



Astrodienst Ephemeris Tables for the year 1492

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 1492

geocentric

FEBRUARY 1492 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	9 17 46	20 ⁵⁰ 18	26 ³⁸ 38	20 ¹⁷ 17	26 ¹⁶ 16	2 ³³ 33	0°R24	12 ⁵ 5	25 ¹⁸ 18	28 ⁵⁶ 56	4°R43	17°R49	18 ¹³ 13	27 ¹⁶ 16	28 ⁴⁵ 45	W 1
T 2	9 21 42	21°50'50	10 ⁴⁸ 48	22° 6	27°31	3°20	0 ²¹ 21	12°13	25°21	28°58	4 ⁴² 42	17 ⁴³ 43	18° 9	27°23	28°47	T 2
F 3	9 25 39	22°51'22	24°28	23°55	28°46	4° 7	0°18	12°20	25°24	29° 0	4°42	17°39	18° 6	27°30	28°49	F 3
S 4	9 29 35	23°51'51	7 ³⁸ 38	25°46	0 ¹ 1	4°54	0°16	12°27	25°28	29° 1	4°42	17°38	18° 3	27°37	28°51	S 4
S 5	9 33 32	24°52'18	20°23	27°37	1°16	5°42	0°14	12°34	25°31	29° 2	4°42	17°37	18° 0	27°43	28°54	S 5
M 6	9 37 29	25°52'43	2 ⁴⁷ 47	29°29	2°31	6°29	0°12	12°41	25°34	29° 4	4°41	17°37	17°57	27°50	28°56	M 6
T 7	9 41 25	26°53'07	14°55	1 ²² 22	3°46	7°16	0°10	12°48	25°37	29° 5	4°41	17°36	17°54	27°57	28°58	T 7
W 8	9 45 22	27°53'29	26°52	3°15	5° 1	8° 3	0° 8	12°55	25°40	29° 7	4°41	17°33	17°50	28° 3	29° 0	W 8
T 9	9 49 18	28°53'48	8 ⁴⁴ 44	5° 8	6°16	8°50	0° 7	13° 2	25°43	29° 8	4°40	17°27	17°47	28°10	29° 3	T 9
F 10	9 53 15	29°54'06	20°34	7° 2	7°31	9°37	0° 6	13° 9	25°47	29° 9	4°40	17°18	17°44	28°17	29° 5	F 10
S 11	9 57 11	0 ⁵⁴ 21	2 ²⁵ 25	8°56	8°46	10°24	0° 5	13°16	25°50	29°11	4°39	17° 7	17°41	28°24	29° 8	S 11
S 12	10 1 8	1°54'35	14°20	10°50	10° 1	11°11	0° 4	13°23	25°53	29°12	4°39	16°53	17°38	28°30	29°10	S 12
M13	10 5 4	2°54'47	26°21	12°44	11°16	11°58	0° 3	13°30	25°56	29°13	4°38	16°39	17°35	28°37	29°13	M13
T 14	10 9 1	3°54'57	8 ²⁹ 29	14°37	12°31	12°45	0° 3	13°37	25°59	29°15	4°38	16°26	17°31	28°44	29°15	T 14
W15	10 12 58	4°55'05	20°45	16°29	13°46	13°32	0°D 3	13°44	26° 2	29°16	4°37	16°14	17°28	28°50	29°18	W15
T 16	10 16 54	5°55'12	3 ⁹ 9	18°20	15° 0	14°19	0° 3	13°51	26° 4	29°17	4°37	16° 4	17°25	28°57	29°21	T 16
F 17	10 20 51	6°55'16	15°42	20° 9	16°15	15° 6	0° 3	13°58	26° 7	29°18	4°36	15°58	17°22	29° 4	29°23	F 17
S 18	10 24 47	7°55'19	28°27	21°57	17°30	15°53	0° 3	14° 4	26°10	29°19	4°35	15°54	17°19	29°11	29°26	S 18
S 19	10 28 44	8°55'20	11 ²⁴ 24	23°42	18°45	16°40	0° 4	14°11	26°13	29°20	4°35	15°D53	17°15	29°17	29°29	S 19
M20	10 32 40	9°55'20	24°37	25°24	19°59	17°27	0° 5	14°18	26°16	29°21	4°34	15°53	17°12	29°24	29°32	M20
T 21	10 36 37	10°55'18	8 ⁷ 7	27° 2	21°14	18°13	0° 6	14°25	26°19	29°22	4°33	15°R53	17° 9	29°31	29°35	T 21
W22	10 40 33	11°55'15	21°57	28°37	22°29	19° 0	0° 7	14°31	26°21	29°23	4°32	15°53	17° 6	29°37	29°38	W22
T 23	10 44 30	12°55'10	6 ⁷ 7	0 ⁷ 7	23°44	19°47	0° 8	14°38	26°24	29°24	4°31	15°51	17° 3	29°44	29°41	T 23
F 24	10 48 27	13°55'03	20°37	1°32	24°58	20°34	0°10	14°45	26°27	29°25	4°31	15°46	17° 0	29°51	29°44	F 24
S 25	10 52 23	14°54'54	5 ²³ 23	2°51	26°13	21°20	0°12	14°51	26°29	29°26	4°30	15°39	16°56	29°58	29°47	S 25
S 26	10 56 20	15°54'44	20°18	4° 5	27°28	22° 7	0°14	14°58	26°32	29°27	4°29	15°30	16°53	0 ⁴ 4	29°50	S 26
M27	11 0 16	16°54'32	5 ¹⁴ 14	5°12	28°42	22°53	0°16	15° 4	26°35	29°28	4°28	15°21	16°50	0°11	29°53	M27
T 28	11 4 13	17°54'18	20° 3	6°12	29°57	23°40	0°18	15°11	26°37	29°29	4°27	15°12	16°47	0°18	29°56	T 28
W29	11 8 9	18 ⁵⁴ 01	4 ³⁴ 34	7 ⁵ 5	1 ¹¹ 11	24 ²⁷ 27	0 ²¹ 21	15 ¹⁷ 17	26 ³⁰ 30	29 ²⁹ 29	4 ²⁶ 26	15 ⁵ 5	16 ⁴⁴ 44	0 ²⁴ 24	29 ⁵⁹ 59	W29

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	14s35	2n15	3n55	16s40	2s 0	14s 8	1s26	11s31	1 s 0	23n36	0n 6	18s 2	0s51	21s37	0s30	22s23	1n 7	2n22	16n25	17s11	17s18	16n 3	10n24	0s42			
T 2	14 16	7 4	3 1	16 2	1 58	13 43	1 26	11 14	0 59	23 36	0 6	18 0	0 52	21 37	0 30	22 23	1 7	2 22	16 25	17 10	17 17	16 1	10 25	0 42			
F 3	13 56	11 21	1 59	15 23	1 55	13 17	1 26	10 56	0 59	23 36	0 6	17 58	0 52	21 36	0 30	22 23	1 7	2 23	16 26	17 9	17 16	15 59	10 25	0 42			
S 4	13 36	14 55	0 53	14 43	1 51	12 51	1 27	10 39	0 59	23 36	0 6	17 56	0 52	21 36	0 30	22 23	1 7	2 23	16 26	17 8	17 15	15 58	10 26	0 42			
S 5	13 16	17 39	0s15	14 1	1 47	12 24	1 27	10 21	0 58	23 36	0 6	17 55	0 52	21 35	0 30	22 23	1 7	2 24	16 27	17 8	17 14	15 56	10 27	0 43			
M 6	12 56	19 28	1 19	13 17	1 43	11 57	1 27	10 3	0 58	23 36	0 6	17 53	0 52	21 35	0 30	22 23	1 7	2 25	16 27	17 8	17 13	15 55	10 28	0 43			
T 7	12 35	20 21	2 19	12 32	1 38	11 30	1 27	9 45	0 57	23 37	0 6	17 51	0 52	21 34	0 30	22 23	1 7	2 25	16 28	17 8	17 13	15 53	10 28	0 43			
W 8	12 14	20 16	3 12	11 46	1 32	11 3	1 27	9 27	0 57	23 37	0 6	17 49	0 52	21 33	0 30	22 23	1 7	2 26	16 28	17 7	17 12	15 51	10 29	0 43			
T 9	11 53	19 18	3 55	10 59	1 26	10 35	1 27	9 9	0 57	23 37	0 7	17 47	0 52	21 33	0 30	22 23	1 7	2 26	16 29	17 5	17 11	15 50	10 30	0 43			
F 10	11 32	17 30	4 29	10 10	1 19	10 7	1 27	8 51	0 56	23 37	0 7	17 45	0 52	21 32	0 30	22 23	1 7	2 27	16 29	17 3	17 10	15 48	10 31	0 43			
S 11	11 11	14 57	4 51	9 20	1 11	9 38	1 26	8 33	0 56	23 37	0 7	17 43	0 52	21 32	0 30	22 23	1 7	2 27	16 30	16 59	17 9	15 47	10 32	0 43			
S 12	10 49	11 47	5 0	8 29	1 3	9 10	1 26	8 15	0 55	23 37	0 7	17 41	0 52	21 31	0 30	22 23	1 7	2 28	16 30	16 56	17 8	15 45	10 32	0 43			
M13	10 28	8 7	4 56	7 38	0 54	8 41	1 26	7 56	0 55	23 37	0 7	17 39	0 53	21 31	0 30	22 23	1 7	2 29	16 31	16 52	17 7	15 43	10 33	0 43			
T 14	10 6	4 6	4 39	6 45	0 44	8 12	1 25	7 38	0 55	23 37	0 7	17 37	0 53	21 30	0 30	22 23	1 7	2 29	16 31	16 48	17 6	15 42	10 34	0 43			
W15	9 44	0s 8	4 9	5 53	0 34	7 43	1 25	7 19	0 54	23 37	0 7	17 35	0 53	21 30	0 30	22 23	1 7	2 30	16 31	16 44	17 5	15 40	10 35	0 43			
T 16	9 22	4 24	3 26	4 59	0 24	7 13	1 24	7 1	0 54	23 37	0 7	17 33	0 53	21 29	0 30	22 23	1 7	2 31	16 32	16 42	17 5	15 39	10 36	0 43			
F 17	9 0	8 33	2 33	4 6	0 12	6 43	1 24	6 42	0 53	23 38	0 7	17 32	0 53	21 29	0 30	22 23	1 7	2 31	16 32	16 40	17 4	15 37	10 37	0 43			
S 18	8 37	12 22	1 31	3 13	0 1	6 14	1 23	6 24	0 53	23 38	0 7	17 30	0 53	21 28	0 30	22 23	1 7	2 32	16 33	16 39	17 3	15 35	10 38	0 43			
S 19	8 15	15 40	0 24	2 20	0n12	5 44	1 22	6 5	0 53	23 38	0 8	17 28	0 53	21 28	0 30	22 23	1 7	2 32	16 33	16 38	17 2	15 34	10 39	0 43			
M20	7 52	18 13	0n46	1 28	0 24	5 13	1 22	5 46	0 52	23 38	0 8	17 26	0 53	21 27	0 30	22 23	1 7	2 33	16 34	16 38	17 1	15 32	10 40	0 43			
T 21	7 29	19 49	1 56	0 37	0 37	4 43	1 21	5 28	0 52	23 38	0 8	17 24	0 53	21 27	0 30	22 23	1 7	2 34	16 34	16 38	17 0	15 31	10 41	0 43			
W22	7 7	20 16	3 0	0n13	0 51	4 13	1 20	5 9	0 51	23 38	0 8	17 22	0 53	21 26	0 30	22 23	1 7	2 34	16 35	16 38	16 59	15 29	10 42	0 43			
T 23	6 44	19 27	3 54	1 1	1 4	3 42	1 19	4 50	0 51	23 38	0 8	17 20	0 54	21 26	0 30	22 23	1 7	2 35	16 35	16 38	16 58	15 27	10 43	0 43			
F 24	6 21	17 23	4 36	1 48	1 17	3 11	1 18	4 31	0 50	23 38	0 8	17 19	0 54	21 25	0 30	22 23	1 7	2 36	16 35	16 36	16 57	15 26	10 44	0 43			
S 25	5 57	14 8	4 59	2 32	1 31	2 41	1 17	4 12	0 50	23 38	0 8	17 17	0 54	21 25	0 30	22 23	1 7	2 36	16 36	16 34	16 56	15 24	10 45	0 44			
S 26	5 34	9 58	5 3	3 13	1 44	2 10	1 15	3 53	0 49	23 38	0 8	17 15	0 54	21 24	0 30	22 23	1 7	2 37	16 36	16 32	16 56	15 22	10 46	0 44			
M27	5 11	5 11	4 46	3 52	1 57	1 39	1 14	3 35	0 49	23 39	0 8	17 13	0 54	21 24	0 30	22 23	1 8	2 38	16 37	16 29	16 55	15 21	10 47	0 44			
T 28	4 48	0 7	4 10	4 28	2 10	1 8	1 13	3 16	0 48	23 39	0 8	17 11	0 54	21 23	0 31	22 23	1 8	2 38	16 37	16 26	16 54	15 19	10 48	0 44			
W29	4s24	4n51	3n19	5n 0	2n22	0s37	1s12	2s57	0s48	23n39	0n 9	17s 9	0s54	21s23	0s31	22s23	1n 8	2n39	16n37	16s24	16s53	15n17	10n49	0s44			

ASTRODIENST EPHEMERIS for the year 1492

geocentric

MARCH 1492 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	11 12 6	19°53'43	18°43'	7°50'	2°26'	25°13'	0°23'	15°24'	26°42'	29°30'	4°25'	14°R59	16°40'	0°23'	0°8'	T 1
F 2	11 16 2	20°53'22	2°25'	8°28'	3°40'	25°59'	0°26'	15°30'	26°44'	29°31'	4°24'	14°M56	16°37'	0°38'	0°6'	F 2
S 3	11 19 59	21°53'00	15°41'	8°57'	4°55'	26°46'	0°29'	15°36'	26°47'	29°31'	4°22'	14°D56	16°34'	0°45'	0°9'	S 3
S 4	11 23 55	22°52'35	28°31'	9°18'	6°9'	27°32'	0°33'	15°42'	26°49'	29°32'	4°21'	14°56'	16°31'	0°51'	0°12'	S 4
M 5	11 27 52	23°52'08	11°11'	9°32'	7°24'	28°19'	0°36'	15°49'	26°51'	29°33'	4°20'	14°57'	16°28'	0°58'	0°16'	M 5
T 6	11 31 49	24°51'38	23°11'	9°R37	8°38'	29°5'	0°40'	15°55'	26°54'	29°33'	4°19'	14°R58	16°25'	1°5'	0°19'	T 6
W 7	11 35 45	25°51'06	5°11'	9°35'	9°52'	29°51'	0°43'	16°1'	26°56'	29°34'	4°18'	14°58'	16°21'	1°11'	0°23'	W 7
T 8	11 39 42	26°50'32	17°4'	9°24'	11°7'	0°Y37	0°47'	16°7'	26°58'	29°34'	4°17'	14°55'	16°18'	1°18'	0°26'	T 8
F 9	11 43 38	27°49'55	28°55'	9°7'	12°21'	1°24'	0°52'	16°13'	27°0'	29°35'	4°15'	14°51'	16°15'	1°25'	0°30'	F 9
S 10	11 47 35	28°49'17	10°48'	8°43'	13°35'	2°10'	0°56'	16°19'	27°2'	29°35'	4°14'	14°45'	16°12'	1°32'	0°33'	S 10
S 11	11 51 31	29°48'36	22°47'	8°13'	14°49'	2°56'	1°0'	16°25'	27°4'	29°36'	4°13'	14°37'	16°9'	1°38'	0°37'	S 11
M12	11 55 28	0°Y47'52	4°M54	7°37'	16°4'	3°42'	1°5'	16°31'	27°6'	29°36'	4°11'	14°29'	16°6'	1°45'	0°40'	M12
T 13	11 59 24	1°47'07	17°12'	6°57'	17°18'	4°28'	1°10'	16°37'	27°8'	29°36'	4°10'	14°21'	16°2'	1°52'	0°44'	T 13
W14	12 3 21	2°46'19	29°41'	6°13'	18°32'	5°14'	1°15'	16°42'	27°10'	29°37'	4°9'	14°13'	15°59'	1°58'	0°47'	W14
T 15	12 7 18	3°45'29	12°21'	5°26'	19°46'	6°0'	1°20'	16°48'	27°12'	29°37'	4°7'	14°8'	15°56'	2°5'	0°51'	T 15
F 16	12 11 14	4°44'37	25°14'	4°37'	21°0'	6°46'	1°25'	16°54'	27°14'	29°37'	4°6'	14°4'	15°53'	2°12'	0°55'	F 16
S 17	12 15 11	5°43'43	8°M18	3°48'	22°14'	7°31'	1°31'	16°59'	27°16'	29°37'	4°5'	14°D3	15°50'	2°19'	0°58'	S 17
S 18	12 19 7	6°42'48	21°34'	2°59'	23°28'	8°17'	1°36'	17°5'	27°18'	29°38'	4°3'	14°3'	15°46'	2°25'	1°2'	S 18
M19	12 23 4	7°41'50	5°X3	2°11'	24°42'	9°3'	1°42'	17°10'	27°19'	29°38'	4°2'	14°4'	15°43'	2°32'	1°6'	M19
T 20	12 27 0	8°40'51	18°44'	1°25'	25°56'	9°49'	1°48'	17°15'	27°21'	29°38'	4°0'	14°5'	15°40'	2°39'	1°10'	T 20
W21	12 30 57	9°39'50	2°37'	0°42'	27°10'	10°34'	1°54'	17°21'	27°23'	29°38'	3°59'	14°7'	15°37'	2°46'	1°13'	W21
T 22	12 34 53	10°38'48	16°43'	0°2'	28°24'	11°20'	2°1'	17°26'	27°24'	29°38'	3°57'	14°R7	15°34'	2°52'	1°17'	T 22
F 23	12 38 50	11°37'43	0°X59	29°X26	29°38'	12°6'	2°7'	17°31'	27°26'	29°R38	3°56'	14°5'	15°31'	2°59'	1°21'	F 23
S 24	12 42 47	12°36'37	15°24'	28°55'	0°52'	12°51'	2°14'	17°36'	27°27'	29°38'	3°54'	14°2'	15°27'	3°6'	1°25'	S 24
S 25	12 46 43	13°35'29	29°53'	28°28'	2°6'	13°37'	2°20'	17°41'	27°29'	29°38'	3°53'	13°59'	15°24'	3°12'	1°29'	S 25
M26	12 50 40	14°34'19	14°X22	28°7'	3°19'	14°22'	2°27'	17°46'	27°30'	29°38'	3°51'	13°54'	15°21'	3°19'	1°33'	M26
T 27	12 54 36	15°33'08	28°44'	27°51'	4°33'	15°7'	2°34'	17°51'	27°31'	29°38'	3°49'	13°50'	15°18'	3°26'	1°36'	T 27
W28	12 58 33	16°31'54	12°Y54	27°40'	5°47'	15°53'	2°41'	17°56'	27°33'	29°37'	3°48'	13°47'	15°15'	3°33'	1°40'	W28
T 29	13 2 29	17°30'39	26°47'	27°34'	7°1'	16°38'	2°49'	18°1'	27°34'	29°37'	3°46'	13°44'	15°11'	3°39'	1°44'	T 29
F 30	13 6 26	18°29'21	10°X19	27°D34	8°14'	17°23'	2°56'	18°6'	27°35'	29°37'	3°45'	13°D43	15°8'	3°46'	1°48'	F 30
S 31	13 10 22	19°Y28'01	23°X30	27°X38	9°X28	18°Y8	3°X3	18°X10	27°X36	29°X37	3°M43	13°M44	15°M5	3°X53	1°X52	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	4s 1	9n27	2n16	5n28	2n34	0s 6	1s10	2s38	0s47	23n39	0n 9	17s 8	0s54	21s22	0s31	22s23
F 2	3 37	13 23	1 7	5 53	2 45	0n25	1 9	2 19	0 47	23 39	0 9	17 6	0 54	21 22	0 31	22 23
S 3	3 14	16 31	0s 4	6 14	2 55	0 56	1 7	2 0	0 46	23 39	0 9	17 4	0 55	21 21	0 31	22 22
S 4	2 50	18 42	1 12	6 31	3 4	1 27	1 6	1 41	0 46	23 39	0 9	17 2	0 55	21 21	0 31	22 22
M 5	2 26	19 55	2 16	6 43	3 11	1 58	1 4	1 22	0 45	23 39	0 9	17 1	0 55	21 21	0 31	22 22
T 6	2 3	20 9	3 11	6 51	3 18	2 29	1 2	1 3	0 45	23 39	0 9	16 59	0 55	21 20	0 31	22 22
W 7	1 39	19 27	3 57	6 55	3 23	3 0	1 1	0 44	0 44	23 39	0 9	16 57	0 55	21 20	0 31	22 22
T 8	1 16	17 54	4 32	6 54	3 27	3 30	0 59	0 25	0 44	23 39	0 9	16 56	0 55	21 19	0 31	22 22
F 9	0 52	15 36	4 56	6 49	3 28	4 1	0 57	0 6	0 43	23 39	0 9	16 54	0 55	21 19	0 31	22 22
S 10	0 28	12 39	5 7	6 40	3 29	4 32	0 55	0n12	0 43	23 39	0 9	16 52	0 55	21 19	0 31	22 22
S 11	0 5 9	9 5	5 5	6 26	3 27	5 2	0 53	0 31	0 42	23 40	0 10	16 51	0 56	21 18	0 31	22 22
M12	0n19	5 15	4 49	6 6	3 24	5 33	0 51	0 50	0 42	23 40	0 10	16 49	0 56	21 18	0 31	22 22
T 13	0 43	1 5	4 19	5 49	3 19	6 3	0 49	1 9	0 41	23 40	0 10	16 47	0 56	21 18	0 31	22 22
W14	1 6	3s11	3 37	5 25	3 13	6 33	0 47	1 28	0 41	23 40	0 10	16 46	0 56	21 17	0 31	22 22
T 15	1 30	7 24	2 43	4 59	3 4	7 3	0 45	1 46	0 40	23 40	0 10	16 44	0 56	21 17	0 31	22 22
F 16	1 53	11 21	1 40	4 40	2 43	7 33	0 43	2 5	0 40	23 40	0 10	16 42	0 56	21 17	0 31	22 22
S 17	2 17	14 48	0 31	4 0	2 54	8 3	0 41	2 24	0 39	23 40	0 10	16 41	0 56	21 16	0 31	22 22
S 18	2 40	17 33	0n41	3 29	2 30	8 33	0 38	2 42	0 39	23 40	0 10	16 39	0 56	21 16	0 31	22 22
M19	3 4	19 22	1 52	2 58	2 17	9 2	0 36	3 1	0 38	23 40	0 10	16 38	0 57	21 16	0 31	22 22
T 20	3 27	20 4	2 58	2 26	2 2	9 31	0 34	3 19	0 37	23 40	0 10	16 36	0 57	21 15	0 31	22 22
W21	3 50	19 35	3 54	1 55	1 47	10 0	0 32	3 38	0 37	23 40	0 10	16 35	0 57	21 15	0 31	22 22
T 22	4 14	17 52	4 37	1 24	1 31	10 29	0 29	3 56	0 36	23 40	0 10	16 33	0 57	21 15	0 31	22 22
F 23	4 37	15 3	5 4	0 55	1 15	10 57	0 27	4 15	0 36	23 40	0 11	16 32	0 57	21 14	0 31	22 22
S 24	5 0	11 17	5 12	0 28	0 59	11 25	0 24	4 33	0 35	23 40	0 11	16 30	0 57	21 14	0 31	22 22
S 25	5 23	6 51	5 0	0 2	0 43	11 53	0 22	4 51	0 35	23 40	0 11	16 29	0 57	21 14	0 31	22 22
M26	5 46	2 2	4 29	0s21	0 26	12 21	0 20	5 9	0 34	23 40	0 11	16 28	0 58	21 14	0 31	22 22
T 27	6 8	2n53	3 42	0 42	0 11	12 48	0 17	5 28	0 33	23 40	0 11	16 26	0 58	21 13	0 31	22 22
W28	6 31	7 35	2 41	1 0	0s 5	13 15	0 14	5 46	0 33	23 40	0 11	16 25	0 58	21 13	0 31	22 22
T 29	6 54	11 46	1 32	1 16	0 20	13 42	0 12	6 4	0 32	23 39	0 11	16 24	0 58	21 13	0 31	22 22
F 30	7 16	15 15	0 19	1 30	0 34	14 9	0 9	6 21	0 32	23 39	0 11	16 22	0 58	21 13	0 31	22 22
S 31	7n38	17n50	0s54	1s41	0s48	14n35	0s 7	6n39	0s31	23n39	0n11	16s21	0s58	21s13	0s31	22s22

Julian Day Number = 2266070.5, Delta T = 05m08s

Ecliptic obliquity = 23°30'13, Nutation = 0°00'13, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°39'17, Lahiri = 16°46'18 Julian Calendar 1 March 1492 == Greg. Calendar 10 March 1492

ASTRODIENST EPHEMERIS for the year 1492

geocentric

APRIL 1492 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	13 14 19	20°26'40	6°11'20	27°48'48	10°48'42	18°54'54	3°51'11	18°15'15	27°37'37	29°36'36	3°41'41	13°45'45	15°2'2	3°59'59	1°56'56	S 1
M 2	13 18 15	21°25'16	18°51'18	28°3'28	11°55'55	19°39'39	3°19'19	18°20'20	27°39'39	29°36'36	3°40'40	13°46'46	14°59'59	4°6'6	2°0'0	M 2
T 3	13 22 12	22°23'50	1°5'5	28°22'22	13°9'9	20°24'24	3°27'27	18°24'24	27°40'40	29°36'36	3°38'38	13°48'48	14°56'56	4°13'13	2°4'4	T 3
W 4	13 26 9	23°22'22	13°8'8	28°46'46	14°22'22	21°9'9	3°35'35	18°28'28	27°40'40	29°35'35	3°37'37	13°49'49	14°52'52	4°20'20	2°8'8	W 4
T 5	13 30 5	24°20'51	25°3'25	29°14'14	15°36'36	21°54'54	3°43'43	18°33'33	27°41'41	29°35'35	3°35'35	13°49'49	14°49'49	4°26'26	2°12'12	T 5
F 6	13 34 2	25°19'19	6°56'56	29°47'47	16°49'49	22°39'39	3°52'52	18°37'37	27°42'42	29°34'34	3°33'33	13°49'49	14°46'46	4°33'33	2°16'16	F 6
S 7	13 37 58	26°17'44	18°51'18	0°23'23	18°2'2	23°23'23	4°0'0	18°41'41	27°43'43	29°34'34	3°32'32	13°48'48	14°43'43	4°40'40	2°20'20	S 7
S 8	13 41 55	27°16'07	0°52'52	1°4'4	19°16'16	24°8'8	4°9'9	18°45'45	27°44'44	29°34'34	3°30'30	13°46'46	14°40'40	4°46'46	2°24'24	S 8
M 9	13 45 51	28°14'28	13°3'3	1°48'48	20°29'29	24°53'53	4°17'17	18°49'49	27°45'45	29°33'33	3°28'28	13°43'43	14°37'37	4°53'53	2°28'28	M 9
T 10	13 49 48	29°12'47	25°28'28	2°35'35	21°42'42	25°38'38	4°26'26	18°53'53	27°45'45	29°32'32	3°26'26	13°41'41	14°33'33	5°0'0	2°32'32	T 10
W 11	13 53 44	0°8'11'04	8°2'7	3°26'26	22°56'56	26°22'22	4°35'35	18°57'57	27°46'46	29°32'32	3°25'25	13°39'39	14°30'30	5°7'7	2°36'36	W 11
T 12	13 57 41	1°9'19	21°3'3	4°20'20	24°9'9	27°7'7	4°44'44	19°0'0	27°46'46	29°31'31	3°23'23	13°38'38	14°27'27	5°13'13	2°40'40	T 12
F 13	14 1 38	2°7'33	4°16'16	5°18'18	25°22'22	27°51'51	4°53'53	19°4'4	27°47'47	29°31'31	3°21'21	13°37'37	14°24'24	5°20'20	2°44'44	F 13
S 14	14 5 34	3°5'44	17°44'44	6°18'18	26°35'35	28°36'36	5°2'2	19°8'8	27°47'47	29°30'30	3°20'20	13°37'37	14°21'21	5°27'27	2°48'48	S 14
S 15	14 9 31	4°3'54	1°26'26	7°21'21	27°48'48	29°20'20	5°12'12	19°11'11	27°48'48	29°29'29	3°18'18	13°37'37	14°17'17	5°34'34	2°52'52	S 15
M 16	14 13 27	5°2'02	15°20'20	8°27'27	29°1'1	0°8'5	5°21'21	19°14'14	27°48'48	29°28'28	3°16'16	13°38'38	14°14'14	5°40'40	2°56'56	M 16
T 17	14 17 24	6°0'09	29°23'23	9°35'35	0°11'14	0°49'49	5°31'31	19°18'18	27°48'48	29°28'28	3°15'15	13°39'39	14°11'11	5°47'47	3°0'0	T 17
W 18	14 21 20	6°58'15	13°33'33	10°46'46	1°27'27	1°33'33	5°40'40	19°21'21	27°49'49	29°27'27	3°13'13	13°39'39	14°8'8	5°54'54	3°4'4	W 18
T 19	14 25 17	7°56'19	27°45'45	12°0'0	2°40'40	2°18'18	5°50'50	19°24'24	27°49'49	29°26'26	3°11'11	13°40'40	14°5'5	6°0'0	3°8'8	T 19
F 20	14 29 13	8°54'21	11°59'59	13°16'16	3°53'53	3°2'2	6°0'0	19°27'27	27°49'49	29°25'25	3°10'10	13°40'40	14°2'2	6°7'7	3°12'12	F 20
S 21	14 33 10	9°52'22	26°12'12	14°34'34	5°6'6	3°46'46	6°10'10	19°30'30	27°49'49	29°24'24	3°8'8	13°40'40	13°58'58	6°14'14	3°16'16	S 21
S 22	14 37 7	10°50'22	10°48'21	15°55'55	6°19'19	4°30'30	6°20'20	19°33'33	27°49'49	29°23'23	3°6'6	13°40'40	13°55'55	6°21'21	3°20'20	S 22
M 23	14 41 3	11°48'21	24°23'23	17°18'18	7°31'31	5°14'14	6°30'30	19°36'36	27°49'49	29°22'22	3°5'5	13°39'39	13°52'52	6°27'27	3°24'24	M 23
T 24	14 45 0	12°46'18	8°17'17	18°43'43	8°44'44	5°58'58	6°41'41	19°38'38	27°49'49	29°21'21	3°3'3	13°39'39	13°49'49	6°34'34	3°28'28	T 24
W 25	14 48 56	13°44'14	21°59'59	20°11'11	9°57'57	6°42'42	6°51'51	19°41'41	27°49'49	29°20'20	3°1'1	13°39'39	13°46'46	6°41'41	3°32'32	W 25
T 26	14 52 53	14°42'08	5°27'27	21°40'40	11°9'9	7°26'26	7°1'1	19°44'44	27°49'49	29°19'19	3°0'0	13°39'39	13°43'43	6°47'47	3°36'36	T 26
F 27	14 56 49	15°40'01	18°40'40	23°12'12	12°22'22	8°10'10	7°12'12	19°46'46	27°49'49	29°18'18	2°58'58	13°39'39	13°39'39	6°54'54	3°40'40	F 27
S 28	15 0 46	16°37'52	1°11'38	24°46'46	13°35'35	8°53'53	7°23'23	19°48'48	27°49'49	29°17'17	2°56'56	13°39'39	13°36'36	7°1'1	3°44'44	S 28
S 29	15 4 42	17°35'42	14°19'19	26°22'22	14°47'47	9°37'37	7°33'33	19°51'51	27°48'48	29°16'16	2°55'55	13°39'39	13°33'33	7°8'8	3°48'48	S 29
M 30	15 8 39	18°33'31	26°11'45	28°17'17	0°16'11	10°21'21	7°54'44	19°53'53	27°48'48	29°15'15	2°53'53	13°38'38	13°30'30	7°14'14	3°52'52	M 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	8n 0	19n26	2s 1	1s49	1s 1	15n 0	0s 4	6n57	0s30	23n39	0n11	16s20	0s59	21s12	0s32	22s22	1n 9	3n 1	16n45	16s 0	16s23	14n24	11n28	0s46			
M 2	8 22	20 1	3 1	1 55	1 14	15 26	0 2	7 15	0 30	23 39	0 11	16 18	0 59	21 12	0 32	22 22	1 9	3 1	16 46	16 1	16 22	14 22	11 29	0 46			
T 3	8 44	19 38	3 52	1 58	1 26	15 51	0n 1	7 32	0 29	23 39	0 11	16 17	0 59	21 12	0 32	22 22	1 9	3 2	16 46	16 1	16 21	14 20	11 30	0 46			
W 4	9 6	18 21	4 31	1 58	1 37	16 15	0 4	7 50	0 29	23 39	0 12	16 16	0 59	21 12	0 32	22 22	1 9	3 3	16 46	16 2	16 21	14 19	11 32	0 46			
T 5	9 28	16 17	4 59	1 57	1 47	16 39	0 6	8 7	0 28	23 39	0 12	16 15	0 59	21 12	0 32	22 22	1 9	3 3	16 46	16 2	16 20	14 17	11 33	0 46			
F 6	9 49	13 32	5 13	1 52	1 57	17 3	0 9	8 24	0 28	23 38	0 12	16 14	0 59	21 12	0 32	22 22	1 9	3 4	16 46	16 2	16 19	14 15	11 34	0 46			
S 7	10 11	10 14	5 14	1 46	2 6	17 26	0 12	8 42	0 27	23 38	0 12	16 12	0 59	21 11	0 32	22 21	1 9	3 4	16 46	16 1	16 18	14 14	11 36	0 46			
S 8	10 32	6 30	5 1	1 38	2 14	17 49	0 14	8 59	0 26	23 38	0 12	16 11	1 0	21 11	0 32	22 21	1 9	3 5	16 46	16 1	16 17	14 12	11 37	0 46			
M 9	10 53	2 26	4 35	1 27	2 22	18 12	0 17	9 16	0 26	23 38	0 12	16 10	1 0	21 11	0 32	22 21	1 9	3 5	16 46	16 0	16 16	14 10	11 38	0 46			
T 10	11 13	1s48	3 56	1 14	2 28	18 33	0 20	9 33	0 25	23 38	0 12	16 9	1 0	21 11	0 32	22 21	1 9	3 6	16 46	15 59	16 15	14 8	11 39	0 46			
W 11	11 34	6 3	3 4	0 59	2 34	18 55	0 22	9 49	0 24	23 37	0 12	16 8	1 0	21 11	0 32	22 21	1 9	3 7	16 46	15 59	16 14	14 7	11 41	0 46			
T 12	11 54	10 7	2 2	0 43	2 40	19 16	0 25	10 6	0 24	23 37	0 12	16 7	1 0	21 11	0 32	22 21	1 9	3 7	16 46	15 58	16 13	14 5	11 42	0 47			
F 13	12 15	13 47	0 52	0 24	2 44	19 36	0 28	10 23	0 23	23 37	0 12	16 6	1 0	21 11	0 32	22 21	1 9	3 8	16 46	15 58	16 12	14 3	11 43	0 47			
S 14	12 35	16 48	0n23	0 4	2 48	19 56	0 30	10 39	0 23	23 37	0 12	16 5	1 1	21 11	0 32	22 21	1 9	3 8	16 46	15 58	16 11	14 2	11 45	0 47			
S 15	12 54	18 55	1 37	0n18	2 51	20 16	0 33	10 56	0 22	23 36	0 12	16 4	1 1	21 11	0 32	22 21	1 9	3 9	16 46	15 58	16 10	14 0	11 46	0 47			
M 16	13 14	19 56	2 47	0 42	2 54	20 34	0 36	11 12	0 21	23 36	0 12	16 3	1 1	21 11	0 32	22 21	1 9	3 9	16 46	15 58	16 9	13 58	11 47	0 47			
T 17	13 33	19 43	3 47	1 7	2 56	20 53	0 38	11 28	0 21	23 36	0 12	16 3	1 1	21 11	0 32	22 21	1 9	3 10	16 46	15 59	16 8	13 56	11 49	0 47			
W 18	13 53	18 16	4 34	1 33	2 57	21 11	0 41	11 44	0 20	23 35	0 13	16 2	1 1	21 11	0 32	22 21	1 9	3 10	16 46	15 59	16 7	13 55	11 50	0 47			
T 19	14 12	15 41	5 5	2 2	2 58	21 28	0 44	12 0	0 20	23 35	0 13	16 1	1 1	21 11	0 32	22 21	1 9	3 11	16 46	15 59	16 6	13 53	11 51	0 47			
F 20	14 30	12 10	5 17	2 31	2 58	21 44	0 46	12 16	0 19	23 35	0 13	16 0	1 2	21 11	0 32	22 21	1 9	3 11	16 46	15 59	16 5	13 51	11 52	0 47			
S 21	14 49	7 58	5 9	3 2	2 57	22 0	0 49	12 31	0 18	23 34	0 13	15 59	1 2	21 11	0 32	22 21	1 9	3 12	16 45	15 59	16 5	13 49	11 54	0 47			
S 22	15 7	3 20	4 43	3 34	2 56	22 16	0 51	12 47	0 18	23 34	0 13	15 59	1 2	21 11	0 32	22 21	1 9	3 12	16 45	15 59	16 4	13 48	11 55	0 47			
M 23	15 25	1n27	4 0	4 8	2 54	22 31	0 54	13 2	0 17	23 34	0 13	15 58	1 2	21 11	0 32	22 21	1 9	3 12	16 45	15 59	16 3	13 46	11 56	0 48			
T 24	15 43	6 6	3 4	4 42	2 52	22 45	0 56	13 17	0 16	23 33	0 13	15 57	1 2	21 11	0 32	22 21	1 9	3 13	16 45	15 59	16 2	13 44	11 58	0 48			
W 25	16 0	10 24	1 57	5 18	2 49	22 58	0 59	13 32	0 16	23 33	0 13	15 56	1 3	21 11	0 32	22 21	1 9	3 13	16 45	15 59	16 1	13 42	11 59	0 48			
T 26	16 18	14 5	0 45	5 55	2 46	23 11	1 1	13 47	0 15	23 32	0 13	15 56	1 3	21 11	0 32	22 21	1 9	3 14	16 45	15 59	16 0	13 41	12 0	0 48			
F 27	16 34	16 59	0s28	6 32	2 41	23 23	1 4	14 2	0 14	23 32	0 13	15 55	1 3	21 11	0 32	22 21	1 9	3 14	16 45	15 59	15 59	13 39	12 1	0 48			
S 28	16 51	18 57	1 38	7 11	2 37	23 35	1 6	14 17	0 13	23 31	0 13	15 55	1 3	21 11	0 32	22 21	1 9	3 14	16 44	15 59	15 58	13 37	12 3	0 48			
S 29	17 8	19 54	2 42	7 51	2 32	23 46	1 8	14 31	0 13	23 31	0 13	15 54	1 3	21 11	0 32	22 21	1 9	3 15	16 44	15 59	15 57	13 35	12 4	0 48			
M 30	17n24	19n51	3s37	8n31	2s26	23n56	1n11	14n46	0s13	23n30	0n13	15s54	1s 3	21s11	0s32	22s21	1n 9	3n15	16n44	15s58	15s56	13n34	12n 5	0s48			

ASTRODIENST EPHEMERIS for the year 1492

geocentric

MAY 1492 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	15 12 36	19°31'17	8°58	29°41	17°12	11°8 4	7°55	19°55	27°R48	29°R14	2°R51	13°R37	13°M27	7°L21	3°S56	T 1
W 2	15 16 32	20°29'03	21° 1	1°823	18°25	11°48	8° 6	19°57	27°347	29°R13	2°M50	13°M37	13°23	7°28	4° 0	W 2
T 3	15 20 29	21°26'46	2°L57	3° 8	19°37	12°32	8°17	19°59	27°47	29°12	2°48	13°36	13°20	7°35	4° 4	T 3
F 4	15 24 25	22°24'28	14°50	4°54	20°49	13°15	8°28	20° 0	27°46	29°10	2°47	13°36	13°17	7°41	4° 7	F 4
S 5	15 28 22	23°22'08	26°45	6°43	22° 2	13°58	8°39	20° 2	27°46	29° 9	2°45	13°D35	13°14	7°48	4°11	S 5
S 6	15 32 18	24°19'47	8°M46	8°34	23°14	14°42	8°51	20° 4	27°45	29° 8	2°44	13°36	13°11	7°55	4°15	S 6
M 7	15 36 15	25°17'24	20°58	10°27	24°26	15°25	9° 2	20° 5	27°44	29° 7	2°42	13°37	13° 8	8° 1	4°19	M 7
T 8	15 40 11	26°15'00	3°A25	12°22	25°38	16° 8	9°13	20° 6	27°44	29° 5	2°41	13°38	13° 4	8° 8	4°23	T 8
W 9	15 44 8	27°12'34	16°10	14°19	26°50	16°51	9°25	20° 8	27°43	29° 4	2°39	13°39	13° 1	8°15	4°27	W 9
T 10	15 48 5	28°10'07	29°16	16°18	28° 2	17°35	9°36	20° 9	27°42	29° 3	2°38	13°40	12°58	8°22	4°30	T 10
F 11	15 52 1	29° 7'39	12°M43	18°19	29°14	18°18	9°48	20°10	27°41	29° 2	2°36	13°R40	12°55	8°28	4°34	F 11
S 12	15 55 58	0°II 5'09	26°32	20°22	0°S26	19° 1	10° 0	20°11	27°40	29° 0	2°35	13°40	12°52	8°35	4°38	S 12
S 13	15 59 54	1° 2'39	10°A39	22°27	1°38	19°44	10°11	20°12	27°39	28°59	2°33	13°39	12°48	8°42	4°42	S 13
M14	16 3 51	2° 0'07	25° 1	24°33	2°50	20°26	10°23	20°13	27°38	28°57	2°32	13°37	12°45	8°48	4°45	M14
T 15	16 7 47	2°57'34	9°S31	26°41	4° 2	21° 9	10°35	20°13	27°37	28°56	2°30	13°34	12°42	8°55	4°49	T 15
W16	16 11 44	3°55'01	24° 5	28°50	5°13	21°52	10°47	20°14	27°36	28°55	2°29	13°32	12°39	9° 2	4°53	W16
T 17	16 15 40	4°52'27	8°A36	1°II 0	6°25	22°35	10°59	20°14	27°35	28°53	2°28	13°30	12°36	9° 9	4°56	T 17
F 18	16 19 37	5°49'52	22°59	3°11	7°37	23°18	11°11	20°15	27°34	28°52	2°26	13°28	12°33	9°15	5° 0	F 18
S 19	16 23 34	6°47'16	7°K11	5°23	8°48	24° 0	11°23	20°15	27°33	28°50	2°25	13°D28	12°29	9°22	5° 3	S 19
S 20	16 27 30	7°44'40	21°10	7°35	10° 0	24°43	11°35	20°15	27°32	28°49	2°24	13°28	12°26	9°29	5° 7	S 20
M21	16 31 27	8°42'04	4°P55	9°47	11°11	25°25	11°48	20°15	27°30	28°47	2°22	13°29	12°23	9°36	5°10	M21
T 22	16 35 23	9°39'26	18°26	11°59	12°23	26° 8	12° 0	20°R15	27°29	28°46	2°21	13°31	12°20	9°42	5°14	T 22
W23	16 39 20	10°36'48	1°S43	14°10	13°34	26°50	12°12	20°15	27°28	28°44	2°20	13°32	12°17	9°49	5°17	W23
T 24	16 43 16	11°34'10	14°47	16°21	14°45	27°33	12°25	20°15	27°26	28°43	2°19	13°R33	12°14	9°56	5°21	T 24
F 25	16 47 13	12°31'31	27°39	18°31	15°57	28°15	12°37	20°15	27°25	28°41	2°17	13°32	12°10	10° 2	5°24	F 25
S 26	16 51 9	13°28'51	10°II18	20°39	17° 8	28°57	12°49	20°14	27°23	28°40	2°16	13°30	12° 7	10° 9	5°28	S 26
S 27	16 55 6	14°26'11	22°45	22°46	18°19	29°39	13° 2	20°14	27°22	28°38	2°15	13°26	12° 4	10°16	5°31	S 27
M28	16 59 3	15°23'30	5°S 2	24°52	19°30	0°II22	13°15	20°13	27°20	28°37	2°14	13°21	12° 1	10°23	5°34	M28
T 29	17 2 59	16°20'48	17°10	26°55	20°41	1° 4	13°27	20°13	27°19	28°35	2°13	13°15	11°58	10°29	5°38	T 29
W30	17 6 56	17°18'06	29°10	28°57	21°52	1°46	13°40	20°12	27°17	28°33	2°12	13° 9	11°54	10°36	5°41	W30
T 31	17 10 52	18°15'22	11°L 4	0°S57	23°S 3	2°II28	13°S52	20°A11	27°S15	28°A32	2°M11	13°M 4	11°M51	10°L43	5°A44	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17n40	18n52	4s21	9n13	2s20	24n 6	1n13	15n 0	0s12	23n29	0n14	15s53	1s 4	21s11	0s33	22s21
W 2	17 55	17 2	4 52	9 55	2 13	24 15	1 15	15 14	0 11	23 29	0 14	15 53	1 4	21 11	0 33	22 21
T 3	18 10	14 30	5 11	10 37	2 6	24 23	1 18	15 28	0 11	23 28	0 14	15 52	1 4	21 12	0 33	22 21
F 4	18 25	11 23	5 17	11 20	1 58	24 31	1 20	15 42	0 10	23 28	0 14	15 52	1 4	21 12	0 33	22 21
S 5	18 40	7 48	5 8	12 4	1 50	24 37	1 22	15 56	0 9	23 27	0 14	15 52	1 4	21 12	0 33	22 21
S 6	18 54	3 52	4 47	12 48	1 41	24 44	1 24	16 9	0 9	23 26	0 14	15 51	1 5	21 12	0 33	22 21
M 7	19 8	0s16	4 12	13 32	1 32	24 49	1 26	16 22	0 8	23 26	0 14	15 51	1 5	21 12	0 33	22 21
T 8	19 22	4 29	3 25	14 16	1 23	24 54	1 28	16 35	0 7	23 25	0 14	15 51	1 5	21 12	0 33	22 21
W 9	19 35	8 37	2 26	15 1	1 14	24 58	1 30	16 48	0 7	23 24	0 14	15 50	1 5	21 13	0 33	22 21
T 10	19 48	12 28	1 19	15 45	1 4	25 1	1 32	17 1	0 6	23 23	0 14	15 50	1 5	21 13	0 33	22 21
F 11	20 1	15 47	0 5	16 29	0 53	25 4	1 33	17 14	0 6	23 23	0 14	15 50	1 5	21 13	0 33	22 21
S 12	20 13	18 17	1n10	17 12	0 43	25 5	1 35	17 26	0 5	23 22	0 14	15 50	1 6	21 13	0 33	22 21
S 13	20 25	19 44	2 23	17 55	0 32	25 7	1 37	17 39	0 4	23 21	0 14	15 50	1 6	21 13	0 33	22 21
M14	20 37	19 56	3 29	18 37	0 22	25 7	1 39	17 51	0 4	23 20	0 14	15 50	1 6	21 14	0 33	22 21
T 15	20 48	18 49	4 21	19 17	0 11	25 7	1 40	18 3	0 3	23 19	0 15	15 50	1 6	21 14	0 33	22 21
W16	20 59	16 29	4 57	19 57	0 0	25 6	1 42	18 15	0 2	23 18	0 15	15 50	1 6	21 14	0 33	22 21
T 17	21 10	13 7	5 13	20 35	0n10	25 4	1 43	18 26	0 2	23 18	0 15	15 50	1 7	21 14	0 33	22 21
F 18	21 20	9 0	5 10	21 11	0 21	25 1	1 44	18 38	0 1	23 17	0 15	15 50	1 7	21 15	0 33	22 20
S 19	21 30	4 26	4 48	21 46	0 31	24 58	1 46	18 49	0 0	23 16	0 15	15 50	1 7	21 15	0 33	22 20
S 20	21 40	0n18	4 9	22 18	0 41	24 54	1 47	19 0	0n 0	23 15	0 15	15 50	1 7	21 15	0 33	22 20
M21	21 49	4 58	3 16	22 49	0 51	24 50	1 48	19 11	0 1	23 14	0 15	15 50	1 7	21 15	0 33	22 20
T 22	21 57	9 18	2 14	23 16	1 0	24 44	1 49	19 22	0 2	23 13	0 15	15 50	1 7	21 16	0 33	22 20
W23	22 6	13 7	1 4	23 41	1 8	24 38	1 50	19 32	0 2	23 12	0 15	15 51	1 8	21 16	0 33	22 20
T 24	22 14	16 12	0s 7	24 4	1 16	24 32	1 51	19 43	0 3	23 11	0 15	15 51	1 8	21 16	0 33	22 20
F 25	22 21	18 27	1 17	24 24	1 24	24 24	1 52	19 53	0 3	23 9	0 15	15 51	1 8	21 17	0 33	22 20
S 26	22 29	19 43	2 21	24 41	1 31	24 16	1 53	20 3	0 4	23 8	0 15	15 51	1 8	21 17	0 33	22 20
S 27	22 36	20 1	3 18	24 55	1 37	24 7	1 54	20 13	0 5	23 7	0 15	15 52	1 8	21 17	0 33	22 20
M28	22 42	19 20	4 5	25 6	1 42	23 58	1 54	20 22	0 5	23 6	0 16	15 52	1 9	21 18	0 33	22 20
T 29	22 48	17 47	4 40	25 15	1 47	23 48	1 55	20 32	0 6	23 5	0 16	15 52	1 9	21 18	0 33	22 20
W30	22 54	15 27	5 2	25 21	1 51	23 37	1 55	20 41	0 7	23 4	0 16	15 53	1 9	21 18	0 33	22 20
T 31	22n59	12n31	5s11	25n24	1n54	23n26	1n56	20n50	0n 7	23n 2	0n16	15s53	1s 9	21s19	0s33	22s20

Julian Day Number = 2266131.5, Delta T = 05m07s

Ecliptic obliquity = 23°30'12, Nutation = 0°00'11, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°39'26, Lahiri = 16°46'26 Julian Calendar 1 May 1492 == Greg. Calendar 10 May 1492

ASTRODIENST EPHEMERIS for the year 1492

geocentric

JUNE 1492 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	17 14 49	19°12'38"	22°05'56"	25°55'55"	24°56'14"	3°11'10"	14°55'5	20°R10	27°R14	28°R30	2°R10	13°R 0	11°M48	10°Ω50	5°Ω47	F 1
S 2	17 18 45	20° 9'53"	4°17'49"	4°51'25"	25°25'52"	3°52'14"	14°18'20"	20°R 9	27°R12	28°R29	2°M 9	12°M57	11°45'10"	10°56'55"	5°50'55"	S 2
S 3	17 22 42	21° 7'08"	16°48'58"	6°45'26"	26°35'43"	4°33'14"	14°31'20"	20° 8	27°10	28°27	2° 8	12°D56	11°42'11"	11° 3'55"	5°54'55"	S 3
M 4	17 26 38	22° 4'21"	28°58'47"	8°36'27"	27°46'55"	5°15'14"	14°44'20"	20° 7	27° 8	28°25	2° 7	12°56	11°39'11"	11°10'11"	5°57'6"	M 4
T 5	17 30 35	23° 1'34"	11°52'23"	10°25'28"	28°57'08"	5°57'14"	14°56'20"	20° 5	27° 7	28°24	2° 6	12°57	11°35'11"	11°16'6"	6° 0'3	T 5
W 6	17 34 32	23°58'47"	24° 7'12"	12°12'08"	28° 7'6"	6°39'15"	15° 9'20"	20° 4	27° 5	28°22	2° 5	12°58	11°32'11"	11°23'6"	6° 3'3	W 6
T 7	17 38 28	24°55'59"	7°15'13"	13°57'11"	1°17'7"	7°20'15"	15°22'20"	20° 2	27° 3	28°21	2° 4	12°R59	11°29'11"	11°30'6"	6° 6'3	T 7
F 8	17 42 25	25°53'10"	20°49'15"	15°39'22"	8° 2'15"	15°35'20"	15°35'20"	20° 1	27° 1	28°19	2° 3	12°59	11°26'11"	11°37'6"	6° 9'3	F 8
S 9	17 46 21	26°50'21"	4°17'50"	17°19'33"	3°38'8"	8°43'15"	15°48'19"	19°59	26°59	28°17	2° 3	12°57	11°23'11"	11°43'6"	6°11'3	S 9
S 10	17 50 18	27°47'32"	19°14'35"	18°57'44"	4°48'9"	9°25'16"	16° 1'19"	19°57	26°57	28°16	2° 2	12°54	11°20'11"	11°50'6"	6°14'3	S 10
M 11	17 54 14	28°44'42"	3°35'58"	20°33'55"	5°58'10"	10° 6'16"	16°14'19"	19°55	26°55	28°14	2° 1	12°48	11°16'11"	11°57'6"	6°17'3	M 11
T 12	17 58 11	29°41'52"	18°54'22"	22° 6'7"	10°48'16"	10°48'16"	16°27'19"	19°53	26°53	28°13	2° 0	12°42	11°13'12"	12° 4'6"	6°20'3	T 12
W 13	18 2 7	0°39'02"	3°35'53"	23°37'8"	11°29'16"	11°29'16"	16°40'19"	19°51	26°51	28°11	2° 0	12°35	11°10'12"	12°10'6"	6°23'3	W 13
T 14	18 6 4	1°36'12"	18°46'25"	25° 5'9"	12°10'16"	12°10'16"	16°54'19"	19°49	26°49	28° 9	1°59	12°28	11° 7'12"	12°17'6"	6°25'3	T 14
F 15	18 10 1	2°33'23"	3°16'26"	26°31'10"	10°38'12"	12°51'17"	17° 7'19"	19°47	26°47	28° 8	1°59	12°23	11° 4'12"	12°24'6"	6°28'3	F 15
S 16	18 13 57	3°30'33"	17°47'27"	27°55'11"	11°47'13"	13°33'17"	17°20'19"	19°44	26°45	28° 6	1°58	12°20	11° 0'12"	12°30'6"	6°31'3	S 16
S 17	18 17 54	4°27'44"	1°14'29"	29°16'12"	12°57'14"	14°14'17"	17°33'19"	19°42	26°42	28° 4	1°57	12°D19	10°57'12"	12°37'6"	6°33'3	S 17
M 18	18 21 50	5°24'55"	15°25'08"	14° 7'14"	14°55'17"	14°55'17"	17°46'19"	19°39	26°40	28° 3	1°57	12°20	10°54'12"	12°44'6"	6°36'3	M 18
T 19	18 25 47	6°22'06"	28°43'15"	15°16'15"	15°36'18"	18° 0'19"	19°37	19°37	26°38	28° 1	1°56	12°20	10°51'12"	12°51'6"	6°38'3	T 19
W 20	18 29 43	7°19'18"	11°18'44"	3° 5'16"	16°25'16"	16°17'18"	18°13'19"	19°34	26°36	28° 0	1°56	12°R21	10°48'12"	12°57'6"	6°41'3	W 20
T 21	18 33 40	8°16'30"	24°30'41"	16°33'17"	17°35'16"	16°58'18"	18°26'19"	19°31	26°34	27°58	1°56	12°20	10°45'13"	13° 4'6"	6°43'3	T 21
F 22	18 37 36	9°13'43"	7°11'3	5°24'18"	18°44'17"	17°39'18"	18°39'19"	19°29	26°31	27°56	1°55	12°18	10°41'13"	13°11'6"	6°45'3	F 22
S 23	18 41 33	10°10'55"	19°26'6"	6°30'19"	19°53'18"	18°19'18"	18°53'19"	19°26	26°29	27°55	1°55	12°12	10°38'13"	13°17'6"	6°48'3	S 23
S 24	18 45 30	11° 8'08"	1°34'40"	7°33'21"	21° 2'19"	19° 0'19"	19° 6'19"	19°23	26°27	27°53	1°55	12° 5	10°35'13"	13°24'6"	6°50'3	S 24
M 25	18 49 26	12° 5'22"	13°46'8"	8°32'22"	22°11'19"	19°41'19"	19°20'19"	19°20	26°25	27°52	1°54	11°55	10°32'13"	13°31'6"	6°52'3	M 25
T 26	18 53 23	13° 2'36"	25°46'9"	9°29'23"	23°19'20"	20°22'19"	19°33'19"	19°17	26°22	27°50	1°54	11°44	10°29'13"	13°38'6"	6°54'3	T 26
W 27	18 57 19	13°59'49"	7°14'42"	10°23'24"	24°28'21"	21° 2'19"	19°46'19"	19°13	26°20	27°49	1°54	11°32	10°26'13"	13°44'6"	6°56'3	W 27
T 28	19 1 16	14°57'03"	19°34'11"	11°13'25"	25°37'21"	21°43'19"	19°59'19"	19°10	26°18	27°47	1°54	11°21	10°22'13"	13°51'6"	6°58'3	T 28
F 29	19 5 12	15°54'18"	1°17'25"	12° 0'26"	26°45'22"	22°23'20"	20°13'19"	19° 7	26°15	27°46	1°53	11°12	10°19'13"	13°58'7"	7° 0'3	F 29
S 30	19 9 9	16°51'32"	13°17'18"	12°04'27"	27°53'23"	23°11'4	20°26'19"	19° 3	26°13	27°44	1°53	11°M 5	10°M16	14°Ω 5	7°Ω 2	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
F 1	23n 4	9n 5	5s 6	25n25	1n57	23n14	1n56	20n59	0n 8	23n 1	0n16	15s54	1s 9	21s19	0s33	22s20	1n 9	3n19	16n33	15s47	15s25	12n37	12n41	0s52			
S 2	23 8	5 17	4 49	25 23	1 58	23 1	1 56	21 7	0 9	23 0	0 16	15 54	1 10	21 19	0 33	22 20	1 9	3 19	16 33	15 46	15 24	12 35	12 42	0 52			
S 3	23 12	1 15	4 18	25 19	1 59	22 48	1 56	21 16	0 9	22 59	0 16	15 55	1 10	21 20	0 33	22 20	1 9	3 19	16 33	15 46	15 23	12 33	12 42	0 52			
M 4	23 16	2s54	3 36	25 13	2 0	22 34	1 56	21 24	0 10	22 57	0 16	15 55	1 10	21 20	0 34	22 20	1 9	3 19	16 32	15 46	15 22	12 31	12 43	0 52			
T 5	23 19	7 1	2 43	25 5	1 59	22 19	1 56	21 32	0 11	22 56	0 16	15 56	1 10	21 20	0 34	22 20	1 9	3 18	16 32	15 46	15 21	12 29	12 44	0 52			
W 6	23 22	10 56	1 41	24 54	1 58	22 4	1 56	21 40	0 11	22 54	0 16	15 57	1 10	21 21	0 34	22 20	1 9	3 18	16 31	15 46	15 20	12 28	12 45	0 52			
T 7	23 24	14 28	0 31	24 42	1 56	21 49	1 56	21 47	0 12	22 53	0 16	15 57	1 10	21 21	0 34	22 20	1 9	3 18	16 31	15 47	15 19	12 26	12 46	0 52			
F 8	23 26	17 20	0n42	24 28	1 54	21 33	1 56	21 55	0 12	22 52	0 16	15 58	1 11	21 22	0 34	22 20	1 9	3 18	16 30	15 47	15 18	12 24	12 47	0 52			
S 9	23 28	19 16	1 55	24 13	1 51	21 16	1 55	22 2	0 13	22 50	0 16	15 59	1 11	21 22	0 34	22 20	1 9	3 18	16 30	15 46	15 17	12 22	12 48	0 52			
S 10	23 29	20 1	3 3	23 56	1 47	20 58	1 55	22 9	0 14	22 49	0 17	15 59	1 11	21 22	0 34	22 20	1 9	3 17	16 29	15 45	15 16	12 20	12 48	0 53			
M11	23 30	19 27	4 0	23 37	1 43	20 40	1 54	22 16	0 14	22 47	0 17	16 0	1 11	21 23	0 34	22 20	1 9	3 17	16 29	15 43	15 15	12 19	12 49	0 53			
T 12	23 30	17 31	4 42	23 18	1 38	20 22	1 54	22 22	0 15	22 46	0 17	16 1	1 11	21 23	0 34	22 20	1 9	3 17	16 28	15 41	15 14	12 17	12 50	0 53			
W13	23 30	14 25	5 4	22 57	1 32	20 3	1 53	22 29	0 16	22 44	0 17	16 2	1 12	21 24	0 34	22 20	1 9	3 17	16 28	15 39	15 13	12 15	12 51	0 53			
T 14	23 30	10 24	5 5	22 35	1 26	19 44	1 52	22 35	0 16	22 43	0 17	16 3	1 12	21 24	0 34	22 20	1 9	3 16	16 27	15 37	15 12	12 13	12 52	0 53			
F 15	23 29	5 49	4 47	22 12	1 19	19 24	1 51	22 41	0 17	22 41	0 17	16 4	1 12	21 25	0 34	22 20	1 9	3 16	16 27	15 36	15 11	12 11	12 52	0 53			
S 16	23 27	1 0	4 11	21 49	1 12	19 3	1 50	22 47	0 18	22 39	0 17	16 4	1 12	21 25	0 34	22 20	1 9	3 16	16 26	15 35	15 10	12 9	12 53	0 53			
S 17	23 26	3n46	3 20	21 24	1 4	18 43	1 49	22 52	0 18	22 38	0 17	16 5	1 12	21 25	0 34	22 20	1 9	3 15	16 25	15 35	15 9	12 8	12 54	0 54			
M18	23 24	8 14	2 20	20 59	0 56	18 21	1 47	22 58	0 19	22 36	0 17	16 6	1 12	21 26	0 34	22 20	1 9	3 15	16 25	15 35	15 8	12 6	12 55	0 54			
T 19	23 21	12 11	1 13	20 34	0 47	17 59	1 46	23 3	0 20	22 35	0 17	16 7	1 13	21 26	0 34	22 20	1 9	3 15	16 24	15 35	15 7	12 4	12 55	0 54			
W20	23 18	15 27	0 3	20 8	0 38	17 37	1 45	23 8	0 20	22 33	0 17	16 8	1 13	21 27	0 34	22 20	1 9	3 14	16 24	15 35	15 6	12 2	12 56	0 54			
T 21	23 15	17 54	1s 5	19 42	0 28	17 15	1 43	23 12	0 21	22 31	0 17	16 9	1 13	21 27	0 34	22 20	1 9	3 14	16 23	15 35	15 5	12 0	12 57	0 54			
F 22	23 11	19 26	2 8	19 15	0 18	16 51	1 41	23 17	0 21	22 29	0 18	16 10	1 13	21 28	0 34	22 20	1 9	3 14	16 23	15 34	15 4	11 58	12 57	0 54			
S 23	23 7	20 1	3 5	18 49	0 7	16 28	1 40	23 21	0 22	22 28	0 18	16 11	1 13	21 28	0 34	22 20	1 9	3 13	16 22	15 32	15 3	11 57	12 58	0 54			
S 24	23 2	19 38	3 52	18 22	0s 4	16 4	1 38	23 25	0 23	22 26	0 18	16 13	1 13	21 28	0 34	22 20	1 9	3 13	16 22	15 30	15 2	11 55	12 58	0 54			
M25	22 57	18 21	4 28	17 56	0 15	15 40	1 36	23 29	0 23	22 24	0 18	16 14	1 14	21 29	0 34	22 20	1 9	3 12	16 21	15 27	15 1	11 53	12 59	0 55			
T 26	22 52	16 16	4 52	17 29	0 27	15 15	1 34	23 33	0 24	22 22	0 18	16 15	1 14	21 29	0 34	22 20	1 9	3 12	16 21	15 24	15 0	11 51	13 0	0 55			
W27	22 46	13 31	5 2	17 3	0 39	14 50	1 32	23 36	0 25	22 20	0 18	16 16	1 14	21 30	0 34	22 20	1 9	3 11	16 20	15 20	14 59	11 49	13 0	0 55			
T 28	22 40	10 14	5 0	16 38	0 52	14 25	1 29	23 40	0 25	22 18	0 18	16 17	1 14	21 30	0 34	22 20	1 9	3 11	16 19	15 17	14 58	11 47	13 1	0 55			
F 29	22 33	6 34	4 45	16 12	1 5	14 0	1 27	23 43	0 26	22 17	0 18	16 18	1 14	21 31	0 34	22 20	1 9	3 10	16 19	15 14	14 57	11 46	13 1	0 55			
S 30	22n26	2n38	4s17	15n48	1s18	13n34	1n24	23n46	0n26	22n15	0n18	16s20	1s14	21s31	0s34	22s20	1n 9	3n10	16n18	15s11	14s56	11n44	13n 2	0s55			

ASTRODIENST EPHEMERIS for the year 1492

geocentric

AUGUST 1492 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	21 15 19	17 ⁰² 27'27"	11 ¹¹ 20	4°R15	3 ³¹ 0	14 ⁰⁵ 12	27 ⁰² 29	16°R51	24°R58	27°R 5	2 ¹¹ 7	8°R 3	8 ¹¹ 34	17 ⁰² 40	7 ⁰⁸ 35	W 1
T 2	21 19 15	18°27'10"	24°20	4°D 8	4° 3	14°51	27°42	16°46	24°56	27° 4	2° 8	8 ¹¹ 3	8°31	17°46	7°35	T 2
F 3	21 23 12	19°24'55"	7 ⁰⁷ 45	4 ⁰¹ 10	5° 5	15°30	27°55	16°41	24°54	27° 3	2° 9	8° 2	8°28	17°53	7°R35	F 3
S 4	21 27 8	20°22'41"	21°38	4°19	6° 7	16° 8	28° 8	16°37	24°52	27° 2	2°11	7°59	8°25	18° 0	7°35	S 4
S 5	21 31 5	21°20'29"	6 ⁰³ 0	4°35	7° 9	16°47	28°21	16°32	24°49	27° 1	2°12	7°54	8°22	18° 7	7°35	S 5
M 6	21 35 1	22°18'17"	20°49	4°59	8°10	17°26	28°33	16°28	24°47	27° 0	2°13	7°46	8°18	18°13	7°35	M 6
T 7	21 38 58	23°16'07"	5 ⁰⁵ 58	5°31	9°11	18° 4	28°46	16°24	24°45	27° 0	2°14	7°36	8°15	18°20	7°35	T 7
W 8	21 42 55	24°13'58"	21°17	6°11	10°12	18°43	28°59	16°19	24°43	26°59	2°15	7°26	8°12	18°27	7°35	W 8
T 9	21 46 51	25°11'50"	6 ⁰⁸ 35	6°58	11°13	19°21	29°11	16°15	24°41	26°58	2°16	7°16	8° 9	18°33	7°34	T 9
F 10	21 50 48	26° 9'45"	21°41	7°52	12°13	20° 0	29°24	16°10	24°39	26°58	2°18	7° 8	8° 6	18°40	7°34	F 10
S 11	21 54 44	27° 7'40"	6 ⁰⁹ 26	8°54	13°13	20°38	29°37	16° 6	24°38	26°57	2°19	7° 3	8° 3	18°47	7°33	S 11
S 12	21 58 41	28° 5'38"	20°45	10° 2	14°12	21°16	29°49	16° 1	24°36	26°57	2°20	7° 0	7°59	18°54	7°33	S 12
M13	22 2 37	29° 3'38"	4 ⁰⁸ 34	11°16	15°11	21°55	0 ⁰⁰ 2	15°57	24°34	26°56	2°21	6°D59	7°56	19° 0	7°32	M13
T 14	22 6 34	0 ⁰¹ 1'39"	17°55	12°36	16°10	22°33	0°14	15°53	24°32	26°55	2°23	6°59	7°53	19° 7	7°32	T 14
W15	22 10 30	0°59'43"	0 ⁰² 51	14° 1	17° 9	23°11	0°26	15°48	24°30	26°55	2°24	6°R59	7°50	19°14	7°31	W15
T 16	22 14 27	1°57'48"	13°26	15°32	18° 7	23°49	0°39	15°44	24°28	26°54	2°26	6°58	7°47	19°21	7°30	T 16
F 17	22 18 24	2°55'55"	25°45	17° 7	19° 4	24°27	0°51	15°40	24°27	26°54	2°27	6°56	7°43	19°27	7°29	F 17
S 18	22 22 20	3°54'05"	7 ⁰⁵ 51	18°46	20° 1	25° 5	1° 3	15°36	24°25	26°54	2°29	6°51	7°40	19°34	7°29	S 18
S 19	22 26 17	4°52'16"	19°50	20°28	20°58	25°43	1°15	15°32	24°23	26°53	2°30	6°44	7°37	19°41	7°28	S 19
M20	22 30 13	5°50'29"	1 ⁰² 43	22°13	21°54	26°21	1°27	15°28	24°22	26°53	2°32	6°34	7°34	19°47	7°27	M20
T 21	22 34 10	6°48'44"	13°35	24° 1	22°50	26°59	1°39	15°24	24°20	26°53	2°33	6°23	7°31	19°54	7°26	T 21
W22	22 38 6	7°47'01"	25°27	25°51	23°45	27°37	1°51	15°20	24°19	26°52	2°35	6°12	7°28	20° 1	7°24	W22
T 23	22 42 3	8°45'20"	7 ⁰⁷ 21	27°42	24°40	28°15	2° 3	15°16	24°17	26°52	2°36	6° 1	7°24	20° 8	7°23	T 23
F 24	22 45 59	9°43'41"	19°18	29°35	25°35	28°53	2°15	15°12	24°16	26°52	2°38	5°51	7°21	20°14	7°22	F 24
S 25	22 49 56	10°42'03"	1 ⁰² 20	1 ⁰⁰ 28	26°28	29°30	2°27	15° 8	24°14	26°52	2°40	5°44	7°18	20°21	7°21	S 25
S 26	22 53 53	11°40'27"	13°28	3°22	27°22	0 ⁰⁰ 8	2°39	15° 4	24°13	26°52	2°41	5°39	7°15	20°28	7°19	S 26
M27	22 57 49	12°38'53"	25°45	5°16	28°14	0°45	2°50	15° 0	24°12	26°51	2°43	5°36	7°12	20°34	7°18	M27
T 28	23 1 46	13°37'21"	8 ¹¹ 13	7°10	29° 6	1°23	3° 2	14°57	24°10	26°51	2°45	5°D36	7° 9	20°41	7°17	T 28
W29	23 5 42	14°35'50"	20°56	9° 4	29°58	2° 0	3°13	14°53	24° 9	26°51	2°47	5°37	7° 5	20°48	7°15	W29
T 30	23 9 39	15°34'21"	3 ⁰⁷ 56	10°58	0 ⁰¹ 48	2°38	3°25	14°49	24° 8	26°D51	2°48	5°38	7° 2	20°55	7°14	T 30
F 31	23 13 35	16 ⁰⁰ 32'54"	17 ⁰⁷ 18	12 ⁰⁰ 51	1 ⁰¹ 38	3 ⁰² 15	3 ⁰² 36	14°46	24° 7	26° 51	2 ⁵⁰ 50	5°R38	6 ¹¹ 59	21 ⁰² 1	7 ⁰⁸ 12	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	15n38	15s 0	0n17	16n15	3s 5	1s53	0s45	23n31	0n46	21n 4	0n21	17s 4	1s18	21s45	0s34	22s20
T 2	15 20	17 32	1 25	16 33	2 48	2 23	0 51	23 27	0 47	21 2	0 22	17 6	1 18	21 46	0 34	22 20
F 3	15 2	19 11	2 30	16 50	2 31	2 53	0 56	23 23	0 48	20 59	0 22	17 7	1 18	21 46	0 34	22 20
S 4	14 44	19 46	3 29	17 5	2 13	3 23	1 2	23 19	0 48	20 57	0 22	17 9	1 18	21 46	0 34	22 20
S 5	14 26	19 6	4 17	17 18	1 55	3 53	1 7	23 15	0 49	20 54	0 22	17 10	1 18	21 47	0 34	22 20
M 6	14 7	17 8	4 49	17 29	1 38	4 22	1 13	23 11	0 49	20 52	0 22	17 11	1 18	21 47	0 34	22 20
T 7	13 48	13 58	5 1	17 39	1 20	4 52	1 19	23 6	0 50	20 49	0 22	17 13	1 19	21 47	0 34	22 20
W 8	13 29	9 49	4 53	17 46	1 3	5 21	1 25	23 2	0 51	20 47	0 22	17 14	1 19	21 48	0 34	22 20
T 9	13 9	5 2	4 23	17 50	0 46	5 50	1 31	22 57	0 51	20 44	0 22	17 16	1 19	21 48	0 34	22 20
F 10	12 50	0n 0	3 36	17 52	0 30	6 20	1 37	22 52	0 52	20 42	0 22	17 17	1 19	21 48	0 34	22 20
S 11	12 30	4 56	2 35	17 51	0 15	6 49	1 43	22 47	0 53	20 39	0 23	17 18	1 19	21 49	0 34	22 20
S 12	12 10	9 26	1 25	17 47	0n 0	7 17	1 49	22 41	0 53	20 37	0 23	17 20	1 19	21 49	0 34	22 20
M13	11 50	13 17	0 13	17 40	0 14	7 46	1 55	22 36	0 54	20 34	0 23	17 21	1 19	21 49	0 34	22 20
T 14	11 30	16 17	0s58	17 30	0 27	8 15	2 1	22 30	0 54	20 32	0 23	17 22	1 19	21 50	0 34	22 21
W15	11 9	18 22	2 4	17 17	0 39	8 43	2 8	22 25	0 55	20 29	0 23	17 24	1 19	21 50	0 34	22 21
T 16	10 48	19 28	3 1	17 2	0 50	9 11	2 14	22 19	0 56	20 27	0 23	17 25	1 19	21 50	0 34	22 21
F 17	10 27	19 37	3 49	16 43	1 1	9 39	2 20	22 12	0 56	20 24	0 23	17 26	1 19	21 51	0 34	22 21
S 18	10 6	18 51	4 26	16 21	1 10	10 7	2 27	22 6	0 57	20 21	0 23	17 28	1 19	21 51	0 34	22 21
S 19	9 45	17 14	4 51	15 56	1 18	10 34	2 33	22 0	0 57	20 19	0 24	17 29	1 19	21 51	0 34	22 21
M20	9 24	14 55	5 3	15 29	1 25	11 1	2 40	21 53	0 58	20 16	0 24	17 30	1 19	21 52	0 34	22 21
T 21	9 2	11 59	5 1	14 59	1 31	11 28	2 46	21 47	0 59	20 14	0 24	17 31	1 19	21 52	0 34	22 21
W22	8 40	8 34	4 47	14 27	1 36	11 55	2 53	21 40	0 59	20 11	0 24	17 33	1 19	21 52	0 34	22 21
T 23	8 19	4 49	4 20	13 52	1 40	12 22	2 59	21 33	1 0	20 9	0 24	17 34	1 19	21 52	0 34	22 21
F 24	7 57	0 51	3 42	13 16	1 44	12 48	3 6	21 26	1 0	20 6	0 24	17 35	1 19	21 53	0 34	22 21
S 25	7 34	3s10	2 53	12 38	1 46	13 14	3 12	21 18	1 1	20 4	0 24	17 36	1 19	21 53	0 34	22 21
S 26	7 12	7 7	1 56	11 58	1 48	13 39	3 19	21 11	1 2	20 1	0 24	17 37	1 19	21 53	0 34	22 21
M27	6 50	10 48	0 53	11 17	1 48	14 4	3 26	21 3	1 2	19 59	0 25	17 38	1 19	21 53	0 34	22 21
T 28	6 27	14 4	0n14	10 35	1 49	14 29	3 32	20 56	1 3	19 56	0 25	17 40	1 19	21 53	0 34	22 21
W29	6 5	16 43	1 22	9 51	1 48	14 54	3 39	20 48	1 4	19 53	0 25	17 41	1 19	21 54	0 34	22 21
T 30	5 42	18 35	2 27	9 7	1 47	15 18	3 46	20 40	1 4	19 51	0 25	17 42	1 19	21 54	0 34	22 21
F 31	5n19	19s29	3n26	8n22	1n45	15s42	3s52	20n32	1n 5	19n48	0n25	17s43	1s19	21s54	0s34	22s21

Julian Day Number = 2266223.5, Delta T = 05m07s

Ecliptic obliquity = 23°30'12", Nutation = 0°00'12", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°39'38", Lahiri = 16°46'39" Julian Calendar 1 Aug. 1492 == Greg. Calendar 10 Aug. 1492

ASTRODIENST EPHEMERIS for the year 1492

geocentric

SEPTEMBER 1492 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	23 17 32	17 ^h 31'28"	1 ^h 3' 3	14 ^h 43'	2 ^h 28'	3 ^h 52'	3 ^h 52'	14 ^h 42'	24 ^h 5'	26 ^h 51'	2 ^h 52'	5 ^h 37'	6 ^h 56'	21 ^h 8'	7 ^h 10'	S 1
S 2	23 21 28	18°30'04"	15°13'	16°35'	3°16'	4°30'	3°59'	14 ^h 39'	24 ^h 3' 4	26°51'	2°54'	5 ^h 35'	6°53'	21°15'	7 ^h 9'	S 2
M 3	23 25 25	19°28'42"	29°47'	18°26'	4° 4'	5° 7'	4°10'	14°36'	24° 3'	26°52'	2°56'	5°30'	6°49'	21°21'	7° 7'	M 3
T 4	23 29 22	20°27'21"	14 ^h 39'	20°16'	4°51'	5°44'	4°21'	14°33'	24° 2'	26°52'	2°58'	5°24'	6°46'	21°28'	7° 5'	T 4
W 5	23 33 18	21°26'02"	29°44'	22° 6'	5°37'	6°21'	4°32'	14°29'	24° 1'	26°52'	3° 0'	5°17'	6°43'	21°35'	7° 3'	W 5
T 6	23 37 15	22°24'45"	14 ^h 52'	23°54'	6°23'	6°58'	4°43'	14°26'	24° 0'	26°52'	3° 2'	5°11'	6°40'	21°42'	7° 1'	T 6
F 7	23 41 11	23°23'30"	29°53'	25°41'	7° 7'	7°35'	4°54'	14°23'	24° 0'	26°52'	3° 4'	5° 6'	6°37'	21°48'	6°59'	F 7
S 8	23 45 8	24°22'16"	14 ^h 38'	27°28'	7°51'	8°12'	5° 4'	14°20'	23°59'	26°53'	3° 6'	5° 2'	6°34'	21°55'	6°57'	S 8
S 9	23 49 4	25°21'05"	29° 0'	29°14'	8°33'	8°49'	5°15'	14°18'	23°58'	26°53'	3° 8'	5°D 1	6°30'	22° 2'	6°55'	S 9
M10	23 53 1	26°19'57"	12 ^h 55'	0 ^h 58'	9°15'	9°26'	5°25'	14°15'	23°57'	26°53'	3°10'	5° 1'	6°27'	22° 8'	6°53'	M10
T 11	23 56 57	27°18'50"	26°23'	2°42'	9°55'	10° 2'	5°36'	14°12'	23°57'	26°54'	3°12'	5° 2'	6°24'	22°15'	6°51'	T 11
W12	0 0 54	28°17'46"	9 ^h 25'	4°25'	10°34'	10°39'	5°46'	14° 9'	23°56'	26°54'	3°14'	5° 4'	6°21'	22°22'	6°49'	W12
T 13	0 4 50	29°16'44"	22° 4'	6° 7'	11°13'	11°16'	5°57'	14° 7'	23°55'	26°55'	3°16'	5° 5'	6°18'	22°29'	6°47'	T 13
F 14	0 8 47	0 ^h 15'44"	4 ^h 25'	7°48'	11°50'	11°52'	6° 7'	14° 4'	23°55'	26°55'	3°18'	5°R 5	6°15'	22°35'	6°44'	F 14
S 15	0 12 44	1°14'47"	16°32'	9°28'	12°26'	12°29'	6°17'	14° 2'	23°54'	26°56'	3°20'	5° 4'	6°11'	22°42'	6°42'	S 15
S 16	0 16 40	2°13'52"	28°29'	11° 7'	13° 0'	13° 5'	6°27'	14° 0'	23°54'	26°56'	3°22'	5° 1'	6° 8'	22°49'	6°40'	S 16
M17	0 20 37	3°13'00"	10 ^h 22'	12°45'	13°34'	13°42'	6°37'	13°58'	23°54'	26°57'	3°24'	4°57'	6° 5'	22°56'	6°37'	M17
T 18	0 24 33	4°12'09"	22°13'	14°23'	14° 5'	14°18'	6°47'	13°56'	23°53'	26°57'	3°26'	4°52'	6° 2'	23° 2'	6°35'	T 18
W19	0 28 30	5°11'21"	4 ^h 6'	16° 0'	14°36'	14°54'	6°56'	13°54'	23°53'	26°58'	3°29'	4°46'	5°59'	23° 9'	6°32'	W19
T 20	0 32 26	6°10'35"	16° 4'	17°36'	15° 5'	15°31'	7° 6'	13°52'	23°53'	26°59'	3°31'	4°41'	5°55'	23°16'	6°30'	T 20
F 21	0 36 23	7° 9'51"	28° 9'	19°11'	15°32'	16° 7'	7°15'	13°50'	23°53'	26°59'	3°33'	4°37'	5°52'	23°22'	6°27'	F 21
S 22	0 40 19	8° 9'09"	10 ^h 22'	20°46'	15°58'	16°43'	7°25'	13°48'	23°52'	27° 0'	3°35'	4°33'	5°49'	23°29'	6°25'	S 22
S 23	0 44 16	9° 8'29"	22°44'	22°20'	16°23'	17°19'	7°34'	13°47'	23°52'	27° 1'	3°38'	4°31'	5°46'	23°36'	6°22'	S 23
M24	0 48 13	10° 7'52"	5 ^h 16'	23°53'	16°45'	17°55'	7°43'	13°45'	23°D52'	27° 2'	3°40'	4°D31'	5°43'	23°43'	6°20'	M24
T25	0 52 9	11° 7'16"	18° 0'	25°25'	17° 6'	18°31'	7°52'	13°44'	23°52'	27° 2'	3°42'	4°32'	5°40'	23°49'	6°17'	T25
W26	0 56 6	12° 6'42"	0 ^h 58'	26°56'	17°25'	19° 7'	8° 1'	13°42'	23°52'	27° 3'	3°44'	4°33'	5°36'	23°56'	6°14'	W26
T 27	1 0 2	13° 6'10"	14° 9'	28°27'	17°42'	19°42'	8°10'	13°41'	23°53'	27° 4'	3°47'	4°34'	5°33'	24° 3'	6°11'	T 27
F 28	1 3 59	14° 5'40"	27°37'	29°57'	17°56'	20°18'	8°18'	13°40'	23°53'	27° 5'	3°49'	4°36'	5°30'	24° 9'	6° 9'	F 28
S 29	1 7 55	15° 5'12"	11 ^h 21'	1 ^h 27'	18° 9'	20°54'	8°27'	13°39'	23°53'	27° 6'	3°51'	4°R36'	5°27'	24°16'	6° 6'	S 29
S 30	1 11 52	16 ^h 4'45"	25 ^h 22'	2 ^h 56'	18 ^h 20'	21 ^h 29'	8 ^h 35'	13 ^h 38'	23 ^h 53'	27 ^h 7'	3 ^h 54'	4 ^h 36'	5 ^h 24'	24 ^h 23'	6 ^h 3'	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	4n57	19s16	4n14	7n36	1n42	16s 6	3s59	20n24	1n 5	19n46	0n25	17s44	1s19	21s54	0s34	22s21	1n 7	2n19	15n44	13s26	13s52	9n46	12n56	1s 4			
S 2	4 34	17 50	4 49	6 50	1 40	16 29	4 6	20 15	1 6	19 43	0 25	17 45	1 19	21 54	0 34	22 21	1 7	2 18	15 44	13 25	13 51	9 44	12 55	1 5			
M 3	4 11	15 15	5 7	6 4	1 36	16 52	4 12	20 7	1 7	19 41	0 26	17 46	1 19	21 55	0 34	22 21	1 7	2 17	15 44	13 23	13 50	9 42	12 54	1 5			
T 4	3 47	11 37	5 4	5 17	1 32	17 14	4 19	19 58	1 7	19 38	0 26	17 47	1 19	21 55	0 34	22 21	1 7	2 16	15 43	13 21	13 49	9 40	12 54	1 5			
W 5	3 24	7 12	4 41	4 30	1 28	17 36	4 25	19 50	1 8	19 36	0 26	17 48	1 19	21 55	0 34	22 21	1 7	2 15	15 43	13 19	13 48	9 38	12 53	1 5			
T 6	3 1	2 19	3 58	3 43	1 24	17 57	4 32	19 41	1 8	19 33	0 26	17 48	1 19	21 55	0 34	22 21	1 6	2 14	15 43	13 17	13 47	9 36	12 52	1 5			
F 7	2 38	2n41	2 59	2 55	1 19	18 18	4 39	19 32	1 9	19 31	0 26	17 49	1 19	21 55	0 34	22 22	1 6	2 13	15 42	13 15	13 46	9 34	12 51	1 5			
S 8	2 15	7 27	1 48	2 8	1 14	18 39	4 45	19 23	1 10	19 28	0 26	17 50	1 19	21 55	0 34	22 22	1 6	2 12	15 42	13 14	13 45	9 32	12 50	1 5			
S 9	1 51	11 39	0 33	1 21	1 8	18 59	4 51	19 14	1 10	19 26	0 26	17 51	1 19	21 55	0 34	22 22	1 6	2 11	15 41	13 14	13 43	9 30	12 50	1 6			
M10	1 28	15 5	0s43	0 34	1 3	19 19	4 58	19 5	1 11	19 24	0 27	17 52	1 19	21 55	0 34	22 22	1 6	2 10	15 41	13 14	13 42	9 29	12 49	1 6			
T 11	1 4	17 33	1 54	0s13	0 57	19 38	5 4	18 55	1 11	19 21	0 27	17 52	1 19	21 56	0 34	22 22	1 6	2 9	15 41	13 14	13 41	9 27	12 48	1 6			
W12	0 41	19 1	2 56	0 59	0 51	19 56	5 10	18 46	1 12	19 19	0 27	17 53	1 19	21 56	0 34	22 22	1 6	2 8	15 40	13 15	13 40	9 25	12 47	1 6			
T 13	0 17	19 28	3 48	1 45	0 44	20 14	5 16	18 36	1 13	19 16	0 27	17 54	1 19	21 56	0 33	22 22	1 6	2 7	15 40	13 15	13 39	9 23	12 46	1 6			
F 14	0s 6	18 57	4 29	2 31	0 38	20 32	5 23	18 27	1 13	19 14	0 27	17 55	1 19	21 56	0 33	22 22	1 6	2 6	15 40	13 15	13 38	9 21	12 45	1 6			
S 15	0 30	17 35	4 56	3 17	0 31	20 49	5 29	18 17	1 14	19 12	0 27	17 55	1 19	21 56	0 33	22 22	1 6	2 5	15 39	13 15	13 37	9 19	12 45	1 6			
S 16	0 53	15 27	5 10	4 2	0 25	21 5	5 34	18 7	1 15	19 9	0 27	17 56	1 19	21 56	0 33	22 22	1 6	2 4	15 39	13 14	13 36	9 17	12 44	1 7			
M17	1 17	12 42	5 11	4 47	0 18	21 21	5 40	17 57	1 15	19 7	0 28	17 57	1 19	21 56	0 33	22 22	1 6	2 3	15 39	13 12	13 35	9 15	12 43	1 7			
T 18	1 40	9 27	4 58	5 31	0 11	21 36	5 46	17 47	1 16	19 5	0 28	17 57	1 19	21 56	0 33	22 22	1 6	2 2	15 38	13 11	13 34	9 13	12 42	1 7			
W19	2 4	5 48	4 32	6 15	0 4	21 51	5 51	17 37	1 16	19 2	0 28	17 58	1 19	21 56	0 33	22 22	1 6	2 1	15 38	13 9	13 33	9 11	12 41	1 7			
T 20	2 28	1 54	3 55	6 58	0s 3	22 4	5 56	17 27	1 17	19 0	0 28	17 58	1 19	21 56	0 33	22 22	1 6	2 1	15 38	13 7	13 32	9 9	12 40	1 7			
F 21	2 51	2s 7	3 6	7 41	0 10	22 18	6 2	17 17	1 18	18 58	0 28	17 59	1 19	21 56	0 33	22 22	1 6	2 0	15 38	13 6	13 31	9 8	12 39	1 7			
S 22	3 15	6 5	2 9	8 23	0 17	22 30	6 6	17 7	1 18	18 56	0 28	17 59	1 19	21 56	0 33	22 22	1 6	1 59	15 37	13 4	13 30	9 6	12 38	1 7			
S 23	3 38	9 52	1 4	9 5	0 24	22 42	6 11	16 56	1 19	18 53	0 29	18 0	1 19	21 56	0 33	22 22	1 6	1 58	15 37	13 4	13 29	9 4	12 37	1 8			
M24	4 1	13 15	0n 4	9 46	0 31	22 53	6 16	16 46	1 19	18 51	0 29	18 0	1 19	21 56	0 33	22 23	1 6	1 57	15 37	13 4	13 28	9 2	12 36	1 8			
T 25	4 25	16 4	1 14	10 26	0 38	23 3	6 20	16 35	1 20	18 49	0 29	18 0	1 19	21 56	0 33	22 23	1 6	1 56	15 37	13 4	13 27	9 0	12 35	1 8			
W26	4 48	18 7	2 21	11 6	0 45	23 12	6 24	16 25	1 21	18 47	0 29	18 1	1 19	21 56	0 33	22 23	1 6	1 55	15 36	13 4	13 26	8 58	12 34	1 8			
T 27	5 11	19 14	3 21	11 45	0 52	23 21	6 28	16 14	1 21	18 45	0 29	18 1	1 19	21 56	0 33	22 23	1 6	1 54	15 36	13 5	13 24	8 56	12 33	1 8			
F 28	5 34	19 17	4 12	12 24	0 58	23 28	6 31	16 3	1 22	18 43	0 29	18 1	1 19	21 56	0 33	22 23	1 5	1 53	15 36	13 5	13 23	8 54	12 32	1 8			
S 29	5 57	18 12	4 50	13 2	1 5	23 35	6 34	15 52	1 23	18 41	0 30	18 1	1 18	21 56	0 33	22 23	1 5	1 52	15 36	13 5	13 22	8 52	12 31	1 8			
S 30	6s20	16s 1	5n12	13s39	1s12	23s41	6s37	15n41	1n23	18n39	0n30	18s 2	1s18	21s56	0s33	22s23	1n 5	1n51	15n36	13s 5	13s21	8n50	12n30	1s 8			

ASTRODIENST EPHEMERIS for the year 1492

geocentric

NOVEMBER 1492 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	3 18 2	18 ¹¹ 7'31	3 ¹¹ 8	6 ¹¹ 2	6 ¹¹ 57	9 ¹¹ 46	11 ¹¹ 49	14 ¹¹ 2	24 ¹¹ 29	27 ¹¹ 54	5 ¹¹ 11	4 ¹¹ 28	3 ¹¹ 42	27 ¹¹ 58	4 ¹¹ 27	T 1
F 2	3 21 58	19 ¹¹ 8'04	17 ¹¹ 19	5 ¹¹ 48	6 ¹¹ 27	10 ¹¹ 19	11 ¹¹ 53	14 ¹¹ 4	24 ¹¹ 30	27 ¹¹ 55	5 ¹¹ 13	4 ¹¹ 29	3 ¹¹ 39	28 ¹¹ 4	4 ¹¹ 24	F 2
S 3	3 25 55	20 ¹¹ 8'38	1 ¹¹ 21	5 ¹¹ 25	5 ¹¹ 59	10 ¹¹ 51	11 ¹¹ 56	14 ¹¹ 7	24 ¹¹ 32	27 ¹¹ 57	5 ¹¹ 15	4 ¹¹ 30	3 ¹¹ 36	28 ¹¹ 11	4 ¹¹ 21	S 3
S 4	3 29 51	21 ¹¹ 9'14	15 ¹¹ 12	4 ¹¹ 51	5 ¹¹ 32	11 ¹¹ 24	11 ¹¹ 59	14 ¹¹ 9	24 ¹¹ 34	27 ¹¹ 59	5 ¹¹ 18	4 ¹¹ 30	3 ¹¹ 32	28 ¹¹ 18	4 ¹¹ 18	S 4
M 5	3 33 48	22 ¹¹ 9'52	28 ¹¹ 49	4 ¹¹ 7	5 ¹¹ 8	11 ¹¹ 56	12 ¹¹ 2	14 ¹¹ 12	24 ¹¹ 36	28 ¹¹ 1	5 ¹¹ 20	4 ¹¹ 29	3 ¹¹ 29	28 ¹¹ 24	4 ¹¹ 15	M 5
T 6	3 37 44	23 ¹¹ 10'30	12 ¹¹ 8	3 ¹¹ 12	4 ¹¹ 46	12 ¹¹ 29	12 ¹¹ 4	14 ¹¹ 15	24 ¹¹ 38	28 ¹¹ 3	5 ¹¹ 23	4 ¹¹ 26	3 ¹¹ 26	28 ¹¹ 31	4 ¹¹ 12	T 6
W 7	3 41 41	24 ¹¹ 11'11	25 ¹¹ 10	2 ¹¹ 8	4 ¹¹ 26	13 ¹¹ 1	12 ¹¹ 7	14 ¹¹ 18	24 ¹¹ 41	28 ¹¹ 5	5 ¹¹ 25	4 ¹¹ 24	3 ¹¹ 23	28 ¹¹ 38	4 ¹¹ 9	W 7
T 8	3 45 37	25 ¹¹ 11'53	7 ¹¹ 52	0 ¹¹ 56	4 ¹¹ 9	13 ¹¹ 33	12 ¹¹ 9	14 ¹¹ 21	24 ¹¹ 43	28 ¹¹ 7	5 ¹¹ 27	4 ¹¹ 20	3 ¹¹ 20	28 ¹¹ 45	4 ¹¹ 6	T 8
F 9	3 49 34	26 ¹¹ 12'36	20 ¹¹ 18	29 ¹¹ 39	3 ¹¹ 54	14 ¹¹ 5	12 ¹¹ 11	14 ¹¹ 24	24 ¹¹ 45	28 ¹¹ 9	5 ¹¹ 30	4 ¹¹ 17	3 ¹¹ 17	28 ¹¹ 51	4 ¹¹ 3	F 9
S 10	3 53 31	27 ¹¹ 13'21	2 ¹¹ 29	28 ¹¹ 17	3 ¹¹ 41	14 ¹¹ 37	12 ¹¹ 13	14 ¹¹ 27	24 ¹¹ 47	28 ¹¹ 11	5 ¹¹ 32	4 ¹¹ 14	3 ¹¹ 13	28 ¹¹ 58	4 ¹¹ 1	S 10
S 11	3 57 27	28 ¹¹ 14'07	14 ¹¹ 30	26 ¹¹ 55	3 ¹¹ 31	15 ¹¹ 8	12 ¹¹ 14	14 ¹¹ 30	24 ¹¹ 49	28 ¹¹ 13	5 ¹¹ 34	4 ¹¹ 12	3 ¹¹ 10	29 ¹¹ 5	3 ¹¹ 58	S 11
M 12	4 1 24	29 ¹¹ 14'55	26 ¹¹ 23	25 ¹¹ 34	3 ¹¹ 23	15 ¹¹ 40	12 ¹¹ 16	14 ¹¹ 34	24 ¹¹ 52	28 ¹¹ 15	5 ¹¹ 36	4 ¹¹ 11	3 ¹¹ 7	29 ¹¹ 11	3 ¹¹ 55	M 12
T 13	4 5 20	0 ¹¹ 15'45	8 ¹¹ 14	24 ¹¹ 18	3 ¹¹ 18	16 ¹¹ 11	12 ¹¹ 17	14 ¹¹ 37	24 ¹¹ 54	28 ¹¹ 17	5 ¹¹ 39	4 ¹¹ 12	3 ¹¹ 4	29 ¹¹ 18	3 ¹¹ 53	T 13
W 14	4 9 17	1 ¹¹ 16'36	20 ¹¹ 9	23 ¹¹ 9	3 ¹¹ 16	16 ¹¹ 43	12 ¹¹ 18	14 ¹¹ 41	24 ¹¹ 56	28 ¹¹ 19	5 ¹¹ 41	4 ¹¹ 13	3 ¹¹ 1	29 ¹¹ 25	3 ¹¹ 50	W 14
T 15	4 13 13	2 ¹¹ 17'28	2 ¹¹ 11	22 ¹¹ 9	3 ¹¹ 16	17 ¹¹ 14	12 ¹¹ 19	14 ¹¹ 44	24 ¹¹ 59	28 ¹¹ 21	5 ¹¹ 43	4 ¹¹ 14	2 ¹¹ 57	29 ¹¹ 32	3 ¹¹ 47	T 15
F 16	4 17 10	3 ¹¹ 18'22	14 ¹¹ 25	21 ¹¹ 19	3 ¹¹ 18	17 ¹¹ 45	12 ¹¹ 20	14 ¹¹ 48	25 ¹¹ 1	28 ¹¹ 23	5 ¹¹ 45	4 ¹¹ 16	2 ¹¹ 54	29 ¹¹ 38	3 ¹¹ 45	F 16
S 17	4 21 6	4 ¹¹ 19'17	26 ¹¹ 56	20 ¹¹ 40	3 ¹¹ 23	18 ¹¹ 16	12 ¹¹ 20	14 ¹¹ 52	25 ¹¹ 4	28 ¹¹ 25	5 ¹¹ 48	4 ¹¹ 18	2 ¹¹ 51	29 ¹¹ 45	3 ¹¹ 42	S 17
S 18	4 25 3	5 ¹¹ 20'13	9 ¹¹ 46	20 ¹¹ 13	3 ¹¹ 30	18 ¹¹ 47	12 ¹¹ 21	14 ¹¹ 56	25 ¹¹ 6	28 ¹¹ 28	5 ¹¹ 50	4 ¹¹ 18	2 ¹¹ 48	29 ¹¹ 52	3 ¹¹ 40	S 18
M 19	4 29 0	6 ¹¹ 21'10	22 ¹¹ 56	19 ¹¹ 57	3 ¹¹ 39	19 ¹¹ 17	12 ¹¹ 22	15 ¹¹ 0	25 ¹¹ 9	28 ¹¹ 30	5 ¹¹ 52	4 ¹¹ 16	2 ¹¹ 45	29 ¹¹ 58	3 ¹¹ 37	M 19
T 20	4 32 56	7 ¹¹ 22'09	6 ¹¹ 26	19 ¹¹ 52	3 ¹¹ 50	19 ¹¹ 48	12 ¹¹ 21	15 ¹¹ 4	25 ¹¹ 12	28 ¹¹ 32	5 ¹¹ 54	4 ¹¹ 13	2 ¹¹ 42	0 ¹¹ 5	3 ¹¹ 35	T 20
W 21	4 36 53	8 ¹¹ 23'09	20 ¹¹ 15	19 ¹¹ 57	4 ¹¹ 4	20 ¹¹ 18	12 ¹¹ 20	15 ¹¹ 8	25 ¹¹ 14	28 ¹¹ 34	5 ¹¹ 56	4 ¹¹ 8	2 ¹¹ 38	0 ¹¹ 12	3 ¹¹ 32	W 21
T 22	4 40 49	9 ¹¹ 24'09	4 ¹¹ 18	20 ¹¹ 12	4 ¹¹ 20	20 ¹¹ 48	12 ¹¹ 20	15 ¹¹ 12	25 ¹¹ 17	28 ¹¹ 36	5 ¹¹ 58	4 ¹¹ 3	2 ¹¹ 35	0 ¹¹ 19	3 ¹¹ 30	T 22
F 23	4 44 46	10 ¹¹ 25'11	18 ¹¹ 32	20 ¹¹ 36	4 ¹¹ 38	21 ¹¹ 18	12 ¹¹ 19	15 ¹¹ 16	25 ¹¹ 20	28 ¹¹ 38	6 ¹¹ 1	3 ¹¹ 57	2 ¹¹ 32	0 ¹¹ 25	3 ¹¹ 28	F 23
S 24	4 48 42	11 ¹¹ 26'13	2 ¹¹ 52	21 ¹¹ 8	4 ¹¹ 58	21 ¹¹ 48	12 ¹¹ 18	15 ¹¹ 21	25 ¹¹ 22	28 ¹¹ 40	6 ¹¹ 3	3 ¹¹ 51	2 ¹¹ 29	0 ¹¹ 32	3 ¹¹ 25	S 24
S 25	4 52 39	12 ¹¹ 27'15	17 ¹¹ 11	21 ¹¹ 46	5 ¹¹ 20	22 ¹¹ 18	12 ¹¹ 17	15 ¹¹ 25	25 ¹¹ 25	28 ¹¹ 43	6 ¹¹ 5	3 ¹¹ 47	2 ¹¹ 26	0 ¹¹ 39	3 ¹¹ 23	S 25
M 26	4 56 35	13 ¹¹ 28'18	1 ¹¹ 27	22 ¹¹ 32	5 ¹¹ 43	22 ¹¹ 47	12 ¹¹ 16	15 ¹¹ 30	25 ¹¹ 28	28 ¹¹ 45	6 ¹¹ 7	3 ¹¹ 45	2 ¹¹ 23	0 ¹¹ 45	3 ¹¹ 21	M 26
T 27	5 0 32	14 ¹¹ 29'22	15 ¹¹ 37	23 ¹¹ 22	6 ¹¹ 9	23 ¹¹ 17	12 ¹¹ 15	15 ¹¹ 34	25 ¹¹ 31	28 ¹¹ 47	6 ¹¹ 9	3 ¹¹ 44	2 ¹¹ 19	0 ¹¹ 52	3 ¹¹ 19	T 27
W 28	5 4 29	15 ¹¹ 30'26	29 ¹¹ 39	24 ¹¹ 18	6 ¹¹ 36	23 ¹¹ 46	12 ¹¹ 13	15 ¹¹ 39	25 ¹¹ 34	28 ¹¹ 49	6 ¹¹ 11	3 ¹¹ 45	2 ¹¹ 16	0 ¹¹ 59	3 ¹¹ 17	W 28
T 29	5 8 25	16 ¹¹ 31'30	13 ¹¹ 32	25 ¹¹ 18	7 ¹¹ 5	24 ¹¹ 15	12 ¹¹ 11	15 ¹¹ 44	25 ¹¹ 37	28 ¹¹ 52	6 ¹¹ 13	3 ¹¹ 46	2 ¹¹ 13	1 ¹¹ 5	3 ¹¹ 15	T 29
F 30	5 12 22	17 ¹¹ 32'34	27 ¹¹ 16	26 ¹¹ 22	7 ¹¹ 35	24 ¹¹ 44	12 ¹¹ 9	15 ¹¹ 49	25 ¹¹ 39	28 ¹¹ 54	6 ¹¹ 15	3 ¹¹ 48	2 ¹¹ 10	1 ¹¹ 12	3 ¹¹ 13	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	decl	lat	decl	lat
T 1	17s16	3n46	2n45	23s16	1s56	16s43	3s 1	9n32	1n44	17n52	0n36	17s53	1s17	21s49	0s32	22s25	1n 4	1n25	15n34	13s 3	12s47	7n48	11n55	1s17	17s16	3n46	2n45	23s16	1s56	16s43	3s 1
F 2	17 33	8 15	1 34	23 2	1 43	16 19	2 46	9 20	1 45	17 51	0 36	17 52	1 17	21 48	0 32	22 25	1 4	1 24	15 34	13 3	12 46	7 46	11 54	1 12	17 33	8 15	1 34	23 2	1 43	16 19	2 46
S 3	17 50	12 15	0 17	22 44	1 30	15 55	2 30	9 9	1 46	17 51	0 37	17 51	1 16	21 48	0 32	22 25	1 4	1 24	15 34	13 3	12 45	7 44	11 53	1 12	17 50	12 15	0 17	22 44	1 30	15 55	2 30
S 4	18 6	15 30	0s59	22 22	1 14	15 31	2 15	8 57	1 46	17 50	0 37	17 51	1 16	21 48	0 32	22 25	1 4	1 23	15 34	13 3	12 44	7 43	11 52	1 12	18 6	15 30	0s59	22 22	1 14	15 31	2 15
M 5	18 22	17 50	2 10	21 58	0 57	15 9	2 0	8 45	1 47	17 49	0 37	17 50	1 16	21 47	0 32	22 25	1 4	1 22	15 34	13 3	12 43	7 41	11 51	1 12	18 22	17 50	2 10	21 58	0 57	15 9	2 0
T 6	18 37	19 7	3 13	21 29	0 39	14 47	1 44	8 33	1 48	17 49	0 37	17 49	1 16	21 47	0 32	22 25	1 4	1 22	15 34	13 2	12 42	7 39	11 50	1 12	18 37	19 7	3 13	21 29	0 39	14 47	1 44
W 7	18 52	19 21	4 4	20 58	0 19	14 26	1 29	8 22	1 48	17 48	0 37	17 48	1 16	21 47	0 32	22 25	1 4	1 21	15 34	13 1	12 41	7 37	11 49	1 12	18 52	19 21	4 4	20 58	0 19	14 26	1 29
T 8	19 7	18 35	4 42	20 23	0n 1	14 6	1 14	8 10	1 49	17 48	0 38	17 47	1 16	21 46	0 32	22 25	1 4	1 20	15 34	13 0	12 39	7 35	11 48	1 12	19 7	18 35	4 42	20 23	0n 1	14 6	1 14
F 9	19 21	16 56	5 5	19 47	0 21	13 47	0 59	7 58	1 50	17 48	0 38	17 46	1 16	21 46	0 32	22 25	1 4	1 20	15 35	12 59	12 38	7 33	11 47	1 12	19 21	16 56	5 5	19 47	0 21	13 47	0 59
S 10	19 35	14 33	5 14	19 9	0 42	13 29	0 45	7 46	1 51	17 47	0 38	17 45	1 16	21 45	0 32	22 26	1 4	1 19	15 35	12 58	12 37	7 31	11 46	1 12	19 35	14 33	5 14	19 9	0 42	13 29	0 45
S 11	19 49	11 35	5 9	18 31	1 2	13 12	0 31	7 35	1 51	17 47	0 38	17 44	1 16	21 45	0 32	22 26	1 4	1 19	15 35	12 57	12 36	7 29	11 45	1 12	19 49	11 35	5 9	18 31	1 2	13 12	0 31
M 12	20 3	8 11	4 51	17 54	1 20	12 57	0 17	7 23	1 52	17 47	0 39	17 43	1 16	21 44	0 32	22 26	1 4	1 18	15 35	12 57	12 35	7 27	11 44	1 12	20 3	8 11	4 51	17 54	1 20	12 57	0 17
T 13	20 16	4 28	4 21	17 19	1 38	12 42	0 4	7 12	1 53	17 47	0 39	17 42	1 16	21 44	0 32	22 26	1 4	1 18	15 35	12 57	12 34	7 25	11 43	1 12	20 16	4 28	4 21	17 19	1 38	12 42	0 4
W 14	20 28	0 33	3 39	16 47	1 53	12 29	0n 9	7 0	1 53	17 47	0 39	17 41	1 16	21 44	0 32	22 26	1 4	1 17	15 35	12 57	12 33	7 23	11 42	1 12	20 28	0 33	3 39	16 47	1 53	12 29	0n 9
T 15	20 40	3s25	2 47	16 19	2 7	12 17	0 22	6 48	1 54	17 47	0 39	17 40	1 16	21 43	0 32	22 26	1 4	1 17	15 36	12 58	12 32	7 21	11 41	1 12	20 40	3s25	2 47	16 19	2 7	12 17	0 22
F 16	20 52	7 20	1 47	15 55	2 18	12 7	0 34	6 37	1 55	17 47	0 39	17 39	1 16	21 43	0 32	22 26	1 4	1 16	15 36	12 59	12 31	7 19	11 40	1 12	20 52	7 20	1 47	15 55	2 18	12 7	0 34
S 17	21 4	11 2	0 40	15 36	2 27	11 57	0 46	6 26	1 56	17 47	0 40	17 37	1 16	21 42	0 32	22 26	1 4	1 16	15 36	12 59	12 30	7 17	11 39	1 13	21 4	11 2	0 40	15 36	2 27	11 57	0 46
S 18	21 15	14 18	0n30	15 23	2 34	11 49	0 57	6 14	1 56	17 47	0 40	17 36	1 16	21 42	0 32	22 26	1 4	1 15	15 36	12 59	12 29	7 15	11 38	1 13	21 15	14 18	0n30	15 23	2 34	11 49	0 57
M 19	21 26	16 56	1 40	15 14	2 38	11 42	1 8	6 3	1 57	17 47	0 40	17 35	1 16	21 41	0 32	22 26	1 4	1 15	15 36	12 59	12 27	7 13	11 37	1 13	21 26	16 56	1 40	15 14	2 38	11 42	1 8
T 20	21 36	18 42	2 46	15 9	2 41	11 36	1 19	5 51	1 58	17 47	0 40	17 34	1 16	21 41	0 32	22 26	1 4	1 14	15 37	12 58	12 26	7 11	11 36	1 13	21 36	18 42	2 46	15 9	2 41	11 36	1 19
W 21	21 46	19 25	3 45	15 10	2 43	11 31	1 29	5 40	1 59	17 48	0 41	17 33	1 15	21 40	0 32	22 26	1 4	1 14	15 37	12 56	12 25	7 9	11 35	1 13	21 46	19 25	3 45	15 10	2 43	11 31	1 29
T 22	21 55	18 56	4 30	15 14	2 43	11 27	1 38	5 29	1 59	17 48	0 41	17 31	1 15	21 40	0 32	22 26	1 4	1 13	15 37	12 54	12 24	7 8	11 34	1 13	21 55	18 56	4 30	15 14	2 43	11 27	1 38
F 23	22 4	17 16	4 59	15 21	2 41	11 24	1 48	5 18	2 0	17 48	0 41	17 30	1 15	21 39	0 32	22 26	1 4	1 13	15 37	12 52	12 23	7 6	11 34	1 13	22 4	17 16	4 59	15 21	2 41	11 24	1 48
S 24	22 13	14 32	5 10	15 32	2 39	11 23	1 57	5 7	2 1	17 49	0 41	17 29	1 15	21 39	0 32	22 26	1 4	1 12	15 38	12 50	12 22	7 4	11 33	1 13	22 13	14 32	5 10	15 32	2 39	11 23	1 57
S 25	22 21	10 55	5 2	15 46	2 35	11 22	2 5	4 56	2 2	17 49	0 42	17 27	1 15	21 38	0 32	22 26	1 4	1 12	15 38	12 49	12 21	7 0	11 32	1 13	22 21	10 55	5 2	15 46	2 35	11 22	2 5
M 26	22 29	6 42	4 35	16 1	2 31	11 22	2 13	4 45	2 2	17 50	0 42	17 26	1 15	21 38	0 32	22 26	1 4	1 12	15 38	12 48	12 20	7 0	11 31	1 13	22 29	6 42	4 35	16 1	2 31	11 22	2 13
T 27	22 36	2 8	3 52	16 19	2 26	11 23	2 21	4 34	2 3	17 51	0 42	17 24	1 15	21 37	0 32	22 26	1 4	1 11	15 39	12 48	12 19	6 58	11 30	1 13	22 36	2 8	3 52	16 19	2 26	11 23	2 21
W 28	22 43	2n32	2 54	16 38	2 20	11 25	2 28	4 23	2 4	17 51	0 42	17 23	1 15	21 37	0 32	22 26	1 4	1 11	15 39	12 48	12 18	6 56	11 30	1 13	22 43	2n32	2 54	16 38	2 20	11 25	2 28
T 29	22 49	7 0	1 48	16 59	2 14	11 28	2 35	4 12	2 5	17 52	0 42	17 21	1 15	21 36	0 32	22 26	1 4	1 11	15 39	12 49	12 17	6 54	11 29	1 13	22 49	7 0	1 48	16 59	2 14	11 28	2 35
F 30	22s55	11n 5	0n35	17s20	2n 7	11s32	2n41	4n 1	2n 6	17n53	0n43	17s20	1s15	21s36	0s32	22s26	1n 3	1n10	15n39	12s49	12s15	6n52	11n28	1s17	22s55	11n 5	0n35	17s20	2n 7	11s32	2n41

ASTRODIENST EPHEMERIS for the year 1492

geocentric

DECEMBER 1492 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	5 16 18	18 ³³ 40	10 ⁸ 50	27 ¹¹ 29	8 ¹¹ 7	25 ¹¹ 12	12 ¹² 7	15 ¹¹ 54	25 ¹¹ 42	28 ¹¹ 56	6 ¹¹ 17	3 ¹¹ 47	2 ¹¹ 7	1 ¹¹ 19	3 ¹¹ 11	S 1
S 2	5 20 15	19 ³⁴ 45	24 ¹⁵	28 ³⁹	8 ⁴⁰	25 ⁴¹	12 ¹² 4	15 ⁵⁹	25 ⁴⁵	28 ⁵⁸	6 ¹⁹	3 ¹¹ 45	2 ³	1 ²⁶	3 ⁸ 9	S 2
M 3	5 24 11	20 ³⁵ 51	7 ¹¹ 28	29 ⁵¹	9 ¹⁵	26 ⁹	12 ²	16 ⁴	25 ⁴⁸	29 ⁰	6 ²¹	3 ⁴¹	2 ⁰	1 ³²	3 ⁷	M 3
T 4	5 28 8	21 ³⁶ 58	20 ²⁹	1 ¹¹ 6	9 ⁵²	26 ³⁷	11 ⁵⁹	16 ⁹	25 ⁵¹	29 ³	6 ²²	3 ³⁵	1 ⁵⁷	1 ³⁹	3 ⁵	T 4
W 5	5 32 4	22 ³⁸ 04	3 ¹¹ 27	2 ²²	10 ²⁹	27 ⁵	11 ⁵⁶	16 ¹⁴	25 ⁵⁵	29 ⁵	6 ²⁴	3 ²⁶	1 ⁵⁴	1 ⁴⁶	3 ³	W 5
T 6	5 36 1	23 ³⁹ 12	15 ⁵¹	3 ⁴¹	11 ⁸	27 ³³	11 ⁵³	16 ¹⁹	25 ⁵⁸	29 ⁷	6 ²⁶	3 ¹⁶	1 ⁵¹	1 ⁵²	3 ²	T 6
F 7	5 39 58	24 ⁴⁰ 20	28 ¹³	5 ⁰	11 ⁴⁹	28 ⁰	11 ⁴⁹	16 ²⁵	26 ¹	29 ¹⁰	6 ²⁸	3 ⁶	1 ⁴⁸	1 ⁵⁹	3 ⁰	F 7
S 8	5 43 54	25 ⁴¹ 28	10 ¹² 22	6 ²¹	12 ³⁰	28 ²⁸	11 ⁴⁶	16 ³⁰	26 ⁴	29 ¹²	6 ³⁰	2 ⁵⁷	1 ⁴⁴	2 ⁶	2 ⁵⁹	S 8
S 9	5 47 51	26 ⁴² 37	22 ²¹	7 ⁴⁴	13 ¹³	28 ⁵⁵	11 ⁴²	16 ³⁶	26 ⁷	29 ¹⁴	6 ³¹	2 ⁵⁰	1 ⁴¹	2 ¹³	2 ⁵⁷	S 9
M10	5 51 47	27 ⁴³ 46	4 ¹¹ 13	9 ⁷	13 ⁵⁶	29 ²²	11 ³⁸	16 ⁴¹	26 ¹⁰	29 ¹⁶	6 ³³	2 ⁴⁴	1 ³⁸	2 ¹⁹	2 ⁵⁶	M10
T 11	5 55 44	28 ⁴⁴ 56	16 ³	10 ³¹	14 ⁴¹	29 ⁴⁸	11 ³⁴	16 ⁴⁷	26 ¹³	29 ¹⁹	6 ³⁵	2 ⁴¹	1 ³⁵	2 ²⁶	2 ⁵⁴	T 11
W12	5 59 40	29 ⁴⁶ 06	27 ⁵⁵	11 ⁵⁶	15 ²⁷	0 ¹¹ 15	11 ³⁰	16 ⁵²	26 ¹⁷	29 ²¹	6 ³⁷	2 ¹¹ 40	1 ³²	2 ³³	2 ⁵³	W12
T 13	6 3 37	0 ¹¹ 4717	9 ¹¹ 55	13 ²²	16 ¹³	0 ⁴¹	11 ²⁵	16 ⁵⁸	26 ²⁰	29 ²³	6 ³⁸	2 ⁴⁰	1 ²⁹	2 ³⁹	2 ⁵²	T 13
F 14	6 7 33	1 ⁴⁸ 28	22 ⁷	14 ⁴⁹	17 ¹	1 ⁷	11 ²⁰	17 ⁴	26 ²³	29 ²⁵	6 ⁴⁰	2 ⁴¹	1 ²⁵	2 ⁴⁶	2 ⁵⁰	F 14
S 15	6 11 30	2 ⁴⁹ 40	4 ¹¹ 37	16 ¹⁶	17 ⁵⁰	1 ³²	11 ¹⁶	17 ¹⁰	26 ²⁶	29 ²⁸	6 ⁴¹	2 ¹¹ 41	1 ²²	2 ⁵³	2 ⁴⁹	S 15
S 16	6 15 27	3 ⁵⁰ 52	17 ³⁰	17 ⁴⁴	18 ³⁹	1 ⁵⁸	11 ¹¹	17 ¹⁶	26 ³⁰	29 ³⁰	6 ⁴³	2 ⁴⁰	1 ¹⁹	2 ⁵⁹	2 ⁴⁸	S 16
M17	6 19 23	4 ⁵² 04	0 ¹¹ 48	19 ¹²	19 ²⁹	2 ²³	11 ⁶	17 ²²	26 ³³	29 ³²	6 ⁴⁴	2 ³⁷	1 ¹⁶	3 ⁶	2 ⁴⁷	M17
T 18	6 23 20	5 ⁵³ 16	14 ³²	20 ⁴¹	20 ²⁰	2 ⁴⁸	11 ⁰	17 ²⁸	26 ³⁶	29 ³⁵	6 ⁴⁶	2 ³¹	1 ¹³	3 ¹³	2 ⁴⁶	T 18
W19	6 27 16	6 ⁵⁴ 29	28 ⁴¹	22 ¹¹	21 ¹²	3 ¹³	10 ⁵⁵	17 ³⁴	26 ⁴⁰	29 ³⁷	6 ⁴⁷	2 ²²	1 ⁹	3 ²⁰	2 ⁴⁵	W19
T 20	6 31 13	7 ⁵⁵ 41	13 ¹¹ 21	23 ⁴¹	22 ⁴	3 ³⁷	10 ⁴⁹	17 ⁴⁰	26 ⁴³	29 ³⁹	6 ⁴⁹	2 ¹²	1 ⁶	3 ²⁶	2 ⁴⁴	T 20
F 21	6 35 9	8 ⁵⁶ 53	27 ⁵⁴	25 ¹¹	22 ⁵⁸	4 ¹	10 ⁴³	17 ⁴⁶	26 ⁴⁷	29 ⁴¹	6 ⁵⁰	2 ¹	1 ³	3 ³³	2 ⁴³	F 21
S 22	6 39 6	9 ⁵⁸ 05	12 ¹¹ 42	26 ⁴²	23 ⁵¹	4 ²⁵	10 ³⁸	17 ⁵²	26 ⁵⁰	29 ⁴⁴	6 ⁵²	1 ⁵¹	1 ⁰	3 ⁴⁰	2 ⁴³	S 22
S 23	6 43 3	10 ⁵⁹ 17	27 ²⁸	28 ¹³	24 ⁴⁶	4 ⁴⁹	10 ³¹	17 ⁵⁸	26 ⁵³	29 ⁴⁶	6 ⁵³	1 ⁴²	0 ⁵⁷	3 ⁴⁶	2 ⁴²	S 23
M24	6 46 59	12 ⁰ 28	12 ¹¹ 3	29 ⁴⁵	25 ⁴¹	5 ¹²	10 ²⁵	18 ⁵	26 ⁵⁷	29 ⁴⁸	6 ⁵⁴	1 ³⁶	0 ⁵⁴	3 ⁵³	2 ⁴¹	M24
T 25	6 50 56	13 ¹ 38	26 ²³	1 ¹¹ 37	26 ³⁷	5 ³⁵	10 ¹⁹	18 ¹¹	27 ⁰	29 ⁵⁰	6 ⁵⁶	1 ³³	0 ⁵⁰	4 ⁰	2 ⁴¹	T 25
W26	6 54 52	14 ² 47	10 ¹¹ 26	2 ⁵⁰	27 ³³	5 ⁵⁷	10 ¹³	18 ¹⁷	27 ⁴	29 ⁵²	6 ⁵⁷	1 ¹¹ 32	0 ⁴⁷	4 ⁶	2 ⁴⁰	W26
T 27	6 58 49	15 ³ 56	24 ¹²	4 ²³	28 ³⁰	6 ²⁰	10 ⁶	18 ²⁴	27 ⁷	29 ⁵⁵	6 ⁵⁸	1 ¹¹ 32	0 ⁴⁴	4 ¹³	2 ⁴⁰	T 27
F 28	7 2 45	16 ⁵ 05	7 ¹¹ 42	5 ⁵⁶	29 ²⁷	6 ⁴²	9 ⁵⁹	18 ³⁰	27 ¹¹	29 ⁵⁷	6 ⁵⁹	1 ³²	0 ⁴¹	4 ²⁰	2 ³⁹	F 28
S 29	7 6 42	17 ⁶ 12	20 ⁵⁷	7 ³⁰	0 ¹¹ 25	7 ³	9 ⁵²	18 ³⁷	27 ¹⁴	29 ⁵⁹	7 ⁰	1 ³¹	0 ³⁸	4 ²⁷	2 ³⁹	S 29
S 30	7 10 38	18 ⁷ 19	3 ¹¹ 59	9 ⁵	1 ²⁴	7 ²⁵	9 ⁴⁶	18 ⁴³	27 ¹⁸	0 ¹¹ 3	7 ²	1 ²⁷	0 ³⁵	4 ³³	2 ³⁹	S 30
M31	7 14 35	19 ⁸ 26	16 ¹¹ 50	10 ¹¹ 40	2 ¹¹ 22	7 ¹¹ 46	9 ¹¹ 39	18 ¹¹ 50	27 ¹¹ 21	0 ¹¹ 3	7 ¹¹ 3	1 ¹¹ 20	0 ¹¹ 31	4 ¹¹ 40	2 ¹¹ 39	M31

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23s 1	14n31	0s38	17s42	2n 0	11s37	2n47	3n51	2n 6	17n54	0n43	17s18	1s15	21s35	0s32	22s26	1n 3	1n10	15n40	12s49	12s14	6n50	11n28	1s13			
S 2	23 6	17 8	1 48	18 4	1 53	11 42	2 53	3 40	2 7	17 55	0 43	17 17	1 15	21 34	0 32	22 26	1 3	1 10	15 40	12 48	12 13	6 48	11 27	1 13			
M 3	23 10	18 48	2 51	18 27	1 46	11 48	2 59	3 29	2 8	17 56	0 43	17 15	1 15	21 34	0 32	22 26	1 3	1 9	15 40	12 47	12 12	6 46	11 26	1 13			
T 4	23 14	19 26	3 45	18 50	1 38	11 54	3 4	3 19	2 9	17 57	0 44	17 14	1 15	21 33	0 32	22 27	1 3	1 9	15 41	12 44	12 11	6 44	11 26	1 13			
W 5	23 18	19 3	4 25	19 13	1 30	12 1	3 9	3 9	2 10	17 58	0 44	17 12	1 15	21 33	0 32	22 27	1 3	1 9	15 41	12 42	12 10	6 42	11 25	1 13			
T 6	23 21	17 43	4 52	19 36	1 22	12 9	3 13	2 58	2 10	17 59	0 44	17 11	1 15	21 32	0 32	22 27	1 3	1 9	15 41	12 38	12 9	6 40	11 24	1 13			
F 7	23 24	15 36	5 5	19 58	1 14	12 17	3 17	2 48	2 11	18 0	0 44	17 9	1 15	21 31	0 32	22 27	1 3	1 8	15 42	12 35	12 8	6 38	11 24	1 13			
S 8	23 26	12 49	5 3	20 20	1 7	12 26	3 21	2 38	2 12	18 1	0 45	17 7	1 15	21 31	0 32	22 27	1 3	1 8	15 42	12 32	12 7	6 36	11 23	1 13			
S 9	23 28	9 33	4 49	20 42	0 59	12 36	3 25	2 28	2 13	18 2	0 45	17 6	1 15	21 30	0 32	22 27	1 3	1 8	15 42	12 29	12 6	6 34	11 23	1 13			
M10	23 29	5 56	4 21	21 2	0 51	12 45	3 28	2 18	2 14	18 4	0 45	17 4	1 15	21 30	0 32	22 27	1 3	1 8	15 43	12 27	12 4	6 32	11 22	1 13			
T 11	23 30	2 5	3 43	21 23	0 43	12 56	3 31	2 8	2 15	18 5	0 45	17 2	1 15	21 29	0 32	22 27	1 3	1 8	15 43	12 26	12 3	6 30	11 22	1 13			
W12	23 30	1s51	2 55	21 42	0 35	13 6	3 34	1 58	2 15	18 6	0 45	17 0	1 15	21 28	0 32	22 27	1 3	1 8	15 44	12 26	12 2	6 28	11 21	1 13			
T 13	23 30	5 45	1 59	22 1	0 27	13 17	3 36	1 49	2 16	18 8	0 46	16 59	1 15	21 28	0 32	22 27	1 3	1 7	15 44	12 26	12 1	6 27	11 21	1 13			
F 14	23 29	9 30	0 56	22 19	0 19	13 28	3 38	1 39	2 17	18 9	0 46	16 57	1 15	21 27	0 32	22 27	1 3	1 7	15 44	12 26	12 0	6 25	11 20	1 14			
S 15	23 28	12 56	0n10	22 36	0 12	13 40	3 40	1 30	2 18	18 11	0 46	16 55	1 15	21 27	0 32	22 27	1 3	1 7	15 45	12 26	11 59	6 23	11 20	1 14			
S 16	23 27	15 51	1 18	22 52	0 4	13 52	3 42	1 20	2 19	18 13	0 46	16 53	1 15	21 26	0 32	22 27	1 3	1 7	15 45	12 26	11 58	6 21	11 19	1 14			
M17	23 25	18 1	2 24	23 7	0s 3	14 4	3 43	1 11	2 20	18 14	0 47	16 51	1 15	21 25	0 32	22 27	1 3	1 7	15 46	12 25	11 57	6 19	11 19	1 14			
T 18	23 22	19 14	3 24	23 21	0 10	14 16	3 45	1 2	2 21	18 16	0 47	16 50	1 15	21 25	0 32	22 27	1 3	1 7	15 46	12 23	11 56	6 17	11 19	1 14			
W19	23 19	19 17	4 12	23 34	0 17	14 28	3 46	0 53	2 22	18 18	0 47	16 48	1 15	21 24	0 32	22 27	1 3	1 7	15 46	12 20	11 54	6 15	11 18	1 14			
T 20	23 16	18 6	4 46	23 45	0 24	14 41	3 47	0 44	2 22	18 19	0 47	16 46	1 15	21 23	0 32	22 27	1 3	1 7	15 47	12 16	11 53	6 13	11 18	1 14			
F 21	23 12	15 42	5 2	23 56	0 31	14 54	3 47	0 35	2 23	18 21	0 47	16 44	1 15	21 23	0 32	22 27	1 3	1 7	15 47	12 12	11 52	6 11	11 18	1 14			
S 22	23 8	12 17	4 57	24 5	0 38	15 7	3 48	0 27	2 24	18 23	0 48	16 42	1 15	21 22	0 32	22 27	1 3	1 7	15 48	12 9	11 51	6 9	11 17	1 14			
S 23	23 3	8 7	4 33	24 14	0 44	15 19	3 48	0 18	2 25	18 25	0 48	16 40	1 15	21 21	0 32	22 27	1 3	1 7	15 48	12 6	11 50	6 7	11 17	1 14			
M24	22 58	3 30	3 51	24 21	0 51	15 32	3 48	0 10	2 26	18 27	0 48	16 38	1 15	21 21	0 32	22 27	1 3	1 7	15 49	12 4	11 49	6 5	11 17	1 14			
T 25	22 52	1n14	2 55	24 26	0 57	15 45	3 48	0 1	2 27	18 29	0 48	16 36	1 15	21 20	0 32	22 27	1 3	1 7	15 49	12 3	11 48	6 3	11 17	1 14			
W26	22 46	5 49	1 49	24 31	1 3	15 58	3 47	0s 7	2 28	18 30	0 48	16 34	1 15	21 19	0 32	22 27	1 3	1 7	15 49	12 2	11 47	6 1	11 17	1 14			
T 27	22 39	10 1	0 39	24 34	1 8	16 11	3 47	0 15	2 29	18 32	0 49	16 32	1 15	21 19	0 32	22 27	1 3	1 7	15 50	12 2	11 46	5 59	11 16	1 14			
F 28	22 32	13 36	0s33	24 36	1 14	16 24	3 46	0 23	2 30	18 34	0 49	16 30	1 15	21 18	0 32	22 27	1 3	1 7	15 50	12 2	11 44	5 57	11 16	1 14			
S 29	22 24	16 25	1 41	24 36	1 19	16 37	3 45	0 30	2 31	18 36	0 49	16 28	1 15	21 17	0 32	22 27	1 3	1 7	15 51	12 2	11 43	5 55	11 16	1 14			
S 30	22 16	18 20	2 43	24 35	1 24	16 50	3 44	0 38	2 32	18 38	0 49	16 26	1 15	21 17	0 32	22 27	1 3	1 7	15 51	12 0	11 42	5 53	11 16	1 14			
M31	22s 8	19n17	3s35	24s33	1s29	17s 3	3n43	0s45	2n32	18n41	0n49	16s24	1s15	21s16	0s32	22s27	1n 3	1n 7	15n52	11s58	11s41	5n51	11n16	1s14			