Astrodienst Ephemeris Tables

for the year 1623

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 1623
geocentric

JANUARY 1623 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 6	10♑24'34	8♑16	17♐41	27♐23	8♏ 9	26°R 7	3°R12	11°R19	18♎13	13°R29	7°R56	6♏38	13♉19	10♓12	S 1
M 2	6 45 3	11°25'46	22°39	18°26	28°39	8°45	25♋59	3♌ 7	11♌16	18°14	13♉28	7♏46	6°34	13°25	10°15	M 2
T 3	6 49 0	12°26'57	6♒42	19°15	29°54	9°22	25°52	3° 3	11°14	18°14	13°28	7°35	6°31	13°32	10°17	T 3
W 4	6 52 56	13°28'08	20°22	20° 9	1♑ 9	9°58	25°44	2°58	11°12	18°15	13°27	7°24	6°28	13°38	10°19	W 4
T 5	6 56 53	14°29'19	3♓37	21° 6	2°25	10°35	25°36	2°54	11°10	18°16	13°27	7°15	6°25	13°45	10°22	T 5
F 6	7 0 49	15°30'29	16°26	22° 7	3°40	11°11	25°29	2°49	11° 8	18°16	13°26	7° 9	6°22	13°52	10°24	F 6
S 7	7 4 46	16°31'38	28°53	23°10	4°56	11°48	25°21	2°45	11° 5	18°16	13°26	7° 5	6°18	13°58	10°27	S 7
S 8	7 8 42	17°32'47	11♈ 2	24°17	6°11	12°24	25°13	2°40	11° 3	18°17	13°25	7° 3	6°15	14° 5	10°30	S 8
M 9	7 12 39	18°33'55	22°58	25°25	7°26	13° 0	25° 5	2°35	11° 1	18°17	13°25	7°D 3	6°12	14°12	10°32	M 9
T 10	7 16 35	19°35'02	4♉47	26°36	8°42	13°36	24°57	2°31	10°58	18°18	13°25	7°R 4	6° 9	14°18	10°35	T 10
W11	7 20 32	20°36'09	16°34	27°48	9°57	14°13	24°49	2°26	10°56	18°18	13°24	7° 3	6° 6	14°25	10°38	W11
T 12	7 24 29	21°37'15	28°24	29° 3	11°12	14°49	24°41	2°21	10°53	18°18	13°24	7° 1	6° 3	14°32	10°40	T 12
F 13	7 28 25	22°38'20	10♊22	0♑19	12°28	15°25	24°33	2°16	10°51	18°18	13°24	6°57	5°59	14°38	10°43	F 13
S 14	7 32 22	23°39'24	22°33	1°36	13°43	16° 1	24°25	2°11	10°49	18°19	13°23	6°49	5°56	14°45	10°46	S 14
S 15	7 36 18	24°40'28	4♋57	2°55	14°58	16°37	24°17	2° 7	10°46	18°19	13°23	6°39	5°53	14°52	10°49	S 15
M16	7 40 15	25°41'31	17°37	4°15	16°14	17°13	24° 9	2° 2	10°44	18°19	13°23	6°27	5°50	14°58	10°52	M16
T 17	7 44 11	26°42'33	0♌33	5°36	17°29	17°49	24° 1	1°57	10°41	18°19	13°23	6°13	5°47	15° 5	10°55	T 17
W18	7 48 8	27°43'34	13°43	6°58	18°44	18°25	23°53	1°52	10°39	18°19	13°22	6° 0	5°44	15°12	10°58	W18
T 19	7 52 4	28°44'35	27° 7	8°22	20° 0	19° 1	23°45	1°47	10°36	18°R19	13°22	5°48	5°40	15°18	11° 1	T 19
F 20	7 56 1	29°45'34	10♍40	9°46	21°15	19°37	23°37	1°42	10°34	18°19	13°22	5°38	5°37	15°25	11° 4	F 20
S 21	7 59 58	0♒46'33	24°23	11°11	22°30	20°13	23°29	1°37	10°31	18°19	13°22	5°31	5°34	15°31	11° 7	S 21
S 22	8 3 54	1°47'32	8♎12	12°37	23°46	20°48	23°21	1°32	10°28	18°19	13°22	5°28	5°31	15°38	11°10	S 22
M23	8 7 51	2°48'30	22° 8	14° 4	25° 1	21°24	23°13	1°27	10°26	18°19	13°22	5°26	5°28	15°45	11°13	M23
T 24	8 11 47	3°49'27	6♏ 9	15°32	26°16	22° 0	23° 5	1°22	10°23	18°19	13°22	5°26	5°24	15°51	11°16	T 24
W25	8 15 44	4°50'24	20°16	17° 0	27°32	22°35	22°57	1°18	10°21	18°19	13°21	5°26	5°21	15°58	11°20	W25
T 26	8 19 40	5°51'20	4♐27	18°30	28°47	23°11	22°50	1°13	10°18	18°18	13°21	5°24	5°18	16° 5	11°23	T 26
F 27	8 23 37	6°52'15	18°41	20° 0	0♒ 2	23°47	22°42	1° 8	10°15	18°18	13°D21	5°19	5°15	16°11	11°26	F 27
S 28	8 27 33	7°53'09	2♑54	21°31	1°18	24°22	22°34	1° 3	10°13	18°18	13°21	5°12	5°12	16°18	11°29	S 28
S 29	8 31 30	8°54'03	17° 4	23° 2	2°33	24°58	22°27	0°58	10°10	18°18	13°21	5° 2	5° 9	16°25	11°33	S 29
M30	8 35 27	9°54'55	1♒ 4	24°35	3°48	25°33	22°20	0°53	10° 7	18°17	13°22	4°49	5° 5	16°31	11°36	M30
T 31	8 39 23	10♒55'46	14♒50	26♑ 8	5♒ 3	26♏ 8	22♋12	0♌48	10♌ 5	18♎17	13♉22	4♏36	5♏ 2	16♉38	11♓40	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	23s 5	18s50	4n24	20s35	2n20	23s22	0n 6	13s14	1n 4	21n25	0n28	19n58	0n30	18n 5	0n41	5s37	1n41	1n20	15s15	14s11	13s45	15n18	3s25	4n41
M 2	23 0	16 46	4 53	20 48	2 12	23 25	0 3	13 26	1 4	21 27	0 28	19 59	0 30	18 5	0 41	5 37	1 41	1 20	15 15	14 8	13 44	15 19	3 25	4 40
T 3	22 54	13 44	5 3	21 1	2 3	23 28	0 1	13 38	1 4	21 28	0 28	20 1	0 30	18 6	0 41	5 37	1 41	1 21	15 14	14 4	13 43	15 20	3 24	4 40
W 4	22 48	10 3	4 56	21 14	1 54	23 31	0s 2	13 50	1 3	21 30	0 28	20 2	0 31	18 6	0 41	5 37	1 41	1 21	15 14	14 0	13 42	15 21	3 24	4 40
T 5	22 42	5 58	4 32	21 27	1 45	23 32	0 4	14 2	1 3	21 32	0 28	20 3	0 31	18 7	0 41	5 37	1 41	1 21	15 14	13 58	13 41	15 22	3 23	4 39
F 6	22 35	1 45	3 56	21 40	1 36	23 33	0 7	14 13	1 3	21 33	0 29	20 4	0 31	18 8	0 41	5 37	1 41	1 21	15 13	13 56	13 40	15 23	3 22	4 39
S 7	22 28	2n26	3 9	21 52	1 27	23 33	0 9	14 25	1 2	21 35	0 29	20 5	0 31	18 8	0 41	5 37	1 41	1 21	15 13	13 54	13 39	15 24	3 22	4 39
S 8	22 20	6 26	2 14	22 4	1 17	23 32	0 11	14 36	1 2	21 36	0 29	20 6	0 31	18 9	0 41	5 38	1 41	1 21	15 13	13 54	13 38	15 26	3 21	4 39
M 9	22 12	10 6	1 14	22 16	1 8	23 31	0 14	14 47	1 2	21 38	0 29	20 8	0 31	18 10	0 41	5 38	1 41	1 22	15 13	13 54	13 37	15 27	3 20	4 38
T 10	22 3	13 20	0 12	22 27	0 59	23 28	0 16	14 59	1 1	21 40	0 29	20 9	0 31	18 10	0 41	5 38	1 41	1 22	15 12	13 54	13 36	15 28	3 19	4 38
W11	21 54	16 1	0s50	22 38	0 50	23 25	0 19	15 10	1 1	21 41	0 29	20 10	0 31	18 11	0 41	5 38	1 41	1 22	15 12	13 54	13 35	15 29	3 19	4 38
T 12	21 45	18 2	1 51	22 48	0 41	23 22	0 21	15 21	1 1	21 43	0 29	20 11	0 32	18 12	0 41	5 38	1 41	1 22	15 12	13 53	13 34	15 30	3 18	4 38
F 13	21 35	19 18	2 47	22 57	0 33	23 17	0 23	15 32	1 0	21 44	0 30	20 12	0 32	18 12	0 41	5 38	1 41	1 22	15 11	13 52	13 33	15 31	3 17	4 37
S 14	21 25	19 40	3 36	23 5	0 24	23 12	0 26	15 42	1 0	21 46	0 30	20 14	0 32	18 13	0 41	5 38	1 41	1 23	15 11	13 49	13 32	15 32	3 16	4 37
S 15	21 14	19 7	4 16	23 12	0 15	23 6	0 28	15 53	0 59	21 47	0 30	20 15	0 32	18 14	0 41	5 38	1 41	1 23	15 11	13 46	13 31	15 33	3 15	4 37
M16	21 3	17 37	4 45	23 18	0 7	23 0	0 30	16 4	0 59	21 49	0 30	20 16	0 32	18 14	0 41	5 38	1 41	1 23	15 10	13 42	13 29	15 35	3 14	4 37
T 17	20 51	15 12	4 59	23 23	0s 1	22 53	0 33	16 14	0 59	21 51	0 30	20 17	0 32	18 15	0 41	5 38	1 42	1 23	15 10	13 37	13 28	15 36	3 13	4 36
W18	20 39	11 59	4 58	23 27	0 9	22 45	0 35	16 25	0 58	21 52	0 30	20 18	0 32	18 16	0 41	5 38	1 42	1 24	15 10	13 33	13 27	15 37	3 13	4 36
T 19	20 27	8 6	4 40	23 30	0 17	22 36	0 37	16 35	0 58	21 54	0 30	20 20	0 32	18 17	0 41	5 38	1 42	1 24	15 9	13 29	13 26	15 38	3 12	4 36
F 20	20 14	3 46	4 7	23 32	0 24	22 27	0 39	16 45	0 57	21 55	0 30	20 21	0 32	18 17	0 41	5 38	1 42	1 24	15 9	13 26	13 25	15 39	3 11	4 36
S 21	20 1	0s48	3 19	23 32	0 32	22 17	0 41	16 55	0 57	21 57	0 31	20 22	0 33	18 18	0 41	5 38	1 42	1 24	15 9	13 23	13 24	15 40	3 10	4 35
S 22	19 48	5 23	2 19	23 32	0 39	22 6	0 43	17 5	0 56	21 58	0 31	20 23	0 33	18 19	0 41	5 38	1 42	1 25	15 8	13 22	13 23	15 41	3 9	4 35
M23	19 34	9 43	1 10	23 30	0 46	21 55	0 45	17 15	0 56	21 59	0 31	20 24	0 33	18 19	0 41	5 37	1 42	1 25	15 8	13 22	13 22	15 42	3 8	4 35
T 24	19 20	13 32	0n 4	23 27	0 52	21 43	0 47	17 24	0 56	22 1	0 31	20 26	0 33	18 20	0 41	5 37	1 42	1 25	15 8	13 22	13 21	15 43	3 7	4 35
W25	19 6	16 36	1 18	23 22	0 59	21 30	0 49	17 34	0 55	22 2	0 31	20 27	0 33	18 21	0 41	5 37	1 42	1 26	15 7	13 21	13 20	15 44	3 6	4 35
T 26	18 51	18 40	2 27	23 17	1 5	21 17	0 51	17 43	0 55	22 4	0 31	20 28	0 33	18 22	0 41	5 37	1 42	1 26	15 7	13 21	13 19	15 45	3 5	4 34
F 27	18 35	19 34	3 27	23 10	1 11	21 3	0 53	17 53	0 54	22 5	0 31	20 29	0 33	18 22	0 41	5 37	1 42	1 26	15 7	13 19	13 18	15 47	3 4	4 34
S 28	18 20	19 13	4 15	23 2	1 17	20 48	0 55	18 2	0 54	22 6	0 31	20 30	0 33	18 23	0 41	5 37	1 42	1 26	15 6	13 17	13 17	15 48	3 3	4 34
S 29	18 4	17 40	4 46	22 52	1 22	20 33	0 57	18 11	0 53	22 8	0 31	20 32	0 33	18 24	0 41	5 37	1 42	1 27	15 6	13 13	13 16	15 49	3 2	4 34
M30	17 48	15 5	5 0	22 41	1 27	20 17	0 59	18 20	0 53	22 9	0 31	20 33	0 33	18 24	0 42	5 36	1 42	1 27	15 6	13 9	13 15	15 50	3 0	4 34
T 31	17s31	11s42	4n56	22s28	1s32	20s 1	1s 0	18s29	0n52	22n10	0n32	20n34	0n34	18n25	0n42	5s36	1n42	1n27	15s 5	13s 5	13s14	15n51	2s59	4n33

Julian Day Number = 2313848.5, Delta T = 63.84 sec
Ecliptic obliquity = 23°29'10, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°28'43, Lahiri = 18°35'43Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1623
geocentric

FEBRUARY 1623 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 43 20	11♒56'36	28♒18	27♑42	6♒19	26♏44	22°R 5	0°R44	10°R 2	18°R16	13♉22	4°R24	4♏59	16♉45	11♓43	W 1
T 2	8 47 16	12°57'24	11♓25	29°16	7°34	27°19	21♋58	0♌39	10♌ 0	18♎16	13°22	4♏13	4°56	16°51	11°46	T 2
F 3	8 51 13	13°58'11	24°11	0♒52	8°49	27°54	21°51	0°34	9°57	18°16	13°22	4° 4	4°53	16°58	11°50	F 3
S 4	8 55 9	14°58'57	6♈38	2°28	10° 4	28°29	21°44	0°29	9°54	18°15	13°22	3°59	4°49	17° 5	11°53	S 4
S 5	8 59 6	15°59'41	18°48	4° 5	11°20	29° 4	21°37	0°25	9°52	18°14	13°22	3°56	4°46	17°11	11°57	S 5
M 6	9 3 2	17° 0'23	0♉45	5°43	12°35	29°39	21°31	0°20	9°49	18°14	13°22	3°D55	4°43	17°18	12° 0	M 6
T 7	9 6 59	18° 1'04	12°35	7°21	13°50	0♐14	21°24	0°15	9°47	18°13	13°23	3°R55	4°40	17°24	12° 4	T 7
W 8	9 10 56	19° 1'43	24°22	9° 1	15° 5	0°49	21°18	0°11	9°44	18°13	13°23	3°55	4°37	17°31	12° 7	W 8
T 9	9 14 52	20° 2'21	6♊14	10°41	16°20	1°24	21°11	0° 6	9°41	18°12	13°23	3°54	4°34	17°38	12°11	T 9
F 10	9 18 49	21° 2'57	18°14	12°22	17°35	1°58	21° 5	0° 2	9°39	18°11	13°24	3°50	4°30	17°44	12°15	F 10
S 11	9 22 45	22° 3'31	0♋28	14° 4	18°51	2°33	20°59	29♋58	9°36	18°11	13°24	3°44	4°27	17°51	12°18	S 11
S 12	9 26 42	23° 4'03	12°59	15°47	20° 6	3° 8	20°53	29°53	9°34	18°10	13°24	3°36	4°24	17°58	12°22	S 12
M13	9 30 38	24° 4'33	25°50	17°31	21°21	3°42	20°48	29°49	9°31	18° 9	13°25	3°25	4°21	18° 4	12°26	M13
T 14	9 34 35	25° 5'02	9♌ 1	19°16	22°36	4°17	20°42	29°45	9°29	18° 8	13°25	3°14	4°18	18°11	12°29	T 14
W15	9 38 31	26° 5'29	22°32	21° 2	23°51	4°51	20°37	29°41	9°26	18° 7	13°25	3° 2	4°15	18°18	12°33	W15
T 16	9 42 28	27° 5'54	6♍20	22°48	25° 6	5°25	20°32	29°37	9°24	18° 7	13°26	2°51	4°11	18°24	12°37	T 16
F 17	9 46 25	28° 6'18	20°21	24°36	26°21	6° 0	20°26	29°33	9°21	18° 6	13°26	2°43	4° 8	18°31	12°40	F 17
S 18	9 50 21	29° 6'40	4♎30	26°24	27°36	6°34	20°22	29°29	9°19	18° 5	13°27	2°37	4° 5	18°38	12°44	S 18
S 19	9 54 18	0♓ 7'01	18°42	28°14	28°51	7° 8	20°17	29°25	9°16	18° 4	13°27	2°34	4° 2	18°44	12°48	S 19
M20	9 58 14	1° 7'20	2♏56	0♓ 4	0♓ 6	7°42	20°12	29°21	9°14	18° 3	13°28	2°D33	3°59	18°51	12°52	M20
T 21	10 2 11	2° 7'38	17° 7	1°55	1°21	8°16	20° 8	29°17	9°12	18° 2	13°28	2°34	3°55	18°58	12°55	T 21
W22	10 6 7	3° 7'54	1♐15	3°48	2°36	8°50	20° 4	29°13	9° 9	18° 1	13°29	2°R34	3°52	19° 4	12°59	W22
T 23	10 10 4	4° 8'09	15°18	5°41	3°51	9°23	20° 0	29°10	9° 7	18° 0	13°29	2°34	3°49	19°11	13° 3	T 23
F 24	10 14 0	5° 8'23	29°16	7°34	5° 6	9°57	19°56	29° 6	9° 5	17°59	13°30	2°31	3°46	19°18	13° 7	F 24
S 25	10 17 57	6° 8'35	13♑ 6	9°29	6°21	10°31	19°52	29° 3	9° 3	17°58	13°30	2°26	3°43	19°24	13°11	S 25
S 26	10 21 54	7° 8'45	26°49	11°24	7°36	11° 4	19°48	29° 0	9° 0	17°56	13°31	2°19	3°40	19°31	13°14	S 26
M27	10 25 50	8° 8'54	10♒22	13°20	8°51	11°38	19°45	28°56	8°58	17°55	13°32	2°10	3°36	19°37	13°18	M27
T 28	10 29 47	9♓ 9'01	23♒42	15♓16	10♓ 6	12♐11	19♋42	28♋53	8♌56	17♎54	13♉32	2♏ 0	3♏33	19♉44	13♓22	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s15	7s47	4n35	22s15	1s37	19s44	1s 2	18s38	0n51	22n12	0n32	20n35	0n34	18n26	0n42	5s36	1n42	1n28	15s 5	13s 1	13s13	15n52	2s58	4n33
T 2	16 57	3 36	4 0	21 59	1 41	19 26	1 4	18 46	0 51	22 13	0 32	20 36	0 34	18 27	0 42	5 36	1 42	1 28	15 5	12 57	13 11	15 53	2 57	4 33
F 3	16 40	0n39	3 14	21 43	1 45	19 8	1 5	18 55	0 50	22 14	0 32	20 37	0 34	18 27	0 42	5 36	1 43	1 29	15 4	12 54	13 10	15 54	2 56	4 33
S 4	16 22	4 46	2 19	21 25	1 49	18 50	1 7	19 3	0 50	22 15	0 32	20 38	0 34	18 28	0 42	5 35	1 43	1 29	15 4	12 52	13 9	15 55	2 55	4 33
S 5	16 4	8 36	1 19	21 5	1 52	18 30	1 8	19 11	0 49	22 16	0 32	20 39	0 34	18 29	0 42	5 35	1 43	1 29	15 4	12 51	13 8	15 56	2 54	4 33
M 6	15 46	12 1	0 17	20 44	1 55	18 11	1 10	19 20	0 49	22 17	0 32	20 40	0 34	18 29	0 42	5 35	1 43	1 30	15 3	12 51	13 7	15 57	2 52	4 32
T 7	15 28	14 55	0s46	20 22	1 58	17 50	1 11	19 28	0 48	22 19	0 32	20 42	0 34	18 30	0 42	5 35	1 43	1 30	15 3	12 51	13 6	15 58	2 51	4 32
W 8	15 9	17 11	1 47	19 58	2 0	17 30	1 12	19 35	0 47	22 20	0 32	20 43	0 34	18 31	0 42	5 34	1 43	1 30	15 3	12 51	13 5	15 59	2 50	4 32
T 9	14 50	18 43	2 43	19 33	2 2	17 8	1 13	19 43	0 47	22 21	0 32	20 44	0 34	18 32	0 42	5 34	1 43	1 31	15 2	12 50	13 4	16 0	2 49	4 32
F 10	14 31	19 26	3 33	19 6	2 3	16 47	1 15	19 51	0 46	22 22	0 32	20 45	0 34	18 32	0 42	5 34	1 43	1 31	15 2	12 49	13 3	16 1	2 48	4 32
S 11	14 11	19 16	4 14	18 38	2 5	16 24	1 16	19 58	0 45	22 23	0 32	20 46	0 35	18 33	0 42	5 33	1 43	1 32	15 2	12 47	13 2	16 2	2 46	4 32
S 12	13 51	18 9	4 43	18 8	2 5	16 2	1 17	20 6	0 45	22 24	0 33	20 47	0 35	18 34	0 42	5 33	1 43	1 32	15 1	12 44	13 1	16 3	2 45	4 31
M13	13 31	16 6	5 0	17 36	2 6	15 39	1 18	20 13	0 44	22 25	0 33	20 48	0 35	18 34	0 42	5 33	1 43	1 32	15 1	12 41	13 0	16 4	2 44	4 31
T 14	13 11	13 12	5 1	17 4	2 6	15 15	1 19	20 20	0 43	22 26	0 33	20 49	0 35	18 35	0 42	5 32	1 43	1 33	15 1	12 37	12 59	16 5	2 43	4 31
W15	12 51	9 32	4 45	16 30	2 5	14 51	1 20	20 27	0 43	22 26	0 33	20 50	0 35	18 36	0 42	5 32	1 43	1 33	15 0	12 33	12 58	16 6	2 41	4 31
T 16	12 30	5 17	4 13	15 54	2 4	14 27	1 21	20 34	0 42	22 27	0 33	20 51	0 35	18 36	0 42	5 31	1 43	1 34	15 0	12 29	12 56	16 7	2 40	4 31
F 17	12 9	0 41	3 25	15 17	2 3	14 2	1 21	20 41	0 41	22 28	0 33	20 51	0 35	18 37	0 41	5 31	1 43	1 34	15 0	12 26	12 55	16 8	2 39	4 31
S 18	11 48	3s59	2 24	14 38	2 1	13 37	1 22	20 47	0 40	22 29	0 33	20 52	0 35	18 38	0 41	5 31	1 43	1 35	14 59	12 24	12 54	16 9	2 37	4 31
S 19	11 27	8 28	1 13	13 58	1 58	13 11	1 23	20 54	0 40	22 30	0 33	20 53	0 35	18 38	0 41	5 30	1 43	1 35	14 59	12 23	12 53	16 10	2 36	4 31
M20	11 6	12 29	0n 2	13 16	1 55	12 45	1 23	21 0	0 39	22 30	0 33	20 54	0 35	18 39	0 41	5 30	1 43	1 36	14 59	12 23	12 52	16 11	2 35	4 30
T 21	10 44	15 45	1 17	12 33	1 52	12 19	1 24	21 6	0 38	22 31	0 33	20 55	0 35	18 39	0 41	5 29	1 43	1 36	14 58	12 23	12 51	16 12	2 33	4 30
W22	10 23	18 3	2 27	11 49	1 48	11 53	1 24	21 12	0 37	22 32	0 33	20 56	0 35	18 40	0 41	5 29	1 44	1 36	14 58	12 23	12 50	16 13	2 32	4 30
T 23	10 1	19 14	3 28	11 3	1 43	11 26	1 25	21 18	0 36	22 32	0 33	20 57	0 35	18 41	0 41	5 29	1 44	1 37	14 58	12 23	12 49	16 14	2 31	4 30
F 24	9 39	19 13	4 16	10 16	1 38	10 59	1 25	21 24	0 35	22 33	0 33	20 57	0 35	18 41	0 41	5 28	1 44	1 37	14 57	12 22	12 48	16 15	2 29	4 30
S 25	9 17	18 3	4 49	9 28	1 33	10 31	1 26	21 30	0 35	22 34	0 33	20 58	0 36	18 42	0 41	5 28	1 44	1 38	14 57	12 21	12 47	16 16	2 28	4 30
S 26	8 54	15 51	5 4	8 38	1 26	10 4	1 26	21 35	0 34	22 34	0 33	20 59	0 36	18 42	0 41	5 27	1 44	1 38	14 57	12 18	12 46	16 17	2 27	4 30
M27	8 32	12 49	5 3	7 47	1 19	9 36	1 26	21 41	0 33	22 35	0 33	21 0	0 36	18 43	0 41	5 27	1 44	1 39	14 56	12 15	12 45	16 18	2 25	4 30
T 28	8s 9	9s10	4n44	6s55	1s12	9s 7	1s26	21s46	0n32	22n35	0n33	21n 0	0n36	18n44	0n41	5s26	1n44	1n39	14s56	12s12	12s44	16n19	2s24	4n30

Julian Day Number = 2313879.5, Delta T = 63.76 sec
Ecliptic obliquity = 23°29'10, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°28'47, Lahiri = 18°35'47Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1623
geocentric

MARCH 1623 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 33 43	10♓ 9'06	6♓48	17♓12	11♓21	12♐44	19°R39	28°R50	8°R54	17°R53	13♉33	1°R51	3♏30	19♉51	13♓26	W 1
T 2	10 37 40	11° 9'09	19°39	19° 8	12°36	13°17	19♋36	28♋47	8♌52	17♎52	13°34	1♏43	3°27	19°57	13°30	T 2
F 3	10 41 36	12° 9'10	2♈13	21° 5	13°51	13°50	19°34	28°44	8°50	17°50	13°34	1°37	3°24	20° 4	13°33	F 3
S 4	10 45 33	13° 9'10	14°33	23° 0	15° 6	14°23	19°31	28°41	8°48	17°49	13°35	1°33	3°21	20°11	13°37	S 4
S 5	10 49 29	14° 9'07	26°39	24°55	16°21	14°56	19°29	28°39	8°46	17°48	13°36	1°D31	3°17	20°17	13°41	S 5
M 6	10 53 26	15° 9'02	8♉35	26°49	17°35	15°29	19°27	28°36	8°44	17°47	13°37	1°31	3°14	20°24	13°45	M 6
T 7	10 57 22	16° 8'55	20°24	28°42	18°50	16° 1	19°25	28°33	8°42	17°45	13°37	1°33	3°11	20°31	13°49	T 7
W 8	11 1 19	17° 8'45	2♊12	0♈32	20° 5	16°34	19°24	28°31	8°40	17°44	13°38	1°34	3° 8	20°37	13°52	W 8
T 9	11 5 16	18° 8'34	14° 3	2°21	21°20	17° 6	19°22	28°29	8°38	17°43	13°39	1°R35	3° 5	20°44	13°56	T 9
F 10	11 9 12	19° 8'20	26° 3	4° 6	22°34	17°38	19°21	28°27	8°36	17°41	13°40	1°35	3° 1	20°51	14° 0	F 10
S 11	11 13 9	20° 8'04	8♋17	5°48	23°49	18°10	19°20	28°24	8°34	17°40	13°41	1°33	2°58	20°57	14° 4	S 11
S 12	11 17 5	21° 7'46	20°49	7°27	25° 4	18°42	19°19	28°22	8°33	17°38	13°42	1°29	2°55	21° 4	14° 8	S 12
M13	11 21 2	22° 7'25	3♌43	9° 2	26°19	19°14	19°18	28°20	8°31	17°37	13°43	1°24	2°52	21°11	14°11	M13
T 14	11 24 58	23° 7'03	17° 0	10°32	27°33	19°46	19°18	28°19	8°29	17°35	13°43	1°18	2°49	21°17	14°15	T 14
W15	11 28 55	24° 6'38	0♍42	11°56	28°48	20°17	19°18	28°17	8°28	17°34	13°44	1°12	2°46	21°24	14°19	W15
T 16	11 32 51	25° 6'10	14°46	13°16	0♈ 3	20°49	19°D18	28°15	8°26	17°33	13°45	1° 6	2°42	21°31	14°23	T 16
F 17	11 36 48	26° 5'41	29° 8	14°29	1°17	21°20	19°18	28°14	8°25	17°31	13°46	1° 2	2°39	21°37	14°26	F 17
S 18	11 40 45	27° 5'10	13♎43	15°36	2°32	21°51	19°18	28°12	8°23	17°30	13°47	0°59	2°36	21°44	14°30	S 18
S 19	11 44 41	28° 4'36	28°23	16°36	3°46	22°22	19°19	28°11	8°22	17°28	13°48	0°D58	2°33	21°50	14°34	S 19
M20	11 48 38	29° 4'01	13♏ 2	17°30	5° 1	22°53	19°19	28°10	8°20	17°26	13°49	0°58	2°30	21°57	14°38	M20
T 21	11 52 34	0♈ 3'24	27°35	18°16	6°15	23°24	19°20	28° 9	8°19	17°25	13°50	1° 0	2°26	22° 4	14°41	T 21
W22	11 56 31	1° 2'45	11♐58	18°55	7°30	23°54	19°21	28° 8	8°18	17°23	13°51	1° 1	2°23	22°10	14°45	W22
T 23	12 0 27	2° 2'05	26° 7	19°27	8°44	24°25	19°22	28° 7	8°16	17°22	13°52	1°R 2	2°20	22°17	14°49	T 23
F 24	12 4 24	3° 1'23	10♑ 2	19°51	9°59	24°55	19°24	28° 6	8°15	17°20	13°53	1° 2	2°17	22°24	14°52	F 24
S 25	12 8 20	4° 0'39	23°42	20° 8	11°13	25°25	19°26	28° 6	8°14	17°19	13°54	1° 1	2°14	22°30	14°56	S 25
S 26	12 12 17	4°59'53	7♒ 7	20°17	12°28	25°55	19°27	28° 5	8°13	17°17	13°55	0°58	2°11	22°37	15° 0	S 26
M27	12 16 14	5°59'06	20°17	20°R19	13°42	26°25	19°29	28° 5	8°12	17°15	13°57	0°55	2° 7	22°44	15° 3	M27
T 28	12 20 10	6°58'16	3♓14	20°14	14°56	26°54	19°32	28° 4	8°11	17°14	13°58	0°51	2° 4	22°50	15° 7	T 28
W29	12 24 7	7°57'25	15°57	20° 2	16°11	27°24	19°34	28° 4	8°10	17°12	13°59	0°47	2° 1	22°57	15°11	W29
T 30	12 28 3	8°56'31	28°28	19°44	17°25	27°53	19°37	28°D 4	8° 9	17°11	14° 0	0°44	1°58	23° 4	15°14	T 30
F 31	12 32 0	9♈55'36	10♈46	19♈20	18♈40	28♐22	19♋39	28♋ 4	8♌ 8	17♎ 9	14♉ 1	0♏42	1♏55	23♉10	15♓18	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	7s47	5s 8	4n11	6s 3	1s 4	8s39	1s26	21s51	0n31	22n36	0n33	21n 1	0n36	18n44	0n41	5s26	1n44	1n40	14s56	12s 8	12s42	16n20	2s23	4n30
T 2	7 24	0 57	3 26	5 9	0 55	8 10	1 26	21 56	0 30	22 36	0 33	21 2	0 36	18 45	0 41	5 25	1 44	1 40	14 56	12 6	12 41	16 21	2 21	4 30
F 3	7 1	3n12	2 31	4 15	0 46	7 41	1 26	22 1	0 29	22 36	0 33	21 2	0 36	18 45	0 41	5 25	1 44	1 41	14 55	12 3	12 40	16 22	2 20	4 29
S 4	6 38	7 8	1 30	3 20	0 36	7 12	1 26	22 6	0 28	22 37	0 33	21 3	0 36	18 46	0 41	5 24	1 44	1 41	14 55	12 2	12 39	16 23	2 18	4 29
S 5	6 15	10 42	0 26	2 25	0 26	6 43	1 26	22 11	0 27	22 37	0 33	21 4	0 36	18 46	0 41	5 24	1 44	1 42	14 55	12 2	12 38	16 24	2 17	4 29
M 6	5 52	13 47	0s38	1 30	0 15	6 13	1 25	22 16	0 26	22 37	0 33	21 4	0 36	18 47	0 41	5 23	1 44	1 42	14 54	12 2	12 37	16 25	2 16	4 29
T 7	5 28	16 16	1 41	0 34	0 4	5 44	1 25	22 20	0 25	22 38	0 33	21 5	0 36	18 47	0 41	5 23	1 44	1 43	14 54	12 2	12 36	16 26	2 14	4 29
W 8	5 5	18 3	2 39	0n20	0n 8	5 14	1 25	22 24	0 24	22 38	0 33	21 5	0 36	18 48	0 41	5 22	1 44	1 43	14 54	12 3	12 35	16 27	2 13	4 29
T 9	4 42	19 3	3 30	1 15	0 20	4 44	1 24	22 29	0 23	22 38	0 34	21 6	0 36	18 48	0 41	5 21	1 44	1 44	14 54	12 3	12 34	16 28	2 11	4 29
F 10	4 18	19 12	4 13	2 8	0 33	4 14	1 24	22 33	0 22	22 38	0 34	21 6	0 36	18 49	0 41	5 21	1 44	1 44	14 53	12 3	12 33	16 29	2 10	4 29
S 11	3 55	18 28	4 46	3 1	0 46	3 44	1 23	22 37	0 21	22 39	0 34	21 7	0 36	18 49	0 41	5 20	1 44	1 45	14 53	12 2	12 32	16 30	2 8	4 29
S 12	3 31	16 50	5 5	3 52	0 59	3 13	1 22	22 41	0 20	22 39	0 34	21 7	0 36	18 49	0 41	5 20	1 44	1 45	14 53	12 1	12 30	16 31	2 7	4 29
M13	3 8	14 20	5 10	4 41	1 11	2 43	1 22	22 44	0 18	22 39	0 34	21 8	0 36	18 50	0 41	5 19	1 44	1 46	14 52	11 59	12 29	16 31	2 6	4 29
T 14	2 44	11 1	4 59	5 28	1 24	2 13	1 21	22 48	0 17	22 39	0 34	21 8	0 36	18 50	0 41	5 19	1 44	1 46	14 52	11 57	12 28	16 32	2 4	4 29
W15	2 21	7 1	4 31	6 13	1 37	1 42	1 20	22 52	0 16	22 39	0 34	21 8	0 36	18 51	0 41	5 18	1 44	1 47	14 52	11 55	12 27	16 33	2 3	4 29
T 16	1 57	2 32	3 46	6 56	1 50	1 11	1 19	22 55	0 15	22 39	0 34	21 9	0 36	18 51	0 41	5 17	1 44	1 47	14 52	11 53	12 26	16 34	2 1	4 29
F 17	1 33	2s11	2 45	7 35	2 2	0 41	1 18	22 58	0 14	22 39	0 34	21 9	0 37	18 51	0 41	5 17	1 44	1 48	14 51	11 51	12 25	16 35	2 0	4 29
S 18	1 10	6 51	1 33	8 12	2 13	0 10	1 17	23 2	0 12	22 39	0 34	21 9	0 37	18 52	0 41	5 16	1 44	1 48	14 51	11 50	12 24	16 36	1 59	4 29
S 19	0 46	11 8	0 14	8 46	2 24	0n20	1 16	23 5	0 11	22 39	0 34	21 10	0 37	18 52	0 41	5 16	1 44	1 49	14 51	11 50	12 23	16 37	1 57	4 29
M20	0 22	14 44	1n 6	9 16	2 35	0 51	1 15	23 8	0 10	22 39	0 34	21 10	0 37	18 53	0 41	5 15	1 44	1 49	14 51	11 50	12 22	16 38	1 56	4 29
T 21	0n 1	17 22	2 21	9 42	2 44	1 22	1 14	23 11	0 8	22 39	0 34	21 10	0 37	18 53	0 41	5 14	1 45	1 50	14 50	11 51	12 21	16 39	1 54	4 29
W22	0 25	18 52	3 26	10 5	2 53	1 52	1 12	23 14	0 7	22 39	0 34	21 11	0 37	18 53	0 41	5 14	1 45	1 50	14 50	11 51	12 20	16 40	1 53	4 29
T 23	0 49	19 8	4 18	10 25	3 1	2 23	1 11	23 16	0 6	22 38	0 34	21 11	0 37	18 53	0 41	5 13	1 45	1 51	14 50	11 51	12 18	16 41	1 51	4 29
F 24	1 12	18 14	4 53	10 40	3 7	2 54	1 10	23 19	0 4	22 38	0 34	21 11	0 37	18 54	0 41	5 13	1 45	1 51	14 50	11 51	12 17	16 41	1 50	4 29
S 25	1 36	16 17	5 11	10 51	3 13	3 24	1 8	23 21	0 3	22 38	0 34	21 11	0 37	18 54	0 41	5 12	1 45	1 52	14 50	11 51	12 16	16 42	1 49	4 29
S 26	1 59	13 30	5 12	10 59	3 17	3 55	1 7	23 24	0 1	22 38	0 34	21 11	0 37	18 54	0 41	5 11	1 45	1 52	14 49	11 50	12 15	16 43	1 47	4 29
M27	2 23	10 4	4 56	11 2	3 19	4 25	1 5	23 26	0s 0	22 37	0 34	21 11	0 37	18 55	0 41	5 11	1 45	1 53	14 49	11 49	12 14	16 44	1 46	4 29
T 28	2 46	6 13	4 26	11 1	3 21	4 55	1 4	23 29	0 2	22 37	0 34	21 11	0 37	18 55	0 41	5 10	1 45	1 53	14 49	11 48	12 13	16 45	1 44	4 29
W29	3 10	2 8	3 42	10 56	3 20	5 25	1 2	23 31	0 3	22 37	0 34	21 12	0 37	18 55	0 41	5 9	1 45	1 54	14 49	11 46	12 12	16 46	1 43	4 29
T 30	3 33	1n58	2 48	10 47	3 18	5 55	1 0	23 33	0 5	22 36	0 34	21 12	0 37	18 55	0 41	5 9	1 45	1 54	14 49	11 45	12 11	16 47	1 41	4 29
F 31	3n56	5n55	1n48	10n35	3n14	6n25	0s59	23s35	0s 6	22n36	0n34	21n12	0n37	18n55	0n41	5s 8	1n45	1n55	14s48	11s44	12s10	16n48	1s40	4n29

Julian Day Number = 2313907.5, Delta T = 63.70 sec
Ecliptic obliquity = 23°29'11, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°28'51, Lahiri = 18°35'51Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1623
geocentric

APRIL 1623 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 35 56	10♈54'38	22♈54	18°R50	19♈54	28♐50	19♋42	28♋ 4	8°R 7	17°R 7	14♉ 2	0°R41	1♏52	23♉17	15♓21	S 1
S 2	12 39 53	11°53'39	4♉54	18♈16	21° 8	29°19	19°45	28° 4	8♌ 7	17♎ 6	14° 3	0°D41	1°48	23°24	15°25	S 2
M 3	12 43 49	12°52'37	16°46	17°38	22°22	29°47	19°49	28° 5	8° 6	17° 4	14° 5	0♏41	1°45	23°30	15°28	M 3
T 4	12 47 46	13°51'33	28°34	16°56	23°37	0♍15	19°52	28° 5	8° 5	17° 2	14° 6	0°42	1°42	23°37	15°32	T 4
W 5	12 51 42	14°50'27	10♊22	16°13	24°51	0°43	19°56	28° 6	8° 5	17° 1	14° 7	0°44	1°39	23°44	15°35	W 5
T 6	12 55 39	15°49'19	22°14	15°28	26° 5	1°11	20° 0	28° 7	8° 4	16°59	14° 8	0°45	1°36	23°50	15°38	T 6
F 7	12 59 36	16°48'09	4♋13	14°42	27°19	1°38	20° 4	28° 7	8° 4	16°57	14° 9	0°46	1°32	23°57	15°42	F 7
S 8	13 3 32	17°46'56	16°25	13°57	28°33	2° 6	20° 8	28° 8	8° 3	16°56	14°11	0°R47	1°29	24° 4	15°45	S 8
S 9	13 7 29	18°45'41	28°54	13°12	29°47	2°33	20°12	28° 9	8° 3	16°54	14°12	0°46	1°26	24°10	15°49	S 9
M10	13 11 25	19°44'24	11♌44	12°30	1♉ 2	2°59	20°17	28°10	8° 2	16°53	14°13	0°46	1°23	24°17	15°52	M10
T 11	13 15 22	20°43'04	24°59	11°50	2°16	3°26	20°21	28°12	8° 2	16°51	14°14	0°45	1°20	24°24	15°55	T 11
W12	13 19 18	21°41'42	8♍41	11°14	3°30	3°52	20°26	28°13	8° 2	16°49	14°16	0°43	1°17	24°30	15°58	W12
T 13	13 23 15	22°40'18	22°48	10°41	4°44	4°18	20°31	28°14	8° 2	16°48	14°17	0°42	1°13	24°37	16° 2	T 13
F 14	13 27 11	23°38'52	7♎19	10°13	5°58	4°44	20°36	28°16	8° 2	16°46	14°18	0°42	1°10	24°43	16° 5	F 14
S 15	13 31 8	24°37'24	22° 8	9°49	7°12	5° 9	20°41	28°18	8° 2	16°44	14°19	0°41	1° 7	24°50	16° 8	S 15
S 16	13 35 5	25°35'54	7♏ 8	9°29	8°26	5°34	20°47	28°19	8°D 2	16°43	14°21	0°D41	1° 4	24°57	16°11	S 16
M17	13 39 1	26°34'22	22°10	9°15	9°39	5°59	20°53	28°21	8° 2	16°41	14°22	0°42	1° 1	25° 3	16°14	M17
T 18	13 42 58	27°32'48	7♐ 7	9° 5	10°53	6°24	20°58	28°23	8° 2	16°40	14°23	0°42	0°57	25°10	16°17	T 18
W19	13 46 54	28°31'13	21°51	9°D 1	12° 7	6°48	21° 4	28°25	8° 2	16°38	14°25	0°42	0°54	25°17	16°20	W19
T 20	13 50 51	29°29'36	6♑16	9° 1	13°21	7°12	21°10	28°27	8° 2	16°36	14°26	0°42	0°51	25°23	16°23	T 20
F 21	13 54 47	0♉27'58	20°19	9° 7	14°35	7°36	21°16	28°30	8° 2	16°35	14°27	0°42	0°48	25°30	16°26	F 21
S 22	13 58 44	1°26'18	4♒ 0	9°17	15°49	7°59	21°23	28°32	8° 3	16°33	14°29	0°42	0°45	25°37	16°29	S 22
S 23	14 2 40	2°24'36	17°18	9°33	17° 2	8°22	21°29	28°34	8° 3	16°32	14°30	0°42	0°42	25°43	16°32	S 23
M24	14 6 37	3°22'53	0♓17	9°52	18°16	8°45	21°36	28°37	8° 4	16°30	14°31	0°43	0°38	25°50	16°35	M24
T 25	14 10 34	4°21'09	12°59	10°17	19°30	9° 7	21°43	28°40	8° 4	16°28	14°33	0°43	0°35	25°57	16°38	T 25
W26	14 14 30	5°19'22	25°25	10°45	20°44	9°29	21°50	28°42	8° 5	16°27	14°34	0°43	0°32	26° 3	16°41	W26
T 27	14 18 27	6°17'35	7♈39	11°18	21°57	9°50	21°57	28°45	8° 5	16°25	14°35	0°44	0°29	26°10	16°43	T 27
F 28	14 22 23	7°15'45	19°44	11°55	23°11	10°12	22° 4	28°48	8° 6	16°24	14°37	0°44	0°26	26°17	16°46	F 28
S 29	14 26 20	8°13'54	1♉41	12°35	24°25	10°32	22°11	28°51	8° 6	16°22	14°38	0°R44	0°23	26°23	16°49	S 29
S 30	14 30 16	9♉12'01	13♉33	13♈19	25♉38	10♍53	22♋19	28♋54	8♌ 7	16♎21	14♉39	0♏44	0♏19	26♉30	16♓51	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	4n20	9n35	0n43	10n18	3n 9	6n55	0s57	23s37	0s 8	22n36	0n34	21n12	0n37	18n56	0n41	5s 8	1n45	1n55	14s48	11s44	12s 9	16n48	1s39	4n29
S 2	4 43	12 49	0s23	9 59	3 2	7 25	0 55	23 39	0 9	22 35	0 34	21 12	0 37	18 56	0 41	5 7	1 45	1 56	14 48	11 44	12 7	16 49	1 37	4 29
M 3	5 6	15 28	1 28	9 36	2 54	7 54	0 53	23 40	0 11	22 35	0 34	21 12	0 37	18 56	0 41	5 6	1 45	1 56	14 48	11 44	12 6	16 50	1 36	4 29
T 4	5 29	17 28	2 28	9 11	2 44	8 23	0 51	23 42	0 13	22 34	0 34	21 11	0 37	18 56	0 41	5 6	1 45	1 57	14 48	11 45	12 5	16 51	1 35	4 29
W 5	5 52	18 42	3 23	8 44	2 33	8 52	0 49	23 44	0 15	22 34	0 34	21 11	0 37	18 56	0 41	5 5	1 45	1 57	14 47	11 45	12 4	16 52	1 33	4 29
T 6	6 14	19 7	4 8	8 15	2 20	9 21	0 47	23 45	0 16	22 33	0 34	21 11	0 37	18 56	0 41	5 4	1 45	1 58	14 47	11 46	12 3	16 53	1 32	4 30
F 7	6 37	18 41	4 44	7 45	2 6	9 50	0 45	23 47	0 18	22 32	0 34	21 11	0 37	18 56	0 40	5 4	1 45	1 58	14 47	11 46	12 2	16 53	1 30	4 30
S 8	6 59	17 23	5 7	7 13	1 52	10 18	0 43	23 48	0 20	22 32	0 34	21 11	0 37	18 56	0 40	5 3	1 45	1 59	14 47	11 46	12 1	16 54	1 29	4 30
S 9	7 22	15 15	5 17	6 42	1 36	10 47	0 41	23 50	0 22	22 31	0 34	21 11	0 37	18 57	0 40	5 2	1 45	1 59	14 47	11 46	12 0	16 55	1 28	4 30
M10	7 44	12 18	5 11	6 11	1 20	11 15	0 39	23 51	0 24	22 31	0 34	21 11	0 37	18 57	0 40	5 2	1 45	2 0	14 47	11 46	11 59	16 56	1 26	4 30
T 11	8 6	8 40	4 49	5 40	1 4	11 42	0 37	23 52	0 26	22 30	0 34	21 10	0 37	18 57	0 40	5 1	1 45	2 0	14 46	11 45	11 58	16 57	1 25	4 30
W12	8 28	4 28	4 11	5 10	0 47	12 10	0 35	23 54	0 28	22 29	0 34	21 10	0 37	18 57	0 40	5 1	1 45	2 1	14 46	11 45	11 56	16 58	1 24	4 30
T 13	8 50	0s 8	3 15	4 42	0 30	12 37	0 32	23 55	0 30	22 28	0 34	21 10	0 37	18 57	0 40	5 0	1 45	2 1	14 46	11 45	11 55	16 58	1 22	4 30
F 14	9 12	4 50	2 6	4 16	0 14	13 4	0 30	23 56	0 32	22 28	0 34	21 10	0 37	18 57	0 40	4 59	1 45	2 2	14 46	11 44	11 54	16 59	1 21	4 30
S 15	9 33	9 22	0 47	3 51	0s 3	13 30	0 28	23 57	0 34	22 27	0 34	21 9	0 37	18 57	0 40	4 59	1 45	2 2	14 46	11 44	11 53	17 0	1 20	4 30
S 16	9 55	13 21	0n36	3 29	0 18	13 56	0 26	23 58	0 36	22 26	0 34	21 9	0 37	18 57	0 40	4 58	1 45	2 3	14 46	11 44	11 52	17 1	1 18	4 30
M17	10 16	16 28	1 57	3 9	0 34	14 22	0 23	23 59	0 38	22 25	0 34	21 9	0 38	18 57	0 40	4 57	1 45	2 3	14 46	11 44	11 51	17 2	1 17	4 30
T 18	10 37	18 26	3 9	2 52	0 49	14 48	0 21	24 0	0 40	22 24	0 34	21 8	0 38	18 57	0 40	4 57	1 45	2 4	14 46	11 44	11 50	17 2	1 16	4 31
W19	10 58	19 7	4 8	2 37	1 3	15 13	0 18	24 1	0 43	22 23	0 34	21 8	0 38	18 56	0 40	4 56	1 45	2 4	14 45	11 44	11 49	17 3	1 15	4 31
T 20	11 19	18 31	4 50	2 25	1 17	15 37	0 16	24 2	0 45	22 22	0 34	21 7	0 38	18 56	0 40	4 56	1 45	2 4	14 45	11 44	11 48	17 4	1 13	4 31
F 21	11 39	16 47	5 13	2 15	1 30	16 2	0 14	24 3	0 47	22 21	0 34	21 7	0 38	18 56	0 40	4 55	1 45	2 5	14 45	11 44	11 46	17 5	1 12	4 31
S 22	12 0	14 9	5 17	2 8	1 42	16 26	0 11	24 4	0 50	22 20	0 34	21 7	0 38	18 56	0 40	4 54	1 45	2 5	14 45	11 44	11 45	17 6	1 11	4 31
S 23	12 20	10 50	5 5	2 4	1 53	16 49	0 9	24 5	0 52	22 19	0 34	21 6	0 38	18 56	0 40	4 54	1 45	2 6	14 45	11 44	11 44	17 6	1 10	4 31
M24	12 40	7 4	4 37	2 2	2 3	17 12	0 6	24 6	0 54	22 18	0 34	21 6	0 38	18 56	0 40	4 53	1 45	2 6	14 45	11 45	11 43	17 7	1 8	4 31
T 25	13 0	3 4	3 56	2 2	2 13	17 35	0 4	24 7	0 57	22 17	0 34	21 5	0 38	18 56	0 40	4 53	1 45	2 7	14 45	11 45	11 42	17 8	1 7	4 31
W26	13 19	0n59	3 4	2 5	2 22	17 57	0 1	24 8	1 0	22 16	0 34	21 4	0 38	18 56	0 40	4 52	1 45	2 7	14 45	11 45	11 41	17 9	1 6	4 32
T 27	13 39	4 57	2 5	2 11	2 30	18 19	0n 1	24 9	1 2	22 15	0 34	21 4	0 38	18 55	0 40	4 52	1 45	2 8	14 45	11 45	11 40	17 10	1 5	4 32
F 28	13 58	8 40	1 1	2 18	2 37	18 40	0 4	24 10	1 5	22 14	0 34	21 3	0 38	18 55	0 40	4 51	1 45	2 8	14 45	11 45	11 39	17 10	1 4	4 32
S 29	14 17	12 0	0s 5	2 28	2 44	19 1	0 6	24 11	1 7	22 13	0 34	21 3	0 38	18 55	0 40	4 50	1 45	2 8	14 45	11 45	11 38	17 11	1 2	4 32
S 30	14n35	14n49	1s11	2n40	2s49	19n21	0n 9	24s12	1s10	22n11	0n34	21n 2	0n38	18n55	0n40	4s50	1n45	2n 9	14s45	11s45	11s36	17n12	1s 1	4n32

Julian Day Number = 2313938.5, Delta T = 63.62 sec
Ecliptic obliquity = 23°29'10, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°28'55, Lahiri = 18°35'55Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1623
geocentric

MAY 1623 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 34 13	10♉10'07	25♉22	14♈ 7	26♉52	11♊13	22♋26	28♋58	8♌ 8	16°R19	14♉41	0°R43	0♏16	26♉37	16♓54	M 1
T 2	14 38 9	11° 8'11	7♊10	14°58	28° 5	11°32	22°34	29° 1	8° 9	16♎18	14°42	0♏42	0°13	26°43	16°57	T 2
W 3	14 42 6	12° 6'13	18°59	15°53	29°19	11°51	22°42	29° 5	8°10	16°16	14°43	0°41	0°10	26°50	16°59	W 3
T 4	14 46 3	13° 4'14	0♋53	16°50	0♊32	12°10	22°50	29° 8	8°11	16°15	14°45	0°39	0° 7	26°57	17° 2	T 4
F 5	14 49 59	14° 2'12	12°55	17°51	1°46	12°28	22°58	29°12	8°12	16°14	14°46	0°37	0° 3	27° 3	17° 4	F 5
S 6	14 53 56	15° 0'09	25° 8	18°54	2°59	12°46	23° 6	29°15	8°13	16°12	14°47	0°36	0° 0	27°10	17° 6	S 6
S 7	14 57 52	15°58'04	7♌35	20° 0	4°13	13° 3	23°15	29°19	8°14	16°11	14°49	0°35	29♎57	27°17	17° 9	S 7
M 8	15 1 49	16°55'57	20°21	21°10	5°26	13°20	23°23	29°23	8°15	16° 9	14°50	0°D35	29°54	27°23	17°11	M 8
T 9	15 5 45	17°53'49	3♍30	22°21	6°40	13°36	23°32	29°27	8°16	16° 8	14°51	0°35	29°51	27°30	17°13	T 9
W10	15 9 42	18°51'38	17° 3	23°36	7°53	13°52	23°40	29°31	8°17	16° 7	14°53	0°36	29°48	27°37	17°16	W10
T 11	15 13 38	19°49'26	1♎ 3	24°52	9° 6	14° 7	23°49	29°35	8°19	16° 5	14°54	0°38	29°44	27°43	17°18	T 11
F 12	15 17 35	20°47'12	15°29	26°12	10°20	14°22	23°58	29°40	8°20	16° 4	14°56	0°39	29°41	27°50	17°20	F 12
S 13	15 21 32	21°44'57	0♏18	27°34	11°33	14°36	24° 7	29°44	8°22	16° 3	14°57	0°R39	29°38	27°57	17°22	S 13
S 14	15 25 28	22°42'40	15°23	28°58	12°46	14°50	24°16	29°48	8°23	16° 2	14°58	0°39	29°35	28° 3	17°24	S 14
M15	15 29 25	23°40'21	0♐37	0♉25	13°59	15° 3	24°25	29°53	8°25	16° 0	15° 0	0°37	29°32	28°10	17°26	M15
T 16	15 33 21	24°38'02	15°49	1°54	15°12	15°16	24°35	29°57	8°26	15°59	15° 1	0°35	29°29	28°17	17°28	T 16
W17	15 37 18	25°35'41	0♑49	3°25	16°26	15°28	24°44	0♌ 2	8°28	15°58	15° 2	0°31	29°25	28°23	17°30	W17
T 18	15 41 14	26°33'19	15°30	4°58	17°39	15°39	24°54	0° 7	8°29	15°57	15° 4	0°28	29°22	28°30	17°32	T 18
F 19	15 45 11	27°30'56	29°47	6°34	18°52	15°50	25° 3	0°12	8°31	15°56	15° 5	0°25	29°19	28°37	17°34	F 19
S 20	15 49 7	28°28'32	13♒35	8°13	20° 5	16° 0	25°13	0°16	8°33	15°55	15° 6	0°23	29°16	28°43	17°35	S 20
S 21	15 53 4	29°26'08	26°57	9°53	21°18	16°10	25°23	0°21	8°35	15°53	15° 8	0°D22	29°13	28°50	17°37	S 21
M22	15 57 1	0♊23'42	9♓53	11°36	22°31	16°19	25°33	0°26	8°36	15°52	15° 9	0°22	29° 9	28°57	17°39	M22
T 23	16 0 57	1°21'15	22°28	13°21	23°44	16°27	25°43	0°32	8°38	15°51	15°10	0°24	29° 6	29° 3	17°40	T 23
W24	16 4 54	2°18'47	4♈46	15° 9	24°57	16°35	25°53	0°37	8°40	15°50	15°12	0°25	29° 3	29°10	17°42	W24
T 25	16 8 50	3°16'19	16°50	16°58	26°10	16°42	26° 3	0°42	8°42	15°49	15°13	0°27	29° 0	29°17	17°43	T 25
F 26	16 12 47	4°13'50	28°46	18°50	27°23	16°48	26°14	0°47	8°44	15°48	15°14	0°R28	28°57	29°23	17°45	F 26
S 27	16 16 43	5°11'20	10♉36	20°44	28°36	16°54	26°24	0°53	8°46	15°47	15°15	0°27	28°54	29°30	17°46	S 27
S 28	16 20 40	6° 8'48	22°24	22°41	29°49	16°59	26°35	0°58	8°48	15°47	15°17	0°25	28°50	29°37	17°47	S 28
M29	16 24 36	7° 6'17	4♊12	24°39	1♋ 1	17° 3	26°45	1° 4	8°51	15°46	15°18	0°21	28°47	29°43	17°49	M29
T 30	16 28 33	8° 3'44	16° 2	26°40	2°14	17° 6	26°56	1° 9	8°53	15°45	15°19	0°16	28°44	29°50	17°50	T 30
W31	16 32 30	9♊ 1'10	27♊57	28♉42	3♋27	17♎ 9	27♋ 7	1♌15	8♌55	15♎44	15♉20	0♏ 9	28♎41	29♉57	17♓51	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	14n54	17n 0	2s13	2n54	2s54	19n41	0n12	24s13	1s13	22n10	0n34	21n 1	0n38	18n55	0n40	4s49	1n45	2n 9	14s44	11s45	11s35	17n13	1s 0	4n32
T 2	15 12	18 27	3 9	3 10	2 58	20 0	0 14	24 15	1 16	22 9	0 34	21 1	0 38	18 54	0 40	4 49	1 45	2 10	14 44	11 44	11 34	17 13	0 59	4 32
W 3	15 30	19 6	3 57	3 28	3 2	20 19	0 17	24 16	1 19	22 8	0 34	21 0	0 38	18 54	0 40	4 48	1 45	2 10	14 44	11 44	11 33	17 14	0 58	4 33
T 4	15 48	18 54	4 35	3 47	3 4	20 37	0 19	24 17	1 22	22 6	0 34	20 59	0 38	18 54	0 40	4 48	1 45	2 11	14 44	11 43	11 32	17 15	0 57	4 33
F 5	16 5	17 51	5 2	4 9	3 6	20 55	0 22	24 18	1 25	22 5	0 34	20 59	0 38	18 53	0 40	4 47	1 45	2 11	14 44	11 43	11 31	17 16	0 56	4 33
S 6	16 22	15 59	5 15	4 31	3 8	21 12	0 24	24 19	1 28	22 4	0 34	20 58	0 38	18 53	0 40	4 47	1 44	2 11	14 44	11 42	11 30	17 16	0 55	4 33
S 7	16 39	13 21	5 14	4 56	3 8	21 28	0 27	24 21	1 31	22 2	0 34	20 57	0 38	18 53	0 40	4 46	1 44	2 12	14 44	11 42	11 29	17 17	0 54	4 33
M 8	16 56	10 1	4 58	5 22	3 8	21 44	0 29	24 22	1 34	22 1	0 34	20 56	0 38	18 52	0 40	4 46	1 44	2 12	14 44	11 42	11 27	17 18	0 53	4 33
T 9	17 12	6 7	4 26	5 49	3 7	21 59	0 32	24 24	1 37	21 59	0 34	20 56	0 38	18 52	0 40	4 45	1 44	2 13	14 44	11 42	11 26	17 19	0 52	4 33
W10	17 28	1 46	3 38	6 18	3 6	22 14	0 34	24 25	1 40	21 58	0 34	20 55	0 38	18 52	0 39	4 45	1 44	2 13	14 44	11 42	11 25	17 19	0 50	4 34
T 11	17 44	2s49	2 36	6 48	3 4	22 28	0 37	24 27	1 43	21 56	0 34	20 54	0 38	18 51	0 39	4 44	1 44	2 13	14 44	11 43	11 24	17 20	0 49	4 34
F 12	17 59	7 23	1 23	7 19	3 1	22 41	0 39	24 29	1 47	21 55	0 34	20 53	0 38	18 51	0 39	4 44	1 44	2 14	14 44	11 43	11 23	17 21	0 49	4 34
S 13	18 14	11 38	0 2	7 51	2 58	22 54	0 42	24 30	1 50	21 53	0 34	20 52	0 38	18 51	0 39	4 43	1 44	2 14	14 44	11 43	11 22	17 21	0 48	4 34
S 14	18 29	15 12	1n20	8 25	2 54	23 6	0 44	24 32	1 53	21 52	0 34	20 51	0 38	18 50	0 39	4 43	1 44	2 14	14 44	11 43	11 21	17 22	0 47	4 34
M15	18 44	17 45	2 38	8 59	2 50	23 17	0 46	24 34	1 57	21 50	0 34	20 50	0 38	18 50	0 39	4 42	1 44	2 15	14 44	11 43	11 20	17 23	0 46	4 34
T 16	18 58	19 1	3 44	9 35	2 45	23 28	0 49	24 36	2 0	21 48	0 34	20 49	0 38	18 49	0 39	4 42	1 44	2 15	14 44	11 42	11 19	17 24	0 45	4 35
W17	19 12	18 56	4 33	10 11	2 39	23 38	0 51	24 38	2 4	21 47	0 34	20 48	0 38	18 49	0 39	4 41	1 44	2 15	14 44	11 41	11 17	17 24	0 44	4 35
T 18	19 25	17 33	5 4	10 48	2 33	23 48	0 53	24 41	2 8	21 45	0 34	20 47	0 38	18 48	0 39	4 41	1 44	2 16	14 44	11 39	11 16	17 25	0 43	4 35
F 19	19 39	15 7	5 14	11 26	2 26	23 57	0 56	24 43	2 11	21 43	0 34	20 46	0 38	18 48	0 39	4 41	1 44	2 16	14 44	11 38	11 15	17 26	0 42	4 35
S 20	19 52	11 53	5 6	12 4	2 19	24 5	0 58	24 46	2 15	21 41	0 34	20 45	0 38	18 47	0 39	4 40	1 44	2 16	14 44	11 38	11 14	17 26	0 41	4 35
S 21	20 4	8 9	4 41	12 43	2 12	24 12	1 0	24 48	2 19	21 40	0 34	20 44	0 38	18 47	0 39	4 40	1 44	2 17	14 44	11 37	11 13	17 27	0 40	4 36
M22	20 16	4 8	4 3	13 23	2 4	24 19	1 2	24 51	2 23	21 38	0 34	20 43	0 38	18 46	0 39	4 40	1 44	2 17	14 44	11 38	11 12	17 28	0 40	4 36
T 23	20 28	0 2	3 13	14 3	1 55	24 25	1 5	24 54	2 27	21 36	0 34	20 42	0 38	18 46	0 39	4 39	1 44	2 17	14 45	11 38	11 11	17 28	0 39	4 36
W24	20 40	3n59	2 16	14 43	1 46	24 30	1 7	24 57	2 31	21 34	0 34	20 41	0 39	18 45	0 39	4 39	1 44	2 18	14 45	11 39	11 10	17 29	0 38	4 36
T 25	20 51	7 46	1 14	15 23	1 37	24 35	1 9	25 0	2 35	21 32	0 34	20 40	0 39	18 45	0 39	4 38	1 44	2 18	14 45	11 39	11 8	17 30	0 37	4 36
F 26	21 2	11 12	0 9	16 3	1 28	24 38	1 11	25 3	2 39	21 30	0 34	20 39	0 39	18 44	0 39	4 38	1 44	2 18	14 45	11 39	11 7	17 30	0 37	4 37
S 27	21 12	14 10	0s55	16 44	1 18	24 42	1 13	25 6	2 43	21 28	0 34	20 38	0 39	18 44	0 39	4 38	1 44	2 18	14 45	11 39	11 6	17 31	0 36	4 37
S 28	21 23	16 31	1 57	17 23	1 7	24 44	1 15	25 10	2 47	21 26	0 34	20 37	0 39	18 43	0 39	4 37	1 44	2 19	14 45	11 38	11 5	17 32	0 35	4 37
M29	21 32	18 11	2 54	18 3	0 57	24 46	1 17	25 13	2 51	21 24	0 34	20 35	0 39	18 43	0 39	4 37	1 44	2 19	14 45	11 37	11 4	17 32	0 34	4 37
T 30	21 42	19 4	3 43	18 42	0 46	24 47	1 19	25 17	2 55	21 22	0 34	20 34	0 39	18 42	0 39	4 37	1 44	2 19	14 45	11 35	11 3	17 33	0 34	4 37
W31	21n51	19n 6	4s23	19n20	0s36	24n47	1n20	25s21	2s59	21n20	0n34	20n33	0n39	18n41	0n39	4s37	1n44	2n20	14s45	11s33	11s 2	17n34	0s33	4n37

Julian Day Number = 2313968.5, Delta T = 63.55 sec
Ecliptic obliquity = 23°29'10, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°28'59, Lahiri = 18°36'00Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1623
geocentric

JUNE 1623 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 26	9♊58'35	9♋57	0♊47	4♋40	17♌11	27♋17	1♎21	8♎57	15°R43	15♉22	0°R 2	28♎38	0♊ 3	17♓52	T 1
F 2	16 40 23	10°55'59	22° 6	2°53	5°53	17°12	27°28	1°27	9° 0	15♎42	15°23	29♎55	28°35	0°10	17°53	F 2
S 3	16 44 19	11°53'22	4♎25	5° 0	7° 5	17°R12	27°39	1°32	9° 2	15°42	15°24	29°49	28°31	0°17	17°54	S 3
S 4	16 48 16	12°50'44	16°56	7° 9	8°18	17°12	27°50	1°38	9° 4	15°41	15°25	29°44	28°28	0°23	17°55	S 4
M 5	16 52 12	13°48'05	29°42	9°19	9°31	17°11	28° 1	1°44	9° 7	15°40	15°27	29°41	28°25	0°30	17°56	M 5
T 6	16 56 9	14°45'25	12♍47	11°30	10°43	17° 9	28°13	1°50	9° 9	15°39	15°28	29°D40	28°22	0°37	17°57	T 6
W 7	17 0 5	15°42'44	26°13	13°41	11°56	17° 7	28°24	1°56	9°12	15°39	15°29	29°40	28°19	0°43	17°58	W 7
T 8	17 4 2	16°40'02	10♎ 3	15°53	13° 8	17° 4	28°35	2° 3	9°14	15°38	15°30	29°42	28°15	0°50	17°59	T 8
F 9	17 7 59	17°37'19	24°16	18° 5	14°21	17° 0	28°47	2° 9	9°17	15°38	15°31	29°R42	28°12	0°57	17°59	F 9
S 10	17 11 55	18°34'35	8♏53	20°17	15°33	16°55	28°58	2°15	9°20	15°37	15°33	29°42	28° 9	1° 3	18° 0	S 10
S 11	17 15 52	19°31'51	23°49	22°28	16°46	16°50	29°10	2°21	9°22	15°37	15°34	29°40	28° 6	1°10	18° 1	S 11
M12	17 19 48	20°29'05	8♐57	24°39	17°58	16°43	29°21	2°28	9°25	15°36	15°35	29°36	28° 3	1°17	18° 1	M12
T 13	17 23 45	21°26'20	24° 9	26°48	19°10	16°37	29°33	2°34	9°28	15°36	15°36	29°30	28° 0	1°23	18° 2	T 13
W14	17 27 41	22°23'33	9♑14	28°57	20°23	16°29	29°44	2°41	9°31	15°35	15°37	29°22	27°56	1°30	18° 2	W14
T 15	17 31 38	23°20'47	24° 3	1♋ 4	21°35	16°21	29°56	2°47	9°33	15°35	15°38	29°14	27°53	1°37	18° 3	T 15
F 16	17 35 34	24°18'00	8♒27	3°10	22°47	16°12	0♎ 8	2°54	9°36	15°34	15°39	29° 7	27°50	1°43	18° 3	F 16
S 17	17 39 31	25°15'12	22°24	5°13	23°59	16° 2	0°20	3° 0	9°39	15°34	15°41	29° 1	27°47	1°50	18° 3	S 17
S 18	17 43 28	26°12'25	5♓51	7°16	25°11	15°51	0°32	3° 7	9°42	15°34	15°42	28°57	27°44	1°57	18° 3	S 18
M19	17 47 24	27° 9'37	18°50	9°16	26°24	15°40	0°44	3°14	9°45	15°33	15°43	28°55	27°41	2° 3	18° 4	M19
T 20	17 51 21	28° 6'50	1♈25	11°14	27°36	15°29	0°56	3°21	9°48	15°33	15°44	28°D55	27°37	2°10	18° 4	T 20
W21	17 55 17	29° 4'02	13°41	13°10	28°48	15°16	1° 8	3°27	9°51	15°33	15°45	28°55	27°34	2°17	18°R 4	W21
T 22	17 59 14	0♋ 1'15	25°43	15° 5	29°59	15° 3	1°20	3°34	9°54	15°33	15°46	28°R56	27°31	2°23	18° 4	T 22
F 23	18 3 10	0°58'27	7♉35	16°57	1♎12	14°50	1°32	3°41	9°57	15°33	15°47	28°56	27°28	2°30	18° 4	F 23
S 24	18 7 7	1°55'40	19°23	18°47	2°24	14°36	1°45	3°48	10° 0	15°33	15°48	28°53	27°25	2°37	18° 3	S 24
S 25	18 11 3	2°52'52	1♊10	20°35	3°36	14°21	1°57	3°55	10° 3	15°32	15°49	28°49	27°21	2°43	18° 3	S 25
M26	18 15 0	3°50'05	13° 0	22°21	4°47	14° 6	2° 9	4° 2	10° 6	15°32	15°50	28°42	27°18	2°50	18° 3	M26
T 27	18 18 57	4°47'18	24°56	24° 4	5°59	13°51	2°22	4° 9	10°10	15°D32	15°51	28°32	27°15	2°57	18° 3	T 27
W28	18 22 53	5°44'30	6♋59	25°46	7°11	13°35	2°34	4°16	10°13	15°32	15°52	28°21	27°12	3° 3	18° 2	W28
T 29	18 26 50	6°41'43	19°10	27°25	8°23	13°19	2°47	4°23	10°16	15°32	15°53	28° 9	27° 9	3°10	18° 2	T 29
F 30	18 30 46	7♋38'56	1♎31	29♋ 3	9♎34	13♌ 3	2♎59	4♎31	10♎19	15♎32	15♉54	27♎57	27♎ 6	3♊17	18♓ 2	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	21n59	18n16	4s51	19n57	0s25	24n46	1n22	25s25	3s 4	21n18	0n34	20n32	0n39	18n41	0n39	4s36	1n44	2n20	14s45	11s30	11s 0	17n34	0s32	4n38
F 2	22 8	16 37	5 7	20 33	0 14	24 45	1 24	25 29	3 8	21 16	0 34	20 30	0 39	18 40	0 39	4 36	1 44	2 20	14 45	11 28	10 59	17 35	0 32	4 38
S 3	22 15	14 12	5 9	21 8	0 3	24 43	1 26	25 33	3 12	21 14	0 34	20 29	0 39	18 39	0 39	4 36	1 43	2 20	14 45	11 26	10 58	17 36	0 31	4 38
S 4	22 23	11 5	4 56	21 40	0n 8	24 41	1 27	25 38	3 17	21 12	0 34	20 28	0 39	18 39	0 39	4 36	1 43	2 20	14 46	11 24	10 57	17 36	0 31	4 38
M 5	22 30	7 24	4 28	22 12	0 18	24 37	1 29	25 42	3 21	21 9	0 34	20 27	0 39	18 38	0 39	4 35	1 43	2 21	14 46	11 23	10 56	17 37	0 30	4 39
T 6	22 37	3 17	3 46	22 41	0 29	24 33	1 30	25 47	3 26	21 7	0 34	20 25	0 39	18 37	0 39	4 35	1 43	2 21	14 46	11 23	10 55	17 38	0 30	4 39
W 7	22 43	1s 7	2 51	23 8	0 39	24 28	1 32	25 52	3 30	21 5	0 34	20 24	0 39	18 37	0 39	4 35	1 43	2 21	14 46	11 23	10 54	17 38	0 29	4 39
T 8	22 49	5 35	1 44	23 32	0 48	24 23	1 33	25 56	3 35	21 3	0 34	20 23	0 39	18 36	0 39	4 35	1 43	2 21	14 46	11 23	10 53	17 39	0 29	4 39
F 9	22 55	9 53	0 29	23 54	0 57	24 17	1 34	26 1	3 39	21 0	0 34	20 21	0 39	18 35	0 39	4 35	1 43	2 22	14 46	11 23	10 51	17 39	0 28	4 39
S 10	23 0	13 42	0n49	24 13	1 6	24 10	1 36	26 6	3 44	20 58	0 34	20 20	0 39	18 35	0 39	4 34	1 43	2 22	14 46	11 23	10 50	17 40	0 28	4 40
S 11	23 4	16 43	2 6	24 30	1 14	24 2	1 37	26 12	3 48	20 56	0 34	20 18	0 39	18 34	0 39	4 34	1 43	2 22	14 46	11 23	10 49	17 41	0 27	4 40
M12	23 9	18 37	3 15	24 44	1 21	23 54	1 38	26 17	3 52	20 53	0 34	20 17	0 39	18 33	0 39	4 34	1 43	2 22	14 47	11 21	10 48	17 41	0 27	4 40
T 13	23 13	19 11	4 11	24 55	1 28	23 45	1 39	26 22	3 57	20 51	0 34	20 16	0 39	18 32	0 39	4 34	1 43	2 22	14 47	11 19	10 47	17 42	0 27	4 40
W14	23 16	18 23	4 48	25 3	1 34	23 35	1 40	26 28	4 1	20 48	0 34	20 14	0 39	18 32	0 39	4 34	1 43	2 22	14 47	11 16	10 46	17 43	0 26	4 40
T 15	23 19	16 20	5 5	25 8	1 40	23 25	1 41	26 33	4 6	20 46	0 35	20 13	0 39	18 31	0 39	4 34	1 43	2 23	14 47	11 13	10 45	17 43	0 26	4 41
F 16	23 22	13 19	5 2	25 11	1 44	23 14	1 42	26 39	4 10	20 43	0 35	20 11	0 39	18 30	0 39	4 34	1 43	2 23	14 47	11 11	10 43	17 44	0 26	4 41
S 17	23 24	9 38	4 42	25 11	1 48	23 2	1 43	26 44	4 15	20 41	0 35	20 10	0 39	18 29	0 39	4 33	1 43	2 23	14 47	11 9	10 42	17 44	0 25	4 41
S 18	23 26	5 35	4 6	25 8	1 51	22 50	1 43	26 50	4 19	20 38	0 35	20 8	0 39	18 28	0 39	4 33	1 43	2 23	14 48	11 7	10 41	17 45	0 25	4 41
M19	23 27	1 23	3 18	25 3	1 54	22 37	1 44	26 55	4 23	20 36	0 35	20 7	0 40	18 28	0 38	4 33	1 43	2 23	14 48	11 7	10 40	17 46	0 25	4 41
T 20	23 28	2n44	2 22	24 55	1 55	22 23	1 44	27 1	4 28	20 33	0 35	20 5	0 40	18 27	0 38	4 33	1 43	2 23	14 48	11 6	10 39	17 46	0 24	4 42
W21	23 29	6 39	1 21	24 46	1 56	22 9	1 45	27 7	4 32	20 31	0 35	20 4	0 40	18 26	0 38	4 33	1 43	2 23	14 48	11 7	10 38	17 47	0 24	4 42
T 22	23 29	10 13	0 17	24 34	1 57	21 54	1 45	27 12	4 36	20 28	0 35	20 2	0 40	18 25	0 38	4 33	1 43	2 23	14 48	11 7	10 37	17 47	0 24	4 42
F 23	23 29	13 20	0s46	24 20	1 56	21 39	1 46	27 18	4 40	20 25	0 35	20 1	0 40	18 24	0 38	4 33	1 43	2 23	14 48	11 7	10 35	17 48	0 24	4 42
S 24	23 28	15 53	1 47	24 4	1 55	21 23	1 46	27 24	4 44	20 23	0 35	19 59	0 40	18 23	0 38	4 33	1 42	2 24	14 49	11 6	10 34	17 48	0 24	4 42
S 25	23 27	17 46	2 43	23 46	1 53	21 6	1 46	27 29	4 48	20 20	0 35	19 57	0 40	18 23	0 38	4 33	1 42	2 24	14 49	11 4	10 33	17 49	0 24	4 43
M26	23 26	18 53	3 32	23 27	1 51	20 49	1 46	27 35	4 52	20 17	0 35	19 56	0 40	18 22	0 38	4 33	1 42	2 24	14 49	11 2	10 32	17 50	0 24	4 43
T 27	23 24	19 11	4 12	23 6	1 48	20 31	1 46	27 40	4 56	20 14	0 35	19 54	0 40	18 21	0 38	4 33	1 42	2 24	14 49	10 59	10 31	17 50	0 24	4 43
W28	23 22	18 37	4 42	22 44	1 44	20 13	1 46	27 45	5 0	20 12	0 35	19 52	0 40	18 20	0 38	4 33	1 42	2 24	14 49	10 55	10 30	17 51	0 23	4 43
T 29	23 19	17 11	4 58	22 21	1 40	19 54	1 46	27 51	5 3	20 9	0 35	19 51	0 40	18 19	0 38	4 33	1 42	2 24	14 50	10 50	10 29	17 51	0 23	4 43
F 30	23n16	14n58	5s 2	21n56	1n35	19n35	1n46	27s56	5s 7	20n 6	0n35	19n49	0n40	18n18	0n38	4s34	1n42	2n24	14s50	10s46	10s27	17n52	0s23	4n44

Julian Day Number = 2313999.5, Delta T = 63.47 sec
Ecliptic obliquity = 23°29'09, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°29'03, Lahiri = 18°36'04Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1623
geocentric

JULY 1623 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 34 43	8♋36'08	14♌ 2	0♌38	10♌46	12°R46	3♌12	4♌38	10♌23	15♎33	15♉54	27°R46	27♎ 2	3♊23	18°R 1	S 1
S 2	18 38 39	9°33'20	26°44	2°11	11°58	12♍29	3°24	4°45	10°26	15°33	15°55	27♎38	26°59	3°30	18♓ 1	S 2
M 3	18 42 36	10°30'33	9♍39	3°41	13° 9	12°12	3°37	4°52	10°29	15°33	15°56	27°32	26°56	3°37	18° 0	M 3
T 4	18 46 32	11°27'45	22°48	5°10	14°21	11°54	3°50	5° 0	10°33	15°33	15°57	27°28	26°53	3°43	17°59	T 4
W 5	18 50 29	12°24'57	6♎13	6°36	15°32	11°37	4° 2	5° 7	10°36	15°33	15°58	27°27	26°50	3°50	17°58	W 5
T 6	18 54 26	13°22'09	19°55	8° 0	16°44	11°19	4°15	5°14	10°39	15°34	15°59	27°27	26°46	3°57	17°58	T 6
F 7	18 58 22	14°19'21	3♏58	9°22	17°55	11° 2	4°28	5°22	10°43	15°34	15°59	27°27	26°43	4° 3	17°57	F 7
S 8	19 2 19	15°16'33	18°19	10°42	19° 6	10°45	4°41	5°29	10°46	15°34	16° 0	27°26	26°40	4°10	17°56	S 8
S 9	19 6 15	16°13'45	2♐57	11°59	20°18	10°28	4°53	5°36	10°50	15°35	16° 1	27°22	26°37	4°17	17°55	S 9
M10	19 10 12	17°10'57	17°48	13°14	21°29	10°10	5° 6	5°44	10°53	15°35	16° 2	27°16	26°34	4°23	17°54	M10
T 11	19 14 8	18° 8'09	2♑45	14°26	22°40	9°53	5°19	5°51	10°57	15°35	16° 2	27° 8	26°31	4°30	17°53	T 11
W12	19 18 5	19° 5'22	17°39	15°36	23°51	9°37	5°32	5°59	11° 0	15°36	16° 3	26°57	26°27	4°37	17°52	W12
T 13	19 22 1	20° 2'35	2♒21	16°43	25° 2	9°20	5°45	6° 6	11° 4	15°36	16° 4	26°46	26°24	4°43	17°51	T 13
F 14	19 25 58	20°59'48	16°42	17°47	26°13	9° 4	5°58	6°14	11° 7	15°37	16° 5	26°36	26°21	4°50	17°50	F 14
S 15	19 29 55	21°57'03	0♓39	18°49	27°24	8°49	6°11	6°21	11°11	15°37	16° 5	26°27	26°18	4°57	17°48	S 15
S 16	19 33 51	22°54'17	14° 8	19°48	28°35	8°33	6°24	6°29	11°14	15°38	16° 6	26°20	26°15	5° 3	17°47	S 16
M17	19 37 48	23°51'33	27°10	20°43	29°46	8°18	6°37	6°37	11°18	15°39	16° 7	26°16	26°12	5°10	17°46	M17
T 18	19 41 44	24°48'49	9♈47	21°36	0♍56	8° 4	6°50	6°44	11°21	15°39	16° 7	26°15	26° 8	5°17	17°44	T 18
W19	19 45 41	25°46'07	22° 5	22°25	2° 7	7°50	7° 3	6°52	11°25	15°40	16° 8	26°14	26° 5	5°23	17°43	W19
T 20	19 49 37	26°43'25	4♉ 7	23°11	3°18	7°36	7°16	7° 0	11°29	15°41	16° 8	26°14	26° 2	5°30	17°41	T 20
F 21	19 53 34	27°40'44	16° 0	23°54	4°28	7°23	7°29	7° 7	11°32	15°41	16° 9	26°13	25°59	5°37	17°40	F 21
S 22	19 57 30	28°38'04	27°49	24°32	5°39	7°11	7°42	7°15	11°36	15°42	16° 9	26°11	25°56	5°44	17°38	S 22
S 23	20 1 27	29°35'26	9♊38	25° 7	6°49	6°59	7°55	7°22	11°40	15°43	16°10	26° 6	25°52	5°50	17°37	S 23
M24	20 5 24	0♌32'48	21°32	25°38	7°59	6°48	8° 9	7°30	11°43	15°44	16°10	25°58	25°49	5°57	17°35	M24
T 25	20 9 20	1°30'11	3♋34	26° 5	9°10	6°38	8°22	7°38	11°47	15°45	16°11	25°48	25°46	6° 4	17°33	T 25
W26	20 13 17	2°27'35	15°47	26°27	10°20	6°29	8°35	7°46	11°51	15°46	16°11	25°36	25°43	6°10	17°32	W26
T 27	20 17 13	3°25'00	28°11	26°44	11°30	6°20	8°48	7°53	11°54	15°46	16°12	25°23	25°40	6°17	17°30	T 27
F 28	20 21 10	4°22'26	10♌47	26°57	12°40	6°12	9° 1	8° 1	11°58	15°47	16°12	25°10	25°37	6°24	17°28	F 28
S 29	20 25 6	5°19'53	23°36	27° 5	13°50	6° 4	9°14	8° 9	12° 2	15°48	16°12	24°58	25°33	6°30	17°26	S 29
S 30	20 29 3	6°17'21	6♍36	27°R 8	15° 0	5°58	9°28	8°16	12° 5	15°49	16°13	24°49	25°30	6°37	17°24	S 30
M31	20 32 59	7♌14'49	19♍48	27♌ 6	16♍10	5♍52	9♌41	8♌24	12♌ 9	15♎50	16♉13	24♎42	25♎27	6♊44	17♓22	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	23n12	12n 1	4s50	21n31	1n29	19n15	1n45	28s 1	5s10	20n 3	0n35	19n47	0n40	18n17	0n38	4s34	1n42	2n24	14s50	10s42	10s26	17n52	0s23	4n44
S 2	23 8	8 29	4 25	21 4	1 23	18 55	1 45	28 6	5 13	20 0	0 35	19 46	0 40	18 16	0 38	4 34	1 42	2 24	14 50	10 39	10 25	17 53	0 23	4 44
M 3	23 4	4 30	3 45	20 37	1 17	18 34	1 44	28 10	5 16	19 57	0 35	19 44	0 40	18 15	0 38	4 34	1 42	2 24	14 50	10 37	10 24	17 54	0 24	4 44
T 4	22 59	0 13	2 53	20 9	1 10	18 13	1 44	28 15	5 19	19 54	0 35	19 42	0 40	18 15	0 38	4 34	1 42	2 24	14 51	10 36	10 23	17 54	0 24	4 44
W 5	22 54	4s 9	1 50	19 40	1 2	17 51	1 43	28 19	5 22	19 51	0 35	19 41	0 40	18 14	0 38	4 34	1 42	2 24	14 51	10 35	10 22	17 55	0 24	4 45
T 6	22 49	8 25	0 40	19 11	0 55	17 29	1 42	28 24	5 25	19 48	0 35	19 39	0 40	18 13	0 38	4 34	1 42	2 24	14 51	10 35	10 21	17 55	0 24	4 45
F 7	22 43	12 19	0n34	18 41	0 46	17 6	1 42	28 28	5 27	19 45	0 35	19 37	0 40	18 12	0 38	4 34	1 42	2 24	14 51	10 35	10 19	17 56	0 24	4 45
S 8	22 37	15 35	1 48	18 11	0 37	16 43	1 41	28 32	5 30	19 42	0 35	19 35	0 41	18 11	0 38	4 35	1 42	2 24	14 52	10 35	10 18	17 56	0 24	4 45
S 9	22 30	17 55	2 56	17 41	0 28	16 20	1 40	28 35	5 32	19 39	0 35	19 34	0 41	18 10	0 38	4 35	1 42	2 24	14 52	10 34	10 17	17 57	0 24	4 45
M10	22 23	19 3	3 53	17 11	0 18	15 56	1 39	28 39	5 34	19 36	0 36	19 32	0 41	18 9	0 38	4 35	1 42	2 24	14 52	10 31	10 16	17 57	0 25	4 46
T 11	22 15	18 53	4 34	16 40	0 8	15 31	1 37	28 42	5 36	19 33	0 36	19 30	0 41	18 8	0 38	4 35	1 42	2 24	14 52	10 28	10 15	17 58	0 25	4 46
W12	22 7	17 25	4 57	16 10	0s 2	15 7	1 36	28 45	5 38	19 30	0 36	19 28	0 41	18 7	0 38	4 35	1 42	2 24	14 53	10 25	10 14	17 58	0 25	4 46
T 13	21 59	14 49	5 0	15 39	0 13	14 41	1 35	28 48	5 39	19 27	0 36	19 26	0 41	18 6	0 38	4 36	1 41	2 24	14 53	10 21	10 12	17 59	0 25	4 46
F 14	21 51	11 22	4 43	15 9	0 24	14 16	1 33	28 50	5 41	19 24	0 36	19 25	0 41	18 5	0 38	4 36	1 41	2 24	14 53	10 17	10 11	17 59	0 26	4 46
S 15	21 42	7 22	4 10	14 39	0 35	13 50	1 32	28 53	5 42	19 21	0 36	19 23	0 41	18 4	0 38	4 36	1 41	2 24	14 53	10 13	10 10	18 0	0 26	4 46
S 16	21 32	3 8	3 23	14 10	0 47	13 24	1 30	28 55	5 43	19 17	0 36	19 21	0 41	18 3	0 38	4 36	1 41	2 24	14 54	10 11	10 9	18 0	0 26	4 47
M17	21 22	1n 8	2 27	13 41	0 59	12 58	1 29	28 57	5 44	19 14	0 36	19 19	0 41	18 2	0 38	4 37	1 41	2 24	14 54	10 10	10 8	18 1	0 27	4 47
T 18	21 12	5 12	1 26	13 13	1 11	12 31	1 27	28 59	5 45	19 11	0 36	19 17	0 41	18 1	0 38	4 37	1 41	2 23	14 54	10 9	10 7	18 1	0 27	4 47
W19	21 2	8 57	0 22	12 45	1 23	12 4	1 25	29 0	5 46	19 8	0 36	19 15	0 41	18 0	0 38	4 37	1 41	2 23	14 54	10 9	10 6	18 2	0 27	4 47
T 20	20 51	12 16	0s42	12 18	1 36	11 36	1 23	29 2	5 46	19 4	0 36	19 14	0 41	17 59	0 38	4 38	1 41	2 23	14 55	10 9	10 4	18 2	0 28	4 47
F 21	20 40	15 1	1 43	11 53	1 48	11 9	1 21	29 3	5 47	19 1	0 36	19 12	0 41	17 58	0 38	4 38	1 41	2 23	14 55	10 9	10 3	18 3	0 28	4 47
S 22	20 28	17 8	2 39	11 28	2 1	10 41	1 19	29 4	5 47	18 58	0 36	19 10	0 41	17 57	0 38	4 38	1 41	2 23	14 55	10 8	10 2	18 3	0 29	4 48
S 23	20 17	18 30	3 28	11 4	2 14	10 13	1 17	29 4	5 47	18 54	0 36	19 8	0 42	17 56	0 38	4 39	1 41	2 23	14 55	10 6	10 1	18 4	0 29	4 48
M24	20 4	19 5	4 9	10 42	2 27	9 44	1 14	29 5	5 47	18 51	0 36	19 6	0 42	17 55	0 38	4 39	1 41	2 23	14 56	10 3	10 0	18 4	0 30	4 48
T 25	19 52	18 48	4 38	10 21	2 40	9 16	1 12	29 5	5 47	18 48	0 36	19 4	0 42	17 54	0 38	4 39	1 41	2 23	14 56	9 59	9 59	18 5	0 30	4 48
W26	19 39	17 39	4 56	10 1	2 53	8 47	1 9	29 5	5 46	18 44	0 37	19 2	0 42	17 53	0 38	4 40	1 41	2 23	14 56	9 55	9 57	18 5	0 31	4 48
T 27	19 26	15 40	5 0	9 43	3 5	8 18	1 7	29 5	5 46	18 41	0 37	19 0	0 42	17 52	0 38	4 40	1 41	2 22	14 57	9 50	9 56	18 6	0 32	4 48
F 28	19 12	12 55	4 50	9 27	3 18	7 48	1 4	29 5	5 45	18 38	0 37	18 58	0 42	17 51	0 38	4 41	1 41	2 22	14 57	9 45	9 55	18 6	0 32	4 48
S 29	18 58	9 31	4 24	9 13	3 30	7 19	1 2	29 5	5 44	18 34	0 37	18 56	0 42	17 50	0 38	4 41	1 41	2 22	14 57	9 41	9 54	18 7	0 33	4 49
S 30	18 44	5 37	3 45	9 1	3 41	6 49	0 59	29 4	5 44	18 31	0 37	18 55	0 42	17 49	0 38	4 41	1 41	2 22	14 57	9 38	9 53	18 7	0 33	4 49
M31	18n30	1n24	2s53	8n52	3s52	6n20	0n56	29s 4	5s43	18n27	0n37	18n53	0n42	17n48	0n38	4s42	1n41	2n22	14s58	9s35	9s52	18n 7	0s34	4n49

Julian Day Number = 2314029.5, Delta T = 63.40 sec
Ecliptic obliquity = 23°29'09, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°29'07, Lahiri = 18°36'08Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1623
geocentric

AUGUST 1623 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 36 56	8♌12'18	3♎11	26°R58	17♍20	5°R47	9♌54	8♌32	12♌13	15♎52	16♉14	24°R38	25♎24	6♊50	17°R20	T 1
W 2	20 40 53	9° 9'48	16°45	26♌45	18°30	5♑43	10° 7	8°40	12°17	15°53	16°14	24♎37	25°21	6°57	17♓18	W 2
T 3	20 44 49	10° 7'19	0♏31	26°27	19°39	5°40	10°20	8°47	12°20	15°54	16°14	24°D37	25°18	7° 4	17°16	T 3
F 4	20 48 46	11° 4'51	14°29	26° 3	20°49	5°37	10°34	8°55	12°24	15°55	16°14	24°R37	25°14	7°10	17°14	F 4
S 5	20 52 42	12° 2'23	28°39	25°34	21°58	5°36	10°47	9° 3	12°28	15°56	16°15	24°36	25°11	7°17	17°12	S 5
S 6	20 56 39	12°59'57	13♐ 0	25° 1	23° 8	5°D35	11° 0	9°10	12°31	15°57	16°15	24°33	25° 8	7°24	17° 9	S 6
M 7	21 0 35	13°57'31	27°30	24°23	24°17	5°35	11°13	9°18	12°35	15°59	16°15	24°28	25° 5	7°30	17° 7	M 7
T 8	21 4 32	14°55'07	12♑ 3	23°41	25°26	5°36	11°26	9°26	12°39	16° 0	16°15	24°20	25° 2	7°37	17° 5	T 8
W 9	21 8 28	15°52'43	26°33	22°56	26°35	5°38	11°39	9°34	12°43	16° 1	16°15	24°10	24°58	7°44	17° 3	W 9
T 10	21 12 25	16°50'20	10♒55	22° 8	27°44	5°41	11°53	9°41	12°46	16° 2	16°16	24° 0	24°55	7°50	17° 0	T 10
F 11	21 16 22	17°47'59	25° 1	21°18	28°53	5°44	12° 6	9°49	12°50	16° 4	16°16	23°50	24°52	7°57	16°58	F 11
S 12	21 20 18	18°45'39	8♓47	20°27	0♎ 2	5°48	12°19	9°57	12°54	16° 5	16°16	23°42	24°49	8° 4	16°55	S 12
S 13	21 24 15	19°43'20	22°10	19°35	1°10	5°54	12°32	10° 4	12°57	16° 7	16°16	23°35	24°46	8°10	16°53	S 13
M14	21 28 11	20°41'03	5♈ 9	18°45	2°19	5°59	12°45	10°12	13° 1	16° 8	16°16	23°32	24°43	8°17	16°51	M14
T 15	21 32 8	21°38'48	17°46	17°57	3°27	6° 6	12°58	10°20	13° 5	16° 9	16°16	23°D30	24°39	8°24	16°48	T 15
W16	21 36 4	22°36'34	0♉ 4	17°12	4°36	6°13	13°11	10°27	13° 9	16°11	16°R16	23°30	24°36	8°30	16°46	W16
T 17	21 40 1	23°34'22	12° 8	16°30	5°44	6°22	13°24	10°35	13°12	16°12	16°16	23°31	24°33	8°37	16°43	T 17
F 18	21 43 57	24°32'11	24° 2	15°54	6°52	6°31	13°38	10°42	13°16	16°14	16°16	23°R31	24°30	8°44	16°40	F 18
S 19	21 47 54	25°30'03	5♊53	15°23	8° 0	6°40	13°51	10°50	13°20	16°15	16°16	23°31	24°27	8°51	16°38	S 19
S 20	21 51 51	26°27'56	17°44	14°59	9° 8	6°51	14° 4	10°57	13°23	16°17	16°16	23°28	24°24	8°57	16°35	S 20
M21	21 55 47	27°25'51	29°41	14°41	10°16	7° 2	14°17	11° 5	13°27	16°19	16°16	23°23	24°20	9° 4	16°33	M21
T 22	21 59 44	28°23'48	11♋48	14°31	11°24	7°14	14°30	11°13	13°31	16°20	16°16	23°17	24°17	9°11	16°30	T 22
W23	22 3 40	29°21'46	24° 9	14°D29	12°31	7°27	14°43	11°20	13°34	16°22	16°16	23° 8	24°14	9°17	16°27	W23
T 24	22 7 37	0♍19'46	6♌44	14°36	13°39	7°40	14°56	11°27	13°38	16°24	16°15	22°59	24°11	9°24	16°25	T 24
F 25	22 11 33	1°17'48	19°36	14°50	14°46	7°54	15° 8	11°35	13°41	16°25	16°15	22°50	24° 8	9°31	16°22	F 25
S 26	22 15 30	2°15'52	2♍44	15°13	15°53	8° 9	15°21	11°42	13°45	16°27	16°15	22°41	24° 4	9°37	16°19	S 26
S 27	22 19 26	3°13'57	16° 6	15°44	17° 0	8°25	15°34	11°50	13°49	16°29	16°15	22°35	24° 1	9°44	16°16	S 27
M28	22 23 23	4°12'04	29°41	16°23	18° 7	8°41	15°47	11°57	13°52	16°30	16°15	22°30	23°58	9°51	16°14	M28
T 29	22 27 20	5°10'12	13♎27	17° 9	19°14	8°58	16° 0	12° 4	13°56	16°32	16°14	22°28	23°55	9°57	16°11	T 29
W30	22 31 16	6° 8'22	27°20	18° 4	20°21	9°15	16°13	12°12	13°59	16°34	16°14	22°D28	23°52	10° 4	16° 8	W30
T 31	22 35 13	7♍ 6'33	11♏21	19♌ 6	21♎27	9♑33	16♌25	12♌19	14♌ 3	16♎36	16♉14	22♎29	23♎49	10♊11	16♓ 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	18n15	2s58	1s51	8n44	4s 3	5n50	0n53	29s 3	5s42	18n24	0n37	18n51	0n42	17n47	0n38	4s42	1n41	2n22	14s58	9s34	9s51	18n 8	0s35	4n49
W 2	18 0	7 14	0 42	8 40	4 13	5 20	0 50	29 2	5 40	18 20	0 37	18 49	0 42	17 46	0 38	4 43	1 40	2 21	14 58	9 33	9 49	18 8	0 35	4 49
T 3	17 45	11 11	0n31	8 37	4 21	4 49	0 47	29 1	5 39	18 17	0 37	18 47	0 42	17 45	0 38	4 43	1 40	2 21	14 58	9 33	9 48	18 9	0 36	4 49
F 4	17 29	14 34	1 43	8 38	4 29	4 19	0 44	28 59	5 38	18 13	0 37	18 45	0 42	17 44	0 38	4 44	1 40	2 21	14 59	9 33	9 47	18 9	0 37	4 49
S 5	17 13	17 8	2 50	8 41	4 36	3 49	0 40	28 58	5 36	18 10	0 37	18 43	0 43	17 42	0 38	4 44	1 40	2 21	14 59	9 33	9 46	18 10	0 38	4 49
S 6	16 57	18 39	3 47	8 47	4 41	3 18	0 37	28 57	5 35	18 6	0 37	18 41	0 43	17 41	0 38	4 45	1 40	2 21	14 59	9 32	9 45	18 10	0 38	4 49
M 7	16 40	18 58	4 30	8 56	4 45	2 48	0 34	28 55	5 33	18 3	0 37	18 39	0 43	17 40	0 38	4 45	1 40	2 20	15 0	9 30	9 44	18 10	0 39	4 50
T 8	16 23	18 2	4 56	9 8	4 47	2 17	0 30	28 53	5 31	17 59	0 37	18 37	0 43	17 39	0 38	4 46	1 40	2 20	15 0	9 27	9 42	18 11	0 40	4 50
W 9	16 6	15 56	5 2	9 22	4 48	1 46	0 27	28 51	5 30	17 55	0 38	18 35	0 43	17 38	0 38	4 46	1 40	2 20	15 0	9 23	9 41	18 11	0 41	4 50
T 10	15 49	12 53	4 50	9 38	4 47	1 15	0 23	28 49	5 28	17 52	0 38	18 33	0 43	17 37	0 38	4 47	1 40	2 20	15 0	9 20	9 40	18 12	0 42	4 50
F 11	15 32	9 8	4 19	9 57	4 44	0 45	0 19	28 47	5 26	17 48	0 38	18 31	0 43	17 36	0 38	4 47	1 40	2 19	15 1	9 16	9 39	18 12	0 42	4 50
S 12	15 14	4 58	3 35	10 18	4 39	0 14	0 16	28 45	5 24	17 45	0 38	18 29	0 43	17 35	0 38	4 48	1 40	2 19	15 1	9 13	9 38	18 13	0 43	4 50
S 13	14 56	0 41	2 39	10 40	4 32	0s17	0 12	28 43	5 22	17 41	0 38	18 27	0 43	17 34	0 38	4 49	1 40	2 19	15 1	9 11	9 37	18 13	0 44	4 50
M14	14 38	3n31	1 36	11 4	4 23	0 48	0 8	28 41	5 20	17 37	0 38	18 25	0 43	17 33	0 38	4 49	1 40	2 19	15 2	9 9	9 35	18 13	0 45	4 50
T 15	14 19	7 27	0 31	11 28	4 13	1 19	0 4	28 38	5 18	17 34	0 38	18 23	0 43	17 32	0 38	4 50	1 40	2 18	15 2	9 9	9 34	18 14	0 46	4 50
W16	14 0	10 58	0s35	11 53	4 0	1 50	0 0	28 36	5 16	17 30	0 38	18 21	0 44	17 31	0 38	4 50	1 40	2 18	15 2	9 9	9 33	18 14	0 47	4 50
T 17	13 41	13 57	1 38	12 19	3 47	2 21	0s 4	28 33	5 13	17 26	0 38	18 19	0 44	17 30	0 38	4 51	1 40	2 18	15 2	9 9	9 32	18 15	0 48	4 50
F 18	13 22	16 18	2 36	12 44	3 32	2 51	0 8	28 30	5 11	17 23	0 38	18 17	0 44	17 29	0 38	4 52	1 40	2 18	15 3	9 9	9 31	18 15	0 49	4 50
S 19	13 3	17 56	3 27	13 8	3 16	3 22	0 12	28 27	5 9	17 19	0 38	18 15	0 44	17 28	0 38	4 52	1 40	2 17	15 3	9 9	9 30	18 15	0 50	4 50
S 20	12 43	18 47	4 9	13 31	2 59	3 53	0 17	28 24	5 6	17 15	0 39	18 13	0 44	17 27	0 38	4 53	1 40	2 17	15 3	9 8	9 28	18 16	0 51	4 50
M21	12 23	18 49	4 40	13 53	2 41	4 24	0 21	28 21	5 4	17 12	0 39	18 11	0 44	17 26	0 38	4 54	1 40	2 17	15 4	9 6	9 27	18 16	0 52	4 50
T 22	12 3	17 59	5 0	14 13	2 23	4 54	0 25	28 18	5 2	17 8	0 39	18 9	0 44	17 25	0 38	4 54	1 40	2 16	15 4	9 4	9 26	18 16	0 53	4 50
W23	11 43	16 18	5 6	14 31	2 5	5 25	0 30	28 15	4 59	17 4	0 39	18 7	0 44	17 24	0 38	4 55	1 40	2 16	15 4	9 1	9 25	18 17	0 54	4 50
T 24	11 23	13 49	4 57	14 47	1 47	5 55	0 34	28 12	4 57	17 1	0 39	18 5	0 44	17 23	0 38	4 56	1 40	2 16	15 4	8 57	9 24	18 17	0 55	4 50
F 25	11 2	10 38	4 34	15 1	1 28	6 25	0 38	28 9	4 54	16 57	0 39	18 3	0 44	17 22	0 38	4 56	1 40	2 15	15 5	8 54	9 23	18 18	0 56	4 50
S 26	10 41	6 52	3 55	15 11	1 10	6 55	0 43	28 5	4 52	16 53	0 39	18 1	0 45	17 21	0 38	4 57	1 40	2 15	15 5	8 51	9 21	18 18	0 57	4 51
S 27	10 20	2 41	3 3	15 19	0 53	7 26	0 48	28 2	4 49	16 49	0 39	17 59	0 45	17 20	0 38	4 58	1 39	2 15	15 5	8 48	9 20	18 18	0 58	4 51
M28	9 59	1s42	2 0	15 24	0 36	7 55	0 52	27 58	4 47	16 46	0 39	17 57	0 45	17 19	0 38	4 58	1 39	2 15	15 6	8 46	9 19	18 19	0 59	4 51
T 29	9 38	6 4	0 49	15 25	0 19	8 25	0 57	27 54	4 44	16 42	0 40	17 56	0 45	17 18	0 38	4 59	1 39	2 14	15 6	8 46	9 18	18 19	1 0	4 50
W30	9 17	10 8	0n26	15 23	0 4	8 55	1 1	27 51	4 41	16 38	0 40	17 54	0 45	17 17	0 38	5 0	1 39	2 14	15 6	8 46	9 17	18 19	1 1	4 50
T 31	8n55	13s40	1n40	15n18	0n11	9s24	1s 6	27s47	4s39	16n35	0n40	17n52	0n45	17n16	0n38	5s 0	1n39	2n14	15s 6	8s46	9s15	18n20	1s 2	4n50

Julian Day Number = 2314060.5, Delta T = 63.33 sec
Ecliptic obliquity = 23°29'09, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°29'12, Lahiri = 18°36'12Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1623
geocentric

SEPTEMBER 1623 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 39 9	8♍ 4'46	25♏26	20♌14	22♎34	9♑52	16♌38	12♌26	14♌ 6	16♎38	16°R13	22♎30	23♎45	10♊17	16°R 2	F 1
S 2	22 43 6	9° 3'00	9♐35	21°29	23°40	10°11	16°51	12°33	14°10	16°39	16♉13	22°R31	23°42	10°24	16♓ 0	S 2
S 3	22 47 2	10° 1'16	23°47	22°50	24°46	10°31	17° 3	12°41	14°13	16°41	16°13	22°30	23°39	10°31	15°57	S 3
M 4	22 50 59	10°59'34	7♑58	24°16	25°52	10°52	17°16	12°48	14°17	16°43	16°12	22°27	23°36	10°38	15°54	M 4
T 5	22 54 55	11°57'53	22° 8	25°47	26°57	11°13	17°29	12°55	14°20	16°45	16°12	22°23	23°33	10°44	15°51	T 5
W 6	22 58 52	12°56'13	6♒11	27°22	28° 3	11°34	17°41	13° 2	14°23	16°47	16°12	22°17	23°29	10°51	15°48	W 6
T 7	23 2 49	13°54'35	20° 6	29° 1	29° 8	11°57	17°54	13° 9	14°27	16°49	16°11	22°11	23°26	10°58	15°45	T 7
F 8	23 6 45	14°52'59	3♓47	0♍42	0♏13	12°19	18° 6	13°16	14°30	16°51	16°11	22° 5	23°23	11° 4	15°43	F 8
S 9	23 10 42	15°51'25	17°12	2°27	1°18	12°42	18°18	13°23	14°33	16°53	16°10	22° 0	23°20	11°11	15°40	S 9
S 10	23 14 38	16°49'52	0♈20	4°14	2°23	13° 6	18°31	13°30	14°37	16°55	16°10	21°56	23°17	11°18	15°37	S 10
M11	23 18 35	17°48'21	13° 9	6° 2	3°27	13°30	18°43	13°37	14°40	16°57	16° 9	21°55	23°14	11°24	15°34	M11
T 12	23 22 31	18°46'53	25°40	7°52	4°31	13°55	18°55	13°43	14°43	16°59	16° 9	21°D54	23°10	11°31	15°31	T 12
W13	23 26 28	19°45'27	7♉56	9°42	5°36	14°20	19° 7	13°50	14°46	17° 1	16° 8	21°55	23° 7	11°38	15°28	W13
T 14	23 30 24	20°44'02	19°59	11°34	6°39	14°46	19°20	13°57	14°50	17° 3	16° 8	21°57	23° 4	11°44	15°25	T 14
F 15	23 34 21	21°42'40	1♊54	13°25	7°43	15°12	19°32	14° 4	14°53	17° 5	16° 7	21°59	23° 1	11°51	15°23	F 15
S 16	23 38 17	22°41'21	13°45	15°17	8°46	15°38	19°44	14°10	14°56	17° 7	16° 7	22° 0	22°58	11°58	15°20	S 16
S 17	23 42 14	23°40'03	25°37	17° 9	9°49	16° 5	19°56	14°17	14°59	17° 9	16° 6	22°R 0	22°55	12° 4	15°17	S 17
M18	23 46 11	24°38'48	7♋35	19° 0	10°52	16°32	20° 8	14°23	15° 2	17°11	16° 5	21°59	22°51	12°11	15°14	M18
T 19	23 50 7	25°37'35	19°44	20°51	11°55	17° 0	20°20	14°30	15° 5	17°13	16° 5	21°57	22°48	12°18	15°11	T 19
W20	23 54 4	26°36'24	2♌ 7	22°42	12°57	17°28	20°31	14°36	15° 8	17°15	16° 4	21°54	22°45	12°25	15° 9	W20
T 21	23 58 0	27°35'15	14°48	24°32	13°59	17°56	20°43	14°43	15°11	17°18	16° 3	21°51	22°42	12°31	15° 6	T 21
F 22	0 1 57	28°34'09	27°49	26°21	15° 1	18°25	20°55	14°49	15°14	17°20	16° 3	21°47	22°39	12°38	15° 3	F 22
S 23	0 5 53	29°33'05	11♍11	28° 9	16° 3	18°55	21° 6	14°55	15°17	17°22	16° 2	21°44	22°35	12°45	15° 0	S 23
S 24	0 9 50	0♎32'02	24°53	29°57	17° 4	19°24	21°18	15° 1	15°20	17°24	16° 1	21°41	22°32	12°51	14°58	S 24
M25	0 13 46	1°31'02	8♎52	1♎44	18° 5	19°54	21°29	15° 8	15°23	17°26	16° 0	21°40	22°29	12°58	14°55	M25
T 26	0 17 43	2°30'04	23° 4	3°30	19° 6	20°25	21°41	15°14	15°26	17°28	16° 0	21°D39	22°26	13° 5	14°52	T 26
W27	0 21 40	3°29'08	7♏25	5°15	20° 6	20°55	21°52	15°20	15°29	17°31	15°59	21°40	22°23	13°11	14°50	W27
T 28	0 25 36	4°28'14	21°50	7° 0	21° 6	21°26	22° 4	15°26	15°31	17°33	15°58	21°41	22°20	13°18	14°47	T 28
F 29	0 29 33	5°27'21	6♐14	8°43	22° 5	21°58	22°15	15°32	15°34	17°35	15°57	21°42	22°16	13°25	14°44	F 29
S 30	0 33 29	6♎26'31	20♐34	10♎26	23♏ 5	22♑29	22♌26	15♌37	15♌37	17♎37	15♉56	21♎43	22♎13	13♊31	14♓42	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	8n33	16s25	2n49	15n10	0n25	9s53	1s11	27s43	4s36	16n31	0n40	17n50	0n45	17n15	0n38	5s 1	1n39	2n13	15s 7	8s46	9s14	18n20	1s 3	4n50
S 2	8 12	18 11	3 47	14 58	0 38	10 22	1 16	27 38	4 34	16 27	0 40	17 48	0 45	17 14	0 39	5 2	1 39	2 13	15 7	8 47	9 13	18 20	1 4	4 50
S 3	7 50	18 49	4 32	14 43	0 49	10 51	1 20	27 34	4 31	16 23	0 40	17 46	0 46	17 13	0 39	5 3	1 39	2 13	15 7	8 46	9 12	18 21	1 5	4 50
M 4	7 27	18 15	5 0	14 24	1 0	11 20	1 25	27 30	4 28	16 20	0 40	17 44	0 46	17 12	0 39	5 3	1 39	2 12	15 7	8 45	9 11	18 21	1 7	4 50
T 5	7 5	16 34	5 10	14 3	1 10	11 48	1 30	27 26	4 26	16 16	0 40	17 42	0 46	17 11	0 39	5 4	1 39	2 12	15 8	8 44	9 10	18 21	1 8	4 50
W 6	6 43	13 54	5 1	13 38	1 18	12 17	1 35	27 21	4 23	16 12	0 40	17 40	0 46	17 10	0 39	5 5	1 39	2 11	15 8	8 42	9 8	18 22	1 9	4 50
T 7	6 20	10 28	4 34	13 11	1 26	12 44	1 40	27 16	4 21	16 9	0 41	17 38	0 46	17 9	0 39	5 6	1 39	2 11	15 8	8 39	9 7	18 22	1 10	4 50
F 8	5 58	6 32	3 52	12 41	1 32	13 12	1 45	27 12	4 18	16 5	0 41	17 36	0 46	17 8	0 39	5 6	1 39	2 11	15 8	8 37	9 6	18 22	1 11	4 50
S 9	5 35	2 20	2 58	12 8	1 37	13 40	1 49	27 7	4 15	16 1	0 41	17 35	0 46	17 7	0 39	5 7	1 39	2 10	15 9	8 35	9 5	18 23	1 12	4 50
S 10	5 13	1n53	1 55	11 33	1 42	14 7	1 54	27 2	4 13	15 57	0 41	17 33	0 46	17 6	0 39	5 8	1 39	2 10	15 9	8 34	9 4	18 23	1 14	4 50
M11	4 50	5 56	0 48	10 57	1 45	14 34	1 59	26 57	4 10	15 54	0 41	17 31	0 46	17 5	0 39	5 9	1 39	2 10	15 9	8 33	9 3	18 23	1 15	4 50
T 12	4 27	9 37	0s21	10 18	1 47	15 0	2 4	26 52	4 7	15 50	0 41	17 29	0 47	17 4	0 39	5 10	1 39	2 9	15 9	8 33	9 1	18 24	1 16	4 50
W13	4 4	12 49	1 27	9 38	1 49	15 26	2 9	26 46	4 5	15 46	0 41	17 27	0 47	17 3	0 39	5 10	1 39	2 9	15 10	8 33	9 0	18 24	1 17	4 50
T 14	3 41	15 24	2 28	8 56	1 50	15 52	2 14	26 41	4 2	15 43	0 41	17 25	0 47	17 2	0 39	5 11	1 39	2 8	15 10	8 34	8 59	18 24	1 18	4 50
F 15	3 18	17 17	3 22	8 13	1 50	16 18	2 19	26 35	4 0	15 39	0 42	17 23	0 47	17 1	0 39	5 12	1 39	2 8	15 10	8 35	8 58	18 25	1 19	4 50
S 16	2 54	18 25	4 7	7 29	1 49	16 43	2 24	26 29	3 57	15 35	0 42	17 22	0 47	17 0	0 39	5 13	1 39	2 8	15 10	8 35	8 57	18 25	1 21	4 49
S 17	2 31	18 43	4 42	6 45	1 48	17 8	2 29	26 24	3 54	15 32	0 42	17 20	0 47	16 59	0 39	5 14	1 39	2 7	15 11	8 35	8 55	18 25	1 22	4 49
M18	2 8	18 12	5 4	5 59	1 46	17 33	2 33	26 18	3 52	15 28	0 42	17 18	0 47	16 59	0 39	5 14	1 39	2 7	15 11	8 35	8 54	18 25	1 23	4 49
T 19	1 44	16 51	5 14	5 13	1 44	17 57	2 38	26 12	3 49	15 24	0 42	17 16	0 48	16 58	0 39	5 15	1 39	2 7	15 11	8 34	8 53	18 26	1 24	4 49
W20	1 21	14 42	5 9	4 27	1 41	18 21	2 43	26 5	3 47	15 21	0 42	17 15	0 48	16 57	0 39	5 16	1 39	2 6	15 11	8 33	8 52	18 26	1 25	4 49
T 21	0 58	11 49	4 49	3 40	1 37	18 44	2 48	25 59	3 44	15 17	0 42	17 13	0 48	16 56	0 39	5 17	1 39	2 6	15 11	8 32	8 51	18 26	1 26	4 49
F 22	0 34	8 16	4 14	2 53	1 33	19 7	2 53	25 52	3 41	15 13	0 43	17 11	0 48	16 55	0 39	5 18	1 39	2 5	15 12	8 30	8 50	18 27	1 28	4 49
S 23	0 11	4 13	3 25	2 6	1 29	19 30	2 57	25 46	3 39	15 10	0 43	17 9	0 48	16 54	0 39	5 19	1 39	2 5	15 12	8 29	8 48	18 27	1 29	4 49
S 24	0s13	0s 8	2 22	1 19	1 25	19 52	3 2	25 39	3 36	15 6	0 43	17 8	0 48	16 53	0 39	5 19	1 39	2 5	15 12	8 28	8 47	18 27	1 30	4 48
M25	0 36	4 36	1 10	0 32	1 20	20 14	3 7	25 32	3 34	15 3	0 43	17 6	0 48	16 53	0 39	5 20	1 39	2 4	15 12	8 28	8 46	18 27	1 31	4 48
T 26	1 0	8 52	0n 8	0s15	1 14	20 36	3 11	25 25	3 31	14 59	0 43	17 4	0 49	16 52	0 39	5 21	1 39	2 4	15 12	8 27	8 45	18 28	1 32	4 48
W27	1 23	12 39	1 26	1 2	1 9	20 57	3 16	25 17	3 29	14 56	0 43	17 3	0 49	16 51	0 39	5 22	1 39	2 3	15 13	8 28	8 44	18 28	1 34	4 48
T 28	1 47	15 42	2 39	1 49	1 3	21 17	3 20	25 10	3 26	14 52	0 43	17 1	0 49	16 50	0 39	5 23	1 39	2 3	15 13	8 28	8 42	18 28	1 35	4 48
F 29	2 10	17 44	3 42	2 35	0 57	21 37	3 25	25 2	3 24	14 49	0 44	17 0	0 49	16 49	0 39	5 24	1 39	2 3	15 13	8 28	8 41	18 28	1 36	4 48
S 30	2s34	18s39	4n31	3s21	0n51	21s57	3s29	24s55	3s21	14n45	0n44	16n58	0n49	16n49	0n39	5s24	1n39	2n 2	15s13	8s29	8s40	18n29	1s37	4n48

Julian Day Number = 2314091.5, Delta T = 63.25 sec
Ecliptic obliquity = 23°29'09, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°29'16, Lahiri = 18°36'16Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1623
geocentric

OCTOBER 1623 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 37 26	7♎25'42	4♑47	12♎ 8	24♏ 3	23♑ 1	22♌37	15♌43	15♌39	17♎39	15°R56	21°R44	22♎10	13♊38	14°R39	S 1
M 2	0 41 22	8°24'55	18°51	13°49	25° 2	23°34	22°48	15°49	15°42	17°42	15♉55	21♎43	22° 7	13°45	14♓37	M 2
T 3	0 45 19	9°24'10	2♒44	15°29	26° 0	24° 6	22°59	15°54	15°45	17°44	15°54	21°43	22° 4	13°52	14°34	T 3
W 4	0 49 15	10°23'26	16°25	17° 9	26°57	24°39	23°10	16° 0	15°47	17°46	15°53	21°41	22° 1	13°58	14°32	W 4
T 5	0 53 12	11°22'44	29°53	18°48	27°54	25°12	23°20	16° 6	15°50	17°48	15°52	21°40	21°57	14° 5	14°29	T 5
F 6	0 57 9	12°22'04	13♓ 8	20°26	28°51	25°46	23°31	16°11	15°52	17°50	15°51	21°39	21°54	14°12	14°27	F 6
S 7	1 1 5	13°21'26	26° 9	22° 3	29°47	26°19	23°42	16°16	15°54	17°53	15°50	21°38	21°51	14°18	14°24	S 7
S 8	1 5 2	14°20'50	8♈56	23°39	0♐43	26°53	23°52	16°22	15°57	17°55	15°49	21°37	21°48	14°25	14°22	S 8
M 9	1 8 58	15°20'16	21°30	25°15	1°38	27°27	24° 2	16°27	15°59	17°57	15°48	21°D37	21°45	14°32	14°20	M 9
T 10	1 12 55	16°19'44	3♉51	26°50	2°32	28° 2	24°13	16°32	16° 1	17°59	15°47	21°37	21°41	14°38	14°17	T 10
W11	1 16 51	17°19'14	16° 0	28°25	3°26	28°36	24°23	16°37	16° 4	18° 2	15°46	21°37	21°38	14°45	14°15	W11
T 12	1 20 48	18°18'46	28° 0	29°59	4°20	29°11	24°33	16°42	16° 6	18° 4	15°46	21°38	21°35	14°52	14°13	T 12
F 13	1 24 44	19°18'21	9♊54	1♏32	5°13	29°46	24°43	16°47	16° 8	18° 6	15°45	21°38	21°32	14°58	14°11	F 13
S 14	1 28 41	20°17'58	21°44	3° 5	6° 5	0♒22	24°53	16°52	16°10	18° 8	15°44	21°38	21°29	15° 5	14° 8	S 14
S 15	1 32 37	21°17'37	3♋36	4°37	6°56	0°57	25° 3	16°56	16°12	18°11	15°43	21°R38	21°26	15°12	14° 6	S 15
M16	1 36 34	22°17'18	15°32	6° 8	7°47	1°33	25°12	17° 1	16°14	18°13	15°42	21°D38	21°22	15°19	14° 4	M16
T 17	1 40 31	23°17'02	27°39	7°39	8°37	2° 9	25°22	17° 6	16°16	18°15	15°41	21°38	21°19	15°25	14° 2	T 17
W18	1 44 27	24°16'47	9♌59	9° 9	9°27	2°45	25°32	17°10	16°18	18°17	15°39	21°39	21°16	15°32	14° 0	W18
T 19	1 48 24	25°16'35	22°39	10°39	10°15	3°21	25°41	17°14	16°20	18°20	15°38	21°39	21°13	15°39	13°58	T 19
F 20	1 52 20	26°16'26	5♍40	12° 8	11° 3	3°58	25°50	17°19	16°22	18°22	15°37	21°39	21°10	15°45	13°56	F 20
S 21	1 56 17	27°16'18	19° 6	13°36	11°50	4°34	25°59	17°23	16°23	18°24	15°36	21°40	21° 6	15°52	13°54	S 21
S 22	2 0 13	28°16'13	2♎57	15° 4	12°36	5°11	26° 9	17°27	16°25	18°26	15°35	21°40	21° 3	15°59	13°53	S 22
M23	2 4 10	29°16'09	17°11	16°31	13°22	5°48	26°17	17°31	16°27	18°28	15°34	21°R41	21° 0	16° 5	13°51	M23
T 24	2 8 6	0♏16'08	1♏45	17°57	14° 6	6°25	26°26	17°35	16°29	18°31	15°33	21°40	20°57	16°12	13°49	T 24
W25	2 12 3	1°16'09	16°32	19°23	14°49	7° 3	26°35	17°39	16°30	18°33	15°32	21°40	20°54	16°19	13°47	W25
T 26	2 16 0	2°16'11	1♐25	20°48	15°32	7°40	26°44	17°43	16°32	18°35	15°31	21°39	20°51	16°25	13°46	T 26
F 27	2 19 56	3°16'15	16°16	22°13	16°13	8°18	26°52	17°46	16°33	18°37	15°30	21°37	20°47	16°32	13°44	F 27
S 28	2 23 53	4°16'21	0♑57	23°36	16°53	8°56	27° 0	17°50	16°35	18°39	15°29	21°36	20°44	16°39	13°43	S 28
S 29	2 27 49	5°16'29	15°24	24°59	17°33	9°34	27° 9	17°53	16°36	18°42	15°28	21°35	20°41	16°46	13°41	S 29
M30	2 31 46	6°16'38	29°32	26°21	18°10	10°12	27°17	17°57	16°37	18°44	15°27	21°34	20°38	16°52	13°40	M30
T 31	2 35 42	7♏16'49	13♒21	27♏42	18♐47	10♒50	27♌25	18♌ 0	16♌38	18♎46	15♉25	21°D34	20♎35	16♊59	13♓38	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	2s57	18s21	5n 3	4s 7	0n45	22s16	3s34	24s47	3s19	14n42	0n44	16n56	0n49	16n48	0n39	5s25	1n39	2n 2	15s13	8s29	8s39	18n29	1s38	4n47
M 2	3 21	16 56	5 16	4 52	0 39	22 35	3 38	24 39	3 16	14 38	0 44	16 55	0 49	16 47	0 39	5 26	1 39	2 1	15 14	8 29	8 38	18 29	1 39	4 47
T 3	3 44	14 32	5 11	5 37	0 32	22 53	3 42	24 31	3 14	14 35	0 44	16 53	0 50	16 46	0 39	5 27	1 39	2 1	15 14	8 29	8 37	18 29	1 40	4 47
W 4	4 7	11 22	4 48	6 21	0 26	23 11	3 46	24 22	3 11	14 31	0 44	16 52	0 50	16 46	0 39	5 28	1 39	2 1	15 14	8 28	8 35	18 30	1 42	4 47
T 5	4 31	7 39	4 9	7 5	0 19	23 28	3 50	24 14	3 9	14 28	0 45	16 50	0 50	16 45	0 39	5 29	1 39	2 0	15 14	8 28	8 34	18 30	1 43	4 47
F 6	4 54	3 36	3 18	7 48	0 12	23 45	3 54	24 5	3 6	14 25	0 45	16 49	0 50	16 44	0 39	5 30	1 39	2 0	15 14	8 27	8 33	18 30	1 44	4 46
S 7	5 17	0n33	2 17	8 31	0 5	24 1	3 58	23 56	3 4	14 21	0 45	16 47	0 50	16 44	0 39	5 30	1 39	2 0	15 14	8 27	8 32	18 30	1 45	4 46
S 8	5 40	4 37	1 10	9 13	0s 1	24 17	4 2	23 47	3 2	14 18	0 45	16 46	0 50	16 43	0 40	5 31	1 39	1 59	15 14	8 27	8 31	18 30	1 46	4 46
M 9	6 3	8 24	0 1	9 55	0 8	24 32	4 6	23 38	2 59	14 15	0 45	16 44	0 51	16 42	0 40	5 32	1 39	1 59	15 15	8 27	8 29	18 31	1 47	4 46
T 10	6 26	11 46	1s 7	10 36	0 15	24 47	4 9	23 29	2 57	14 11	0 45	16 43	0 51	16 42	0 40	5 33	1 39	1 58	15 15	8 27	8 28	18 31	1 48	4 46
W11	6 49	14 34	2 11	11 17	0 22	25 1	4 13	23 20	2 55	14 8	0 46	16 42	0 51	16 41	0 40	5 34	1 39	1 58	15 15	8 27	8 27	18 31	1 49	4 45
T 12	7 12	16 41	3 9	11 56	0 29	25 15	4 16	23 10	2 52	14 5	0 46	16 40	0 51	16 40	0 40	5 35	1 39	1 58	15 15	8 27	8 26	18 31	1 50	4 45
F 13	7 34	18 4	3 57	12 35	0 36	25 28	4 19	23 0	2 50	14 2	0 46	16 39	0 51	16 40	0 40	5 35	1 39	1 57	15 15	8 27	8 25	18 32	1 51	4 45
S 14	7 57	18 39	4 35	13 14	0 43	25 40	4 23	22 50	2 48	13 59	0 46	16 38	0 51	16 39	0 40	5 36	1 39	1 57	15 15	8 27	8 23	18 32	1 52	4 45
S 15	8 19	18 24	5 2	13 52	0 50	25 52	4 26	22 40	2 45	13 56	0 46	16 36	0 51	16 39	0 40	5 37	1 39	1 56	15 15	8 27	8 22	18 32	1 53	4 44
M16	8 42	17 21	5 16	14 29	0 56	26 4	4 28	22 30	2 43	13 52	0 46	16 35	0 52	16 38	0 40	5 38	1 39	1 56	15 15	8 27	8 21	18 32	1 54	4 44
T 17	9 4	15 31	5 16	15 5	1 3	26 15	4 31	22 20	2 41	13 49	0 47	16 34	0 52	16 37	0 40	5 39	1 39	1 56	15 16	8 27	8 20	18 32	1 55	4 44
W18	9 26	12 56	5 1	15 40	1 9	26 25	4 34	22 9	2 38	13 46	0 47	16 33	0 52	16 37	0 40	5 40	1 39	1 55	15 16	8 27	8 19	18 33	1 56	4 44
T 19	9 48	9 42	4 32	16 15	1 16	26 35	4 36	21 58	2 36	13 43	0 47	16 32	0 52	16 36	0 40	5 41	1 39	1 55	15 16	8 27	8 17	18 33	1 57	4 43
F 20	10 10	5 54	3 49	16 49	1 22	26 44	4 38	21 48	2 34	13 40	0 47	16 30	0 52	16 36	0 40	5 41	1 39	1 55	15 16	8 27	8 16	18 33	1 58	4 43
S 21	10 31	1 42	2 51	17 21	1 28	26 53	4 41	21 37	2 32	13 37	0 47	16 29	0 53	16 35	0 40	5 42	1 39	1 54	15 16	8 28	8 15	18 33	1 59	4 43
S 22	10 53	2s44	1 42	17 54	1 35	27 1	4 42	21 25	2 29	13 35	0 48	16 28	0 53	16 35	0 40	5 43	1 39	1 54	15 16	8 28	8 14	18 33	2 0	4 43
M23	11 14	7 9	0 25	18 25	1 41	27 9	4 44	21 14	2 27	13 32	0 48	16 27	0 53	16 34	0 40	5 44	1 39	1 54	15 16	8 28	8 13	18 33	2 1	4 42
T 24	11 35	11 14	0n56	18 55	1 46	27 16	4 46	21 3	2 25	13 29	0 48	16 26	0 53	16 34	0 40	5 45	1 39	1 53	15 16	8 28	8 12	18 34	2 2	4 42
W25	11 56	14 41	2 14	19 24	1 52	27 22	4 47	20 51	2 23	13 26	0 48	16 25	0 53	16 34	0 40	5 45	1 39	1 53	15 16	8 28	8 10	18 34	2 3	4 42
T 26	12 17	17 10	3 23	19 52	1 57	27 28	4 48	20 39	2 21	13 23	0 48	16 24	0 53	16 33	0 40	5 46	1 39	1 53	15 16	8 27	8 9	18 34	2 4	4 42
F 27	12 38	18 29	4 18	20 20	2 2	27 34	4 49	20 27	2 18	13 21	0 49	16 23	0 54	16 33	0 40	5 47	1 39	1 52	15 16	8 27	8 8	18 34	2 5	4 41
S 28	12 58	18 33	4 56	20 46	2 7	27 39	4 50	20 15	2 16	13 18	0 49	16 22	0 54	16 32	0 40	5 48	1 39	1 52	15 16	8 26	8 7	18 34	2 6	4 41
S 29	13 18	17 23	5 15	21 11	2 12	27 43	4 50	20 3	2 14	13 15	0 49	16 21	0 54	16 32	0 40	5 49	1 39	1 52	15 16	8 26	8 6	18 34	2 6	4 41
M30	13 38	15 11	5 13	21 35	2 17	27 47	4 51	19 50	2 12	13 13	0 49	16 20	0 54	16 32	0 40	5 50	1 39	1 51	15 16	8 25	8 4	18 35	2 7	4 40
T 31	13s58	12s 9	4n54	21s58	2s21	27s50	4s50	19s38	2s10	13n10	0n49	16n20	0n54	16n31	0n40	5s50	1n39	1n51	15s16	8s25	8s 3	18n35	2s 8	4n40

Julian Day Number = 2314121.5, Delta T = 63.18 sec
Ecliptic obliquity = 23°29'09, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°29'20, Lahiri = 18°36'21Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1623
geocentric

NOVEMBER 1623 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 39 39	8♏17'01	26♒49	29♏ 2	19♐22	11♒29	27♌33	18♌ 3	16♌40	18♎48	15°R24	21♎35	20♎32	17♊ 6	13°R37	W 1
T 2	2 43 35	9°17'14	10♓ 0	0♐20	19°56	12° 8	27°40	18° 6	16°41	18°50	15♉23	21°36	20°28	17°12	13♓36	T 2
F 3	2 47 32	10°17'29	22°54	1°38	20°29	12°46	27°48	18° 9	16°42	18°52	15°22	21°38	20°25	17°19	13°34	F 3
S 4	2 51 29	11°17'45	5♈33	2°53	21° 0	13°25	27°55	18°12	16°43	18°54	15°21	21°39	20°22	17°26	13°33	S 4
S 5	2 55 25	12°18'04	18° 1	4° 8	21°30	14° 4	28° 3	18°15	16°44	18°57	15°20	21°R40	20°19	17°32	13°32	S 5
M 6	2 59 22	13°18'23	0♉18	5°20	21°57	14°43	28°10	18°18	16°45	18°59	15°19	21°39	20°16	17°39	13°31	M 6
T 7	3 3 18	14°18'45	12°26	6°31	22°24	15°22	28°17	18°20	16°46	19° 1	15°18	21°38	20°12	17°46	13°30	T 7
W 8	3 7 15	15°19'08	24°27	7°39	22°48	16° 1	28°24	18°23	16°47	19° 3	15°16	21°35	20° 9	17°53	13°29	W 8
T 9	3 11 11	16°19'33	6♊23	8°44	23°11	16°41	28°30	18°25	16°48	19° 5	15°15	21°32	20° 6	17°59	13°28	T 9
F 10	3 15 8	17°19'59	18°15	9°47	23°32	17°20	28°37	18°28	16°48	19° 7	15°14	21°27	20° 3	18° 6	13°27	F 10
S 11	3 19 4	18°20'27	0♋ 5	10°47	23°51	18° 0	28°43	18°30	16°49	19° 9	15°13	21°22	20° 0	18°13	13°26	S 11
S 12	3 23 1	19°20'57	11°57	11°43	24° 8	18°40	28°50	18°32	16°50	19°11	15°12	21°18	19°57	18°19	13°26	S 12
M13	3 26 58	20°21'29	23°53	12°35	24°23	19°19	28°56	18°34	16°50	19°13	15°11	21°14	19°53	18°26	13°25	M13
T 14	3 30 54	21°22'03	5♌57	13°22	24°36	19°59	29° 2	18°36	16°51	19°15	15°10	21°11	19°50	18°33	13°24	T 14
W15	3 34 51	22°22'38	18°14	14° 4	24°47	20°39	29° 8	18°37	16°51	19°17	15° 9	21°D10	19°47	18°40	13°24	W15
T 16	3 38 47	23°23'15	0♍47	14°40	24°56	21°19	29°13	18°39	16°51	19°19	15° 7	21°10	19°44	18°46	13°23	T 16
F 17	3 42 44	24°23'54	13°42	15° 9	25° 2	21°59	29°19	18°40	16°52	19°21	15° 6	21°11	19°41	18°53	13°23	F 17
S 18	3 46 40	25°24'34	27° 1	15°31	25° 6	22°40	29°24	18°42	16°52	19°23	15° 5	21°13	19°38	19° 0	13°22	S 18
S 19	3 50 37	26°25'16	10♎48	15°45	25°R 8	23°20	29°29	18°43	16°52	19°24	15° 4	21°14	19°34	19° 6	13°22	S 19
M20	3 54 33	27°26'00	25° 3	15°R50	25° 7	24° 0	29°35	18°44	16°52	19°26	15° 3	21°R15	19°31	19°13	13°22	M20
T 21	3 58 30	28°26'45	9♏43	15°46	25° 4	24°41	29°39	18°45	16°53	19°28	15° 2	21°13	19°28	19°20	13°21	T 21
W22	4 2 27	29°27'32	24°44	15°31	24°59	25°21	29°44	18°46	16°53	19°30	15° 1	21°10	19°25	19°26	13°21	W22
T 23	4 6 23	0♐28'20	9♐56	15° 5	24°51	26° 2	29°49	18°47	16°R53	19°32	15° 0	21° 5	19°22	19°33	13°21	T 23
F 24	4 10 20	1°29'10	25°10	14°28	24°40	26°42	29°53	18°48	16°53	19°34	14°59	20°59	19°18	19°40	13°D21	F 24
S 25	4 14 16	2°30'00	10♑15	13°40	24°27	27°23	29°57	18°49	16°53	19°35	14°58	20°53	19°15	19°47	13°21	S 25
S 26	4 18 13	3°30'52	25° 2	12°43	24°12	28° 4	0♍ 1	18°49	16°52	19°37	14°57	20°47	19°12	19°53	13°21	S 26
M27	4 22 9	4°31'44	9♒24	11°36	23°54	28°45	0° 5	18°50	16°52	19°39	14°56	20°42	19° 9	20° 0	13°21	M27
T 28	4 26 6	5°32'37	23°20	10°21	23°34	29°26	0° 9	18°50	16°52	19°41	14°54	20°40	19° 6	20° 7	13°21	T 28
W29	4 30 2	6°33'31	6♓49	9° 1	23°12	0♓ 7	0°12	18°50	16°52	19°42	14°53	20°D39	19° 3	20°13	13°22	W29
T 30	4 33 59	7♐34'26	19♓54	7♐39	22♐48	0♓48	0♍15	18°R50	16♌51	19♎44	14♉52	20♎40	18♎59	20♊20	13♓22	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	14s18	8s32	4n19	22s20	2s25	27s53	4s50	19s25	2s 8	13n 8	0n50	16n19	0n55	16n31	0n40	5s51	1n39	1n51	15s16	8s26	8s 2	18n35	2s 9	4n40
T 2	14 37	4 35	3 30	22 40	2 28	27 55	4 50	19 12	2 6	13 5	0 50	16 18	0 55	16 31	0 40	5 52	1 39	1 50	15 16	8 26	8 1	18 35	2 10	4 40
F 3	14 56	0 30	2 32	23 0	2 31	27 57	4 49	18 59	2 4	13 3	0 50	16 17	0 55	16 30	0 41	5 53	1 39	1 50	15 16	8 27	8 0	18 35	2 10	4 39
S 4	15 15	3n33	1 28	23 18	2 34	27 58	4 47	18 46	2 2	13 0	0 50	16 17	0 55	16 30	0 41	5 53	1 39	1 50	15 16	8 27	7 58	18 35	2 11	4 39
S 5	15 33	7 23	0 20	23 34	2 36	27 58	4 46	18 33	2 0	12 58	0 51	16 16	0 55	16 30	0 41	5 54	1 39	1 49	15 16	8 28	7 57	18 35	2 12	4 39
M 6	15 52	10 51	0s47	23 49	2 38	27 58	4 44	18 20	1 58	12 56	0 51	16 15	0 55	16 30	0 41	5 55	1 39	1 49	15 16	8 27	7 56	18 35	2 12	4 38
T 7	16 10	13 49	1 52	24 3	2 39	27 58	4 42	18 6	1 56	12 54	0 51	16 15	0 56	16 29	0 41	5 56	1 39	1 49	15 16	8 27	7 55	18 36	2 13	4 38
W 8	16 28	16 10	2 51	24 16	2 40	27 56	4 39	17 52	1 54	12 51	0 51	16 14	0 56	16 29	0 41	5 57	1 39	1 48	15 16	8 26	7 54	18 36	2 14	4 38
T 9	16 45	17 47	3 42	24 26	2 40	27 55	4 37	17 39	1 52	12 49	0 51	16 13	0 56	16 29	0 41	5 57	1 39	1 48	15 16	8 24	7 52	18 36	2 14	4 37
F 10	17 2	18 36	4 22	24 36	2 40	27 53	4 33	17 25	1 50	12 47	0 52	16 13	0 56	16 29	0 41	5 58	1 39	1 48	15 16	8 23	7 51	18 36	2 15	4 37
S 11	17 19	18 37	4 52	24 43	2 38	27 50	4 29	17 11	1 48	12 45	0 52	16 12	0 56	16 29	0 41	5 59	1 39	1 48	15 16	8 21	7 50	18 36	2 16	4 37
S 12	17 36	17 49	5 9	24 49	2 36	27 46	4 25	16 56	1 46	12 43	0 52	16 12	0 57	16 28	0 41	5 59	1 39	1 47	15 16	8 19	7 49	18 36	2 16	4 37
M13	17 52	16 14	5 13	24 53	2 33	27 43	4 21	16 42	1 44	12 41	0 52	16 12	0 57	16 28	0 41	6 0	1 39	1 47	15 16	8 18	7 48	18 36	2 17	4 36
T 14	18 8	13 56	5 3	24 55	2 30	27 38	4 16	16 28	1 42	12 39	0 53	16 11	0 57	16 28	0 41	6 1	1 39	1 47	15 16	8 17	7 46	18 36	2 17	4 36
W15	18 24	10 58	4 39	24 56	2 25	27 33	4 10	16 13	1 40	12 37	0 53	16 11	0 57	16 28	0 41	6 2	1 39	1 47	15 16	8 16	7 45	18 36	2 18	4 36
T 16	18 39	7 27	4 1	24 54	2 19	27 27	4 4	15 58	1 38	12 36	0 53	16 10	0 57	16 28	0 41	6 2	1 39	1 46	15 16	8 16	7 44	18 37	2 18	4 35
F 17	18 54	3 29	3 11	24 50	2 12	27 21	3 58	15 44	1 36	12 34	0 53	16 10	0 58	16 28	0 41	6 3	1 40	1 46	15 16	8 17	7 43	18 37	2 19	4 35
S 18	19 9	0s47	2 8	24 44	2 3	27 14	3 51	15 29	1 35	12 32	0 54	16 10	0 58	16 28	0 41	6 4	1 40	1 46	15 16	8 18	7 42	18 37	2 19	4 35
S 19	19 23	5 9	0 57	24 36	1 53	27 7	3 43	15 14	1 33	12 31	0 54	16 10	0 58	16 28	0 41	6 4	1 40	1 46	15 16	8 18	7 40	18 37	2 20	4 34
M20	19 37	9 23	0n21	24 25	1 42	26 59	3 35	14 59	1 31	12 29	0 54	16 10	0 58	16 28	0 41	6 5	1 40	1 46	15 16	8 18	7 39	18 37	2 20	4 34
T 21	19 51	13 11	1 39	24 12	1 29	26 50	3 27	14 43	1 29	12 28	0 54	16 9	0 58	16 28	0 41	6 6	1 40	1 45	15 16	8 18	7 38	18 37	2 20	4 34
W22	20 4	16 12	2 52	23 56	1 15	26 41	3 18	14 28	1 27	12 26	0 55	16 9	0 59	16 28	0 41	6 6	1 40	1 45	15 15	8 16	7 37	18 37	2 21	4 33
T 23	20 17	18 8	3 54	23 38	0 59	26 31	3 8	14 12	1 26	12 25	0 55	16 9	0 59	16 28	0 41	6 7	1 40	1 45	15 15	8 15	7 35	18 37	2 21	4 33
F 24	20 30	18 45	4 39	23 16	0 42	26 20	2 58	13 57	1 24	12 24	0 55	16 9	0 59	16 28	0 41	6 8	1 40	1 45	15 15	8 12	7 34	18 37	2 21	4 33
S 25	20 42	18 2	5 4	22 53	0 24	26 9	2 47	13 41	1 22	12 22	0 55	16 9	0 59	16 28	0 41	6 8	1 40	1 45	15 15	8 10	7 33	18 37	2 22	4 32
S 26	20 54	16 6	5 9	22 26	0 4	25 57	2 36	13 25	1 20	12 21	0 56	16 9	0 59	16 28	0 42	6 9	1 40	1 44	15 15	8 8	7 32	18 37	2 22	4 32
M27	21 5	13 13	4 53	21 57	0n16	25 45	2 24	13 10	1 19	12 20	0 56	16 9	1 0	16 28	0 42	6 10	1 40	1 44	15 15	8 6	7 31	18 37	2 22	4 32
T 28	21 16	9 39	4 21	21 27	0 37	25 31	2 12	12 54	1 17	12 19	0 56	16 9	1 0	16 28	0 42	6 10	1 40	1 44	15 15	8 5	7 29	18 37	2 23	4 31
W29	21 27	5 42	3 35	20 55	0 57	25 17	1 59	12 38	1 15	12 18	0 56	16 9	1 0	16 29	0 42	6 11	1 40	1 44	15 15	8 5	7 28	18 38	2 23	4 31
T 30	21s37	1s35	2n39	20s22	1n16	25s 3	1s46	12s21	1s14	12n17	0n57	16n10	1n 0	16n29	0n42	6s11	1n40	1n44	15s14	8s 5	7s27	18n38	2s23	4n31

Julian Day Number = 2314152.5, Delta T = 63.11 sec
Ecliptic obliquity = 23°29'09, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°29'24, Lahiri = 18°36'25Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1623
geocentric

DECEMBER 1623 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 37 56	8♐35'21	2♈38	6°R16	22°R21	1♓29	0♍18	18°R50	16°R51	19♎46	14°R51	20♎41	18♎56	20♊27	13♓22	F 1
S 2	4 41 52	9°36'17	15° 4	4♐56	21♐52	2°10	0°21	18♌50	16♌50	19°47	14♉50	20°R42	18°53	20°33	13°23	S 2
S 3	4 45 49	10°37'14	27°18	3°42	21°22	2°51	0°24	18°50	16°50	19°49	14°49	20°42	18°50	20°40	13°23	S 3
M 4	4 49 45	11°38'12	9♉22	2°35	20°50	3°32	0°27	18°49	16°49	19°50	14°48	20°40	18°47	20°47	13°24	M 4
T 5	4 53 42	12°39'10	21°20	1°38	20°17	4°14	0°29	18°49	16°48	19°52	14°47	20°35	18°43	20°54	13°24	T 5
W 6	4 57 38	13°40'10	3♊14	0°51	19°43	4°55	0°31	18°48	16°48	19°53	14°46	20°28	18°40	21° 0	13°25	W 6
T 7	5 1 35	14°41'10	15° 6	0°15	19° 8	5°36	0°33	18°47	16°47	19°55	14°45	20°19	18°37	21° 7	13°26	T 7
F 8	5 5 31	15°42'11	26°58	29♏51	18°32	6°18	0°35	18°47	16°46	19°56	14°44	20° 8	18°34	21°14	13°26	F 8
S 9	5 9 28	16°43'12	8♋50	29°37	17°55	6°59	0°37	18°46	16°45	19°58	14°44	19°57	18°31	21°20	13°27	S 9
S 10	5 13 25	17°44'15	20°45	29°D34	17°19	7°41	0°38	18°45	16°44	19°59	14°43	19°45	18°28	21°27	13°28	S 10
M11	5 17 21	18°45'18	2♌45	29°41	16°42	8°22	0°39	18°43	16°43	20° 0	14°42	19°35	18°24	21°34	13°29	M11
T 12	5 21 18	19°46'22	14°52	29°57	16° 6	9° 3	0°40	18°42	16°42	20° 2	14°41	19°27	18°21	21°41	13°30	T 12
W13	5 25 14	20°47'27	27° 8	0♐22	15°30	9°45	0°41	18°41	16°41	20° 3	14°40	19°22	18°18	21°47	13°31	W13
T 14	5 29 11	21°48'33	9♍38	0°54	14°56	10°27	0°42	18°39	16°40	20° 4	14°39	19°19	18°15	21°54	13°32	T 14
F 15	5 33 7	22°49'40	22°26	1°32	14°22	11° 8	0°42	18°38	16°39	20° 6	14°38	19°D18	18°12	22° 1	13°33	F 15
S 16	5 37 4	23°50'47	5♎36	2°17	13°50	11°50	0°43	18°36	16°38	20° 7	14°37	19°18	18° 9	22° 7	13°34	S 16
S 17	5 41 0	24°51'55	19°11	3° 7	13°19	12°31	0°R43	18°34	16°36	20° 8	14°37	19°R19	18° 5	22°14	13°36	S 17
M18	5 44 57	25°53'04	3♏14	4° 1	12°50	13°13	0°43	18°32	16°35	20° 9	14°36	19°18	18° 2	22°21	13°37	M18
T 19	5 48 54	26°54'14	17°45	5° 0	12°22	13°55	0°42	18°30	16°34	20°10	14°35	19°15	17°59	22°28	13°38	T 19
W20	5 52 50	27°55'24	2♐40	6° 2	11°57	14°36	0°42	18°28	16°32	20°12	14°34	19° 9	17°56	22°34	13°40	W20
T 21	5 56 47	28°56'35	17°53	7° 8	11°34	15°18	0°41	18°26	16°31	20°13	14°33	19° 1	17°53	22°41	13°41	T 21
F 22	6 0 43	29°57'46	3♑14	8°16	11°13	16° 0	0°40	18°24	16°29	20°14	14°33	18°51	17°49	22°48	13°43	F 22
S 23	6 4 40	0♑58'58	18°31	9°27	10°54	16°42	0°39	18°21	16°28	20°15	14°32	18°40	17°46	22°54	13°44	S 23
S 24	6 8 36	2° 0'09	3♒33	10°40	10°38	17°23	0°38	18°19	16°26	20°16	14°31	18°29	17°43	23° 1	13°46	S 24
M25	6 12 33	3° 1'21	18°10	11°55	10°24	18° 5	0°36	18°16	16°24	20°17	14°30	18°20	17°40	23° 8	13°48	M25
T 26	6 16 29	4° 2'32	2♓19	13°11	10°13	18°47	0°34	18°13	16°23	20°18	14°30	18°14	17°37	23°15	13°50	T 26
W27	6 20 26	5° 3'43	15°57	14°30	10° 4	19°29	0°33	18°10	16°21	20°18	14°29	18°10	17°34	23°21	13°51	W27
T 28	6 24 23	6° 4'54	29° 6	15°49	9°57	20°11	0°31	18° 8	16°19	20°19	14°28	18° 9	17°30	23°28	13°53	T 28
F 29	6 28 19	7° 6'04	11♈50	17°10	9°53	20°53	0°28	18° 5	16°17	20°20	14°28	18° 9	17°27	23°35	13°55	F 29
S 30	6 32 16	8° 7'15	24°14	18°32	9°D52	21°34	0°26	18° 2	16°16	20°21	14°27	18° 9	17°24	23°41	13°57	S 30
S 31	6 36 12	9♑ 8'25	6♉23	19♐55	9♐53	22♓16	0♍23	17♌58	16♌14	20♎22	14♉27	18♎ 8	17♎21	23♊48	13♓59	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	21 s47	2n31	1n36	19 s50	1n35	24 s48	1 s32	12 s 5	1 s12	12n16	0n57	16n10	1n 0	16n29	0n42	6 s12	1n40	1n44	15 s14	8 s 5	7 s26	18n38	2 s23	4n30
S 2	21 56	6 25	0 30	19 20	1 52	24 32	1 18	11 49	1 10	12 15	0 57	16 10	1 1	16 29	0 42	6 12	1 40	1 44	15 14	8 6	7 25	18 38	2 23	4 30
S 3	22 5	9 59	0 s36	18 52	2 7	24 15	1 3	11 33	1 9	12 15	0 57	16 10	1 1	16 29	0 42	6 13	1 40	1 43	15 14	8 6	7 23	18 38	2 23	4 30
M 4	22 13	13 5	1 39	18 26	2 19	23 58	0 48	11 16	1 7	12 14	0 58	16 11	1 1	16 29	0 42	6 14	1 40	1 43	15 14	8 5	7 22	18 38	2 23	4 30
T 5	22 21	15 36	2 37	18 5	2 30	23 41	0 33	11 0	1 5	12 13	0 58	16 11	1 1	16 30	0 42	6 14	1 40	1 43	15 14	8 3	7 21	18 38	2 24	4 29
W 6	22 29	17 27	3 28	17 47	2 38	23 23	0 18	10 43	1 4	12 13	0 58	16 11	1 1	16 30	0 42	6 15	1 40	1 43	15 13	8 1	7 20	18 38	2 24	4 29
T 7	22 36	18 31	4 9	17 34	2 44	23 5	0 2	10 26	1 2	12 12	0 58	16 12	1 2	16 30	0 42	6 15	1 40	1 43	15 13	7 57	7 19	18 38	2 24	4 29
F 8	22 43	18 47	4 40	17 25	2 48	22 46	0n13	10 9	1 1	12 12	0 59	16 12	1 2	16 31	0 42	6 16	1 40	1 43	15 13	7 53	7 17	18 38	2 24	4 28
S 9	22 49	18 14	4 59	17 20	2 50	22 27	0 29	9 53	0 59	12 12	0 59	16 13	1 2	16 31	0 42	6 16	1 40	1 43	15 13	7 49	7 16	18 38	2 24	4 28
S 10	22 55	16 52	5 4	17 19	2 50	22 8	0 44	9 36	0 57	12 12	0 59	16 13	1 2	16 31	0 42	6 17	1 41	1 43	15 13	7 44	7 15	18 38	2 24	4 28
M11	23 1	14 46	4 56	17 22	2 49	21 49	1 0	9 19	0 56	12 11	0 59	16 14	1 2	16 31	0 42	6 17	1 41	1 43	15 13	7 41	7 14	18 38	2 23	4 27
T 12	23 5	12 1	4 35	17 28	2 47	21 31	1 15	9 2	0 54	12 11	1 0	16 14	1 3	16 32	0 42	6 18	1 41	1 43	15 12	7 38	7 13	18 38	2 23	4 27
W13	23 10	8 43	4 1	17 36	2 43	21 12	1 30	8 45	0 53	12 11	1 0	16 15	1 3	16 32	0 42	6 18	1 41	1 43	15 12	7 36	7 11	18 38	2 23	4 27
T 14	23 14	4 58	3 15	17 47	2 39	20 53	1 45	8 28	0 51	12 11	1 0	16 16	1 3	16 33	0 42	6 18	1 41	1 43	15 12	7 34	7 10	18 38	2 23	4 26
F 15	23 17	0 54	2 18	18 0	2 34	20 35	2 0	8 10	0 50	12 11	1 1	16 16	1 3	16 33	0 42	6 19	1 41	1 43	15 12	7 34	7 9	18 38	2 23	4 26
S 16	23 21	3 s20	1 12	18 15	2 28	20 17	2 14	7 53	0 48	12 11	1 1	16 17	1 3	16 33	0 42	6 19	1 41	1 43	15 11	7 34	7 8	18 38	2 23	4 26
S 17	23 23	7 32	0 1	18 31	2 21	20 0	2 28	7 36	0 47	12 12	1 1	16 18	1 4	16 34	0 42	6 20	1 41	1 43	15 11	7 34	7 6	18 38	2 23	4 25
M18	23 25	11 28	1n13	18 48	2 14	19 43	2 41	7 19	0 46	12 12	1 1	16 19	1 4	16 34	0 42	6 20	1 41	1 43	15 11	7 34	7 5	18 38	2 22	4 25
T 19	23 27	14 50	2 25	19 6	2 7	19 27	2 54	7 1	0 44	12 12	1 2	16 19	1 4	16 35	0 42	6 20	1 41	1 43	15 11	7 33	7 4	18 38	2 22	4 25
W20	23 28	17 19	3 29	19 24	1 59	19 12	3 6	6 44	0 43	12 13	1 2	16 20	1 4	16 35	0 42	6 21	1 41	1 43	15 10	7 31	7 3	18 38	2 22	4 24
T 21	23 29	18 38	4 19	19 43	1 51	18 57	3 17	6 26	0 41	12 13	1 2	16 21	1 4	16 36	0 43	6 21	1 41	1 43	15 10	7 28	7 2	18 38	2 22	4 24
F 22	23 29	18 36	4 51	20 2	1 43	18 44	3 28	6 9	0 40	12 14	1 2	16 22	1 4	16 36	0 43	6 21	1 41	1 43	15 10	7 24	7 0	18 38	2 21	4 24
S 23	23 29	17 13	5 2	20 20	1 35	18 31	3 39	5 51	0 39	12 14	1 3	16 23	1 5	16 37	0 43	6 22	1 41	1 43	15 10	7 20	6 59	18 38	2 21	4 24
S 24	23 28	14 40	4 51	20 39	1 27	18 19	3 49	5 34	0 37	12 15	1 3	16 24	1 5	16 37	0 43	6 22	1 41	1 43	15 9	7 15	6 58	18 38	2 21	4 23
M25	23 27	11 15	4 22	20 58	1 19	18 8	3 58	5 16	0 36	12 16	1 3	16 25	1 5	16 38	0 43	6 22	1 41	1 43	15 9	7 12	6 57	18 38	2 20	4 23
T 26	23 25	7 17	3 38	21 16	1 10	17 58	4 6	4 58	0 34	12 17	1 3	16 26	1 5	16 38	0 43	6 23	1 41	1 43	15 9	7 10	6 56	18 38	2 20	4 23
W27	23 23	3 4	2 42	21 33	1 2	17 48	4 14	4 41	0 33	12 18	1 4	16 27	1 5	16 39	0 43	6 23	1 41	1 43	15 9	7 8	6 54	18 38	2 19	4 22
T 28	23 21	1n 9	1 39	21 50	0 54	17 40	4 22	4 23	0 32	12 19	1 4	16 28	1 6	16 39	0 43	6 23	1 42	1 43	15 8	7 8	6 53	18 38	2 19	4 22
F 29	23 18	5 12	0 33	22 7	0 46	17 33	4 29	4 5	0 31	12 20	1 4	16 29	1 6	16 40	0 43	6 24	1 42	1 43	15 8	7 8	6 52	18 38	2 19	4 22
S 30	23 14	8 55	0 s32	22 22	0 37	17 26	4 35	3 48	0 29	12 21	1 5	16 30	1 6	16 40	0 43	6 24	1 42	1 43	15 8	7 8	6 51	18 38	2 18	4 22
S 31	23 s10	12n11	1 s35	22 s37	0n29	17 s21	4n41	3 s30	0 s28	12n22	1n 5	16n31	1n 6	16n41	0n43	6 s24	1n42	1n43	15 s 8	7 s 7	6 s49	18n38	2 s18	4n21

Julian Day Number = 2314182.5, Delta T = 63.04 sec
Ecliptic obliquity = 23°29'08, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°29'29, Lahiri = 18°36'29Greg. Calendar