Astrodienst Ephemeris Tables

for the year 1515

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 AG, Dammstr. 23, CH-8702 Zollikon / Zürich, www.astro.com / order@astro.com

ASTRODIENST EPHEMERIS for the year 1515
geocentric

JANUARY 1515 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 17 12	19♑48'11	24♋46	8♒ 8	6♓50	14♈54	6°R44	3♐46	22♈ 7	16♒44	28♐16	23°R28	24♌59	29♒48	4♑42	M 1
T 2	7 21 9	20°49'16	9♌42	9°22	7°52	15°30	6♊40	3°51	22° 7	16°46	28°18	23♌26	24°55	29°54	4°48	T 2
W 3	7 25 6	21°50'21	24°38	10°30	8°54	16° 6	6°36	3°57	22° 8	16°48	28°20	23°D25	24°52	0♓ 1	4°54	W 3
T 4	7 29 2	22°51'25	9♍25	11°33	9°55	16°43	6°32	4° 2	22° 8	16°50	28°22	23°26	24°49	0° 8	5° 0	T 4
F 5	7 32 59	23°52'28	23°58	12°28	10°56	17°19	6°29	4° 8	22° 9	16°53	28°24	23°27	24°46	0°14	5° 6	F 5
S 6	7 36 55	24°53'31	8♎13	13°16	11°56	17°56	6°25	4°13	22°10	16°55	28°26	23°29	24°43	0°21	5°12	S 6
S 7	7 40 52	25°54'34	22° 9	13°56	12°56	18°32	6°22	4°18	22°11	16°57	28°28	23°R29	24°40	0°28	5°18	S 7
M 8	7 44 48	26°55'36	5♏46	14°26	13°56	19° 9	6°20	4°24	22°12	16°59	28°30	23°29	24°36	0°34	5°24	M 8
T 9	7 48 45	27°56'37	19° 4	14°47	14°55	19°45	6°17	4°29	22°12	17° 1	28°32	23°28	24°33	0°41	5°29	T 9
W10	7 52 41	28°57'38	2♐ 6	14°R56	15°54	20°22	6°14	4°34	22°13	17° 3	28°34	23°25	24°30	0°48	5°35	W10
T 11	7 56 38	29°58'39	14°52	14°55	16°52	20°58	6°12	4°39	22°14	17° 6	28°35	23°21	24°27	0°54	5°41	T 11
F 12	8 0 35	0♒59'39	27°25	14°42	17°50	21°35	6°10	4°44	22°15	17° 8	28°37	23°18	24°24	1° 1	5°47	F 12
S 13	8 4 31	2° 0'38	9♑46	14°17	18°47	22°12	6° 8	4°49	22°17	17°10	28°39	23°14	24°20	1° 7	5°52	S 13
S 14	8 8 28	3° 1'36	21°57	13°42	19°43	22°49	6° 7	4°53	22°18	17°12	28°41	23°11	24°17	1°14	5°58	S 14
M15	8 12 24	4° 2'33	3♒59	12°57	20°39	23°26	6° 5	4°58	22°19	17°14	28°43	23° 9	24°14	1°21	6° 4	M15
T 16	8 16 21	5° 3'28	15°54	12° 2	21°35	24° 3	6° 4	5° 3	22°20	17°17	28°45	23° 8	24°11	1°27	6° 9	T 16
W17	8 20 17	6° 4'23	27°44	11° 1	22°30	24°40	6° 3	5° 7	22°22	17°19	28°47	23°D 7	24° 8	1°34	6°15	W17
T 18	8 24 14	7° 5'17	9♓31	9°53	23°24	25°17	6° 2	5°12	22°23	17°21	28°48	23° 8	24° 5	1°41	6°20	T 18
F 19	8 28 10	8° 6'09	21°18	8°42	24°17	25°54	6° 2	5°16	22°24	17°23	28°50	23° 9	24° 1	1°47	6°26	F 19
S 20	8 32 7	9° 6'59	3♈ 8	7°29	25°10	26°31	6° 1	5°21	22°26	17°26	28°52	23°11	23°58	1°54	6°31	S 20
S 21	8 36 4	10° 7'49	15° 6	6°16	26° 2	27° 8	6° 1	5°25	22°27	17°28	28°54	23°12	23°55	2° 1	6°37	S 21
M22	8 40 0	11° 8'37	27°15	5° 6	26°53	27°45	6°D 1	5°29	22°29	17°30	28°55	23°13	23°52	2° 7	6°42	M22
T 23	8 43 57	12° 9'23	9♉40	4° 0	27°43	28°23	6° 1	5°33	22°30	17°32	28°57	23°R13	23°49	2°14	6°47	T 23
W24	8 47 53	13°10'08	22°26	3° 0	28°33	29° 0	6° 2	5°37	22°32	17°35	28°59	23°13	23°46	2°21	6°53	W24
T 25	8 51 50	14°10'51	5♊35	2° 6	29°22	29°37	6° 2	5°41	22°34	17°37	29° 1	23°13	23°42	2°27	6°58	T 25
F 26	8 55 46	15°11'32	19°12	1°19	0♈10	0♉14	6° 3	5°45	22°35	17°39	29° 2	23°12	23°39	2°34	7° 3	F 26
S 27	8 59 43	16°12'12	3♋17	0°40	0°57	0°52	6° 4	5°49	22°37	17°42	29° 4	23°11	23°36	2°40	7° 8	S 27
S 28	9 3 39	17°12'50	17°47	0° 8	1°43	1°29	6° 5	5°53	22°39	17°44	29° 5	23°10	23°33	2°47	7°13	S 28
M29	9 7 36	18°13'27	2♌40	29♑45	2°28	2° 7	6° 7	5°56	22°41	17°46	29° 7	23°10	23°30	2°54	7°18	M29
T 30	9 11 33	19°14'02	17°47	29°30	3°11	2°44	6° 8	6° 0	22°43	17°48	29° 9	23°D 9	23°26	3° 0	7°23	T 30
W31	9 15 29	20♒14'35	2♍59	29♑22	3♈54	3♉21	6♊10	6♐ 3	22♈45	17♒51	29♐10	23♌ 9	23♌23	3♓ 7	7♑28	W31

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
M 1	22s 2	18n46	2s30	19s 9	0s54	9s31	0s31	6n14	0n23	20n56	0s34	19s12	1n48	8n 7	0s34	16s11	0s20	18s43	4n47	13n44	13n14	11s59	17s26	5n59
T 2	21 53	16 40	1 14	18 38	0 42	9 3	0 26	6 29	0 24	20 55	0 34	19 13	1 48	8 7	0 34	16 10	0 20	18 43	4 46	13 45	13 15	11 57	17 26	5 59
W 3	21 43	13 27	0n 7	18 8	0 30	8 34	0 20	6 44	0 25	20 55	0 34	19 13	1 48	8 7	0 34	16 10	0 20	18 43	4 46	13 45	13 16	11 56	17 26	5 59
T 4	21 33	9 24	1 27	17 38	0 16	8 6	0 15	6 59	0 26	20 55	0 33	19 14	1 48	8 7	0 34	16 9	0 20	18 43	4 46	13 45	13 17	11 54	17 25	5 59
F 5	21 23	4 51	2 40	17 8	0 2	7 37	0 9	7 14	0 27	20 54	0 33	19 15	1 48	8 8	0 34	16 9	0 20	18 43	4 46	13 44	13 18	11 53	17 25	6 0
S 6	21 12	0 8	3 42	16 40	0n13	7 9	0 3	7 29	0 28	20 54	0 33	19 16	1 48	8 8	0 33	16 8	0 20	18 43	4 46	13 44	13 19	11 51	17 24	6 0
S 7	21 1	4s29	4 29	16 13	0 30	6 40	0n 3	7 44	0 29	20 54	0 33	19 17	1 48	8 8	0 33	16 7	0 20	18 43	4 46	13 43	13 20	11 50	17 24	6 0
M 8	20 50	8 46	5 0	15 48	0 46	6 11	0 10	7 59	0 30	20 53	0 32	19 18	1 48	8 9	0 33	16 7	0 20	18 43	4 46	13 44	13 21	11 48	17 23	6 0
T 9	20 38	12 30	5 14	15 25	1 4	5 42	0 16	8 13	0 31	20 53	0 32	19 19	1 48	8 9	0 33	16 6	0 21	18 43	4 46	13 44	13 22	11 46	17 23	6 0
W10	20 25	15 33	5 11	15 6	1 22	5 14	0 23	8 28	0 32	20 53	0 32	19 20	1 49	8 10	0 33	16 5	0 21	18 43	4 46	13 45	13 23	11 45	17 22	6 1
T 11	20 12	17 47	4 53	14 49	1 40	4 45	0 29	8 43	0 33	20 53	0 32	19 20	1 49	8 10	0 33	16 5	0 21	18 43	4 46	13 46	13 24	11 43	17 22	6 1
F 12	19 59	19 8	4 21	14 36	1 57	4 16	0 36	8 58	0 34	20 52	0 32	19 21	1 49	8 10	0 33	16 4	0 21	18 43	4 46	13 47	13 25	11 42	17 22	6 1
S 13	19 46	19 32	3 37	14 26	2 15	3 47	0 43	9 12	0 35	20 52	0 31	19 22	1 49	8 11	0 33	16 3	0 21	18 43	4 46	13 49	13 27	11 40	17 21	6 2
S 14	19 32	19 1	2 44	14 20	2 32	3 18	0 50	9 27	0 36	20 52	0 31	19 23	1 49	8 11	0 33	16 3	0 21	18 43	4 46	13 50	13 28	11 39	17 20	6 2
M15	19 18	17 37	1 44	14 18	2 47	2 50	0 58	9 41	0 37	20 52	0 31	19 24	1 49	8 12	0 33	16 2	0 21	18 44	4 46	13 50	13 29	11 37	17 20	6 2
T 16	19 3	15 28	0 40	14 19	3 1	2 21	1 5	9 56	0 37	20 52	0 31	19 24	1 49	8 12	0 33	16 1	0 21	18 44	4 46	13 51	13 30	11 36	17 19	6 2
W17	18 48	12 41	0s26	14 24	3 14	1 53	1 12	10 10	0 38	20 52	0 30	19 25	1 49	8 13	0 33	16 1	0 21	18 44	4 46	13 51	13 31	11 34	17 19	6 3
T 18	18 33	9 24	1 30	14 32	3 24	1 24	1 20	10 25	0 39	20 52	0 30	19 26	1 49	8 13	0 33	16 0	0 21	18 44	4 46	13 50	13 32	11 33	17 18	6 3
F 19	18 17	5 45	2 30	14 43	3 32	0 56	1 28	10 39	0 40	20 53	0 30	19 26	1 49	8 14	0 33	15 59	0 21	18 44	4 46	13 50	13 33	11 31	17 18	6 3
S 20	18 1	1 52	3 24	14 56	3 37	0 28	1 36	10 53	0 41	20 53	0 30	19 27	1 50	8 14	0 33	15 59	0 21	18 44	4 46	13 50	13 34	11 29	17 17	6 4
S 21	17 45	2n 7	4 10	15 11	3 41	0n 0	1 44	11 7	0 41	20 53	0 30	19 28	1 50	8 15	0 33	15 58	0 21	18 44	4 46	13 49	13 35	11 28	17 17	6 4
M22	17 28	6 4	4 46	15 28	3 41	0 28	1 52	11 22	0 42	20 53	0 29	19 28	1 50	8 16	0 33	15 57	0 21	18 44	4 46	13 49	13 36	11 26	17 16	6 4
T 23	17 12	9 51	5 9	15 45	3 40	0 56	2 0	11 36	0 43	20 53	0 29	19 29	1 50	8 16	0 33	15 57	0 21	18 44	4 46	13 49	13 37	11 25	17 15	6 5
W24	16 54	13 18	5 18	16 2	3 36	1 23	2 8	11 50	0 44	20 54	0 29	19 30	1 50	8 17	0 33	15 56	0 21	18 44	4 46	13 49	13 38	11 23	17 15	6 5
T 25	16 37	16 12	5 10	16 20	3 30	1 50	2 17	12 4	0 44	20 54	0 29	19 30	1 50	8 18	0 33	15 55	0 21	18 44	4 46	13 49	13 39	11 22	17 14	6 5
F 26	16 19	18 19	4 46	16 37	3 23	2 17	2 25	12 17	0 45	20 54	0 28	19 31	1 50	8 18	0 33	15 55	0 21	18 44	4 46	13 49	13 40	11 20	17 14	6 6
S 27	16 1	19 24	4 3	16 54	3 15	2 44	2 34	12 31	0 46	20 55	0 28	19 31	1 50	8 19	0 33	15 54	0 21	18 44	4 46	13 50	13 41	11 18	17 13	6 6
S 28	15 43	19 16	3 4	17 10	3 5	3 10	2 43	12 45	0 47	20 55	0 28	19 32	1 50	8 20	0 33	15 53	0 21	18 44	4 46	13 50	13 42	11 17	17 12	6 6
M29	15 24	17 48	1 52	17 25	2 54	3 37	2 52	12 59	0 47	20 56	0 28	19 32	1 51	8 20	0 33	15 52	0 21	18 44	4 46	13 50	13 43	11 15	17 12	6 7
T 30	15 6	15 4	0 30	17 39	2 43	4 2	3 1	13 12	0 48	20 56	0 28	19 33	1 51	8 21	0 33	15 52	0 21	18 44	4 46	13 50	13 44	11 14	17 11	6 7
W31	14s46	11n17	0n54	17s52	2n31	4n28	3n10	13n26	0n49	20n57	0s27	19s33	1n51	8n22	0s33	15s51	0s21	18s44	4n46	13n50	13n45	11s12	17s10	6n 8

Julian Day Number = 2274411.5, Delta T = 258.46 sec
Ecliptic obliquity = 23°30'00, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°58'23, Lahiri = 17°05'24 Julian Calendar 1 Jan. 1515 == Greg. Calendar 11 Jan. 1515

ASTRODIENST EPHEMERIS for the year 1515
geocentric

FEBRUARY 1515 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 19 26	21♒15'07	18♍ 7	29°D22	4♈36	3♉59	6♊12	6♐ 7	22♈47	17♒53	29♐12	23♌10	23♌20	3♓14	7♑33	T 1
F 2	9 23 22	22°15'38	3♎ 3	29♑28	5°17	4°36	6°14	6°10	22°49	17°55	29°13	23°10	23°17	3°20	7°38	F 2
S 3	9 27 19	23°16'07	17°38	29°41	5°56	5°14	6°17	6°13	22°51	17°58	29°14	23°R10	23°14	3°27	7°43	S 3
S 4	9 31 15	24°16'35	1♏49	29°59	6°34	5°51	6°19	6°16	22°53	18° 0	29°16	23°10	23°11	3°34	7°48	S 4
M 5	9 35 12	25°17'01	15°35	0♒24	7°11	6°29	6°22	6°19	22°55	18° 2	29°17	23°10	23° 7	3°40	7°52	M 5
T 6	9 39 8	26°17'26	28°55	0°53	7°46	7° 7	6°25	6°22	22°57	18° 4	29°19	23°D10	23° 4	3°47	7°57	T 6
W 7	9 43 5	27°17'50	11♐53	1°28	8°20	7°44	6°28	6°25	23° 0	18° 7	29°20	23°10	23° 1	3°54	8° 2	W 7
T 8	9 47 2	28°18'13	24°30	2° 7	8°53	8°22	6°31	6°28	23° 2	18° 9	29°21	23°10	22°58	4° 0	8° 6	T 8
F 9	9 50 58	29°18'34	6♑51	2°50	9°24	8°59	6°35	6°30	23° 4	18°11	29°23	23°11	22°55	4° 7	8°11	F 9
S 10	9 54 55	0♓18'53	19° 0	3°36	9°53	9°37	6°39	6°33	23° 7	18°13	29°24	23°11	22°51	4°14	8°15	S 10
S 11	9 58 51	1°19'11	0♒59	4°26	10°21	10°15	6°43	6°36	23° 9	18°16	29°25	23°12	22°48	4°20	8°20	S 11
M12	10 2 48	2°19'27	12°51	5°20	10°48	10°52	6°47	6°38	23°11	18°18	29°26	23°13	22°45	4°27	8°24	M12
T 13	10 6 44	3°19'41	24°40	6°16	11°12	11°30	6°51	6°40	23°14	18°20	29°28	23°R13	22°42	4°33	8°28	T 13
W14	10 10 41	4°19'54	6♓27	7°16	11°35	12° 8	6°55	6°42	23°16	18°22	29°29	23°13	22°39	4°40	8°32	W14
T 15	10 14 37	5°20'05	18°15	8°18	11°55	12°45	7° 0	6°44	23°19	18°24	29°30	23°12	22°36	4°47	8°36	T 15
F 16	10 18 34	6°20'14	0♈ 6	9°22	12°14	13°23	7° 5	6°46	23°21	18°27	29°31	23°10	22°32	4°53	8°40	F 16
S 17	10 22 31	7°20'20	12° 1	10°29	12°31	14° 1	7°10	6°48	23°24	18°29	29°32	23° 8	22°29	5° 0	8°44	S 17
S 18	10 26 27	8°20'25	24° 4	11°37	12°46	14°39	7°15	6°50	23°27	18°31	29°33	23° 6	22°26	5° 7	8°48	S 18
M19	10 30 24	9°20'28	6♉18	12°48	12°58	15°16	7°20	6°52	23°29	18°33	29°34	23° 3	22°23	5°13	8°52	M19
T 20	10 34 20	10°20'29	18°45	14° 1	13° 9	15°54	7°26	6°53	23°32	18°35	29°35	23° 1	22°20	5°20	8°56	T 20
W21	10 38 17	11°20'27	1♊28	15°16	13°17	16°32	7°31	6°55	23°35	18°37	29°36	23° 0	22°17	5°27	9° 0	W21
T 22	10 42 13	12°20'23	14°32	16°32	13°23	17°10	7°37	6°56	23°38	18°40	29°37	23°D 0	22°13	5°33	9° 4	T 22
F 23	10 46 10	13°20'17	27°58	17°51	13°26	17°48	7°43	6°58	23°40	18°42	29°38	23° 1	22°10	5°40	9° 7	F 23
S 24	10 50 6	14°20'09	11♋50	19°10	13°R27	18°25	7°49	6°59	23°43	18°44	29°39	23° 2	22° 7	5°47	9°11	S 24
S 25	10 54 3	15°19'59	26° 6	20°32	13°26	19° 3	7°55	7° 0	23°46	18°46	29°40	23° 3	22° 4	5°53	9°14	S 25
M26	10 57 59	16°19'46	10♌46	21°54	13°22	19°41	8° 2	7° 1	23°49	18°48	29°41	23° 4	22° 1	6° 0	9°18	M26
T 27	11 1 56	17°19'31	25°45	23°19	13°16	20°19	8° 9	7° 2	23°52	18°50	29°41	23°R 5	21°57	6° 7	9°21	T 27
W28	11 5 53	18♓19'14	10♍56	24♒45	13♈ 7	20♉57	8♊15	7♐ 3	23♈55	18♒52	29♐42	23♌ 4	21♌54	6♓13	9♑24	W28

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
T 1	14s27	6n46	2n15	18s 4	2n19	4n53	3n19	13n39	0n49	20n57	0s27	19s34	1n51	8n23	0s33	15s50	0s21	18s44	4n46	13n50	13n47	11s10	17s10	6n 8
F 2	14 8	1 55	3 24	18 15	2 7	5 18	3 29	13 52	0 50	20 58	0 27	19 34	1 51	8 23	0 33	15 50	0 21	18 44	4 46	13 50	13 48	11 9	17 9	6 8
S 3	13 48	2s57	4 19	18 25	1 54	5 42	3 38	14 6	0 51	20 58	0 27	19 35	1 51	8 24	0 33	15 49	0 21	18 44	4 46	13 50	13 49	11 7	17 8	6 9
S 4	13 28	7 30	4 57	18 33	1 42	6 6	3 48	14 19	0 51	20 59	0 27	19 35	1 51	8 25	0 33	15 48	0 21	18 44	4 46	13 50	13 50	11 6	17 8	6 9
M 5	13 8	11 31	5 15	18 40	1 29	6 29	3 57	14 32	0 52	21 0	0 26	19 35	1 51	8 26	0 32	15 48	0 21	18 44	4 46	13 50	13 51	11 4	17 7	6 10
T 6	12 47	14 49	5 17	18 46	1 17	6 52	4 7	14 45	0 52	21 0	0 26	19 36	1 52	8 27	0 32	15 47	0 21	18 44	4 46	13 50	13 52	11 2	17 6	6 10
W 7	12 26	17 17	5 1	18 50	1 5	7 15	4 17	14 58	0 53	21 1	0 26	19 36	1 52	8 28	0 32	15 46	0 21	18 44	4 46	13 50	13 53	11 1	17 5	6 11
T 8	12 6	18 51	4 32	18 53	0 53	7 37	4 27	15 10	0 53	21 2	0 26	19 36	1 52	8 28	0 32	15 46	0 21	18 44	4 46	13 50	13 54	10 59	17 5	6 11
F 9	11 45	19 29	3 50	18 55	0 41	7 58	4 37	15 23	0 54	21 3	0 26	19 37	1 52	8 29	0 32	15 45	0 21	18 44	4 46	13 50	13 55	10 58	17 4	6 11
S 10	11 23	19 12	2 59	18 55	0 30	8 19	4 46	15 36	0 55	21 3	0 25	19 37	1 52	8 30	0 32	15 44	0 21	18 43	4 46	13 49	13 56	10 56	17 3	6 12
S 11	11 2	18 2	2 1	18 54	0 19	8 39	4 56	15 48	0 55	21 4	0 25	19 37	1 52	8 31	0 32	15 44	0 21	18 43	4 46	13 49	13 57	10 54	17 3	6 12
M12	10 40	16 5	0 57	18 52	0 8	8 58	5 6	16 0	0 56	21 5	0 25	19 38	1 52	8 32	0 32	15 43	0 21	18 43	4 47	13 49	13 58	10 53	17 2	6 13
T 13	10 19	13 28	0s 8	18 48	0s 3	9 17	5 16	16 13	0 56	21 6	0 25	19 38	1 52	8 33	0 32	15 42	0 21	18 43	4 47	13 49	13 59	10 51	17 1	6 13
W14	9 57	10 18	1 13	18 43	0 13	9 35	5 26	16 25	0 57	21 7	0 25	19 38	1 53	8 34	0 32	15 42	0 21	18 43	4 47	13 49	14 0	10 49	17 0	6 14
T 15	9 35	6 43	2 15	18 36	0 22	9 53	5 36	16 37	0 57	21 8	0 24	19 38	1 53	8 35	0 32	15 41	0 21	18 43	4 47	13 49	14 1	10 48	17 0	6 14
F 16	9 13	2 53	3 11	18 28	0 32	10 9	5 46	16 49	0 58	21 9	0 24	19 38	1 53	8 36	0 32	15 40	0 21	18 43	4 47	13 50	14 2	10 46	16 59	6 15
S 17	8 50	1n 6	3 59	18 19	0 41	10 25	5 56	17 1	0 58	21 10	0 24	19 39	1 53	8 37	0 32	15 40	0 21	18 43	4 47	13 51	14 3	10 44	16 58	6 15
S 18	8 28	5 4	4 37	18 8	0 49	10 40	6 6	17 12	0 59	21 11	0 24	19 39	1 53	8 38	0 32	15 39	0 21	18 43	4 47	13 51	14 4	10 43	16 57	6 16
M19	8 5	8 53	5 3	17 56	0 58	10 54	6 16	17 24	0 59	21 12	0 24	19 39	1 53	8 39	0 32	15 38	0 21	18 43	4 47	13 52	14 5	10 41	16 57	6 16
T 20	7 43	12 23	5 15	17 43	1 6	11 6	6 25	17 35	0 59	21 13	0 23	19 39	1 53	8 40	0 32	15 38	0 21	18 43	4 47	13 53	14 6	10 40	16 56	6 17
W21	7 20	15 24	5 13	17 28	1 13	11 18	6 35	17 47	1 0	21 14	0 23	19 39	1 54	8 41	0 32	15 37	0 21	18 43	4 47	13 53	14 7	10 38	16 55	6 17
T 22	6 57	17 44	4 54	17 12	1 20	11 29	6 44	17 58	1 0	21 15	0 23	19 39	1 54	8 42	0 32	15 36	0 21	18 43	4 47	13 53	14 8	10 36	16 54	6 18
F 23	6 34	19 10	4 19	16 54	1 27	11 39	6 53	18 9	1 1	21 17	0 23	19 39	1 54	8 43	0 32	15 36	0 21	18 43	4 47	13 53	14 9	10 35	16 54	6 18
S 24	6 11	19 31	3 29	16 35	1 33	11 47	7 2	18 20	1 1	21 18	0 23	19 39	1 54	8 44	0 32	15 35	0 21	18 43	4 47	13 53	14 10	10 33	16 53	6 19
S 25	5 48	18 38	2 24	16 15	1 39	11 55	7 10	18 31	1 2	21 19	0 22	19 39	1 54	8 45	0 32	15 34	0 21	18 43	4 47	13 52	14 11	10 31	16 52	6 19
M26	5 24	16 30	1 7	15 54	1 45	12 1	7 18	18 42	1 2	21 20	0 22	19 40	1 54	8 46	0 32	15 34	0 21	18 43	4 47	13 52	14 12	10 30	16 51	6 20
T 27	5 1	13 12	0n15	15 31	1 50	12 5	7 26	18 52	1 2	21 21	0 22	19 40	1 54	8 47	0 32	15 33	0 21	18 43	4 47	13 52	14 14	10 28	16 51	6 21
W28	4s38	8n59	1n37	15s 6	1s55	12n 9	7n34	19n 3	1n 3	21n23	0s22	19s40	1n55	8n48	0s32	15s32	0s21	18s43	4n47	13n52	14n15	10s26	16s50	6n21

Julian Day Number = 2274442.5, Delta T = 258.27 sec
Ecliptic obliquity = 23°30'01, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°58'27, Lahiri = 17°05'28 Julian Calendar 1 Feb. 1515 == Greg. Calendar 11 Feb. 1515

ASTRODIENST EPHEMERIS for the year 1515
geocentric

MARCH 1515 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 9 49	19♓18'55	26♍ 9	26♒12	12°R55	21♉35	8♊22	7♐ 3	23♈58	18♒54	29♐43	23°R 2	21♌51	6♓20	9♋27	T 1
F 2	11 13 46	20°18'34	11♎15	27°40	12♈41	22°12	8°29	7° 4	24° 1	18°56	29°43	22♌58	21°48	6°27	9°30	F 2
S 3	11 17 42	21°18'11	26° 5	29°10	12°25	22°50	8°36	7° 4	24° 4	18°58	29°44	22°54	21°45	6°33	9°33	S 3
S 4	11 21 39	22°17'46	10♏30	0♓42	12° 6	23°28	8°44	7° 5	24° 7	19° 0	29°45	22°50	21°42	6°40	9°36	S 4
M 5	11 25 35	23°17'19	24°28	2°14	11°45	24° 6	8°51	7° 5	24°10	19° 2	29°45	22°47	21°38	6°46	9°39	M 5
T 6	11 29 32	24°16'51	7♐57	3°48	11°21	24°44	8°59	7° 5	24°13	19° 4	29°46	22°44	21°35	6°53	9°42	T 6
W 7	11 33 28	25°16'21	20°59	5°23	10°56	25°22	9° 7	7° 5	24°16	19° 6	29°46	22°D43	21°32	7° 0	9°45	W 7
T 8	11 37 25	26°15'49	3♑37	7° 0	10°28	25°59	9°15	7°R 5	24°19	19° 8	29°47	22°43	21°29	7° 6	9°47	T 8
F 9	11 41 22	27°15'15	15°55	8°38	9°58	26°37	9°23	7° 5	24°22	19°10	29°47	22°44	21°26	7°13	9°50	F 9
S 10	11 45 18	28°14'40	27°58	10°17	9°27	27°15	9°31	7° 5	24°25	19°12	29°48	22°46	21°23	7°20	9°53	S 10
S 11	11 49 15	29°14'02	9♒52	11°58	8°54	27°53	9°39	7° 5	24°29	19°14	29°48	22°47	21°19	7°26	9°55	S 11
M12	11 53 11	0♈13'23	21°39	13°40	8°20	28°31	9°48	7° 4	24°32	19°15	29°49	22°R48	21°16	7°33	9°57	M12
T 13	11 57 8	1°12'42	3♓25	15°23	7°45	29° 9	9°56	7° 4	24°35	19°17	29°49	22°48	21°13	7°40	10° 0	T 13
W14	12 1 4	2°11'59	15°13	17° 8	7° 8	29°47	10° 5	7° 3	24°38	19°19	29°49	22°45	21°10	7°46	10° 2	W14
T 15	12 5 1	3°11'14	27° 5	18°54	6°31	0♊24	10°14	7° 3	24°41	19°21	29°50	22°41	21° 7	7°53	10° 4	T 15
F 16	12 8 57	4°10'27	9♈ 2	20°41	5°54	1° 2	10°23	7° 2	24°45	19°23	29°50	22°34	21° 3	8° 0	10° 6	F 16
S 17	12 12 54	5° 9'37	21° 8	22°30	5°16	1°40	10°32	7° 1	24°48	19°24	29°50	22°27	21° 0	8° 6	10° 8	S 17
S 18	12 16 51	6° 8'46	3♉23	24°20	4°38	2°18	10°41	7° 0	24°51	19°26	29°50	22°19	20°57	8°13	10°10	S 18
M19	12 20 47	7° 7'52	15°48	26°12	4° 1	2°56	10°50	6°59	24°55	19°28	29°50	22°11	20°54	8°20	10°12	M19
T 20	12 24 44	8° 6'57	28°25	28° 5	3°24	3°34	11° 0	6°58	24°58	19°29	29°51	22° 3	20°51	8°26	10°13	T 20
W21	12 28 40	9° 5'59	11♊15	29°59	2°47	4°12	11° 9	6°56	25° 1	19°31	29°51	21°58	20°48	8°33	10°15	W21
T 22	12 32 37	10° 4'58	24°21	1♈55	2°12	4°49	11°19	6°55	25° 5	19°33	29°51	21°55	20°44	8°40	10°16	T 22
F 23	12 36 33	11° 3'56	7♋43	3°52	1°38	5°27	11°29	6°54	25° 8	19°34	29°R51	21°D54	20°41	8°46	10°18	F 23
S 24	12 40 30	12° 2'51	21°25	5°51	1° 5	6° 5	11°38	6°52	25°11	19°36	29°51	21°54	20°38	8°53	10°19	S 24
S 25	12 44 26	13° 1'44	5♌27	7°51	0°34	6°43	11°48	6°50	25°15	19°37	29°51	21°55	20°35	8°59	10°21	S 25
M26	12 48 23	14° 0'34	19°49	9°52	0° 5	7°21	11°58	6°49	25°18	19°39	29°51	21°R56	20°32	9° 6	10°22	M26
T 27	12 52 19	14°59'22	4♍29	11°54	29♓37	7°59	12° 9	6°47	25°22	19°40	29°51	21°55	20°28	9°13	10°23	T 27
W28	12 56 16	15°58'08	19°22	13°58	29°12	8°36	12°19	6°45	25°25	19°42	29°50	21°52	20°25	9°19	10°24	W28
T 29	13 0 13	16°56'52	4♎23	16° 3	28°49	9°14	12°29	6°43	25°28	19°43	29°50	21°47	20°22	9°26	10°25	T 29
F 30	13 4 9	17°55'33	19°21	18° 8	28°28	9°52	12°40	6°41	25°32	19°45	29°50	21°40	20°19	9°33	10°26	F 30
S 31	13 8 6	18♈54'13	4♏ 8	20♈14	28♓ 9	10♊30	12♊50	6♐39	25♈35	19♒46	29♐50	21♌31	20♌16	9♓39	10♋27	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s14	4n10	2n52	14s41	1s59	12n11	7n41	19n13	1n 3	21n24	0s22	19s39	1n55	8n50	0s32	15s32	0s21	18s43	4n47	13n53	14n16	10s25	16s49	6n22
F 2	3 51	0s52	3 55	14 14	2 3	12 11	7 47	19 23	1 4	21 25	0 22	19 39	1 55	8 51	0 32	15 31	0 21	18 43	4 47	13 54	14 17	10 23	16 48	6 22
S 3	3 27	5 44	4 40	13 46	2 6	12 10	7 53	19 34	1 4	21 27	0 21	19 39	1 55	8 52	0 32	15 31	0 21	18 43	4 47	13 55	14 18	10 21	16 48	6 23
S 4	3 4	10 9	5 7	13 16	2 9	12 8	7 59	19 43	1 4	21 28	0 21	19 39	1 55	8 53	0 32	15 30	0 21	18 43	4 47	13 56	14 19	10 20	16 47	6 23
M 5	2 40	13 52	5 14	12 45	2 12	12 4	8 4	19 53	1 5	21 29	0 21	19 39	1 55	8 54	0 32	15 29	0 21	18 43	4 47	13 58	14 20	10 18	16 46	6 24
T 6	2 17	16 42	5 3	12 13	2 14	11 58	8 8	20 3	1 5	21 31	0 21	19 39	1 55	8 55	0 32	15 29	0 21	18 42	4 48	13 58	14 21	10 16	16 45	6 24
W 7	1 53	18 36	4 37	11 40	2 16	11 51	8 11	20 12	1 5	21 32	0 21	19 39	1 56	8 56	0 32	15 28	0 21	18 42	4 48	13 59	14 22	10 14	16 44	6 25
T 8	1 29	19 30	3 57	11 5	2 17	11 43	8 14	20 22	1 6	21 33	0 21	19 39	1 56	8 58	0 32	15 28	0 21	18 42	4 48	13 59	14 23	10 13	16 44	6 26
F 9	1 6	19 26	3 8	10 29	2 18	11 33	8 16	20 31	1 6	21 35	0 20	19 39	1 56	8 59	0 32	15 27	0 21	18 42	4 48	13 58	14 24	10 11	16 43	6 26
S 10	0 42	18 28	2 12	9 52	2 18	11 21	8 17	20 40	1 6	21 36	0 20	19 39	1 56	9 0	0 32	15 26	0 21	18 42	4 48	13 58	14 25	10 9	16 42	6 27
S 11	0 18	16 42	1 10	9 13	2 18	11 8	8 17	20 49	1 7	21 37	0 20	19 38	1 56	9 1	0 32	15 26	0 21	18 42	4 48	13 57	14 26	10 8	16 41	6 27
M12	0n 5	14 13	0 6	8 33	2 18	10 54	8 16	20 58	1 7	21 39	0 20	19 38	1 56	9 2	0 32	15 25	0 21	18 42	4 48	13 57	14 27	10 6	16 41	6 28
T 13	0 29	11 10	0s58	7 52	2 16	10 38	8 15	21 7	1 7	21 40	0 20	19 38	1 56	9 3	0 32	15 25	0 21	18 42	4 48	13 57	14 28	10 4	16 40	6 29
W14	0 53	7 40	1 59	7 10	2 15	10 22	8 12	21 15	1 7	21 42	0 20	19 38	1 56	9 5	0 32	15 24	0 21	18 42	4 48	13 58	14 29	10 3	16 39	6 29
T 15	1 16	3 51	2 56	6 26	2 13	10 4	8 9	21 23	1 8	21 43	0 19	19 38	1 57	9 6	0 32	15 24	0 21	18 42	4 48	13 59	14 30	10 1	16 38	6 30
F 16	1 40	0n 9	3 45	5 42	2 10	9 45	8 4	21 32	1 8	21 45	0 19	19 37	1 57	9 7	0 32	15 23	0 21	18 42	4 48	14 1	14 31	9 59	16 38	6 30
S 17	2 3	4 11	4 24	4 56	2 7	9 25	7 59	21 40	1 8	21 46	0 19	19 37	1 57	9 8	0 32	15 23	0 21	18 42	4 48	14 4	14 32	9 57	16 37	6 31
S 18	2 27	8 6	4 52	4 9	2 4	9 4	7 53	21 48	1 8	21 48	0 19	19 37	1 57	9 10	0 32	15 22	0 21	18 42	4 48	14 7	14 33	9 56	16 36	6 32
M19	2 50	11 43	5 7	3 21	2 0	8 43	7 46	21 55	1 9	21 49	0 19	19 36	1 57	9 11	0 32	15 22	0 21	18 42	4 48	14 9	14 34	9 54	16 35	6 32
T 20	3 14	14 52	5 7	2 32	1 55	8 21	7 38	22 3	1 9	21 51	0 19	19 36	1 57	9 12	0 32	15 21	0 21	18 42	4 48	14 12	14 35	9 52	16 35	6 33
W21	3 37	17 22	4 51	1 41	1 50	7 59	7 29	22 10	1 9	21 52	0 18	19 36	1 57	9 13	0 32	15 21	0 21	18 42	4 48	14 13	14 36	9 51	16 34	6 33
T 22	4 0	19 2	4 21	0 50	1 45	7 36	7 20	22 18	1 9	21 53	0 18	19 35	1 57	9 14	0 32	15 20	0 21	18 42	4 48	14 14	14 37	9 49	16 33	6 34
F 23	4 23	19 41	3 35	0n 2	1 38	7 13	7 10	22 25	1 10	21 55	0 18	19 35	1 58	9 16	0 32	15 20	0 22	18 42	4 48	14 15	14 38	9 47	16 32	6 35
S 24	4 46	19 12	2 37	0 55	1 32	6 50	6 59	22 32	1 10	21 56	0 18	19 35	1 58	9 17	0 31	15 19	0 22	18 42	4 48	14 15	14 39	9 45	16 32	6 35
S 25	5 9	17 32	1 28	1 49	1 25	6 28	6 48	22 38	1 10	21 58	0 18	19 34	1 58	9 18	0 31	15 19	0 22	18 41	4 49	14 14	14 40	9 44	16 31	6 36
M26	5 32	14 44	0 11	2 44	1 17	6 5	6 36	22 45	1 10	21 59	0 18	19 34	1 58	9 19	0 31	15 18	0 22	18 41	4 49	14 14	14 41	9 42	16 30	6 37
T 27	5 55	10 56	1n 7	3 40	1 9	5 43	6 24	22 51	1 11	22 1	0 18	19 33	1 58	9 21	0 31	15 18	0 22	18 41	4 49	14 14	14 42	9 40	16 30	6 37
W28	6 18	6 24	2 22	4 36	1 0	5 21	6 11	22 58	1 11	22 2	0 17	19 33	1 58	9 22	0 31	15 17	0 22	18 41	4 49	14 15	14 43	9 38	16 29	6 38
T 29	6 41	1 26	3 28	5 32	0 51	5 0	5 58	23 4	1 11	22 4	0 17	19 33	1 58	9 23	0 31	15 17	0 22	18 41	4 49	14 17	14 44	9 37	16 28	6 38
F 30	7 3	3s36	4 19	6 29	0 42	4 40	5 45	23 10	1 11	22 5	0 17	19 32	1 58	9 25	0 31	15 16	0 22	18 41	4 49	14 19	14 45	9 35	16 28	6 39
S 31	7n25	8s21	4n52	7n26	0s32	4n20	5n32	23n15	1n11	22n 7	0s17	19s32	1n58	9n26	0s31	15s16	0s22	18s41	4n49	14n22	14n46	9s33	16s27	6n40

Julian Day Number = 2274470.5, Delta T = 258.09 sec
Ecliptic obliquity = 23°30'02, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°58'31, Lahiri = 17°05'32 Julian Calendar 1 March 1515 == Greg. Calendar 11 March 1515

ASTRODIENST EPHEMERIS for the year 1515
geocentric

APRIL 1515 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 12 2	19♈52'51	18♏37	22♈21	27°R53	11♊ 8	13♊ 1	6°R36	25♈39	19♒47	29°R50	21°R22	20♌13	9♓46	10♉27	S 1
M 2	13 15 59	20°51'27	2♐40	24°28	27♓39	11°46	13°12	6♐34	25°42	19°49	29♐49	21♌14	20° 9	9°53	10°28	M 2
T 3	13 19 55	21°50'01	16°15	26°35	27°28	12°23	13°23	6°32	25°46	19°50	29°49	21° 7	20° 6	9°59	10°28	T 3
W 4	13 23 52	22°48'34	29°22	28°43	27°19	13° 1	13°34	6°29	25°49	19°51	29°49	21° 2	20° 3	10° 6	10°29	W 4
T 5	13 27 48	23°47'05	12♉ 4	0♉49	27°13	13°39	13°45	6°26	25°53	19°53	29°48	20°59	20° 0	10°13	10°29	T 5
F 6	13 31 45	24°45'34	24°24	2°55	27° 9	14°17	13°56	6°24	25°56	19°54	29°48	20°D59	19°57	10°19	10°30	F 6
S 7	13 35 42	25°44'02	6♒28	5° 0	27°D 7	14°54	14° 7	6°21	25°59	19°55	29°47	20°59	19°54	10°26	10°30	S 7
S 8	13 39 38	26°42'28	18°21	7° 4	27° 8	15°32	14°18	6°18	26° 3	19°56	29°47	20°R59	19°50	10°33	10°30	S 8
M 9	13 43 35	27°40'52	0♓ 9	9° 6	27°11	16°10	14°29	6°15	26° 6	19°57	29°47	20°59	19°47	10°39	10°R30	M 9
T 10	13 47 31	28°39'15	11°55	11° 6	27°17	16°48	14°41	6°12	26°10	19°58	29°46	20°57	19°44	10°46	10°30	T 10
W11	13 51 28	29°37'36	23°46	13° 3	27°24	17°26	14°52	6° 9	26°13	20° 0	29°45	20°52	19°41	10°53	10°30	W11
T 12	13 55 24	0♉35'55	5♈43	14°58	27°34	18° 3	15° 4	6° 6	26°17	20° 1	29°45	20°45	19°38	10°59	10°29	T 12
F 13	13 59 21	1°34'13	17°50	16°50	27°46	18°41	15°16	6° 3	26°20	20° 2	29°44	20°35	19°34	11° 6	10°29	F 13
S 14	14 3 17	2°32'29	0♉ 8	18°40	28° 0	19°19	15°27	6° 0	26°24	20° 3	29°44	20°24	19°31	11°13	10°29	S 14
S 15	14 7 14	3°30'43	12°38	20°26	28°17	19°57	15°39	5°56	26°27	20° 4	29°43	20°11	19°28	11°19	10°28	S 15
M16	14 11 11	4°28'56	25°21	22° 8	28°35	20°34	15°51	5°53	26°30	20° 4	29°42	19°58	19°25	11°26	10°28	M16
T 17	14 15 7	5°27'06	8♊15	23°47	28°54	21°12	16° 3	5°49	26°34	20° 5	29°42	19°47	19°22	11°32	10°27	T 17
W18	14 19 4	6°25'15	21°21	25°22	29°16	21°50	16°15	5°46	26°37	20° 6	29°41	19°38	19°19	11°39	10°26	W18
T 19	14 23 0	7°23'22	4♋39	26°54	29°39	22°28	16°27	5°42	26°41	20° 7	29°40	19°32	19°15	11°46	10°26	T 19
F 20	14 26 57	8°21'27	18° 9	28°21	0♈ 5	23° 5	16°39	5°39	26°44	20° 8	29°39	19°29	19°12	11°52	10°25	F 20
S 21	14 30 53	9°19'30	1♌52	29°45	0°31	23°43	16°51	5°35	26°47	20° 9	29°39	19°28	19° 9	11°59	10°24	S 21
S 22	14 34 50	10°17'31	15°47	1♊ 4	0°59	24°21	17° 4	5°31	26°51	20° 9	29°38	19°27	19° 6	12° 6	10°23	S 22
M23	14 38 46	11°15'30	29°56	2°20	1°29	24°59	17°16	5°27	26°54	20°10	29°37	19°27	19° 3	12°12	10°22	M23
T 24	14 42 43	12°13'27	14♍17	3°31	2° 0	25°36	17°28	5°23	26°58	20°11	29°36	19°26	18°59	12°19	10°20	T 24
W25	14 46 40	13°11'23	28°49	4°38	2°33	26°14	17°41	5°20	27° 1	20°11	29°35	19°22	18°56	12°26	10°19	W25
T 26	14 50 36	14° 9'16	13♎26	5°40	3° 7	26°52	17°53	5°16	27° 4	20°12	29°34	19°15	18°53	12°32	10°18	T 26
F 27	14 54 33	15° 7'08	28° 3	6°39	3°42	27°29	18° 6	5°12	27° 8	20°13	29°33	19° 6	18°50	12°39	10°16	F 27
S 28	14 58 29	16° 4'58	12♏33	7°32	4°18	28° 7	18°18	5° 8	27°11	20°13	29°32	18°55	18°47	12°46	10°15	S 28
S 29	15 2 26	17° 2'47	26°48	8°21	4°56	28°45	18°31	5° 4	27°14	20°14	29°31	18°43	18°44	12°52	10°13	S 29
M30	15 6 22	18♉ 0'34	10♐43	9♊ 6	5♈35	29♊23	18♊44	4♐59	27♈18	20♒14	29♐30	18♌32	18♌40	12♓59	10♉12	M30

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	7n48	12s31	5n 5	8n23	0s22	4n 1	5n18	23n21	1n12	22n 8	0s17	19s31	1n59	9n27	0s31	15s16	0s22	18s41	4n49	14n25	14n47	9s31	16s26	6n40
M 2	8 10	15 51	4 59	9 20	0 12	3 43	5 5	23 26	1 12	22 10	0 17	19 31	1 59	9 28	0 31	15 15	0 22	18 41	4 49	14 28	14 48	9 30	16 25	6 41
T 3	8 32	18 12	4 37	10 16	0 1	3 26	4 51	23 32	1 12	22 11	0 17	19 30	1 59	9 30	0 31	15 15	0 22	18 41	4 49	14 30	14 49	9 28	16 25	6 42
W 4	8 54	19 30	4 0	11 12	0n10	3 10	4 37	23 37	1 12	22 13	0 16	19 30	1 59	9 31	0 31	15 14	0 22	18 41	4 49	14 31	14 50	9 26	16 24	6 42
T 5	9 15	19 45	3 13	12 7	0 21	2 55	4 23	23 41	1 12	22 14	0 16	19 29	1 59	9 32	0 31	15 14	0 22	18 41	4 49	14 32	14 51	9 24	16 23	6 43
F 6	9 37	19 2	2 17	13 1	0 32	2 41	4 9	23 46	1 12	22 16	0 16	19 29	1 59	9 33	0 31	15 14	0 22	18 41	4 49	14 32	14 52	9 23	16 23	6 43
S 7	9 58	17 28	1 17	13 53	0 42	2 27	3 56	23 51	1 12	22 17	0 16	19 28	1 59	9 35	0 31	15 13	0 22	18 41	4 49	14 32	14 53	9 21	16 22	6 44
S 8	10 19	15 9	0 14	14 45	0 53	2 15	3 42	23 55	1 13	22 19	0 16	19 28	1 59	9 36	0 31	15 13	0 22	18 41	4 49	14 32	14 54	9 19	16 22	6 45
M 9	10 41	12 13	0s49	15 34	1 4	2 4	3 29	23 59	1 13	22 20	0 16	19 27	1 59	9 37	0 31	15 13	0 22	18 41	4 49	14 32	14 55	9 17	16 21	6 45
T 10	11 1	8 47	1 49	16 22	1 14	1 55	3 16	24 3	1 13	22 22	0 16	19 26	1 59	9 38	0 31	15 12	0 22	18 41	4 49	14 33	14 56	9 16	16 20	6 46
W11	11 22	5 1	2 45	17 8	1 24	1 46	3 3	24 7	1 13	22 23	0 15	19 26	1 59	9 40	0 31	15 12	0 22	18 41	4 49	14 34	14 57	9 14	16 20	6 47
T 12	11 43	1 0	3 34	17 51	1 33	1 38	2 50	24 11	1 13	22 24	0 15	19 25	1 59	9 41	0 31	15 12	0 22	18 41	4 49	14 37	14 58	9 12	16 19	6 47
F 13	12 3	3n 6	4 14	18 33	1 42	1 31	2 37	24 14	1 13	22 26	0 15	19 25	2 0	9 42	0 31	15 11	0 22	18 41	4 49	14 40	14 59	9 10	16 19	6 48
S 14	12 23	7 8	4 43	19 12	1 51	1 25	2 25	24 17	1 13	22 27	0 15	19 24	2 0	9 43	0 31	15 11	0 22	18 41	4 49	14 44	15 0	9 9	16 18	6 48
S 15	12 43	10 55	4 59	19 48	1 59	1 21	2 13	24 20	1 14	22 29	0 15	19 23	2 0	9 45	0 31	15 11	0 22	18 41	4 49	14 48	15 1	9 7	16 17	6 49
M16	13 3	14 17	5 0	20 22	2 6	1 17	2 1	24 23	1 14	22 30	0 15	19 23	2 0	9 46	0 31	15 11	0 22	18 41	4 49	14 52	15 2	9 5	16 17	6 50
T 17	13 22	17 2	4 46	20 54	2 12	1 14	1 50	24 26	1 14	22 31	0 15	19 22	2 0	9 47	0 31	15 10	0 22	18 41	4 49	14 55	15 3	9 3	16 16	6 50
W18	13 42	18 57	4 17	21 23	2 18	1 13	1 38	24 29	1 14	22 33	0 15	19 21	2 0	9 48	0 31	15 10	0 22	18 41	4 49	14 58	15 4	9 1	16 16	6 51
T 19	14 1	19 52	3 34	21 49	2 22	1 12	1 27	24 31	1 14	22 34	0 14	19 21	2 0	9 50	0 31	15 10	0 22	18 40	4 50	15 0	15 5	9 0	16 15	6 51
F 20	14 20	19 40	2 38	22 13	2 26	1 12	1 16	24 33	1 14	22 36	0 14	19 20	2 0	9 51	0 31	15 10	0 22	18 40	4 50	15 1	15 6	8 58	16 15	6 52
S 21	14 38	18 18	1 32	22 35	2 30	1 13	1 6	24 35	1 14	22 37	0 14	19 19	2 0	9 52	0 31	15 9	0 22	18 40	4 50	15 1	15 7	8 56	16 14	6 53
S 22	14 57	15 50	0 19	22 54	2 32	1 15	0 56	24 37	1 14	22 38	0 14	19 19	2 0	9 53	0 31	15 9	0 22	18 40	4 50	15 1	15 8	8 54	16 14	6 53
M23	15 15	12 23	0n55	23 11	2 33	1 18	0 46	24 39	1 14	22 39	0 14	19 18	2 0	9 55	0 31	15 9	0 22	18 40	4 50	15 1	15 9	8 52	16 13	6 54
T 24	15 33	8 9	2 7	23 25	2 34	1 21	0 36	24 40	1 14	22 41	0 14	19 17	2 0	9 56	0 31	15 9	0 22	18 40	4 50	15 2	15 10	8 51	16 13	6 54
W25	15 50	3 25	3 12	23 38	2 33	1 25	0 27	24 41	1 14	22 42	0 14	19 17	2 0	9 57	0 31	15 9	0 22	18 40	4 50	15 3	15 11	8 49	16 12	6 55
T 26	16 8	1s34	4 5	23 47	2 32	1 31	0 18	24 42	1 14	22 43	0 14	19 16	2 0	9 58	0 31	15 8	0 22	18 40	4 50	15 5	15 12	8 47	16 12	6 55
F 27	16 25	6 26	4 41	23 55	2 29	1 36	0 9	24 43	1 15	22 45	0 13	19 15	2 0	9 59	0 31	15 8	0 22	18 40	4 50	15 8	15 13	8 45	16 11	6 56
S 28	16 42	10 54	4 59	24 1	2 26	1 43	0s 0	24 44	1 15	22 46	0 13	19 14	2 0	10 1	0 31	15 8	0 22	18 40	4 50	15 12	15 14	8 43	16 11	6 57
S 29	16 58	14 40	4 58	24 5	2 21	1 50	0 8	24 44	1 15	22 47	0 13	19 14	2 0	10 2	0 31	15 8	0 22	18 40	4 50	15 15	15 15	8 41	16 10	6 57
M30	17n14	17s31	4n39	24n 6	2n16	1n58	0s16	24n45	1n15	22n48	0s13	19s13	2n 0	10n 3	0s31	15s 8	0s22	18s40	4n50	15n19	15n16	8s40	16s10	6n58

Julian Day Number = 2274501.5, Delta T = 257.90 sec
Ecliptic obliquity = 23°30'02, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°58'36, Lahiri = 17°05'36 Julian Calendar 1 Apr. 1515 == Greg. Calendar 11 Apr. 1515

ASTRODIENST EPHEMERIS for the year 1515
geocentric

MAY 1515 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 10 19	18♉58'20	24♐15	9♊46	6♈15	0♋ 0	18♊57	4°R55	27♈21	20♒15	29°R29	18°R23	18♌37	13♓ 6	10°R10	T 1
W 2	15 14 15	19°56'05	7♑21	10°21	6°56	0°38	19° 9	4♐51	27°24	20°15	29♐28	18♌16	18°34	13°12	10♑ 8	W 2
T 3	15 18 12	20°53'49	20° 4	10°52	7°38	1°16	19°22	4°47	27°27	20°15	29°27	18°11	18°31	13°19	10° 6	T 3
F 4	15 22 9	21°51'31	2♒26	11°17	8°21	1°53	19°35	4°43	27°31	20°16	29°26	18° 9	18°28	13°26	10° 4	F 4
S 5	15 26 5	22°49'12	14°32	11°38	9° 5	2°31	19°48	4°38	27°34	20°16	29°25	18° 8	18°25	13°32	10° 2	S 5
S 6	15 30 2	23°46'53	26°27	11°54	9°49	3° 9	20° 1	4°34	27°37	20°16	29°23	18° 8	18°21	13°39	10° 0	S 6
M 7	15 33 58	24°44'32	8♓16	12° 6	10°35	3°46	20°14	4°30	27°40	20°17	29°22	18° 8	18°18	13°46	9°58	M 7
T 8	15 37 55	25°42'10	20° 5	12°12	11°22	4°24	20°27	4°25	27°43	20°17	29°21	18° 6	18°15	13°52	9°56	T 8
W 9	15 41 51	26°39'47	1♈59	12°R14	12° 9	5° 2	20°40	4°21	27°46	20°17	29°20	18° 1	18°12	13°59	9°54	W 9
T 10	15 45 48	27°37'23	14° 1	12°11	12°57	5°39	20°53	4°17	27°49	20°17	29°19	17°54	18° 9	14° 6	9°51	T 10
F 11	15 49 44	28°34'59	26°16	12° 4	13°46	6°17	21° 6	4°12	27°53	20°17	29°17	17°45	18° 5	14°12	9°49	F 11
S 12	15 53 41	29°32'33	8♉46	11°52	14°36	6°55	21°20	4° 8	27°56	20°17	29°16	17°34	18° 2	14°19	9°46	S 12
S 13	15 57 38	0♊30'06	21°32	11°37	15°26	7°32	21°33	4° 3	27°59	20°17	29°15	17°21	17°59	14°26	9°44	S 13
M14	16 1 34	1°27'38	4♊34	11°17	16°17	8°10	21°46	3°59	28° 2	20°R17	29°14	17° 9	17°56	14°32	9°41	M14
T 15	16 5 31	2°25'09	17°50	10°55	17° 8	8°48	21°59	3°54	28° 5	20°17	29°12	16°58	17°53	14°39	9°39	T 15
W16	16 9 27	3°22'39	1♋18	10°29	18° 0	9°25	22°13	3°50	28° 8	20°17	29°11	16°49	17°50	14°46	9°36	W16
T 17	16 13 24	4°20'08	14°57	10° 0	18°53	10° 3	22°26	3°46	28°11	20°17	29°10	16°43	17°46	14°52	9°33	T 17
F 18	16 17 20	5°17'36	28°45	9°30	19°46	10°41	22°39	3°41	28°14	20°17	29° 8	16°40	17°43	14°59	9°30	F 18
S 19	16 21 17	6°15'02	12♌39	8°58	20°40	11°18	22°53	3°37	28°16	20°17	29° 7	16°D39	17°40	15° 6	9°27	S 19
S 20	16 25 13	7°12'27	26°40	8°25	21°35	11°56	23° 6	3°32	28°19	20°17	29° 5	16°39	17°37	15°12	9°24	S 20
M21	16 29 10	8° 9'51	10♍47	7°51	22°29	12°33	23°20	3°28	28°22	20°17	29° 4	16°R39	17°34	15°19	9°21	M21
T 22	16 33 7	9° 7'14	24°57	7°18	23°25	13°11	23°33	3°23	28°25	20°16	29° 3	16°38	17°31	15°26	9°18	T 22
W23	16 37 3	10° 4'36	9♎11	6°45	24°21	13°49	23°47	3°19	28°28	20°16	29° 1	16°35	17°27	15°32	9°15	W23
T 24	16 41 0	11° 1'56	23°25	6°14	25°17	14°26	24° 0	3°15	28°31	20°16	29° 0	16°30	17°24	15°39	9°12	T 24
F 25	16 44 56	11°59'15	7♏36	5°44	26°13	15° 4	24°14	3°10	28°33	20°16	28°58	16°22	17°21	15°46	9° 9	F 25
S 26	16 48 53	12°56'34	21°40	5°17	27°11	15°42	24°27	3° 6	28°36	20°15	28°57	16°13	17°18	15°52	9° 6	S 26
S 27	16 52 49	13°53'52	5♐32	4°52	28° 8	16°19	24°41	3° 2	28°39	20°15	28°55	16° 3	17°15	15°59	9° 2	S 27
M28	16 56 46	14°51'09	19° 8	4°30	29° 6	16°57	24°54	2°57	28°41	20°14	28°54	15°53	17°11	16° 6	8°59	M28
T 29	17 0 42	15°48'25	2♑25	4°12	0♉ 5	17°35	25° 8	2°53	28°44	20°14	28°52	15°45	17° 8	16°12	8°56	T 29
W30	17 4 39	16°45'41	15°22	3°58	1° 3	18°12	25°21	2°49	28°46	20°13	28°51	15°39	17° 5	16°19	8°52	W30
T 31	17 8 36	17♊42'57	28♑ 0	3♊48	2♉ 2	18♋50	25♊35	2♐45	28♈49	20♒13	28♐49	15♌35	17♌ 2	16♓26	8♑49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n30	19s18	4n 4	24n 6	2n 9	2n 7	0s24	24n45	1n15	22n49	0s13	19s12	2n 0	10n 4	0s31	15s 8	0s22	18s40	4n50	15n22	15n17	8s38	16s10	6n58
W 2	17 46	20 0	3 18	24 4	2 2	2 16	0 32	24 45	1 15	22 51	0 13	19 11	2 0	10 5	0 31	15 8	0 22	18 40	4 50	15 24	15 18	8 36	16 9	6 59
T 3	18 2	19 38	2 23	24 0	1 53	2 26	0 39	24 45	1 15	22 52	0 13	19 11	2 0	10 6	0 31	15 7	0 22	18 40	4 50	15 25	15 19	8 34	16 9	6 59
F 4	18 17	18 20	1 22	23 54	1 44	2 36	0 46	24 44	1 15	22 53	0 13	19 10	2 0	10 8	0 31	15 7	0 22	18 40	4 50	15 26	15 20	8 32	16 8	7 0
S 5	18 31	16 13	0 19	23 46	1 33	2 47	0 53	24 43	1 15	22 54	0 13	19 9	2 0	10 9	0 31	15 7	0 22	18 40	4 50	15 26	15 21	8 31	16 8	7 0
S 6	18 46	13 25	0s44	23 37	1 22	2 59	1 0	24 43	1 15	22 55	0 12	19 8	2 0	10 10	0 31	15 7	0 22	18 40	4 50	15 26	15 22	8 29	16 8	7 1
M 7	19 0	10 6	1 45	23 27	1 9	3 11	1 6	24 42	1 15	22 56	0 12	19 8	2 0	10 11	0 31	15 7	0 23	18 40	4 50	15 26	15 23	8 27	16 7	7 1
T 8	19 14	6 24	2 41	23 14	0 56	3 24	1 12	24 41	1 15	22 57	0 12	19 7	2 0	10 12	0 31	15 7	0 23	18 40	4 50	15 27	15 24	8 25	16 7	7 2
W 9	19 28	2 25	3 30	23 1	0 42	3 37	1 18	24 39	1 15	22 58	0 12	19 6	2 0	10 13	0 31	15 7	0 23	18 40	4 50	15 28	15 25	8 23	16 7	7 2
T 10	19 41	1n42	4 11	22 45	0 27	3 50	1 24	24 38	1 15	22 59	0 12	19 5	2 0	10 14	0 31	15 7	0 23	18 40	4 50	15 30	15 26	8 21	16 6	7 3
F 11	19 54	5 48	4 41	22 29	0 11	4 4	1 30	24 36	1 15	23 0	0 12	19 4	2 0	10 15	0 31	15 7	0 23	18 40	4 50	15 33	15 27	8 19	16 6	7 3
S 12	20 6	9 46	4 58	22 11	0s 5	4 19	1 35	24 34	1 15	23 1	0 12	19 4	2 0	10 17	0 31	15 7	0 23	18 40	4 50	15 37	15 28	8 18	16 6	7 4
S 13	20 18	13 22	5 0	21 53	0 21	4 33	1 40	24 32	1 15	23 2	0 12	19 3	2 0	10 18	0 31	15 7	0 23	18 40	4 50	15 40	15 29	8 16	16 5	7 4
M14	20 30	16 24	4 48	21 33	0 38	4 48	1 45	24 30	1 15	23 3	0 12	19 2	2 0	10 19	0 31	15 7	0 23	18 40	4 49	15 44	15 30	8 14	16 5	7 5
T 15	20 42	18 38	4 19	21 13	0 56	5 4	1 49	24 27	1 15	23 4	0 11	19 1	2 0	10 20	0 31	15 7	0 23	18 40	4 49	15 47	15 31	8 12	16 5	7 5
W16	20 53	19 54	3 36	20 52	1 13	5 20	1 54	24 25	1 15	23 5	0 11	19 1	2 0	10 21	0 31	15 7	0 23	18 40	4 49	15 50	15 32	8 10	16 5	7 6
T 17	21 4	20 1	2 40	20 31	1 31	5 36	1 58	24 22	1 15	23 6	0 11	19 0	2 0	10 22	0 31	15 7	0 23	18 40	4 49	15 52	15 33	8 8	16 4	7 6
F 18	21 14	18 56	1 34	20 9	1 48	5 52	2 2	24 19	1 15	23 7	0 11	18 59	2 0	10 23	0 31	15 7	0 23	18 40	4 49	15 53	15 34	8 6	16 4	7 6
S 19	21 24	16 43	0 21	19 48	2 5	6 9	2 6	24 16	1 15	23 8	0 11	18 58	2 0	10 24	0 31	15 7	0 23	18 41	4 49	15 53	15 35	8 5	16 4	7 7
S 20	21 34	13 29	0n53	19 27	2 21	6 26	2 9	24 12	1 15	23 8	0 11	18 58	1 59	10 25	0 31	15 7	0 23	18 41	4 49	15 53	15 36	8 3	16 4	7 7
M21	21 43	9 28	2 5	19 6	2 37	6 43	2 13	24 9	1 15	23 9	0 11	18 57	1 59	10 26	0 31	15 7	0 23	18 41	4 49	15 53	15 37	8 1	16 4	7 8
T 22	21 52	4 54	3 9	18 46	2 51	7 0	2 16	24 5	1 15	23 10	0 11	18 56	1 59	10 27	0 31	15 8	0 23	18 41	4 49	15 53	15 38	7 59	16 3	7 8
W23	22 1	0 3	4 2	18 27	3 5	7 18	2 19	24 1	1 15	23 11	0 11	18 55	1 59	10 28	0 31	15 8	0 23	18 41	4 49	15 54	15 39	7 57	16 3	7 8
T 24	22 9	4s47	4 40	18 9	3 18	7 36	2 22	23 57	1 15	23 11	0 10	18 55	1 59	10 29	0 31	15 8	0 23	18 41	4 49	15 56	15 39	7 55	16 3	7 9
F 25	22 17	9 21	5 0	17 52	3 30	7 54	2 25	23 53	1 15	23 12	0 10	18 54	1 59	10 30	0 31	15 8	0 23	18 41	4 49	15 58	15 40	7 53	16 3	7 9
S 26	22 25	13 22	5 2	17 37	3 41	8 12	2 27	23 49	1 15	23 13	0 10	18 53	1 59	10 31	0 32	15 8	0 23	18 41	4 49	16 1	15 41	7 51	16 3	7 9
S 27	22 32	16 35	4 46	17 24	3 50	8 30	2 30	23 44	1 15	23 13	0 10	18 52	1 59	10 32	0 32	15 8	0 23	18 41	4 49	16 4	15 42	7 50	16 3	7 10
M28	22 38	18 49	4 15	17 12	3 58	8 49	2 32	23 40	1 15	23 14	0 10	18 52	1 59	10 33	0 32	15 8	0 23	18 41	4 49	16 7	15 43	7 48	16 3	7 10
T 29	22 45	19 59	3 29	17 2	4 4	9 7	2 34	23 35	1 15	23 15	0 10	18 51	1 59	10 34	0 32	15 9	0 23	18 41	4 49	16 9	15 44	7 46	16 2	7 10
W30	22 50	20 3	2 34	16 54	4 10	9 26	2 36	23 30	1 15	23 15	0 10	18 50	1 59	10 34	0 32	15 9	0 23	18 41	4 49	16 11	15 45	7 44	16 2	7 11
T 31	22n56	19s 6	1n33	16n49	4s14	9n45	2s38	23n24	1n15	23n16	0s10	18s50	1n58	10n35	0s32	15s 9	0s23	18s41	4n49	16n12	15n46	7s42	16s 2	7n11

Julian Day Number = 2274531.5, Delta T = 257.72 sec
Ecliptic obliquity = 23°30'01, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°58'40, Lahiri = 17°05'40 Julian Calendar 1 May 1515 == Greg. Calendar 11 May 1515

ASTRODIENST EPHEMERIS for the year 1515
geocentric

JUNE 1515 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 12 32	18♊40'12	10♒19	3°R42	3♉ 2	19♋27	25♊49	2°R40	28♈51	20°R12	28°R48	15°D34	16♌59	16♓32	8°R46	F 1
S 2	17 16 29	19°37'26	22°25	3°D41	4° 2	20° 5	26° 2	2♐36	28°54	20♒12	28♐46	15♌34	16°56	16°39	8♑42	S 2
S 3	17 20 25	20°34'41	4♓20	3♊44	5° 2	20°43	26°16	2°32	28°56	20°11	28°45	15°34	16°52	16°46	8°39	S 3
M 4	17 24 22	21°31'55	16°11	3°52	6° 2	21°20	26°30	2°28	28°59	20°11	28°43	15°R35	16°49	16°52	8°35	M 4
T 5	17 28 18	22°29'09	28° 1	4° 4	7° 3	21°58	26°43	2°24	29° 1	20°10	28°42	15°35	16°46	16°59	8°31	T 5
W 6	17 32 15	23°26'22	9♈57	4°21	8° 4	22°36	26°57	2°20	29° 4	20° 9	28°40	15°34	16°43	17° 6	8°28	W 6
T 7	17 36 11	24°23'36	22° 3	4°43	9° 5	23°13	27°11	2°16	29° 6	20° 9	28°39	15°30	16°40	17°12	8°24	T 7
F 8	17 40 8	25°20'50	4♉23	5°10	10° 7	23°51	27°24	2°12	29° 8	20° 8	28°37	15°25	16°37	17°19	8°20	F 8
S 9	17 44 5	26°18'03	17° 0	5°41	11° 9	24°28	27°38	2° 8	29°10	20° 7	28°36	15°18	16°33	17°26	8°17	S 9
S 10	17 48 1	27°15'16	29°58	6°16	12°11	25° 6	27°52	2° 4	29°12	20° 6	28°34	15°10	16°30	17°32	8°13	S 10
M11	17 51 58	28°12'30	13♊15	6°57	13°14	25°44	28° 5	2° 1	29°15	20° 5	28°33	15° 2	16°27	17°39	8° 9	M11
T 12	17 55 54	29° 9'43	26°50	7°41	14°16	26°21	28°19	1°57	29°17	20° 5	28°31	14°55	16°24	17°46	8° 6	T 12
W13	17 59 51	0♋ 6'56	10♋42	8°30	15°19	26°59	28°33	1°53	29°19	20° 4	28°30	14°49	16°21	17°52	8° 2	W13
T 14	18 3 47	1° 4'09	24°46	9°23	16°22	27°37	28°46	1°50	29°21	20° 3	28°28	14°45	16°17	17°59	7°58	T 14
F 15	18 7 44	2° 1'21	8♌58	10°21	17°26	28°14	29° 0	1°46	29°23	20° 2	28°27	14°D44	16°14	18° 6	7°54	F 15
S 16	18 11 40	2°58'34	23°14	11°23	18°29	28°52	29°14	1°43	29°25	20° 1	28°25	14°44	16°11	18°12	7°51	S 16
S 17	18 15 37	3°55'46	7♍31	12°28	19°33	29°30	29°27	1°39	29°27	20° 0	28°24	14°45	16° 8	18°19	7°47	S 17
M18	18 19 34	4°52'57	21°47	13°38	20°37	0♌ 8	29°41	1°36	29°29	19°59	28°22	14°46	16° 5	18°26	7°43	M18
T 19	18 23 30	5°50'08	5♎58	14°53	21°42	0°45	29°54	1°33	29°30	19°58	28°21	14°R47	16° 2	18°32	7°39	T 19
W20	18 27 27	6°47'19	20° 3	16°11	22°46	1°23	0♋ 8	1°29	29°32	19°57	28°19	14°46	15°58	18°39	7°35	W20
T 21	18 31 23	7°44'30	4♏ 1	17°32	23°51	2° 1	0°22	1°26	29°34	19°56	28°17	14°44	15°55	18°46	7°32	T 21
F 22	18 35 20	8°41'41	17°51	18°58	24°55	2°38	0°35	1°23	29°36	19°55	28°16	14°40	15°52	18°52	7°28	F 22
S 23	18 39 16	9°38'51	1♐29	20°28	26° 1	3°16	0°49	1°20	29°37	19°53	28°14	14°35	15°49	18°59	7°24	S 23
S 24	18 43 13	10°36'02	14°55	22° 1	27° 6	3°54	1° 2	1°17	29°39	19°52	28°13	14°30	15°46	19° 6	7°20	S 24
M25	18 47 9	11°33'13	28° 6	23°38	28°11	4°31	1°16	1°14	29°41	19°51	28°12	14°25	15°43	19°12	7°16	M25
T 26	18 51 6	12°30'23	11♑ 3	25°19	29°17	5° 9	1°29	1°12	29°42	19°50	28°10	14°20	15°39	19°19	7°13	T 26
W27	18 55 3	13°27'35	23°44	27° 3	0♊22	5°47	1°43	1° 9	29°44	19°49	28° 9	14°17	15°36	19°26	7° 9	W27
T 28	18 58 59	14°24'46	6♒10	28°50	1°28	6°25	1°56	1° 6	29°45	19°47	28° 7	14°16	15°33	19°32	7° 5	T 28
F 29	19 2 56	15°21'58	18°23	0♋41	2°34	7° 2	2°10	1° 4	29°46	19°46	28° 6	14°D15	15°30	19°39	7° 1	F 29
S 30	19 6 52	16♋19'10	0♓25	2♋34	3♊41	7♌40	2♋23	1♐ 1	29♈48	19♒45	28♐ 4	14♌16	15♌27	19♓46	6♑58	S 30

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
F 1	23n 1	17s15	0n28	16n45	4s16	10n 3	2s39	23n19	1n15	23n16	0s10	18s49	1n58	10n36	0s32	15s 9	0s23	18s41	4n49	16n13	15n47	7s40	16s 2	7n11
S 2	23 6	14 39	0s37	16 43	4 18	10 22	2 41	23 13	1 14	23 17	0 10	18 48	1 58	10 37	0 32	15 9	0 23	18 41	4 48	16 13	15 48	7 38	16 2	7 12
S 3	23 10	11 29	1 39	16 44	4 18	10 41	2 42	23 8	1 14	23 17	0 9	18 47	1 58	10 38	0 32	15 9	0 23	18 41	4 48	16 12	15 49	7 36	16 2	7 12
M 4	23 14	7 53	2 37	16 46	4 17	11 0	2 43	23 2	1 14	23 18	0 9	18 47	1 58	10 39	0 32	15 10	0 23	18 41	4 48	16 12	15 50	7 34	16 2	7 12
T 5	23 17	3 58	3 28	16 50	4 15	11 19	2 44	22 56	1 14	23 18	0 9	18 46	1 58	10 40	0 32	15 10	0 23	18 41	4 48	16 12	15 51	7 33	16 2	7 12
W 6	23 20	0n 7	4 11	16 57	4 12	11 38	2 45	22 49	1 14	23 19	0 9	18 45	1 58	10 40	0 32	15 10	0 23	18 41	4 48	16 13	15 52	7 31	16 2	7 13
T 7	23 23	4 14	4 42	17 5	4 7	11 57	2 46	22 43	1 14	23 19	0 9	18 45	1 58	10 41	0 32	15 10	0 23	18 42	4 48	16 14	15 53	7 29	16 2	7 13
F 8	23 25	8 16	5 2	17 14	4 2	12 15	2 46	22 36	1 14	23 20	0 9	18 44	1 57	10 42	0 32	15 11	0 23	18 42	4 48	16 15	15 54	7 27	16 2	7 13
S 9	23 27	12 2	5 7	17 26	3 56	12 34	2 47	22 30	1 14	23 20	0 9	18 44	1 57	10 43	0 32	15 11	0 23	18 42	4 48	16 17	15 55	7 25	16 2	7 13
S 10	23 28	15 21	4 57	17 39	3 49	12 53	2 47	22 23	1 14	23 20	0 9	18 43	1 57	10 44	0 32	15 11	0 23	18 42	4 48	16 20	15 56	7 23	16 2	7 13
M11	23 29	17 57	4 31	17 53	3 42	13 11	2 47	22 16	1 14	23 21	0 9	18 42	1 57	10 44	0 32	15 12	0 23	18 42	4 48	16 22	15 57	7 21	16 2	7 14
T 12	23 30	19 38	3 50	18 8	3 33	13 30	2 47	22 8	1 14	23 21	0 9	18 42	1 57	10 45	0 32	15 12	0 23	18 42	4 48	16 24	15 58	7 19	16 2	7 14
W13	23 30	20 11	2 54	18 25	3 24	13 48	2 47	22 1	1 14	23 21	0 8	18 41	1 57	10 46	0 32	15 12	0 23	18 42	4 47	16 26	15 59	7 17	16 2	7 14
T 14	23 30	19 29	1 46	18 43	3 15	14 7	2 47	21 54	1 14	23 21	0 8	18 41	1 56	10 46	0 32	15 12	0 23	18 42	4 47	16 27	16 0	7 15	16 2	7 14
F 15	23 29	17 34	0 31	19 1	3 4	14 25	2 47	21 46	1 13	23 22	0 8	18 40	1 56	10 47	0 32	15 13	0 23	18 42	4 47	16 27	16 1	7 13	16 2	7 14
S 16	23 28	14 32	0n46	19 20	2 54	14 43	2 46	21 38	1 13	23 22	0 8	18 40	1 56	10 48	0 32	15 13	0 23	18 42	4 47	16 27	16 2	7 11	16 3	7 14
S 17	23 27	10 38	2 1	19 40	2 42	15 0	2 46	21 30	1 13	23 22	0 8	18 39	1 56	10 49	0 32	15 13	0 23	18 42	4 47	16 27	16 2	7 9	16 3	7 14
M18	23 25	6 8	3 8	20 0	2 31	15 18	2 45	21 22	1 13	23 22	0 8	18 39	1 56	10 49	0 32	15 14	0 23	18 43	4 47	16 27	16 3	7 8	16 3	7 14
T 19	23 22	1 20	4 3	20 20	2 19	15 35	2 44	21 14	1 13	23 22	0 8	18 38	1 56	10 50	0 32	15 14	0 24	18 43	4 47	16 26	16 4	7 6	16 3	7 14
W20	23 20	3s30	4 43	20 41	2 7	15 53	2 43	21 5	1 13	23 22	0 8	18 38	1 55	10 50	0 32	15 14	0 24	18 43	4 47	16 27	16 5	7 4	16 3	7 15
T 21	23 16	8 6	5 6	21 1	1 54	16 10	2 42	20 57	1 13	23 22	0 8	18 37	1 55	10 51	0 32	15 15	0 24	18 43	4 47	16 27	16 6	7 2	16 3	7 15
F 22	23 13	12 13	5 11	21 21	1 42	16 26	2 41	20 48	1 13	23 22	0 8	18 37	1 55	10 52	0 32	15 15	0 24	18 43	4 46	16 29	16 7	7 0	16 3	7 15
S 23	23 9	15 39	4 58	21 41	1 29	16 43	2 40	20 39	1 13	23 22	0 7	18 36	1 55	10 52	0 32	15 16	0 24	18 43	4 46	16 30	16 8	6 58	16 4	7 15
S 24	23 5	18 12	4 29	22 0	1 16	16 59	2 39	20 30	1 13	23 22	0 7	18 36	1 55	10 53	0 32	15 16	0 24	18 43	4 46	16 32	16 9	6 56	16 4	7 15
M25	23 0	19 43	3 46	22 18	1 3	17 15	2 37	20 21	1 12	23 22	0 7	18 36	1 54	10 53	0 32	15 16	0 24	18 43	4 46	16 33	16 10	6 54	16 4	7 15
T 26	22 55	20 11	2 52	22 35	0 50	17 31	2 36	20 12	1 12	23 22	0 7	18 35	1 54	10 54	0 32	15 17	0 24	18 43	4 46	16 34	16 11	6 52	16 4	7 15
W27	22 49	19 36	1 50	22 50	0 38	17 46	2 34	20 2	1 12	23 22	0 7	18 35	1 54	10 54	0 32	15 17	0 24	18 44	4 46	16 35	16 12	6 50	16 4	7 15
T 28	22 43	18 4	0 44	23 5	0 25	18 1	2 33	19 53	1 12	23 22	0 7	18 34	1 54	10 55	0 32	15 18	0 24	18 44	4 46	16 36	16 13	6 48	16 5	7 15
F 29	22 37	15 43	0s23	23 17	0 13	18 16	2 31	19 43	1 12	23 22	0 7	18 34	1 54	10 55	0 32	15 18	0 24	18 44	4 45	16 36	16 14	6 46	16 5	7 15
S 30	22n30	12s43	1s28	23n28	0s 1	18n30	2s29	19n33	1n12	23n22	0s 7	18s34	1n53	10n56	0s32	15s18	0s24	18s44	4n45	16n35	16n15	6s44	16s 5	7n15

Julian Day Number = 2274562.5, Delta T = 257.53 sec
Ecliptic obliquity = 23°30'01, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°58'44, Lahiri = 17°05'44 Julian Calendar 1 June 1515 == Greg. Calendar 11 June 1515

ASTRODIENST EPHEMERIS for the year 1515
geocentric

JULY 1515 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 10 49	17♋16'23	12♓19	4♋30	4♊47	8♌18	2♋37	0°R59	29♈49	19°R44	28°R 3	14♌18	15♌23	19♓52	6°R54	S 1
M 2	19 14 45	18°13'37	24° 9	6°29	5°54	8°55	2°50	0♐57	29°50	19♒42	28♐ 1	14°20	15°20	19°59	6♑50	M 2
T 3	19 18 42	19°10'51	6♈ 0	8°29	7° 0	9°33	3° 3	0°54	29°52	19°41	28° 0	14°21	15°17	20° 6	6°46	T 3
W 4	19 22 38	20° 8'06	17°56	10°32	8° 7	10°11	3°17	0°52	29°53	19°40	27°59	14°R22	15°14	20°12	6°43	W 4
T 5	19 26 35	21° 5'22	0♉ 2	12°36	9°14	10°49	3°30	0°50	29°54	19°38	27°57	14°21	15°11	20°19	6°39	T 5
F 6	19 30 32	22° 2'38	12°22	14°41	10°21	11°27	3°43	0°48	29°55	19°37	27°56	14°20	15° 8	20°26	6°36	F 6
S 7	19 34 28	22°59'56	25° 2	16°47	11°29	12° 4	3°57	0°46	29°56	19°35	27°54	14°18	15° 4	20°32	6°32	S 7
S 8	19 38 25	23°57'14	8♊ 3	18°54	12°36	12°42	4°10	0°44	29°57	19°34	27°53	14°15	15° 1	20°39	6°29	S 8
M 9	19 42 21	24°54'33	21°27	21° 2	13°44	13°20	4°23	0°43	29°58	19°33	27°52	14°12	14°58	20°46	6°25	M 9
T 10	19 46 18	25°51'53	5♋15	23° 9	14°51	13°58	4°36	0°41	29°59	19°31	27°50	14°10	14°55	20°52	6°22	T 10
W11	19 50 14	26°49'14	19°24	25°16	15°59	14°36	4°49	0°40	29°59	19°30	27°49	14° 8	14°52	20°59	6°18	W11
T 12	19 54 11	27°46'36	3♌49	27°22	17° 7	15°13	5° 2	0°38	0♉ 0	19°28	27°48	14° 7	14°49	21° 6	6°15	T 12
F 13	19 58 8	28°43'58	18°26	29°28	18°15	15°51	5°15	0°37	0° 1	19°27	27°47	14°D 7	14°45	21°12	6°11	F 13
S 14	20 2 4	29°41'22	3♍ 8	1♌33	19°23	16°29	5°28	0°35	0° 2	19°25	27°45	14° 7	14°42	21°19	6° 8	S 14
S 15	20 6 1	0♌38'45	17°49	3°37	20°32	17° 7	5°41	0°34	0° 2	19°24	27°44	14° 8	14°39	21°26	6° 5	S 15
M16	20 9 57	1°36'09	2♎22	5°39	21°40	17°45	5°54	0°33	0° 3	19°22	27°43	14° 9	14°36	21°32	6° 1	M16
T 17	20 13 54	2°33'34	16°45	7°41	22°49	18°23	6° 7	0°32	0° 4	19°20	27°42	14°10	14°33	21°39	5°58	T 17
W18	20 17 50	3°31'00	0♏52	9°41	23°57	19° 1	6°20	0°31	0° 4	19°19	27°41	14°R10	14°29	21°46	5°55	W18
T 19	20 21 47	4°28'26	14°44	11°40	25° 6	19°39	6°33	0°31	0° 4	19°17	27°39	14°10	14°26	21°52	5°52	T 19
F 20	20 25 43	5°25'53	28°20	13°37	26°15	20°17	6°46	0°30	0° 5	19°16	27°38	14°10	14°23	21°59	5°49	F 20
S 21	20 29 40	6°23'21	11♐39	15°32	27°24	20°55	6°58	0°29	0° 5	19°14	27°37	14° 9	14°20	22° 6	5°46	S 21
S 22	20 33 36	7°20'49	24°43	17°27	28°33	21°33	7°11	0°29	0° 5	19°13	27°36	14° 8	14°17	22°12	5°43	S 22
M23	20 37 33	8°18'19	7♑32	19°19	29°42	22°10	7°24	0°28	0° 6	19°11	27°35	14° 7	14°14	22°19	5°40	M23
T 24	20 41 30	9°15'49	20° 8	21°10	0♋52	22°48	7°36	0°28	0° 6	19° 9	27°34	14° 7	14°10	22°26	5°37	T 24
W25	20 45 26	10°13'20	2♒32	23° 0	2° 1	23°26	7°49	0°28	0° 6	19° 8	27°33	14° 6	14° 7	22°32	5°34	W25
T 26	20 49 23	11°10'53	14°45	24°48	3°11	24° 4	8° 1	0°28	0° 6	19° 6	27°32	14°D 6	14° 4	22°39	5°32	T 26
F 27	20 53 19	12° 8'26	26°48	26°35	4°20	24°42	8°13	0°D28	0°R 6	19° 5	27°31	14° 6	14° 1	22°46	5°29	F 27
S 28	20 57 16	13° 6'01	8♓45	28°20	5°30	25°20	8°26	0°28	0° 6	19° 3	27°30	14° 7	13°58	22°52	5°26	S 28
S 29	21 1 12	14° 3'37	20°36	0♍ 3	6°40	25°58	8°38	0°28	0° 6	19° 1	27°29	14°R 7	13°54	22°59	5°24	S 29
M30	21 5 9	15° 1'15	2♈26	1°45	7°50	26°37	8°50	0°28	0° 6	19° 0	27°28	14° 7	13°51	23° 6	5°21	M30
T 31	21 9 5	15♌58'54	14♈16	3♍26	9♋ 0	27♌15	9♋ 2	0♐29	0♉ 6	18♒58	27♐27	14♌ 6	13♌48	23♓12	5♑19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n23	9s14	2s28	23n36	0n11	18n44	2s27	19n23	1n12	23n22	0s 7	18s34	1n53	10n56	0s32	15s19	0s24	18s44	4n45	16n35	16n16	6s42	16s 5	7n14
M 2	22 15	5 25	3 22	23 42	0 22	18 58	2 25	19 13	1 11	23 22	0 7	18 33	1 53	10 57	0 32	15 19	0 24	18 44	4 45	16 34	16 17	6 40	16 6	7 14
T 3	22 7	1 24	4 7	23 46	0 33	19 11	2 23	19 3	1 11	23 21	0 7	18 33	1 53	10 57	0 32	15 20	0 24	18 44	4 45	16 34	16 18	6 38	16 6	7 14
W 4	21 59	2n42	4 42	23 47	0 43	19 24	2 21	18 53	1 11	23 21	0 6	18 33	1 53	10 57	0 32	15 20	0 24	18 44	4 45	16 34	16 19	6 36	16 6	7 14
T 5	21 50	6 45	5 5	23 46	0 52	19 36	2 19	18 42	1 11	23 21	0 6	18 33	1 52	10 58	0 32	15 21	0 24	18 45	4 44	16 34	16 19	6 34	16 6	7 14
F 6	21 41	10 35	5 15	23 42	1 1	19 48	2 16	18 32	1 11	23 21	0 6	18 32	1 52	10 58	0 32	15 21	0 24	18 45	4 44	16 34	16 20	6 32	16 7	7 14
S 7	21 32	14 4	5 10	23 35	1 9	20 0	2 14	18 21	1 11	23 20	0 6	18 32	1 52	10 58	0 32	15 21	0 24	18 45	4 44	16 35	16 21	6 30	16 7	7 14
S 8	21 22	16 57	4 49	23 25	1 16	20 11	2 12	18 10	1 11	23 20	0 6	18 32	1 52	10 59	0 32	15 22	0 24	18 45	4 44	16 36	16 22	6 28	16 7	7 14
M 9	21 12	19 3	4 11	23 13	1 23	20 22	2 9	17 59	1 10	23 20	0 6	18 32	1 52	10 59	0 32	15 22	0 24	18 45	4 44	16 37	16 23	6 26	16 8	7 14
T 10	21 2	20 5	3 19	22 58	1 28	20 33	2 7	17 48	1 10	23 19	0 6	18 32	1 51	10 59	0 32	15 23	0 24	18 45	4 44	16 37	16 24	6 24	16 8	7 13
W11	20 51	19 55	2 12	22 40	1 33	20 42	2 4	17 37	1 10	23 19	0 6	18 32	1 51	11 0	0 32	15 23	0 24	18 46	4 43	16 38	16 25	6 22	16 8	7 13
T 12	20 40	18 26	0 57	22 20	1 37	20 52	2 1	17 26	1 10	23 19	0 6	18 32	1 51	11 0	0 32	15 24	0 24	18 46	4 43	16 38	16 26	6 20	16 9	7 13
F 13	20 28	15 43	0n24	21 57	1 41	21 1	1 59	17 14	1 10	23 18	0 6	18 32	1 51	11 0	0 32	15 24	0 24	18 46	4 43	16 38	16 27	6 18	16 9	7 13
S 14	20 16	11 59	1 43	21 33	1 43	21 9	1 56	17 3	1 10	23 18	0 6	18 32	1 50	11 0	0 32	15 25	0 24	18 46	4 43	16 38	16 28	6 16	16 9	7 13
S 15	20 4	7 32	2 56	21 6	1 45	21 17	1 53	16 51	1 9	23 17	0 5	18 31	1 50	11 1	0 32	15 25	0 24	18 46	4 43	16 38	16 29	6 15	16 10	7 12
M16	19 51	2 40	3 57	20 38	1 47	21 24	1 50	16 39	1 9	23 17	0 5	18 31	1 50	11 1	0 32	15 26	0 24	18 46	4 43	16 37	16 30	6 13	16 10	7 12
T 17	19 38	2s16	4 41	20 7	1 47	21 31	1 47	16 27	1 9	23 16	0 5	18 32	1 50	11 1	0 32	15 26	0 24	18 47	4 42	16 37	16 31	6 11	16 10	7 12
W18	19 25	6 59	5 9	19 35	1 47	21 38	1 44	16 15	1 9	23 16	0 5	18 32	1 50	11 1	0 32	15 27	0 24	18 47	4 42	16 37	16 32	6 9	16 11	7 12
T 19	19 11	11 15	5 17	19 2	1 46	21 43	1 41	16 3	1 9	23 15	0 5	18 32	1 49	11 1	0 32	15 27	0 24	18 47	4 42	16 37	16 33	6 7	16 11	7 11
F 20	18 58	14 50	5 7	18 27	1 45	21 49	1 38	15 51	1 9	23 15	0 5	18 32	1 49	11 1	0 32	15 28	0 24	18 47	4 42	16 37	16 33	6 5	16 12	7 11
S 21	18 43	17 36	4 41	17 51	1 43	21 53	1 35	15 39	1 8	23 14	0 5	18 32	1 49	11 1	0 33	15 28	0 24	18 47	4 42	16 38	16 34	6 3	16 12	7 11
S 22	18 29	19 23	4 1	17 14	1 40	21 58	1 32	15 26	1 8	23 14	0 5	18 32	1 49	11 2	0 33	15 29	0 24	18 47	4 41	16 38	16 35	6 1	16 12	7 11
M23	18 14	20 8	3 9	16 36	1 37	22 1	1 29	15 14	1 8	23 13	0 5	18 32	1 48	11 2	0 33	15 29	0 24	18 48	4 41	16 38	16 36	5 58	16 13	7 10
T 24	17 59	19 51	2 9	15 57	1 33	22 4	1 26	15 1	1 8	23 12	0 5	18 32	1 48	11 2	0 33	15 30	0 24	18 48	4 41	16 38	16 37	5 56	16 13	7 10
W25	17 44	18 37	1 4	15 17	1 29	22 7	1 22	14 48	1 8	23 12	0 4	18 32	1 48	11 2	0 33	15 30	0 24	18 48	4 41	16 38	16 38	5 54	16 14	7 10
T 26	17 28	16 31	0s 4	14 37	1 25	22 8	1 19	14 35	1 7	23 11	0 4	18 33	1 48	11 2	0 33	15 31	0 24	18 48	4 41	16 38	16 39	5 52	16 14	7 9
F 27	17 12	13 42	1 10	13 56	1 20	22 10	1 16	14 23	1 7	23 10	0 4	18 33	1 48	11 2	0 33	15 31	0 24	18 48	4 40	16 38	16 40	5 50	16 14	7 9
S 28	16 56	10 22	2 13	13 15	1 15	22 10	1 13	14 10	1 7	23 10	0 4	18 33	1 47	11 2	0 33	15 32	0 24	18 49	4 40	16 38	16 41	5 48	16 15	7 9
S 29	16 39	6 38	3 9	12 34	1 9	22 11	1 10	13 56	1 7	23 9	0 4	18 33	1 47	11 2	0 33	15 32	0 24	18 49	4 40	16 38	16 42	5 46	16 15	7 8
M30	16 22	2 40	3 57	11 52	1 3	22 10	1 6	13 43	1 7	23 8	0 4	18 34	1 47	11 2	0 33	15 33	0 24	18 49	4 40	16 38	16 43	5 44	16 16	7 8
T 31	16n 5	1n24	4s36	11n 9	0n57	22n 9	1s 3	13n30	1n 6	23n 8	0s 4	18s34	1n47	11n 1	0s33	15s34	0s24	18s49	4n39	16n38	16n44	5s42	16s16	7n 8

Julian Day Number = 2274592.5, Delta T = 257.34 sec
Ecliptic obliquity = 23°30'01, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°58'48, Lahiri = 17°05'48 Julian Calendar 1 July 1515 == Greg. Calendar 11 July 1515

ASTRODIENST EPHEMERIS for the year 1515
geocentric

AUGUST 1515 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 13 2	16♌56'34	26♈12	5♍ 5	10♋10	27♌53	9♋14	0♐29	0°R 6	18°R56	27°R26	14°R 6	13♌45	23♓19	5°R16	W 1
T 2	21 16 59	17°54'17	8♉17	6°43	11°20	28°31	9°26	0°30	0♉ 5	18♒55	27♐26	14♌ 6	13°42	23°26	5♑14	T 2
F 3	21 20 55	18°52'00	20°35	8°19	12°31	29° 9	9°38	0°30	0° 5	18°53	27°25	14°D 6	13°39	23°32	5°12	F 3
S 4	21 24 52	19°49'46	3♊12	9°53	13°41	29°47	9°50	0°31	0° 5	18°51	27°24	14° 6	13°35	23°39	5°10	S 4
S 5	21 28 48	20°47'33	16°10	11°27	14°52	0♍25	10° 2	0°32	0° 4	18°50	27°23	14° 6	13°32	23°46	5° 8	S 5
M 6	21 32 45	21°45'22	29°32	12°59	16° 2	1° 3	10°14	0°33	0° 4	18°48	27°22	14° 7	13°29	23°52	5° 6	M 6
T 7	21 36 41	22°43'13	13♋21	14°29	17°13	1°42	10°26	0°34	0° 4	18°47	27°22	14° 8	13°26	23°59	5° 4	T 7
W 8	21 40 38	23°41'05	27°35	15°58	18°24	2°20	10°37	0°35	0° 3	18°45	27°21	14° 8	13°23	24° 6	5° 2	W 8
T 9	21 44 34	24°38'59	12♌12	17°26	19°35	2°58	10°49	0°36	0° 2	18°43	27°20	14°R 9	13°20	24°13	5° 0	T 9
F 10	21 48 31	25°36'55	27° 6	18°52	20°46	3°36	11° 0	0°38	0° 2	18°42	27°20	14° 9	13°16	24°19	4°58	F 10
S 11	21 52 28	26°34'52	12♍ 9	20°16	21°57	4°14	11°12	0°39	0° 1	18°40	27°19	14° 8	13°13	24°26	4°56	S 11
S 12	21 56 24	27°32'50	27°13	21°40	23° 8	4°53	11°23	0°41	0° 0	18°38	27°19	14° 6	13°10	24°33	4°55	S 12
M13	22 0 21	28°30'50	12♎ 8	23° 1	24°19	5°31	11°34	0°42	29♈59	18°37	27°18	14° 5	13° 7	24°39	4°53	M13
T 14	22 4 17	29°28'51	26°48	24°21	25°31	6° 9	11°45	0°44	29°59	18°35	27°17	14° 3	13° 4	24°46	4°52	T 14
W15	22 8 14	0♍26'54	11♏ 7	25°39	26°42	6°48	11°56	0°46	29°58	18°34	27°17	14° 2	13° 0	24°53	4°50	W15
T 16	22 12 10	1°24'58	25° 2	26°56	27°54	7°26	12° 7	0°48	29°57	18°32	27°17	14°D 1	12°57	24°59	4°49	T 16
F 17	22 16 7	2°23'03	8♐34	28°11	29° 5	8° 4	12°18	0°50	29°56	18°30	27°16	14° 1	12°54	25° 6	4°48	F 17
S 18	22 20 3	3°21'10	21°44	29°24	0♌17	8°43	12°29	0°52	29°55	18°29	27°16	14° 2	12°51	25°13	4°47	S 18
S 19	22 24 0	4°19'19	4♑34	0♎35	1°29	9°21	12°40	0°54	29°54	18°27	27°15	14° 3	12°48	25°19	4°46	S 19
M20	22 27 57	5°17'28	17° 8	1°45	2°41	9°59	12°50	0°56	29°53	18°26	27°15	14° 4	12°45	25°26	4°44	M20
T 21	22 31 53	6°15'40	29°27	2°52	3°52	10°38	13° 1	0°58	29°52	18°24	27°15	14° 6	12°41	25°33	4°44	T 21
W22	22 35 50	7°13'53	11♒37	3°57	5° 4	11°16	13°11	1° 1	29°51	18°23	27°14	14°R 6	12°38	25°39	4°43	W22
T 23	22 39 46	8°12'07	23°38	5° 0	6°16	11°55	13°22	1° 3	29°49	18°21	27°14	14° 6	12°35	25°46	4°42	T 23
F 24	22 43 43	9°10'24	5♓33	6° 0	7°29	12°33	13°32	1° 6	29°48	18°20	27°14	14° 5	12°32	25°53	4°41	F 24
S 25	22 47 39	10° 8'42	17°25	6°58	8°41	13°12	13°42	1° 9	29°47	18°18	27°14	14° 2	12°29	25°59	4°41	S 25
S 26	22 51 36	11° 7'02	29°15	7°53	9°53	13°50	13°52	1°12	29°45	18°17	27°14	13°58	12°26	26° 6	4°40	S 26
M27	22 55 32	12° 5'23	11♈ 5	8°45	11° 5	14°29	14° 2	1°14	29°44	18°15	27°13	13°53	12°22	26°13	4°40	M27
T 28	22 59 29	13° 3'47	22°58	9°34	12°18	15° 7	14°12	1°17	29°43	18°14	27°13	13°48	12°19	26°19	4°39	T 28
W29	23 3 26	14° 2'13	4♉56	10°19	13°30	15°46	14°21	1°20	29°41	18°12	27°13	13°43	12°16	26°26	4°39	W29
T 30	23 7 22	15° 0'41	17° 2	11° 1	14°43	16°24	14°31	1°24	29°40	18°11	27°13	13°39	12°13	26°33	4°39	T 30
F 31	23 11 19	15♍59'11	29♉20	11♎39	15♌56	17♍ 3	14♋41	1♐27	29♈38	18♒ 9	27°D13	13♌36	12♌10	26♓39	4♑39	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n48	5n27	5s 2	10n27	0n50	22n 7	1s 0	13n17	1n 6	23n 7	0s 4	18s34	1n46	11n 1	0s33	15s34	0s24	18s49	4n39	16n38	16n44	5s40	16s17	7n 7
T 2	15 30	9 19	5 16	9 45	0 43	22 5	0 56	13 3	1 6	23 6	0 4	18 35	1 46	11 1	0 33	15 35	0 24	18 50	4 39	16 38	16 45	5 38	16 17	7 7
F 3	15 12	12 52	5 15	9 2	0 36	22 2	0 53	12 50	1 6	23 5	0 4	18 35	1 46	11 1	0 33	15 35	0 24	18 50	4 39	16 38	16 46	5 36	16 18	7 7
S 4	14 54	15 56	5 0	8 20	0 29	21 58	0 50	12 36	1 6	23 5	0 4	18 35	1 46	11 1	0 33	15 36	0 24	18 50	4 39	16 38	16 47	5 34	16 18	7 6
S 5	14 36	18 19	4 29	7 37	0 21	21 54	0 46	12 22	1 5	23 4	0 3	18 36	1 45	11 1	0 33	15 36	0 24	18 50	4 38	16 38	16 48	5 32	16 19	7 6
M 6	14 17	19 47	3 43	6 55	0 14	21 49	0 43	12 8	1 5	23 3	0 3	18 36	1 45	11 1	0 33	15 37	0 24	18 50	4 38	16 38	16 49	5 30	16 19	7 5
T 7	13 59	20 8	2 43	6 12	0 6	21 44	0 40	11 55	1 5	23 2	0 3	18 37	1 45	11 1	0 33	15 37	0 24	18 51	4 38	16 38	16 50	5 28	16 20	7 5
W 8	13 40	19 13	1 31	5 30	0s 3	21 38	0 36	11 41	1 5	23 1	0 3	18 37	1 45	11 0	0 33	15 38	0 24	18 51	4 38	16 38	16 51	5 26	16 20	7 4
T 9	13 20	17 0	0 11	4 49	0 11	21 31	0 33	11 27	1 4	23 1	0 3	18 38	1 44	11 0	0 33	15 38	0 24	18 51	4 37	16 38	16 52	5 24	16 21	7 4
F 10	13 1	13 37	1n11	4 7	0 19	21 24	0 30	11 12	1 4	23 0	0 3	18 38	1 44	11 0	0 33	15 39	0 24	18 51	4 37	16 38	16 53	5 22	16 21	7 4
S 11	12 41	9 19	2 29	3 26	0 28	21 16	0 26	10 58	1 4	22 59	0 3	18 39	1 44	11 0	0 33	15 39	0 24	18 51	4 37	16 38	16 54	5 20	16 22	7 3
S 12	12 21	4 25	3 37	2 45	0 37	21 8	0 23	10 44	1 4	22 58	0 3	18 39	1 44	10 59	0 33	15 40	0 24	18 52	4 37	16 38	16 54	5 18	16 22	7 3
M13	12 1	0s41	4 29	2 5	0 45	20 59	0 20	10 30	1 3	22 57	0 3	18 40	1 44	10 59	0 33	15 40	0 24	18 52	4 37	16 39	16 55	5 16	16 23	7 2
T 14	11 41	5 39	5 2	1 25	0 54	20 49	0 16	10 15	1 3	22 56	0 3	18 40	1 43	10 59	0 33	15 41	0 24	18 52	4 36	16 39	16 56	5 14	16 23	7 2
W15	11 21	10 12	5 16	0 46	1 3	20 39	0 13	10 1	1 3	22 55	0 2	18 41	1 43	10 58	0 33	15 41	0 24	18 52	4 36	16 40	16 57	5 12	16 24	7 1
T 16	11 0	14 3	5 10	0 7	1 12	20 28	0 10	9 46	1 3	22 54	0 2	18 41	1 43	10 58	0 33	15 42	0 24	18 53	4 36	16 40	16 58	5 10	16 24	7 1
F 17	10 39	17 3	4 48	0s31	1 21	20 17	0 7	9 32	1 2	22 54	0 2	18 42	1 43	10 58	0 33	15 42	0 24	18 53	4 36	16 40	16 59	5 8	16 25	7 0
S 18	10 18	19 5	4 10	1 8	1 30	20 5	0 4	9 17	1 2	22 53	0 2	18 43	1 42	10 57	0 33	15 43	0 24	18 53	4 35	16 40	17 0	5 6	16 25	7 0
S 19	9 57	20 4	3 21	1 45	1 39	19 52	0 0	9 2	1 2	22 52	0 2	18 43	1 42	10 57	0 33	15 43	0 24	18 53	4 35	16 39	17 1	5 4	16 26	7 0
M20	9 36	20 2	2 23	2 21	1 48	19 39	0n 3	8 48	1 2	22 51	0 2	18 44	1 42	10 57	0 33	15 44	0 24	18 53	4 35	16 39	17 2	5 1	16 26	6 59
T 21	9 14	19 1	1 20	2 56	1 57	19 26	0 6	8 33	1 1	22 50	0 2	18 45	1 42	10 56	0 33	15 44	0 24	18 54	4 35	16 38	17 3	4 59	16 27	6 59
W22	8 53	17 8	0 14	3 30	2 6	19 11	0 9	8 18	1 1	22 49	0 2	18 46	1 42	10 56	0 33	15 45	0 24	18 54	4 34	16 38	17 4	4 57	16 27	6 58
T 23	8 31	14 30	0s52	4 3	2 15	18 57	0 12	8 3	1 1	22 48	0 2	18 46	1 41	10 55	0 33	15 45	0 24	18 54	4 34	16 38	17 4	4 55	16 28	6 58
F 24	8 9	11 17	1 55	4 35	2 23	18 41	0 15	7 48	1 1	22 47	0 2	18 47	1 41	10 55	0 33	15 46	0 24	18 54	4 34	16 39	17 5	4 53	16 28	6 57
S 25	7 47	7 38	2 53	5 6	2 32	18 25	0 18	7 33	1 0	22 46	0 1	18 48	1 41	10 54	0 33	15 46	0 24	18 55	4 34	16 40	17 6	4 51	16 29	6 57
S 26	7 25	3 42	3 43	5 35	2 40	18 9	0 21	7 18	1 0	22 45	0 1	18 49	1 41	10 54	0 33	15 47	0 24	18 55	4 33	16 41	17 7	4 49	16 29	6 56
M27	7 3	0n22	4 23	6 3	2 48	17 52	0 24	7 3	1 0	22 44	0 1	18 49	1 40	10 53	0 33	15 47	0 24	18 55	4 33	16 42	17 8	4 47	16 30	6 56
T 28	6 40	4 26	4 52	6 30	2 56	17 35	0 26	6 48	1 0	22 43	0 1	18 50	1 40	10 53	0 33	15 48	0 24	18 55	4 33	16 44	17 9	4 45	16 30	6 55
W29	6 18	8 21	5 9	6 55	3 4	17 17	0 29	6 32	0 59	22 42	0 1	18 51	1 40	10 52	0 33	15 48	0 24	18 56	4 33	16 45	17 10	4 43	16 31	6 55
T 30	5 55	11 59	5 12	7 18	3 11	16 58	0 32	6 17	0 59	22 42	0 1	18 52	1 40	10 52	0 33	15 48	0 24	18 56	4 32	16 46	17 11	4 41	16 31	6 54
F 31	5n32	15n10	5s 1	7s39	3s18	16n39	0n35	6n 2	0n59	22n41	0s 1	18s53	1n40	10n51	0s33	15s49	0s24	18s56	4n32	16n47	17n12	4s39	16s32	6n54

Julian Day Number = 2274623.5, Delta T = 257.15 sec
Ecliptic obliquity = 23°30'02, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°58'52, Lahiri = 17°05'53 Julian Calendar 1 Aug. 1515 == Greg. Calendar 11 Aug. 1515

ASTRODIENST EPHEMERIS for the year 1515
geocentric

SEPTEMBER 1515 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 15 15	16♍57'44	11♊52	12♎13	17♌ 8	17♍42	14♋50	1♐30	29°R36	18°R 8	27♐13	13°D35	12♌ 6	26♓46	4°D39	S 1
S 2	23 19 12	17°56'18	24°45	12°42	18°21	18°20	14°59	1°34	29♈35	18♒ 7	27°13	13♌35	12° 3	26°53	4♑39	S 2
M 3	23 23 8	18°54'55	8♋ 0	13° 7	19°34	18°59	15° 8	1°37	29°33	18° 5	27°13	13°36	12° 0	27° 0	4°39	M 3
T 4	23 27 5	19°53'34	21°40	13°26	20°47	19°38	15°17	1°41	29°31	18° 4	27°13	13°38	11°57	27° 6	4°39	T 4
W 5	23 31 1	20°52'16	5♌48	13°40	22° 0	20°17	15°26	1°44	29°30	18° 3	27°14	13°39	11°54	27°13	4°39	W 5
T 6	23 34 58	21°50'59	20°22	13°48	23°13	20°55	15°35	1°48	29°28	18° 1	27°14	13°R39	11°51	27°20	4°40	T 6
F 7	23 38 55	22°49'45	5♍18	13°R49	24°26	21°34	15°44	1°52	29°26	18° 0	27°14	13°37	11°47	27°26	4°40	F 7
S 8	23 42 51	23°48'33	20°29	13°44	25°39	22°13	15°53	1°56	29°24	17°59	27°14	13°34	11°44	27°33	4°40	S 8
S 9	23 46 48	24°47'22	5♎45	13°32	26°53	22°52	16° 1	2° 0	29°22	17°58	27°14	13°28	11°41	27°40	4°41	S 9
M10	23 50 44	25°46'14	20°57	13°13	28° 6	23°31	16° 9	2° 4	29°20	17°56	27°15	13°22	11°38	27°46	4°42	M10
T 11	23 54 41	26°45'08	5♏53	12°46	29°19	24°10	16°17	2° 8	29°18	17°55	27°15	13°16	11°35	27°53	4°43	T 11
W12	23 58 37	27°44'03	20°26	12°11	0♍33	24°48	16°26	2°12	29°16	17°54	27°15	13°10	11°31	28° 0	4°43	W12
T 13	0 2 34	28°43'00	4♐32	11°30	1°46	25°27	16°33	2°16	29°14	17°53	27°16	13° 6	11°28	28° 6	4°44	T 13
F 14	0 6 30	29°41'59	18° 9	10°41	3° 0	26° 6	16°41	2°21	29°12	17°52	27°16	13° 3	11°25	28°13	4°45	F 14
S 15	0 10 27	0♎41'00	1♑18	9°46	4°13	26°45	16°49	2°25	29°10	17°51	27°17	13°D 3	11°22	28°20	4°46	S 15
S 16	0 14 23	1°40'03	14° 4	8°45	5°27	27°24	16°56	2°30	29° 8	17°50	27°17	13° 3	11°19	28°26	4°48	S 16
M17	0 18 20	2°39'07	26°30	7°40	6°41	28° 3	17° 4	2°34	29° 6	17°48	27°18	13° 4	11°16	28°33	4°49	M17
T 18	0 22 17	3°38'13	8♒41	6°32	7°54	28°42	17°11	2°39	29° 4	17°47	27°18	13°R 5	11°12	28°40	4°50	T 18
W19	0 26 13	4°37'21	20°41	5°22	9° 8	29°21	17°18	2°43	29° 2	17°46	27°19	13° 5	11° 9	28°47	4°52	W19
T 20	0 30 10	5°36'31	2♓35	4°13	10°22	0♎ 1	17°25	2°48	29° 0	17°45	27°20	13° 3	11° 6	28°53	4°53	T 20
F 21	0 34 6	6°35'43	14°25	3° 6	11°36	0°40	17°32	2°53	28°57	17°45	27°20	12°58	11° 3	29° 0	4°55	F 21
S 22	0 38 3	7°34'56	26°15	2° 3	12°50	1°19	17°38	2°58	28°55	17°44	27°21	12°52	11° 0	29° 7	4°56	S 22
S 23	0 41 59	8°34'12	8♈ 6	1° 6	14° 4	1°58	17°45	3° 3	28°53	17°43	27°22	12°42	10°57	29°13	4°58	S 23
M24	0 45 56	9°33'29	20° 0	0°16	15°18	2°37	17°51	3° 8	28°51	17°42	27°22	12°32	10°53	29°20	5° 0	M24
T 25	0 49 52	10°32'49	1♉59	29♍36	16°32	3°16	17°57	3°13	28°48	17°41	27°23	12°20	10°50	29°27	5° 2	T 25
W26	0 53 49	11°32'11	14° 4	29° 5	17°46	3°56	18° 4	3°18	28°46	17°40	27°24	12° 9	10°47	29°33	5° 4	W26
T 27	0 57 46	12°31'35	26°17	28°45	19° 0	4°35	18° 9	3°24	28°44	17°39	27°25	12° 0	10°44	29°40	5° 6	T 27
F 28	1 1 42	13°31'02	8♊39	28°D36	20°15	5°14	18°15	3°29	28°41	17°39	27°26	11°52	10°41	29°47	5° 8	F 28
S 29	1 5 39	14°30'31	21°14	28°38	21°29	5°53	18°21	3°34	28°39	17°38	27°26	11°47	10°37	29°53	5°10	S 29
S 30	1 9 35	15♎30'02	4♋ 4	28♍51	22♍43	6♎33	18♋26	3♐40	28♈37	17♒37	27♐27	11♌45	10♌34	0♈ 0	5♑13	S 30

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	5n10	17n43	4s35	7s59	3s25	16n20	0n37	5n46	0n58	22n40	0s 1	18s54	1n39	10n51	0s33	15s49	0s24	18s56	4n32	16n47	17n12	4s37	16s32	6n53
S 2	4 47	19 28	3 56	8 16	3 31	16 0	0 40	5 31	0 58	22 39	0 1	18 54	1 39	10 50	0 33	15 50	0 24	18 57	4 32	16 47	17 13	4 34	16 33	6 53
M 3	4 24	20 14	3 2	8 30	3 36	15 40	0 43	5 15	0 58	22 38	0 1	18 55	1 39	10 49	0 33	15 50	0 24	18 57	4 32	16 47	17 14	4 32	16 33	6 52
T 4	4 1	19 50	1 57	8 42	3 41	15 19	0 45	5 0	0 58	22 37	0 0	18 56	1 39	10 49	0 33	15 51	0 24	18 57	4 31	16 47	17 15	4 30	16 34	6 51
W 5	3 38	18 11	0 43	8 51	3 45	14 58	0 48	4 44	0 57	22 36	0 0	18 57	1 39	10 48	0 33	15 51	0 24	18 57	4 31	16 46	17 16	4 28	16 34	6 51
T 6	3 14	15 19	0n37	8 57	3 48	14 36	0 50	4 29	0 57	22 35	0 0	18 58	1 38	10 47	0 33	15 51	0 24	18 58	4 31	16 46	17 17	4 26	16 35	6 50
F 7	2 51	11 22	1 55	9 0	3 50	14 14	0 52	4 13	0 57	22 34	0 0	18 59	1 38	10 47	0 33	15 52	0 24	18 58	4 31	16 47	17 18	4 24	16 35	6 50
S 8	2 28	6 38	3 7	8 59	3 51	13 51	0 55	3 58	0 56	22 33	0n 0	19 0	1 38	10 46	0 33	15 52	0 25	18 58	4 30	16 48	17 19	4 22	16 36	6 49
S 9	2 5	1 27	4 5	8 54	3 51	13 29	0 57	3 42	0 56	22 32	0 0	19 1	1 38	10 46	0 33	15 53	0 25	18 58	4 30	16 49	17 20	4 20	16 36	6 49
M10	1 41	3s47	4 46	8 45	3 50	13 5	0 59	3 26	0 56	22 31	0 0	19 2	1 38	10 45	0 33	15 53	0 25	18 59	4 30	16 51	17 20	4 18	16 37	6 48
T 11	1 18	8 41	5 7	8 32	3 47	12 42	1 1	3 10	0 55	22 31	0 0	19 3	1 37	10 44	0 33	15 53	0 25	18 59	4 30	16 53	17 21	4 16	16 37	6 48
W12	0 54	12 58	5 7	8 14	3 42	12 18	1 3	2 55	0 55	22 30	0 0	19 4	1 37	10 43	0 33	15 54	0 25	18 59	4 29	16 55	17 22	4 13	16 38	6 47
T 13	0 31	16 23	4 48	7 52	3 36	11 53	1 5	2 39	0 55	22 29	0 1	19 5	1 37	10 43	0 33	15 54	0 25	18 59	4 29	16 56	17 23	4 11	16 38	6 47
F 14	0 7	18 46	4 13	7 25	3 28	11 28	1 7	2 23	0 54	22 28	0 1	19 6	1 37	10 42	0 33	15 54	0 25	19 0	4 29	16 56	17 24	4 9	16 39	6 46
S 15	0s16	20 3	3 26	6 54	3 18	11 3	1 9	2 7	0 54	22 27	0 1	19 7	1 37	10 41	0 33	15 55	0 25	19 0	4 29	16 57	17 25	4 7	16 39	6 46
S 16	0 40	20 16	2 30	6 19	3 6	10 38	1 11	1 51	0 54	22 26	0 1	19 8	1 36	10 40	0 33	15 55	0 25	19 0	4 28	16 56	17 26	4 5	16 40	6 45
M17	1 3	19 28	1 28	5 41	2 52	10 12	1 12	1 36	0 53	22 26	0 1	19 9	1 36	10 40	0 33	15 55	0 25	19 0	4 28	16 56	17 27	4 3	16 40	6 45
T 18	1 27	17 45	0 24	5 0	2 36	9 46	1 14	1 20	0 53	22 25	0 1	19 10	1 36	10 39	0 33	15 56	0 25	19 1	4 28	16 56	17 27	4 1	16 41	6 44
W19	1 50	15 17	0s41	4 16	2 19	9 20	1 16	1 4	0 53	22 24	0 1	19 12	1 36	10 38	0 33	15 56	0 25	19 1	4 28	16 56	17 28	3 59	16 41	6 44
T 20	2 14	12 11	1 43	3 31	2 1	8 53	1 17	0 48	0 52	22 23	0 1	19 13	1 36	10 37	0 33	15 56	0 25	19 1	4 27	16 57	17 29	3 57	16 42	6 43
F 21	2 38	8 37	2 40	2 47	1 41	8 27	1 19	0 32	0 52	22 22	0 2	19 14	1 35	10 37	0 33	15 57	0 25	19 1	4 27	16 58	17 30	3 54	16 42	6 43
S 22	3 1	4 43	3 30	2 3	1 21	8 0	1 20	0 16	0 52	22 22	0 2	19 15	1 35	10 36	0 33	15 57	0 25	19 2	4 27	17 0	17 31	3 52	16 43	6 42
S 23	3 24	0 38	4 11	1 22	1 0	7 32	1 21	0 0	0 51	22 21	0 2	19 16	1 35	10 35	0 33	15 57	0 25	19 2	4 27	17 2	17 32	3 50	16 43	6 42
M24	3 48	3n30	4 41	0 43	0 40	7 5	1 23	0s16	0 51	22 20	0 2	19 17	1 35	10 34	0 33	15 57	0 25	19 2	4 26	17 5	17 33	3 48	16 43	6 41
T 25	4 11	7 31	4 59	0 9	0 20	6 37	1 24	0 32	0 51	22 20	0 2	19 18	1 35	10 33	0 33	15 58	0 25	19 2	4 26	17 9	17 34	3 46	16 44	6 41
W26	4 34	11 16	5 4	0n21	0 1	6 9	1 25	0 48	0 50	22 19	0 2	19 19	1 35	10 33	0 33	15 58	0 25	19 3	4 26	17 12	17 34	3 44	16 44	6 40
T 27	4 58	14 35	4 55	0 46	0n18	5 41	1 26	1 4	0 50	22 18	0 2	19 21	1 34	10 32	0 33	15 58	0 25	19 3	4 26	17 14	17 35	3 42	16 45	6 40
F 28	5 21	17 20	4 32	1 5	0 35	5 12	1 27	1 20	0 50	22 18	0 2	19 22	1 34	10 31	0 33	15 58	0 25	19 3	4 25	17 16	17 36	3 40	16 45	6 39
S 29	5 44	19 18	3 55	1 19	0 50	4 44	1 28	1 35	0 49	22 17	0 2	19 23	1 34	10 30	0 33	15 59	0 25	19 3	4 25	17 18	17 37	3 37	16 46	6 39
S 30	6s 7	20n20	3s 7	1n26	1n 4	4n15	1n29	1s51	0n49	22n16	0n 3	19s24	1n34	10n29	0s33	15s59	0s25	19s 4	4n25	17n19	17n38	3s35	16s46	6n38

Julian Day Number = 2274654.5, Delta T = 256.96 sec
Ecliptic obliquity = 23°30'02, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°58'57, Lahiri = 17°05'57 Julian Calendar 1 Sept. 1515 == Greg. Calendar 11 Sept. 1515

ASTRODIENST EPHEMERIS for the year 1515
geocentric

OCTOBER 1515 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 13 32	16♎29'35	17♋13	29♍14	23♍58	7♎12	18♋31	3♐45	28°R34	17°R37	27♐28	11°D44	10♌31	0♈ 7	5♑15	M 1
T 2	1 17 28	17°29'11	0♌44	29°47	25°12	7°52	18°36	3°51	28♈32	17♒36	27°29	11♌44	10°28	0°13	5°17	T 2
W 3	1 21 25	18°28'49	14°39	0♎29	26°27	8°31	18°41	3°56	28°29	17°35	27°30	11°R45	10°25	0°20	5°20	W 3
T 4	1 25 21	19°28'30	28°59	1°19	27°41	9°11	18°46	4° 2	28°27	17°35	27°31	11°43	10°22	0°27	5°22	T 4
F 5	1 29 18	20°28'12	13♍42	2°17	28°56	9°50	18°50	4° 8	28°25	17°34	27°32	11°40	10°18	0°34	5°25	F 5
S 6	1 33 15	21°27'57	28°44	3°21	0♎10	10°30	18°55	4°13	28°22	17°34	27°33	11°34	10°15	0°40	5°28	S 6
S 7	1 37 11	22°27'44	13♎56	4°31	1°25	11° 9	18°59	4°19	28°20	17°33	27°35	11°25	10°12	0°47	5°31	S 7
M 8	1 41 8	23°27'33	29° 8	5°46	2°40	11°49	19° 3	4°25	28°17	17°33	27°36	11°15	10° 9	0°54	5°33	M 8
T 9	1 45 4	24°27'24	14♏10	7° 6	3°54	12°28	19° 7	4°31	28°15	17°32	27°37	11° 4	10° 6	1° 0	5°36	T 9
W10	1 49 1	25°27'17	28°51	8°29	5° 9	13° 8	19°11	4°37	28°12	17°32	27°38	10°54	10° 3	1° 7	5°39	W10
T 11	1 52 57	26°27'11	13♐ 6	9°55	6°24	13°48	19°14	4°43	28°10	17°32	27°39	10°45	9°59	1°14	5°42	T 11
F 12	1 56 54	27°27'08	26°50	11°24	7°39	14°27	19°17	4°49	28° 7	17°31	27°41	10°39	9°56	1°20	5°46	F 12
S 13	2 0 50	28°27'06	10♑ 5	12°56	8°53	15° 7	19°20	4°55	28° 5	17°31	27°42	10°36	9°53	1°27	5°49	S 13
S 14	2 4 47	29°27'06	22°54	14°28	10° 8	15°47	19°23	5° 1	28° 2	17°31	27°43	10°35	9°50	1°34	5°52	S 14
M15	2 8 43	0♏27'07	5♒20	16° 3	11°23	16°27	19°26	5° 7	28° 0	17°31	27°44	10°35	9°47	1°40	5°55	M15
T 16	2 12 40	1°27'10	17°29	17°38	12°38	17° 6	19°29	5°14	27°58	17°30	27°46	10°35	9°43	1°47	5°59	T 16
W17	2 16 37	2°27'15	29°27	19°14	13°53	17°46	19°31	5°20	27°55	17°30	27°47	10°33	9°40	1°54	6° 2	W17
T 18	2 20 33	3°27'21	11♓18	20°51	15° 8	18°26	19°33	5°26	27°53	17°30	27°49	10°30	9°37	2° 1	6° 6	T 18
F 19	2 24 30	4°27'29	23° 6	22°29	16°23	19° 6	19°35	5°33	27°50	17°30	27°50	10°24	9°34	2° 7	6°10	F 19
S 20	2 28 26	5°27'38	4♈57	24° 6	17°38	19°46	19°37	5°39	27°48	17°30	27°52	10°15	9°31	2°14	6°13	S 20
S 21	2 32 23	6°27'49	16°51	25°44	18°53	20°26	19°38	5°45	27°45	17°D30	27°53	10° 3	9°28	2°21	6°17	S 21
M22	2 36 19	7°28'02	28°52	27°22	20° 8	21° 6	19°40	5°52	27°43	17°30	27°54	9°49	9°24	2°27	6°21	M22
T 23	2 40 16	8°28'17	11♉ 1	29° 0	21°23	21°46	19°41	5°58	27°40	17°30	27°56	9°35	9°21	2°34	6°25	T 23
W24	2 44 12	9°28'33	23°18	0♏38	22°38	22°26	19°42	6° 5	27°38	17°30	27°58	9°20	9°18	2°41	6°28	W24
T 25	2 48 9	10°28'51	5♊43	2°16	23°53	23° 6	19°43	6°11	27°36	17°30	27°59	9° 8	9°15	2°47	6°32	T 25
F 26	2 52 6	11°29'11	18°19	3°53	25° 9	23°46	19°43	6°18	27°33	17°30	28° 1	8°57	9°12	2°54	6°36	F 26
S 27	2 56 2	12°29'33	1♋ 5	5°31	26°24	24°26	19°44	6°25	27°31	17°31	28° 2	8°50	9° 8	3° 1	6°41	S 27
S 28	2 59 59	13°29'57	14° 3	7° 8	27°39	25° 6	19°44	6°31	27°29	17°31	28° 4	8°46	9° 5	3° 7	6°45	S 28
M29	3 3 55	14°30'23	27°15	8°45	28°54	25°46	19°R44	6°38	27°26	17°31	28° 6	8°44	9° 2	3°14	6°49	M29
T 30	3 7 52	15°30'51	10♌43	10°22	0♏ 9	26°27	19°44	6°45	27°24	17°31	28° 7	8°44	8°59	3°21	6°53	T 30
W31	3 11 48	16♏31'21	24♌29	11♏58	1♏25	27♎ 7	19♋44	6♐52	27♈22	17♒32	28♐ 9	8♌44	8♌56	3♈28	6♑57	W31

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
M 1	6s30	20n18	2s 7	1n29	1n17	3n46	1n30	2s 7	0n49	22n16	0n 3	19s25	1n34	10n28	0s33	15s59	0s25	19s 4	4n25	17n19	17n39	3s33	16s46	6n38
T 2	6 53	19 6	0 58	1 26	1 28	3 17	1 30	2 23	0 48	22 15	0 3	19 26	1 34	10 28	0 33	15 59	0 25	19 4	4 25	17 19	17 40	3 31	16 47	6 37
W 3	7 16	16 44	0n15	1 18	1 37	2 48	1 31	2 39	0 48	22 15	0 3	19 28	1 33	10 27	0 33	15 59	0 25	19 4	4 24	17 19	17 40	3 29	16 47	6 37
T 4	7 38	13 16	1 30	1 5	1 45	2 19	1 31	2 55	0 47	22 14	0 3	19 29	1 33	10 26	0 33	16 0	0 25	19 5	4 24	17 19	17 41	3 27	16 48	6 36
F 5	8 1	8 54	2 41	0 48	1 51	1 50	1 32	3 11	0 47	22 14	0 3	19 30	1 33	10 25	0 33	16 0	0 25	19 5	4 24	17 20	17 42	3 25	16 48	6 36
S 6	8 23	3 54	3 42	0 27	1 57	1 20	1 32	3 27	0 47	22 13	0 3	19 31	1 33	10 24	0 33	16 0	0 25	19 5	4 24	17 22	17 43	3 22	16 48	6 35
S 7	8 46	1s23	4 28	0 3	2 0	0 51	1 33	3 43	0 46	22 13	0 4	19 32	1 33	10 23	0 33	16 0	0 25	19 5	4 23	17 24	17 44	3 20	16 49	6 35
M 8	9 8	6 36	4 55	0s25	2 3	0 21	1 33	3 59	0 46	22 12	0 4	19 34	1 33	10 22	0 33	16 0	0 25	19 6	4 23	17 27	17 45	3 18	16 49	6 34
T 9	9 30	11 20	5 1	0 55	2 5	0s 8	1 33	4 14	0 46	22 12	0 4	19 35	1 33	10 21	0 33	16 0	0 25	19 6	4 23	17 30	17 46	3 16	16 49	6 34
W10	9 52	15 17	4 47	1 27	2 5	0 38	1 33	4 30	0 45	22 11	0 4	19 36	1 32	10 21	0 33	16 0	0 25	19 6	4 23	17 33	17 47	3 14	16 50	6 33
T 11	10 14	18 12	4 15	2 2	2 5	1 7	1 33	4 46	0 45	22 11	0 4	19 37	1 32	10 20	0 33	16 1	0 25	19 6	4 23	17 35	17 47	3 12	16 50	6 33
F 12	10 36	19 58	3 30	2 37	2 4	1 37	1 33	5 2	0 44	22 11	0 4	19 39	1 32	10 19	0 33	16 1	0 25	19 7	4 22	17 37	17 48	3 9	16 50	6 33
S 13	10 57	20 33	2 34	3 15	2 2	2 7	1 33	5 18	0 44	22 10	0 4	19 40	1 32	10 18	0 33	16 1	0 25	19 7	4 22	17 37	17 49	3 7	16 51	6 32
S 14	11 18	20 2	1 32	3 53	2 0	2 36	1 33	5 33	0 44	22 10	0 4	19 41	1 32	10 17	0 33	16 1	0 24	19 7	4 22	17 38	17 50	3 5	16 51	6 32
M15	11 40	18 32	0 28	4 32	1 56	3 6	1 33	5 49	0 43	22 10	0 5	19 42	1 32	10 16	0 33	16 1	0 24	19 7	4 22	17 38	17 51	3 3	16 51	6 31
T 16	12 1	16 13	0s37	5 12	1 53	3 35	1 32	6 5	0 43	22 10	0 5	19 44	1 32	10 15	0 33	16 1	0 24	19 8	4 21	17 38	17 52	3 1	16 51	6 31
W17	12 21	13 14	1 38	5 52	1 49	4 5	1 32	6 20	0 42	22 9	0 5	19 45	1 31	10 14	0 33	16 1	0 24	19 8	4 21	17 38	17 52	2 59	16 52	6 30
T 18	12 42	9 44	2 35	6 33	1 44	4 34	1 31	6 36	0 42	22 9	0 5	19 46	1 31	10 14	0 33	16 1	0 24	19 8	4 21	17 39	17 53	2 56	16 52	6 30
F 19	13 2	5 52	3 25	7 14	1 39	5 4	1 31	6 51	0 41	22 9	0 5	19 47	1 31	10 13	0 33	16 1	0 24	19 8	4 21	17 41	17 54	2 54	16 52	6 30
S 20	13 23	1 47	4 5	7 55	1 34	5 33	1 30	7 7	0 41	22 9	0 5	19 49	1 31	10 12	0 33	16 1	0 24	19 8	4 21	17 43	17 55	2 52	16 53	6 29
S 21	13 43	2n24	4 36	8 36	1 29	6 2	1 30	7 22	0 41	22 9	0 5	19 50	1 31	10 11	0 33	16 1	0 24	19 9	4 20	17 46	17 56	2 50	16 53	6 29
M22	14 2	6 31	4 54	9 17	1 23	6 31	1 29	7 38	0 40	22 9	0 6	19 51	1 31	10 10	0 33	16 1	0 24	19 9	4 20	17 50	17 57	2 48	16 53	6 28
T 23	14 22	10 25	4 59	9 57	1 17	7 0	1 28	7 53	0 40	22 9	0 6	19 52	1 31	10 9	0 33	16 1	0 24	19 9	4 20	17 54	17 58	2 46	16 53	6 28
W24	14 41	13 57	4 51	10 37	1 11	7 29	1 27	8 9	0 39	22 9	0 6	19 53	1 31	10 8	0 33	16 1	0 24	19 9	4 20	17 58	17 58	2 43	16 53	6 28
T 25	15 0	16 55	4 28	11 17	1 4	7 57	1 26	8 24	0 39	22 9	0 6	19 55	1 30	10 8	0 33	16 1	0 24	19 10	4 20	18 1	17 59	2 41	16 54	6 27
F 26	15 19	19 7	3 53	11 56	0 58	8 26	1 25	8 39	0 38	22 9	0 6	19 56	1 30	10 7	0 33	16 1	0 24	19 10	4 19	18 4	18 0	2 39	16 54	6 27
S 27	15 38	20 25	3 5	12 35	0 51	8 54	1 24	8 54	0 38	22 9	0 6	19 57	1 30	10 6	0 33	16 1	0 24	19 10	4 19	18 6	18 1	2 37	16 54	6 26
S 28	15 56	20 40	2 6	13 13	0 45	9 22	1 23	9 9	0 38	22 9	0 6	19 58	1 30	10 5	0 33	16 1	0 24	19 10	4 19	18 7	18 2	2 35	16 54	6 26
M29	16 14	19 47	1 0	13 51	0 38	9 50	1 22	9 25	0 37	22 9	0 7	20 0	1 30	10 4	0 33	16 1	0 24	19 10	4 19	18 7	18 3	2 33	16 54	6 26
T 30	16 32	17 46	0n10	14 28	0 31	10 18	1 21	9 40	0 37	22 9	0 7	20 1	1 30	10 3	0 33	16 1	0 24	19 11	4 19	18 7	18 3	2 30	16 54	6 25
W31	16s49	14n41	1n22	15s 4	0n25	10s45	1n19	9s55	0n36	22n10	0n 7	20s 2	1n30	10n 3	0s33	16s 0	0s24	19s11	4n18	18n 7	18n 4	2s28	16s55	6n25

Julian Day Number = 2274684.5, Delta T = 256.77 sec
Ecliptic obliquity = 23°30'02, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°59'01, Lahiri = 17°06'01 Julian Calendar 1 Oct. 1515 == Greg. Calendar 11 Oct. 1515

ASTRODIENST EPHEMERIS for the year 1515
geocentric

NOVEMBER 1515 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 15 45	17♏31'52	8♍34	13♏34	2♏40	27♎47	19°R43	6♐58	27°R19	17♒32	28♐11	8°R43	8♌53	3♈34	7♉ 2	T 1
F 2	3 19 41	18°32'25	22°58	15°10	3°55	28°27	19♋42	7° 5	27♈17	17°32	28°12	8♌39	8°49	3°41	7° 6	F 2
S 3	3 23 38	19°33'00	7♎39	16°46	5°11	29° 8	19°41	7°12	27°15	17°33	28°14	8°33	8°46	3°48	7°11	S 3
S 4	3 27 35	20°33'37	22°31	18°22	6°26	29°48	19°40	7°19	27°13	17°33	28°16	8°24	8°43	3°54	7°15	S 4
M 5	3 31 31	21°34'16	7♏26	19°57	7°41	0♏29	19°39	7°26	27°10	17°34	28°18	8°13	8°40	4° 1	7°20	M 5
T 6	3 35 28	22°34'56	22°15	21°32	8°57	1° 9	19°37	7°33	27° 8	17°34	28°20	8° 1	8°37	4° 8	7°24	T 6
W 7	3 39 24	23°35'38	6♐50	23° 7	10°12	1°50	19°35	7°39	27° 6	17°35	28°21	7°50	8°34	4°14	7°29	W 7
T 8	3 43 21	24°36'21	21° 3	24°42	11°27	2°30	19°33	7°46	27° 4	17°36	28°23	7°41	8°30	4°21	7°34	T 8
F 9	3 47 17	25°37'05	4♉49	26°17	12°43	3°11	19°31	7°53	27° 2	17°36	28°25	7°34	8°27	4°28	7°39	F 9
S 10	3 51 14	26°37'50	18° 8	27°51	13°58	3°51	19°29	8° 0	27° 0	17°37	28°27	7°30	8°24	4°35	7°43	S 10
S 11	3 55 10	27°38'37	1♒ 1	29°25	15°14	4°32	19°26	8° 7	26°58	17°38	28°29	7°28	8°21	4°41	7°48	S 11
M12	3 59 7	28°39'24	13°31	1♐ 0	16°29	5°12	19°23	8°14	26°56	17°38	28°31	7°D28	8°18	4°48	7°53	M12
T 13	4 3 4	29°40'13	25°43	2°34	17°44	5°53	19°20	8°21	26°54	17°39	28°33	7°R29	8°14	4°55	7°58	T 13
W14	4 7 0	0♐41'02	7♓42	4° 8	19° 0	6°34	19°17	8°28	26°52	17°40	28°35	7°29	8°11	5° 1	8° 3	W14
T 15	4 10 57	1°41'52	19°34	5°42	20°15	7°14	19°14	8°35	26°50	17°41	28°37	7°27	8° 8	5° 8	8° 8	T 15
F 16	4 14 53	2°42'43	1♈24	7°15	21°31	7°55	19°10	8°42	26°48	17°42	28°39	7°23	8° 5	5°15	8°13	F 16
S 17	4 18 50	3°43'35	13°16	8°49	22°46	8°36	19° 7	8°49	26°46	17°42	28°41	7°16	8° 2	5°21	8°18	S 17
S 18	4 22 46	4°44'28	25°14	10°23	24° 2	9°17	19° 3	8°56	26°44	17°43	28°43	7° 7	7°59	5°28	8°23	S 18
M19	4 26 43	5°45'22	7♉21	11°57	25°17	9°58	18°59	9° 3	26°43	17°44	28°45	6°56	7°55	5°35	8°28	M19
T 20	4 30 39	6°46'17	19°40	13°31	26°33	10°38	18°54	9°11	26°41	17°45	28°47	6°44	7°52	5°42	8°34	T 20
W21	4 34 36	7°47'13	2♊11	15° 4	27°48	11°19	18°50	9°18	26°39	17°46	28°49	6°33	7°49	5°48	8°39	W21
T 22	4 38 33	8°48'10	14°54	16°38	29° 3	12° 0	18°45	9°25	26°38	17°47	28°51	6°22	7°46	5°55	8°44	T 22
F 23	4 42 29	9°49'08	27°49	18°12	0♐19	12°41	18°41	9°32	26°36	17°49	28°53	6°14	7°43	6° 2	8°49	F 23
S 24	4 46 26	10°50'06	10♋56	19°45	1°34	13°22	18°36	9°39	26°34	17°50	28°55	6° 9	7°40	6° 8	8°55	S 24
S 25	4 50 22	11°51'06	24°13	21°19	2°50	14° 3	18°30	9°46	26°33	17°51	28°57	6° 6	7°36	6°15	9° 0	S 25
M26	4 54 19	12°52'07	7♌41	22°53	4° 5	14°44	18°25	9°53	26°31	17°52	28°59	6°D 5	7°33	6°22	9° 5	M26
T 27	4 58 15	13°53'09	21°19	24°27	5°21	15°25	18°20	10° 0	26°30	17°53	29° 1	6° 6	7°30	6°28	9°11	T 27
W28	5 2 12	14°54'12	5♍ 8	26° 0	6°36	16° 7	18°14	10° 7	26°29	17°54	29° 3	6° 7	7°27	6°35	9°16	W28
T 29	5 6 8	15°55'16	19° 8	27°34	7°52	16°48	18° 8	10°14	26°27	17°56	29° 5	6°R 7	7°24	6°42	9°22	T 29
F 30	5 10 5	16♐56'21	3♎19	29♐ 7	9♐ 7	17♏29	18♋ 2	10♐21	26♈26	17♒57	29♐ 7	6♌ 6	7♌20	6♈49	9♉27	F 30

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
T 1	17s 6	10n42	2n31	15s40	0n18	11s12	1n18	10s 9	0n36	22n10	0n 7	20s 3	1n30	10n 2	0s33	16s 0	0s24	19s11	4n18	18n 8	18n 5	2s26	16s55	6n25
F 2	17 23	6 2	3 31	16 15	0 11	11 39	1 17	10 24	0 35	22 10	0 7	20 5	1 30	10 1	0 33	16 0	0 24	19 11	4 18	18 9	18 6	2 24	16 55	6 24
S 3	17 40	0 55	4 19	16 49	0 4	12 6	1 15	10 39	0 35	22 10	0 7	20 6	1 30	10 0	0 33	16 0	0 24	19 11	4 18	18 10	18 7	2 22	16 55	6 24
S 4	17 56	4s18	4 50	17 23	0s 2	12 32	1 14	10 54	0 34	22 11	0 7	20 7	1 29	9 59	0 33	16 0	0 24	19 12	4 18	18 13	18 8	2 19	16 55	6 24
M 5	18 12	9 17	5 1	17 55	0 9	12 58	1 12	11 8	0 34	22 11	0 8	20 8	1 29	9 59	0 33	16 0	0 24	19 12	4 18	18 16	18 8	2 17	16 55	6 23
T 6	18 28	13 41	4 52	18 27	0 16	13 24	1 11	11 23	0 33	22 11	0 8	20 9	1 29	9 58	0 33	16 0	0 24	19 12	4 17	18 19	18 9	2 15	16 55	6 23
W 7	18 43	17 10	4 24	18 58	0 22	13 49	1 9	11 37	0 33	22 12	0 8	20 11	1 29	9 57	0 33	15 59	0 24	19 12	4 17	18 21	18 10	2 13	16 55	6 23
T 8	18 58	19 33	3 40	19 27	0 29	14 14	1 7	11 52	0 32	22 12	0 8	20 12	1 29	9 56	0 33	15 59	0 24	19 12	4 17	18 24	18 11	2 11	16 55	6 22
F 9	19 13	20 41	2 44	19 56	0 35	14 39	1 6	12 6	0 32	22 13	0 8	20 13	1 29	9 56	0 33	15 59	0 24	19 13	4 17	18 26	18 12	2 8	16 55	6 22
S 10	19 27	20 36	1 41	20 24	0 41	15 3	1 4	12 21	0 31	22 13	0 8	20 14	1 29	9 55	0 33	15 59	0 24	19 13	4 17	18 27	18 13	2 6	16 55	6 22
S 11	19 41	19 26	0 34	20 51	0 48	15 27	1 2	12 35	0 31	22 14	0 9	20 15	1 29	9 54	0 33	15 59	0 24	19 13	4 16	18 27	18 13	2 4	16 55	6 22
M12	19 55	17 19	0s32	21 17	0 54	15 51	1 0	12 49	0 30	22 14	0 9	20 17	1 29	9 54	0 33	15 58	0 24	19 13	4 16	18 27	18 14	2 2	16 55	6 21
T 13	20 8	14 29	1 36	21 42	1 0	16 14	0 58	13 3	0 30	22 15	0 9	20 18	1 29	9 53	0 33	15 58	0 24	19 13	4 16	18 27	18 15	2 0	16 55	6 21
W14	20 21	11 5	2 34	22 6	1 6	16 37	0 56	13 17	0 29	22 15	0 9	20 19	1 29	9 52	0 33	15 58	0 24	19 14	4 16	18 27	18 16	1 57	16 55	6 21
T 15	20 33	7 16	3 24	22 29	1 11	16 59	0 54	13 31	0 29	22 16	0 9	20 20	1 29	9 52	0 33	15 58	0 24	19 14	4 16	18 27	18 17	1 55	16 55	6 20
F 16	20 45	3 12	4 6	22 50	1 17	17 21	0 52	13 44	0 28	22 17	0 9	20 21	1 28	9 51	0 33	15 57	0 24	19 14	4 16	18 28	18 18	1 53	16 55	6 20
S 17	20 57	0n59	4 38	23 11	1 22	17 42	0 50	13 58	0 28	22 17	0 9	20 22	1 28	9 50	0 33	15 57	0 24	19 14	4 16	18 30	18 18	1 51	16 55	6 20
S 18	21 8	5 11	4 57	23 30	1 27	18 3	0 48	14 11	0 27	22 18	0 10	20 24	1 28	9 50	0 33	15 57	0 24	19 14	4 15	18 32	18 19	1 48	16 55	6 20
M19	21 19	9 13	5 3	23 48	1 32	18 23	0 46	14 25	0 27	22 19	0 10	20 25	1 28	9 49	0 33	15 57	0 24	19 14	4 15	18 35	18 20	1 46	16 55	6 20
T 20	21 30	12 57	4 56	24 5	1 37	18 43	0 44	14 38	0 26	22 20	0 10	20 26	1 28	9 48	0 33	15 56	0 24	19 15	4 15	18 38	18 21	1 44	16 55	6 19
W21	21 40	16 10	4 34	24 21	1 42	19 3	0 42	14 51	0 26	22 20	0 10	20 27	1 28	9 48	0 33	15 56	0 24	19 15	4 15	18 41	18 22	1 42	16 55	6 19
T 22	21 50	18 42	3 58	24 35	1 46	19 22	0 39	15 5	0 25	22 21	0 10	20 28	1 28	9 47	0 33	15 56	0 24	19 15	4 15	18 44	18 22	1 40	16 55	6 19
F 23	21 59	20 19	3 10	24 48	1 50	19 40	0 37	15 18	0 25	22 22	0 10	20 29	1 28	9 47	0 33	15 55	0 24	19 15	4 15	18 46	18 23	1 37	16 54	6 19
S 24	22 8	20 53	2 11	25 0	1 54	19 58	0 35	15 31	0 24	22 23	0 11	20 30	1 28	9 46	0 33	15 55	0 24	19 15	4 14	18 47	18 24	1 35	16 54	6 18
S 25	22 16	20 17	1 3	25 10	1 57	20 15	0 33	15 43	0 24	22 24	0 11	20 31	1 28	9 46	0 33	15 55	0 24	19 15	4 14	18 48	18 25	1 33	16 54	6 18
M26	22 24	18 32	0n 9	25 19	2 1	20 31	0 30	15 56	0 23	22 25	0 11	20 32	1 28	9 45	0 33	15 54	0 24	19 16	4 14	18 48	18 26	1 31	16 54	6 18
T 27	22 32	15 43	1 21	25 27	2 4	20 47	0 28	16 9	0 22	22 25	0 11	20 33	1 28	9 45	0 33	15 54	0 24	19 16	4 14	18 48	18 27	1 28	16 54	6 18
W28	22 39	11 58	2 30	25 33	2 6	21 3	0 26	16 21	0 22	22 26	0 11	20 35	1 28	9 44	0 33	15 53	0 24	19 16	4 14	18 48	18 27	1 26	16 54	6 18
T 29	22 45	7 32	3 30	25 37	2 9	21 18	0 23	16 33	0 21	22 27	0 11	20 36	1 28	9 44	0 33	15 53	0 24	19 16	4 14	18 47	18 28	1 24	16 53	6 18
F 30	22s51	2n38	4n19	25s40	2s11	21s32	0n21	16s46	0n21	22n28	0n12	20s37	1n28	9n43	0s32	15s53	0s24	19s16	4n14	18n48	18n29	1s22	16s53	6n18

Julian Day Number = 2274715.5, Delta T = 256.58 sec
Ecliptic obliquity = 23°30'02, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°59'05, Lahiri = 17°06'05 Julian Calendar 1 Nov. 1515 == Greg. Calendar 11 Nov. 1515

ASTRODIENST EPHEMERIS for the year 1515
geocentric

DECEMBER 1515 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 14 2	17♐57'26	17♎39	0♑41	10♐23	18♏10	17°R56	10♐28	26°R25	17♒58	29♐10	6°R 2	7♌17	6♈55	9♑33	S 1
S 2	5 17 58	18°58'33	2♏ 5	2°14	11°39	18°51	17♋50	10°35	26♈23	18° 0	29°12	5♌57	7°14	7° 2	9°38	S 2
M 3	5 21 55	19°59'41	16°32	3°47	12°54	19°33	17°44	10°42	26°22	18° 1	29°14	5°50	7°11	7° 9	9°44	M 3
T 4	5 25 51	21° 0'49	0♐54	5°20	14°10	20°14	17°37	10°49	26°21	18° 3	29°16	5°42	7° 8	7°15	9°49	T 4
W 5	5 29 48	22° 1'58	15° 6	6°52	15°25	20°55	17°31	10°56	26°20	18° 4	29°18	5°35	7° 5	7°22	9°55	W 5
T 6	5 33 44	23° 3'08	29° 2	8°23	16°41	21°37	17°24	11° 3	26°19	18° 5	29°20	5°29	7° 1	7°29	10° 1	T 6
F 7	5 37 41	24° 4'18	12♑38	9°54	17°56	22°18	17°17	11°10	26°18	18° 7	29°22	5°24	6°58	7°36	10° 6	F 7
S 8	5 41 38	25° 5'28	25°53	11°25	19°12	23° 0	17°10	11°17	26°17	18° 8	29°25	5°22	6°55	7°42	10°12	S 8
S 9	5 45 34	26° 6'39	8♒45	12°54	20°27	23°41	17° 3	11°24	26°16	18°10	29°27	5°D22	6°52	7°49	10°18	S 9
M10	5 49 31	27° 7'49	21°16	14°22	21°43	24°23	16°56	11°31	26°15	18°12	29°29	5°23	6°49	7°56	10°23	M10
T 11	5 53 27	28° 9'00	3♓31	15°48	22°58	25° 4	16°49	11°38	26°14	18°13	29°31	5°24	6°46	8° 2	10°29	T 11
W12	5 57 24	29°10'10	15°33	17°13	24°14	25°46	16°41	11°45	26°14	18°15	29°33	5°26	6°42	8° 9	10°35	W12
T 13	6 1 20	0♑11'21	27°27	18°36	25°29	26°27	16°34	11°51	26°13	18°16	29°35	5°R27	6°39	8°16	10°40	T 13
F 14	6 5 17	1°12'31	9♈18	19°56	26°45	27° 9	16°26	11°58	26°12	18°18	29°37	5°27	6°36	8°22	10°46	F 14
S 15	6 9 13	2°13'41	21°11	21°13	28° 0	27°51	16°19	12° 5	26°12	18°20	29°40	5°25	6°33	8°29	10°52	S 15
S 16	6 13 10	3°14'52	3♉11	22°26	29°16	28°32	16°11	12°12	26°11	18°22	29°42	5°21	6°30	8°36	10°58	S 16
M17	6 17 7	4°16'01	15°21	23°36	0♑31	29°14	16° 3	12°19	26°10	18°23	29°44	5°17	6°26	8°43	11° 3	M17
T 18	6 21 3	5°17'11	27°46	24°40	1°47	29°56	15°56	12°25	26°10	18°25	29°46	5°12	6°23	8°49	11° 9	T 18
W19	6 25 0	6°18'21	10♊27	25°39	3° 2	0♐38	15°48	12°32	26°10	18°27	29°48	5° 6	6°20	8°56	11°15	W19
T 20	6 28 56	7°19'30	23°25	26°32	4°18	1°20	15°40	12°39	26° 9	18°29	29°50	5° 2	6°17	9° 3	11°21	T 20
F 21	6 32 53	8°20'40	6♋40	27°18	5°33	2° 1	15°32	12°45	26° 9	18°30	29°52	4°58	6°14	9° 9	11°26	F 21
S 22	6 36 49	9°21'49	20°11	27°55	6°49	2°43	15°24	12°52	26° 9	18°32	29°55	4°56	6°11	9°16	11°32	S 22
S 23	6 40 46	10°22'58	3♌55	28°23	8° 4	3°25	15°16	12°58	26° 9	18°34	29°57	4°D55	6° 7	9°23	11°38	S 23
M24	6 44 42	11°24'07	17°49	28°42	9°20	4° 7	15° 8	13° 5	26° 8	18°36	29°59	4°56	6° 4	9°30	11°44	M24
T 25	6 48 39	12°25'15	1♍51	28°R50	10°35	4°49	15° 0	13°11	26° 8	18°38	0♑ 1	4°57	6° 1	9°36	11°49	T 25
W26	6 52 36	13°26'24	15°58	28°47	11°51	5°31	14°52	13°18	26°D 8	18°40	0° 3	4°58	5°58	9°43	11°55	W26
T 27	6 56 32	14°27'33	0♎ 9	28°32	13° 6	6°13	14°44	13°24	26° 8	18°42	0° 5	5° 0	5°55	9°50	12° 1	T 27
F 28	7 0 29	15°28'41	14°20	28° 5	14°22	6°55	14°35	13°31	26° 8	18°44	0° 7	5°R 0	5°52	9°56	12° 7	F 28
S 29	7 4 25	16°29'50	28°29	27°26	15°37	7°37	14°27	13°37	26° 8	18°46	0° 9	5° 0	5°48	10° 3	12°13	S 29
S 30	7 8 22	17°30'58	12♍35	26°37	16°53	8°20	14°19	13°43	26° 9	18°48	0°11	4°59	5°45	10°10	12°18	S 30
M31	7 12 18	18♑32'06	26♍36	25♑38	18♑ 8	9♐ 2	14♋11	13♐49	26♈ 9	18♒50	0♑13	4♌57	5♌42	10♈17	12♑24	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		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	22s57	2s27	4n52	25s42	2s12	21s45	0n19	16s58	0n20	22n29	0n12	20s38	1n28	9n43	0s32	15s52	0s24	19s16	4n14	18n49	18n30	1s19	16s53	6n17	S 1
S 2	23 2	7 25	5 7	25 42	2 13	21 58	0 16	17 10	0 20	22 30	0 12	20 39	1 28	9 42	0 32	15 52	0 24	19 16	4 13	18 50	18 31	1 17	16 53	6 17	S 2
M 3	23 7	11 59	5 2	25 41	2 14	22 11	0 14	17 22	0 19	22 31	0 12	20 40	1 28	9 42	0 32	15 51	0 24	19 17	4 13	18 52	18 31	1 15	16 52	6 17	M 3
T 4	23 12	15 51	4 39	25 38	2 14	22 22	0 11	17 33	0 18	22 32	0 12	20 41	1 28	9 42	0 32	15 51	0 24	19 17	4 13	18 54	18 32	1 13	16 52	6 17	T 4
W 5	23 16	18 43	3 58	25 33	2 14	22 33	0 9	17 45	0 18	22 33	0 12	20 42	1 28	9 41	0 32	15 50	0 24	19 17	4 13	18 55	18 33	1 11	16 52	6 17	W 5
T 6	23 19	20 26	3 4	25 27	2 13	22 43	0 7	17 56	0 17	22 34	0 12	20 43	1 28	9 41	0 32	15 50	0 24	19 17	4 13	18 57	18 34	1 8	16 52	6 17	T 6
F 7	23 22	20 54	2 0	25 19	2 12	22 53	0 4	18 7	0 17	22 35	0 13	20 44	1 27	9 40	0 32	15 50	0 24	19 17	4 13	18 58	18 35	1 6	16 51	6 17	F 7
S 8	23 25	20 11	0 51	25 10	2 10	23 2	0 2	18 19	0 16	22 36	0 13	20 45	1 27	9 40	0 32	15 49	0 24	19 17	4 13	18 59	18 35	1 4	16 51	6 17	S 8
S 9	23 27	18 25	0s18	24 59	2 7	23 10	0s 1	18 30	0 15	22 37	0 13	20 46	1 27	9 40	0 32	15 49	0 24	19 17	4 13	18 59	18 36	1 2	16 51	6 16	S 9
M10	23 28	15 48	1 26	24 47	2 4	23 18	0 3	18 40	0 15	22 38	0 13	20 47	1 27	9 40	0 32	15 48	0 24	19 17	4 13	18 58	18 37	0 59	16 50	6 16	M10
T 11	23 29	12 32	2 27	24 33	2 0	23 24	0 6	18 51	0 14	22 40	0 13	20 48	1 27	9 39	0 32	15 48	0 24	19 18	4 12	18 58	18 38	0 57	16 50	6 16	T 11
W12	23 30	8 48	3 21	24 18	1 55	23 30	0 8	19 2	0 14	22 41	0 13	20 49	1 27	9 39	0 32	15 47	0 24	19 18	4 12	18 58	18 39	0 55	16 50	6 16	W12
T 13	23 30	4 47	4 6	24 1	1 50	23 36	0 10	19 12	0 13	22 42	0 14	20 49	1 27	9 39	0 32	15 47	0 24	19 18	4 12	18 57	18 39	0 53	16 49	6 16	T 13
F 14	23 30	0 36	4 40	23 43	1 43	23 40	0 13	19 22	0 12	22 43	0 14	20 50	1 27	9 39	0 32	15 46	0 24	19 18	4 12	18 57	18 40	0 50	16 49	6 16	F 14
S 15	23 29	3n36	5 3	23 24	1 36	23 44	0 15	19 32	0 12	22 44	0 14	20 51	1 27	9 38	0 32	15 46	0 24	19 18	4 12	18 58	18 41	0 48	16 48	6 16	S 15
S 16	23 28	7 43	5 12	23 4	1 28	23 47	0 17	19 42	0 11	22 45	0 14	20 52	1 27	9 38	0 32	15 45	0 24	19 18	4 12	18 59	18 42	0 46	16 48	6 16	S 16
M17	23 26	11 35	5 7	22 43	1 18	23 50	0 20	19 52	0 10	22 46	0 14	20 53	1 27	9 38	0 32	15 45	0 24	19 18	4 12	19 0	18 43	0 44	16 47	6 16	M17
T 18	23 24	15 2	4 49	22 22	1 8	23 51	0 22	20 2	0 10	22 47	0 14	20 54	1 27	9 38	0 32	15 44	0 24	19 18	4 12	19 1	18 43	0 41	16 47	6 16	T 18
W19	23 21	17 52	4 15	22 0	0 57	23 52	0 24	20 11	0 9	22 48	0 14	20 55	1 27	9 38	0 32	15 43	0 24	19 18	4 12	19 2	18 44	0 39	16 47	6 16	W19
T 20	23 18	19 52	3 28	21 37	0 44	23 52	0 27	20 20	0 8	22 49	0 15	20 56	1 27	9 38	0 32	15 43	0 24	19 18	4 12	19 3	18 45	0 37	16 46	6 16	T 20
F 21	23 14	20 51	2 29	21 15	0 31	23 52	0 29	20 29	0 8	22 50	0 15	20 56	1 27	9 38	0 32	15 42	0 24	19 18	4 12	19 4	18 46	0 35	16 46	6 16	F 21
S 22	23 10	20 40	1 20	20 53	0 16	23 51	0 31	20 38	0 7	22 51	0 15	20 57	1 27	9 38	0 32	15 42	0 24	19 19	4 11	19 5	18 47	0 32	16 45	6 16	S 22
S 23	23 6	19 14	0 6	20 32	0 0	23 49	0 33	20 47	0 7	22 52	0 15	20 58	1 27	9 38	0 32	15 41	0 24	19 19	4 11	19 5	18 47	0 30	16 45	6 16	S 23
M24	23 1	16 39	1n10	20 12	0n17	23 46	0 36	20 56	0 6	22 53	0 15	20 59	1 27	9 38	0 32	15 41	0 24	19 19	4 11	19 5	18 48	0 28	16 44	6 16	M24
T 25	22 55	13 4	2 23	19 53	0 34	23 42	0 38	21 4	0 5	22 55	0 15	21 0	1 27	9 38	0 32	15 40	0 24	19 19	4 11	19 5	18 49	0 25	16 44	6 16	T 25
W26	22 49	8 44	3 27	19 36	0 53	23 38	0 40	21 12	0 4	22 56	0 15	21 1	1 27	9 38	0 32	15 39	0 24	19 19	4 11	19 4	18 50	0 23	16 43	6 16	W26
T 27	22 43	3 54	4 19	19 20	1 12	23 33	0 42	21 20	0 4	22 57	0 16	21 1	1 27	9 38	0 32	15 39	0 24	19 19	4 11	19 4	18 51	0 21	16 43	6 16	T 27
F 28	22 36	1s 7	4 55	19 7	1 31	23 27	0 44	21 28	0 3	22 58	0 16	21 2	1 27	9 38	0 32	15 38	0 24	19 19	4 11	19 4	18 51	0 19	16 42	6 16	F 28
S 29	22 29	6 5	5 13	18 56	1 49	23 21	0 46	21 36	0 2	22 59	0 16	21 3	1 27	9 38	0 32	15 38	0 24	19 19	4 11	19 4	18 52	0 16	16 41	6 16	S 29
S 30	22 21	10 41	5 13	18 48	2 8	23 14	0 48	21 43	0 2	23 0	0 16	21 4	1 27	9 38	0 32	15 37	0 24	19 19	4 11	19 4	18 53	0 14	16 41	6 17	S 30
M31	22s13	14s41	4n53	18s42	2n25	23s 6	0s50	21s51	0n 1	23n 1	0n16	21s 4	1n27	9n38	0s31	15s36	0s24	19s19	4n11	19n 5	18n54	0s12	16s40	6n17	M31

Julian Day Number = 2274745.5, Delta T = 256.40 sec
Ecliptic obliquity = 23°30'02, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°59'09, Lahiri = 17°06'09 Julian Calendar 1 Dec. 1515 == Greg. Calendar 11 Dec. 1515