



Astrodienst Ephemeris Tables for the year 1427

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 1427

geocentric

JANUARY 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	7 14 31	19°3'53"	23°24'	8°17'	3°42'	24°R22	4°32'	6°26'	5°12'	6°R34	2°R30	18°R 3	17°2'	19°5'	23°44'	W 1
T 2	7 18 27	20°11'00"	5°26'	9°51'	4°51'	24°R10	4°46'	6°32'	5°13'	6°R33	2°R29	17°R53	16°59'	19°12'	23°47'	T 2
F 3	7 22 24	21°12'07"	17°20'	11°25'	5°59'	23°58'	5° 0'	6°37'	5°14'	6°31'	2°28'	17°45'	16°56'	19°19'	23°51'	F 3
S 4	7 26 21	22°13'12"	29°10'	13° 0'	7° 7'	23°45'	5°13'	6°43'	5°16'	6°29'	2°26'	17°40'	16°53'	19°26'	23°55'	S 4
S 5	7 30 17	23°14'17"	10°V59	14°36'	8°16'	23°31'	5°27'	6°49'	5°17'	6°28'	2°25'	17°37'	16°49'	19°32'	23°58'	S 5
M 6	7 34 14	24°15'21"	22°54'	16°13'	9°23'	23°17'	5°40'	6°54'	5°19'	6°26'	2°24'	17°D36	16°46'	19°39'	24° 2'	M 6
T 7	7 38 10	25°16'23"	4°B59	17°50'	10°31'	23° 2'	5°54'	7° 0'	5°21'	6°24'	2°23'	17°36'	16°43'	19°46'	24° 6'	T 7
W 8	7 42 7	26°17'25"	17°20'	19°27'	11°39'	22°46'	6° 8'	7° 5'	5°22'	6°23'	2°22'	17°R37	16°40'	19°52'	24° 9'	W 8
T 9	7 46 3	27°18'25"	0°II 2	21° 5'	12°46'	22°29'	6°21'	7°11'	5°24'	6°21'	2°21'	17°36'	16°37'	19°59'	24°13'	T 9
F 10	7 50 0	28°19'25"	13° 8'	22°44'	13°53'	22°12'	6°34'	7°16'	5°26'	6°19'	2°20'	17°33'	16°33'	20° 6'	24°17'	F 10
S 11	7 53 56	29°20'23"	26°42'	24°23'	15° 0'	21°54'	6°48'	7°21'	5°27'	6°18'	2°19'	17°28'	16°30'	20°12'	24°21'	S 11
S 12	7 57 53	0°21'20"	10°B43	26° 4'	16° 6'	21°35'	7° 1'	7°26'	5°29'	6°16'	2°17'	17°20'	16°27'	20°19'	24°24'	S 12
M13	8 1 50	1°22'16"	25° 9'	27°44'	17°12'	21°16'	7°15'	7°31'	5°31'	6°14'	2°16'	17°10'	16°24'	20°26'	24°28'	M13
T 14	8 5 46	2°23'11"	9°L53	29°26'	18°18'	20°56'	7°28'	7°36'	5°33'	6°13'	2°15'	16°58'	16°21'	20°33'	24°32'	T 14
W15	8 9 43	3°24'05"	24°48'	1°28' 8	19°24'	20°36'	7°41'	7°41'	5°35'	6°11'	2°14'	16°47'	16°18'	20°39'	24°36'	W15
T 16	8 13 39	4°24'58"	9°M43	2°51'	20°30'	20°15'	7°54'	7°46'	5°37'	6° 9'	2°13'	16°37'	16°14'	20°46'	24°40'	T 16
F 17	8 17 36	5°25'49"	24°30'	4°34'	21°35'	19°54'	8° 7'	7°51'	5°39'	6° 8'	2°12'	16°29'	16°11'	20°53'	24°44'	F 17
S 18	8 21 32	6°26'40"	9°A 4	6°19'	22°40'	19°32'	8°21'	7°56'	5°41'	6° 6'	2°11'	16°24'	16° 8'	20°59'	24°48'	S 18
S 19	8 25 29	7°27'30"	23°19'	8° 4'	23°45'	19°10'	8°34'	8° 1'	5°43'	6° 4'	2°10'	16°22'	16° 5'	21° 6'	24°51'	S 19
M20	8 29 25	8°28'19"	7°M14	9°49'	24°49'	18°47'	8°47'	8° 5'	5°45'	6° 3'	2° 9'	16°21'	16° 2'	21°13'	24°55'	M20
T 21	8 33 22	9°29'08"	20°50'	11°36'	25°53'	18°24'	9° 0'	8°10'	5°48'	6° 1'	2° 8'	16°21'	15°59'	21°19'	24°59'	T 21
W22	8 37 19	10°29'55"	4°J 9	13°23'	26°57'	18° 1'	9°12'	8°14'	5°50'	5°59'	2° 7'	16°21'	15°55'	21°26'	25° 3'	W22
T 23	8 41 15	11°30'41"	17°13'	15°11'	28° 0'	17°38'	9°25'	8°19'	5°52'	5°58'	2° 6'	16°18'	15°52'	21°33'	25° 7'	T 23
F 24	8 45 12	12°31'26"	0°Z 4	16°59'	29° 3'	17°14'	9°38'	8°23'	5°54'	5°56'	2° 6'	16°12'	15°49'	21°40'	25°11'	F 24
S 25	8 49 8	13°32'10"	12°44'	18°48'	0°V 6	16°50'	9°51'	8°27'	5°57'	5°54'	2° 5'	16° 3'	15°46'	21°46'	25°15'	S 25
S 26	8 53 5	14°32'53"	25°14'	20°37'	1° 8'	16°26'	10° 4'	8°31'	5°59'	5°53'	2° 4'	15°51'	15°43'	21°53'	25°19'	S 26
M27	8 57 1	15°33'35"	7°A34	22°27'	2°10'	16° 2'	10°16'	8°35'	6° 2'	5°51'	2° 3'	15°37'	15°39'	22° 0'	25°23'	M27
T 28	9 0 58	16°34'14"	19°46'	24°17'	3°12'	15°38'	10°29'	8°39'	6° 4'	5°49'	2° 2'	15°23'	15°36'	22° 6'	25°27'	T 28
W29	9 4 54	17°34'53"	1°K50	26° 7'	4°13'	15°14'	10°41'	8°43'	6° 7'	5°48'	2° 1'	15° 8'	15°33'	22°13'	25°31'	W29
T 30	9 8 51	18°35'29"	13°47'	27°58'	5°14'	14°50'	10°54'	8°47'	6° 9'	5°46'	2° 0'	14°55'	15°30'	22°20'	25°36'	T 30
F 31	9 12 48	19°36'05"	25°K38	29°48'	6°V15	14°R27	11°Z 6	8°J51	6°V12	5°R44	2°B 0	14°B44	15°B27	22°K26	25°A40	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	decl lat
W 1	22s 8	18s30	5s 2	24s32	1s17	11s14	1s 8	17n13	4n 1	23s23	0n 3	19s47	1n41	1n27	0s41	18n42
T 2	22 0	14 2	4 49	24 31	1 22	10 46	1 4	17 19	4 3	23 22	0 3	19 48	1 41	1 27	0 41	18 43
F 3	21 50	9 4	4 24	24 28	1 27	10 17	1 0	17 25	4 5	23 22	0 3	19 49	1 41	1 28	0 41	18 43
S 4	21 41	3 49	3 48	24 24	1 32	9 48	0 57	17 32	4 7	23 22	0 3	19 50	1 41	1 29	0 41	18 44
S 5	21 30	1n34	3 2	24 18	1 36	9 19	0 53	17 38	4 9	23 21	0 3	19 51	1 41	1 29	0 41	18 44
M 6	21 20	6 58	2 8	24 11	1 40	8 49	0 49	17 45	4 11	23 21	0 3	19 52	1 42	1 30	0 41	18 44
T 7	21 9	12 11	1 7	24 3	1 44	8 20	0 44	17 52	4 13	23 20	0 3	19 53	1 42	1 31	0 41	18 45
W 8	20 58	17 2	0 1	23 52	1 48	7 50	0 40	17 59	4 15	23 20	0 3	19 53	1 42	1 31	0 41	18 45
T 9	20 46	21 17	1n 5	23 41	1 51	7 21	0 36	18 6	4 16	23 19	0 3	19 54	1 42	1 32	0 40	18 46
F 10	20 34	24 37	2 11	23 28	1 54	6 51	0 31	18 13	4 18	23 19	0 3	19 55	1 42	1 33	0 40	18 46
S 11	20 21	26 40	3 11	23 13	1 56	6 21	0 27	18 21	4 20	23 18	0 2	19 56	1 42	1 33	0 40	18 47
S 12	20 8	27 6	4 2	22 57	1 59	5 50	0 22	18 28	4 21	23 17	0 2	19 57	1 42	1 34	0 40	18 47
M13	19 55	25 45	4 39	22 39	2 0	5 20	0 17	18 36	4 23	23 17	0 2	19 57	1 42	1 35	0 40	18 47
T 14	19 41	22 37	4 58	22 19	2 2	4 50	0 13	18 44	4 24	23 16	0 2	19 58	1 42	1 36	0 40	18 48
W15	19 27	17 58	4 58	21 58	2 3	4 19	0 8	18 52	4 25	23 15	0 2	19 59	1 42	1 37	0 40	18 48
T 16	19 13	12 13	4 57	21 36	2 4	3 49	0 3	18 59	4 27	23 15	0 2	20 0	1 42	1 37	0 40	18 49
F 17	18 58	5 49	3 38	21 11	2 4	3 19	0n 3	19 7	4 28	23 14	0 2	20 0	1 42	1 38	0 40	18 49
S 18	18 43	0s48	3 3	20 45	2 4	2 48	0 8	19 15	4 29	23 13	0 2	20 1	1 42	1 39	0 40	18 50
S 19	18 28	7 15	1 59	20 18	2 3	2 17	0 13	19 23	4 30	23 13	0 2	20 2	1 43	1 40	0 40	18 50
M20	18 12	13 13	0 48	19 49	2 2	1 47	0 19	19 31	4 31	23 12	0 2	20 2	1 43	1 41	0 40	18 50
T 21	17 56	18 24	0s24	19 18	2 1	1 16	0 24	19 39	4 31	23 11	0 1	20 3	1 43	1 42	0 40	18 51
W22	17 40	22 34	1 33	18 45	1 59	0 46	0 30	19 47	4 32	23 10	0 1	20 3	1 43	1 43	0 40	18 51
T 23	17 23	25 28	2 35	18 11	1 56	0 15	0 35	19 55	4 32	23 10	0 1	20 4	1 43	1 44	0 40	18 52
F 24	17 6	27 0	3 29	17 36	1 53	0n15	0 41	20 3	4 33	23 9	0 1	20 5	1 43	1 45	0 40	18 52
S 25	16 49	27 4	4 11	16 59	1 50	0 45	0 47	20 10	4 33	23 8	0 1	20 5	1 43	1 45	0 40	18 53
S 26	16 31	25 45	4 40	16 20	1 46	1 16	0 53	20 18	4 33	23 7	0 1	20 6	1 43	1 46	0 40	18 53
M27	16 13	23 12	4 56	15 40	1 41	1 46	0 59	20 25	4 34	23 6	0 1	20 6	1 43	1 47	0 40	18 53
T 28	15 55	19 39	4 58	14 58	1 35	2 16	1 5	20 33	4 33	23 5	0 1	20 7	1 43	1 48	0 40	18 54
W29	15 37	15 19	4 47	14 15	1 29	2 46	1 11	20 40	4 33	23 4	0 1	20 7	1 43	1 49	0 40	18 54
T 30	15 18	10 26	4 23	13 31	1 23	3 16	1 17	20 47	4 33	23 3	0 1	20 8	1 44	1 51	0 40	18 55
F 31	14s59	5s13	3s47	12s45	1s15	3n46	1n24	20n54	4n33	23s 3	0n 0	20s 8	1n44	1n52	0s40	18n55

Julian Day Number = 2242269.5, Delta T = 07m09s

Ecliptic obliquity = 23°30'55", Nutation = - 0°00'11", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°44'48", Lahiri = 15°51'49" Julian Calendar 1 Jan. 1427 == Greg. Calendar 10 Jan. 1427

ASTRODIENST EPHEMERIS for the year 1427

geocentric

FEBRUARY 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	9 16 44	20°36'38	7°27	1°37	7°15	14°R 3	11°18	8°55	6°14	5°R43	1°R59	14°R36	15°24	22°33	25°44	S 1
S 2	9 20 41	21°37'09	19°15	3°26	8°14	13°240	11°31	8°58	6°17	5°241	1°58	14°31	15°20	22°40	25°48	S 2
M 3	9 24 37	22°37'39	18° 8	5°14	9°13	13°17	11°43	9° 2	6°20	5°39	1°57	14°29	15°17	22°47	25°52	M 3
T 4	9 28 34	23°38'07	13°11	7° 1	10°12	12°54	11°55	9° 5	6°22	5°38	1°57	14°D28	15°14	22°53	25°56	T 4
W 5	9 32 30	24°38'33	25°28	8°46	11°10	12°31	12° 7	9° 8	6°25	5°36	1°56	14°R28	15°11	23° 0	26° 0	W 5
T 6	9 36 27	25°38'57	8°11	4	10°28	12° 7	12° 9	9°12	6°28	5°35	1°55	14°28	15° 8	23° 7	26° 4	T 6
F 7	9 40 23	26°39'19	21° 6	12° 8	13° 4	11°48	12°31	9°15	6°31	5°33	1°55	14°26	15° 5	23°13	26° 8	F 7
S 8	9 44 20	27°39'39	4°36	13°45	14° 1	11°27	12°43	9°18	6°34	5°32	1°54	14°21	15° 1	23°20	26°12	S 8
S 9	9 48 17	28°39'58	18°36	15°18	14°56	11° 6	12°54	9°21	6°36	5°30	1°53	14°14	14°58	23°27	26°16	S 9
M10	9 52 13	29°40'14	3°2	16°47	15°52	10°46	13° 6	9°24	6°39	5°28	1°53	14° 5	14°55	23°33	26°20	M10
T 11	9 56 10	0°40'28	18° 0	18°11	16°46	10°26	13°18	9°27	6°42	5°27	1°52	13°54	14°52	23°40	26°24	T 11
W12	10 0 6	1°40'40	3°19	19°30	17°40	10° 7	13°29	9°29	6°45	5°25	1°52	13°43	14°49	23°47	26°28	W12
T 13	10 4 3	2°40'51	18°24	20°42	18°34	9°49	13°40	9°32	6°48	5°24	1°51	13°33	14°45	23°53	26°32	T 13
F 14	10 7 59	3°40'59	3°24	21°48	19°26	9°31	13°52	9°34	6°51	5°23	1°51	13°26	14°42	24° 0	26°36	F 14
S 15	10 11 56	4°41'06	18°28	22°46	20°18	9°14	14° 3	9°37	6°54	5°21	1°50	13°21	14°39	24° 7	26°41	S 15
S 16	10 15 52	5°41'11	3°11	23°37	21° 9	8°57	14°14	9°39	6°57	5°20	1°50	13°19	14°36	24°14	26°45	S 16
M17	10 19 49	6°41'15	17° 9	24°19	21°59	8°42	14°25	9°41	7° 0	5°18	1°49	13°D18	14°33	24°20	26°49	M17
T 18	10 23 46	7°41'17	0°51	24°53	22°49	8°27	14°36	9°44	7° 3	5°17	1°49	13°19	14°30	24°27	26°53	T 18
W19	10 27 42	8°41'18	14°10	25°18	23°38	8°12	14°47	9°46	7° 6	5°16	1°48	13°R19	14°26	24°34	26°57	W19
T 20	10 31 39	9°41'17	27° 9	25°34	24°26	7°59	14°58	9°48	7° 9	5°14	1°48	13°17	14°23	24°40	27° 1	T 20
F 21	10 35 35	10°41'14	9°50	25°R41	25°13	7°46	15° 8	9°49	7°13	5°13	1°48	13°13	14°20	24°47	27° 5	F 21
S 22	10 39 32	11°41'10	22°18	25°39	25°59	7°34	15°19	9°51	7°16	5°12	1°47	13° 7	14°17	24°54	27° 9	S 22
S 23	10 43 28	12°41'04	4°34	25°29	26°44	7°22	15°30	9°53	7°19	5°10	1°47	12°58	14°14	25° 0	27°12	S 23
M24	10 47 25	13°40'56	16°42	25°10	27°28	7°12	15°40	9°54	7°22	5° 9	1°47	12°47	14°11	25° 7	27°16	M24
T 25	10 51 21	14°40'46	28°43	24°44	28°11	7° 2	15°50	9°56	7°25	5° 8	1°46	12°36	14° 7	25°14	27°20	T 25
W26	10 55 18	15°40'34	10°39	24°10	28°53	6°53	16° 0	9°57	7°29	5° 7	1°46	12°24	14° 4	25°20	27°24	W26
T 27	10 59 15	16°40'20	22°31	23°30	29°34	6°45	16°10	9°59	7°32	5° 5	1°46	12°14	14° 1	25°27	27°28	T 27
F 28	11 3 11	17°40'04	4°20	22°45	0°14	6°38	16°20	10° 0	7°35	5° 4	1°46	12° 6	13°58	25°34	27°32	F 28

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	14s40	0n10	3s 2	11s59	1s 7	4n16	1n30	21n 0	4n32	23s 2	0n 0	20s 9	1n44	1n53	0s40	18n56	0n 1	20n30	3s 0	16n16	16n30	6s44	7s42	5n36			
S 2	14 21	5 34	2 9	11 11	0 58	4 45	1 37	21 7	4 32	23 1	0 0	20 9	1 44	1 54	0 40	18 56	0 1	20 30	3 0	16 15	16 29	6 41	7 41	5 36			
M 3	14 1	10 49	1 10	10 23	0 49	5 15	1 43	21 13	4 31	23 0	0 0	20 10	1 44	1 55	0 40	18 56	0 1	20 30	3 0	16 14	16 28	6 38	7 40	5 36			
T 4	13 41	15 44	0 7	9 34	0 39	5 44	1 50	21 19	4 30	22 59	0 0	20 10	1 44	1 56	0 40	18 57	0 1	20 30	3 0	16 14	16 27	6 34	7 38	5 36			
W 5	13 21	20 7	0n58	8 45	0 28	6 13	1 56	21 24	4 29	22 58	0s 0	20 10	1 44	1 57	0 40	18 57	0 1	20 31	3 0	16 14	16 26	6 31	7 37	5 36			
T 6	13 1	23 43	2 2	7 55	0 17	6 42	2 3	21 30	4 29	22 57	0 0	20 11	1 44	1 58	0 40	18 58	0 1	20 31	2 59	16 14	16 26	6 28	7 36	5 36			
F 7	12 40	26 13	3 1	7 6	0 5	7 10	2 10	21 35	4 27	22 56	0 0	20 11	1 44	1 59	0 40	18 58	0 1	20 31	2 59	16 13	16 25	6 25	7 35	5 36			
S 8	12 19	27 18	3 53	6 17	0n 8	7 39	2 17	21 40	4 26	22 55	0 0	20 12	1 45	2 0	0 40	18 58	0 1	20 31	2 59	16 12	16 24	6 22	7 33	5 36			
S 9	11 59	26 43	4 32	5 29	0 21	8 7	2 24	21 44	4 25	22 54	0 0	20 12	1 45	2 2	0 40	18 59	0 1	20 31	2 59	16 10	16 23	6 19	7 32	5 36			
M10	11 37	24 19	4 56	4 42	0 35	8 35	2 31	21 49	4 24	22 53	0 1	20 12	1 45	2 3	0 40	18 59	0 1	20 31	2 59	16 7	16 22	6 15	7 31	5 36			
T 11	11 16	20 15	5 1	3 56	0 49	9 2	2 38	21 53	4 22	22 52	0 1	20 13	1 45	2 4	0 39	19 0	0 2	20 31	2 59	16 4	16 21	6 12	7 29	5 36			
W12	10 55	14 48	4 44	3 12	1 3	9 29	2 45	21 57	4 21	22 51	0 1	20 13	1 45	2 5	0 39	19 0	0 2	20 31	2 59	16 0	16 20	6 9	7 28	5 36			
T 13	10 33	8 24	4 8	2 31	1 18	9 56	2 52	22 0	4 19	22 50	0 1	20 13	1 45	2 6	0 39	19 0	0 2	20 32	2 59	15 57	16 19	6 6	7 27	5 36			
F 14	10 11	1 33	3 14	1 51	1 32	10 23	2 59	22 4	4 18	22 48	0 1	20 13	1 45	2 7	0 39	19 1	0 2	20 32	2 59	15 55	16 18	6 3	7 25	5 36			
S 15	9 49	5s17	2 8	1 15	1 46	10 49	3 6	22 7	4 16	22 47	0 1	20 14	1 45	2 9	0 39	19 1	0 2	20 32	2 58	15 54	16 17	6 0	7 24	5 36			
S 16	9 27	11 42	0 54	0 42	2 1	11 16	3 13	22 9	4 14	22 46	0 1	20 14	1 46	2 10	0 39	19 1	0 2	20 32	2 58	15 53	16 16	5 56	7 23	5 36			
M17	9 5	17 20	0s20	0 12	2 15	11 41	3 20	22 12	4 12	22 45	0 1	20 14	1 46	2 11	0 39	19 2	0 2	20 32	2 58	15 53	16 15	5 53	7 21	5 36			
T 18	8 43	21 54	1 32	0n13	2 28	12 7	3 28	22 14	4 10	22 44	0 1	20 14	1 46	2 12	0 39	19 2	0 2	20 32	2 58	15 53	16 14	5 50	7 20	5 36			
W19	8 20	25 10	2 37	0 35	2 41	12 32	3 35	22 16	4 9	22 43	0 2	20 14	1 46	2 14	0 39	19 2	0 2	20 32	2 58	15 53	16 13	5 47	7 18	5 36			
T 20	7 58	27 0	3 31	0 52	2 53	12 56	3 42	22 18	4 7	22 42	0 2	20 15	1 46	2 15	0 39	19 3	0 2	20 32	2 58	15 53	16 12	5 44	7 17	5 36			
F 21	7 35	27 22	4 14	1 5	3 4	13 20	3 49	22 19	4 5	22 41	0 2	20 15	1 46	2 16	0 39	19 3	0 2	20 33	2 58	15 51	16 11	5 40	7 16	5 36			
S 22	7 12	26 20	4 44	1 13	3 13	13 44	3 57	22 20	4 2	22 40	0 2	20 15	1 46	2 17	0 39	19 3	0 2	20 33	2 58	15 50	16 11	5 37	7 14	5 36			
S 23	6 49	24 2	5 0	1 17	3 22	14 7	4 4	22 21	4 0	22 39	0 2	20 15	1 46	2 19	0 39	19 4	0 2	20 33	2 57	15 47	16 10	5 34	7 13	5 36			
M24	6 26	20 41	5 3	1 16	3 28	14 30	4 11	22 22	3 58	22 38	0 2	20 15	1 46	2 20	0 39	19 4	0 2	20 33	2 57	15 44	16 9	5 31	7 12	5 36			
T 25	6 3	16 31	4 52	1 10	3 33	14 53	4 19	22 23	3 56	22 37	0 2	20 15	1 47	2 21	0 39	19 4	0 2	20 33	2 57	15 40	16 8	5 28	7 10	5 36			
W26	5 40	11 44	4 28	0 59	3 37	15 15	4 26	22 23	3 54	22 35	0 2	20 15	1 47	2 23	0 39	19 5	0 2	20 33	2 57	15 37	16 7	5 25	7 9	5 36			
T 27	5 17	6 32	3 53	0 45	3 38	15 36	4 33	22 23	3 52	22 34	0 2	20 15	1 47	2 24	0 39	19 5	0 2	20 33	2 57	15 33	16 6	5 21	7 8	5 36			
F 28	4s53	1s 8	3s 7	0n27	3n38	15n57	4n40	22n22	3n49	22s33	0s 3	20s15	1n47	2n25	0s39	19n 5	0n 2	20n33	2s57	15n31	16n 5	5s18	7s 6	5n36			

Julian Day Number = 2242300.5, Delta T = 07m09s

Ecliptic obliquity = 23°30'56, Nutation = - 0°00'11, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°44'52, Lahiri = 15°51'53 Julian Calendar 1 Feb. 1427 == Greg. Calendar 10 Feb. 1427

ASTRODIENST EPHEMERIS for the year 1427

geocentric

MARCH 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	11 7 8	18°39'46	16°9' 9	21°R55	08°52	6°R31	16°30	10°1 1	7°V38	5°R 3	1°R46	12°R 0	13°B55	25°K40	27°≈36	S 1
S 2	11 11 4	19°39'26	28° 0	21°K 3	1°29	6°Q25	16°40	10° 2	7°42	5°Q 2	1°B46	11°B56	13°51	25°47	27°40	S 2
M 3	11 15 1	20°39'03	9°B56	20° 8	2° 5	6°20	16°49	10° 3	7°45	5° 1	1°45	11°D55	13°48	25°54	27°44	M 3
T 4	11 18 57	21°38'38	22° 0	19°13	2°40	6°16	16°59	10° 3	7°48	5° 0	1°45	11°56	13°45	26° 1	27°47	T 4
W 5	11 22 54	22°38'12	4°II17	18°18	3°13	6°13	17° 8	10° 4	7°52	4°59	1°45	11°57	13°42	26° 7	27°51	W 5
T 6	11 26 50	23°37'42	16°52	17°25	3°45	6°10	17°18	10° 5	7°55	4°58	1°45	11°58	13°39	26°14	27°55	T 6
F 7	11 30 47	24°37'11	29°49	16°35	4°15	6° 8	17°27	10° 5	7°58	4°57	1°D45	11°R58	13°36	26°21	27°59	F 7
S 8	11 34 44	25°36'37	13°B11	15°48	4°44	6° 7	17°36	10° 5	8° 2	4°56	1°45	11°56	13°32	26°27	28° 2	S 8
S 9	11 38 40	26°36'01	27° 3	15° 5	5°11	6°D 7	17°45	10° 6	8° 5	4°55	1°45	11°53	13°29	26°34	28° 6	S 9
M10	11 42 37	27°35'22	11°Q23	14°26	5°36	6° 7	17°53	10° 6	8° 9	4°54	1°45	11°48	13°26	26°41	28°10	M10
T 11	11 46 33	28°34'41	26° 9	13°53	5°59	6° 8	18° 2	10°R 6	8°12	4°53	1°45	11°42	13°23	26°47	28°13	T 11
W12	11 50 30	29°33'58	11°P15	13°26	6°21	6°10	18°10	10° 6	8°15	4°52	1°45	11°35	13°20	26°54	28°17	W12
T 13	11 54 26	0°Y33'13	26°31	13° 4	6°41	6°12	18°19	10° 6	8°19	4°52	1°46	11°29	13°16	27° 1	28°21	T 13
F 14	11 58 23	1°32'25	11°A48	12°48	6°59	6°16	18°27	10° 6	8°22	4°51	1°46	11°25	13°13	27° 7	28°24	F 14
S 15	12 2 19	2°31'35	26°54	12°37	7°14	6°20	18°35	10° 5	8°26	4°50	1°46	11°22	13°10	27°14	28°28	S 15
S 16	12 6 16	3°30'44	11°M41	12°D33	7°28	6°24	18°43	10° 5	8°29	4°49	1°46	11°D21	13° 7	27°21	28°31	S 16
M17	12 10 13	4°29'50	26° 3	12°34	7°40	6°29	18°51	10° 4	8°32	4°49	1°46	11°22	13° 4	27°27	28°35	M17
T 18	12 14 9	5°28'55	9°K58	12°40	7°49	6°35	18°59	10° 4	8°36	4°48	1°46	11°23	13° 1	27°34	28°38	T 18
W19	12 18 6	6°27'58	23°26	12°52	7°56	6°42	19° 6	10° 3	8°39	4°47	1°47	11°25	12°57	27°41	28°41	W19
T 20	12 22 2	7°27'00	6°Z19	13° 8	8° 1	6°49	19°14	10° 2	8°43	4°47	1°47	11°R25	12°54	27°48	28°45	T 20
F 21	12 25 59	8°25'59	19°11	13°30	8° 4	6°57	19°21	10° 1	8°46	4°46	1°47	11°25	12°51	27°54	28°48	F 21
S 22	12 29 55	9°24'57	1°≈35	13°56	8°R 4	7° 5	19°28	10° 0	8°50	4°46	1°48	11°23	12°48	28° 1	28°52	S 22
S 23	12 33 52	10°23'53	13°46	14°27	8° 2	7°14	19°35	9°59	8°53	4°45	1°48	11°19	12°45	28° 8	28°55	S 23
M24	12 37 48	11°22'47	25°47	15° 2	7°57	7°23	19°42	9°58	8°56	4°45	1°48	11°15	12°42	28°14	28°58	M24
T 25	12 41 45	12°21'39	7°K41	15°40	7°50	7°34	19°49	9°57	9° 0	4°44	1°49	11°10	12°38	28°21	29° 1	T 25
W26	12 45 41	13°20'30	19°32	16°23	7°40	7°44	19°55	9°55	9° 3	4°44	1°49	11° 5	12°35	28°28	29° 4	W26
T 27	12 49 38	14°19'18	1°Y21	17° 9	7°28	7°55	20° 2	9°54	9° 7	4°43	1°50	11° 0	12°32	28°34	29° 8	T 27
F 28	12 53 35	15°18'04	13°11	17°59	7°14	8° 7	20° 8	9°52	9°10	4°43	1°50	10°57	12°29	28°41	29°11	F 28
S 29	12 57 31	16°16'49	25° 4	18°52	6°57	8°20	20°14	9°51	9°14	4°43	1°51	10°54	12°26	28°48	29°14	S 29
S 30	13 1 28	17°15'31	7°B 1	19°47	6°38	8°32	20°20	9°49	9°17	4°42	1°51	10°D53	12°22	28°54	29°17	S 30
M31	13 5 24	18°Y14'12	19°B 5	20°K46	6°B16	8°Q46	20°326	9°K47	9°Y20	4°Q42	1°B52	10°B53	12°B19	29°K 1	29°≈20	M31

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	4s30	4n19	2s14	0n 5	3n35	16n18	4n47	22n22	3n47	22s32	0s 3	20s15	1n47	2n27	0s39	19n 6	0n 2	20n34	2s57	15n29	16n 4	5s15	7s 5	5n36	
S 2	4 6	9 38	1 14	0s20	3 31	16 38	4 55	22 21	3 45	22 31	0 3	20 15	1 47	2 28	0 39	19 6	0 2	20 34	2 57	15 28	16 3	5 12	7 3	5 36	
M 3	3 43	14 40	0 11	0 47	3 25	16 57	5 2	22 20	3 43	22 30	0 3	20 15	1 47	2 29	0 39	19 6	0 2	20 34	2 56	15 28	16 2	5 8	7 2	5 36	
T 4	3 19	19 12	0n54	1 16	3 17	17 16	5 9	22 19	3 40	22 29	0 3	20 15	1 47	2 30	0 39	19 6	0 2	20 34	2 56	15 28	16 1	5 5	7 1	5 36	
W 5	2 56	23 0	1 58	1 46	3 7	17 34	5 16	22 18	3 38	22 28	0 3	20 15	1 48	2 32	0 39	19 7	0 2	20 34	2 56	15 28	16 0	5 2	6 59	5 37	
T 6	2 32	25 48	2 57	2 17	2 56	17 51	5 23	22 16	3 36	22 27	0 3	20 15	1 48	2 33	0 39	19 7	0 2	20 34	2 56	15 28	15 59	4 59	6 58	5 37	
F 7	2 9	27 20	3 49	2 48	2 44	18 8	5 29	22 14	3 33	22 26	0 3	20 15	1 48	2 34	0 39	19 7	0 2	20 34	2 56	15 28	15 58	4 56	6 57	5 37	
S 8	1 45	27 21	4 31	3 18	2 31	18 24	5 36	22 13	3 31	22 25	0 3	20 15	1 48	2 36	0 39	19 7	0 2	20 34	2 56	15 28	15 57	4 52	6 55	5 37	
S 9	1 21	25 42	4 59	3 48	2 17	18 40	5 43	22 10	3 29	22 24	0 4	20 15	1 48	2 37	0 39	19 8	0 2	20 35	2 56	15 27	15 56	4 49	6 54	5 37	
M10	0 58	22 22	5 9	4 16	2 2	18 54	5 49	22 8	3 26	22 23	0 4	20 15	1 48	2 39	0 39	19 8	0 2	20 35	2 56	15 25	15 55	4 46	6 53	5 37	
T 11	0 34	17 32	4 59	4 43	1 47	19 8	5 56	22 6	3 24	22 22	0 4	20 15	1 48	2 40	0 39	19 8	0 2	20 35	2 55	15 23	15 54	4 43	6 51	5 37	
W12	0 10	11 31	4 29	5 8	1 31	19 22	6 2	22 3	3 22	22 21	0 4	20 15	1 48	2 41	0 39	19 8	0 2	20 35	2 55	15 21	15 53	4 40	6 50	5 37	
T 13	0n13	4 44	3 39	5 31	1 16	19 34	6 8	22 0	3 20	22 20	0 4	20 15	1 49	2 43	0 39	19 8	0 2	20 35	2 55	15 20	15 52	4 36	6 49	5 37	
F 14	0 37	2s19	2 34	5 51	1 0	19 45	6 13	21 57	3 17	22 19	0 4	20 15	1 49	2 44	0 39	19 9	0 2	20 35	2 55	15 18	15 51	4 33	6 47	5 37	
S 15	1 0	9 11	1 18	6 9	0 45	19 56	6 19	21 54	3 15	22 18	0 4	20 14	1 49	2 45	0 39	19 9	0 2	20 35	2 55	15 17	15 50	4 30	6 46	5 38	
S 16	1 24	15 25	0s 2	6 25	0 30	20 5	6 24	21 50	3 13	22 17	0 4	20 14	1 49	2 47	0 39	19 9	0 2	20 35	2 55	15 17	15 50	4 27	6 45	5 38	
M17	1 48	20 37	1 19	6 38	0 15	20 14	6 29	21 47	3 10	22 16	0 5	20 14	1 49	2 48	0 39	19 9	0 2	20 36	2 55	15 17	15 49	4 23	6 43	5 38	
T 18	2 11	24 29	2 30	6 49	0 1	20 22	6 34	21 43	3 8	22 15	0 5	20 14	1 49	2 49	0 39	19 9	0 2	20 36	2 54	15 18	15 48	4 20	6 42	5 38	
W19	2 35	26 50	3 29	6 57	0s13	20 28	6 39	21 39	3 6	22 14	0 5	20 14	1 49	2 51	0 39	19 10	0 2	20 36	2 54	15 18	15 47	4 17	6 41	5 38	
T 20	2 58	27 37	4 16	7 3	0 27	20 34	6 43	21 35	3 4	22 13	0 5	20 13	1 49	2 52	0 39	19 10	0 2	20 36	2 54	15 18	15 46	4 14	6 39	5 38	
F 21	3 21	26 54	4 49	7 7	0 39	20 38	6 47	21 31	3 2	22 12	0 5	20 13	1 49	2 53	0 39	19 10	0 2	20 36	2 54	15 18	15 45	4 10	6 38	5 39	
S 22	3 45	28 42	5 8	7 8	0 51	20 42	6 50	21 27	2 59	22 11	0 5	20 13	1 50	2 55	0 39	19 10	0 2	20 36	2 54	15 18	15 44	4 7	6 37	5 39	
S 23	4 8	21 43	5 12	7 7	1 3	20 44	6 53	21 23	2 57	22 10	0 5	20 13	1 50	2 56	0 39	19 10	0 2	20 36	2 54	15 17	15 43	4 4	6 35	5 39	
M24	4 31	17 42	5 2	7 3	1 14	20 44	6 55	21 18	2 55	22 9	0 6	20 12	1 50	2 58	0 39	19 10	0 2	20 36	2 54	15 15	15 42	4 1	6 34	5 39	
T 25	4 54	13 2	4 40	6 58	1 24	20 44	6 57	21 13	2 53	22 8	0 6	20 12	1 50	2 59	0 39	19 10	0 2	20 37	2 54	15 14	15 41	3 57	6 33	5 39	
W26	5 17	7 55	4 5	6 50	1 34	20 42	6 59	21 9	2 51	22 8	0 6	20 12	1 50	3 0	0 39	19 10	0 2	20 37	2 53	15 12	15 40	3 54	6 32	5 39	
T 27	5 40	2 31	3 20	6 40	1 43	20 39	7 0	21 4	2 49	22 7	0 6	20 11	1 50	3 2	0 39	19 11	0 2	20 37	2 53	15 11	15 39	3 51	6 30	5 40	
F 28	6 3	2n58	2 26	6 29	1 51	20 35	7 0	20 58	2 47	22 6	0 6	20 11	1 50	3 3	0 39	19 11	0 2	20 37	2 53	15 9	15 38	3 48	6 29	5 40	
S 29	6 25	8 24	1 26	6 15	1 59	20 29	7 0	20 53	2 45	22 5	0 6	20 11	1 50	3 4	0 39	19 11	0 2	20 37	2 53	15 9	15 37	3 44	6 28	5 40	
S 30	6 48	13 34	0 21	6 0	2 6	20 21	6 59	20 48	2 42	22 5	0 6	20 10	1 50	3 6	0 39	19 11	0 2	20 37	2 53	15 8	15 36	3 41	6 27	5 40	
M31	7n10	18n16	0n45	5s42	2s13	20n13	6n58	20n42	2n40	22s 4	0s 6	20s10	1n50	3n 7	0s39	19n11	0n 2	20n37	2s53	15n 8	15n35	3s38	6s26	5n40	

ASTRODIENST EPHEMERIS for the year 1427

geocentric

APRIL 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	13 9 21	19°12'50	1°11'18	21°48'48	5°R52	9°0 0	20°31	9°R45	9°V24	4°R42	1°552	10°B54	12°B16	29°K 8	29°223	T 1
W 2	13 13 17	20°11'26	13°44	22°52	5°B27	9°14	20°37	9°A43	9°27	4°L42	1°53	10°56	12°13	29°14	29°26	W 2
T 3	13 17 14	21°10'00	26°24	23°59	4°59	9°29	20°42	9°41	9°31	4°42	1°53	10°57	12°10	29°21	29°28	T 3
F 4	13 21 10	22° 8'32	9°23	25° 9	4°29	9°44	20°47	9°39	9°34	4°42	1°54	10°59	12° 7	29°28	29°31	F 4
S 5	13 25 7	23° 7'02	22°43	26°20	3°57	10° 0	20°52	9°37	9°37	4°41	1°55	10°R59	12° 3	29°34	29°34	S 5
S 6	13 29 4	24° 5'29	6°026	27°35	3°24	10°16	20°57	9°34	9°41	4°41	1°55	10°59	12° 0	29°41	29°37	S 6
M 7	13 33 0	25° 3'54	20°33	28°51	2°49	10°33	21° 1	9°32	9°44	4°D41	1°56	10°57	11°57	29°48	29°39	M 7
T 8	13 36 57	26° 2'17	5°113	0°V 9	2°14	10°50	21° 6	9°29	9°47	4°41	1°57	10°56	11°54	29°54	29°42	T 8
W 9	13 40 53	27° 0'38	19°52	1°30	1°37	11° 8	21°10	9°27	9°51	4°41	1°57	10°54	11°51	0°V 1	29°45	W 9
T 10	13 44 50	27°58'57	4°53	2°53	1° 0	11°26	21°14	9°24	9°54	4°41	1°58	10°53	11°48	0° 8	29°47	T 10
F 11	13 48 46	28°57'13	19°58	4°18	0°22	11°44	21°18	9°21	9°57	4°42	1°59	10°51	11°44	0°15	29°50	F 11
S 12	13 52 43	29°55'28	4°159	5°44	29°V44	12° 3	21°22	9°18	10° 1	4°42	2° 0	10°D51	11°41	0°21	29°52	S 12
S 13	13 56 39	0°B53'41	19°47	7°13	29° 6	12°22	21°25	9°15	10° 4	4°42	2° 0	10°51	11°38	0°28	29°55	S 13
M14	14 0 36	1°51'53	4°A17	8°44	28°29	12°41	21°29	9°12	10° 7	4°42	2° 1	10°52	11°35	0°35	29°57	M14
T 15	14 4 33	2°50'03	18°17	10°16	27°51	13° 1	21°32	9° 9	10°10	4°42	2° 2	10°52	11°32	0°41	29°59	T 15
W16	14 8 29	3°48'12	1°B54	11°51	27°15	13°22	21°35	9° 6	10°14	4°43	2° 3	10°53	11°28	0°48	0°K 2	W16
T 17	14 12 26	4°46'19	15° 5	13°27	26°40	13°42	21°38	9° 3	10°17	4°43	2° 4	10°53	11°25	0°55	0° 4	T 17
F 18	14 16 22	5°44'24	27°52	15° 6	26° 6	14° 3	21°41	9° 0	10°20	4°43	2° 5	10°54	11°22	1° 1	0° 6	F 18
S 19	14 20 19	6°42'28	10°A19	16°46	25°33	14°24	21°43	8°56	10°23	4°44	2° 6	10°R54	11°19	1° 8	0° 8	S 19
S 20	14 24 15	7°40'31	22°30	18°28	25° 2	14°46	21°45	8°53	10°26	4°44	2° 7	10°54	11°16	1°15	0°10	S 20
M21	14 28 12	8°38'32	4°K30	20°12	24°33	15° 8	21°47	8°50	10°29	4°45	2° 8	10°53	11°13	1°21	0°12	M21
T 22	14 32 8	9°36'32	16°22	21°58	24° 6	15°30	21°49	8°46	10°33	4°45	2° 9	10°53	11° 9	1°28	0°14	T 22
W23	14 36 5	10°34'30	28°11	23°46	23°41	15°53	21°51	8°42	10°36	4°46	2°10	10°D53	11° 6	1°35	0°16	W23
T 24	14 40 2	11°32'27	10°V 0	25°36	23°18	16°16	21°53	8°39	10°39	4°46	2°11	10°53	11° 3	1°41	0°18	T 24
F 25	14 43 58	12°30'22	21°53	27°28	22°57	16°39	21°54	8°35	10°42	4°47	2°12	10°53	11° 0	1°48	0°20	F 25
S 26	14 47 55	13°28'17	3°B52	29°21	22°39	17° 2	21°55	8°31	10°45	4°47	2°13	10°53	10°57	1°55	0°22	S 26
S 27	14 51 51	14°26'09	15°59	1°B17	22°23	17°26	21°56	8°28	10°48	4°48	2°14	10°R53	10°54	2° 1	0°23	S 27
M28	14 55 48	15°24'00	28°17	3°14	22° 9	17°50	21°57	8°24	10°51	4°49	2°15	10°53	10°50	2° 8	0°25	M28
T 29	14 59 44	16°21'50	10°B46	5°14	21°58	18°14	21°58	8°20	10°54	4°49	2°16	10°53	10°47	2°15	0°27	T 29
W30	15 3 41	17°B19'38	23°B27	7°B15	21°V49	18°039	21°B58	8°A16	10°V57	4°L50	2°B17	10°B52	10°B44	2°V21	0°K28	W30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	7n33	22n17	1n50	5s23	2s19	20n 2	6n55	20n37	2n38	22s 3	0s 7	20s10	1n51	3n 8	0s39	19n11
W 2	7 55	25 21	2 51	5 3	2 24	19 51	6 52	20 31	2 36	22 2	0 7	20 9	1 51	3 10	0 39	19 11
T 3	8 17	27 13	3 45	4 40	2 29	19 38	6 49	20 25	2 34	22 2	0 7	20 9	1 51	3 11	0 39	19 11
F 4	8 39	27 40	4 29	4 17	2 33	19 23	6 44	20 19	2 32	22 1	0 7	20 9	1 51	3 12	0 39	19 11
S 5	9 1	26 32	5 0	3 51	2 37	19 7	6 39	20 13	2 31	22 0	0 7	20 8	1 51	3 14	0 39	19 11
S 6	9 22	23 48	5 15	3 24	2 39	18 50	6 33	20 6	2 29	22 0	0 7	20 8	1 51	3 15	0 39	19 11
M 7	9 44	19 36	5 12	2 56	2 42	18 31	6 26	20 0	2 27	21 59	0 7	20 7	1 51	3 16	0 39	19 11
T 8	10 5	14 9	4 49	2 26	2 44	18 12	6 19	19 53	2 25	21 59	0 8	20 7	1 51	3 18	0 39	19 11
W 9	10 26	7 48	4 6	1 55	2 45	17 51	6 10	19 47	2 23	21 58	0 8	20 6	1 51	3 19	0 39	19 11
T 10	10 47	0 54	3 6	1 23	2 45	17 29	6 1	19 40	2 21	21 58	0 8	20 6	1 51	3 20	0 39	19 11
F 11	11 8	6s 5	1 53	0 49	2 45	17 7	5 51	19 33	2 19	21 57	0 8	20 5	1 51	3 21	0 39	19 11
S 12	11 29	12 43	0 32	0 14	2 45	16 43	5 41	19 26	2 17	21 57	0 8	20 5	1 51	3 23	0 39	19 11
S 13	11 49	18 32	0s49	0n22	2 44	16 19	5 30	19 19	2 16	21 56	0 8	20 4	1 51	3 24	0 39	19 11
M14	12 10	23 8	2 6	0 59	2 42	15 55	5 18	19 12	2 14	21 56	0 8	20 4	1 52	3 25	0 39	19 11
T 15	12 30	26 12	3 13	1 38	2 40	15 30	5 6	19 4	2 12	21 56	0 9	20 3	1 52	3 27	0 39	19 11
W16	12 50	27 37	4 7	2 17	2 37	15 5	4 53	18 57	2 10	21 55	0 9	20 3	1 52	3 28	0 39	19 11
T 17	13 9	27 23	4 46	2 58	2 34	14 40	4 40	18 49	2 9	21 55	0 9	20 2	1 52	3 29	0 39	19 11
F 18	13 29	25 42	5 9	3 40	2 30	14 15	4 27	18 41	2 7	21 55	0 9	20 2	1 52	3 30	0 39	19 11
S 19	13 48	22 48	5 17	4 22	2 25	13 50	4 13	18 33	2 5	21 55	0 9	20 1	1 52	3 32	0 39	19 11
S 20	14 7	18 57	5 11	5 6	2 21	13 26	3 59	18 25	2 4	21 54	0 9	20 1	1 52	3 33	0 39	19 11
M21	14 26	14 24	4 51	5 50	2 15	13 2	3 45	18 17	2 2	21 54	0 10	20 0	1 52	3 34	0 39	19 11
T 22	14 44	9 22	4 19	6 35	2 9	12 38	3 31	18 9	2 0	21 54	0 10	19 59	1 52	3 35	0 39	19 10
W23	15 3	4 1	3 36	7 21	2 3	12 16	3 16	18 1	1 59	21 54	0 10	19 59	1 52	3 36	0 39	19 10
T 24	15 21	1n28	2 43	8 8	1 56	11 54	3 2	17 52	1 57	21 54	0 10	19 58	1 52	3 38	0 39	19 10
F 25	15 38	6 57	1 44	8 55	1 48	11 33	2 48	17 44	1 55	21 54	0 10	19 58	1 52	3 39	0 39	19 10
S 26	15 56	12 14	0 39	9 43	1 41	11 12	2 33	17 35	1 54	21 54	0 10	19 57	1 52	3 40	0 39	19 10
S 27	16 13	17 8	0n28	10 31	1 32	10 53	2 19	17 26	1 52	21 54	0 10	19 56	1 52	3 41	0 39	19 10
M28	16 30	21 23	1 35	11 19	1 24	10 35	2 5	17 17	1 51	21 54	0 11	19 56	1 52	3 42	0 39	19 10
T 29	16 47	24 44	2 38	12 8	1 14	10 18	1 52	17 8	1 49	21 54	0 11	19 55	1 52	3 44	0 39	19 9
W30	17n 4	26n56	3n35	12n57	1s 5	10n 2	1n38	16n59	1n48	21s54	0s11	19s55	1n52	3n45	0s39	19n 9

Julian Day Number = 2242359.5, Delta T = 07m09s

Ecliptic obliquity = 23°30'56, Nutation = - 0°00'12, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°45'00, Lahiri = 15°52'01 Julian Calendar 1 Apr. 1427 == Greg. Calendar 10 Apr. 1427

ASTRODIENST EPHEMERIS for the year 1427

geocentric

MAY 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	15 7 37	18°17'25	6°23	9°17	21°R42	19°12	21°35	8°R12	11°Y 0	4°L51	2°218	10°R51	10°B41	2°Y28	0°X30	T 1
F 2	15 11 34	19°15'10	19°34	11°22	21°Y38	19°29	21°R58	8°X 8	11° 2	4°52	2°19	10°B50	10°38	2°35	0°31	F 2
S 3	15 15 31	20°12'53	3°1	13°28	21°D36	19°55	21°58	8° 4	11° 5	4°52	2°20	10°50	10°34	2°41	0°32	S 3
S 4	15 19 27	21°10'35	16°44	15°35	21°37	20°20	21°58	8° 0	11° 8	4°53	2°22	10°D49	10°31	2°48	0°34	S 4
M 5	15 23 24	22° 8'15	0°14	17°44	21°40	20°46	21°57	7°56	11°11	4°54	2°23	10°49	10°28	2°55	0°35	M 5
T 6	15 27 20	23° 5'53	14°58	19°54	21°45	21°12	21°57	7°51	11°14	4°55	2°24	10°50	10°25	3° 1	0°36	T 6
W 7	15 31 17	24° 3'30	29°26	22° 4	21°53	21°39	21°56	7°47	11°16	4°56	2°25	10°51	10°22	3° 8	0°37	W 7
T 8	15 35 13	25° 1'05	14°4	24°15	22° 2	22° 5	21°55	7°43	11°19	4°57	2°27	10°52	10°19	3°15	0°39	T 8
F 9	15 39 30	25°58'39	28°47	26°27	22°14	22°32	21°53	7°39	11°22	4°58	2°28	10°52	10°15	3°21	0°40	F 9
S 10	15 43 6	26°56'11	13°18	28°39	22°27	22°59	21°52	7°34	11°24	4°59	2°29	10°R53	10°12	3°28	0°41	S 10
S 11	15 47 3	27°53'42	28° 1	0°11	22°43	23°26	21°50	7°30	11°27	5° 0	2°30	10°52	10° 9	3°35	0°42	S 11
M12	15 51 0	28°51'13	12°20	3° 2	23° 1	23°54	21°48	7°26	11°30	5° 1	2°32	10°51	10° 6	3°41	0°42	M12
T 13	15 54 56	29°48'42	26°19	5°12	23°20	24°22	21°46	7°21	11°32	5° 2	2°33	10°49	10° 3	3°48	0°43	T 13
W14	15 58 53	0°11'46	9°57	7°22	23°41	24°50	21°44	7°17	11°35	5° 3	2°34	10°46	10° 0	3°55	0°44	W14
T 15	16 2 49	1°43'37	23°11	9°30	24° 5	25°18	21°42	7°13	11°37	5° 5	2°35	10°43	9°56	4° 2	0°45	T 15
F 16	16 6 46	2°41'04	6°2	11°37	24°29	25°46	21°39	7° 8	11°40	5° 6	2°37	10°40	9°53	4° 8	0°45	F 16
S 17	16 10 42	3°38'30	18°32	13°43	24°56	26°15	21°36	7° 4	11°42	5° 7	2°38	10°39	9°50	4°15	0°46	S 17
S 18	16 14 39	4°35'55	0°14	15°46	25°24	26°43	21°34	6°59	11°44	5° 8	2°39	10°D38	9°47	4°22	0°47	S 18
M19	16 18 36	5°33'19	12°46	17°48	25°53	27°12	21°30	6°55	11°47	5°10	2°41	10°38	9°44	4°28	0°47	M19
T 20	16 22 32	6°30'43	24°38	19°48	26°24	27°41	21°27	6°51	11°49	5°11	2°42	10°39	9°40	4°35	0°47	T 20
W21	16 26 29	7°28'06	6°17	21°45	26°56	28°11	21°24	6°46	11°51	5°12	2°44	10°41	9°37	4°42	0°48	W21
T 22	16 30 25	8°25'28	18°18	23°40	27°30	28°40	21°20	6°42	11°54	5°14	2°45	10°42	9°34	4°48	0°48	T 22
F 23	16 34 22	9°22'50	0°15	25°33	28° 5	29°10	21°16	6°37	11°56	5°15	2°46	10°44	9°31	4°55	0°48	F 23
S 24	16 38 18	10°20'11	12°21	27°23	28°41	29°39	21°12	6°33	11°58	5°16	2°48	10°R44	9°28	5° 2	0°49	S 24
S 25	16 42 15	11°17'31	24°40	29°11	29°18	0°19	21° 8	6°29	12° 0	5°18	2°49	10°43	9°25	5° 8	0°49	S 25
M26	16 46 11	12°14'51	7°12	0°56	29°57	0°40	21° 4	6°24	12° 2	5°19	2°51	10°41	9°21	5°15	0°49	M26
T 27	16 50 8	13°12'11	20° 1	2°39	0°36	1°10	20°59	6°20	12° 4	5°21	2°52	10°37	9°18	5°22	0°R49	T 27
W28	16 54 5	14° 9'29	3°4	4°19	1°17	1°41	20°55	6°15	12° 6	5°22	2°53	10°32	9°15	5°28	0°49	W28
T 29	16 58 1	15° 6'47	16°22	5°57	1°59	2°11	20°50	6°11	12° 8	5°24	2°55	10°27	9°12	5°35	0°49	T 29
F 30	17 1 58	16° 4'05	29°54	7°32	2°41	2°42	20°45	6° 7	12°10	5°25	2°56	10°21	9° 9	5°42	0°48	F 30
S 31	17 5 54	17°11'21	13°13	9°5	3°25	3°13	20°34	6°2	12°12	5°27	2°58	10°B17	9°B 5	5°Y48	0°X48	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17n20	27n43	4n21	13n46	0s55	9n48	1n25	16n50	1n46	21s54	0s11	19s54	1n52	3n46	0s39	19n 9
F 2	17 36	26 57	4 55	14 34	0 45	9 34	1 12	16 41	1 45	21 54	0 11	19 53	1 52	3 47	0 39	19 9
S 3	17 51	24 38	5 14	15 22	0 35	9 22	0 59	16 31	1 43	21 54	0 11	19 53	1 52	3 48	0 39	19 9
S 4	18 7	20 52	5 15	16 10	0 25	9 11	0 47	16 22	1 42	21 55	0 12	19 52	1 52	3 49	0 39	19 9
M 5	18 22	15 53	4 58	16 57	0 14	9 0	0 35	16 12	1 40	21 55	0 12	19 51	1 52	3 50	0 39	19 8
T 6	18 36	9 58	4 22	17 43	0 4	8 52	0 23	16 2	1 39	21 55	0 12	19 51	1 52	3 51	0 39	19 8
W 7	18 51	3 26	3 30	18 27	0n 7	8 44	0 12	15 52	1 37	21 55	0 12	19 50	1 52	3 52	0 39	19 8
T 8	19 5	3s22	2 23	19 11	0 18	8 37	0 1	15 42	1 36	21 56	0 12	19 49	1 52	3 53	0 39	19 8
F 9	19 19	10 2	1 6	19 52	0 28	8 32	0s10	15 32	1 35	21 56	0 12	19 49	1 52	3 54	0 39	19 7
S 10	19 32	16 9	0s14	20 32	0 38	8 27	0 20	15 22	1 33	21 57	0 13	19 48	1 52	3 55	0 39	19 7
S 11	19 45	21 18	1 33	21 10	0 48	8 24	0 30	15 11	1 32	21 57	0 13	19 47	1 52	3 56	0 39	19 7
M12	19 58	25 4	2 45	21 46	0 57	8 21	0 40	15 1	1 30	21 57	0 13	19 47	1 52	3 57	0 39	19 7
T 13	20 10	27 13	3 45	22 19	1 6	8 20	0 49	14 51	1 29	21 58	0 13	19 46	1 52	3 58	0 39	19 6
W14	20 23	27 38	4 31	22 50	1 15	8 19	0 58	14 40	1 28	21 58	0 13	19 45	1 52	3 59	0 39	19 6
T 15	20 34	26 27	5 0	23 19	1 23	8 20	1 7	14 29	1 26	21 59	0 14	19 45	1 52	4 0	0 39	19 6
F 16	20 46	23 53	5 14	23 44	1 30	8 21	1 15	14 18	1 25	22 0	0 14	19 44	1 52	4 1	0 39	19 6
S 17	20 57	20 15	5 12	24 7	1 37	8 24	1 23	14 7	1 24	22 0	0 14	19 43	1 52	4 2	0 39	19 5
S 18	21 8	15 51	4 56	24 28	1 43	8 27	1 31	13 56	1 22	22 1	0 14	19 43	1 52	4 3	0 39	19 5
M19	21 18	10 54	4 27	24 45	1 48	8 31	1 38	13 45	1 21	22 1	0 14	19 42	1 52	4 4	0 40	19 5
T 20	21 28	5 36	3 47	25 0	1 53	8 35	1 45	13 34	1 20	22 2	0 14	19 41	1 52	4 5	0 40	19 4
W21	21 38	0 8	2 57	25 12	1 57	8 41	1 51	13 22	1 19	22 3	0 15	19 41	1 52	4 6	0 40	19 4
T 22	21 47	5n21	2 0	25 22	2 0	8 47	1 58	13 11	1 17	22 4	0 15	19 40	1 51	4 7	0 40	19 4
F 23	21 56	10 42	0 57	25 29	2 3	8 54	2 4	12 59	1 16	22 4	0 15	19 39	1 51	4 7	0 40	19 3
S 24	22 4	15 44	0n 9	25 34	2 4	9 1	2 10	12 48	1 15	22 5	0 15	19 39	1 51	4 8	0 40	19 3
S 25	22 12	20 13	1 16	25 36	2 5	9 9	2 15	12 36	1 14	22 6	0 15	19 38	1 51	4 9	0 40	19 3
M26	22 20	23 53	2 20	25 36	2 5	9 18	2 20	12 24	1 12	22 7	0 15	19 37	1 51	4 10	0 40	19 2
T 27	22 27	26 26	3 18	25 34	2 5	9 27	2 25	12 12	1 11	22 8	0 16	19 37	1 51	4 11	0 40	19 2
W28	22 34	27 36	4 7	25 30	2 3	9 37	2 30	12 0	1 10	22 9	0 16	19 36	1 51	4 11	0 40	19 2
T 29	22 41	27 12	4 44	25 24	2 1	9 47	2 34	11 48	1 9	22 9	0 16	19 35	1 51	4 12	0 40	19 1
F 30	22 47	25 13	5 6	25 16	1 59	9 58	2 38	11 36	1 8	22 10	0 16	19 35	1 51	4 13	0 40	19 1
S 31	22n53	21n44	5n10	25n 7	1n55	10n 9	2s42	11n23	1n 7	22s11	0s16	19s34	1n51	4n14	0s40	19n 1

Julian Day Number = 2242389.5, Delta T = 07m09s

Ecliptic obliquity = 23°30'56", Nutation = - 0°00'12", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°45'05", Lahiri = 15°52'05" Julian Calendar 1 May 1427 == Greg. Calendar 10 May 1427

ASTRODIENST EPHEMERIS for the year 1427

geocentric

JUNE 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	17 9 51	17°58'36	27°31	10°35	48°9	3°44	20°35	5°58	12°14	5°29	2°59	10°R14	9°8	5°55	0°R48	S 1
M 2	17 13 47	18°55'51	11°32	12°2	4°54	4°16	20°29	5°54	12°16	5°30	3°1	10°B12	8°59	6°2	0°K48	M 2
T 3	17 17 44	19°53'05	25°41	13°27	5°40	4°47	20°24	5°50	12°18	5°32	3°2	10°D12	8°56	6°8	0°47	T 3
W 4	17 21 40	20°50'18	9°54	14°49	6°27	5°19	20°18	5°45	12°19	5°34	3°4	10°13	8°53	6°15	0°47	W 4
T 5	17 25 37	21°47'30	24°11	16°8	7°15	5°50	20°12	5°41	12°21	5°35	3°5	10°14	8°50	6°22	0°46	T 5
F 6	17 29 34	22°44'42	8°28	17°24	8°3	6°22	20°6	5°37	12°23	5°37	3°7	10°R15	8°46	6°28	0°46	F 6
S 7	17 33 30	23°41'53	22°43	18°38	8°53	6°54	20°0	5°33	12°24	5°39	3°8	10°14	8°43	6°35	0°45	S 7
S 8	17 37 27	24°39'04	6°53	19°49	9°42	7°27	19°54	5°29	12°26	5°41	3°10	10°12	8°40	6°42	0°44	S 8
M 9	17 41 23	25°36'15	20°52	20°57	10°33	7°59	19°48	5°25	12°27	5°42	3°11	10°7	8°37	6°48	0°44	M 9
T 10	17 45 20	26°33'25	4°36	22°1	11°24	8°31	19°41	5°21	12°29	5°44	3°13	10°1	8°34	6°55	0°43	T 10
W11	17 49 16	27°30'35	18°4	23°3	12°16	9°4	19°35	5°17	12°30	5°46	3°14	9°53	8°31	7°2	0°42	W11
T 12	17 53 13	28°27'45	1°12	24°2	13°8	9°37	19°28	5°13	12°31	5°48	3°16	9°45	8°27	7°8	0°41	T 12
F 13	17 57 9	29°24'55	14°0	24°57	14°1	10°9	19°21	5°9	12°33	5°50	3°17	9°37	8°24	7°15	0°40	F 13
S 14	18 1 6	05°22'05	26°30	25°49	14°55	10°42	19°14	5°6	12°34	5°52	3°19	9°31	8°21	7°22	0°39	S 14
S 15	18 5 3	1°19'15	8°43	26°37	15°49	11°16	19°7	5°2	12°35	5°53	3°20	9°26	8°18	7°28	0°38	S 15
M16	18 8 59	2°16'25	20°44	27°22	16°44	11°49	19°0	4°58	12°37	5°55	3°22	9°24	8°15	7°35	0°37	M16
T 17	18 12 56	3°13'35	2°36	28°3	17°39	12°22	18°53	4°54	12°38	5°57	3°23	9°D23	8°11	7°42	0°36	T 17
W18	18 16 52	4°10'46	14°26	28°40	18°34	12°56	18°46	4°51	12°39	5°59	3°25	9°23	8°8	7°48	0°34	W18
T 19	18 20 49	5°7'57	26°18	29°13	19°30	13°29	18°39	4°47	12°40	6°1	3°26	9°24	8°5	7°55	0°33	T 19
F 20	18 24 45	6°5'08	8°17	29°42	20°27	14°3	18°32	4°44	12°41	6°3	3°28	9°R25	8°2	8°2	0°32	F 20
S 21	18 28 42	7°2'20	20°29	0°1	21°24	14°37	18°24	4°41	12°42	6°5	3°29	9°24	7°59	8°8	0°30	S 21
S 22	18 32 38	7°59'32	2°56	0°28	22°21	15°11	18°17	4°37	12°43	6°7	3°31	9°22	7°56	8°15	0°29	S 22
M23	18 36 35	8°56'44	15°42	0°44	23°19	15°45	18°9	4°34	12°44	6°9	3°32	9°17	7°52	8°22	0°28	M23
T 24	18 40 32	9°53'57	28°48	0°55	24°17	16°19	18°2	4°31	12°44	6°11	3°34	9°10	7°49	8°28	0°26	T 24
W25	18 44 28	10°51'10	12°14	1°2	25°16	16°54	17°54	4°28	12°45	6°13	3°35	9°1	7°46	8°35	0°24	W25
T 26	18 48 25	11°48'24	25°57	1°R 4	26°15	17°28	17°46	4°25	12°46	6°15	3°37	8°51	7°43	8°42	0°23	T 26
F 27	18 52 21	12°45'37	9°55	1°1	27°14	18°3	17°39	4°22	12°47	6°17	3°38	8°41	7°40	8°48	0°21	F 27
S 28	18 56 18	13°42'51	24°3	0°53	28°14	18°37	17°31	4°19	12°47	6°19	3°40	8°32	7°37	8°55	0°19	S 28
S 29	19 0 14	14°40'05	8°16	0°41	29°14	19°12	17°23	4°16	12°48	6°21	3°41	8°25	7°33	9°2	0°18	S 29
M30	19 4 11	15°37'19	22°30	0°24	0°11	19°47	17°16	4°13	12°48	6°24	3°43	8°21	7°30	9°Y 8	0°K16	M30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	22n58	17n 1	4n57	24n56	1n51	10n20	2s46	11n11	1n 5	22s12	0s16	19s33	1n51	4n14	0s40	19n 0
M 2	23 3	11 21	4 26	24 44	1 46	10 32	2 49	10 58	1 4	22 13	0 17	19 33	1 50	4 15	0 40	19 0
T 3	23 8	5 4	3 38	24 30	1 41	10 45	2 52	10 46	1 3	22 14	0 17	19 32	1 50	4 16	0 40	18 59
W 4	23 12	1s32	2 37	24 15	1 35	10 57	2 55	10 33	1 2	22 15	0 17	19 31	1 50	4 16	0 40	18 59
T 5	23 16	8 4	1 26	23 59	1 28	11 10	2 58	10 20	1 1	22 16	0 17	19 31	1 50	4 17	0 40	18 59
F 6	23 19	14 13	0 10	23 42	1 20	11 23	3 1	10 8	1 0	22 17	0 17	19 30	1 50	4 18	0 40	18 58
S 7	23 22	19 36	1s 7	23 25	1 12	11 37	3 3	9 55	0 59	22 18	0 17	19 30	1 50	4 18	0 40	18 58
S 8	23 24	23 49	2 19	23 6	1 4	11 50	3 5	9 42	0 57	22 20	0 18	19 29	1 50	4 19	0 40	18 57
M 9	23 27	26 33	3 22	22 46	0 54	12 4	3 7	9 28	0 56	22 21	0 18	19 29	1 50	4 19	0 40	18 57
T 10	23 28	27 37	4 11	22 27	0 45	12 18	3 9	9 15	0 55	22 22	0 18	19 28	1 50	4 20	0 40	18 56
W11	23 30	27 0	4 46	22 6	0 34	12 33	3 10	9 2	0 54	22 23	0 18	19 27	1 49	4 20	0 40	18 56
T 12	23 30	24 53	5 4	21 45	0 23	12 47	3 12	8 49	0 53	22 24	0 18	19 27	1 49	4 21	0 40	18 56
F 13	23 31	21 34	5 6	21 24	0 12	13 2	3 13	8 35	0 52	22 25	0 19	19 26	1 49	4 21	0 40	18 55
S 14	23 31	17 19	4 54	21 3	0 0	13 16	3 14	8 22	0 51	22 26	0 19	19 26	1 49	4 22	0 40	18 55
S 15	23 31	12 28	4 28	20 42	0s12	13 31	3 15	8 8	0 50	22 27	0 19	19 25	1 49	4 22	0 40	18 54
M16	23 30	7 14	3 51	20 21	0 25	13 46	3 15	7 54	0 49	22 29	0 19	19 25	1 49	4 23	0 40	18 54
T 17	23 29	1 47	3 5	19 59	0 38	14 1	3 16	7 41	0 48	22 30	0 19	19 24	1 48	4 23	0 40	18 53
W18	23 27	3n43	2 10	19 39	0 52	14 16	3 16	7 27	0 47	22 31	0 19	19 24	1 48	4 24	0 40	18 53
T 19	23 25	9 6	1 10	19 18	1 6	14 31	3 16	7 13	0 46	22 32	0 19	19 23	1 48	4 24	0 40	18 52
F 20	23 23	14 13	0 6	18 58	1 20	14 46	3 16	6 59	0 45	22 33	0 20	19 23	1 48	4 24	0 40	18 52
S 21	23 20	18 52	0n59	18 39	1 35	15 1	3 16	6 45	0 44	22 34	0 20	19 22	1 48	4 25	0 40	18 51
S 22	23 16	22 49	2 2	18 20	1 49	15 16	3 16	6 31	0 43	22 36	0 20	19 22	1 48	4 25	0 40	18 51
M23	23 13	25 45	3 1	18 2	2 4	15 30	3 15	6 17	0 42	22 37	0 20	19 22	1 47	4 25	0 40	18 50
T 24	23 9	27 23	3 52	17 45	2 19	15 45	3 15	6 2	0 41	22 38	0 20	19 21	1 47	4 26	0 40	18 50
W25	23 4	27 27	4 31	17 29	2 34	16 0	3 14	5 48	0 40	22 39	0 20	19 21	1 47	4 26	0 40	18 49
T 26	22 59	25 52	4 56	17 14	2 49	16 14	3 13	5 34	0 39	22 40	0 21	19 20	1 47	4 26	0 41	18 49
F 27	22 54	22 41	5 3	17 1	3 3	16 29	3 12	5 19	0 38	22 41	0 21	19 20	1 47	4 26	0 41	18 48
S 28	22 48	18 8	4 52	16 49	3 18	16 43	3 11	5 5	0 37	22 43	0 21	19 20	1 47	4 27	0 41	18 48
S 29	22 42	12 34	4 24	16 38	3 31	16 57	3 10	4 50	0 36	22 44	0 21	19 19	1 46	4 27	0 41	18 47
M30	22n36	6n20	3n38	16n28	3s45	17n11	3s 9	4n36	0n35	22s45	0s21	19s19	1n46	4n27	0s41	18n47

Julian Day Number = 2242420.5, Delta T = 07m08s

Ecliptic obliquity = 23°30'56, Nutation = - 0°00'11, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°45'09, Lahiri = 15°52'09 Julian Calendar 1 June 1427 == Greg. Calendar 10 June 1427

ASTRODIENST EPHEMERIS for the year 1427

geocentric

JULY 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	19 8 8	16°34'33	6°42	0°R 2	1II15	20°22	17°R 8	4°R10	12°Y49	6°L26	3°S44	8°R19	7°S27	9°Y15	0°R14	T 1
W 2	19 12 4	17°31'47	20°51	29°S36	2°16	20°57	17°S 0	4°S 8	12°49	6°28	3°46	8°D19	7°24	9°22	0°K12	W 2
T 3	19 16 1	18°29'01	4°M55	29° 6	3°17	21°33	16°52	4° 5	12°50	6°30	3°47	8°R19	7°21	9°28	0°10	T 3
F 4	19 19 57	19°26'16	18°54	28°33	4°19	22° 8	16°45	4° 3	12°50	6°32	3°49	8°S19	7°17	9°35	0° 8	F 4
S 5	19 23 54	20°23'31	2°A45	27°57	5°20	22°43	16°37	4° 0	12°50	6°34	3°50	8°17	7°14	9°42	0° 6	S 5
S 6	19 27 50	21°20'46	16°29	27°18	6°23	23°19	16°29	3°58	12°50	6°36	3°52	8°12	7°11	9°48	0° 4	S 6
M 7	19 31 47	22°18'02	0°S 4	26°36	7°25	23°55	16°21	3°56	12°51	6°39	3°53	8° 5	7° 8	9°55	0° 2	M 7
T 8	19 35 43	23°15'19	13°27	25°54	8°28	24°30	16°14	3°54	12°51	6°41	3°55	7°55	7° 5	10° 2	29°S59	T 8
W 9	19 39 40	24°12'36	26°37	25°11	9°31	25° 6	16° 6	3°52	12°51	6°43	3°56	7°44	7° 2	10° 8	29°57	W 9
T 10	19 43 37	25° 9'53	9°S31	24°28	10°34	25°42	15°59	3°50	12°R51	6°45	3°57	7°31	6°58	10°15	29°55	T 10
F 11	19 47 33	26° 7'12	22°10	23°46	11°37	26°18	15°51	3°48	12°51	6°47	3°59	7°19	6°55	10°22	29°53	F 11
S 12	19 51 30	27° 4'31	4°K33	23° 6	12°41	26°54	15°44	3°46	12°51	6°49	4° 0	7° 9	6°52	10°28	29°51	S 12
S 13	19 55 26	28° 1'51	16°43	22°29	13°45	27°31	15°36	3°44	12°51	6°52	4° 2	7° 1	6°49	10°35	29°48	S 13
M14	19 59 23	28°59'13	28°41	21°54	14°49	28° 7	15°29	3°43	12°51	6°54	4° 3	6°55	6°46	10°42	29°46	M14
T 15	20 3 19	29°56'35	10°Y32	21°23	15°53	28°43	15°22	3°41	12°50	6°56	4° 4	6°52	6°43	10°48	29°43	T 15
W16	20 7 16	0°S53'58	22°21	20°57	16°58	29°20	15°14	3°40	12°50	6°58	4° 6	6°51	6°39	10°55	29°41	W16
T 17	20 11 12	1°51'23	4°S12	20°36	18° 3	29°57	15° 7	3°38	12°50	7° 1	4° 7	6°51	6°36	11° 1	29°38	T 17
F 18	20 15 9	2°48'49	16°11	20°21	19° 8	0°S33	15° 0	3°37	12°50	7° 3	4° 9	6°50	6°33	11° 8	29°36	F 18
S 19	20 19 6	3°46'16	28°24	20°11	20°13	1°10	14°53	3°36	12°49	7° 5	4°10	6°49	6°30	11°15	29°33	S 19
S 20	20 23 2	4°43'45	10°II55	20°D 7	21°18	1°47	14°46	3°35	12°49	7° 7	4°11	6°46	6°27	11°21	29°31	S 20
M21	20 26 59	5°41'15	23°49	20°10	22°24	2°24	14°39	3°34	12°48	7° 9	4°13	6°40	6°23	11°28	29°28	M21
T 22	20 30 55	6°38'46	7°S 7	20°20	23°30	3° 1	14°33	3°33	12°48	7°12	4°14	6°32	6°20	11°35	29°25	T 22
W23	20 34 52	7°36'18	20°49	20°36	24°36	3°39	14°26	3°32	12°47	7°14	4°15	6°22	6°17	11°41	29°23	W23
T 24	20 38 48	8°33'52	4°S54	20°59	25°42	4°16	14°20	3°32	12°46	7°16	4°16	6°10	6°14	11°48	29°20	T 24
F 25	20 42 45	9°31'26	19°16	21°29	26°48	4°53	14°13	3°31	12°46	7°18	4°18	5°58	6°11	11°55	29°17	F 25
S 26	20 46 41	10°29'02	3°M49	22° 6	27°55	5°31	14° 7	3°31	12°45	7°21	4°19	5°48	6° 8	12° 1	29°15	S 26
S 27	20 50 38	11°26'39	18°27	22°50	29° 1	6° 9	14° 1	3°30	12°44	7°23	4°20	5°40	6° 4	12° 8	29°12	S 27
M28	20 54 35	12°24'17	3°S 2	23°40	0°S 8	6°46	13°55	3°30	12°43	7°25	4°22	5°35	6° 1	12°15	29° 9	M28
T 29	20 58 31	13°21'56	17°29	24°37	1°15	7°24	13°49	3°30	12°43	7°27	4°23	5°32	5°58	12°21	29° 6	T 29
W30	21 2 28	14°19'35	1°M44	25°40	2°22	8° 2	13°43	3°30	12°42	7°29	4°24	5°D31	5°55	12°28	29° 3	W30
T 31	21 6 24	15°S17'16	15°M47	26°S50	3°S30	8°S40	13°S38	3°D30	12°Y41	7°L32	4°S25	5°R31	5°S52	12°Y35	29°S 1	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	22n29	0s14	2n40	16n21	3s57	17n25	3s 7	4n21	0n34	22s46	0s21	19s19	1n46	4n27	0s41	18n46
W 2	22 22	6 45	1 31	16 15	4 9	17 39	3 6	4 6	0 33	22 47	0 21	19 18	1 46	4 27	0 41	18 46
T 3	22 14	12 55	0 18	16 10	4 19	17 52	3 4	3 51	0 32	22 48	0 22	19 18	1 46	4 27	0 41	18 45
F 4	22 6	18 23	0s56	16 8	4 29	18 5	3 2	3 36	0 31	22 49	0 22	19 18	1 45	4 28	0 41	18 45
S 5	21 58	22 50	2 6	16 7	4 37	18 18	3 1	3 22	0 30	22 50	0 22	19 18	1 45	4 28	0 41	18 44
S 6	21 49	25 56	3 8	16 8	4 44	18 30	2 59	3 7	0 29	22 52	0 22	19 17	1 45	4 28	0 41	18 44
M 7	21 40	27 29	3 58	16 10	4 49	18 43	2 57	2 52	0 28	22 53	0 22	19 17	1 45	4 28	0 41	18 43
T 8	21 30	27 23	4 34	16 15	4 53	18 55	2 54	2 36	0 27	22 54	0 22	19 17	1 45	4 28	0 41	18 43
W 9	21 20	25 44	4 55	16 20	4 54	19 7	2 52	2 21	0 26	22 55	0 22	19 17	1 44	4 28	0 41	18 42
T 10	21 10	22 45	5 1	16 28	4 55	19 18	2 50	2 6	0 26	22 56	0 23	19 17	1 44	4 28	0 41	18 42
F 11	21 0	18 45	4 51	16 36	4 53	19 29	2 48	1 51	0 25	22 57	0 23	19 16	1 44	4 28	0 41	18 41
S 12	20 49	14 1	4 28	16 46	4 50	19 40	2 45	1 36	0 24	22 58	0 23	19 16	1 44	4 28	0 41	18 41
S 13	20 37	8 50	3 52	16 57	4 44	19 50	2 42	1 21	0 23	22 59	0 23	19 16	1 44	4 28	0 41	18 40
M14	20 26	3 23	3 7	17 9	4 38	20 0	2 40	1 5	0 22	23 0	0 23	19 16	1 43	4 28	0 41	18 39
T 15	20 14	2n 7	2 15	17 22	4 29	20 10	2 37	0 50	0 21	23 1	0 23	19 16	1 43	4 27	0 41	18 39
W16	20 1	7 33	1 16	17 36	4 20	20 19	2 34	0 34	0 20	23 2	0 23	19 16	1 43	4 27	0 41	18 38
T 17	19 49	12 44	0 14	17 50	4 9	20 28	2 31	0 19	0 19	23 3	0 23	19 16	1 43	4 27	0 41	18 38
F 18	19 36	17 31	0n49	18 4	3 56	20 36	2 29	0 4	0 18	23 4	0 24	19 16	1 43	4 27	0 41	18 37
S 19	19 22	21 41	1 52	18 19	3 43	20 44	2 26	0s12	0 18	23 4	0 24	19 16	1 42	4 27	0 41	18 37
S 20	19 9	24 57	2 50	18 34	3 29	20 52	2 22	0 27	0 17	23 5	0 24	19 16	1 42	4 27	0 41	18 36
M21	18 55	27 3	3 41	18 48	3 14	20 59	2 19	0 43	0 16	23 6	0 24	19 16	1 42	4 26	0 41	18 36
T 22	18 40	27 41	4 22	19 2	2 58	21 5	2 16	0 59	0 15	23 7	0 24	19 16	1 42	4 26	0 41	18 35
W23	18 26	26 40	4 50	19 15	2 42	21 11	2 13	1 14	0 14	23 8	0 24	19 16	1 41	4 26	0 41	18 34
T 24	18 11	23 57	5 0	19 28	2 26	21 17	2 10	1 30	0 13	23 9	0 24	19 16	1 41	4 26	0 41	18 34
F 25	17 56	19 43	4 53	19 40	2 10	21 22	2 6	1 46	0 12	23 9	0 24	19 16	1 41	4 25	0 41	18 33
S 26	17 40	14 16	4 26	19 50	1 53	21 27	2 3	2 1	0 11	23 10	0 24	19 16	1 41	4 25	0 41	18 33
S 27	17 24	7 59	3 41	19 59	1 37	21 31	2 0	2 17	0 11	23 11	0 25	19 17	1 41	4 25	0 41	18 32
M28	17 8	1 17	2 43	20 7	1 20	21 35	1 56	2 33	0 10	23 12	0 25	19 17	1 40	4 24	0 41	18 32
T 29	16 52	5s26	1 34	20 13	1 4	21 38	1 53	2 48	0 9	23 12	0 25	19 17	1 40	4 24	0 41	18 31
W30	16 35	11 48	0 20	20 17	0 48	21 40	1 49	3 4	0 8	23 13	0 25	19 17	1 40	4 24	0 42	18 31
T 31	16n18	17s29	0s54	20n19	0s33	21n42	1s46	3s20	0n 8	23s14	0s25	19s17	1n40	4n23	0s42	18n30

Julian Day Number = 2242450.5, Delta T = 07m08s

Ecliptic obliquity = 23°30'56, Nutation = - 0°00'10, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°45'13, Lahiri = 15°52'13 Julian Calendar 1 July 1427 == Greg. Calendar 10 July 1427

ASTRODIENST EPHEMERIS for the year 1427
geocentric

AUGUST 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	21 10 21	16♏14°58	29♍36	28♎5	4♎37	9♏18	13°R32	3♏30	12°R40	7♏34	4♎26	5°R31	5♎49	12°Y41	28°R58	F 1
S 2	21 14 17	17°12'41	13♏13	29°26	5°45	9°56	13♎27	3°30	12°Y39	7°36	4°28	5♎29	5°45	12°48	28♎55	S 2
S 3	21 18 14	18°10'25	26°37	0♏52	6°52	10°34	13°22	3°30	12°38	7°38	4°29	5°24	5°42	12°55	28°52	S 3
M 4	21 22 10	19°8'11	9♎50	2°23	8°0	11°13	13°17	3°31	12°36	7°40	4°30	5°17	5°39	13°1	28°49	M 4
T 5	21 26 7	20°5'58	22°51	3°58	9°8	11°51	13°12	3°31	12°35	7°43	4°31	5°7	5°36	13°8	28°46	T 5
W 6	21 30 4	21°3'45	5♎40	5°38	10°17	12°30	13°8	3°32	12°34	7°45	4°32	4°55	5°33	13°15	28°43	W 6
T 7	21 34 0	22°1'35	18°17	7°21	11°25	13°8	13°3	3°32	12°33	7°47	4°33	4°43	5°29	13°21	28°40	T 7
F 8	21 37 57	22°59'25	0♎42	9°8	12°33	13°47	12°59	3°33	12°32	7°49	4°34	4°31	5°26	13°28	28°38	F 8
S 9	21 41 53	23°57'18	12°55	10°57	13°42	14°26	12°55	3°34	12°30	7°51	4°35	4°20	5°23	13°35	28°35	S 9
S 10	21 45 50	24°55'12	24°58	12°49	14°51	15°4	12°51	3°35	12°29	7°53	4°36	4°11	5°20	13°41	28°32	S 10
M 11	21 49 46	25°53'07	6°Y52	14°42	16°0	15°43	12°47	3°36	12°27	7°56	4°37	4°6	5°17	13°48	28°29	M 11
T 12	21 53 43	26°51'05	18°41	16°37	17°9	16°22	12°43	3°37	12°26	7°58	4°38	4°2	5°14	13°55	28°26	T 12
W 13	21 57 39	27°49'04	0♎28	18°33	18°18	17°1	12°40	3°38	12°24	8°0	4°39	4°D 1	5°10	14°1	28°23	W 13
T 14	22 1 36	28°47'05	12°18	20°30	19°27	17°41	12°36	3°40	12°23	8°2	4°40	4°1	5°7	14°8	28°20	T 14
F 15	22 5 33	29°45'08	24°16	22°28	20°37	18°20	12°33	3°41	12°21	8°4	4°41	4°R 2	5°4	14°15	28°17	F 15
S 16	22 9 29	0♎43'13	6♎27	24°26	21°46	18°59	12°30	3°43	12°20	8°6	4°42	4°2	5°1	14°21	28°14	S 16
S 17	22 13 26	1°41'20	18°57	26°23	22°56	19°39	12°27	3°44	12°18	8°8	4°43	4°0	4°58	14°28	28°11	S 17
M 18	22 17 22	2°39'29	1♎51	28°21	24°6	20°18	12°25	3°46	12°16	8°10	4°44	3°57	4°55	14°35	28°8	M 18
T 19	22 21 19	3°37'40	15°11	0♎17	25°16	20°58	12°22	3°48	12°15	8°12	4°45	3°51	4°51	14°41	28°5	T 19
W 20	22 25 15	4°35'53	28°59	2°14	26°26	21°38	12°20	3°50	12°13	8°14	4°46	3°43	4°48	14°48	28°2	W 20
T 21	22 29 12	5°34'08	13♏14	4°9	27°36	22°17	12°18	3°52	12°11	8°16	4°47	3°34	4°45	14°54	27°59	T 21
F 22	22 33 8	6°32'25	27°51	6°4	28°46	22°57	12°16	3°54	12°9	8°19	4°48	3°25	4°42	15°1	27°56	F 22
S 23	22 37 5	7°30'43	12♎44	7°58	29°57	23°37	12°15	3°56	12°7	8°21	4°48	3°17	4°39	15°8	27°53	S 23
S 24	22 41 2	8°29'04	27°43	9°51	1♏7	24°17	12°13	3°58	12°6	8°23	4°49	3°11	4°35	15°14	27°51	S 24
M 25	22 44 58	9°27'26	12♏41	11°42	2°18	24°57	12°12	4°1	12°4	8°24	4°50	3°7	4°32	15°21	27°48	M 25
T 26	22 48 55	10°25'50	27°28	13°33	3°28	25°37	12°11	4°3	12°2	8°26	4°51	3°D 5	4°29	15°28	27°45	T 26
W 27	22 52 51	11°24'15	11♎59	15°23	4°39	26°18	12°10	4°6	12°0	8°28	4°51	3°5	4°26	15°34	27°42	W 27
T 28	22 56 48	12°22'42	26°11	17°12	5°50	26°58	12°9	4°8	11°58	8°30	4°52	3°6	4°23	15°41	27°39	T 28
F 29	23 0 44	13°21'11	10♏7	18°59	7°1	27°38	12°9	4°11	11°56	8°32	4°53	3°R 7	4°20	15°48	27°36	F 29
S 30	23 4 41	14°19'41	23°36	20°46	8°12	28°19	12°8	4°14	11°54	8°34	4°53	3°7	4°16	15°54	27°34	S 30
S 31	23 8 37	15♎18'13	6♎50	22♎31	9♏23	29♏0	12°D 8	4♏17	11°Y52	8♏36	4♎54	3♎4	4♎13	16°Y 1	27♎31	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	16n 1	22s 9	2s 4	20n19	0s18	21n44	1s42	3s36	0n 7	23s14	0s25	19s18	1n39	4n23	0s42	18n29
S 2	15 44	25 31	3 5	20 16	0 4	21 45	1 39	3 51	0 6	23 15	0 25	19 18	1 39	4 22	0 42	18 29
S 3	15 26	27 24	3 56	20 11	0n 9	21 45	1 35	4 7	0 5	23 16	0 25	19 18	1 39	4 22	0 42	18 28
M 4	15 8	27 41	4 32	20 3	0 22	21 45	1 32	4 23	0 4	23 16	0 25	19 18	1 39	4 21	0 42	18 28
T 5	14 50	26 25	4 54	19 52	0 34	21 44	1 28	4 39	0 3	23 17	0 25	19 19	1 39	4 21	0 42	18 27
W 6	14 31	23 46	5 1	19 39	0 45	21 43	1 24	4 55	0 3	23 17	0 25	19 19	1 38	4 20	0 42	18 27
T 7	14 13	20 2	4 53	19 23	0 55	21 41	1 21	5 10	0 2	23 18	0 25	19 19	1 38	4 20	0 42	18 26
F 8	13 54	15 28	4 31	19 4	1 4	21 39	1 17	5 26	0 1	23 18	0 26	19 20	1 38	4 19	0 42	18 26
S 9	13 35	10 22	3 57	18 42	1 13	21 36	1 13	5 42	0 0	23 19	0 26	19 20	1 38	4 19	0 42	18 25
S 10	13 15	4 56	3 12	18 18	1 20	21 32	1 9	5 58	0s 0	23 19	0 26	19 21	1 37	4 18	0 42	18 25
M 11	12 56	0n36	2 19	17 51	1 27	21 28	1 6	6 14	0 1	23 20	0 26	19 21	1 37	4 18	0 42	18 24
T 12	12 36	6 6	1 21	17 22	1 32	21 23	1 2	6 29	0 2	23 20	0 26	19 21	1 37	4 17	0 42	18 23
W 13	12 16	11 22	0 19	16 51	1 37	21 18	0 58	6 45	0 3	23 20	0 26	19 22	1 37	4 17	0 42	18 23
T 14	11 56	16 17	0n44	16 17	1 40	21 12	0 55	7 1	0 3	23 21	0 26	19 22	1 37	4 16	0 42	18 22
F 15	11 36	20 37	1 46	15 42	1 43	21 5	0 51	7 16	0 4	23 21	0 26	19 23	1 36	4 15	0 42	18 22
S 16	11 15	24 9	2 44	15 5	1 45	20 58	0 47	7 32	0 5	23 22	0 26	19 23	1 36	4 15	0 42	18 21
S 17	10 54	26 39	3 36	14 26	1 47	20 51	0 43	7 48	0 6	23 22	0 26	19 24	1 36	4 14	0 42	18 21
M 18	10 34	27 49	4 19	13 46	1 47	20 42	0 40	8 4	0 6	23 22	0 26	19 24	1 36	4 13	0 42	18 20
T 19	10 13	27 26	4 49	13 4	1 47	20 34	0 36	8 19	0 7	23 22	0 26	19 25	1 35	4 13	0 42	18 20
W 20	9 51	25 23	5 4	12 22	1 46	20 24	0 33	8 35	0 8	23 23	0 26	19 25	1 35	4 12	0 42	18 19
T 21	9 30	21 42	5 1	11 39	1 45	20 14	0 29	8 50	0 9	23 23	0 26	19 26	1 35	4 11	0 42	18 19
F 22	9 8	16 36	4 38	10 54	1 43	20 4	0 25	9 6	0 9	23 23	0 26	19 27	1 35	4 10	0 42	18 18
S 23	8 47	10 26	3 56	10 10	1 40	19 52	0 22	9 21	0 10	23 23	0 27	19 27	1 35	4 10	0 42	18 18
S 24	8 25	3 38	2 58	9 24	1 37	19 41	0 18	9 37	0 11	23 24	0 27	19 28	1 34	4 9	0 42	18 17
M 25	8 3	3s23	1 47	8 38	1 34	19 29	0 15	9 52	0 12	23 24	0 27	19 29	1 34	4 8	0 42	18 17
T 26	7 41	10 8	0 30	7 52	1 30	19 16	0 11	10 8	0 12	23 24	0 27	19 29	1 34	4 7	0 42	18 16
W 27	7 19	16 14	0s48	7 6	1 26	19 2	0 8	10 23	0 13	23 24	0 27	19 30	1 34	4 7	0 42	18 16
T 28	6 56	21 19	2 1	6 19	1 21	18 48	0 4	10 38	0 14	23 24	0 27	19 31	1 34	4 6	0 42	18 15
F 29	6 34	25 5	3 6	5 32	1 16	18 34	0 1	10 54	0 14	23 24	0 27	19 31	1 33	4 5	0 42	18 15
S 30	6 11	27 20	3 58	4 45	1 11	18 19	0n 3	11 9	0 15	23 24	0 27	19 32	1 33	4 4	0 42	18 14
S 31	5n49	27s57	4s37	3n59	1n 5	18n 3	0n 6	11s24	0s16	23s24	0s27	19s33	1n33	4n 3	0s42	18n14

Julian Day Number = 2242481.5, Delta T = 07m08s
Ecliptic obliquity = 23°30'57, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°45'17, Lahiri = 15°52'18 Julian Calendar 1 Aug. 1427 == Greg. Calendar 10 Aug. 1427

ASTRODIENST EPHEMERIS for the year 1427

geocentric

SEPTEMBER 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	23 12 34	16 ¹⁷ 16'47	19 ³ 49	24 ¹⁷ 15	10 ¹⁰ 35	29 ² 40	12 ³ 9	4 ² 20	11 ¹ R49	8 ¹⁰ 38	4 ² 55	3 ¹ R 0	4 ² 10	16 ¹⁷ 8	27 ¹ R28	M 1
T 2	23 16 31	17 ¹⁵ 15'22	2 ² 33	25 ⁵ 59	11 ¹ 46	0 ¹ 21	12 ⁹ 9	4 ² 23	11 ¹ Y47	8 ¹⁰ 40	4 ² 55	2 ² 54	4 ² 7	16 ¹ 14	27 ² 25	T 2
W 3	23 20 27	18 ¹³ 13'59	15 ⁵ 5	27 ⁴ 41	12 ⁵ 57	1 ¹ 2	12 ⁹ 9	4 ² 26	11 ¹ 45	8 ¹⁰ 41	4 ² 56	2 ² 46	4 ² 4	16 ² 21	27 ² 23	W 3
T 4	23 24 24	19 ¹² 12'38	27 ² 25	29 ² 22	14 ⁹ 9	1 ¹ 43	12 ¹⁰ 10	4 ² 29	11 ¹ 43	8 ¹⁰ 43	4 ² 56	2 ² 38	4 ² 1	16 ² 28	27 ² 20	T 4
F 5	23 28 20	20 ¹¹ 11'19	9 ² 36	1 ¹ 2	15 ² 21	2 ² 24	12 ¹¹ 11	4 ² 33	11 ¹ 41	8 ¹⁰ 45	4 ² 57	2 ² 30	3 ² 57	16 ² 34	27 ² 17	F 5
S 6	23 32 17	21 ¹⁰ 10'02	21 ³ 38	2 ² 42	16 ² 32	3 ² 5	12 ¹² 12	4 ² 36	11 ¹ 39	8 ¹⁰ 47	4 ² 57	2 ² 24	3 ² 54	16 ² 41	27 ² 15	S 6
S 7	23 36 13	22 ⁸ 4'46	3 ² Y33	4 ² 20	17 ¹ 44	3 ² 46	12 ¹³ 13	4 ² 40	11 ¹ 36	8 ¹⁰ 49	4 ² 58	2 ² 18	3 ² 51	16 ² 48	27 ² 12	S 7
M 8	23 40 10	23 ⁷ 7'33	15 ² 23	5 ² 57	18 ¹ 56	4 ² 27	12 ¹⁵ 15	4 ² 43	11 ¹ 34	8 ¹⁰ 50	4 ² 58	2 ² 15	3 ² 48	16 ² 54	27 ² 10	M 8
T 9	23 44 6	24 ⁶ 6'22	27 ² 10	7 ² 34	20 ⁸ 8	5 ² 8	12 ¹⁶ 16	4 ² 47	11 ¹ 32	8 ¹⁰ 52	4 ² 59	2 ² D13	3 ² 45	17 ¹ 1	27 ² 7	T 9
W10	23 48 3	25 ⁵ 5'13	8 ² 57	9 ² 9	21 ² 20	5 ² 49	12 ¹⁸ 18	4 ² 50	11 ¹ 29	8 ¹⁰ 54	4 ² 59	2 ² 13	3 ² 41	17 ¹ 8	27 ² 5	W10
T 11	23 51 59	26 ⁴ 4'06	20 ² 48	10 ² 44	22 ³ 33	6 ² 31	12 ²⁰ 20	4 ² 54	11 ¹ 27	8 ¹⁰ 55	5 ² 0	2 ² 15	3 ² 38	17 ¹ 14	27 ² 2	T 11
F 12	23 55 56	27 ³ 3'02	2 ² II46	12 ¹ 17	23 ³ 45	7 ² 12	12 ²² 22	4 ² 58	11 ¹ 25	8 ¹⁰ 57	5 ² 0	2 ² 16	3 ² 35	17 ¹ 21	27 ² 0	F 12
S 13	23 59 53	28 ¹ 1'59	14 ² 57	13 ² 50	24 ³ 57	7 ² 54	12 ²⁵ 25	5 ² 2	11 ¹ 22	8 ¹⁰ 59	5 ² 0	2 ² 18	3 ² 32	17 ¹ 27	26 ² 57	S 13
S 14	0 3 49	29 ¹ 1'00	27 ² 25	15 ² 22	26 ¹ 10	8 ² 36	12 ²⁷ 27	5 ² 6	11 ¹ 20	9 ¹ 0	5 ² 1	2 ² R19	3 ² 29	17 ¹ 34	26 ² 55	S 14
M15	0 7 46	0 ² 0'02	10 ² 14	16 ² 53	27 ² 22	9 ² 17	12 ³⁰ 30	5 ² 10	11 ¹ 18	9 ¹ 2	5 ² 1	2 ² 18	3 ² 26	17 ¹ 41	26 ² 53	M15
T 16	0 11 42	0 ² 59'07	23 ² 29	18 ² 23	28 ² 35	9 ² 59	12 ³³ 33	5 ² 15	11 ¹ 15	9 ¹ 3	5 ² 1	2 ² 16	3 ² 22	17 ¹ 47	26 ² 50	T 16
W17	0 15 39	1 ⁵ 58'14	7 ² 12	19 ² 53	29 ² 48	10 ² 41	12 ³⁶ 36	5 ² 19	11 ¹ 13	9 ¹ 5	5 ² 2	2 ² 13	3 ² 19	17 ¹ 54	26 ² 48	W17
T 18	0 19 35	2 ⁵ 57'24	21 ² 23	21 ² 21	1 ¹ 11	11 ² 23	12 ⁴⁰ 40	5 ² 23	11 ¹ 11	9 ¹ 6	5 ² 2	2 ² 9	3 ² 16	18 ¹ 1	26 ² 46	T 18
F 19	0 23 32	3 ⁵ 56'36	6 ² 0	22 ² 49	2 ¹ 13	12 ⁵ 5	12 ⁴³ 43	5 ² 28	11 ¹ 8	9 ¹ 8	5 ² 2	2 ² 5	3 ² 13	18 ¹ 7	26 ² 44	F 19
S 20	0 27 28	4 ⁵ 55'50	20 ² 58	24 ² 15	3 ² 26	12 ² 47	12 ⁴⁷ 47	5 ² 32	11 ¹ 6	9 ¹ 9	5 ² 2	2 ² 1	3 ² 10	18 ¹ 14	26 ² 41	S 20
S 21	0 31 25	5 ⁵ 55'06	6 ² 7	25 ² 41	4 ² 39	13 ² 29	12 ⁵¹ 51	5 ² 37	11 ¹ 3	9 ¹ 10	5 ² 2	1 ⁵ 58	3 ² 6	18 ¹ 21	26 ² 39	S 21
M22	0 35 22	6 ⁵ 54'24	21 ² 19	27 ² 6	5 ² 52	14 ² 12	12 ⁵⁵ 55	5 ² 41	11 ¹ 1	9 ¹ 12	5 ² 3	1 ⁵ 57	3 ² 3	18 ¹ 27	26 ² 37	M22
T 23	0 39 18	7 ⁵ 53'44	6 ² 12	28 ² 30	7 ² 6	14 ² 54	12 ⁵⁹ 59	5 ² 46	10 ⁵ 58	9 ¹ 13	5 ² 3	1 ⁵ D56	3 ² 0	18 ¹ 34	26 ² 35	T 23
W24	0 43 15	8 ⁵ 53'06	21 ² 14	29 ² 53	8 ² 19	15 ² 36	13 ³ 3	5 ² 51	10 ⁵ 56	9 ¹ 15	5 ² 3	1 ⁵ 57	2 ⁵ 7	18 ¹ 41	26 ² 33	W24
T 25	0 47 11	9 ⁵ 52'30	5 ² 42	1 ¹ 15	9 ² 32	16 ² 19	13 ⁸ 8	5 ² 56	10 ⁵ 54	9 ¹ 16	5 ² 3	1 ⁵ 59	2 ⁵ 4	18 ¹ 47	26 ² 31	T 25
F 26	0 51 8	10 ⁵ 51'56	19 ² 45	2 ² 36	10 ² 45	17 ² 1	13 ¹³ 13	6 ² 1	10 ⁵ 51	9 ¹ 17	5 ² 3	2 ² 0	2 ⁵ 1	18 ¹ 54	26 ² 30	F 26
S 27	0 55 4	11 ⁵ 51'24	3 ² 24	3 ² 56	11 ² 59	17 ² 44	13 ¹⁸ 18	6 ² 6	10 ⁵ 49	9 ¹ 18	5 ² R 3	2 ² 1	2 ⁵ 47	19 ¹ 1	26 ² 28	S 27
S 28	0 59 1	12 ⁵ 50'53	16 ² 39	5 ² 14	13 ² 12	18 ² 27	13 ²³ 23	6 ² 11	10 ⁵ 46	9 ¹ 20	5 ² 3	2 ² R 1	2 ⁵ 44	19 ¹ 7	26 ² 26	S 28
M29	1 2 57	13 ⁵ 50'24	29 ² 32	6 ² 32	14 ² 26	19 ² 10	13 ²⁸ 28	6 ² 16	10 ⁵ 44	9 ¹ 21	5 ² 3	2 ² 0	2 ⁵ 41	19 ¹ 14	26 ² 24	M29
T 30	1 6 54	14 ⁵ 49'57	12 ² 8	7 ² 48	15 ² 39	19 ² 52	13 ³ 34	6 ² 21	10 ⁵ 41	9 ¹ 22	5 ² 3	1 ⁵ 59	2 ⁵ 38	19 ¹ Y21	26 ² 23	T 30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	5n26	27s 0	5s 0	3n12	0n59	17n47	0n 9	11s39	0s17	23s24	0s27	19s34	1n33	4n 3	0s42	18n13	0n 4	20n42	2s44	12n33	12n57	4n53	6s38	6n 7	
T 2	5 3	24 39	5 8	2 25	0 53	17 31	0 13	11 54	0 17	23 24	0 27	19 34	1 32	4 2	0 42	18 13	0 4	20 42	2 44	12 31	12 56	4 57	6 40	6 7	
W 3	4 40	21 9	5 1	1 39	0 47	17 14	0 16	12 9	0 18	23 24	0 27	19 35	1 32	4 1	0 42	18 12	0 4	20 42	2 44	12 28	12 55	5 0	6 41	6 7	
T 4	4 17	16 47	4 40	0 53	0 41	16 56	0 19	12 24	0 19	23 24	0 27	19 36	1 32	4 0	0 42	18 12	0 4	20 42	2 44	12 26	12 54	5 3	6 42	6 6	
F 5	3 54	11 48	4 7	0 7	0 34	16 38	0 22	12 39	0 19	23 24	0 27	19 37	1 32	3 59	0 42	18 11	0 4	20 42	2 44	12 23	12 53	5 7	6 43	6 6	
S 6	3 31	6 26	3 22	0s39	0 28	16 20	0 25	12 53	0 20	23 24	0 27	19 37	1 32	3 58	0 42	18 11	0 4	20 41	2 44	12 21	12 52	5 10	6 44	6 6	
S 7	3 8	0 52	2 30	1 24	0 21	16 1	0 28	13 8	0 21	23 24	0 27	19 38	1 31	3 57	0 42	18 10	0 4	20 41	2 44	12 19	12 50	5 13	6 45	6 6	
M 8	2 44	4n41	1 30	2 10	0 14	15 41	0 31	13 23	0 21	23 24	0 27	19 39	1 31	3 56	0 42	18 10	0 4	20 41	2 44	12 18	12 49	5 17	6 46	6 6	
T 9	2 21	10 4	0 28	2 54	0 7	15 21	0 34	13 37	0 22	23 24	0 27	19 40	1 31	3 56	0 42	18 10	0 4	20 41	2 44	12 17	12 48	5 20	6 47	6 5	
W10	1 57	15 6	0n37	3 38	0s 0	15 1	0 37	13 52	0 23	23 24	0 27	19 41	1 31	3 55	0 42	18 9	0 4	20 41	2 44	12 17	12 47	5 23	6 48	6 5	
T 11	1 34	19 37	1 40	4 22	0 7	14 40	0 40	14 6	0 23	23 24	0 27	19 42	1 31	3 54	0 42	18 9	0 4	20 41	2 44	12 17	12 46	5 27	6 49	6 5	
F 12	1 11	23 23	2 39	5 6	0 15	14 19	0 43	14 20	0 24	23 24	0 27	19 43	1 30	3 53	0 42	18 8	0 4	20 41	2 44	12 18	12 45	5 30	6 50	6 5	
S 13	0 47	26 11	3 33	5 49	0 22	13 57	0 45	14 35	0 25	23 23	0 27	19 44	1 30	3 52	0 42	18 8	0 4	20 41	2 44	12 19	12 44	5 33	6 51	6 4	
S 14	0 24	27 47	4 17	6 31	0 29	13 35	0 48	14 49	0 25	23 23	0 27	19 44	1 30	3 51	0 42	18 8	0 4	20 41	2 44	12 19	12 43	5 37	6 52	6 4	
M15	0s 0	27 57	4 51	7 13	0 36	13 13	0 51	15 3	0 26	23 23	0 28	19 45	1 30	3 50	0 42	18 7	0 4	20 41	2 44	12 19	12 42	5 40	6 53	6 4	
T 16	0 24	26 33	5 10	7 54	0 44	12 50	0 53	15 17	0 26	23 23	0 28	19 46	1 30	3 49	0 42	18 7	0 4	20 41	2 44	12 18	12 41	5 43	6 54	6 4	
W17	0 47	23 33	5 12	8 35	0 51	12 27	0 56	15 30	0 27	23 22	0 28	19 47	1 30	3 48	0 42	18 6	0 4	20 41	2 44	12 17	12 40	5 47	6 55	6 3	
T 18	1 11	19 5	4 56	9 15	0 58	12 3	0 58	15 44	0 28	23 22	0 28	19 48	1 29	3 47	0 42	18 6	0 4	20 41	2 44	12 16	12 39	5 50	6 56	6 3	
F 19	1 34	13 22	4 20	9 55	1 5	11 39	1 0	15 58	0 28	23 22	0 28	19 49	1 29	3 46	0 42	18 6	0 4	20 41	2 44	12 14	12 37	5 53	6 57	6 3	
S 20	1 58	6 45	3 27	10 33	1 12	11 15	1 3	16 11	0 29	23 22	0 28	19 50	1 29	3 45	0 42	18 5	0 4	20 41	2 44	12 13	12 36	5 57	6 58	6 2	
S 21	2 21	0s20	2 17	11 12	1 19	10 50	1 5	16 25	0 30	23 21	0 28	19 51	1 29	3 44	0 42	18 5	0 4	20 41	2 44	12 12	12 35	6 0	6 59	6 2	
M22	2 45	7 27	0 58	11 49	1 26	10 26	1 7	16 38	0 30	23 21	0 28	19 52	1 29	3 43	0 42	18 5	0 4	20 41	2 44	12 11	12 34	6 3	7 0	6 2	
T23	3 9	14 5	0s25	12 26	1 33	10 0	1 9	16 51	0 31	23 20	0 28	19 53	1 28	3 43	0 42	18 4	0 4	20 41	2 44	12 11	12 33	6 7	7 1	6 2	
W24	3 32	19 48	1 44	13 2	1 40	9 35	1 11	17 4	0 31	23 20	0 28	19 54	1 28	3 42	0 42	18 4	0 4	20 41	2 44	12 11	12 32	6 10	7 2	6 1	
T 25	3 55	24 12	2 56	13 37	1 47	9 9	1 13	17 17	0 32	23 20	0 28	19 55	1 28	3 41	0 42	18 3	0 4	20 41	2 44	12 12	12 31	6 13	7 3	6 1	
F 26	4 19	27 1	3 54	14 11	1 53	8 43	1 15	17 30	0 33	23 19	0 28	19 56	1 28	3 40	0 42	18 3	0 4	20 41	2 44	12 12	12 30	6 17	7 4	6 1	
S 27	4 42	28 6	4 38	14 45	2 0	8 16	1 17	17 42	0 33	23 19	0 28	19 57	1 28	3 39	0 42	18 3	0 4	20 41	2 44	12 13	12 29	6 20	7 5	6 0	
S 28	5 5	27 31	5 5	15 17	2 6	7 50	1 19	17 55	0 34	23 18	0 28	19 58	1 28	3 38	0 42	18 3	0 4	20 41	2 44	12 13	12 28	6 23	7 6	6 0	
M29	5 29	25 27	5 16	15 49	2 12	7 23	1 20	18 7	0 34	23 18	0 28	19 59	1 27	3 37	0 42	18 2	0 4	20 41	2 44	12 13	12 27	6 26	7 7	6 0	
T 30	5s52	22s11	5s11	16s19	2s18	6n56	1n22	18s19	0s35	23s17	0s28	20s 0	1n27	3n36	0s42	18n 2	0n 4	20n41	2s44	12n12	12n25	6n30	7s 8	5n59	

ASTRODIENST EPHEMERIS for the year 1427
geocentric

OCTOBER 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	1 10 51	15 ⁴⁹ 32	24 ²⁸ 28	9 ¹¹ 2	16 ¹⁷ 53	20 ¹¹ 35	13 ³³ 39	6 ²⁶ 26	10 ³⁹ 39	9 ²³ 23	5 ³ R 3	1 ⁵⁷ R57	2 ³⁵ 35	19 ²⁷ 27	26 ²¹ R21	W 1
T 2	1 14 47	16 ⁴⁹ 08	6 ³⁷ 37	10 ¹⁵ 15	18 ⁷ 7	21 ¹⁸ 18	13 ⁴⁵ 45	6 ³² 32	10 ³⁶ 36	9 ²⁴ 24	5 ³ 3	1 ⁵⁴ 54	2 ³² 32	19 ³⁴ 34	26 ¹⁹ 19	T 2
F 3	1 18 44	17 ⁴⁸ 47	18 ³⁷ 37	11 ²⁷ 27	19 ²¹ 21	22 ¹ 1	13 ⁵¹ 51	6 ³⁷ 37	10 ³⁴ 34	9 ²⁵ 25	5 ² 2	1 ⁵² 52	2 ²⁸ 28	19 ⁴⁰ 40	26 ¹⁸ 18	F 3
S 4	1 22 40	18 ⁴⁸ 27	0 ³¹ 31	12 ³⁶ 36	20 ³⁴ 34	22 ⁴⁴ 44	13 ⁵⁷ 57	6 ⁴² 42	10 ³² 32	9 ²⁶ 26	5 ² 2	1 ⁵⁰ 50	2 ²⁵ 25	19 ⁴⁷ 47	26 ¹⁶ 16	S 4
S 5	1 26 37	19 ⁴⁸ 09	12 ²⁰ 20	13 ⁴⁴ 44	21 ⁴⁸ 48	23 ²⁸ 28	14 ³ 3	6 ⁴⁸ 48	10 ²⁹ 29	9 ²⁷ 27	5 ² 2	1 ⁴⁹ 49	2 ²² 22	19 ⁵⁴ 54	26 ¹⁵ 15	S 5
M 6	1 30 33	20 ⁴⁷ 53	24 ⁸ 8	14 ⁴⁹ 49	23 ² 2	24 ¹¹ 11	14 ¹⁰ 10	6 ⁵³ 53	10 ²⁷ 27	9 ²⁸ 28	5 ² 2	1 ⁴⁸ 48	2 ¹⁹ 19	20 ⁰ 0	26 ¹⁴ 14	M 6
T 7	1 34 30	21 ⁴⁷ 39	5 ⁵⁷ 57	15 ⁵² 52	24 ¹⁶ 16	24 ⁵⁴ 54	14 ¹⁷ 17	6 ⁵⁹ 59	10 ²⁴ 24	9 ²⁹ 29	5 ² 2	1 ⁴⁸ 48	2 ¹⁶ 16	20 ⁷ 7	26 ¹² 12	T 7
W 8	1 38 26	22 ⁴⁷ 27	17 ⁴⁸ 48	16 ⁵³ 53	25 ³⁰ 30	25 ³⁸ 38	14 ²³ 23	7 ⁵ 5	10 ²² 22	9 ³⁰ 30	5 ² 2	1 ⁴⁸ 48	2 ¹² 12	20 ¹⁴ 14	26 ¹¹ 11	W 8
T 9	1 42 23	23 ⁴⁷ 18	29 ⁴⁴ 44	17 ⁵⁰ 50	26 ⁴⁴ 44	26 ²¹ 21	14 ³⁰ 30	7 ¹⁰ 10	10 ²⁰ 20	9 ³¹ 31	5 ¹ 1	1 ⁴⁹ 49	2 ⁹ 9	20 ²⁰ 20	26 ¹⁰ 10	T 9
F 10	1 46 20	24 ⁴⁷ 10	11 ⁴⁸ 48	18 ⁴⁴ 44	27 ⁵⁸ 58	27 ⁴ 4	14 ³⁷ 37	7 ¹⁶ 16	10 ¹⁷ 17	9 ³² 32	5 ¹ 1	1 ⁵⁰ 50	2 ⁶ 6	20 ²⁷ 27	26 ⁹ 9	F 10
S 11	1 50 16	25 ⁴⁷ 05	24 ³ 3	19 ³⁵ 35	29 ¹³ 13	27 ⁴⁸ 48	14 ⁴⁵ 45	7 ²² 22	10 ¹⁵ 15	9 ³³ 33	5 ¹ 1	1 ⁵¹ 51	2 ³ 3	20 ³⁴ 34	26 ⁸ 8	S 11
S 12	1 54 13	26 ⁴⁷ 02	6 ³² 32	20 ²² 22	0 ²⁷ 27	28 ³² 32	14 ⁵² 52	7 ²⁸ 28	10 ¹³ 13	9 ³³ 33	5 ⁰ 0	1 ⁵¹ 51	2 ⁰ 0	20 ⁴⁰ 40	26 ⁷ 7	S 12
M13	1 58 9	27 ⁴⁷ 01	19 ²⁰ 20	21 ⁴ 4	1 ⁴¹ 41	29 ¹⁵ 15	14 ⁵⁹ 59	7 ³⁴ 34	10 ¹⁰ 10	9 ³⁴ 34	5 ⁰ 0	1 ⁵¹ 51	1 ⁵⁷ 57	20 ⁴⁷ 47	26 ⁶ 6	M13
T 14	2 2 6	28 ⁴⁷ 02	2 ²⁹ 29	21 ⁴² 42	2 ⁵⁶ 56	29 ⁵⁹ 59	15 ⁷ 7	7 ⁴⁰ 40	10 ⁸ 8	9 ³⁵ 35	5 ⁰ 0	1 ⁵¹ 51	1 ⁵³ 53	20 ⁵⁴ 54	26 ⁵ 5	T 14
W15	2 6 2	29 ⁴⁷ 06	16 ² 2	22 ¹⁴ 14	4 ¹⁰ 10	0 ⁴³ 43	15 ¹⁵ 15	7 ⁴⁶ 46	10 ⁶ 6	9 ³⁶ 36	4 ⁵⁹ 59	1 ⁵¹ 51	1 ⁵⁰ 50	21 ⁰ 0	26 ⁴ 4	W15
T 16	2 9 59	0 ¹¹ 11	29 ⁵⁹ 59	22 ⁴⁰ 40	5 ²⁴ 24	1 ²⁷ 27	15 ²³ 23	7 ⁵² 52	10 ⁴ 4	9 ³⁶ 36	4 ⁵⁹ 59	1 ⁵¹ 51	1 ⁴⁷ 47	21 ⁷ 7	26 ³ 3	T 16
F 17	2 13 55	1 ⁴⁷ 19	14 ¹¹ 11	22 ⁵⁹ 59	6 ³⁹ 39	2 ¹¹ 11	15 ³¹ 31	7 ⁵⁸ 58	10 ¹ 1	9 ³⁷ 37	4 ⁵⁸ 58	1 ⁵¹ 51	1 ⁴⁴ 44	21 ¹⁴ 14	26 ² 2	F 17
S 18	2 17 52	2 ⁴⁷ 29	29 ⁹ 9	23 ¹¹ 11	7 ⁵³ 53	2 ⁵⁵ 55	15 ³⁹ 39	8 ⁴ 4	9 ⁵⁹ 59	9 ³⁷ 37	4 ⁵⁸ 58	1 ⁵¹ 51	1 ⁴¹ 41	21 ²⁰ 20	26 ² 2	S 18
S 19	2 21 49	3 ⁴⁷ 41	14 ¹¹ 11	23 ¹⁶ 16	9 ⁸ 8	3 ³⁹ 39	15 ⁴⁸ 48	8 ¹⁰ 10	9 ⁵⁷ 57	9 ³⁸ 38	4 ⁵⁷ 57	1 ⁵¹ 51	1 ³⁸ 38	21 ²⁷ 27	26 ¹ 1	S 19
M20	2 25 45	4 ⁴⁷ 55	29 ²¹ 21	23 ¹¹ 11	10 ²³ 23	4 ²³ 23	15 ⁵⁶ 56	8 ¹⁷ 17	9 ⁵⁵ 55	9 ³⁸ 38	4 ⁵⁷ 57	1 ⁵¹ 51	1 ³⁴ 34	21 ³³ 33	26 ⁰ 0	M20
T 21	2 29 42	5 ⁴⁸ 10	14 ¹¹ 11	22 ⁵⁸ 58	11 ³⁷ 37	5 ⁸ 8	16 ⁵ 5	8 ²³ 23	9 ⁵³ 53	9 ³⁹ 39	4 ⁵⁶ 56	1 ⁵¹ 51	1 ³¹ 31	21 ⁴⁰ 40	26 ⁰ 0	T 21
W22	2 33 38	6 ⁴⁸ 28	29 ³⁰ 30	22 ³⁵ 35	12 ⁵² 52	5 ⁵² 52	16 ¹⁴ 14	8 ²⁹ 29	9 ⁵¹ 51	9 ³⁹ 39	4 ⁵⁶ 56	1 ⁵¹ 51	1 ²⁸ 28	21 ⁴⁷ 47	25 ⁵⁹ 59	W22
T 23	2 37 35	7 ⁴⁸ 47	14 ¹¹ 11	22 ² 2	14 ⁷ 7	6 ³⁶ 36	16 ²² 22	8 ³⁵ 35	9 ⁴⁹ 49	9 ⁴⁰ 40	4 ⁵⁵ 55	1 ⁵⁰ 50	1 ²⁵ 25	21 ⁵³ 53	25 ⁵⁹ 59	T 23
F 24	2 41 31	8 ⁴⁹ 08	28 ²⁸ 28	21 ¹⁹ 19	15 ²¹ 21	7 ²¹ 21	16 ³² 32	8 ⁴² 42	9 ⁴⁷ 47	9 ⁴⁰ 40	4 ⁵⁵ 55	1 ⁵⁰ 50	1 ²² 22	22 ⁰ 0	25 ⁵⁹ 59	F 24
S 25	2 45 28	9 ⁴⁹ 30	12 ³¹ 31	20 ²⁶ 26	16 ³⁶ 36	8 ⁵ 5	16 ⁴¹ 41	8 ⁴⁸ 48	9 ⁴⁵ 45	9 ⁴¹ 41	4 ⁵⁴ 54	1 ⁴⁹ 49	1 ¹⁸ 18	22 ⁷ 7	25 ⁵⁹ 59	S 25
S 26	2 49 24	10 ⁴⁹ 54	25 ⁴¹ 41	19 ²⁵ 25	17 ⁵¹ 51	8 ⁵⁰ 50	16 ⁵⁰ 50	8 ⁵⁵ 55	9 ⁴³ 43	9 ⁴¹ 41	4 ⁵³ 53	1 ⁴⁸ 48	1 ¹⁵ 15	22 ¹³ 13	25 ⁵⁸ 58	S 26
M27	2 53 21	11 ⁵⁰ 19	8 ³⁸ 38	18 ¹⁶ 16	19 ⁶ 6	9 ³⁵ 35	16 ⁵⁹ 59	9 ¹ 1	9 ⁴¹ 41	9 ⁴¹ 41	4 ⁵³ 53	1 ⁴⁸ 48	1 ¹² 12	22 ²⁰ 20	25 ⁵⁸ 58	M27
T 28	2 57 18	12 ⁵⁰ 45	21 ¹³ 13	17 ⁰ 0	20 ²¹ 21	10 ¹⁹ 19	17 ⁹ 9	9 ⁸ 8	9 ³⁹ 39	9 ⁴¹ 41	4 ⁵² 52	1 ⁴⁸ 48	1 ⁹ 9	22 ²⁷ 27	25 ⁵⁸ 58	T 28
W29	3 1 14	13 ⁵¹ 13	3 ¹¹ 11	15 ⁴¹ 41	21 ³⁵ 35	11 ⁴ 4	17 ¹⁹ 19	9 ¹⁴ 14	9 ³⁷ 37	9 ⁴² 42	4 ⁵¹ 51	1 ⁴⁸ 48	1 ⁶ 6	22 ³³ 33	25 ⁵⁸ 58	W29
T 30	3 5 11	14 ⁵¹ 42	15 ³³ 33	14 ²⁰ 20	22 ⁵⁰ 50	11 ⁴⁹ 49	17 ²⁹ 29	9 ²¹ 21	9 ³⁵ 35	9 ⁴² 42	4 ⁵¹ 51	1 ⁵⁰ 50	1 ³ 3	22 ⁴⁰ 40	25 ⁵⁸ 58	T 30
F 31	3 9 7	15 ⁵² 12	27 ¹¹ 11	13 ¹¹ 11	24 ⁵ 5	12 ³⁴ 34	17 ³⁸ 38	9 ²⁸ 28	9 ³³ 33	9 ⁴² 42	4 ⁵⁰ 50	1 ⁵¹ 51	0 ⁵⁹ 59	22 ⁴⁷ 47	25 ⁵⁸ 58	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	decl	lat	decl	lat
W 1	6s15	17s59	4s52	16s49	2s23	6m28	1n23	18s32	0s36	23s17	0s28	20s 1	1n27	3n35	0s42	18n 2	0n 4	20n41	2s44	12n11	12n24	6n33	7s 8	5n59									
T 2	6 38	13 8	4 20	17 17	2 28	6 1	1 25	18 44	0 36	23 16	0 28	20 2	1 27	3 34	0 42	18 1	0 4	20 41	2 44	12 10	12 23	6 36	7 9	5 59									
F 3	7 1	7 51	3 37	17 44	2 33	5 33	1 26	18 55	0 37	23 15	0 28	20 3	1 27	3 33	0 42	18 1	0 4	20 41	2 44	12 10	12 22	6 40	7 10	5 58									
S 4	7 23	2 19	2 45	18 11	2 38	5 5	1 27	19 7	0 37	23 15	0 28	20 5	1 27	3 32	0 42	18 1	0 4	20 41	2 44	12 9	12 21	6 43	7 11	5 58									
S 5	7 46	3n16	1 46	18 35	2 42	4 37	1 29	19 18	0 38	23 14	0 28	20 6	1 26	3 31	0 42	18 1	0 4	20 41	2 44	12 8	12 20	6 46	7 12	5 58									
M 6	8 9	8 44	0 42	18 59	2 46	4 9	1 30	19 30	0 38	23 14	0 28	20 7	1 26	3 30	0 42	18 0	0 4	20 41	2 44	12 8	12 19	6 50	7 13	5 57									
T 7	8 31	13 54	0n23	19 21	2 50	3 40	1 31	19 41	0 39	23 13	0 28	20 8	1 26	3 29	0 42	18 0	0 4	20 41	2 44	12 8	12 18	6 53	7 13	5 57									
W 8	8 53	18 36	1 28	19 41	2 53	3 12	1 32	19 52	0 39	23 12	0 28	20 9	1 26	3 28	0 42	18 0	0 4	20 41	2 44	12 8	12 17	6 56	7 14	5 57									
T 9	9 16	22 35	2 29	20 0	2 55	2 43	1 33	20 3	0 40	23 11	0 28	20 10	1 26	3 27	0 42	18 0	0 4	20 41	2 44	12 9	12 16	7 0	7 15	5 56									
F 10	9 38	25 39	3 24	20 17	2 57	2 14	1 33	20 13	0 41	23 11	0 28	20 11	1 26	3 27	0 42	17 59	0 4	20 41	2 44	12 9	12 15	7 3	7 16	5 56									
S 11	10 0	27 34	4 11	20 33	2 58	1 45	1 34	20 24	0 41	23 10	0 28	20 12	1 26	3 26	0 42	17 59	0 4	20 41	2 44	12 9	12 13	7 6	7 16	5 55									
S 12	10 21	28 8	4 48	20 46	2 59	1 16	1 35	20 34	0 42	23 9	0 28	20 13	1 25	3 25	0 42	17 59	0 4	20 41	2 44	12 9	12 12	7 10	7 17	5 55									
M13	10 43	27 14	5 10	20 57	2 59	0 47	1 35	20 44	0 42	23 8	0 28	20 14	1 25	3 24	0 42	17 59	0 4	20 41	2 44	12 9	12 11	7 13	7 18	5 55									
T 14	11 5	24 49	5 18	21 6	2 58	0 18	1 36	20 54	0 43	23 7	0 28	20 15	1 25	3 23	0 42	17 59	0 4	20 41	2 44	12 9	12 10	7 16	7 18	5 54									
W15	11 26	20 59	5 8	21 13	2 56	0s11	1 36	21 4	0 43	23 7	0 28	20 17	1 25	3 22	0 42	17 58	0 4	20 41	2 44	12 9	12 9	7 19	7 19	5 54									
T 16	11 47	15 53	4 40	21 17	2 53	0 41	1 37	21 14	0 44	23 6	0 28	20 18	1 25	3 21	0 42	17 58	0 4	20 41	2 44	12 8	7 23	7 20	5 54										
F 17	12 8	9 46	3 55	21 18	2 49	1 10	1 37	21 23	0 44	23 5	0 28	20 19	1 25	3 20	0 42	17 58	0 4	20 41	2 44	12 9	12 7	7 26	7 20	5 53									
S 18	12 29	2 58	2 52	21 16	2 43	1 39	1 37	21 32	0 45	23 4	0 28	20 20	1 25	3 20	0 42	17 58	0 4	20 41	2 44	12 9	12 6	7 29	7 21	5 53									
S 19	12 49	4s 7	1 37	21 10	2 37	2 8	1 37	21 41	0 45	23 3	0 28	20 21	1 24	3 19	0 42	17 58	0 4	20 41	2 44	12 9	12 5	7 33	7 21	5 52									
M20	13 10	11 4	0 14	21 1	2 28	2 38	1 37	21 50	0 46	23 2	0 28	20 22	1 24	3 18	0 42	17 58	0 4	20 41	2 44	12 9	12 3	7 36	7 22	5 52									
T 21	13 30	17 21	1s10	20 48	2 19	3 7	1 37	21 59	0 46	23 1	0 29	20 23	1 24	3 17	0 42	17 58	0 4	20 41	2 44	12 9	12 2	7 39	7 22	5 52									
W22	13 50	22 31	2 28	20 31	2 7	3 36	1 37	22 7	0 47	23 0	0 29	20 24	1 24	3 16	0 42	17 58	0 4	20 41	2 44	12 9	12 1	7 43	7 23	5 51									
T 23	14 10	26 7	3 34	20 10	1 54	4 5	1 37	22 15	0 47	22 59	0 29	20 25	1 24	3 15	0 42	17 57	0 4	20 41	2 44	12 9	12 0	7 46	7 23	5 51									
F 24	14 29	27 56	4 25	19 45	1 39	4 35	1 37	22 23	0 47	22 58	0 29	20 27	1 24	3 15	0 42	17 57	0 4	20 41	2 44	12 9	11 59	7 49	7 24	5 50									
S 25	14 48	27 55	4 59	19 15	1 23	5 4	1 37	22 31	0 48	22 57	0 29	20 28	1 24	3 14	0 42	17 57	0 4	20 41	2 44	12 9	11 58	7 52	7 24	5 50									
S 26	15 7	26 15	5 16	18 41	1 5	5 33	1 36	22 38	0 48	22 56	0 29	20 29	1 24	3 13	0 42	17 57	0 4	20 41	2 44	12 8	11 57	7 56	7 25	5 50									
M27	15 26	23 14	5 15	18 4	0 46	6 1	1 36	22 46	0 49	22 54	0 29	20 30	1 23	3 12	0 42	17 57	0 4	20 41	2 44	12 8	11 56	7 59	7 25	5 49									
T 28	15 45	19 12	5 0	17 23	0 26	6 30	1 35	22 53	0 49	22 53	0 29	20 31	1 23	3 12	0 42	17 57	0 4	20 41	2 44	12 8	11 55	8 2	7 26	5 49									
W29	16 3	14 27	4 30	16 41	0 6	6 59	1 35	23 0	0 50	22 52	0 29	20 32	1 23	3 11	0 42	17 57	0 4	20 41	2 44	12 8	11 54	8 6	7 26	5 48									
T 30	16 21	9 15	3 50	15 57	0n15	7 27	1 34	23 6	0 50	22 51	0 29	20 33	1 23	3 10	0 42	17 57	0 4	20 41	2 44	12 9	11 52	8 9	7 26	5 48									
F 31	16s39	3s46	3s 0	15s14	0n35	7s56	1n33	23s13	0s51	22s49	0s29	20s34	1n23	3n 9	0s42	17n57	0n 4	20n42	2s44	12n 9	11n51	8n12	7s27	5n48									

ASTRODIENST EPHEMERIS for the year 1427

geocentric

NOVEMBER 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	3 13 4	16 ^m 52'44	9 ^h 15	11°R45	25 ^h 20	13 ^h 19	17 ^h 48	9 ^h 34	9°R31	9 ^h 42	4°R49	1 ^h 52	0 ^h 56	22 ^h 53	25 ^h 58	S 1
S 2	3 17 0	17°53'17	21° 3	10 ^m 35	26°35	14° 3	17°59	9°41	9°R29	9°42	4°48	1°53	0°53	23° 0	25°59	S 2
M 3	3 20 57	18°53'52	2 ^h 51	9°33	27°50	14°49	18° 9	9°48	9°28	9°42	4°47	1°R54	0°50	23° 7	25°59	M 3
T 4	3 24 53	19°54'28	14°44	8°42	29° 5	15°34	18°19	9°55	9°26	9°R42	4°47	1°53	0°47	23°13	25°59	T 4
W 5	3 28 50	20°55'06	26°43	8° 1	0 ^m 20	16°19	18°30	10° 1	9°24	9°42	4°46	1°51	0°44	23°20	26° 0	W 5
T 6	3 32 47	21°55'45	8 ^h 15	7°32	1°35	17° 4	18°40	10° 8	9°23	9°42	4°45	1°49	0°40	23°26	26° 0	T 6
F 7	3 36 43	22°56'25	21° 7	7°15	2°51	17°49	18°51	10°15	9°21	9°42	4°44	1°46	0°37	23°33	26° 1	F 7
S 8	3 40 40	23°57'07	3 ^h 35	7°D 9	4° 6	18°34	19° 2	10°22	9°20	9°42	4°43	1°42	0°34	23°40	26° 1	S 8
S 9	3 44 36	24°57'51	16°15	7°14	5°21	19°20	19°13	10°29	9°18	9°42	4°42	1°38	0°31	23°46	26° 2	S 9
M10	3 48 33	25°58'36	29° 9	7°29	6°36	20° 5	19°24	10°36	9°17	9°42	4°41	1°35	0°28	23°53	26° 3	M10
T 11	3 52 29	26°59'23	12 ^h 19	7°54	7°51	20°51	19°35	10°42	9°15	9°41	4°41	1°33	0°24	24° 0	26° 3	T 11
W12	3 56 26	28° 0'11	25°47	8°27	9° 6	21°36	19°46	10°49	9°14	9°41	4°40	1°D32	0°21	24° 6	26° 4	W12
T 13	4 0 22	29° 1'01	9 ^h 34	9° 8	10°22	22°22	19°57	10°56	9°13	9°41	4°39	1°33	0°18	24°13	26° 5	T 13
F 14	4 4 19	0 ^h 1'52	23°40	9°55	11°37	23° 7	20° 9	11° 3	9°11	9°40	4°38	1°34	0°15	24°20	26° 6	F 14
S 15	4 8 16	1° 2'45	8 ^h 5	10°48	12°52	23°53	20°20	11°10	9°10	9°40	4°37	1°36	0°12	24°26	26° 7	S 15
S 16	4 12 12	2° 3'39	22°45	11°47	14° 7	24°39	20°32	11°17	9° 9	9°40	4°36	1°37	0° 9	24°33	26° 8	S 16
M17	4 16 9	3° 4'34	7 ^h 37	12°50	15°23	25°25	20°43	11°24	9° 8	9°39	4°35	1°R37	0° 5	24°40	26° 9	M17
T 18	4 20 5	4° 5'31	22°33	13°56	16°38	26°11	20°55	11°31	9° 7	9°39	4°34	1°35	0° 2	24°46	26°10	T 18
W19	4 24 2	5° 6'29	7 ^h 25	15° 7	17°53	26°56	21° 7	11°38	9° 5	9°38	4°32	1°32	29°V59	24°53	26°12	W19
T 20	4 27 58	6° 7'28	22° 5	16°20	19° 9	27°42	21°19	11°45	9° 4	9°38	4°31	1°28	29°56	25° 0	26°13	T 20
F 21	4 31 55	7° 8'28	6 ^h 27	17°36	20°24	28°28	21°31	11°52	9° 3	9°37	4°30	1°22	29°53	25° 6	26°14	F 21
S 22	4 35 51	8° 9'29	20°23	18°53	21°39	29°14	21°43	11°59	9° 3	9°37	4°29	1°16	29°50	25°13	26°16	S 22
S 23	4 39 48	9°10'30	3 ^h 53	20°13	22°55	0 ^h 0	21°55	12° 6	9° 2	9°36	4°28	1°10	29°46	25°19	26°17	S 23
M24	4 43 45	10°11'32	16°57	21°35	24°10	0°47	22° 8	12°14	9° 1	9°35	4°27	1° 6	29°43	25°26	26°19	M24
T 25	4 47 41	11°12'35	29°36	22°57	25°26	1°33	22°20	12°21	9° 0	9°35	4°26	1° 4	29°40	25°33	26°20	T 25
W26	4 51 38	12°13'38	11 ^h 55	24°22	26°41	2°19	22°32	12°28	8°59	9°34	4°25	1°D 3	29°37	25°39	26°22	W26
T 27	4 55 34	13°14'41	23°58	25°47	27°56	3° 5	22°45	12°35	8°59	9°33	4°24	1° 3	29°34	25°46	26°24	T 27
F 28	4 59 31	14°15'45	5 ^h 50	27°13	29°12	3°51	22°57	12°42	8°58	9°32	4°23	1° 5	29°30	25°53	26°25	F 28
S 29	5 3 27	15°16'49	17°38	28°39	0 ^h 27	4°38	23°10	12°49	8°57	9°32	4°21	1° 6	29°27	25°59	26°27	S 29
S 30	5 7 24	16 ^h 17'54	29°V25	0 ^h 7	1 ^h 42	5 ^h 24	23 ^h 23	12 ^h 56	8°V57	9 ^h 31	4 ^h 20	1°R 7	29°V24	26°V 6	26 ^h 29	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	16s56	1n48	2 s 2	14s32	0n55	8s24	1n32	23s19	0s51	22s48	0s29	20s35	1n23	3n 9	0s42	17n57
S 2	17 13	7 19	1 0	13 53	1 13	8 52	1 32	23 25	0 51	22 47	0 29	20 37	1 23	3 8	0 42	17 57
M 3	17 30	12 35	0n 5	13 18	1 29	9 20	1 31	23 30	0 52	22 46	0 29	20 38	1 23	3 7	0 42	17 57
T 4	17 46	17 26	1 10	12 48	1 44	9 47	1 30	23 36	0 52	22 44	0 29	20 39	1 23	3 7	0 42	17 57
W 5	18 3	21 38	2 13	12 23	1 57	10 15	1 29	23 41	0 53	22 43	0 29	20 40	1 23	3 6	0 42	17 57
T 6	18 18	24 58	3 10	12 4	2 7	10 42	1 27	23 46	0 53	22 41	0 29	20 41	1 22	3 6	0 41	17 57
F 7	18 34	27 12	3 59	11 50	2 16	11 9	1 26	23 51	0 53	22 40	0 29	20 42	1 22	3 5	0 41	17 57
S 8	18 49	28 6	4 38	11 42	2 22	11 35	1 25	23 55	0 54	22 38	0 29	20 43	1 22	3 4	0 41	17 57
S 9	19 4	27 32	5 3	11 39	2 27	12 2	1 24	23 59	0 54	22 37	0 29	20 44	1 22	3 4	0 41	17 57
M10	19 19	25 31	5 14	11 41	2 30	12 28	1 22	24 3	0 55	22 35	0 29	20 45	1 22	3 3	0 41	17 57
T 11	19 33	22 6	5 9	11 47	2 32	12 54	1 21	24 7	0 55	22 34	0 29	20 46	1 22	3 3	0 41	17 57
W12	19 47	17 27	4 47	11 58	2 32	13 19	1 19	24 10	0 55	22 32	0 29	20 47	1 22	3 2	0 41	17 57
T 13	20 0	11 50	4 8	12 12	2 31	13 45	1 18	24 13	0 56	22 31	0 29	20 48	1 22	3 2	0 41	17 57
F 14	20 13	5 29	3 13	12 28	2 29	14 9	1 16	24 16	0 56	22 29	0 29	20 49	1 22	3 1	0 41	17 58
S 15	20 26	1s17	2 6	12 48	2 26	14 34	1 15	24 19	0 56	22 27	0 29	20 50	1 22	3 1	0 41	17 58
S 16	20 38	8 8	0 48	13 9	2 23	14 58	1 13	24 21	0 57	22 26	0 29	20 51	1 22	3 0	0 41	17 58
M17	20 50	14 37	0s33	13 32	2 18	15 22	1 11	24 23	0 57	22 24	0 29	20 52	1 21	3 0	0 41	17 58
T 18	21 2	20 16	1 52	13 57	2 13	15 45	1 9	24 25	0 57	22 22	0 29	20 54	1 21	3 0	0 41	17 58
W19	21 13	24 38	3 3	14 23	2 8	16 8	1 8	24 27	0 58	22 20	0 29	20 55	1 21	2 59	0 41	17 58
T 20	21 24	27 18	4 1	14 50	2 2	16 31	1 6	24 28	0 58	22 18	0 29	20 56	1 21	2 59	0 41	17 58
F 21	21 34	28 4	4 43	15 17	1 56	16 53	1 4	24 29	0 58	22 17	0 30	20 57	1 21	2 58	0 41	17 59
S 22	21 44	27 0	5 6	15 45	1 49	17 14	1 2	24 29	0 59	22 15	0 30	20 58	1 21	2 58	0 41	17 59
S 23	21 54	24 22	5 11	16 13	1 42	17 36	1 0	24 30	0 59	22 13	0 30	20 59	1 21	2 58	0 41	17 59
M24	22 3	20 33	4 59	16 41	1 35	17 56	0 58	24 30	0 59	22 11	0 30	21 0	1 21	2 57	0 41	17 59
T 25	22 12	15 55	4 34	17 9	1 28	18 17	0 56	24 30	1 0	22 9	0 30	21 1	1 21	2 57	0 41	17 59
W26	22 20	10 45	3 56	17 37	1 21	18 36	0 54	24 30	1 0	22 7	0 30	21 1	1 21	2 57	0 41	18 0
T 27	22 28	5 17	3 8	18 4	1 14	18 56	0 52	24 29	1 0	22 5	0 30	21 2	1 21	2 57	0 41	18 0
F 28	22 35	0n17	2 13	18 31	1 6	19 14	0 49	24 28	1 0	22 3	0 30	21 3	1 21	2 57	0 41	18 0
S 29	22 42	5 49	1 13	18 58	0 59	19 33	0 47	24 27	1 1	22 1	0 30	21 4	1 21	2 56	0 41	18 0
S 30	22s48	11n 9	0s 9	19s24	0n51	19s50	0n45	24s25	1s 1	21s59	0s30	21s 5	1n21	2n56	0s41	18n 0

Julian Day Number = 2242573.5, Delta T = 07m08s

Ecliptic obliquity = 23°30'57, Nutation = - 0°00'10, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°45'30, Lahiri = 15°52'30 Julian Calendar 1 Nov. 1427 == Greg. Calendar 10 Nov. 1427

ASTRODIENST EPHEMERIS for the year 1427

geocentric

DECEMBER 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	5 11 20	17°19'00	11°18'16	1°17'35	2°17'58	6°18'11	23°33'35	13°17'3	8°18'56	9°18'30	4°18'19	1°18'7	29°18'21	26°18'13	26°18'31	M 1
T 2	5 15 17	18°20'05	23°15'15	3°17'4	4°17'13	6°17'57	23°48'10	13°10'10	8°17'56	9°17'29	4°17'18	1°17'4	29°17'18	26°17'19	26°17'33	T 2
W 3	5 19 14	19°21'12	5°12'45	4°17'33	5°17'29	7°17'43	24°1'13	13°17'17	8°17'56	9°17'28	4°17'17	0°17'59	29°17'15	26°17'26	26°17'35	W 3
T 4	5 23 10	20°22'18	17°17'45	6°17'2	6°17'44	8°17'30	24°14'13	13°24'17	8°17'55	9°17'27	4°17'15	0°17'52	29°17'11	26°17'33	26°17'37	T 4
F 5	5 27 7	21°23'26	0°17'19	7°17'32	8°17'0	9°17'17	24°27'13	13°31'31	8°17'55	9°17'26	4°17'14	0°17'43	29°17'8	26°17'39	26°17'39	F 5
S 6	5 31 3	22°24'33	13°17'6	9°17'2	9°17'15	10°17'3	24°40'13	13°38'38	8°17'55	9°17'25	4°17'13	0°17'33	29°17'5	26°17'46	26°17'41	S 6
S 7	5 35 0	23°25'42	26°17'7	10°17'33	10°17'30	10°17'50	24°53'13	13°45'45	8°17'55	9°17'24	4°17'12	0°17'23	29°17'2	26°17'52	26°17'44	S 7
M 8	5 38 56	24°26'50	9°17'19	12°17'4	11°17'46	11°17'36	25°6'13	13°52'52	8°17'54	9°17'23	4°17'11	0°17'15	28°17'59	26°17'59	26°17'46	M 8
T 9	5 42 53	25°28'00	22°17'43	13°17'35	13°17'1	12°17'23	25°20'13	13°59'59	8°17'54	9°17'22	4°17'9	0°17'8	28°17'56	27°17'6	26°17'48	T 9
W10	5 46 50	26°29'09	6°17'17	15°17'7	14°17'17	13°17'10	25°33'14	14°6'6	8°17'54	9°17'21	4°17'8	0°17'4	28°17'52	27°17'12	26°17'51	W10
T 11	5 50 46	27°30'19	20°17'3	16°17'39	15°17'32	13°17'57	25°46'14	14°13'13	8°17'54	9°17'20	4°17'7	0°17'2	28°17'49	27°17'19	26°17'53	T 11
F 12	5 54 43	28°31'30	4°17'0	18°17'11	16°17'48	14°17'43	26°0'14	14°20'20	8°17'54	9°17'18	4°17'6	0°17'D 2	28°17'46	27°17'26	26°17'55	F 12
S 13	5 58 39	29°32'41	18°17'7	19°17'44	18°17'3	15°17'30	26°13'13	14°27'27	8°17'55	9°17'17	4°17'4	0°17'2	28°17'43	27°17'32	26°17'58	S 13
S 14	6 2 36	0°33'53	2°17'16	21°17'19	19°17'16	16°17'17	26°27'14	14°34'34	8°17'55	9°17'16	4°17'3	0°17'R 3	28°17'40	27°17'39	27°17'1	S 14
M15	6 6 32	1°35'05	16°17'50	22°17'49	20°17'34	17°17'4	26°40'14	14°40'40	8°17'55	9°17'15	4°17'2	0°17'1	28°17'36	27°17'46	27°17'3	M15
T 16	6 10 29	2°36'18	1°17'20	24°17'23	21°17'49	17°17'51	26°54'14	14°47'47	8°17'55	9°17'13	4°17'1	29°17'58	28°17'33	27°17'52	27°17'6	T 16
W17	6 14 25	3°37'30	15°17'50	25°17'57	23°17'5	18°17'38	27°7'14	14°54'54	8°17'56	9°17'12	3°17'59	29°17'51	28°17'30	27°17'59	27°17'9	W17
T 18	6 18 22	4°38'43	0°17'12	27°17'31	24°17'20	19°17'25	27°21'15	15°17'1	8°17'56	9°17'11	3°17'58	29°17'42	28°17'27	28°17'6	27°17'11	T 18
F 19	6 22 19	5°39'56	14°17'22	29°17'5	25°17'36	20°17'12	27°35'15	15°17'8	8°17'57	9°17'10	3°17'57	29°17'31	28°17'24	28°17'12	27°17'14	F 19
S 20	6 26 15	6°41'09	28°17'13	0°17'340	26°17'51	20°17'59	27°48'15	15°17'14	8°17'57	9°17'8	3°17'56	29°17'20	28°17'21	28°17'19	27°17'17	S 20
S 21	6 30 12	7°42'21	11°17'41	2°17'15	28°17'7	21°17'46	28°2'15	15°17'21	8°17'58	9°17'7	3°17'54	29°17'8	28°17'17	28°17'26	27°17'20	S 21
M22	6 34 8	8°43'33	24°17'46	3°17'51	29°17'22	22°17'33	28°17'16	15°17'28	8°17'58	9°17'5	3°17'53	28°17'59	28°17'14	28°17'32	27°17'23	M22
T 23	6 38 5	9°44'44	7°17'28	5°17'27	0°17'38	23°17'20	28°30'15	15°17'35	8°17'59	9°17'4	3°17'52	28°17'52	28°17'11	28°17'39	27°17'26	T 23
W24	6 42 1	10°45'55	19°17'49	7°17'3	1°17'53	24°17'8	28°44'15	15°17'41	9°17'0	9°17'3	3°17'51	28°17'47	28°17'8	28°17'45	27°17'29	W24
T 25	6 45 58	11°47'05	1°17'53	8°17'40	3°17'9	24°17'55	28°58'15	15°17'48	9°17'0	9°17'1	3°17'49	28°17'45	28°17'5	28°17'52	27°17'32	T 25
F 26	6 49 54	12°48'15	13°17'47	10°17'17	4°17'24	25°17'42	29°12'15	15°17'54	9°17'1	9°17'0	3°17'48	28°17'D45	28°17'2	28°17'59	27°17'35	F 26
S 27	6 53 51	13°49'24	25°17'35	11°17'55	5°17'39	26°17'29	29°26'16	16°17'1	9°17'2	8°17'58	3°17'47	28°17'R45	27°17'58	29°17'5	27°17'38	S 27
S 28	6 57 48	14°50'33	7°17'23	13°17'33	6°17'55	27°17'16	29°40'16	16°17'7	9°17'3	8°17'57	3°17'46	28°17'45	27°17'55	29°17'12	27°17'41	S 28
M29	7 1 44	15°51'41	19°17'16	15°17'12	8°17'10	28°17'4	29°54'16	16°17'14	9°17'4	8°17'55	3°17'45	28°17'43	27°17'52	29°17'19	27°17'44	M29
T 30	7 5 41	16°52'48	1°17'19	16°17'51	9°17'26	28°17'51	0°17'8	16°17'20	9°17'5	8°17'54	3°17'43	28°17'39	27°17'49	29°17'25	27°17'47	T 30
W31	7 9 37	17°53'54	13°17'35	18°17'31	10°17'341	29°17'38	0°17'22	16°17'27	9°17'6	8°17'52	3°17'42	28°17'32	27°17'46	29°17'32	27°17'51	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	22s55	16n 7	0n55	19s50	0n44	20s 7	0n43	24s23	1s 1	21s56	0s30	21s 6	1n21	2n56	0s41	18n 1
T 2	23 0	20 31	1 57	20 15	0 36	20 24	0 40	24 21	1 1	21 54	0 30	21 7	1 21	2 56	0 41	18 1
W 3	23 5	24 8	2 54	20 39	0 29	20 40	0 38	24 19	1 2	21 52	0 30	21 8	1 21	2 56	0 41	18 1
T 4	23 10	26 40	3 44	21 2	0 21	20 55	0 36	24 16	1 2	21 50	0 30	21 9	1 21	2 56	0 40	18 1
F 5	23 14	27 55	4 24	21 24	0 14	21 10	0 33	24 13	1 2	21 48	0 30	21 10	1 20	2 56	0 40	18 2
S 6	23 18	27 43	4 52	21 46	0 7	21 24	0 31	24 10	1 2	21 45	0 30	21 11	1 20	2 56	0 40	18 2
S 7	23 21	25 59	5 5	22 6	0s 0	21 37	0 29	24 7	1 3	21 43	0 30	21 12	1 20	2 55	0 40	18 2
M 8	23 24	22 50	5 2	22 26	0 7	21 50	0 26	24 3	1 3	21 41	0 30	21 12	1 20	2 55	0 40	18 3
T 9	23 26	18 26	4 43	22 45	0 14	22 2	0 24	23 59	1 3	21 38	0 30	21 13	1 20	2 55	0 40	18 3
W10	23 28	13 3	4 7	23 2	0 21	22 14	0 21	23 55	1 3	21 36	0 30	21 14	1 20	2 55	0 40	18 3
T 11	23 30	6 58	3 17	23 18	0 28	22 25	0 19	23 50	1 3	21 33	0 30	21 15	1 20	2 56	0 40	18 4
F 12	23 30	0 28	2 15	23 34	0 35	22 35	0 17	23 45	1 3	21 31	0 31	21 16	1 20	2 56	0 40	18 4
S 13	23 31	6s 9	1 3	23 48	0 41	22 45	0 14	23 40	1 4	21 28	0 31	21 17	1 20	2 56	0 40	18 4
S 14	23 31	12 33	0s13	24 1	0 47	22 53	0 12	23 34	1 4	21 26	0 31	21 17	1 20	2 56	0 40	18 5
M15	23 30	18 20	1 29	24 12	0 53	23 2	0 9	23 29	1 4	21 23	0 31	21 18	1 20	2 56	0 40	18 5
T 16	23 29	23 5	2 39	24 23	0 59	23 9	0 7	23 23	1 4	21 21	0 31	21 19	1 20	2 56	0 40	18 5
W17	23 28	26 23	3 39	24 32	1 5	23 16	0 4	23 17	1 4	21 18	0 31	21 20	1 20	2 56	0 40	18 6
T 18	23 26	27 55	4 24	24 40	1 10	23 22	0 2	23 10	1 4	21 16	0 31	21 21	1 20	2 56	0 40	18 6
F 19	23 24	27 35	4 52	24 47	1 16	23 27	0s 1	23 3	1 5	21 13	0 31	21 21	1 20	2 57	0 40	18 6
S 20	23 21	25 31	5 3	24 52	1 21	23 32	0 3	22 56	1 5	21 10	0 31	21 22	1 20	2 57	0 40	18 7
S 21	23 17	22 4	4 56	24 56	1 26	23 36	0 5	22 49	1 5	21 8	0 31	21 23	1 20	2 57	0 40	18 7
M22	23 14	17 35	4 33	24 58	1 31	23 39	0 8	22 41	1 5	21 5	0 31	21 24	1 20	2 57	0 40	18 7
T 23	23 9	12 28	3 57	24 59	1 35	23 41	0 10	22 33	1 5	21 2	0 31	21 24	1 20	2 58	0 40	18 8
W24	23 5	6 59	3 11	24 59	1 39	23 43	0 13	22 25	1 5	20 59	0 31	21 25	1 20	2 58	0 40	18 8
T 25	22 59	1 21	2 18	24 57	1 43	23 44	0 15	22 17	1 5	20 57	0 31	21 26	1 20	2 58	0 40	18 9
F 26	22 54	4n15	1 19	24 53	1 47	23 44	0 17	22 8	1 5	20 54	0 31	21 26	1 20	2 59	0 40	18 9
S 27	22 48	9 40	0 17	24 48	1 50	23 43	0 20	22 0	1 5	20 51	0 31	21 27	1 20	2 59	0 40	18 9
S 28	22 41	14 44	0n46	24 42	1 53	23 42	0 22	21 50	1 5	20 48	0 32	21 28	1 20	3 0	0 40	18 10
M29	22 34	19 18	1 47	24 34	1 56	23 40	0 24	21 41	1 5	20 45	0 32	21 28	1 20	3 0	0 40	18 10
T 30	22 27	23 9	2 43	24 24	1 58	23 37	0 27	21 31	1 5	20 42	0 32	21 29	1 20	3 0	0 39	18 11
W31	22s19	26n 2	3n34	24s13	2s 0	23s34	0s29	21s22	1s 6	20s39	0s32	21s30	1n20	3n 1	0s39	18n11

Julian Day Number = 2242603.5, Delta T = 07m08s

Ecliptic obliquity = 23°30'56, Nutation = - 0°00'09, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°45'34, Lahiri = 15°52'34 Julian Calendar 1 Dec. 1427 == Greg. Calendar 10 Dec. 1427