	20 58	0 34	15 24	1 29	19 9
M 8	23 25	14 8	2 0	24 27	1 47	19 30	2 2	9 10	2 40	20 56	0 34	15 22	1 28	19 8
T 9	23 27	7 52	0 49	24 11	1 40	19 9	1 59	9 4	2 42	20 53	0 34	15 20	1 28	19 8
W10	23 29	1 24	0s23	23 55	1 32	18 47	1 57	8 58	2 43	20 50	0 34	15 18	1 28	19 7
T 11	23 30	4s57	1 32	23 37	1 22	18 25	1 54	8 53	2 45	20 47	0 34	15 17	1 28	19 7
F 12	23 30	10 57	2 35	23 19	1 12	18 2	1 51	8 47	2 46	20 45	0 35	15 15	1 28	19 6
S 13	23 30	16 21	3 28	23 0	1 0	17 39	1 48	8 42	2 48	20 42	0 35	15 13	1 28	19 6
S 14	23 30	20 59	4 10	22 41	0 47	17 16	1 45	8 37	2 50	20 39	0 35	15 11	1 28	19 6
M15	23 29	24 39	4 40	22 21	0 33	16 52	1 42	8 32	2 51	20 36	0 35	15 9	1 28	19 5
T 16	23 27	27 8	4 56	22 2	0 18	16 28	1 39	8 27	2 53	20 33	0 35	15 8	1 28	19 5
W17	23 25	28 20	4 59	21 44	0 2	16 4	1 35	8 23	2 54	20 30	0 35	15 6	1 28	19 4
T 18	23 23	28 12	4 49	21 26	0n15	15 39	1 32	8 19	2 56	20 27	0 35	15 4	1 28	19 4
F 19	23 20	26 44	4 26	21 8	0 34	15 14	1 28	8 15	2 58	20 24	0 35	15 2	1 28	19 3
S 20	23 17	24 5	3 52	20 52	0 52	14 48	1 24	8 11	2 59	20 21	0 35	15 0	1 28	19 3
S 21	23 13	20 26	3 7	20 38	1 12	14 22	1 20	8 7	3 1	20 18	0 35	14 58	1 28	19 3
M22	23 9	15 58	2 14	20 25	1 31	13 56	1 16	8 3	3 3	20 15	0 35	14 56	1 28	19 2
T 23	23 4	10 52	1 15	20 14	1 50	13 30	1 12	8 0	3 5	20 12	0 35	14 54	1 28	19 2
W24	22 59	5 19	0 12	20 4	2 8	13 4	1 7	7 57	3 6	20 9	0 35	14 52	1 28	19 2
T 25	22 54	0n31	0n53	19 56	2 26	12 37	1 3	7 54	3 8	20 6	0 35	14 50	1 28	19 1
F 26	22 47	6 28	1 57	19 50	2 41	12 10	0 58	7 52	3 10	20 3	0 35	14 48	1 28	19 1
S 27	22 41	12 19	2 57	19 46	2 55	11 43	0 53	7 49	3 11	20 0	0 35	14 46	1 28	19 1
S 28	22 34	17 50	3 49	19 43	3 6	11 15	0 48	7 47	3 13	19 56	0 35	14 44	1 28	19 0
M29	22 27	22 38	4 31	19 41	3 15	10 48	0 43	7 45	3 15	19 53	0 35	14 41	1 28	19 0
T 30	22 19	26 16	4 57	19 41	3 21	10 20	0 38	7 44	3 17	19 50	0 35	14 39	1 28	19 0
W31	22s10	28n15	5n 4	19s43	3n25	9s52	0s32	7n42	3n19	19s46	0s35	14s37	1s28	18n59

Julian Day Number = 2277302.5, Delta T = 240.55 sec
Ecliptic obliquity = 23°30'13", Nutation = 0°00'01", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°05'00, Lahiri = 17°12'01 Julian Calendar 1 Dec. 1522 == Greg. Calendar 11 Dec. 1522