Astrodienst Ephemeris Tables

for the year 1463

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 1463
geocentric

JANUARY 1463 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 15 37	19♉25'39	23♉42	4°R28	26♐40	23♎33	15♉36	12♒55	17°R51	26♎19	26°R11	12♊10	10♊44	13♈59	28♏26	S 1
S 2	7 19 33	20°26'44	6♊ 5	4♒13	27°55	24° 2	15°50	13° 2	17♍50	26°20	26♌10	12°R12	10°41	14° 5	28°31	S 2
M 3	7 23 30	21°27'49	18°47	3°45	29°10	24°31	16° 4	13° 9	17°49	26°20	26° 9	12°12	10°38	14°12	28°37	M 3
T 4	7 27 26	22°28'53	1♋49	3° 7	0♉25	25° 0	16°18	13°15	17°47	26°21	26° 8	12°10	10°35	14°19	28°43	T 4
W 5	7 31 23	23°29'56	15°12	2°18	1°40	25°28	16°32	13°22	17°46	26°21	26° 6	12° 6	10°31	14°25	28°48	W 5
T 6	7 35 19	24°30'59	28°56	1°20	2°55	25°56	16°47	13°29	17°45	26°22	26° 5	12° 0	10°28	14°32	28°54	T 6
F 7	7 39 16	25°32'01	12♌57	0°14	4°10	26°25	17° 1	13°36	17°44	26°22	26° 4	11°53	10°25	14°39	28°59	F 7
S 8	7 43 13	26°33'01	27°10	29♉ 2	5°25	26°53	17°15	13°43	17°43	26°23	26° 3	11°46	10°22	14°46	29° 4	S 8
S 9	7 47 9	27°34'02	11♍30	27°47	6°40	27°21	17°29	13°50	17°41	26°23	26° 1	11°39	10°19	14°52	29°10	S 9
M10	7 51 6	28°35'01	25°53	26°31	7°55	27°48	17°42	13°57	17°40	26°23	26° 0	11°33	10°16	14°59	29°15	M10
T 11	7 55 2	29°36'00	10♎12	25°16	9°10	28°16	17°56	14° 4	17°39	26°24	25°59	11°29	10°12	15° 6	29°20	T 11
W12	7 58 59	0♒36'58	24°25	24° 4	10°24	28°43	18°10	14°11	17°37	26°24	25°57	11°27	10° 9	15°12	29°25	W12
T 13	8 2 55	1°37'55	8♏30	22°57	11°39	29°10	18°24	14°19	17°36	26°24	25°56	11°D27	10° 6	15°19	29°30	T 13
F 14	8 6 52	2°38'52	22°25	21°57	12°54	29°37	18°38	14°26	17°34	26°24	25°55	11°28	10° 3	15°26	29°35	F 14
S 15	8 10 48	3°39'48	6♐12	21° 3	14° 9	0♏ 3	18°52	14°33	17°32	26°24	25°53	11°R29	10° 0	15°32	29°40	S 15
S 16	8 14 45	4°40'44	19°48	20°18	15°24	0°30	19° 6	14°40	17°31	26°24	25°52	11°29	9°57	15°39	29°44	S 16
M17	8 18 42	5°41'38	3♑15	19°42	16°39	0°56	19°20	14°47	17°29	26°25	25°50	11°27	9°53	15°46	29°49	M17
T 18	8 22 38	6°42'32	16°32	19°13	17°54	1°22	19°34	14°54	17°27	26°25	25°49	11°22	9°50	15°53	29°53	T 18
W19	8 26 35	7°43'24	29°37	18°54	19° 9	1°48	19°47	15° 1	17°25	26°R25	25°48	11°14	9°47	15°59	29°58	W19
T 20	8 30 31	8°44'15	12♒30	18°43	20°24	2°13	20° 1	15° 9	17°24	26°25	25°46	11° 4	9°44	16° 6	0♐ 2	T 20
F 21	8 34 28	9°45'05	25°10	18°D39	21°39	2°38	20°15	15°16	17°22	26°25	25°45	10°53	9°41	16°13	0° 7	F 21
S 22	8 38 24	10°45'54	7♓36	18°43	22°54	3° 3	20°28	15°23	17°20	26°24	25°43	10°42	9°37	16°19	0°11	S 22
S 23	8 42 21	11°46'41	19°50	18°54	24° 9	3°28	20°42	15°30	17°18	26°24	25°42	10°31	9°34	16°26	0°15	S 23
M24	8 46 18	12°47'26	1♈52	19°11	25°24	3°52	20°56	15°38	17°16	26°24	25°40	10°21	9°31	16°33	0°19	M24
T 25	8 50 14	13°48'10	13°46	19°34	26°39	4°16	21° 9	15°45	17°14	26°24	25°39	10°14	9°28	16°39	0°23	T 25
W26	8 54 11	14°48'52	25°36	20° 3	27°54	4°40	21°23	15°52	17°12	26°24	25°37	10°10	9°25	16°46	0°27	W26
T 27	8 58 7	15°49'33	7♉26	20°37	29° 9	5° 4	21°36	15°59	17°10	26°23	25°36	10° 8	9°22	16°53	0°30	T 27
F 28	9 2 4	16°50'12	19°21	21°15	0♒24	5°27	21°50	16° 6	17° 8	26°23	25°34	10°D 8	9°18	16°59	0°34	F 28
S 29	9 6 0	17°50'49	1♊26	21°58	1°39	5°50	22° 3	16°14	17° 6	26°23	25°33	10° 8	9°15	17° 6	0°38	S 29
S 30	9 9 57	18°51'25	13°48	22°45	2°53	6°13	22°17	16°21	17° 3	26°22	25°31	10°R 8	9°12	17°13	0°41	S 30
M31	9 13 53	19♒51'59	26♊30	23♉35	4♒ 8	6♏35	22♉30	16♒28	17♍ 1	26♎22	25♌30	10♊ 7	9♊ 9	17♈20	0♐44	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	22s 6	17n 9	1s39	18s 1	1n14	23s 0	0n28	7s27	1n52	22s47	0s12	17s58	1s 1	5n33	0n47	8s32	1n47	24n 3	11n59	22n19	22n 7	1n34	16s51	3n 6
S 2	21 57	20 51	0 33	17 46	1 32	23 4	0 25	7 37	1 52	22 46	0 12	17 56	1 1	5 33	0 48	8 32	1 47	24 4	11 59	22 19	22 7	1 37	16 52	3 6
M 3	21 48	23 38	0n36	17 34	1 51	23 8	0 23	7 47	1 52	22 44	0 12	17 54	1 1	5 34	0 48	8 32	1 47	24 4	11 59	22 19	22 6	1 40	16 52	3 7
T 4	21 38	25 14	1 44	17 26	2 9	23 10	0 20	7 58	1 52	22 42	0 12	17 52	1 1	5 34	0 48	8 32	1 47	24 5	12 0	22 19	22 6	1 43	16 53	3 7
W 5	21 27	25 27	2 49	17 20	2 26	23 13	0 17	8 8	1 53	22 41	0 12	17 50	1 1	5 35	0 48	8 32	1 47	24 6	12 0	22 19	22 5	1 46	16 54	3 8
T 6	21 17	24 7	3 46	17 17	2 42	23 14	0 15	8 18	1 53	22 39	0 12	17 48	1 1	5 35	0 48	8 33	1 47	24 6	12 0	22 18	22 5	1 49	16 55	3 8
F 7	21 6	21 17	4 30	17 17	2 57	23 15	0 12	8 28	1 53	22 37	0 12	17 46	1 1	5 36	0 48	8 33	1 47	24 7	12 1	22 17	22 5	1 52	16 55	3 9
S 8	20 54	17 9	4 58	17 19	3 9	23 14	0 9	8 38	1 53	22 36	0 12	17 44	1 1	5 36	0 48	8 33	1 47	24 8	12 1	22 16	22 4	1 55	16 56	3 9
S 9	20 43	12 0	5 8	17 24	3 20	23 14	0 7	8 48	1 53	22 34	0 12	17 42	1 1	5 37	0 48	8 33	1 47	24 8	12 1	22 15	22 4	1 58	16 57	3 10
M10	20 30	6 12	4 58	17 31	3 27	23 12	0 4	8 57	1 54	22 32	0 12	17 40	1 1	5 37	0 48	8 33	1 47	24 9	12 1	22 14	22 3	2 1	16 57	3 10
T 11	20 18	0 6	4 30	17 39	3 33	23 10	0 2	9 7	1 54	22 31	0 13	17 38	1 2	5 38	0 48	8 33	1 47	24 10	12 2	22 14	22 3	2 4	16 58	3 11
W12	20 5	5s59	3 46	17 49	3 36	23 7	0s 1	9 16	1 54	22 29	0 13	17 36	1 2	5 39	0 48	8 33	1 47	24 11	12 2	22 13	22 2	2 7	16 58	3 11
T 13	19 51	11 44	2 48	18 0	3 36	23 3	0 4	9 26	1 54	22 27	0 13	17 34	1 2	5 39	0 48	8 33	1 47	24 11	12 2	22 13	22 2	2 10	16 59	3 12
F 14	19 38	16 48	1 41	18 11	3 34	22 59	0 6	9 35	1 54	22 25	0 13	17 32	1 2	5 40	0 48	8 33	1 47	24 12	12 2	22 13	22 1	2 13	17 0	3 12
S 15	19 23	20 56	0 28	18 23	3 31	22 54	0 9	9 44	1 55	22 23	0 13	17 30	1 2	5 40	0 48	8 33	1 48	24 13	12 2	22 14	22 1	2 16	17 0	3 13
S 16	19 9	23 51	0s45	18 35	3 25	22 48	0 11	9 53	1 55	22 22	0 13	17 28	1 2	5 41	0 48	8 33	1 48	24 13	12 3	22 14	22 0	2 19	17 1	3 13
M17	18 54	25 22	1 54	18 47	3 18	22 42	0 14	10 2	1 55	22 20	0 13	17 26	1 2	5 42	0 48	8 33	1 48	24 14	12 3	22 13	22 0	2 22	17 1	3 14
T 18	18 39	25 24	2 56	18 59	3 10	22 35	0 16	10 11	1 55	22 18	0 13	17 24	1 2	5 43	0 48	8 33	1 48	24 15	12 3	22 13	21 59	2 25	17 1	3 14
W19	18 24	24 0	3 48	19 11	3 1	22 27	0 19	10 20	1 55	22 16	0 13	17 22	1 2	5 43	0 48	8 33	1 48	24 15	12 3	22 12	21 59	2 28	17 2	3 15
T 20	18 8	21 22	4 27	19 23	2 51	22 18	0 21	10 28	1 56	22 14	0 14	17 20	1 2	5 44	0 48	8 33	1 48	24 16	12 3	22 10	21 59	2 31	17 2	3 15
F 21	17 52	17 45	4 52	19 34	2 40	22 9	0 24	10 37	1 56	22 12	0 14	17 18	1 2	5 45	0 48	8 33	1 48	24 17	12 4	22 9	21 58	2 34	17 3	3 16
S 22	17 35	13 26	5 3	19 44	2 29	21 59	0 26	10 45	1 56	22 10	0 14	17 16	1 2	5 45	0 48	8 33	1 48	24 17	12 4	22 7	21 58	2 37	17 3	3 16
S 23	17 18	8 38	5 0	19 54	2 18	21 49	0 29	10 53	1 56	22 8	0 14	17 13	1 2	5 46	0 48	8 32	1 48	24 18	12 4	22 5	21 57	2 40	17 3	3 17
M24	17 1	3 35	4 43	20 3	2 6	21 38	0 31	11 1	1 56	22 6	0 14	17 11	1 2	5 47	0 48	8 32	1 48	24 19	12 4	22 4	21 57	2 44	17 4	3 17
T 25	16 44	1n33	4 14	20 12	1 54	21 26	0 33	11 9	1 56	22 4	0 14	17 9	1 2	5 48	0 48	8 32	1 48	24 19	12 4	22 3	21 56	2 47	17 4	3 18
W26	16 26	6 36	3 34	20 19	1 43	21 13	0 36	11 17	1 56	22 2	0 14	17 7	1 2	5 49	0 48	8 32	1 48	24 20	12 4	22 2	21 56	2 50	17 4	3 18
T 27	16 8	11 26	2 45	20 25	1 31	21 0	0 38	11 25	1 57	22 0	0 14	17 5	1 2	5 50	0 48	8 32	1 48	24 21	12 5	22 2	21 55	2 53	17 4	3 19
F 28	15 50	15 53	1 48	20 31	1 19	20 47	0 40	11 33	1 57	21 58	0 14	17 3	1 2	5 50	0 48	8 32	1 48	24 21	12 5	22 2	21 55	2 56	17 5	3 20
S 29	15 32	19 45	0 46	20 36	1 8	20 32	0 42	11 40	1 57	21 56	0 15	17 1	1 3	5 51	0 48	8 32	1 48	24 22	12 5	22 2	21 54	2 59	17 5	3 20
S 30	15 13	22 51	0n19	20 39	0 57	20 17	0 44	11 47	1 57	21 54	0 15	16 59	1 3	5 52	0 48	8 31	1 48	24 23	12 5	22 2	21 54	3 2	17 5	3 21
M31	14s54	24n54	1n26	20s42	0n46	20s 2	0s46	11s55	1n57	21s52	0s15	16s57	1s 3	5n53	0n48	8s31	1n49	24n23	12n 5	22n 2	21n53	3n 5	17s 5	3n21

Julian Day Number = 2255418.5, Delta T = 06m06s
Ecliptic obliquity = 23°30'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°14'54, Lahiri = 16°21'55 Julian Calendar 1 Jan. 1463 == Greg. Calendar 10 Jan. 1463

ASTRODIENST EPHEMERIS for the year 1463
geocentric

FEBRUARY 1463 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 17 50	20♒52'31	9♋37	24♑29	5♒23	6♏57	22♑43	16♒35	16°R59	26°R22	25°R28	10°R 3	9♊ 6	17♈26	0♐48	T 1
W 2	9 21 47	21°53'01	23°10	25°25	6°38	7°19	22°56	16°42	16♍57	26♎21	25♌27	9♊57	9° 3	17°33	0°51	W 2
T 3	9 25 43	22°53'30	7♌10	26°25	7°53	7°40	23°10	16°50	16°54	26°21	25°25	9°49	8°59	17°40	0°54	T 3
F 4	9 29 40	23°53'56	21°33	27°27	9° 8	8° 1	23°23	16°57	16°52	26°20	25°24	9°38	8°56	17°46	0°57	F 4
S 5	9 33 36	24°54'21	6♍13	28°32	10°23	8°22	23°36	17° 4	16°50	26°20	25°22	9°26	8°53	17°53	1° 0	S 5
S 6	9 37 33	25°54'45	21° 2	29°38	11°38	8°42	23°49	17°11	16°47	26°19	25°21	9°15	8°50	18° 0	1° 3	S 6
M 7	9 41 29	26°55'06	5♎52	0♒47	12°52	9° 3	24° 2	17°18	16°45	26°18	25°19	9° 6	8°47	18° 6	1° 5	M 7
T 8	9 45 26	27°55'27	20°34	1°58	14° 7	9°22	24°15	17°26	16°43	26°18	25°18	8°59	8°43	18°13	1° 8	T 8
W 9	9 49 22	28°55'45	5♏ 2	3°11	15°22	9°41	24°27	17°33	16°40	26°17	25°16	8°55	8°40	18°20	1°11	W 9
T 10	9 53 19	29°56'03	19°14	4°26	16°37	10° 0	24°40	17°40	16°38	26°16	25°15	8°53	8°37	18°26	1°13	T 10
F 11	9 57 15	0♓56'19	3♐ 9	5°42	17°52	10°19	24°53	17°47	16°35	26°16	25°13	8°53	8°34	18°33	1°15	F 11
S 12	10 1 12	1°56'33	16°46	7° 0	19° 7	10°37	25° 6	17°54	16°33	26°15	25°12	8°53	8°31	18°40	1°17	S 12
S 13	10 5 9	2°56'46	0♑ 7	8°20	20°21	10°55	25°18	18° 1	16°30	26°14	25°10	8°52	8°28	18°47	1°20	S 13
M14	10 9 5	3°56'58	13°14	9°41	21°36	11°12	25°31	18° 8	16°28	26°13	25° 9	8°48	8°24	18°53	1°22	M14
T 15	10 13 2	4°57'08	26° 9	11° 3	22°51	11°29	25°43	18°15	16°25	26°12	25° 7	8°42	8°21	19° 0	1°23	T 15
W16	10 16 58	5°57'16	8♒53	12°27	24° 6	11°45	25°56	18°22	16°23	26°12	25° 6	8°32	8°18	19° 7	1°25	W16
T 17	10 20 55	6°57'22	21°27	13°52	25°21	12° 1	26° 8	18°29	16°20	26°11	25° 4	8°20	8°15	19°13	1°27	T 17
F 18	10 24 51	7°57'27	3♓51	15°18	26°35	12°16	26°20	18°36	16°17	26°10	25° 3	8° 6	8°12	19°20	1°28	F 18
S 19	10 28 48	8°57'29	16° 6	16°46	27°50	12°31	26°33	18°43	16°15	26° 9	25° 1	7°51	8° 9	19°27	1°30	S 19
S 20	10 32 44	9°57'30	28°11	18°15	29° 5	12°46	26°45	18°50	16°12	26° 8	25° 0	7°37	8° 5	19°33	1°31	S 20
M21	10 36 41	10°57'28	10♈ 9	19°45	0♓20	13° 0	26°57	18°57	16°10	26° 7	24°58	7°25	8° 2	19°40	1°33	M21
T 22	10 40 38	11°57'25	22° 0	21°16	1°34	13°13	27° 9	19° 4	16° 7	26° 6	24°57	7°15	7°59	19°47	1°34	T 22
W23	10 44 34	12°57'19	3♉48	22°49	2°49	13°26	27°21	19°11	16° 5	26° 5	24°55	7° 9	7°56	19°53	1°35	W23
T 24	10 48 31	13°57'11	15°37	24°23	4° 4	13°39	27°32	19°17	16° 2	26° 3	24°54	7° 5	7°53	20° 0	1°36	T 24
F 25	10 52 27	14°57'01	27°30	25°57	5°18	13°51	27°44	19°24	15°59	26° 2	24°52	7° 3	7°49	20° 7	1°37	F 25
S 26	10 56 24	15°56'49	9♊33	27°34	6°33	14° 2	27°56	19°31	15°57	26° 1	24°51	7° 3	7°46	20°14	1°37	S 26
S 27	11 0 20	16°56'34	21°51	29°11	7°48	14°13	28° 7	19°38	15°54	26° 0	24°50	7° 3	7°43	20°20	1°38	S 27
M28	11 4 17	17♓56'18	4♋29	0♓50	9♓ 2	14♏23	28♑19	19♒44	15♍51	25♎59	24♌48	7♊ 2	7♊40	20♈27	1♐39	M28

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	14s35	25n39	2n30	20s43	0n35	19s46	0s49	12s 2	1n57	21s50	0s15	16s54	1s 3	5n54	0n48	8s31	1n49	24n24	12n 5	22n 1	21n53	3n 8	17s 5	3n22
W 2	14 15	24 55	3 27	20 43	0 24	19 29	0 51	12 9	1 57	21 48	0 15	16 52	1 3	5 55	0 48	8 31	1 49	24 25	12 5	22 1	21 52	3 11	17 5	3 22
T 3	13 56	22 38	4 14	20 42	0 14	19 12	0 52	12 16	1 57	21 46	0 15	16 50	1 3	5 56	0 48	8 30	1 49	24 25	12 5	21 59	21 52	3 14	17 5	3 23
F 4	13 36	18 52	4 46	20 40	0 4	18 54	0 54	12 22	1 57	21 44	0 15	16 48	1 3	5 57	0 49	8 30	1 49	24 26	12 5	21 58	21 51	3 17	17 5	3 24
S 5	13 15	13 54	5 0	20 36	0s 5	18 36	0 56	12 29	1 57	21 42	0 15	16 46	1 3	5 58	0 49	8 30	1 49	24 26	12 6	21 56	21 51	3 20	17 5	3 24
S 6	12 55	8 4	4 55	20 32	0 15	18 17	0 58	12 36	1 57	21 40	0 15	16 44	1 3	5 59	0 49	8 30	1 49	24 27	12 6	21 54	21 50	3 23	17 5	3 25
M 7	12 35	1 47	4 29	20 26	0 24	17 57	1 0	12 42	1 57	21 37	0 16	16 42	1 3	5 59	0 49	8 29	1 49	24 28	12 6	21 53	21 50	3 26	17 5	3 25
T 8	12 14	4s34	3 46	20 19	0 33	17 37	1 2	12 48	1 57	21 35	0 16	16 40	1 3	6 0	0 49	8 29	1 49	24 28	12 6	21 52	21 49	3 29	17 5	3 26
W 9	11 53	10 35	2 49	20 10	0 41	17 17	1 3	12 54	1 57	21 33	0 16	16 38	1 3	6 1	0 49	8 29	1 49	24 29	12 6	21 51	21 49	3 32	17 5	3 26
T 10	11 32	15 57	1 42	20 0	0 49	16 56	1 5	13 0	1 57	21 31	0 16	16 35	1 3	6 2	0 49	8 29	1 49	24 29	12 6	21 51	21 48	3 35	17 5	3 27
F 11	11 10	20 21	0 30	19 49	0 57	16 35	1 7	13 6	1 57	21 29	0 16	16 33	1 4	6 3	0 49	8 28	1 49	24 30	12 6	21 51	21 48	3 38	17 5	3 28
S 12	10 49	23 32	0s42	19 37	1 4	16 13	1 8	13 12	1 57	21 27	0 16	16 31	1 4	6 4	0 49	8 28	1 49	24 31	12 6	21 51	21 47	3 42	17 5	3 28
S 13	10 27	25 20	1 50	19 23	1 11	15 51	1 9	13 17	1 57	21 24	0 16	16 29	1 4	6 5	0 49	8 28	1 49	24 31	12 6	21 51	21 47	3 45	17 5	3 29
M14	10 5	25 41	2 51	19 8	1 18	15 28	1 11	13 23	1 57	21 22	0 16	16 27	1 4	6 6	0 49	8 27	1 49	24 32	12 6	21 50	21 46	3 48	17 4	3 29
T 15	9 43	24 37	3 42	18 52	1 25	15 5	1 12	13 28	1 57	21 20	0 17	16 25	1 4	6 7	0 49	8 27	1 49	24 32	12 6	21 49	21 46	3 51	17 4	3 30
W16	9 21	22 17	4 21	18 34	1 31	14 41	1 14	13 33	1 57	21 18	0 17	16 23	1 4	6 8	0 49	8 27	1 49	24 33	12 6	21 48	21 45	3 54	17 4	3 31
T 17	8 59	18 55	4 47	18 15	1 36	14 17	1 15	13 38	1 57	21 16	0 17	16 21	1 4	6 9	0 49	8 26	1 49	24 33	12 6	21 46	21 45	3 57	17 4	3 31
F 18	8 37	14 45	4 59	17 55	1 42	13 53	1 16	13 43	1 57	21 13	0 17	16 19	1 4	6 10	0 49	8 26	1 50	24 34	12 6	21 43	21 44	4 0	17 3	3 32
S 19	8 14	10 3	4 56	17 33	1 46	13 28	1 17	13 48	1 56	21 11	0 17	16 17	1 4	6 11	0 49	8 25	1 50	24 34	12 6	21 41	21 44	4 3	17 3	3 32
S 20	7 51	5 1	4 41	17 10	1 51	13 3	1 18	13 52	1 56	21 9	0 17	16 15	1 4	6 12	0 49	8 25	1 50	24 35	12 6	21 39	21 43	4 6	17 3	3 33
M21	7 29	0n 9	4 13	16 45	1 55	12 37	1 19	13 56	1 56	21 7	0 17	16 12	1 4	6 13	0 49	8 25	1 50	24 35	12 6	21 37	21 43	4 9	17 3	3 34
T 22	7 6	5 17	3 34	16 20	1 59	12 12	1 20	14 1	1 56	21 5	0 18	16 10	1 5	6 14	0 49	8 24	1 50	24 36	12 6	21 35	21 42	4 12	17 2	3 34
W23	6 43	10 13	2 46	15 53	2 2	11 45	1 21	14 5	1 56	21 2	0 18	16 8	1 5	6 15	0 49	8 24	1 50	24 36	12 6	21 34	21 42	4 15	17 2	3 35
T 24	6 20	14 48	1 51	15 24	2 5	11 19	1 22	14 9	1 55	21 0	0 18	16 6	1 5	6 16	0 49	8 23	1 50	24 37	12 6	21 33	21 41	4 18	17 1	3 35
F 25	5 57	18 51	0 50	14 54	2 8	10 52	1 22	14 13	1 55	20 58	0 18	16 4	1 5	6 17	0 49	8 23	1 50	24 37	12 6	21 33	21 41	4 21	17 1	3 36
S 26	5 34	22 10	0n13	14 23	2 10	10 25	1 23	14 16	1 55	20 56	0 18	16 2	1 5	6 18	0 49	8 22	1 50	24 38	12 6	21 33	21 40	4 24	17 1	3 37
S 27	5 10	24 33	1 18	13 51	2 12	9 58	1 24	14 20	1 54	20 54	0 18	16 0	1 5	6 19	0 49	8 22	1 50	24 38	12 6	21 33	21 40	4 27	17 0	3 37
M28	4s47	25n46	2n20	13s17	2s13	9s30	1s24	14s23	1n54	20s52	0s18	15s58	1s 5	6n20	0n49	8s21	1n50	24n38	12n 6	21n33	21n39	4n30	17s 0	3n38

Julian Day Number = 2255449.5, Delta T = 06m05s
Ecliptic obliquity = 23°30'36, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°14'58, Lahiri = 16°21'59 Julian Calendar 1 Feb. 1463 == Greg. Calendar 10 Feb. 1463

ASTRODIENST EPHEMERIS for the year 1463
geocentric

MARCH 1463 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 8 13	18♓55'59	17♋33	2♓29	10♓17	14♏33	28♑30	19♒51	15°R49	25°R58	24°R47	6°R59	7♊37	20♈34	1♐39	T 1
W 2	11 12 10	19°55'37	1♌ 5	4°10	11°32	14°42	28°42	19°58	15♍46	25♎56	24♌46	6♊54	7°34	20°40	1°39	W 2
T 3	11 16 7	20°55'14	15° 7	5°53	12°46	14°50	28°53	20° 4	15°44	25°55	24°44	6°46	7°30	20°47	1°39	T 3
F 4	11 20 3	21°54'48	29°38	7°36	14° 1	14°58	29° 4	20°11	15°41	25°54	24°43	6°36	7°27	20°54	1°40	F 4
S 5	11 24 0	22°54'20	14♍30	9°21	15°15	15° 5	29°15	20°17	15°38	25°53	24°42	6°25	7°24	21° 0	1°R40	S 5
S 6	11 27 56	23°53'49	29°37	11° 7	16°30	15°12	29°26	20°24	15°36	25°51	24°40	6°14	7°21	21° 7	1°40	S 6
M 7	11 31 53	24°53'17	14♎48	12°54	17°45	15°18	29°37	20°30	15°33	25°50	24°39	6° 5	7°18	21°14	1°39	M 7
T 8	11 35 49	25°52'43	29°53	14°43	18°59	15°23	29°48	20°36	15°31	25°49	24°38	5°59	7°14	21°20	1°39	T 8
W 9	11 39 46	26°52'06	14♏42	16°33	20°14	15°28	29°58	20°43	15°28	25°47	24°36	5°55	7°11	21°27	1°39	W 9
T 10	11 43 42	27°51'29	29°10	18°24	21°28	15°32	0♒ 9	20°49	15°26	25°46	24°35	5°53	7° 8	21°34	1°38	T 10
F 11	11 47 39	28°50'49	13♐15	20°16	22°43	15°35	0°19	20°55	15°23	25°44	24°34	5°D53	7° 5	21°40	1°38	F 11
S 12	11 51 36	29°50'08	26°56	22°10	23°57	15°38	0°30	21° 1	15°21	25°43	24°33	5°R53	7° 2	21°47	1°37	S 12
S 13	11 55 32	0♈49'24	10♑15	24° 6	25°12	15°39	0°40	21° 7	15°18	25°42	24°32	5°53	6°59	21°54	1°36	S 13
M14	11 59 29	1°48'39	23°15	26° 2	26°26	15°41	0°50	21°14	15°16	25°40	24°30	5°51	6°55	22° 1	1°35	M14
T 15	12 3 25	2°47'53	5♒58	28° 0	27°41	15°R41	1° 0	21°20	15°13	25°39	24°29	5°46	6°52	22° 7	1°34	T 15
W16	12 7 22	3°47'04	18°28	29°59	28°55	15°41	1°10	21°26	15°11	25°37	24°28	5°39	6°49	22°14	1°33	W16
T 17	12 11 18	4°46'13	0♓47	1♈59	0♈ 9	15°40	1°20	21°32	15° 8	25°36	24°27	5°30	6°46	22°21	1°32	T 17
F 18	12 15 15	5°45'21	12°58	4° 0	1°24	15°38	1°29	21°37	15° 6	25°34	24°26	5°19	6°43	22°27	1°31	F 18
S 19	12 19 11	6°44'26	25° 0	6° 2	2°38	15°35	1°39	21°43	15° 3	25°33	24°25	5° 7	6°40	22°34	1°29	S 19
S 20	12 23 8	7°43'30	6♈57	8° 6	3°53	15°32	1°48	21°49	15° 1	25°31	24°24	4°56	6°36	22°41	1°28	S 20
M21	12 27 5	8°42'31	18°49	10°10	5° 7	15°28	1°58	21°55	14°59	25°30	24°23	4°46	6°33	22°47	1°26	M21
T 22	12 31 1	9°41'30	0♉39	12°14	6°21	15°23	2° 7	22° 0	14°56	25°28	24°22	4°39	6°30	22°54	1°24	T 22
W23	12 34 58	10°40'28	12°27	14°20	7°36	15°17	2°16	22° 6	14°54	25°26	24°21	4°34	6°27	23° 1	1°23	W23
T 24	12 38 54	11°39'23	24°17	16°25	8°50	15°11	2°25	22°12	14°52	25°25	24°20	4°31	6°24	23° 7	1°21	T 24
F 25	12 42 51	12°38'15	6♊12	18°30	10° 4	15° 3	2°34	22°17	14°50	25°23	24°19	4°D31	6°20	23°14	1°19	F 25
S 26	12 46 47	13°37'06	18°16	20°35	11°19	14°56	2°43	22°22	14°47	25°22	24°18	4°31	6°17	23°21	1°17	S 26
S 27	12 50 44	14°35'54	0♋33	22°40	12°33	14°47	2°51	22°28	14°45	25°20	24°17	4°33	6°14	23°27	1°15	S 27
M28	12 54 40	15°34'41	13° 9	24°44	13°47	14°37	3° 0	22°33	14°43	25°19	24°16	4°R33	6°11	23°34	1°12	M28
T 29	12 58 37	16°33'24	26° 8	26°46	15° 2	14°27	3° 8	22°38	14°41	25°17	24°16	4°33	6° 8	23°41	1°10	T 29
W30	13 2 34	17°32'06	9♌34	28°47	16°16	14°16	3°16	22°43	14°39	25°15	24°15	4°31	6° 5	23°47	1° 8	W30
T 31	13 6 30	18♈30'45	23♌29	0♉46	17♈30	14♏ 4	3♒24	22♒49	14♍37	25♎14	24♌14	4♊27	6♊ 1	23♈54	1♐ 5	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	4s23	25n37	3n17	12s42	2s14	9s 3	1s25	14s26	1n54	20s49	0s18	15s56	1s 5	6n21	0n49	8s21	1n50	24n39	12n 6	21n32	21n39	4n34	16s59	3n39
W 2	4 0	23 58	4 5	12 5	2 14	8 34	1 25	14 29	1 53	20 47	0 19	15 54	1 5	6 23	0 49	8 20	1 50	24 39	12 5	21 32	21 38	4 37	16 58	3 39
T 3	3 37	20 49	4 40	11 27	2 14	8 6	1 26	14 32	1 53	20 45	0 19	15 52	1 6	6 24	0 49	8 20	1 50	24 40	12 5	21 30	21 38	4 40	16 58	3 40
F 4	3 13	16 18	4 59	10 48	2 14	7 38	1 26	14 35	1 52	20 43	0 19	15 50	1 6	6 25	0 49	8 19	1 50	24 40	12 5	21 29	21 37	4 43	16 57	3 40
S 5	2 49	10 42	4 58	10 8	2 13	7 9	1 26	14 38	1 52	20 41	0 19	15 48	1 6	6 26	0 49	8 19	1 50	24 40	12 5	21 27	21 37	4 46	16 57	3 41
S 6	2 26	4 23	4 37	9 26	2 11	6 40	1 26	14 40	1 51	20 39	0 19	15 46	1 6	6 27	0 49	8 18	1 50	24 41	12 5	21 25	21 36	4 49	16 56	3 42
M 7	2 2	2s13	3 56	8 43	2 9	6 11	1 26	14 42	1 51	20 36	0 19	15 45	1 6	6 28	0 49	8 18	1 50	24 41	12 5	21 23	21 36	4 52	16 56	3 42
T 8	1 39	8 40	2 59	7 59	2 7	5 42	1 27	14 44	1 50	20 34	0 20	15 43	1 6	6 29	0 49	8 17	1 50	24 41	12 5	21 22	21 35	4 55	16 55	3 43
W 9	1 15	14 33	1 50	7 13	2 4	5 12	1 27	14 46	1 50	20 32	0 20	15 41	1 6	6 29	0 49	8 17	1 50	24 42	12 5	21 21	21 34	4 58	16 54	3 43
T 10	0 51	19 27	0 36	6 27	2 0	4 43	1 26	14 48	1 49	20 30	0 20	15 39	1 6	6 30	0 49	8 16	1 50	24 42	12 5	21 21	21 34	5 1	16 54	3 44
F 11	0 28	23 6	0s39	5 39	1 56	4 13	1 26	14 50	1 48	20 28	0 20	15 37	1 7	6 31	0 49	8 16	1 50	24 42	12 4	21 21	21 33	5 4	16 53	3 45
S 12	0 4	25 18	1 50	4 50	1 52	3 44	1 26	14 51	1 48	20 26	0 20	15 35	1 7	6 32	0 49	8 15	1 50	24 43	12 4	21 21	21 33	5 7	16 52	3 45
S 13	0n20	25 58	2 52	3 59	1 47	3 14	1 26	14 52	1 47	20 24	0 20	15 33	1 7	6 33	0 49	8 15	1 50	24 43	12 4	21 21	21 32	5 10	16 51	3 46
M14	0 43	25 11	3 44	3 8	1 41	2 44	1 25	14 54	1 46	20 22	0 20	15 31	1 7	6 34	0 49	8 14	1 50	24 43	12 4	21 21	21 32	5 13	16 51	3 46
T 15	1 7	23 6	4 24	2 15	1 35	2 14	1 25	14 54	1 45	20 20	0 21	15 30	1 7	6 35	0 49	8 14	1 51	24 44	12 4	21 20	21 31	5 16	16 50	3 47
W16	1 31	19 56	4 50	1 22	1 29	1 44	1 25	14 55	1 44	20 18	0 21	15 28	1 7	6 36	0 49	8 13	1 51	24 44	12 4	21 19	21 31	5 19	16 49	3 48
T 17	1 54	15 56	5 3	0 27	1 22	1 13	1 24	14 56	1 43	20 16	0 21	15 26	1 7	6 37	0 49	8 12	1 51	24 44	12 4	21 17	21 30	5 22	16 48	3 48
F 18	2 18	11 20	5 1	0n28	1 14	0 43	1 24	14 56	1 42	20 14	0 21	15 24	1 8	6 38	0 49	8 12	1 51	24 44	12 3	21 15	21 30	5 26	16 47	3 49
S 19	2 41	6 21	4 46	1 24	1 6	0 13	1 23	14 56	1 41	20 12	0 21	15 22	1 8	6 39	0 49	8 11	1 51	24 44	12 3	21 13	21 29	5 29	16 47	3 49
S 20	3 4	1 11	4 18	2 21	0 57	0n17	1 22	14 57	1 40	20 10	0 21	15 21	1 8	6 40	0 49	8 11	1 51	24 45	12 3	21 11	21 29	5 32	16 46	3 50
M21	3 28	4n 1	3 39	3 18	0 48	0 48	1 21	14 56	1 39	20 8	0 22	15 19	1 8	6 41	0 48	8 10	1 51	24 45	12 3	21 9	21 28	5 35	16 45	3 50
T 22	3 51	9 3	2 51	4 15	0 39	1 18	1 21	14 56	1 38	20 6	0 22	15 17	1 8	6 42	0 48	8 10	1 51	24 45	12 3	21 8	21 28	5 38	16 44	3 51
W23	4 14	13 47	1 56	5 13	0 29	1 48	1 20	14 56	1 37	20 4	0 22	15 16	1 8	6 42	0 48	8 9	1 51	24 45	12 3	21 7	21 27	5 41	16 43	3 52
T 24	4 37	18 1	0 55	6 11	0 19	2 18	1 19	14 55	1 35	20 2	0 22	15 14	1 8	6 43	0 48	8 8	1 51	24 45	12 2	21 6	21 26	5 44	16 42	3 52
F 25	5 0	21 33	0n 9	7 9	0 8	2 49	1 18	14 54	1 34	20 0	0 22	15 12	1 9	6 44	0 48	8 8	1 51	24 45	12 2	21 6	21 26	5 47	16 41	3 53
S 26	5 23	24 13	1 13	8 6	0n 3	3 19	1 17	14 53	1 33	19 59	0 22	15 11	1 9	6 45	0 48	8 7	1 51	24 46	12 2	21 6	21 25	5 50	16 40	3 53
S 27	5 46	25 46	2 16	9 3	0 14	3 49	1 16	14 52	1 31	19 57	0 23	15 9	1 9	6 46	0 48	8 7	1 51	24 46	12 2	21 7	21 25	5 53	16 39	3 54
M28	6 9	26 4	3 13	10 0	0 25	4 19	1 14	14 51	1 30	19 55	0 23	15 7	1 9	6 47	0 48	8 6	1 51	24 46	12 2	21 7	21 24	5 56	16 38	3 54
T 29	6 32	24 57	4 2	10 55	0 36	4 49	1 13	14 49	1 28	19 53	0 23	15 6	1 9	6 47	0 48	8 5	1 51	24 46	12 1	21 7	21 24	5 59	16 37	3 55
W30	6 54	22 24	4 40	11 49	0 47	5 19	1 12	14 47	1 27	19 51	0 23	15 4	1 9	6 48	0 48	8 5	1 51	24 46	12 1	21 6	21 23	6 2	16 36	3 56
T 31	7n17	18n30	5n 3	12n41	0n58	5n48	1s11	14s45	1n25	19s50	0s23	15s 3	1s 9	6n49	0n48	8s 4	1n51	24n46	12n 1	21n 6	21n23	6n 5	16s35	3n56

Julian Day Number = 2255477.5, Delta T = 06m05s
Ecliptic obliquity = 23°30'37, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°15'02, Lahiri = 16°22'03 Julian Calendar 1 March 1463 == Greg. Calendar 10 March 1463

ASTRODIENST EPHEMERIS for the year 1463
geocentric

APRIL 1463 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 10 27	19♈29'22	7♍52	2♉43	18♈44	13°R52	3♒32	22♒54	14°R35	25°R12	24°R13	4°R21	5♊58	24♈ 1	1°R 3	F 1
S 2	13 14 23	20°27'57	22°41	4°38	19°58	13♏39	3°40	22°59	14♍33	25♎10	24♌13	4♊14	5°55	24° 7	1♐ 0	S 2
S 3	13 18 20	21°26'29	7♎48	6°29	21°13	13°25	3°47	23° 3	14°31	25° 9	24°12	4° 8	5°52	24°14	0°57	S 3
M 4	13 22 16	22°25'00	23° 5	8°18	22°27	13°11	3°55	23° 8	14°29	25° 7	24°11	4° 2	5°49	24°21	0°54	M 4
T 5	13 26 13	23°23'28	8♏20	10° 3	23°41	12°55	4° 2	23°13	14°27	25° 6	24°11	3°58	5°45	24°27	0°52	T 5
W 6	13 30 9	24°21'55	23°23	11°44	24°55	12°40	4°10	23°18	14°25	25° 4	24°10	3°56	5°42	24°34	0°49	W 6
T 7	13 34 6	25°20'21	8♐ 6	13°22	26° 9	12°23	4°17	23°22	14°24	25° 2	24° 9	3°D56	5°39	24°41	0°46	T 7
F 8	13 38 2	26°18'44	22°25	14°55	27°23	12° 6	4°24	23°27	14°22	25° 1	24° 9	3°57	5°36	24°48	0°43	F 8
S 9	13 41 59	27°17'06	6♑17	16°24	28°37	11°49	4°30	23°31	14°20	24°59	24° 8	3°58	5°33	24°54	0°39	S 9
S 10	13 45 56	28°15'27	19°43	17°49	29°51	11°30	4°37	23°36	14°19	24°57	24° 8	3°59	5°30	25° 1	0°36	S 10
M11	13 49 52	29°13'45	2♒45	19°10	1♑ 5	11°12	4°43	23°40	14°17	24°56	24° 7	4°R 0	5°26	25° 8	0°33	M11
T 12	13 53 49	0♑12'03	15°27	20°26	2°19	10°53	4°50	23°44	14°15	24°54	24° 7	3°59	5°23	25°14	0°29	T 12
W13	13 57 45	1°10'18	27°52	21°38	3°33	10°33	4°56	23°48	14°14	24°52	24° 6	3°56	5°20	25°21	0°26	W13
T 14	14 1 42	2° 8'32	10♓ 4	22°44	4°48	10°13	5° 2	23°53	14°12	24°51	24° 6	3°52	5°17	25°28	0°23	T 14
F 15	14 5 38	3° 6'45	22° 6	23°46	6° 2	9°52	5° 8	23°57	14°11	24°49	24° 6	3°47	5°14	25°34	0°19	F 15
S 16	14 9 35	4° 4'56	4♈ 1	24°43	7°16	9°32	5°13	24° 0	14°10	24°48	24° 5	3°42	5°11	25°41	0°15	S 16
S 17	14 13 31	5° 3'05	15°52	25°35	8°30	9°11	5°19	24° 4	14° 8	24°46	24° 5	3°37	5° 7	25°48	0°12	S 17
M18	14 17 28	6° 1'12	27°41	26°23	9°43	8°49	5°24	24° 8	14° 7	24°44	24° 5	3°32	5° 4	25°54	0° 8	M18
T 19	14 21 25	6°59'18	9♉30	27° 5	10°57	8°28	5°29	24°12	14° 6	24°43	24° 4	3°29	5° 1	26° 1	0° 4	T 19
W20	14 25 21	7°57'23	21°21	27°42	12°11	8° 6	5°34	24°15	14° 4	24°41	24° 4	3°27	4°58	26° 8	0° 0	W20
T 21	14 29 18	8°55'25	3♊16	28°14	13°25	7°44	5°39	24°19	14° 3	24°40	24° 4	3°D26	4°55	26°14	29♏57	T 21
F 22	14 33 14	9°53'26	15°18	28°40	14°39	7°22	5°44	24°22	14° 2	24°38	24° 4	3°27	4°51	26°21	29°53	F 22
S 23	14 37 11	10°51'25	27°30	29° 2	15°53	7° 0	5°48	24°26	14° 1	24°36	24° 4	3°28	4°48	26°28	29°49	S 23
S 24	14 41 7	11°49'23	9♋54	29°18	17° 7	6°38	5°53	24°29	14° 0	24°35	24° 4	3°30	4°45	26°34	29°45	S 24
M25	14 45 4	12°47'18	22°34	29°29	18°21	6°17	5°57	24°32	13°59	24°33	24° 3	3°31	4°42	26°41	29°41	M25
T 26	14 49 0	13°45'12	5♌33	29°35	19°35	5°55	6° 1	24°35	13°58	24°32	24° 3	3°32	4°39	26°48	29°37	T 26
W27	14 52 57	14°43'04	18°55	29°R36	20°49	5°33	6° 5	24°38	13°57	24°30	24°D 3	3°R32	4°36	26°54	29°33	W27
T 28	14 56 54	15°40'54	2♍41	29°33	22° 2	5°12	6° 8	24°41	13°56	24°29	24° 3	3°31	4°32	27° 1	29°28	T 28
F 29	15 0 50	16°38'42	16°52	29°24	23°16	4°51	6°12	24°44	13°56	24°27	24° 3	3°30	4°29	27° 8	29°24	F 29
S 30	15 4 47	17♉36'29	1♎26	29♉11	24♉30	4♏30	6♒15	24♒47	13♍55	24♎26	24♌ 4	3♊28	4♊26	27♈14	29♏20	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	7n39	13n24	5n 8	13n32	1n 9	6n18	1s 9	14s43	1n23	19s48	0s23	15s 1	1s10	6n50	0n48	8s 4	1n51	24n46	12n 1	21n 5	21n22	6n 8	16s34	3n57
S 2	8 1	7 24	4 53	14 21	1 20	6 47	1 8	14 41	1 22	19 46	0 24	15 0	1 10	6 50	0 48	8 3	1 51	24 46	12 0	21 3	21 21	6 11	16 33	3 57
S 3	8 23	0 50	4 17	15 8	1 30	7 17	1 6	14 39	1 20	19 45	0 24	14 58	1 10	6 51	0 48	8 2	1 51	24 46	12 0	21 2	21 21	6 14	16 32	3 58
M 4	8 45	5s51	3 23	15 53	1 40	7 46	1 5	14 36	1 18	19 43	0 24	14 57	1 10	6 52	0 48	8 2	1 51	24 46	12 0	21 1	21 20	6 17	16 31	3 58
T 5	9 7	12 12	2 14	16 36	1 49	8 15	1 3	14 33	1 16	19 42	0 24	14 55	1 10	6 53	0 48	8 1	1 51	24 46	12 0	21 0	21 20	6 21	16 30	3 59
W 6	9 28	17 45	0 57	17 16	1 58	8 43	1 1	14 31	1 14	19 40	0 24	14 54	1 10	6 53	0 48	8 1	1 51	24 46	11 59	21 0	21 19	6 24	16 29	3 59
T 7	9 50	22 6	0s23	17 54	2 6	9 12	1 0	14 28	1 12	19 39	0 25	14 53	1 11	6 54	0 48	8 0	1 51	24 46	11 59	21 0	21 19	6 27	16 28	4 0
F 8	10 11	24 56	1 39	18 29	2 14	9 40	0 58	14 24	1 10	19 37	0 25	14 51	1 11	6 55	0 48	7 59	1 51	24 46	11 59	21 0	21 18	6 30	16 27	4 0
S 9	10 32	26 9	2 47	19 2	2 20	10 8	0 56	14 21	1 8	19 36	0 25	14 50	1 11	6 55	0 48	7 59	1 51	24 46	11 59	21 0	21 18	6 33	16 25	4 1
S 10	10 53	25 45	3 44	19 32	2 26	10 36	0 54	14 18	1 5	19 34	0 25	14 49	1 11	6 56	0 48	7 58	1 51	24 46	11 59	21 1	21 17	6 36	16 24	4 1
M11	11 14	23 56	4 27	20 0	2 31	11 4	0 53	14 14	1 3	19 33	0 25	14 47	1 11	6 56	0 48	7 58	1 51	24 46	11 58	21 1	21 16	6 39	16 23	4 2
T 12	11 35	20 57	4 56	20 25	2 36	11 31	0 51	14 10	1 1	19 32	0 25	14 46	1 11	6 57	0 48	7 57	1 51	24 46	11 58	21 0	21 16	6 42	16 22	4 2
W13	11 55	17 6	5 10	20 47	2 39	11 58	0 49	14 6	0 59	19 30	0 26	14 45	1 12	6 58	0 48	7 56	1 51	24 46	11 58	21 0	21 15	6 45	16 21	4 3
T 14	12 15	12 36	5 10	21 7	2 41	12 25	0 47	14 2	0 56	19 29	0 26	14 44	1 12	6 58	0 48	7 56	1 51	24 46	11 57	20 59	21 15	6 48	16 20	4 3
F 15	12 35	7 41	4 56	21 24	2 43	12 52	0 45	13 58	0 54	19 28	0 26	14 43	1 12	6 59	0 48	7 55	1 51	24 46	11 57	20 58	21 14	6 51	16 18	4 4
S 16	12 55	2 32	4 30	21 38	2 43	13 18	0 43	13 54	0 51	19 27	0 26	14 42	1 12	6 59	0 48	7 55	1 51	24 45	11 57	20 57	21 14	6 54	16 17	4 4
S 17	13 15	2n42	3 52	21 51	2 42	13 44	0 41	13 50	0 49	19 25	0 26	14 40	1 12	7 0	0 48	7 54	1 51	24 45	11 57	20 56	21 13	6 57	16 16	4 4
M18	13 34	7 49	3 4	22 0	2 41	14 10	0 39	13 45	0 46	19 24	0 27	14 39	1 13	7 0	0 48	7 53	1 51	24 45	11 56	20 55	21 12	7 0	16 15	4 5
T 19	13 53	12 41	2 8	22 7	2 38	14 35	0 36	13 41	0 43	19 23	0 27	14 38	1 13	7 1	0 48	7 53	1 51	24 45	11 56	20 55	21 12	7 3	16 14	4 5
W20	14 12	17 5	1 6	22 12	2 34	15 0	0 34	13 36	0 41	19 22	0 27	14 37	1 13	7 1	0 48	7 52	1 51	24 45	11 56	20 54	21 11	7 6	16 13	4 6
T 21	14 31	20 51	0 1	22 15	2 29	15 24	0 32	13 32	0 38	19 21	0 27	14 36	1 13	7 1	0 48	7 52	1 51	24 45	11 56	20 54	21 11	7 9	16 11	4 6
F 22	14 49	23 46	1n 5	22 15	2 23	15 48	0 30	13 27	0 35	19 20	0 27	14 35	1 13	7 2	0 48	7 51	1 51	24 44	11 55	20 54	21 10	7 12	16 10	4 7
S 23	15 8	25 38	2 9	22 12	2 16	16 12	0 28	13 23	0 33	19 19	0 28	14 34	1 13	7 2	0 47	7 51	1 51	24 44	11 55	20 55	21 10	7 15	16 9	4 7
S 24	15 26	26 16	3 8	22 8	2 7	16 35	0 25	13 18	0 30	19 18	0 28	14 33	1 14	7 3	0 47	7 50	1 51	24 44	11 55	20 55	21 9	7 18	16 8	4 7
M25	15 43	25 32	3 59	22 1	1 58	16 58	0 23	13 13	0 27	19 18	0 28	14 33	1 14	7 3	0 47	7 50	1 51	24 44	11 54	20 55	21 8	7 22	16 6	4 8
T 26	16 1	23 27	4 39	21 52	1 47	17 21	0 21	13 9	0 24	19 17	0 28	14 32	1 14	7 3	0 47	7 49	1 51	24 43	11 54	20 55	21 8	7 25	16 5	4 8
W27	16 18	20 2	5 6	21 41	1 35	17 43	0 18	13 4	0 22	19 16	0 28	14 31	1 14	7 4	0 47	7 48	1 51	24 43	11 54	20 55	21 7	7 28	16 4	4 8
T 28	16 35	15 27	5 16	21 28	1 23	18 4	0 16	13 0	0 19	19 15	0 29	14 30	1 14	7 4	0 47	7 48	1 51	24 43	11 54	20 55	21 7	7 31	16 3	4 9
F 29	16 52	9 55	5 7	21 12	1 9	18 25	0 14	12 56	0 16	19 15	0 29	14 29	1 15	7 4	0 47	7 47	1 51	24 43	11 53	20 55	21 6	7 34	16 2	4 9
S 30	17n 8	3n42	4n39	20n55	0n55	18n46	0s11	12s51	0n13	19s14	0s29	14s29	1s15	7n 4	0n47	7s47	1n51	24n42	11n53	20n55	21n 5	7n37	16s 0	4n 9

Julian Day Number = 2255508.5, Delta T = 06m05s
Ecliptic obliquity = 23°30'37, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°15'06, Lahiri = 16°22'07 Julian Calendar 1 Apr. 1463 == Greg. Calendar 10 Apr. 1463

ASTRODIENST EPHEMERIS for the year 1463
geocentric

MAY 1463 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 8 43	18♉34'14	16♎19	28°R54	25♉44	4°R10	6♒18	24♒49	13°R54	24°R24	24♌ 4	3°R26	4♊23	27♈21	29°R16	S 1
M 2	15 12 40	19°31'57	1♏24	28♉33	26°58	3♏50	6°21	24°52	13♍54	24♎23	24° 4	3♊25	4°20	27°28	29♏12	M 2
T 3	15 16 36	20°29'39	16°33	28° 9	28°11	3°30	6°24	24°54	13°53	24°21	24° 4	3°24	4°17	27°34	29° 7	T 3
W 4	15 20 33	21°27'19	1♐35	27°42	29°25	3°11	6°26	24°57	13°52	24°20	24° 4	3°D23	4°13	27°41	29° 3	W 4
T 5	15 24 29	22°24'58	16°23	27°12	0♊39	2°52	6°29	24°59	13°52	24°19	24° 4	3°24	4°10	27°48	28°59	T 5
F 6	15 28 26	23°22'36	0♑49	26°40	1°53	2°34	6°31	25° 1	13°52	24°17	24° 5	3°24	4° 7	27°54	28°55	F 6
S 7	15 32 23	24°20'13	14°50	26° 7	3° 6	2°16	6°33	25° 3	13°51	24°16	24° 5	3°25	4° 4	28° 1	28°50	S 7
S 8	15 36 19	25°17'49	28°25	25°33	4°20	1°59	6°35	25° 5	13°51	24°15	24° 5	3°26	4° 1	28° 8	28°46	S 8
M 9	15 40 16	26°15'24	11♒34	24°59	5°34	1°42	6°36	25° 7	13°51	24°13	24° 5	3°26	3°57	28°14	28°42	M 9
T 10	15 44 12	27°12'58	24°19	24°25	6°47	1°26	6°38	25° 9	13°50	24°12	24° 6	3°R27	3°54	28°21	28°37	T 10
W11	15 48 9	28°10'31	6♓45	23°52	8° 1	1°11	6°39	25°11	13°50	24°11	24° 6	3°26	3°51	28°28	28°33	W11
T 12	15 52 5	29° 8'03	18°56	23°21	9°15	0°56	6°40	25°12	13°50	24° 9	24° 7	3°26	3°48	28°34	28°29	T 12
F 13	15 56 2	0♊ 5'34	0♈55	22°52	10°28	0°43	6°41	25°14	13°D50	24° 8	24° 7	3°26	3°45	28°41	28°24	F 13
S 14	15 59 58	1° 3'05	12°47	22°25	11°42	0°29	6°42	25°15	13°50	24° 7	24° 8	3°25	3°42	28°48	28°20	S 14
S 15	16 3 55	2° 0'34	24°35	22° 1	12°55	0°17	6°42	25°16	13°50	24° 6	24° 8	3°25	3°38	28°54	28°16	S 15
M16	16 7 52	2°58'03	6♉24	21°40	14° 9	0° 5	6°43	25°18	13°50	24° 4	24° 9	3°D25	3°35	29° 1	28°11	M16
T 17	16 11 48	3°55'30	18°16	21°23	15°23	29♎55	6°R43	25°19	13°51	24° 3	24° 9	3°25	3°32	29° 8	28° 7	T 17
W18	16 15 45	4°52'57	0♊14	21°10	16°36	29°45	6°43	25°20	13°51	24° 2	24°10	3°R25	3°29	29°14	28° 3	W18
T 19	16 19 41	5°50'23	12°19	21° 1	17°50	29°35	6°42	25°21	13°51	24° 1	24°10	3°25	3°26	29°21	27°58	T 19
F 20	16 23 38	6°47'48	24°33	20°56	19° 3	29°27	6°42	25°22	13°51	24° 0	24°11	3°25	3°23	29°28	27°54	F 20
S 21	16 27 34	7°45'12	6♋59	20°D56	20°17	29°19	6°41	25°22	13°52	23°59	24°12	3°25	3°19	29°35	27°50	S 21
S 22	16 31 31	8°42'35	19°37	21° 0	21°31	29°12	6°40	25°23	13°52	23°58	24°12	3°24	3°16	29°41	27°46	S 22
M23	16 35 28	9°39'58	2♌30	21° 9	22°44	29° 7	6°39	25°24	13°53	23°57	24°13	3°23	3°13	29°48	27°42	M23
T 24	16 39 24	10°37'19	15°38	21°22	23°58	29° 1	6°38	25°24	13°53	23°56	24°14	3°23	3°10	29°55	27°37	T 24
W25	16 43 21	11°34'38	29° 4	21°39	25°11	28°57	6°37	25°24	13°54	23°55	24°15	3°22	3° 7	0♉ 1	27°33	W25
T 26	16 47 17	12°31'57	12♍47	22° 1	26°25	28°54	6°35	25°25	13°54	23°54	24°16	3°D22	3° 3	0° 8	27°29	T 26
F 27	16 51 14	13°29'15	26°49	22°28	27°38	28°51	6°33	25°25	13°55	23°53	24°16	3°22	3° 0	0°15	27°25	F 27
S 28	16 55 10	14°26'32	11♎ 7	22°59	28°52	28°49	6°31	25°R25	13°56	23°52	24°17	3°23	2°57	0°21	27°21	S 28
S 29	16 59 7	15°23'48	25°40	23°34	0♋ 5	28°48	6°29	25°25	13°57	23°51	24°18	3°24	2°54	0°28	27°17	S 29
M30	17 3 3	16°21'03	10♏24	24°13	1°19	28°D48	6°27	25°25	13°58	23°50	24°19	3°25	2°51	0°35	27°13	M30
T 31	17 7 0	17♊18'17	25♏12	24♉57	2♋32	28♎49	6♒24	25♒24	13♍58	23♎49	24♌20	3♊25	2♊48	0♉41	27♏ 9	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	17n24	2s52	3n52	20n37	0n39	19n 6	0s 9	12s47	0n10	19s14	0s29	14s28	1s15	7n 5	0n47	7s46	1n51	24n42	11n53	20n54	21n 5	7n40	15s59	4n10
M 2	17 40	9 22	2 48	20 17	0 23	19 26	0 7	12 43	0 7	19 13	0 30	14 27	1 15	7 5	0 47	7 46	1 51	24 42	11 53	20 54	21 4	7 43	15 58	4 10
T 3	17 56	15 22	1 32	19 55	0 7	19 45	0 4	12 39	0 5	19 13	0 30	14 27	1 15	7 5	0 47	7 45	1 51	24 41	11 52	20 54	21 4	7 46	15 57	4 10
W 4	18 11	20 23	0 10	19 32	0s10	20 3	0 2	12 35	0 2	19 12	0 30	14 26	1 16	7 5	0 47	7 45	1 51	24 41	11 52	20 54	21 3	7 49	15 56	4 11
T 5	18 26	24 0	1s11	19 9	0 28	20 21	0n 1	12 31	0s 1	19 12	0 30	14 25	1 16	7 5	0 47	7 44	1 51	24 41	11 52	20 54	21 3	7 52	15 54	4 11
F 6	18 40	25 57	2 26	18 44	0 45	20 39	0 3	12 27	0 4	19 11	0 30	14 25	1 16	7 5	0 47	7 44	1 51	24 40	11 51	20 54	21 2	7 55	15 53	4 11
S 7	18 55	26 10	3 30	18 20	1 3	20 56	0 5	12 24	0 7	19 11	0 31	14 24	1 16	7 5	0 47	7 43	1 50	24 40	11 51	20 54	21 1	7 58	15 52	4 12
S 8	19 9	24 47	4 20	17 55	1 20	21 12	0 8	12 21	0 9	19 11	0 31	14 24	1 16	7 6	0 47	7 43	1 50	24 40	11 51	20 54	21 1	8 1	15 51	4 12
M 9	19 22	22 5	4 55	17 30	1 37	21 28	0 10	12 17	0 12	19 11	0 31	14 23	1 17	7 6	0 47	7 42	1 50	24 39	11 51	20 54	21 0	8 4	15 50	4 12
T 10	19 36	18 22	5 13	17 6	1 53	21 43	0 13	12 14	0 15	19 10	0 31	14 23	1 17	7 6	0 47	7 42	1 50	24 39	11 50	20 54	21 0	8 7	15 48	4 12
W11	19 49	13 57	5 17	16 42	2 9	21 58	0 15	12 12	0 18	19 10	0 31	14 22	1 17	7 6	0 47	7 42	1 50	24 39	11 50	20 54	20 59	8 10	15 47	4 13
T 12	20 1	9 5	5 6	16 20	2 24	22 11	0 18	12 9	0 20	19 10	0 32	14 22	1 17	7 6	0 47	7 41	1 50	24 38	11 50	20 54	20 58	8 13	15 46	4 13
F 13	20 14	3 56	4 42	15 59	2 39	22 25	0 20	12 7	0 23	19 10	0 32	14 22	1 17	7 6	0 47	7 41	1 50	24 38	11 49	20 54	20 58	8 16	15 45	4 13
S 14	20 26	1n18	4 6	15 39	2 52	22 37	0 22	12 5	0 25	19 10	0 32	14 22	1 18	7 6	0 47	7 40	1 50	24 37	11 49	20 54	20 57	8 19	15 44	4 13
S 15	20 37	6 28	3 19	15 21	3 4	22 49	0 25	12 3	0 28	19 10	0 32	14 21	1 18	7 6	0 47	7 40	1 50	24 37	11 49	20 54	20 57	8 22	15 43	4 14
M16	20 49	11 25	2 24	15 5	3 15	23 1	0 27	12 1	0 31	19 11	0 33	14 21	1 18	7 5	0 47	7 39	1 50	24 36	11 49	20 54	20 56	8 25	15 41	4 14
T 17	21 0	15 59	1 23	14 51	3 25	23 12	0 29	11 59	0 33	19 11	0 33	14 21	1 18	7 5	0 47	7 39	1 50	24 36	11 48	20 54	20 55	8 28	15 40	4 14
W18	21 10	19 58	0 18	14 40	3 34	23 22	0 32	11 58	0 36	19 11	0 33	14 21	1 18	7 5	0 46	7 39	1 50	24 35	11 48	20 54	20 55	8 31	15 39	4 14
T 19	21 21	23 9	0n49	14 30	3 41	23 31	0 34	11 57	0 38	19 11	0 33	14 21	1 19	7 5	0 46	7 38	1 50	24 35	11 48	20 54	20 54	8 34	15 38	4 14
F 20	21 31	25 18	1 55	14 23	3 48	23 40	0 36	11 56	0 40	19 12	0 34	14 20	1 19	7 5	0 46	7 38	1 50	24 35	11 47	20 54	20 54	8 37	15 37	4 14
S 21	21 40	26 15	2 56	14 18	3 53	23 48	0 39	11 56	0 43	19 12	0 34	14 20	1 19	7 5	0 46	7 38	1 50	24 34	11 47	20 54	20 53	8 40	15 36	4 15
S 22	21 49	25 51	3 49	14 15	3 57	23 55	0 41	11 56	0 45	19 12	0 34	14 20	1 19	7 4	0 46	7 37	1 50	24 34	11 47	20 54	20 52	8 44	15 35	4 15
M23	21 58	24 5	4 32	14 15	4 0	24 2	0 43	11 56	0 47	19 13	0 34	14 20	1 19	7 4	0 46	7 37	1 50	24 33	11 47	20 54	20 52	8 47	15 34	4 15
T 24	22 6	21 0	5 2	14 16	4 1	24 8	0 45	11 56	0 50	19 13	0 34	14 20	1 20	7 4	0 46	7 37	1 50	24 33	11 46	20 54	20 51	8 50	15 33	4 15
W25	22 14	16 46	5 16	14 20	4 2	24 13	0 48	11 56	0 52	19 14	0 35	14 21	1 20	7 4	0 46	7 36	1 50	24 32	11 46	20 53	20 50	8 53	15 32	4 15
T 26	22 22	11 35	5 13	14 26	4 1	24 17	0 50	11 57	0 54	19 15	0 35	14 21	1 20	7 3	0 46	7 36	1 50	24 31	11 46	20 53	20 50	8 56	15 31	4 15
F 27	22 29	5 43	4 51	14 35	4 0	24 21	0 52	11 58	0 56	19 15	0 35	14 21	1 20	7 3	0 46	7 36	1 50	24 31	11 46	20 53	20 49	8 59	15 30	4 15
S 28	22 36	0s34	4 11	14 45	3 57	24 24	0 54	12 0	0 58	19 16	0 35	14 21	1 20	7 3	0 46	7 35	1 50	24 30	11 45	20 54	20 49	9 2	15 29	4 16
S 29	22 42	6 56	3 14	14 56	3 54	24 27	0 56	12 1	1 0	19 17	0 36	14 21	1 21	7 2	0 46	7 35	1 50	24 30	11 45	20 54	20 48	9 5	15 28	4 16
M30	22 48	13 1	2 4	15 10	3 50	24 28	0 58	12 3	1 2	19 18	0 36	14 21	1 21	7 2	0 46	7 35	1 50	24 29	11 45	20 54	20 47	9 8	15 27	4 16
T 31	22n54	18s23	0n45	15n25	3s45	24n29	1n 0	12s 5	1s 4	19s19	0s36	14s22	1s21	7n 2	0n46	7s34	1n50	24n29	11n45	20n54	20n47	9n11	15s26	4n16

Julian Day Number = 2255538.5, Delta T = 06m05s
Ecliptic obliquity = 23°30'36, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°15'11, Lahiri = 16°22'11 Julian Calendar 1 May 1463 == Greg. Calendar 10 May 1463

ASTRODIENST EPHEMERIS for the year 1463
geocentric

JUNE 1463 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 10 57	18♊15'31	9♐58	25♉44	3♋45	28♎50	6°R21	25°R24	13♍59	23°R48	24♌21	3°R25	2♊44	0♉48	27°R 5	W 1
T 2	17 14 53	19°12'44	24°35	26°36	4°59	28°53	6♒18	25♒24	14° 0	23♎48	24°22	3♊24	2°41	0°55	27♏ 2	T 2
F 3	17 18 50	20° 9'57	8♑57	27°31	6°12	28°56	6°15	25°23	14° 2	23°47	24°23	3°23	2°38	1° 1	26°58	F 3
S 4	17 22 46	21° 7'09	22°58	28°30	7°26	28°59	6°12	25°22	14° 3	23°46	24°24	3°21	2°35	1° 8	26°54	S 4
S 5	17 26 43	22° 4'22	6♒35	29°34	8°39	29° 4	6° 9	25°22	14° 4	23°46	24°25	3°18	2°32	1°15	26°51	S 5
M 6	17 30 39	23° 1'33	19°48	0♊40	9°52	29° 9	6° 5	25°21	14° 5	23°45	24°26	3°16	2°29	1°21	26°47	M 6
T 7	17 34 36	23°58'45	2♓37	1°51	11° 6	29°15	6° 1	25°20	14° 6	23°44	24°27	3°14	2°25	1°28	26°43	T 7
W 8	17 38 32	24°55'57	15° 6	3° 5	12°19	29°22	5°57	25°19	14° 8	23°44	24°29	3°13	2°22	1°35	26°40	W 8
T 9	17 42 29	25°53'08	27°18	4°23	13°32	29°30	5°53	25°18	14° 9	23°43	24°30	3°D12	2°19	1°41	26°36	T 9
F 10	17 46 26	26°50'20	9♈17	5°44	14°46	29°38	5°49	25°17	14°10	23°43	24°31	3°13	2°16	1°48	26°33	F 10
S 11	17 50 22	27°47'31	21° 9	7° 9	15°59	29°47	5°44	25°15	14°12	23°42	24°32	3°14	2°13	1°55	26°30	S 11
S 12	17 54 19	28°44'43	2♉58	8°37	17°12	29°57	5°40	25°14	14°13	23°42	24°34	3°16	2° 9	2° 1	26°27	S 12
M13	17 58 15	29°41'55	14°48	10° 9	18°25	0♏ 7	5°35	25°12	14°15	23°41	24°35	3°17	2° 6	2° 8	26°23	M13
T 14	18 2 12	0♋39'06	26°44	11°44	19°39	0°18	5°30	25°11	14°17	23°41	24°36	3°18	2° 3	2°15	26°20	T 14
W15	18 6 8	1°36'18	8♊50	13°22	20°52	0°30	5°25	25° 9	14°18	23°40	24°37	3°R18	2° 0	2°21	26°17	W15
T 16	18 10 5	2°33'30	21° 6	15° 4	22° 5	0°42	5°20	25° 7	14°20	23°40	24°39	3°17	1°57	2°28	26°14	T 16
F 17	18 14 1	3°30'42	3♋36	16°49	23°18	0°55	5°14	25° 5	14°22	23°40	24°40	3°14	1°54	2°35	26°11	F 17
S 18	18 17 58	4°27'54	16°21	18°37	24°32	1° 9	5° 9	25° 3	14°23	23°39	24°41	3°10	1°50	2°41	26° 9	S 18
S 19	18 21 55	5°25'06	29°20	20°27	25°45	1°23	5° 3	25° 1	14°25	23°39	24°43	3° 6	1°47	2°48	26° 6	S 19
M20	18 25 51	6°22'18	12♌34	22°21	26°58	1°38	4°57	24°59	14°27	23°39	24°44	3° 0	1°44	2°55	26° 3	M20
T 21	18 29 48	7°19'30	26° 1	24°17	28°11	1°54	4°51	24°57	14°29	23°39	24°46	2°55	1°41	3° 1	26° 1	T 21
W22	18 33 44	8°16'41	9♍40	26°16	29°24	2°10	4°45	24°55	14°31	23°38	24°47	2°51	1°38	3° 8	25°58	W22
T 23	18 37 41	9°13'53	23°30	28°17	0♌38	2°27	4°39	24°52	14°33	23°38	24°49	2°49	1°35	3°15	25°56	T 23
F 24	18 41 37	10°11'04	7♎30	0♋20	1°51	2°44	4°32	24°50	14°35	23°38	24°50	2°D48	1°31	3°21	25°53	F 24
S 25	18 45 34	11° 8'15	21°39	2°25	3° 4	3° 2	4°26	24°47	14°37	23°38	24°52	2°48	1°28	3°28	25°51	S 25
S 26	18 49 30	12° 5'27	5♏55	4°31	4°17	3°20	4°19	24°45	14°40	23°38	24°53	2°49	1°25	3°34	25°49	S 26
M27	18 53 27	13° 2'38	20°16	6°38	5°30	3°39	4°13	24°42	14°42	23°D38	24°55	2°51	1°22	3°41	25°47	M27
T 28	18 57 24	13°59'49	4♐39	8°46	6°43	3°59	4° 6	24°39	14°44	23°38	24°56	2°R51	1°19	3°48	25°45	T 28
W29	19 1 20	14°57'01	19° 1	10°54	7°56	4°19	3°59	24°36	14°46	23°38	24°58	2°50	1°15	3°54	25°43	W29
T 30	19 5 17	15♋54'13	3♑16	13♋ 3	9♌ 9	4♏39	3♒52	24♒33	14♍49	23♎38	25♌ 0	2♊47	1♊12	4♉ 1	25♏41	T 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
W 1	22n59	22s36	0s36	15n42	3s39	24n29	1n 2	12s 7	1s 6	19s19	0s36	14s22	1s21	7n 1	0n46	7s34	1n49	24n28	11n44	20n54	20n46	9n14	15s25	4n16
T 2	23 4	25 18	1 54	16 0	3 33	24 29	1 4	12 10	1 8	19 20	0 36	14 22	1 21	7 1	0 46	7 34	1 49	24 28	11 44	20 54	20 46	9 17	15 24	4 16
F 3	23 9	26 16	3 4	16 20	3 25	24 27	1 6	12 13	1 10	19 21	0 37	14 23	1 22	7 0	0 46	7 34	1 49	24 27	11 44	20 54	20 45	9 20	15 23	4 16
S 4	23 13	25 30	4 1	16 40	3 18	24 25	1 7	12 16	1 12	19 22	0 37	14 23	1 22	7 0	0 46	7 34	1 49	24 26	11 44	20 53	20 44	9 23	15 22	4 16
S 5	23 16	23 14	4 42	17 2	3 9	24 23	1 9	12 19	1 13	19 23	0 37	14 24	1 22	6 59	0 46	7 33	1 49	24 26	11 43	20 53	20 44	9 26	15 21	4 16
M 6	23 20	19 46	5 7	17 25	3 0	24 19	1 11	12 22	1 15	19 25	0 37	14 24	1 22	6 59	0 46	7 33	1 49	24 25	11 43	20 52	20 43	9 29	15 20	4 16
T 7	23 22	15 28	5 15	17 48	2 51	24 15	1 13	12 26	1 17	19 26	0 38	14 25	1 22	6 58	0 46	7 33	1 49	24 25	11 43	20 52	20 42	9 32	15 20	4 16
W 8	23 25	10 37	5 9	18 13	2 41	24 10	1 14	12 30	1 18	19 27	0 38	14 25	1 23	6 58	0 46	7 33	1 49	24 24	11 43	20 52	20 42	9 35	15 19	4 16
T 9	23 27	5 29	4 48	18 37	2 30	24 5	1 16	12 34	1 20	19 28	0 38	14 26	1 23	6 57	0 46	7 33	1 49	24 23	11 42	20 52	20 41	9 38	15 18	4 16
F 10	23 28	0 13	4 15	19 2	2 19	23 58	1 17	12 39	1 21	19 29	0 38	14 26	1 23	6 57	0 45	7 32	1 49	24 23	11 42	20 52	20 41	9 41	15 17	4 16
S 11	23 29	5n 0	3 32	19 28	2 8	23 51	1 19	12 43	1 23	19 31	0 38	14 27	1 23	6 56	0 45	7 32	1 49	24 22	11 42	20 52	20 40	9 44	15 17	4 16
S 12	23 30	10 3	2 39	19 53	1 57	23 44	1 20	12 48	1 24	19 32	0 39	14 28	1 23	6 55	0 45	7 32	1 49	24 21	11 42	20 52	20 39	9 47	15 16	4 16
M13	23 31	14 44	1 40	20 18	1 45	23 35	1 22	12 53	1 26	19 34	0 39	14 28	1 24	6 55	0 45	7 32	1 49	24 21	11 42	20 53	20 39	9 50	15 15	4 16
T 14	23 31	18 54	0 36	20 43	1 33	23 26	1 23	12 58	1 27	19 35	0 39	14 29	1 24	6 54	0 45	7 32	1 49	24 20	11 41	20 53	20 38	9 53	15 14	4 16
W15	23 30	22 20	0n30	21 8	1 21	23 16	1 24	13 4	1 29	19 36	0 39	14 30	1 24	6 53	0 45	7 32	1 49	24 19	11 41	20 53	20 37	9 56	15 14	4 16
T 16	23 29	24 48	1 36	21 32	1 9	23 6	1 25	13 9	1 30	19 38	0 40	14 30	1 24	6 53	0 45	7 32	1 49	24 19	11 41	20 52	20 37	9 59	15 13	4 16
F 17	23 28	26 6	2 38	21 55	0 57	22 55	1 27	13 15	1 31	19 39	0 40	14 31	1 24	6 52	0 45	7 32	1 49	24 18	11 41	20 52	20 36	10 2	15 13	4 16
S 18	23 26	26 3	3 34	22 17	0 44	22 43	1 28	13 21	1 33	19 41	0 40	14 32	1 25	6 51	0 45	7 32	1 49	24 17	11 41	20 51	20 35	10 5	15 12	4 16
S 19	23 24	24 35	4 19	22 38	0 32	22 31	1 29	13 27	1 34	19 43	0 40	14 33	1 25	6 51	0 45	7 32	1 49	24 17	11 40	20 50	20 35	10 8	15 11	4 16
M20	23 21	21 45	4 52	22 57	0 20	22 17	1 30	13 34	1 35	19 44	0 40	14 34	1 25	6 50	0 45	7 32	1 48	24 16	11 40	20 49	20 34	10 11	15 11	4 16
T 21	23 18	17 44	5 9	23 15	0 8	22 4	1 31	13 40	1 36	19 46	0 41	14 35	1 25	6 49	0 45	7 32	1 48	24 15	11 40	20 48	20 34	10 14	15 10	4 16
W22	23 15	12 44	5 9	23 31	0n 3	21 49	1 31	13 47	1 37	19 48	0 41	14 36	1 25	6 48	0 45	7 32	1 48	24 15	11 40	20 48	20 33	10 17	15 10	4 15
T 23	23 11	7 3	4 51	23 44	0 14	21 34	1 32	13 54	1 39	19 49	0 41	14 37	1 26	6 47	0 45	7 32	1 48	24 14	11 40	20 47	20 32	10 20	15 9	4 15
F 24	23 7	0 56	4 16	23 56	0 25	21 19	1 33	14 1	1 40	19 51	0 41	14 38	1 26	6 47	0 45	7 32	1 48	24 13	11 39	20 47	20 32	10 23	15 9	4 15
S 25	23 3	5s17	3 25	24 5	0 35	21 3	1 33	14 8	1 41	19 53	0 41	14 39	1 26	6 46	0 45	7 32	1 48	24 13	11 39	20 47	20 31	10 26	15 9	4 15
S 26	22 58	11 19	2 21	24 11	0 45	20 46	1 34	14 15	1 42	19 54	0 42	14 40	1 26	6 45	0 45	7 32	1 48	24 12	11 39	20 47	20 30	10 29	15 8	4 15
M27	22 52	16 46	1 8	24 15	0 54	20 29	1 34	14 23	1 43	19 56	0 42	14 41	1 26	6 44	0 45	7 32	1 48	24 11	11 39	20 47	20 30	10 32	15 8	4 15
T 28	22 46	21 18	0s10	24 16	1 3	20 11	1 35	14 31	1 44	19 58	0 42	14 42	1 27	6 43	0 45	7 32	1 48	24 11	11 39	20 47	20 29	10 35	15 7	4 15
W29	22 40	24 30	1 27	24 14	1 11	19 52	1 35	14 38	1 45	20 0	0 42	14 43	1 27	6 42	0 45	7 32	1 48	24 10	11 39	20 47	20 28	10 38	15 7	4 15
T 30	22n34	26s 5	2s37	24n10	1n18	19n33	1n36	14s46	1s46	20s 2	0s42	14s44	1s27	6n41	0n45	7s32	1n48	24n 9	11n39	20n47	20n28	10n41	15s 7	4n15

Julian Day Number = 2255569.5, Delta T = 06m05s
Ecliptic obliquity = 23°30'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°15'15, Lahiri = 16°22'15 Julian Calendar 1 June 1463 == Greg. Calendar 10 June 1463

ASTRODIENST EPHEMERIS for the year 1463
geocentric

JULY 1463 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 9 13	16♋51'25	17♉21	15♋12	10♌22	5♏ 0	3°R45	24°R30	14♍51	23♎38	25♌ 1	2°R42	1♊ 9	4♉ 8	25°R39	F 1
S 2	19 13 10	17°48'38	1♒10	17°20	11°35	5°22	3♒38	24♒27	14°53	23°38	25° 3	2♊36	1° 6	4°14	25♏38	S 2
S 3	19 17 6	18°45'51	14°40	19°28	12°48	5°43	3°31	24°24	14°56	23°39	25° 5	2°28	1° 3	4°21	25°36	S 3
M 4	19 21 3	19°43'05	27°50	21°35	14° 1	6° 6	3°23	24°21	14°58	23°39	25° 6	2°21	1° 0	4°28	25°35	M 4
T 5	19 25 0	20°40'19	10♓38	23°41	15°14	6°29	3°16	24°18	15° 1	23°39	25° 8	2°14	0°56	4°34	25°33	T 5
W 6	19 28 56	21°37'34	23° 7	25°46	16°27	6°52	3° 9	24°14	15° 3	23°39	25°10	2° 8	0°53	4°41	25°32	W 6
T 7	19 32 53	22°34'50	5♈19	27°50	17°40	7°16	3° 1	24°11	15° 6	23°40	25°12	2° 5	0°50	4°48	25°31	T 7
F 8	19 36 49	23°32'07	17°19	29°52	18°53	7°40	2°54	24° 7	15° 9	23°40	25°13	2° 3	0°47	4°54	25°30	F 8
S 9	19 40 46	24°29'25	29°11	1♌53	20° 6	8° 5	2°46	24° 4	15°11	23°40	25°15	2°D 3	0°44	5° 1	25°29	S 9
S 10	19 44 42	25°26'44	11♉ 0	3°52	21°18	8°30	2°38	24° 0	15°14	23°41	25°17	2° 4	0°41	5° 8	25°28	S 10
M11	19 48 39	26°24'04	22°52	5°50	22°31	8°55	2°31	23°56	15°17	23°41	25°19	2° 5	0°37	5°14	25°27	M11
T 12	19 52 35	27°21'25	4♊51	7°47	23°44	9°21	2°23	23°53	15°20	23°42	25°20	2°R 5	0°34	5°21	25°26	T 12
W13	19 56 32	28°18'46	17° 2	9°41	24°57	9°47	2°15	23°49	15°22	23°42	25°22	2° 4	0°31	5°28	25°26	W13
T 14	20 0 29	29°16'09	29°29	11°34	26°10	10°14	2° 7	23°45	15°25	23°43	25°24	2° 0	0°28	5°34	25°25	T 14
F 15	20 4 25	0♌13'33	12♋14	13°26	27°22	10°41	2° 0	23°41	15°28	23°43	25°26	1°55	0°25	5°41	25°25	F 15
S 16	20 8 22	1°10'58	25°18	15°15	28°35	11° 8	1°52	23°37	15°31	23°44	25°28	1°47	0°21	5°48	25°24	S 16
S 17	20 12 18	2° 8'24	8♌40	17° 3	29°48	11°36	1°44	23°33	15°34	23°44	25°30	1°37	0°18	5°54	25°24	S 17
M18	20 16 15	3° 5'51	22°19	18°50	1♍ 0	12° 4	1°36	23°29	15°37	23°45	25°31	1°27	0°15	6° 1	25°24	M18
T 19	20 20 11	4° 3'19	6♍11	20°35	2°13	12°32	1°28	23°25	15°40	23°46	25°33	1°18	0°12	6° 8	25°D24	T 19
W20	20 24 8	5° 0'47	20°12	22°18	3°26	13° 1	1°21	23°21	15°43	23°47	25°35	1°10	0° 9	6°14	25°24	W20
T 21	20 28 4	5°58'16	4♎19	24° 0	4°38	13°30	1°13	23°17	15°46	23°47	25°37	1° 4	0° 6	6°21	25°24	T 21
F 22	20 32 1	6°55'46	18°29	25°40	5°51	14° 0	1° 5	23°12	15°49	23°48	25°39	1° 0	0° 2	6°28	25°24	F 22
S 23	20 35 58	7°53'17	2♏38	27°18	7° 3	14°30	0°57	23° 8	15°53	23°49	25°41	0°D59	29♉59	6°34	25°25	S 23
S 24	20 39 54	8°50'48	16°46	28°55	8°16	15° 0	0°50	23° 4	15°56	23°50	25°43	0°59	29°56	6°41	25°25	S 24
M25	20 43 51	9°48'21	0♐52	0♍30	9°28	15°30	0°42	23° 0	15°59	23°51	25°45	0°R59	29°53	6°48	25°26	M25
T 26	20 47 47	10°45'54	14°54	2° 4	10°41	16° 1	0°34	22°55	16° 2	23°52	25°47	0°59	29°50	6°54	25°26	T 26
W27	20 51 44	11°43'29	28°51	3°36	11°53	16°32	0°27	22°51	16° 5	23°52	25°49	0°56	29°47	7° 1	25°27	W27
T 28	20 55 40	12°41'04	12♑41	5° 7	13° 6	17° 4	0°19	22°46	16° 9	23°53	25°51	0°51	29°43	7° 8	25°28	T 28
F 29	20 59 37	13°38'41	26°21	6°36	14°18	17°35	0°12	22°42	16°12	23°54	25°53	0°43	29°40	7°14	25°29	F 29
S 30	21 3 33	14°36'18	9♒50	8° 3	15°30	18° 7	0° 5	22°38	16°15	23°55	25°55	0°32	29°37	7°21	25°30	S 30
S 31	21 7 30	15♌33'57	23♒ 4	9♍29	16♍43	18♏39	29♑57	22♒33	16♍19	23♎57	25♌57	0♊21	29♉34	7♉28	25♏31	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
F 1	22n27	25s58	3s37	24n 2	1n24	19n14	1n36	14s54	1s47	20s 4	0s43	14s46	1s27	6n40	0n45	7s32	1n48	24n 8	11n38	20n46	20n27	10n44	15s 7	4n14
S 2	22 19	24 14	4 23	23 52	1 30	18 54	1 36	15 2	1 48	20 5	0 43	14 47	1 27	6 39	0 45	7 32	1 48	24 8	11 38	20 44	20 26	10 47	15 6	4 14
S 3	22 12	21 9	4 53	23 39	1 35	18 33	1 36	15 10	1 48	20 7	0 43	14 48	1 27	6 38	0 45	7 32	1 48	24 7	11 38	20 43	20 26	10 50	15 6	4 14
M 4	22 3	17 3	5 7	23 24	1 39	18 12	1 36	15 19	1 49	20 9	0 43	14 49	1 28	6 37	0 45	7 32	1 48	24 6	11 38	20 41	20 25	10 53	15 6	4 14
T 5	21 55	12 18	5 5	23 6	1 42	17 50	1 36	15 27	1 50	20 11	0 43	14 50	1 28	6 36	0 45	7 32	1 48	24 6	11 38	20 40	20 24	10 56	15 6	4 14
W 6	21 46	7 8	4 48	22 46	1 45	17 28	1 36	15 36	1 51	20 13	0 43	14 52	1 28	6 35	0 45	7 33	1 48	24 5	11 38	20 39	20 24	10 59	15 6	4 14
T 7	21 37	1 50	4 18	22 24	1 47	17 6	1 35	15 44	1 52	20 15	0 44	14 53	1 28	6 34	0 44	7 33	1 48	24 4	11 38	20 38	20 23	11 2	15 5	4 14
F 8	21 27	3n28	3 37	22 0	1 48	16 43	1 35	15 53	1 52	20 17	0 44	14 54	1 28	6 33	0 44	7 33	1 47	24 3	11 37	20 38	20 22	11 5	15 5	4 13
S 9	21 17	8 36	2 48	21 33	1 48	16 20	1 35	16 1	1 53	20 19	0 44	14 56	1 28	6 32	0 44	7 33	1 47	24 3	11 37	20 38	20 22	11 7	15 5	4 13
S 10	21 7	13 25	1 51	21 5	1 48	15 56	1 34	16 10	1 54	20 21	0 44	14 57	1 29	6 31	0 44	7 33	1 47	24 2	11 37	20 38	20 21	11 10	15 5	4 13
M11	20 56	17 45	0 49	20 36	1 47	15 31	1 34	16 19	1 55	20 23	0 44	14 58	1 29	6 30	0 44	7 34	1 47	24 1	11 37	20 38	20 20	11 13	15 5	4 13
T 12	20 45	21 25	0n15	20 5	1 46	15 7	1 33	16 28	1 55	20 24	0 44	15 0	1 29	6 29	0 44	7 34	1 47	24 1	11 37	20 38	20 20	11 16	15 5	4 13
W13	20 34	24 12	1 19	19 32	1 44	14 42	1 32	16 37	1 56	20 26	0 44	15 1	1 29	6 28	0 44	7 34	1 47	24 0	11 37	20 38	20 19	11 19	15 5	4 13
T 14	20 22	25 52	2 21	18 59	1 41	14 16	1 32	16 46	1 56	20 28	0 45	15 3	1 29	6 27	0 44	7 34	1 47	23 59	11 37	20 37	20 18	11 22	15 5	4 12
F 15	20 10	26 14	3 18	18 24	1 38	13 51	1 31	16 55	1 57	20 30	0 45	15 4	1 29	6 25	0 44	7 35	1 47	23 58	11 37	20 36	20 18	11 25	15 5	4 12
S 16	19 57	25 9	4 5	17 49	1 34	13 24	1 30	17 4	1 58	20 32	0 45	15 6	1 29	6 24	0 44	7 35	1 47	23 58	11 37	20 35	20 17	11 28	15 5	4 12
S 17	19 45	22 39	4 40	17 12	1 30	12 58	1 29	17 14	1 58	20 34	0 45	15 7	1 30	6 23	0 44	7 35	1 47	23 57	11 37	20 33	20 16	11 31	15 6	4 12
M18	19 31	18 50	5 0	16 35	1 26	12 31	1 28	17 23	1 59	20 36	0 45	15 9	1 30	6 22	0 44	7 35	1 47	23 56	11 37	20 31	20 16	11 34	15 6	4 12
T 19	19 18	13 57	5 3	15 57	1 21	12 4	1 27	17 32	1 59	20 38	0 45	15 10	1 30	6 21	0 44	7 36	1 47	23 56	11 37	20 29	20 15	11 37	15 6	4 11
W20	19 4	8 17	4 47	15 18	1 15	11 36	1 26	17 42	2 0	20 39	0 45	15 11	1 30	6 19	0 44	7 36	1 47	23 55	11 37	20 27	20 14	11 40	15 6	4 11
T 21	18 50	2 10	4 14	14 39	1 9	11 9	1 24	17 51	2 0	20 41	0 46	15 13	1 30	6 18	0 44	7 36	1 47	23 54	11 36	20 26	20 14	11 43	15 6	4 11
F 22	18 36	4s 5	3 26	14 0	1 3	10 41	1 23	18 0	2 1	20 43	0 46	15 15	1 30	6 17	0 44	7 37	1 47	23 53	11 36	20 25	20 13	11 46	15 7	4 11
S 23	18 21	10 9	2 25	13 20	0 57	10 12	1 22	18 10	2 1	20 45	0 46	15 16	1 30	6 16	0 44	7 37	1 47	23 53	11 36	20 25	20 12	11 49	15 7	4 11
S 24	18 6	15 42	1 15	12 40	0 50	9 44	1 20	18 19	2 2	20 47	0 46	15 18	1 30	6 14	0 44	7 37	1 47	23 52	11 36	20 25	20 12	11 52	15 7	4 10
M25	17 51	20 23	0 1	12 0	0 43	9 15	1 18	18 29	2 2	20 49	0 46	15 19	1 31	6 13	0 44	7 38	1 47	23 51	11 36	20 25	20 11	11 55	15 7	4 10
T 26	17 35	23 52	1s13	11 19	0 35	8 46	1 17	18 38	2 2	20 50	0 46	15 21	1 31	6 12	0 44	7 38	1 46	23 51	11 36	20 25	20 10	11 58	15 8	4 10
W27	17 19	25 52	2 22	10 39	0 28	8 17	1 15	18 47	2 3	20 52	0 46	15 22	1 31	6 11	0 44	7 39	1 46	23 50	11 36	20 24	20 10	12 1	15 8	4 10
T 28	17 3	26 15	3 22	9 58	0 20	7 47	1 13	18 57	2 3	20 54	0 46	15 24	1 31	6 9	0 44	7 39	1 46	23 49	11 36	20 23	20 9	12 4	15 9	4 10
F 29	16 47	25 1	4 9	9 18	0 11	7 18	1 11	19 6	2 3	20 55	0 46	15 25	1 31	6 8	0 44	7 39	1 46	23 48	11 36	20 22	20 8	12 6	15 9	4 9
S 30	16 30	22 22	4 42	8 37	0 3	6 48	1 9	19 15	2 4	20 57	0 46	15 27	1 31	6 7	0 44	7 40	1 46	23 48	11 36	20 19	20 8	12 9	15 9	4 9
S 31	16n13	18s34	4s59	7n57	0s 5	6n18	1n 7	19s25	2s 4	20s59	0s47	15s28	1s31	6n 5	0n44	7s40	1n46	23n47	11n36	20n17	20n 7	12n12	15s10	4n 9

Julian Day Number = 2255599.5, Delta T = 06m05s
Ecliptic obliquity = 23°30'36, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°15'19, Lahiri = 16°22'19 Julian Calendar 1 July 1463 == Greg. Calendar 10 July 1463

ASTRODIENST EPHEMERIS for the year 1463
geocentric

AUGUST 1463 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 11 27	16♌31'37	6♓ 2	10♍53	17♍55	19♏12	29°R50	22°R29	16♍22	23♎58	25♌59	0°R 8	29♉31	7♉34	25♏32	M 1
T 2	21 15 23	17°29'19	18°42	12°15	19° 7	19°45	29♑43	22♒24	16°26	23°59	26° 1	29♉57	29°27	7°41	25°33	T 2
W 3	21 19 20	18°27'02	1♈ 6	13°36	20°19	20°18	29°36	22°20	16°29	24° 0	26° 3	29°47	29°24	7°48	25°35	W 3
T 4	21 23 16	19°24'47	13°16	14°55	21°31	20°51	29°29	22°15	16°32	24° 1	26° 5	29°40	29°21	7°54	25°36	T 4
F 5	21 27 13	20°22'33	25°14	16°12	22°44	21°24	29°22	22°11	16°36	24° 2	26° 7	29°36	29°18	8° 1	25°38	F 5
S 6	21 31 9	21°20'21	7♉ 4	17°27	23°56	21°58	29°16	22° 6	16°39	24° 3	26° 9	29°33	29°15	8° 7	25°40	S 6
S 7	21 35 6	22°18'11	18°53	18°40	25° 8	22°32	29° 9	22° 2	16°43	24° 5	26°11	29°33	29°12	8°14	25°41	S 7
M 8	21 39 2	23°16'02	0♊44	19°52	26°20	23° 7	29° 2	21°57	16°46	24° 6	26°13	29°33	29° 8	8°21	25°43	M 8
T 9	21 42 59	24°13'56	12°44	21° 1	27°32	23°41	28°56	21°52	16°50	24° 7	26°15	29°32	29° 5	8°27	25°45	T 9
W10	21 46 56	25°11'51	24°58	22° 8	28°44	24°16	28°50	21°48	16°54	24° 9	26°17	29°30	29° 2	8°34	25°47	W10
T 11	21 50 52	26° 9'48	7♋31	23°13	29°56	24°51	28°44	21°43	16°57	24°10	26°19	29°26	28°59	8°41	25°49	T 11
F 12	21 54 49	27° 7'47	20°25	24°16	1♎ 8	25°26	28°38	21°39	17° 1	24°11	26°21	29°19	28°56	8°47	25°52	F 12
S 13	21 58 45	28° 5'48	3♌43	25°16	2°20	26° 2	28°32	21°34	17° 4	24°13	26°23	29°10	28°53	8°54	25°54	S 13
S 14	22 2 42	29° 3'50	17°24	26°14	3°31	26°37	28°26	21°30	17° 8	24°14	26°25	28°59	28°49	9° 1	25°57	S 14
M15	22 6 38	0♍ 1'54	1♍25	27° 8	4°43	27°13	28°20	21°26	17°12	24°16	26°27	28°47	28°46	9° 7	25°59	M15
T 16	22 10 35	1° 0'00	15°43	28° 0	5°55	27°49	28°15	21°21	17°15	24°17	26°29	28°35	28°43	9°14	26° 2	T 16
W17	22 14 31	1°58'07	0♎11	28°49	7° 7	28°26	28°10	21°17	17°19	24°19	26°31	28°25	28°40	9°21	26° 4	W17
T 18	22 18 28	2°56'16	14°42	29°34	8°18	29° 2	28° 5	21°12	17°23	24°20	26°33	28°18	28°37	9°27	26° 7	T 18
F 19	22 22 25	3°54'26	29°10	0♎16	9°30	29°39	28° 0	21° 8	17°26	24°22	26°35	28°13	28°33	9°34	26°10	F 19
S 20	22 26 21	4°52'38	13♏31	0°54	10°42	0♐16	27°55	21° 4	17°30	24°23	26°37	28°11	28°30	9°41	26°13	S 20
S 21	22 30 18	5°50'51	27°43	1°28	11°53	0°53	27°50	20°59	17°34	24°25	26°39	28°11	28°27	9°47	26°16	S 21
M22	22 34 14	6°49'06	11♐44	1°57	13° 5	1°30	27°46	20°55	17°37	24°27	26°41	28°11	28°24	9°54	26°19	M22
T 23	22 38 11	7°47'23	25°34	2°22	14°16	2° 8	27°41	20°51	17°41	24°28	26°43	28°10	28°21	10° 1	26°23	T 23
W24	22 42 7	8°45'41	9♑13	2°42	15°28	2°46	27°37	20°47	17°45	24°30	26°45	28° 7	28°18	10° 7	26°26	W24
T 25	22 46 4	9°44'00	22°41	2°56	16°39	3°24	27°33	20°42	17°49	24°32	26°47	28° 1	28°14	10°14	26°29	T 25
F 26	22 50 0	10°42'21	5♒59	3° 5	17°50	4° 2	27°29	20°38	17°52	24°33	26°49	27°53	28°11	10°21	26°33	F 26
S 27	22 53 57	11°40'44	19° 4	3°R 8	19° 1	4°40	27°26	20°34	17°56	24°35	26°51	27°42	28° 8	10°27	26°37	S 27
S 28	22 57 54	12°39'09	1♓58	3° 5	20°13	5°18	27°22	20°30	18° 0	24°37	26°53	27°30	28° 5	10°34	26°40	S 28
M29	23 1 50	13°37'35	14°39	2°55	21°24	5°57	27°19	20°26	18° 4	24°39	26°54	27°17	28° 2	10°41	26°44	M29
T 30	23 5 47	14°36'03	27° 6	2°39	22°35	6°36	27°16	20°22	18° 7	24°40	26°56	27° 6	27°58	10°47	26°48	T 30
W31	23 9 43	15♍34'33	9♈21	2♎15	23♎46	7♐15	27♑13	20♒18	18♍11	24♎42	26♌58	26♉55	27♉55	10♉54	26♏52	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	15n56	13s58	5s 0	7n17	0s14	5n48	1n 5	19s34	2s 4	21s 0	0s47	15s30	1s31	6n 4	0n44	7s41	1n46	23n46	11n36	20n14	20n 6	12n15	15s10	4n 9
T 2	15 38	8 51	4 45	6 38	0 23	5 17	1 3	19 43	2 5	21 2	0 47	15 32	1 31	6 3	0 44	7 41	1 46	23 46	11 36	20 12	20 6	12 18	15 11	4 9
W 3	15 21	3 30	4 18	5 58	0 32	4 47	1 1	19 53	2 5	21 3	0 47	15 33	1 31	6 1	0 44	7 42	1 46	23 45	11 36	20 10	20 5	12 21	15 11	4 8
T 4	15 3	1n53	3 39	5 20	0 41	4 16	0 59	20 2	2 5	21 5	0 47	15 35	1 32	6 0	0 44	7 42	1 46	23 44	11 36	20 8	20 4	12 24	15 12	4 8
F 5	14 44	7 8	2 51	4 41	0 51	3 45	0 56	20 11	2 5	21 6	0 47	15 36	1 32	5 59	0 44	7 43	1 46	23 44	11 36	20 7	20 4	12 27	15 13	4 8
S 6	14 26	12 5	1 56	4 3	1 0	3 15	0 54	20 20	2 6	21 8	0 47	15 38	1 32	5 57	0 44	7 43	1 46	23 43	11 36	20 7	20 3	12 30	15 13	4 8
S 7	14 7	16 35	0 56	3 26	1 10	2 44	0 51	20 29	2 6	21 9	0 47	15 39	1 32	5 56	0 44	7 44	1 46	23 42	11 36	20 7	20 2	12 33	15 14	4 7
M 8	13 48	20 28	0n 6	2 49	1 19	2 13	0 49	20 38	2 6	21 11	0 47	15 41	1 32	5 54	0 44	7 44	1 46	23 42	11 37	20 7	20 2	12 36	15 14	4 7
T 9	13 29	23 32	1 9	2 13	1 29	1 42	0 46	20 47	2 6	21 12	0 47	15 42	1 32	5 53	0 44	7 45	1 46	23 41	11 37	20 7	20 1	12 39	15 15	4 7
W10	13 10	25 35	2 10	1 37	1 38	1 10	0 44	20 56	2 6	21 14	0 47	15 44	1 32	5 52	0 44	7 45	1 46	23 40	11 37	20 6	20 0	12 42	15 16	4 7
T 11	12 50	26 24	3 6	1 3	1 48	0 39	0 41	21 5	2 6	21 15	0 47	15 45	1 32	5 50	0 44	7 46	1 46	23 40	11 37	20 5	19 59	12 44	15 17	4 7
F 12	12 30	25 49	3 55	0 29	1 58	0 8	0 38	21 14	2 7	21 16	0 47	15 47	1 32	5 49	0 44	7 46	1 46	23 39	11 37	20 4	19 59	12 47	15 17	4 6
S 13	12 10	23 47	4 32	0s 4	2 7	0s23	0 35	21 22	2 7	21 17	0 47	15 48	1 32	5 47	0 44	7 47	1 46	23 38	11 37	20 2	19 58	12 50	15 18	4 6
S 14	11 50	20 20	4 54	0 35	2 17	0 54	0 33	21 31	2 7	21 19	0 47	15 50	1 32	5 46	0 44	7 47	1 45	23 38	11 37	19 59	19 57	12 53	15 19	4 6
M15	11 30	15 40	5 0	1 6	2 26	1 26	0 30	21 39	2 7	21 20	0 47	15 51	1 32	5 45	0 44	7 48	1 45	23 37	11 37	19 57	19 57	12 56	15 20	4 6
T 16	11 9	10 3	4 47	1 35	2 36	1 57	0 27	21 48	2 7	21 21	0 47	15 53	1 32	5 43	0 44	7 49	1 45	23 36	11 37	19 54	19 56	12 59	15 20	4 6
W17	10 48	3 51	4 16	2 3	2 45	2 28	0 24	21 56	2 7	21 22	0 48	15 54	1 32	5 42	0 44	7 49	1 45	23 36	11 37	19 52	19 55	13 2	15 21	4 5
T 18	10 27	2s36	3 28	2 29	2 54	2 59	0 20	22 4	2 7	21 23	0 48	15 56	1 32	5 40	0 44	7 50	1 45	23 35	11 37	19 50	19 55	13 5	15 22	4 5
F 19	10 6	8 55	2 27	2 54	3 3	3 31	0 17	22 12	2 7	21 24	0 48	15 57	1 32	5 39	0 44	7 50	1 45	23 35	11 37	19 49	19 54	13 8	15 23	4 5
S 20	9 45	14 43	1 17	3 17	3 11	4 2	0 14	22 20	2 7	21 25	0 48	15 59	1 32	5 37	0 44	7 51	1 45	23 34	11 38	19 49	19 53	13 11	15 24	4 5
S 21	9 24	19 40	0 2	3 38	3 19	4 33	0 11	22 28	2 7	21 26	0 48	16 0	1 33	5 36	0 44	7 52	1 45	23 33	11 38	19 49	19 52	13 13	15 25	4 5
M22	9 2	23 26	1s11	3 57	3 27	5 4	0 8	22 36	2 7	21 27	0 48	16 2	1 33	5 34	0 44	7 52	1 45	23 33	11 38	19 49	19 52	13 16	15 26	4 4
T 23	8 40	25 46	2 20	4 13	3 34	5 35	0 4	22 44	2 7	21 28	0 48	16 3	1 33	5 33	0 44	7 53	1 45	23 32	11 38	19 49	19 51	13 19	15 27	4 4
W24	8 19	26 30	3 19	4 27	3 41	6 5	0 1	22 51	2 7	21 29	0 48	16 4	1 33	5 31	0 44	7 54	1 45	23 32	11 38	19 48	19 50	13 22	15 27	4 4
T 25	7 57	25 39	4 6	4 39	3 47	6 36	0s 2	22 58	2 7	21 29	0 48	16 6	1 33	5 30	0 44	7 54	1 45	23 31	11 38	19 47	19 50	13 25	15 28	4 4
F 26	7 34	23 21	4 40	4 47	3 53	7 6	0 6	23 6	2 7	21 30	0 48	16 7	1 33	5 28	0 43	7 55	1 45	23 30	11 38	19 45	19 49	13 28	15 29	4 4
S 27	7 12	19 51	4 58	4 53	3 57	7 37	0 9	23 13	2 7	21 31	0 48	16 8	1 33	5 27	0 43	7 56	1 45	23 30	11 38	19 42	19 48	13 31	15 30	4 3
S 28	6 50	15 28	5 0	4 55	4 1	8 7	0 13	23 20	2 7	21 32	0 48	16 10	1 33	5 25	0 43	7 56	1 45	23 29	11 39	19 40	19 47	13 34	15 31	4 3
M29	6 27	10 29	4 48	4 53	4 4	8 37	0 16	23 27	2 7	21 32	0 48	16 11	1 33	5 24	0 43	7 57	1 45	23 29	11 39	19 37	19 47	13 37	15 32	4 3
T 30	6 5	5 9	4 21	4 48	4 5	9 7	0 20	23 33	2 7	21 33	0 48	16 12	1 33	5 23	0 43	7 58	1 45	23 28	11 39	19 34	19 46	13 39	15 34	4 3
W31	5n42	0n18	3s43	4s39	4s 5	9s37	0s23	23s40	2s 7	21s33	0s48	16s13	1s33	5n21	0n43	7s58	1n45	23n28	11n39	19n32	19n45	13n42	15s35	4n 3

Julian Day Number = 2255630.5, Delta T = 06m04s
Ecliptic obliquity = 23°30'37, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°15'23, Lahiri = 16°22'24 Julian Calendar 1 Aug. 1463 == Greg. Calendar 10 Aug. 1463

ASTRODIENST EPHEMERIS for the year 1463
geocentric

SEPTEMBER 1463 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 13 40	16♍33'05	21♈24	1°R45	24♎57	7♐54	27°R10	20°R15	18♍15	24♎44	27♌ 0	26°R48	27♉52	11♉ 0	26♏56	T 1
F 2	23 17 36	17°31'40	3♉19	1♎ 8	26° 8	8°33	27♑ 8	20♒11	18°19	24°46	27° 2	26♉43	27°49	11° 7	27° 0	F 2
S 3	23 21 33	18°30'16	15° 7	0°24	27°19	9°12	27° 5	20° 7	18°23	24°48	27° 4	26°40	27°46	11°14	27° 4	S 3
S 4	23 25 29	19°28'55	26°54	29♍35	28°30	9°52	27° 3	20° 3	18°26	24°50	27° 6	26°D39	27°43	11°20	27° 8	S 4
M 5	23 29 26	20°27'36	8♊44	28°39	29°40	10°32	27° 1	20° 0	18°30	24°52	27° 8	26°40	27°39	11°27	27°13	M 5
T 6	23 33 22	21°26'19	20°43	27°39	0♏51	11°12	26°59	19°56	18°34	24°54	27°10	26°R40	27°36	11°34	27°17	T 6
W 7	23 37 19	22°25'05	2♋55	26°36	2° 2	11°52	26°58	19°53	18°38	24°55	27°12	26°40	27°33	11°40	27°21	W 7
T 8	23 41 16	23°23'53	15°27	25°30	3°12	12°32	26°56	19°49	18°41	24°57	27°13	26°37	27°30	11°47	27°26	T 8
F 9	23 45 12	24°22'43	28°23	24°24	4°23	13°12	26°55	19°46	18°45	24°59	27°15	26°33	27°27	11°54	27°31	F 9
S 10	23 49 9	25°21'35	11♌44	23°19	5°33	13°52	26°54	19°43	18°49	25° 1	27°17	26°26	27°24	12° 0	27°35	S 10
S 11	23 53 5	26°20'30	25°34	22°17	6°44	14°33	26°53	19°40	18°53	25° 3	27°19	26°17	27°20	12° 7	27°40	S 11
M12	23 57 2	27°19'26	9♍49	21°19	7°54	15°14	26°53	19°37	18°57	25° 5	27°21	26° 8	27°17	12°14	27°45	M12
T 13	0 0 58	28°18'25	24°25	20°27	9° 4	15°55	26°52	19°34	19° 0	25° 8	27°23	25°58	27°14	12°20	27°50	T 13
W14	0 4 55	29°17'26	9♎14	19°42	10°15	16°36	26°52	19°31	19° 4	25°10	27°24	25°50	27°11	12°27	27°55	W14
T 15	0 8 51	0♎16'29	24° 9	19° 6	11°25	17°17	26°D52	19°28	19° 8	25°12	27°26	25°44	27° 8	12°34	28° 0	T 15
F 16	0 12 48	1°15'34	9♏ 1	18°39	12°35	17°58	26°52	19°25	19°11	25°14	27°28	25°41	27° 4	12°40	28° 5	F 16
S 17	0 16 45	2°14'40	23°43	18°23	13°45	18°40	26°53	19°22	19°15	25°16	27°30	25°D40	27° 1	12°47	28°10	S 17
S 18	0 20 41	3°13'49	8♐ 9	18°D17	14°55	19°21	26°53	19°20	19°19	25°18	27°31	25°40	26°58	12°54	28°15	S 18
M19	0 24 38	4°12'59	22°18	18°21	16° 5	20° 3	26°54	19°17	19°23	25°20	27°33	25°41	26°55	13° 0	28°21	M19
T 20	0 28 34	5°12'12	6♑ 8	18°36	17°15	20°44	26°55	19°15	19°26	25°22	27°35	25°R42	26°52	13° 7	28°26	T 20
W21	0 32 31	6°11'26	19°40	19° 1	18°24	21°26	26°56	19°12	19°30	25°24	27°36	25°41	26°49	13°13	28°31	W21
T 22	0 36 27	7°10'41	2♒55	19°36	19°34	22° 8	26°58	19°10	19°34	25°26	27°38	25°38	26°45	13°20	28°37	T 22
F 23	0 40 24	8° 9'59	15°55	20°19	20°44	22°50	26°59	19° 8	19°37	25°29	27°40	25°33	26°42	13°27	28°43	F 23
S 24	0 44 20	9° 9'18	28°42	21°11	21°53	23°33	27° 1	19° 6	19°41	25°31	27°41	25°26	26°39	13°33	28°48	S 24
S 25	0 48 17	10° 8'39	11♓17	22°11	23° 2	24°15	27° 3	19° 4	19°44	25°33	27°43	25°18	26°36	13°40	28°54	S 25
M26	0 52 14	11° 8'02	23°40	23°17	24°12	24°57	27° 5	19° 2	19°48	25°35	27°44	25°10	26°33	13°47	29° 0	M26
T 27	0 56 10	12° 7'27	5♈53	24°29	25°21	25°40	27° 8	19° 0	19°52	25°37	27°46	25° 2	26°30	13°53	29° 5	T 27
W28	1 0 7	13° 6'54	17°57	25°47	26°30	26°23	27°10	18°58	19°55	25°39	27°47	24°55	26°26	14° 0	29°11	W28
T 29	1 4 3	14° 6'23	29°53	27° 9	27°39	27° 5	27°13	18°57	19°59	25°42	27°49	24°50	26°23	14° 7	29°17	T 29
F 30	1 8 0	15♎ 5'54	11♉43	28♍35	28♏48	27♐48	27♑16	18♒55	20♍ 2	25♎44	27♌50	24♉47	26♉20	14♉13	29♏23	F 30

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	
T 1	5n19	5n39	2s56	4s25	4s 4	10s 6	0s27	23s46	2s 6	21s34	0s48	16s15	1s33	5n20	0n43	7s59	1n45	23n27	11n39	19n30	19n45	13n45	15s36	4n 3	T 1
F 2	4 57	10 46	2 1	4 8	4 1	10 36	0 31	23 52	2 6	21 34	0 48	16 16	1 33	5 18	0 43	8 0	1 45	23 27	11 40	19 29	19 44	13 48	15 37	4 2	F 2
S 3	4 34	15 27	1 1	3 46	3 56	11 5	0 34	23 58	2 6	21 35	0 48	16 17	1 33	5 17	0 43	8 0	1 45	23 26	11 40	19 28	19 43	13 51	15 38	4 2	S 3
S 4	4 11	19 33	0n 1	3 20	3 49	11 34	0 38	24 4	2 6	21 35	0 48	16 18	1 33	5 15	0 43	8 1	1 45	23 26	11 40	19 28	19 42	13 54	15 39	4 2	S 4
M 5	3 47	22 53	1 4	2 50	3 41	12 2	0 42	24 10	2 6	21 36	0 48	16 19	1 33	5 14	0 43	8 2	1 45	23 25	11 40	19 28	19 42	13 57	15 40	4 2	M 5
T 6	3 24	25 16	2 5	2 17	3 30	12 31	0 45	24 16	2 6	21 36	0 48	16 20	1 33	5 12	0 43	8 3	1 45	23 25	11 40	19 28	19 41	13 59	15 41	4 2	T 6
W 7	3 1	26 30	3 1	1 40	3 18	12 59	0 49	24 21	2 5	21 36	0 48	16 22	1 33	5 11	0 43	8 3	1 45	23 24	11 41	19 28	19 40	14 2	15 42	4 2	W 7
T 8	2 38	26 25	3 50	1 1	3 3	13 27	0 53	24 26	2 5	21 37	0 48	16 23	1 33	5 9	0 43	8 4	1 45	23 24	11 41	19 27	19 40	14 5	15 44	4 1	T 8
F 9	2 14	24 56	4 29	0 20	2 47	13 54	0 56	24 31	2 5	21 37	0 48	16 24	1 33	5 8	0 43	8 5	1 45	23 23	11 41	19 26	19 39	14 8	15 45	4 1	F 9
S 10	1 51	22 2	4 55	0n22	2 30	14 21	1 0	24 36	2 5	21 37	0 48	16 25	1 33	5 6	0 43	8 6	1 45	23 23	11 41	19 25	19 38	14 11	15 46	4 1	S 10
S 11	1 28	17 49	5 5	1 4	2 11	14 48	1 4	24 40	2 5	21 37	0 47	16 26	1 33	5 5	0 43	8 6	1 45	23 23	11 41	19 23	19 37	14 14	15 47	4 1	S 11
M12	1 4	12 29	4 56	1 45	1 52	15 15	1 7	24 45	2 4	21 37	0 47	16 27	1 32	5 3	0 43	8 7	1 44	23 22	11 42	19 21	19 37	14 17	15 48	4 1	M12
T 13	0 41	6 20	4 29	2 23	1 32	15 41	1 11	24 49	2 4	21 37	0 47	16 28	1 32	5 2	0 43	8 8	1 44	23 22	11 42	19 18	19 36	14 19	15 50	4 1	T 13
W14	0 17	0s16	3 42	3 0	1 11	16 7	1 15	24 53	2 4	21 37	0 47	16 28	1 32	5 0	0 44	8 9	1 44	23 21	11 42	19 16	19 35	14 22	15 51	4 0	W14
T 15	0s 7	6 54	2 41	3 32	0 51	16 33	1 19	24 57	2 3	21 37	0 47	16 29	1 32	4 59	0 44	8 9	1 44	23 21	11 42	19 15	19 35	14 25	15 52	4 0	T 15
F 16	0 30	13 9	1 28	4 1	0 31	16 58	1 22	25 0	2 3	21 37	0 47	16 30	1 32	4 57	0 44	8 10	1 44	23 20	11 43	19 14	19 34	14 28	15 53	4 0	F 16
S 17	0 54	18 35	0 11	4 25	0 12	17 23	1 26	25 4	2 3	21 37	0 47	16 31	1 32	4 56	0 44	8 11	1 44	23 20	11 43	19 14	19 33	14 31	15 55	4 0	S 17
S 18	1 17	22 50	1s 7	4 44	0n 6	17 47	1 30	25 7	2 3	21 37	0 47	16 32	1 32	4 55	0 44	8 12	1 44	23 20	11 43	19 14	19 32	14 34	15 56	4 0	S 18
M19	1 41	25 35	2 18	4 58	0 23	18 11	1 33	25 10	2 2	21 37	0 47	16 32	1 32	4 53	0 44	8 13	1 44	23 19	11 43	19 14	19 32	14 36	15 57	4 0	M19
T 20	2 4	26 42	3 20	5 6	0 38	18 35	1 37	25 13	2 2	21 36	0 47	16 33	1 32	4 52	0 44	8 13	1 44	23 19	11 44	19 14	19 31	14 39	15 58	4 0	T 20
W21	2 28	26 11	4 10	5 10	0 53	18 58	1 40	25 15	2 1	21 36	0 47	16 34	1 32	4 50	0 44	8 14	1 44	23 19	11 44	19 14	19 30	14 42	16 0	4 0	W21
T 22	2 51	24 10	4 44	5 8	1 5	19 21	1 44	25 18	2 1	21 36	0 47	16 35	1 32	4 49	0 44	8 15	1 44	23 18	11 44	19 14	19 29	14 45	16 1	4 0	T 22
F 23	3 15	20 56	5 4	5 1	1 17	19 43	1 48	25 20	2 1	21 36	0 47	16 35	1 32	4 47	0 44	8 16	1 44	23 18	11 45	19 12	19 29	14 48	16 2	3 59	F 23
S 24	3 38	16 45	5 7	4 50	1 27	20 5	1 51	25 21	2 0	21 35	0 47	16 36	1 32	4 46	0 44	8 17	1 44	23 18	11 45	19 11	19 28	14 50	16 4	3 59	S 24
S 25	4 2	11 55	4 56	4 34	1 35	20 26	1 55	25 23	2 0	21 35	0 47	16 36	1 32	4 45	0 44	8 17	1 44	23 17	11 45	19 9	19 27	14 53	16 5	3 59	S 25
M26	4 25	6 40	4 31	4 15	1 43	20 47	1 58	25 24	2 0	21 34	0 47	16 37	1 32	4 43	0 44	8 18	1 44	23 17	11 45	19 7	19 26	14 56	16 6	3 59	M26
T 27	4 48	1 14	3 54	3 51	1 48	21 7	2 1	25 25	1 59	21 34	0 47	16 37	1 32	4 42	0 44	8 19	1 44	23 17	11 46	19 5	19 26	14 59	16 7	3 59	T 27
W28	5 12	4n11	3 6	3 25	1 53	21 27	2 5	25 26	1 59	21 33	0 47	16 38	1 32	4 40	0 44	8 20	1 44	23 17	11 46	19 3	19 25	15 2	16 9	3 59	W28
T 29	5 35	9 25	2 11	2 55	1 57	21 46	2 8	25 27	1 58	21 33	0 47	16 38	1 32	4 39	0 44	8 21	1 44	23 16	11 46	19 2	19 24	15 4	16 10	3 59	T 29
F 30	5s58	14n17	1s11	2n23	1n59	22s 5	2s11	25s27	1s58	21s32	0s47	16s39	1s32	4n38	0n44	8s21	1n44	23n16	11n47	19n 1	19n23	15n 7	16s11	3n59	F 30

Julian Day Number = 2255661.5, Delta T = 06m04s
Ecliptic obliquity = 23°30'38, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°15'27, Lahiri = 16°22'28 Julian Calendar 1 Sept. 1463 == Greg. Calendar 10 Sept. 1463

ASTRODIENST EPHEMERIS for the year 1463
geocentric

OCTOBER 1463 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 11 56	16♎ 5'28	23♉30	0♎ 4	29♏56	28♐31	27♑19	18°R54	20♍ 6	25♎46	27♌52	24°D46	26♉17	14♉20	29♏29	S 1
S 2	1 15 53	17° 5'04	5♊17	1°36	1♐ 5	29°14	27°22	18♒52	20° 9	25°48	27°53	24♉47	26°14	14°27	29°35	S 2
M 3	1 19 49	18° 4'42	17° 7	3°10	2°13	29°57	27°26	18°51	20°13	25°51	27°55	24°48	26°10	14°33	29°41	M 3
T 4	1 23 46	19° 4'22	29° 5	4°46	3°22	0♑40	27°30	18°50	20°16	25°53	27°56	24°50	26° 7	14°40	29°47	T 4
W 5	1 27 43	20° 4'04	11♋16	6°23	4°30	1°24	27°33	18°49	20°20	25°55	27°58	24°51	26° 4	14°47	29°54	W 5
T 6	1 31 39	21° 3'49	23°45	8° 2	5°38	2° 7	27°37	18°48	20°23	25°57	27°59	24°R52	26° 1	14°53	29°59	T 6
F 7	1 35 36	22° 3'36	6♌35	9°41	6°46	2°51	27°42	18°47	20°26	26° 0	28° 0	24°51	25°58	15° 0	0♐ 6	F 7
S 8	1 39 32	23° 3'26	19°52	11°21	7°54	3°34	27°46	18°46	20°30	26° 2	28° 2	24°48	25°55	15° 6	0°12	S 8
S 9	1 43 29	24° 3'17	3♍37	13° 1	9° 2	4°18	27°51	18°46	20°33	26° 4	28° 3	24°44	25°51	15°13	0°19	S 9
M10	1 47 25	25° 3'11	17°51	14°42	10°10	5° 2	27°55	18°45	20°36	26° 6	28° 4	24°40	25°48	15°20	0°25	M10
T 11	1 51 22	26° 3'07	2♎29	16°22	11°17	5°45	28° 0	18°45	20°40	26° 8	28° 5	24°36	25°45	15°26	0°32	T 11
W12	1 55 18	27° 3'05	17°28	18° 3	12°25	6°29	28° 6	18°44	20°43	26°11	28° 7	24°32	25°42	15°33	0°38	W12
T 13	1 59 15	28° 3'05	2♏37	19°44	13°32	7°13	28°11	18°44	20°46	26°13	28° 8	24°29	25°39	15°40	0°45	T 13
F 14	2 3 11	29° 3'07	17°47	21°24	14°39	7°57	28°16	18°44	20°49	26°15	28° 9	24°D28	25°35	15°46	0°51	F 14
S 15	2 7 8	0♏ 3'10	2♐49	23° 4	15°46	8°42	28°22	18°D44	20°52	26°17	28°10	24°28	25°32	15°53	0°58	S 15
S 16	2 11 5	1° 3'16	17°35	24°44	16°53	9°26	28°28	18°44	20°55	26°20	28°11	24°29	25°29	16° 0	1° 5	S 16
M17	2 15 1	2° 3'23	2♑ 0	26°24	17°59	10°10	28°34	18°44	20°59	26°22	28°12	24°31	25°26	16° 6	1°11	M17
T 18	2 18 58	3° 3'32	16° 1	28° 3	19° 6	10°54	28°40	18°44	21° 2	26°24	28°13	24°32	25°23	16°13	1°18	T 18
W19	2 22 54	4° 3'42	29°37	29°42	20°12	11°39	28°46	18°45	21° 5	26°26	28°14	24°R33	25°20	16°20	1°25	W19
T 20	2 26 51	5° 3'54	12♒51	1♏20	21°18	12°23	28°53	18°45	21° 8	26°29	28°15	24°33	25°16	16°26	1°32	T 20
F 21	2 30 47	6° 4'08	25°44	2°59	22°24	13° 8	28°59	18°46	21°11	26°31	28°16	24°31	25°13	16°33	1°39	F 21
S 22	2 34 44	7° 4'22	8♓20	4°36	23°30	13°53	29° 6	18°47	21°14	26°33	28°17	24°30	25°10	16°40	1°45	S 22
S 23	2 38 41	8° 4'39	20°41	6°14	24°35	14°37	29°13	18°47	21°16	26°35	28°18	24°27	25° 7	16°46	1°52	S 23
M24	2 42 37	9° 4'56	2♈51	7°51	25°40	15°22	29°20	18°48	21°19	26°38	28°19	24°25	25° 4	16°53	1°59	M24
T 25	2 46 34	10° 5'16	14°52	9°27	26°45	16° 7	29°28	18°49	21°22	26°40	28°20	24°22	25° 1	16°59	2° 6	T 25
W26	2 50 30	11° 5'37	26°47	11° 4	27°50	16°52	29°35	18°50	21°25	26°42	28°21	24°21	24°57	17° 6	2°13	W26
T 27	2 54 27	12° 6'00	8♉37	12°40	28°54	17°36	29°43	18°52	21°28	26°44	28°22	24°19	24°54	17°13	2°20	T 27
F 28	2 58 23	13° 6'24	20°25	14°15	29°59	18°21	29°50	18°53	21°30	26°46	28°22	24°D19	24°51	17°19	2°27	F 28
S 29	3 2 20	14° 6'50	2♊13	15°51	1♑ 3	19° 6	29°58	18°54	21°33	26°48	28°23	24°19	24°48	17°26	2°34	S 29
S 30	3 6 16	15° 7'18	14° 2	17°26	2° 6	19°51	0♒ 6	18°56	21°36	26°51	28°24	24°19	24°45	17°33	2°41	S 30
M31	3 10 13	16♏ 7'48	25♊57	19♏ 0	3♑10	20♑36	0♒14	18♒58	21♍38	26♎53	28♌25	24♉20	24♉41	17♉39	2♐48	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	6s21	18n36	0s 7	1n49	2n 0	22s23	2s15	25s28	1s57	21s31	0s47	16s39	1s32	4n36	0n44	8s22	1n44	23n16	11n47	19n 1	19n23	15n10	16s13	3n59
S 2	6 44	22 11	0n57	1 13	2 1	22 41	2 18	25 27	1 57	21 31	0 47	16 40	1 31	4 35	0 44	8 23	1 44	23 16	11 47	19 1	19 22	15 13	16 14	3 59
M 3	7 7	24 52	1 59	0 35	2 1	22 58	2 21	25 27	1 56	21 30	0 47	16 40	1 31	4 34	0 44	8 24	1 44	23 16	11 48	19 2	19 21	15 16	16 15	3 59
T 4	7 29	26 27	2 57	0s 4	1 59	23 15	2 24	25 27	1 56	21 29	0 47	16 40	1 31	4 32	0 44	8 25	1 44	23 15	11 48	19 2	19 20	15 18	16 17	3 59
W 5	7 52	26 48	3 47	0 45	1 58	23 31	2 27	25 26	1 56	21 28	0 47	16 40	1 31	4 31	0 44	8 25	1 44	23 15	11 48	19 2	19 20	15 21	16 18	3 58
T 6	8 15	25 49	4 28	1 26	1 55	23 46	2 30	25 25	1 55	21 27	0 47	16 41	1 31	4 30	0 44	8 26	1 44	23 15	11 49	19 2	19 19	15 24	16 19	3 58
F 7	8 37	23 29	4 58	2 8	1 52	24 1	2 33	25 23	1 55	21 27	0 46	16 41	1 31	4 28	0 44	8 27	1 44	23 15	11 49	19 2	19 18	15 27	16 21	3 58
S 8	8 59	19 50	5 12	2 50	1 49	24 15	2 36	25 22	1 54	21 26	0 46	16 41	1 31	4 27	0 44	8 28	1 44	23 15	11 49	19 2	19 17	15 29	16 22	3 58
S 9	9 21	15 0	5 9	3 33	1 45	24 29	2 38	25 20	1 53	21 25	0 46	16 41	1 31	4 26	0 44	8 29	1 44	23 15	11 50	19 1	19 17	15 32	16 24	3 58
M10	9 44	9 14	4 48	4 16	1 40	24 42	2 41	25 18	1 53	21 24	0 46	16 41	1 31	4 24	0 44	8 29	1 44	23 14	11 50	19 0	19 16	15 35	16 25	3 58
T 11	10 5	2 48	4 8	4 59	1 35	24 54	2 44	25 15	1 52	21 23	0 46	16 41	1 31	4 23	0 44	8 30	1 44	23 14	11 51	18 58	19 15	15 38	16 26	3 58
W12	10 27	3s57	3 10	5 42	1 30	25 6	2 46	25 13	1 52	21 22	0 46	16 41	1 31	4 22	0 44	8 31	1 44	23 14	11 51	18 58	19 14	15 41	16 28	3 58
T 13	10 49	10 35	1 57	6 26	1 25	25 17	2 48	25 10	1 51	21 20	0 46	16 41	1 31	4 21	0 44	8 32	1 44	23 14	11 51	18 57	19 14	15 43	16 29	3 58
F 14	11 10	16 36	0 37	7 9	1 19	25 27	2 51	25 7	1 51	21 19	0 46	16 41	1 31	4 19	0 44	8 33	1 44	23 14	11 52	18 57	19 13	15 46	16 30	3 58
S 15	11 31	21 32	0s46	7 51	1 14	25 37	2 53	25 3	1 50	21 18	0 46	16 41	1 30	4 18	0 44	8 34	1 44	23 14	11 52	18 57	19 12	15 49	16 32	3 58
S 16	11 53	24 59	2 4	8 34	1 8	25 46	2 55	25 0	1 50	21 17	0 46	16 41	1 30	4 17	0 44	8 34	1 44	23 14	11 52	18 57	19 11	15 52	16 33	3 58
M17	12 13	26 42	3 12	9 16	1 2	25 54	2 57	24 56	1 49	21 16	0 46	16 41	1 30	4 16	0 44	8 35	1 44	23 14	11 53	18 57	19 11	15 54	16 34	3 58
T 18	12 34	26 38	4 7	9 57	0 55	26 2	2 59	24 52	1 48	21 14	0 46	16 41	1 30	4 14	0 44	8 36	1 44	23 14	11 53	18 58	19 10	15 57	16 36	3 58
W19	12 55	24 58	4 47	10 38	0 49	26 9	3 1	24 47	1 48	21 13	0 46	16 41	1 30	4 13	0 44	8 37	1 44	23 14	11 54	18 58	19 9	16 0	16 37	3 58
T 20	13 15	21 57	5 9	11 19	0 42	26 16	3 3	24 43	1 47	21 12	0 46	16 40	1 30	4 12	0 44	8 38	1 44	23 14	11 54	18 58	19 8	16 3	16 38	3 58
F 21	13 35	17 56	5 16	11 59	0 36	26 22	3 4	24 38	1 47	21 10	0 46	16 40	1 30	4 11	0 44	8 38	1 44	23 14	11 54	18 57	19 8	16 5	16 40	3 58
S 22	13 55	13 12	5 7	12 38	0 29	26 27	3 6	24 32	1 46	21 9	0 46	16 40	1 30	4 10	0 44	8 39	1 44	23 14	11 55	18 57	19 7	16 8	16 41	3 58
S 23	14 15	8 3	4 44	13 17	0 22	26 31	3 7	24 27	1 45	21 7	0 46	16 40	1 30	4 9	0 44	8 40	1 44	23 14	11 55	18 56	19 6	16 11	16 42	3 58
M24	14 34	2 39	4 8	13 55	0 16	26 35	3 9	24 21	1 45	21 6	0 46	16 39	1 30	4 8	0 44	8 41	1 44	23 14	11 56	18 56	19 5	16 13	16 44	3 58
T 25	14 53	2n47	3 22	14 33	0 9	26 38	3 10	24 15	1 44	21 4	0 46	16 39	1 30	4 7	0 44	8 41	1 44	23 14	11 56	18 55	19 5	16 16	16 45	3 58
W26	15 12	8 4	2 27	15 9	0 2	26 40	3 11	24 9	1 43	21 3	0 46	16 38	1 30	4 6	0 44	8 42	1 44	23 14	11 56	18 55	19 4	16 19	16 46	3 58
T 27	15 31	13 3	1 26	15 45	0s 4	26 42	3 12	24 3	1 43	21 1	0 46	16 38	1 29	4 4	0 44	8 43	1 44	23 14	11 57	18 54	19 3	16 22	16 48	3 58
F 28	15 49	17 33	0 22	16 20	0 11	26 43	3 13	23 56	1 42	20 59	0 46	16 37	1 29	4 3	0 44	8 44	1 44	23 14	11 57	18 54	19 2	16 24	16 49	3 59
S 29	16 7	21 23	0n44	16 55	0 18	26 44	3 13	23 49	1 41	20 58	0 46	16 37	1 29	4 2	0 44	8 45	1 44	23 14	11 58	18 54	19 1	16 27	16 50	3 59
S 30	16 25	24 20	1 47	17 28	0 24	26 43	3 14	23 42	1 41	20 56	0 46	16 36	1 29	4 1	0 44	8 45	1 44	23 15	11 58	18 54	19 1	16 30	16 51	3 59
M31	16s43	26n14	2n47	18s 1	0s31	26s42	3s14	23s34	1s40	20s54	0s45	16s36	1s29	4n 0	0n44	8s46	1n44	23n15	11n58	18n55	19n 0	16n32	16s53	3n59

Julian Day Number = 2255691.5, Delta T = 06m04s
Ecliptic obliquity = 23°30'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°15'32, Lahiri = 16°22'32 Julian Calendar 1 Oct. 1463 == Greg. Calendar 10 Oct. 1463

ASTRODIENST EPHEMERIS for the year 1463
geocentric

NOVEMBER 1463 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 14 9	17♏ 8'19	8♋ 0	20♏35	4♑13	21♑22	0♒23	18♒59	21♍41	26♎55	28♌25	24♉21	24♉38	17♉46	2♐55	T 1
W 2	3 18 6	18° 8'52	20°14	22° 9	5°16	22° 7	0°31	19° 1	21°43	26°57	28°26	24°22	24°35	17°53	3° 3	W 2
T 3	3 22 3	19° 9'27	2♌42	23°43	6°18	22°52	0°40	19° 3	21°46	26°59	28°26	24°22	24°32	17°59	3°10	T 3
F 4	3 25 59	20°10'04	15°29	25°17	7°20	23°37	0°49	19° 5	21°48	27° 1	28°27	24°R22	24°29	18° 6	3°17	F 4
S 5	3 29 56	21°10'42	28°39	26°51	8°22	24°23	0°57	19° 7	21°50	27° 3	28°28	24°22	24°26	18°13	3°24	S 5
S 6	3 33 52	22°11'22	12♍13	28°24	9°24	25° 8	1° 6	19° 9	21°53	27° 5	28°28	24°22	24°22	18°19	3°31	S 6
M 7	3 37 49	23°12'04	26°14	29°58	10°25	25°53	1°16	19°12	21°55	27° 8	28°29	24°22	24°19	18°26	3°38	M 7
T 8	3 41 45	24°12'47	10♎40	1♐31	11°26	26°39	1°25	19°14	21°57	27°10	28°29	24°D22	24°16	18°33	3°46	T 8
W 9	3 45 42	25°13'33	25°29	3° 4	12°26	27°24	1°34	19°17	22° 0	27°12	28°29	24°22	24°13	18°39	3°53	W 9
T 10	3 49 38	26°14'19	10♏33	4°37	13°26	28°10	1°44	19°19	22° 2	27°14	28°30	24°22	24°10	18°46	4° 0	T 10
F 11	3 53 35	27°15'07	25°46	6° 9	14°26	28°55	1°53	19°22	22° 4	27°16	28°30	24°R22	24° 7	18°52	4° 7	F 11
S 12	3 57 32	28°15'57	10♐57	7°42	15°25	29°41	2° 3	19°25	22° 6	27°18	28°31	24°22	24° 3	18°59	4°15	S 12
S 13	4 1 28	29°16'47	25°57	9°15	16°24	0♒27	2°13	19°28	22° 8	27°20	28°31	24°22	24° 0	19° 6	4°22	S 13
M14	4 5 25	0♐17'39	10♑37	10°47	17°23	1°12	2°23	19°31	22°10	27°22	28°31	24°21	23°57	19°12	4°29	M14
T 15	4 9 21	1°18'32	24°52	12°19	18°20	1°58	2°33	19°34	22°12	27°24	28°31	24°20	23°54	19°19	4°36	T 15
W16	4 13 18	2°19'25	8♒41	13°51	19°18	2°44	2°44	19°37	22°14	27°26	28°32	24°20	23°51	19°26	4°44	W16
T 17	4 17 14	3°20'20	22° 2	15°23	20°15	3°29	2°54	19°40	22°15	27°27	28°32	24°19	23°47	19°32	4°51	T 17
F 18	4 21 11	4°21'15	4♓57	16°55	21°11	4°15	3° 4	19°44	22°17	27°29	28°32	24°D19	23°44	19°39	4°58	F 18
S 19	4 25 8	5°22'11	17°31	18°27	22° 7	5° 1	3°15	19°47	22°19	27°31	28°32	24°19	23°41	19°46	5° 5	S 19
S 20	4 29 4	6°23'07	29°48	19°58	23° 2	5°47	3°26	19°51	22°21	27°33	28°32	24°20	23°38	19°52	5°13	S 20
M21	4 33 1	7°24'05	11♈51	21°29	23°56	6°33	3°36	19°54	22°22	27°35	28°32	24°21	23°35	19°59	5°20	M21
T 22	4 36 57	8°25'03	23°45	23° 0	24°50	7°18	3°47	19°58	22°24	27°37	28°R32	24°22	23°32	20° 6	5°27	T 22
W23	4 40 54	9°26'02	5♉33	24°30	25°43	8° 4	3°58	20° 2	22°25	27°38	28°32	24°24	23°28	20°12	5°34	W23
T 24	4 44 50	10°27'01	17°20	26° 0	26°36	8°50	4°10	20° 6	22°27	27°40	28°32	24°25	23°25	20°19	5°42	T 24
F 25	4 48 47	11°28'02	29° 9	27°30	27°28	9°36	4°21	20°10	22°28	27°42	28°32	24°R25	23°22	20°25	5°49	F 25
S 26	4 52 43	12°29'03	11♊ 1	28°59	28°19	10°22	4°32	20°14	22°29	27°44	28°32	24°24	23°19	20°32	5°56	S 26
S 27	4 56 40	13°30'05	22°58	0♑27	29° 9	11° 8	4°43	20°18	22°31	27°45	28°32	24°22	23°16	20°39	6° 3	S 27
M28	5 0 37	14°31'08	5♋ 3	1°54	29°58	11°54	4°55	20°22	22°32	27°47	28°32	24°19	23°13	20°45	6°10	M28
T 29	5 4 33	15°32'12	17°17	3°20	0♒47	12°40	5° 7	20°26	22°33	27°49	28°31	24°16	23° 9	20°52	6°18	T 29
W30	5 8 30	16♐33'16	29♋42	4♑44	1♒35	13♒26	5♒18	20♒31	22♍34	27♎50	28♌31	24♉12	23♉ 6	20♉59	6♐25	W30

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	
T 1	17s 0	26n55	3n40	18s33	0s37	26s41	3s14	23s27	1s39	20s52	0s45	16s35	1s29	3n59	0n44	8s47	1n44	23n15	11n59	18n55	18n59	16n35	16s54	3n59	T 1
W 2	17 17	26 19	4 23	19 4	0 44	26 39	3 15	23 19	1 39	20 50	0 45	16 34	1 29	3 58	0 44	8 48	1 44	23 15	11 59	18 55	18 58	16 38	16 55	3 59	W 2
T 3	17 34	24 24	4 56	19 34	0 50	26 36	3 14	23 10	1 38	20 48	0 45	16 34	1 29	3 58	0 45	8 48	1 44	23 15	12 0	18 55	18 58	16 41	16 56	3 59	T 3
F 4	17 50	21 14	5 14	20 3	0 56	26 32	3 14	23 2	1 37	20 46	0 45	16 33	1 29	3 57	0 45	8 49	1 44	23 15	12 0	18 55	18 57	16 43	16 58	3 59	F 4
S 5	18 6	16 56	5 17	20 31	1 2	26 28	3 14	22 53	1 36	20 44	0 45	16 32	1 29	3 56	0 45	8 50	1 45	23 16	12 1	18 55	18 56	16 46	16 59	3 59	S 5
S 6	18 22	11 39	5 3	20 58	1 8	26 23	3 13	22 44	1 36	20 42	0 45	16 31	1 29	3 55	0 45	8 50	1 45	23 16	12 1	18 55	18 55	16 49	17 0	3 59	S 6
M 7	18 38	5 38	4 30	21 24	1 14	26 18	3 13	22 35	1 35	20 40	0 45	16 31	1 28	3 54	0 45	8 51	1 45	23 16	12 1	18 55	18 54	16 51	17 1	3 59	M 7
T 8	18 53	0s52	3 40	21 49	1 19	26 12	3 12	22 26	1 34	20 38	0 45	16 30	1 28	3 53	0 45	8 52	1 45	23 16	12 2	18 55	18 54	16 54	17 3	3 59	T 8
W 9	19 8	7 29	2 34	22 13	1 25	26 6	3 11	22 16	1 34	20 36	0 45	16 29	1 28	3 52	0 45	8 53	1 45	23 17	12 2	18 55	18 53	16 57	17 4	4 0	W 9
T 10	19 22	13 50	1 16	22 36	1 30	25 58	3 10	22 6	1 33	20 34	0 45	16 28	1 28	3 51	0 45	8 53	1 45	23 17	12 3	18 55	18 52	16 59	17 5	4 0	T 10
F 11	19 36	19 23	0s 8	22 57	1 35	25 51	3 8	21 56	1 32	20 32	0 45	16 27	1 28	3 51	0 45	8 54	1 45	23 17	12 3	18 55	18 51	17 2	17 6	4 0	F 11
S 12	19 50	23 39	1 31	23 18	1 40	25 42	3 7	21 46	1 31	20 30	0 45	16 26	1 28	3 50	0 45	8 55	1 45	23 17	12 4	18 55	18 51	17 5	17 7	4 0	S 12
S 13	20 3	26 14	2 47	23 37	1 44	25 33	3 5	21 35	1 31	20 27	0 45	16 25	1 28	3 49	0 45	8 55	1 45	23 18	12 4	18 55	18 50	17 7	17 9	4 0	S 13
M14	20 16	26 54	3 50	23 56	1 49	25 24	3 3	21 25	1 30	20 25	0 45	16 24	1 28	3 48	0 45	8 56	1 45	23 18	12 4	18 55	18 49	17 10	17 10	4 0	M14
T 15	20 29	25 45	4 37	24 12	1 53	25 14	3 1	21 14	1 29	20 23	0 45	16 23	1 28	3 48	0 45	8 57	1 45	23 18	12 5	18 55	18 48	17 13	17 11	4 0	T 15
W16	20 41	23 4	5 6	24 28	1 57	25 4	2 58	21 2	1 28	20 20	0 45	16 22	1 28	3 47	0 45	8 57	1 45	23 19	12 5	18 55	18 47	17 15	17 12	4 1	W16
T 17	20 53	19 12	5 17	24 42	2 1	24 53	2 56	20 51	1 27	20 18	0 45	16 21	1 28	3 46	0 45	8 58	1 45	23 19	12 6	18 54	18 47	17 18	17 13	4 1	T 17
F 18	21 5	14 33	5 12	24 55	2 4	24 41	2 53	20 39	1 27	20 15	0 45	16 20	1 28	3 46	0 45	8 59	1 45	23 19	12 6	18 54	18 46	17 21	17 14	4 1	F 18
S 19	21 16	9 25	4 52	25 7	2 7	24 29	2 50	20 28	1 26	20 13	0 45	16 19	1 28	3 45	0 45	8 59	1 45	23 20	12 7	18 54	18 45	17 23	17 15	4 1	S 19
S 20	21 26	4 2	4 19	25 17	2 10	24 17	2 47	20 15	1 25	20 10	0 45	16 17	1 27	3 44	0 45	9 0	1 45	23 20	12 7	18 55	18 44	17 26	17 17	4 1	S 20
M21	21 37	1n24	3 35	25 26	2 12	24 4	2 44	20 3	1 24	20 8	0 45	16 16	1 27	3 44	0 45	9 1	1 45	23 20	12 8	18 55	18 43	17 29	17 18	4 1	M21
T 22	21 46	6 44	2 42	25 34	2 14	23 51	2 40	19 51	1 24	20 5	0 45	16 15	1 27	3 43	0 45	9 1	1 45	23 21	12 8	18 55	18 43	17 31	17 19	4 2	T 22
W23	21 56	11 48	1 43	25 40	2 16	23 37	2 36	19 38	1 23	20 3	0 45	16 14	1 27	3 43	0 45	9 2	1 45	23 21	12 8	18 56	18 42	17 34	17 20	4 2	W23
T 24	22 5	16 26	0 39	25 44	2 17	23 23	2 32	19 25	1 22	20 0	0 45	16 12	1 27	3 42	0 45	9 2	1 45	23 22	12 9	18 56	18 41	17 37	17 21	4 2	T 24
F 25	22 13	20 27	0n26	25 47	2 18	23 9	2 28	19 12	1 21	19 57	0 45	16 11	1 27	3 41	0 45	9 3	1 45	23 22	12 9	18 56	18 40	17 39	17 22	4 2	F 25
S 26	22 22	23 39	1 31	25 48	2 18	22 54	2 23	18 59	1 20	19 55	0 45	16 10	1 27	3 41	0 45	9 4	1 45	23 23	12 10	18 56	18 39	17 42	17 23	4 2	S 26
S 27	22 29	25 51	2 31	25 48	2 18	22 39	2 19	18 46	1 20	19 52	0 45	16 8	1 27	3 41	0 45	9 4	1 45	23 23	12 10	18 55	18 39	17 44	17 24	4 3	S 27
M28	22 37	26 51	3 26	25 47	2 17	22 23	2 14	18 32	1 19	19 49	0 45	16 7	1 27	3 40	0 45	9 5	1 45	23 23	12 11	18 54	18 38	17 47	17 25	4 3	M28
T 29	22 43	26 33	4 12	25 44	2 16	22 8	2 8	18 18	1 18	19 46	0 45	16 5	1 27	3 40	0 45	9 5	1 45	23 24	12 11	18 54	18 37	17 50	17 26	4 3	T 29
W30	22s50	24n56	4n46	25s39	2s14	21s52	2s 3	18s 4	1s17	19s43	0s45	16s 4	1s27	3n39	0n46	9s 6	1n45	23n24	12n11	18n53	18n36	17n52	17s27	4n 3	W30

Julian Day Number = 2255722.5, Delta T = 06m04s
Ecliptic obliquity = 23°30'37, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°15'36, Lahiri = 16°22'36 Julian Calendar 1 Nov. 1463 == Greg. Calendar 10 Nov. 1463

ASTRODIENST EPHEMERIS for the year 1463
geocentric

DECEMBER 1463 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 12 26	17♐34'21	12♌19	6♑ 7	2♒22	14♒12	5♒30	20♒35	22♍35	27♎52	28°R31	24°R 8	23♉ 3	21♉ 5	6♐32	T 1
F 2	5 16 23	18°35'27	25°11	7°29	3° 7	14°57	5°42	20°40	22°36	27°54	28♌31	24♉ 6	23° 0	21°12	6°39	F 2
S 3	5 20 19	19°36'34	8♍20	8°48	3°52	15°43	5°54	20°44	22°37	27°55	28°30	24° 4	22°57	21°19	6°46	S 3
S 4	5 24 16	20°37'42	21°47	10° 5	4°36	16°29	6° 6	20°49	22°38	27°57	28°30	24°D 3	22°53	21°25	6°53	S 4
M 5	5 28 12	21°38'50	5♎34	11°18	5°19	17°15	6°18	20°54	22°39	27°58	28°29	24° 4	22°50	21°32	7° 0	M 5
T 6	5 32 9	22°39'59	19°42	12°29	6° 1	18° 1	6°30	20°59	22°40	28° 0	28°29	24° 5	22°47	21°39	7° 8	T 6
W 7	5 36 6	23°41'09	4♏10	13°35	6°41	18°47	6°43	21° 4	22°41	28° 1	28°29	24° 7	22°44	21°45	7°15	W 7
T 8	5 40 2	24°42'20	18°55	14°36	7°21	19°33	6°55	21° 9	22°41	28° 3	28°28	24°R 8	22°41	21°52	7°22	T 8
F 9	5 43 59	25°43'31	3♐51	15°33	7°59	20°19	7° 7	21°14	22°42	28° 4	28°28	24° 8	22°38	21°59	7°29	F 9
S 10	5 47 55	26°44'43	18°52	16°23	8°35	21° 5	7°20	21°19	22°42	28° 5	28°27	24° 6	22°34	22° 5	7°36	S 10
S 11	5 51 52	27°45'55	3♑48	17° 6	9°11	21°51	7°33	21°24	22°43	28° 7	28°27	24° 2	22°31	22°12	7°43	S 11
M12	5 55 48	28°47'07	18°31	17°41	9°45	22°37	7°45	21°29	22°43	28° 8	28°26	23°57	22°28	22°18	7°49	M12
T 13	5 59 45	29°48'20	2♒54	18° 8	10°17	23°23	7°58	21°35	22°44	28° 9	28°25	23°51	22°25	22°25	7°56	T 13
W14	6 3 42	0♑49'32	16°51	18°24	10°48	24° 9	8°11	21°40	22°44	28°11	28°25	23°46	22°22	22°32	8° 3	W14
T 15	6 7 38	1°50'44	0♓21	18°R31	11°18	24°55	8°24	21°46	22°44	28°12	28°24	23°40	22°19	22°38	8°10	T 15
F 16	6 11 35	2°51'56	13°23	18°26	11°45	25°41	8°37	21°51	22°45	28°13	28°23	23°37	22°15	22°45	8°17	F 16
S 17	6 15 31	3°53'07	26° 1	18° 9	12°11	26°27	8°50	21°57	22°45	28°14	28°23	23°35	22°12	22°52	8°24	S 17
S 18	6 19 28	4°54'19	8♈19	17°41	12°36	27°13	9° 3	22° 3	22°45	28°15	28°22	23°D34	22° 9	22°58	8°30	S 18
M19	6 23 24	5°55'30	20°21	17° 0	12°58	27°59	9°16	22° 8	22°45	28°17	28°21	23°35	22° 6	23° 5	8°37	M19
T 20	6 27 21	6°56'40	2♉13	16° 9	13°18	28°45	9°29	22°14	22°R45	28°18	28°20	23°37	22° 3	23°12	8°44	T 20
W21	6 31 17	7°57'51	14° 0	15° 8	13°37	29°31	9°42	22°20	22°45	28°19	28°19	23°39	21°59	23°18	8°50	W21
T 22	6 35 14	8°59'01	25°47	13°59	13°53	0♓17	9°56	22°26	22°45	28°20	28°19	23°R39	21°56	23°25	8°57	T 22
F 23	6 39 11	10° 0'10	7♊38	12°43	14° 7	1° 3	10° 9	22°32	22°45	28°21	28°18	23°38	21°53	23°32	9° 3	F 23
S 24	6 43 7	11° 1'19	19°35	11°24	14°19	1°49	10°23	22°38	22°44	28°22	28°17	23°34	21°50	23°38	9°10	S 24
S 25	6 47 4	12° 2'28	1♋43	10° 4	14°29	2°35	10°36	22°44	22°44	28°23	28°16	23°29	21°47	23°45	9°16	S 25
M26	6 51 0	13° 3'37	14° 1	8°45	14°37	3°21	10°50	22°50	22°44	28°24	28°15	23°21	21°44	23°52	9°23	M26
T 27	6 54 57	14° 4'45	26°32	7°30	14°42	4° 6	11° 3	22°56	22°43	28°24	28°14	23°11	21°40	23°58	9°29	T 27
W28	6 58 53	15° 5'53	9♌16	6°21	14°44	4°52	11°17	23° 2	22°43	28°25	28°13	23° 1	21°37	24° 5	9°36	W28
T 29	7 2 50	16° 7'00	22°12	5°19	14°R45	5°38	11°30	23° 9	22°43	28°26	28°12	22°52	21°34	24°11	9°42	T 29
F 30	7 6 46	17° 8'08	5♍19	4°26	14°42	6°24	11°44	23°15	22°42	28°27	28°11	22°44	21°31	24°18	9°48	F 30
S 31	7 10 43	18♑ 9'14	18♍39	3♑42	14♒38	7♓10	11♒58	23♒21	22♍41	28♎28	28♌10	22♉37	21♉28	24♉25	9♐54	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	22s56	22n 4	5n 8	25s33	2s11	21s35	1s57	17s50	1s16	19s40	0s45	16s 2	1s27	3n39	0n46	9s 6	1n45	23n25	12n12	18n52	18n35	17n55	17s28	4n 4
F 2	23 1	18 6	5 14	25 25	2 7	21 19	1 51	17 36	1 15	19 37	0 45	16 1	1 27	3 38	0 46	9 7	1 46	23 25	12 12	18 51	18 35	17 57	17 29	4 4
S 3	23 6	13 11	5 5	25 16	2 3	21 2	1 44	17 21	1 15	19 35	0 45	15 59	1 27	3 38	0 46	9 7	1 46	23 26	12 13	18 51	18 34	18 0	17 30	4 4
S 4	23 11	7 32	4 39	25 5	1 58	20 45	1 38	17 7	1 14	19 32	0 45	15 58	1 26	3 38	0 46	9 8	1 46	23 26	12 13	18 51	18 33	18 3	17 30	4 4
M 5	23 15	1 23	3 56	24 53	1 52	20 28	1 31	16 52	1 13	19 28	0 45	15 56	1 26	3 38	0 46	9 8	1 46	23 27	12 14	18 51	18 32	18 5	17 31	4 5
T 6	23 18	4s59	2 58	24 40	1 45	20 10	1 24	16 37	1 12	19 25	0 45	15 55	1 26	3 37	0 46	9 9	1 46	23 27	12 14	18 51	18 31	18 8	17 32	4 5
W 7	23 22	11 16	1 47	24 26	1 38	19 53	1 16	16 22	1 11	19 22	0 45	15 53	1 26	3 37	0 46	9 9	1 46	23 28	12 14	18 51	18 31	18 10	17 33	4 5
T 8	23 24	17 2	0 29	24 11	1 29	19 35	1 8	16 7	1 10	19 19	0 45	15 51	1 26	3 37	0 46	9 10	1 46	23 29	12 15	18 52	18 30	18 13	17 34	4 5
F 9	23 26	21 51	0s53	23 54	1 19	19 18	1 0	15 51	1 10	19 16	0 45	15 50	1 26	3 37	0 46	9 10	1 46	23 29	12 15	18 52	18 29	18 16	17 35	4 6
S 10	23 28	25 13	2 11	23 37	1 8	19 0	0 52	15 36	1 9	19 13	0 45	15 48	1 26	3 36	0 46	9 11	1 46	23 30	12 16	18 51	18 28	18 18	17 36	4 6
S 11	23 29	26 47	3 20	23 20	0 55	18 42	0 43	15 20	1 8	19 10	0 45	15 46	1 26	3 36	0 46	9 11	1 46	23 30	12 16	18 50	18 27	18 21	17 36	4 6
M12	23 30	26 25	4 14	23 2	0 42	18 24	0 34	15 4	1 7	19 6	0 45	15 44	1 26	3 36	0 46	9 12	1 46	23 31	12 16	18 49	18 27	18 23	17 37	4 7
T 13	23 31	24 17	4 51	22 43	0 27	18 6	0 24	14 48	1 6	19 3	0 45	15 43	1 26	3 36	0 46	9 12	1 46	23 31	12 17	18 48	18 26	18 26	17 38	4 7
W14	23 30	20 44	5 9	22 25	0 11	17 49	0 15	14 32	1 5	19 0	0 45	15 41	1 26	3 36	0 46	9 12	1 46	23 32	12 17	18 46	18 25	18 28	17 39	4 7
T 15	23 30	16 12	5 9	22 8	0n 6	17 31	0 5	14 16	1 4	18 56	0 45	15 39	1 26	3 36	0 46	9 13	1 46	23 33	12 18	18 45	18 24	18 31	17 40	4 8
F 16	23 29	11 3	4 53	21 51	0 24	17 13	0n 6	14 0	1 4	18 53	0 45	15 37	1 26	3 36	0 46	9 13	1 46	23 33	12 18	18 44	18 23	18 33	17 40	4 8
S 17	23 27	5 36	4 23	21 34	0 43	16 56	0 17	13 43	1 3	18 49	0 45	15 35	1 26	3 36	0 46	9 13	1 46	23 34	12 18	18 43	18 22	18 36	17 41	4 8
S 18	23 25	0 5	3 42	21 19	1 2	16 38	0 28	13 26	1 2	18 46	0 45	15 33	1 26	3 36	0 46	9 14	1 46	23 35	12 19	18 43	18 22	18 39	17 42	4 9
M19	23 23	5n20	2 51	21 5	1 22	16 21	0 39	13 10	1 1	18 43	0 45	15 31	1 26	3 36	0 46	9 14	1 46	23 35	12 19	18 44	18 21	18 41	17 42	4 9
T 20	23 20	10 30	1 54	20 52	1 41	16 4	0 51	12 53	1 0	18 39	0 45	15 29	1 26	3 36	0 46	9 15	1 46	23 36	12 19	18 44	18 20	18 44	17 43	4 9
W21	23 16	15 16	0 52	20 40	2 0	15 47	1 3	12 36	0 59	18 35	0 45	15 27	1 26	3 36	0 46	9 15	1 47	23 36	12 20	18 44	18 19	18 46	17 44	4 10
T 22	23 12	19 27	0n12	20 30	2 17	15 30	1 15	12 19	0 58	18 32	0 45	15 26	1 26	3 36	0 46	9 15	1 47	23 37	12 20	18 44	18 18	18 49	17 44	4 10
F 23	23 8	22 53	1 15	20 21	2 34	15 14	1 28	12 2	0 58	18 28	0 45	15 24	1 26	3 36	0 46	9 15	1 47	23 38	12 21	18 44	18 18	18 51	17 45	4 10
S 24	23 3	25 21	2 16	20 14	2 48	14 58	1 41	11 45	0 57	18 25	0 45	15 22	1 26	3 36	0 47	9 16	1 47	23 38	12 21	18 43	18 17	18 54	17 46	4 11
S 25	22 58	26 41	3 11	20 8	3 0	14 43	1 54	11 27	0 56	18 21	0 45	15 19	1 26	3 36	0 47	9 16	1 47	23 39	12 21	18 42	18 16	18 56	17 46	4 11
M26	22 52	26 42	3 58	20 4	3 10	14 27	2 8	11 10	0 55	18 17	0 45	15 17	1 25	3 36	0 47	9 16	1 47	23 40	12 22	18 40	18 15	18 59	17 47	4 11
T 27	22 46	25 23	4 34	20 1	3 17	14 13	2 22	10 52	0 54	18 14	0 45	15 15	1 25	3 37	0 47	9 17	1 47	23 40	12 22	18 38	18 14	19 1	17 47	4 12
W28	22 39	22 46	4 57	20 0	3 22	13 58	2 36	10 35	0 53	18 10	0 45	15 13	1 25	3 37	0 47	9 17	1 47	23 41	12 22	18 35	18 13	19 4	17 48	4 12
T 29	22 32	18 58	5 6	20 0	3 24	13 44	2 50	10 17	0 52	18 6	0 45	15 11	1 25	3 37	0 47	9 17	1 47	23 42	12 23	18 33	18 13	19 6	17 48	4 13
F 30	22 25	14 13	4 59	20 2	3 24	13 31	3 5	9 59	0 52	18 2	0 45	15 9	1 25	3 37	0 47	9 17	1 47	23 42	12 23	18 30	18 12	19 9	17 49	4 13
S 31	22s17	8n43	4n35	20s 6	3n22	13s18	3n20	9s42	0s51	17s58	0s45	15s 7	1s25	3n38	0n47	9s17	1n47	23n43	12n23	18n29	18n11	19n11	17s49	4n13

Julian Day Number = 2255752.5, Delta T = 06m04s
Ecliptic obliquity = 23°30'37, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°15'40, Lahiri = 16°22'40 Julian Calendar 1 Dec. 1463 == Greg. Calendar 10 Dec. 1463