Astrodienst Ephemeris Tables

for the year 1622

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 1622
geocentric

JANUARY 1622 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 4	10♑39'18	23♌ 0	9°R25	21♒16	3♓46	18°R39	18°R 2	6°R26	16♎ 4	12°R31	27°R18	25♏57	2♈47	6♓18	S 1
S 2	6 46 1	11°40'27	7♍17	8♑ 5	22°28	4°32	18♊32	17♋57	6♌24	16° 5	12♉31	27♏12	25°54	2°54	6°20	S 2
M 3	6 49 57	12°41'37	21°34	6°48	23°39	5°18	18°25	17°52	6°21	16° 5	12°30	27° 8	25°51	3° 0	6°23	M 3
T 4	6 53 54	13°42'46	5♎47	5°37	24°51	6° 3	18°18	17°47	6°19	16° 5	12°30	27° 6	25°48	3° 7	6°26	T 4
W 5	6 57 50	14°43'55	19°54	4°32	26° 2	6°49	18°12	17°42	6°17	16° 6	12°30	27°D 6	25°45	3°14	6°28	W 5
T 6	7 1 47	15°45'05	3♏54	3°37	27°13	7°35	18° 5	17°37	6°14	16° 6	12°29	27° 7	25°41	3°21	6°31	T 6
F 7	7 5 43	16°46'15	17°46	2°50	28°24	8°20	17°59	17°33	6°12	16° 7	12°29	27° 8	25°38	3°27	6°34	F 7
S 8	7 9 40	17°47'24	1♐30	2°13	29°35	9° 6	17°53	17°28	6° 9	16° 7	12°28	27°R 8	25°35	3°34	6°37	S 8
S 9	7 13 36	18°48'33	15° 5	1°46	0♓46	9°52	17°47	17°23	6° 7	16° 7	12°28	27° 7	25°32	3°41	6°40	S 9
M10	7 17 33	19°49'42	28°30	1°29	1°57	10°37	17°41	17°18	6° 5	16° 8	12°28	27° 3	25°29	3°47	6°43	M10
T 11	7 21 30	20°50'51	11♑44	1°D21	3° 8	11°23	17°35	17°13	6° 2	16° 8	12°27	26°56	25°26	3°54	6°45	T 11
W12	7 25 26	21°51'59	24°45	1°21	4°18	12° 8	17°30	17° 8	6° 0	16° 8	12°27	26°47	25°22	4° 1	6°48	W12
T 13	7 29 23	22°53'06	7♒32	1°29	5°29	12°54	17°24	17° 3	5°57	16° 8	12°27	26°36	25°19	4° 7	6°51	T 13
F 14	7 33 19	23°54'13	20° 6	1°45	6°39	13°39	17°19	16°58	5°54	16° 8	12°26	26°25	25°16	4°14	6°55	F 14
S 15	7 37 16	24°55'19	2♓25	2° 8	7°49	14°25	17°14	16°53	5°52	16° 8	12°26	26°15	25°13	4°21	6°58	S 15
S 16	7 41 12	25°56'24	14°32	2°37	8°59	15°10	17° 9	16°48	5°49	16° 8	12°26	26° 5	25°10	4°27	7° 1	S 16
M17	7 45 9	26°57'28	26°29	3°11	10° 9	15°56	17° 4	16°43	5°47	16°R 8	12°26	25°58	25° 6	4°34	7° 4	M17
T 18	7 49 5	27°58'31	8♈20	3°51	11°19	16°41	17° 0	16°39	5°44	16° 8	12°25	25°53	25° 3	4°41	7° 7	T 18
W19	7 53 2	28°59'33	20° 9	4°35	12°28	17°27	16°55	16°34	5°42	16° 8	12°25	25°51	25° 0	4°48	7°10	W19
T 20	7 56 59	0♒ 0'34	2♉ 1	5°23	13°38	18°12	16°51	16°29	5°39	16° 8	12°25	25°D51	24°57	4°54	7°14	T 20
F 21	8 0 55	1° 1'34	14° 3	6°16	14°47	18°58	16°47	16°24	5°36	16° 8	12°25	25°51	24°54	5° 1	7°17	F 21
S 22	8 4 52	2° 2'33	26°18	7°11	15°56	19°43	16°43	16°20	5°34	16° 8	12°25	25°R52	24°51	5° 8	7°20	S 22
S 23	8 8 48	3° 3'30	8♊53	8°10	17° 5	20°28	16°40	16°15	5°31	16° 8	12°25	25°51	24°47	5°14	7°24	S 23
M24	8 12 45	4° 4'27	21°51	9°12	18°14	21°13	16°36	16°10	5°29	16° 8	12°25	25°48	24°44	5°21	7°27	M24
T 25	8 16 41	5° 5'22	5♋15	10°16	19°23	21°59	16°33	16° 6	5°26	16° 7	12°25	25°42	24°41	5°28	7°30	T 25
W26	8 20 38	6° 6'16	19° 4	11°22	20°31	22°44	16°30	16° 1	5°23	16° 7	12°D25	25°34	24°38	5°34	7°34	W26
T 27	8 24 34	7° 7'09	3♌17	12°31	21°39	23°29	16°27	15°57	5°21	16° 7	12°25	25°24	24°35	5°41	7°37	T 27
F 28	8 28 31	8° 8'00	17°49	13°42	22°47	24°14	16°24	15°52	5°18	16° 6	12°25	25°12	24°32	5°48	7°41	F 28
S 29	8 32 28	9° 8'51	2♍31	14°54	23°55	24°59	16°22	15°48	5°15	16° 6	12°25	25° 1	24°28	5°54	7°44	S 29
S 30	8 36 24	10° 9'40	17°17	16° 9	25° 3	25°44	16°20	15°44	5°13	16° 6	12°25	24°51	24°25	6° 1	7°48	S 30
M31	8 40 21	11♒10'28	1♎58	17♑25	26♓10	26♓29	16♊18	15♋40	5♌10	16♎ 5	12♉25	24♏44	24♏22	6♈ 8	7♓51	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	23s 4	9n 2	5s 8	20s19	2n50	16s 5	1s44	11s 1	0s56	22n37	0s23	22n 7	0s 9	19n20	0n39	4s48	1n39	0n57	15s22	19s36	19s17	4n53	4s35	4n59
S 2	22 58	4 9	5 4	20 13	3 1	15 40	1 42	10 43	0 55	22 37	0 23	22 8	0 9	19 20	0 39	4 49	1 39	0 57	15 22	19 34	19 16	4 56	4 34	4 59
M 3	22 53	0s58	4 41	20 9	3 10	15 14	1 40	10 26	0 54	22 36	0 23	22 8	0 9	19 21	0 39	4 49	1 39	0 57	15 22	19 33	19 15	4 58	4 34	4 59
T 4	22 47	6 0	4 1	20 6	3 16	14 48	1 38	10 8	0 53	22 36	0 23	22 9	0 9	19 22	0 39	4 49	1 39	0 58	15 21	19 33	19 15	5 0	4 33	4 58
W 5	22 40	10 41	3 7	20 5	3 20	14 22	1 36	9 50	0 52	22 35	0 22	22 10	0 9	19 22	0 39	4 49	1 39	0 58	15 21	19 33	19 14	5 2	4 32	4 58
T 6	22 33	14 45	2 2	20 5	3 21	13 55	1 33	9 32	0 51	22 35	0 22	22 11	0 9	19 23	0 39	4 49	1 39	0 58	15 21	19 33	19 13	5 4	4 31	4 58
F 7	22 26	17 58	0 50	20 7	3 20	13 29	1 31	9 14	0 51	22 35	0 22	22 12	0 9	19 23	0 39	4 49	1 39	0 58	15 21	19 33	19 12	5 6	4 31	4 58
S 8	22 18	20 7	0n23	20 10	3 18	13 1	1 29	8 56	0 50	22 34	0 22	22 12	0 8	19 24	0 39	4 49	1 40	0 58	15 20	19 33	19 12	5 9	4 30	4 57
S 9	22 10	21 5	1 35	20 15	3 14	12 34	1 26	8 38	0 49	22 34	0 22	22 13	0 8	19 25	0 39	4 49	1 40	0 58	15 20	19 33	19 11	5 11	4 29	4 57
M10	22 1	20 49	2 40	20 21	3 8	12 6	1 23	8 20	0 48	22 33	0 22	22 14	0 8	19 25	0 39	4 49	1 40	0 59	15 20	19 32	19 10	5 13	4 28	4 57
T 11	21 52	19 23	3 36	20 27	3 1	11 38	1 20	8 2	0 47	22 33	0 21	22 14	0 8	19 26	0 39	4 49	1 40	0 59	15 19	19 31	19 9	5 15	4 27	4 56
W12	21 42	16 58	4 19	20 35	2 54	11 9	1 18	7 44	0 46	22 33	0 21	22 15	0 8	19 27	0 39	4 49	1 40	0 59	15 19	19 29	19 9	5 17	4 27	4 56
T 13	21 32	13 47	4 48	20 43	2 45	10 41	1 15	7 25	0 45	22 32	0 21	22 16	0 8	19 27	0 39	4 49	1 40	0 59	15 19	19 26	19 8	5 19	4 26	4 56
F 14	21 22	10 1	5 3	20 52	2 36	10 12	1 12	7 7	0 44	22 32	0 21	22 17	0 8	19 28	0 39	4 49	1 40	1 0	15 18	19 24	19 7	5 22	4 25	4 56
S 15	21 11	5 55	5 3	21 1	2 27	9 43	1 8	6 49	0 43	22 32	0 21	22 17	0 8	19 28	0 39	4 49	1 40	1 0	15 18	19 21	19 6	5 24	4 24	4 55
S 16	21 0	1 39	4 49	21 11	2 17	9 13	1 5	6 30	0 42	22 32	0 20	22 18	0 8	19 29	0 39	4 49	1 40	1 0	15 18	19 19	19 6	5 26	4 23	4 55
M17	20 48	2n37	4 23	21 20	2 7	8 44	1 2	6 12	0 42	22 31	0 20	22 19	0 7	19 30	0 39	4 49	1 40	1 0	15 17	19 17	19 5	5 28	4 22	4 55
T 18	20 36	6 46	3 45	21 29	1 57	8 14	0 58	5 53	0 41	22 31	0 20	22 20	0 7	19 30	0 39	4 49	1 40	1 1	15 17	19 16	19 4	5 30	4 21	4 55
W19	20 24	10 39	2 59	21 38	1 47	7 44	0 55	5 35	0 40	22 31	0 20	22 20	0 7	19 31	0 39	4 49	1 40	1 1	15 17	19 16	19 3	5 32	4 20	4 55
T 20	20 11	14 8	2 4	21 46	1 36	7 14	0 51	5 16	0 39	22 31	0 20	22 21	0 7	19 32	0 39	4 49	1 40	1 1	15 16	19 15	19 3	5 34	4 19	4 54
F 21	19 58	17 5	1 3	21 54	1 26	6 44	0 47	4 58	0 38	22 30	0 20	22 22	0 7	19 32	0 39	4 49	1 40	1 1	15 16	19 16	19 2	5 37	4 18	4 54
S 22	19 45	19 20	0s 2	22 2	1 16	6 13	0 43	4 39	0 37	22 30	0 19	22 22	0 7	19 33	0 39	4 49	1 40	1 2	15 16	19 16	19 1	5 39	4 17	4 54
S 23	19 31	20 42	1 9	22 8	1 6	5 43	0 40	4 20	0 36	22 30	0 19	22 23	0 7	19 34	0 39	4 49	1 40	1 2	15 15	19 15	19 0	5 41	4 16	4 54
M24	19 17	21 1	2 14	22 14	0 56	5 12	0 36	4 2	0 35	22 30	0 19	22 24	0 7	19 34	0 39	4 49	1 41	1 2	15 15	19 15	18 59	5 43	4 15	4 53
T 25	19 2	20 10	3 13	22 19	0 46	4 42	0 31	3 43	0 35	22 30	0 19	22 24	0 7	19 35	0 39	4 48	1 41	1 3	15 15	19 13	18 59	5 45	4 14	4 53
W26	18 47	18 7	4 3	22 23	0 37	4 11	0 27	3 24	0 34	22 30	0 19	22 25	0 6	19 36	0 39	4 48	1 41	1 3	15 14	19 11	18 58	5 47	4 13	4 53
T 27	18 32	14 55	4 40	22 27	0 27	3 40	0 23	3 6	0 33	22 29	0 18	22 26	0 6	19 36	0 39	4 48	1 41	1 3	15 14	19 9	18 57	5 49	4 12	4 53
F 28	18 16	10 47	4 59	22 29	0 18	3 9	0 19	2 47	0 32	22 29	0 18	22 26	0 6	19 37	0 39	4 48	1 41	1 4	15 14	19 6	18 56	5 52	4 11	4 53
S 29	18 0	5 57	4 59	22 30	0 9	2 38	0 14	2 28	0 31	22 29	0 18	22 27	0 6	19 38	0 39	4 48	1 41	1 4	15 13	19 4	18 56	5 54	4 10	4 52
S 30	17 44	0 45	4 39	22 31	0 0	2 7	0 10	2 9	0 30	22 29	0 18	22 27	0 6	19 38	0 39	4 47	1 41	1 4	15 13	19 1	18 55	5 56	4 8	4 52
M31	17s27	4s28	4s 1	22s30	0s 9	1s36	0s 5	1s51	0s29	22n29	0s18	22n28	0s 6	19n39	0n39	4s47	1n41	1n 5	15s13	18s59	18s54	5n58	4s 7	4n52

Julian Day Number = 2313483.5, Delta T = 64.73 sec
Ecliptic obliquity = 23°29'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°27'52, Lahiri = 18°34'53Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1622
geocentric

FEBRUARY 1622 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 17	12♒11'16	16♎28	18♑42	27♓18	27♓14	16°R16	15°R35	5°R 8	16°R 5	12♉25	24°R39	24♏19	6♈15	7♓55	T 1
W 2	8 48 14	13°12'02	0♏43	20° 1	28°25	27°59	16♊14	15♋31	5♌ 5	16♎ 4	12°25	24♏37	24°16	6°21	7°58	W 2
T 3	8 52 10	14°12'48	14°42	21°21	29°31	28°44	16°13	15°27	5° 2	16° 4	12°25	24°D36	24°12	6°28	8° 2	T 3
F 4	8 56 7	15°13'33	28°25	22°42	0♈38	29°29	16°11	15°23	5° 0	16° 3	12°26	24°R37	24° 9	6°35	8° 6	F 4
S 5	9 0 3	16°14'16	11♐53	24° 5	1°44	0♈14	16°10	15°19	4°57	16° 2	12°26	24°36	24° 6	6°41	8° 9	S 5
S 6	9 4 0	17°14'59	25° 7	25°28	2°50	0°59	16° 9	15°16	4°55	16° 2	12°26	24°33	24° 3	6°48	8°13	S 6
M 7	9 7 57	18°15'40	8♑10	26°53	3°56	1°44	16° 9	15°12	4°52	16° 1	12°26	24°27	24° 0	6°55	8°17	M 7
T 8	9 11 53	19°16'20	21° 1	28°19	5° 2	2°29	16° 8	15° 8	4°50	16° 0	12°27	24°18	23°57	7° 1	8°20	T 8
W 9	9 15 50	20°16'59	3♒42	29°46	6° 7	3°13	16° 8	15° 5	4°47	16° 0	12°27	24° 6	23°53	7° 8	8°24	W 9
T 10	9 19 46	21°17'36	16°13	1♒14	7°12	3°58	16°D 8	15° 1	4°45	15°59	12°27	23°52	23°50	7°15	8°28	T 10
F 11	9 23 43	22°18'12	28°33	2°43	8°17	4°43	16° 8	14°58	4°42	15°58	12°28	23°38	23°47	7°21	8°32	F 11
S 12	9 27 39	23°18'46	10♓43	4°12	9°21	5°27	16° 8	14°54	4°40	15°57	12°28	23°23	23°44	7°28	8°35	S 12
S 13	9 31 36	24°19'18	22°45	5°43	10°25	6°12	16° 9	14°51	4°37	15°56	12°28	23°11	23°41	7°35	8°39	S 13
M14	9 35 32	25°19'49	4♈38	7°15	11°29	6°57	16°10	14°48	4°35	15°55	12°29	23° 0	23°37	7°41	8°43	M14
T 15	9 39 29	26°20'18	16°27	8°48	12°33	7°41	16°11	14°45	4°32	15°55	12°29	22°53	23°34	7°48	8°47	T 15
W16	9 43 26	27°20'45	28°15	10°22	13°36	8°26	16°12	14°42	4°30	15°54	12°30	22°49	23°31	7°55	8°51	W16
T 17	9 47 22	28°21'11	10♉ 6	11°56	14°39	9°10	16°13	14°39	4°28	15°53	12°30	22°47	23°28	8° 2	8°54	T 17
F 18	9 51 19	29°21'34	22° 4	13°32	15°41	9°54	16°15	14°36	4°25	15°52	12°31	22°46	23°25	8° 8	8°58	F 18
S 19	9 55 15	0♓21'56	4♊16	15° 9	16°43	10°39	16°17	14°33	4°23	15°51	12°31	22°46	23°22	8°15	9° 2	S 19
S 20	9 59 12	1°22'15	16°47	16°46	17°45	11°23	16°18	14°31	4°21	15°50	12°32	22°45	23°18	8°22	9° 6	S 20
M21	10 3 8	2°22'33	29°42	18°25	18°46	12° 7	16°21	14°28	4°19	15°49	12°32	22°43	23°15	8°28	9°10	M21
T 22	10 7 5	3°22'48	13♋ 5	20° 4	19°47	12°52	16°23	14°26	4°16	15°47	12°33	22°38	23°12	8°35	9°14	T 22
W23	10 11 1	4°23'02	26°57	21°45	20°48	13°36	16°25	14°24	4°14	15°46	12°33	22°30	23° 9	8°42	9°18	W23
T 24	10 14 58	5°23'13	11♌18	23°27	21°48	14°20	16°28	14°21	4°12	15°45	12°34	22°20	23° 6	8°48	9°21	T 24
F 25	10 18 55	6°23'22	26° 3	25° 9	22°48	15° 4	16°31	14°19	4°10	15°44	12°34	22° 9	23° 3	8°55	9°25	F 25
S 26	10 22 51	7°23'30	11♍ 4	26°53	23°47	15°48	16°34	14°17	4° 8	15°43	12°35	21°58	22°59	9° 2	9°29	S 26
S 27	10 26 48	8°23'36	26°13	28°38	24°45	16°32	16°37	14°15	4° 6	15°42	12°36	21°48	22°56	9° 8	9°33	S 27
M28	10 30 44	9♓23'39	11♎17	0♓24	25♈44	17♈16	16♊41	14♋14	4♌ 4	15♎40	12♉36	21♏40	22♏53	9♈15	9♓37	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	17s11	9s22	3s 7	22s28	0s17	1s 5	0s 0	1s32	0s28	22n29	0s17	22n29	0s 6	19n40	0n39	4s47	1n41	1n 5	15s12	18s58	18s53	6n 0	4s 6	4n52
W 2	16 53	13 40	2 3	22 24	0 25	0 34	0n 5	1 13	0 28	22 29	0 17	22 29	0 6	19 40	0 39	4 47	1 41	1 5	15 12	18 58	18 52	6 2	4 5	4 52
T 3	16 36	17 7	0 52	22 20	0 33	0 3	0 9	0 55	0 27	22 29	0 17	22 30	0 6	19 41	0 39	4 46	1 41	1 6	15 12	18 58	18 52	6 4	4 4	4 52
F 4	16 18	19 31	0n20	22 14	0 41	0n28	0 14	0 36	0 26	22 29	0 17	22 30	0 5	19 41	0 39	4 46	1 41	1 6	15 11	18 58	18 51	6 6	4 3	4 51
S 5	16 0	20 46	1 30	22 7	0 48	0 59	0 19	0 17	0 25	22 29	0 17	22 31	0 5	19 42	0 39	4 46	1 41	1 6	15 11	18 57	18 50	6 8	4 1	4 51
S 6	15 42	20 50	2 34	21 59	0 55	1 30	0 24	0n 1	0 24	22 29	0 17	22 32	0 5	19 43	0 39	4 46	1 41	1 7	15 11	18 57	18 49	6 11	4 0	4 51
M 7	15 23	19 46	3 28	21 50	1 2	2 1	0 30	0 20	0 23	22 30	0 16	22 32	0 5	19 43	0 39	4 45	1 41	1 7	15 10	18 55	18 49	6 13	3 59	4 51
T 8	15 4	17 42	4 11	21 39	1 8	2 32	0 35	0 39	0 23	22 30	0 16	22 33	0 5	19 44	0 39	4 45	1 41	1 8	15 10	18 53	18 48	6 15	3 58	4 51
W 9	14 45	14 48	4 41	21 27	1 14	3 3	0 40	0 57	0 22	22 30	0 16	22 33	0 5	19 44	0 39	4 45	1 41	1 8	15 10	18 50	18 47	6 17	3 56	4 51
T 10	14 26	11 17	4 57	21 14	1 20	3 33	0 45	1 16	0 21	22 30	0 16	22 34	0 5	19 45	0 39	4 44	1 41	1 8	15 9	18 47	18 46	6 19	3 55	4 51
F 11	14 6	7 20	4 58	20 59	1 26	4 4	0 51	1 34	0 20	22 30	0 16	22 34	0 5	19 46	0 39	4 44	1 42	1 9	15 9	18 43	18 45	6 21	3 54	4 50
S 12	13 46	3 9	4 46	20 43	1 31	4 35	0 56	1 53	0 19	22 30	0 16	22 35	0 5	19 46	0 39	4 44	1 42	1 9	15 9	18 39	18 45	6 23	3 53	4 50
S 13	13 26	1n 7	4 21	20 26	1 36	5 5	1 2	2 11	0 18	22 31	0 15	22 35	0 4	19 47	0 39	4 43	1 42	1 10	15 8	18 36	18 44	6 25	3 51	4 50
M14	13 6	5 17	3 45	20 7	1 41	5 35	1 7	2 29	0 18	22 31	0 15	22 36	0 4	19 47	0 39	4 43	1 42	1 10	15 8	18 34	18 43	6 27	3 50	4 50
T 15	12 46	9 14	2 59	19 47	1 45	6 5	1 13	2 48	0 17	22 31	0 15	22 36	0 4	19 48	0 39	4 42	1 42	1 11	15 8	18 32	18 42	6 29	3 49	4 50
W16	12 25	12 50	2 6	19 26	1 49	6 35	1 19	3 6	0 16	22 31	0 15	22 36	0 4	19 49	0 39	4 42	1 42	1 11	15 7	18 31	18 41	6 32	3 47	4 50
T 17	12 4	15 56	1 7	19 3	1 53	7 5	1 24	3 24	0 15	22 32	0 15	22 37	0 4	19 49	0 39	4 42	1 42	1 11	15 7	18 30	18 41	6 34	3 46	4 50
F 18	11 43	18 23	0 4	18 39	1 56	7 34	1 30	3 43	0 14	22 32	0 14	22 37	0 4	19 50	0 39	4 41	1 42	1 12	15 7	18 30	18 40	6 36	3 45	4 50
S 19	11 22	20 3	1s 1	18 13	1 59	8 4	1 36	4 1	0 14	22 32	0 14	22 38	0 4	19 50	0 39	4 41	1 42	1 12	15 6	18 30	18 39	6 38	3 43	4 49
S 20	11 1	20 47	2 4	17 46	2 2	8 33	1 42	4 19	0 13	22 33	0 14	22 38	0 4	19 51	0 39	4 40	1 42	1 13	15 6	18 30	18 38	6 40	3 42	4 49
M21	10 39	20 27	3 2	17 18	2 4	9 2	1 48	4 37	0 12	22 33	0 14	22 38	0 4	19 51	0 39	4 40	1 42	1 13	15 6	18 29	18 37	6 42	3 41	4 49
T 22	10 17	18 59	3 53	16 48	2 6	9 31	1 54	4 55	0 11	22 34	0 14	22 39	0 3	19 52	0 39	4 39	1 42	1 14	15 5	18 28	18 37	6 44	3 39	4 49
W23	9 55	16 21	4 32	16 17	2 7	9 59	2 0	5 13	0 10	22 34	0 14	22 39	0 3	19 52	0 39	4 39	1 42	1 14	15 5	18 26	18 36	6 46	3 38	4 49
T 24	9 33	12 41	4 56	15 45	2 8	10 27	2 6	5 31	0 10	22 34	0 13	22 40	0 3	19 53	0 39	4 38	1 42	1 15	15 5	18 23	18 35	6 48	3 37	4 49
F 25	9 11	8 9	5 1	15 11	2 9	10 55	2 12	5 49	0 9	22 35	0 13	22 40	0 3	19 53	0 39	4 38	1 42	1 15	15 4	18 21	18 34	6 50	3 35	4 49
S 26	8 49	3 2	4 45	14 35	2 9	11 23	2 18	6 6	0 8	22 35	0 13	22 40	0 3	19 54	0 39	4 37	1 42	1 16	15 4	18 18	18 33	6 52	3 34	4 49
S 27	8 26	2s18	4 9	13 59	2 8	11 51	2 24	6 24	0 7	22 36	0 13	22 40	0 3	19 54	0 39	4 37	1 42	1 16	15 4	18 15	18 33	6 54	3 33	4 49
M28	8s 4	7s29	3s16	13s21	2s 8	12n18	2n30	6n42	0s 7	22n36	0s13	22n41	0s 3	19n55	0n39	4s36	1n42	1n17	15s 3	18s13	18s32	6n56	3s31	4n49

Julian Day Number = 2313514.5, Delta T = 64.65 sec
Ecliptic obliquity = 23°29'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°27'57, Lahiri = 18°34'57Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1622
geocentric

MARCH 1622 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 41	10♓23'42	26♎10	2♓11	26♈41	18♈ 0	16♊45	14°R12	4°R 2	15°R39	12♉37	21°R36	22♏50	9♈22	9♓41	T 1
W 2	10 38 37	11°23'42	10♏43	3°59	27°39	18°44	16°48	14♋10	4♌ 0	15♎38	12°38	21♏33	22°47	9°28	9°45	W 2
T 3	10 42 34	12°23'41	24°54	5°48	28°35	19°28	16°52	14° 9	3°58	15°37	12°39	21°D33	22°43	9°35	9°49	T 3
F 4	10 46 30	13°23'39	8♐41	7°38	29°31	20°12	16°57	14° 8	3°56	15°35	12°39	21°R33	22°40	9°42	9°52	F 4
S 5	10 50 27	14°23'34	22° 7	9°30	0♉27	20°55	17° 1	14° 6	3°54	15°34	12°40	21°33	22°37	9°48	9°56	S 5
S 6	10 54 24	15°23'29	5♑14	11°22	1°22	21°39	17° 5	14° 5	3°53	15°33	12°41	21°31	22°34	9°55	10° 0	S 6
M 7	10 58 20	16°23'21	18° 4	13°16	2°16	22°23	17°10	14° 4	3°51	15°31	12°42	21°27	22°31	10° 2	10° 4	M 7
T 8	11 2 17	17°23'12	0♒41	15°10	3°10	23° 6	17°15	14° 3	3°49	15°30	12°43	21°20	22°28	10° 8	10° 8	T 8
W 9	11 6 13	18°23'01	13° 6	17° 6	4° 3	23°50	17°20	14° 2	3°48	15°28	12°43	21°11	22°24	10°15	10°12	W 9
T 10	11 10 10	19°22'48	25°21	19° 3	4°55	24°34	17°25	14° 2	3°46	15°27	12°44	21° 0	22°21	10°22	10°16	T 10
F 11	11 14 6	20°22'33	7♓28	21° 1	5°47	25°17	17°31	14° 1	3°44	15°26	12°45	20°48	22°18	10°29	10°19	F 11
S 12	11 18 3	21°22'16	19°28	22°59	6°38	26° 1	17°36	14° 1	3°43	15°24	12°46	20°36	22°15	10°35	10°23	S 12
S 13	11 21 59	22°21'57	1♈23	24°58	7°28	26°44	17°42	14° 0	3°41	15°23	12°47	20°26	22°12	10°42	10°27	S 13
M14	11 25 56	23°21'36	13°13	26°58	8°17	27°27	17°48	14° 0	3°40	15°21	12°48	20°17	22° 8	10°49	10°31	M14
T 15	11 29 52	24°21'13	25° 1	28°59	9° 6	28°11	17°54	14° 0	3°39	15°20	12°49	20°11	22° 5	10°55	10°35	T 15
W16	11 33 49	25°20'48	6♉49	0♈59	9°53	28°54	18° 0	14°D 0	3°37	15°18	12°50	20° 8	22° 2	11° 2	10°38	W16
T 17	11 37 46	26°20'20	18°41	3° 0	10°40	29°37	18° 6	14° 0	3°36	15°17	12°51	20°D 7	21°59	11° 9	10°42	T 17
F 18	11 41 42	27°19'50	0♊40	5° 1	11°26	0♉20	18°13	14° 0	3°35	15°15	12°52	20° 7	21°56	11°15	10°46	F 18
S 19	11 45 39	28°19'19	12°52	7° 1	12°11	1° 4	18°20	14° 0	3°33	15°13	12°53	20° 9	21°53	11°22	10°50	S 19
S 20	11 49 35	29°18'44	25°20	9° 1	12°55	1°47	18°26	14° 1	3°32	15°12	12°54	20°R 9	21°49	11°29	10°53	S 20
M21	11 53 32	0♈18'08	8♋10	10°59	13°37	2°30	18°33	14° 1	3°31	15°10	12°55	20° 9	21°46	11°35	10°57	M21
T 22	11 57 28	1°17'29	21°26	12°57	14°19	3°13	18°40	14° 2	3°30	15° 9	12°56	20° 7	21°43	11°42	11° 1	T 22
W23	12 1 25	2°16'48	5♌11	14°52	15° 0	3°56	18°48	14° 3	3°29	15° 7	12°57	20° 3	21°40	11°49	11° 4	W23
T 24	12 5 21	3°16'04	19°26	16°45	15°39	4°39	18°55	14° 4	3°28	15° 6	12°58	19°58	21°37	11°55	11° 8	T 24
F 25	12 9 18	4°15'18	4♍ 8	18°36	16°18	5°22	19° 3	14° 5	3°27	15° 4	12°59	19°51	21°34	12° 2	11°12	F 25
S 26	12 13 15	5°14'30	19°10	20°24	16°55	6° 4	19°10	14° 6	3°26	15° 2	13° 0	19°44	21°30	12° 9	11°15	S 26
S 27	12 17 11	6°13'39	4♎25	22° 8	17°30	6°47	19°18	14° 7	3°26	15° 1	13° 1	19°38	21°27	12°15	11°19	S 27
M28	12 21 8	7°12'47	19°42	23°49	18° 5	7°30	19°26	14° 8	3°25	14°59	13° 2	19°33	21°24	12°22	11°23	M28
T 29	12 25 4	8°11'52	4♏49	25°25	18°38	8°13	19°34	14°10	3°24	14°57	13° 4	19°30	21°21	12°29	11°26	T 29
W30	12 29 1	9°10'56	19°39	26°57	19° 9	8°55	19°42	14°11	3°24	14°56	13° 5	19°D29	21°18	12°35	11°30	W30
T 31	12 32 57	10♈ 9'58	4♐ 6	28♈24	19♉39	9♉38	19♊51	14♋13	3♌23	14♎54	13♉ 6	19♏30	21♏14	12♈42	11♓33	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	7s41	12s 9	2s10	12s41	2s 6	12n45	2n37	6n59	0s 6	22n37	0s13	22n41	0s 3	19n55	0n39	4s36	1n42	1n17	15s 3	18s12	18s31	6n58	3s30	4n49
W 2	7 18	15 58	0 57	12 0	2 5	13 11	2 43	7 17	0 5	22 37	0 12	22 41	0 3	19 56	0 39	4 35	1 42	1 18	15 3	18 11	18 30	7 0	3 28	4 49
T 3	6 55	18 44	0n18	11 18	2 2	13 37	2 49	7 34	0 4	22 38	0 12	22 42	0 2	19 56	0 39	4 35	1 42	1 18	15 3	18 11	18 29	7 3	3 27	4 49
F 4	6 32	20 19	1 30	10 34	2 0	14 3	2 55	7 51	0 4	22 39	0 12	22 42	0 2	19 56	0 39	4 34	1 43	1 19	15 2	18 11	18 29	7 5	3 26	4 49
S 5	6 9	20 40	2 35	9 50	1 57	14 29	3 1	8 8	0 3	22 39	0 12	22 42	0 2	19 57	0 39	4 34	1 43	1 19	15 2	18 11	18 28	7 7	3 24	4 49
S 6	5 46	19 53	3 30	9 3	1 53	14 54	3 8	8 25	0 2	22 40	0 12	22 42	0 2	19 57	0 39	4 33	1 43	1 20	15 2	18 11	18 27	7 9	3 23	4 49
M 7	5 23	18 4	4 14	8 16	1 49	15 19	3 14	8 42	0 1	22 40	0 12	22 43	0 2	19 58	0 39	4 33	1 43	1 20	15 1	18 10	18 26	7 11	3 21	4 49
T 8	5 0	15 25	4 44	7 27	1 44	15 43	3 20	8 59	0 1	22 41	0 12	22 43	0 2	19 58	0 39	4 32	1 43	1 21	15 1	18 8	18 25	7 13	3 20	4 48
W 9	4 36	12 7	5 0	6 37	1 39	16 8	3 26	9 16	0n 0	22 42	0 11	22 43	0 2	19 58	0 39	4 31	1 43	1 21	15 1	18 5	18 25	7 15	3 18	4 48
T 10	4 13	8 21	5 2	5 46	1 33	16 31	3 33	9 33	0 1	22 42	0 11	22 43	0 2	19 59	0 39	4 31	1 43	1 22	15 1	18 2	18 24	7 17	3 17	4 48
F 11	3 49	4 17	4 51	4 54	1 26	16 55	3 39	9 50	0 2	22 43	0 11	22 43	0 2	19 59	0 39	4 30	1 43	1 22	15 0	17 59	18 23	7 19	3 16	4 48
S 12	3 26	0 6	4 26	4 0	1 19	17 17	3 45	10 6	0 2	22 44	0 11	22 43	0 1	19 59	0 39	4 30	1 43	1 23	15 0	17 56	18 22	7 21	3 14	4 48
S 13	3 2	4n 4	3 50	3 6	1 12	17 40	3 51	10 22	0 3	22 44	0 11	22 44	0 1	20 0	0 39	4 29	1 43	1 23	15 0	17 53	18 21	7 23	3 13	4 48
M14	2 38	8 3	3 4	2 11	1 4	18 2	3 57	10 39	0 4	22 45	0 11	22 44	0 1	20 0	0 39	4 29	1 43	1 24	15 0	17 51	18 20	7 25	3 11	4 48
T 15	2 15	11 44	2 11	1 15	0 55	18 24	4 3	10 55	0 4	22 46	0 10	22 44	0 1	20 0	0 39	4 28	1 43	1 24	14 59	17 50	18 20	7 27	3 10	4 48
W16	1 51	14 56	1 11	0 19	0 46	18 45	4 9	11 11	0 5	22 46	0 10	22 44	0 1	20 1	0 39	4 27	1 43	1 25	14 59	17 49	18 19	7 29	3 8	4 48
T 17	1 27	17 32	0 8	0n38	0 36	19 5	4 15	11 27	0 6	22 47	0 10	22 44	0 1	20 1	0 39	4 27	1 43	1 25	14 59	17 48	18 18	7 31	3 7	4 48
F 18	1 4	19 25	0s57	1 36	0 26	19 26	4 21	11 43	0 7	22 48	0 10	22 44	0 1	20 1	0 39	4 26	1 43	1 26	14 59	17 49	18 17	7 33	3 6	4 48
S 19	0 40	20 25	1 59	2 33	0 16	19 45	4 27	11 59	0 7	22 49	0 10	22 44	0 1	20 1	0 39	4 25	1 43	1 26	14 58	17 49	18 16	7 35	3 4	4 48
S 20	0 16	20 26	2 58	3 30	0 5	20 5	4 33	12 14	0 8	22 49	0 10	22 44	0 1	20 2	0 39	4 25	1 43	1 27	14 58	17 49	18 15	7 37	3 3	4 49
M21	0n 7	19 25	3 50	4 27	0n 7	20 23	4 39	12 30	0 9	22 50	0 10	22 44	0 1	20 2	0 39	4 24	1 43	1 27	14 58	17 49	18 15	7 39	3 1	4 49
T 22	0 31	17 19	4 31	5 24	0 18	20 41	4 45	12 45	0 9	22 51	0 9	22 44	0 0	20 2	0 39	4 24	1 43	1 28	14 58	17 49	18 14	7 41	3 0	4 49
W23	0 54	14 11	4 58	6 20	0 30	20 59	4 50	13 1	0 10	22 51	0 9	22 44	0 0	20 2	0 39	4 23	1 43	1 28	14 57	17 47	18 13	7 43	2 58	4 49
T 24	1 18	10 8	5 8	7 14	0 42	21 16	4 56	13 16	0 11	22 52	0 9	22 44	0 0	20 3	0 39	4 22	1 43	1 29	14 57	17 46	18 12	7 45	2 57	4 49
F 25	1 42	5 22	4 59	8 8	0 54	21 33	5 1	13 31	0 11	22 53	0 9	22 44	0 0	20 3	0 39	4 22	1 43	1 29	14 57	17 44	18 11	7 47	2 56	4 49
S 26	2 5	0 10	4 29	9 0	1 6	21 49	5 6	13 46	0 12	22 54	0 9	22 44	0 0	20 3	0 39	4 21	1 43	1 30	14 57	17 42	18 11	7 49	2 54	4 49
S 27	2 29	5s 7	3 40	9 50	1 17	22 4	5 12	14 0	0 13	22 55	0 9	22 44	0n 0	20 3	0 39	4 20	1 43	1 30	14 57	17 41	18 10	7 51	2 53	4 49
M28	2 52	10 6	2 35	10 38	1 29	22 19	5 17	14 15	0 13	22 55	0 9	22 44	0 0	20 3	0 38	4 20	1 43	1 31	14 56	17 39	18 9	7 53	2 51	4 49
T 29	3 15	14 24	1 19	11 24	1 40	22 33	5 22	14 29	0 14	22 56	0 9	22 44	0 0	20 3	0 38	4 19	1 43	1 31	14 56	17 39	18 8	7 55	2 50	4 49
W30	3 39	17 40	0n 1	12 8	1 51	22 46	5 27	14 44	0 15	22 57	0 8	22 44	0 0	20 4	0 38	4 18	1 43	1 32	14 56	17 38	18 7	7 57	2 49	4 49
T 31	4n 2	19s43	1n19	12n50	2n 2	22n59	5n31	14n58	0n15	22n58	0s 8	22n44	0n 0	20n 4	0n38	4s18	1n43	1n32	14s56	17s38	18s 6	7n59	2s47	4n49

Julian Day Number = 2313542.5, Delta T = 64.58 sec
Ecliptic obliquity = 23°29'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°28'01, Lahiri = 18°35'01Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1622
geocentric

APRIL 1622 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 36 54	11♈ 8'58	18♐ 7	29♈47	20♉ 7	10♉21	19♊59	14♋14	3°R22	14°R53	13♉ 7	19♏31	21♏11	12♈49	11♓37	F 1
S 2	12 40 50	12° 7'57	1♑41	1♉ 4	20°34	11° 3	20° 8	14°16	3♌22	14♎51	13° 8	19°33	21° 8	12°55	11°40	S 2
S 3	12 44 47	13° 6'53	14°51	2°15	20°59	11°46	20°16	14°18	3°21	14°49	13° 9	19°R33	21° 5	13° 2	11°44	S 3
M 4	12 48 44	14° 5'48	27°40	3°21	21°22	12°28	20°25	14°20	3°21	14°48	13°11	19°32	21° 2	13° 9	11°47	M 4
T 5	12 52 40	15° 4'41	10♒10	4°20	21°44	13°10	20°34	14°22	3°21	14°46	13°12	19°30	20°59	13°15	11°50	T 5
W 6	12 56 37	16° 3'33	22°27	5°14	22° 4	13°53	20°43	14°25	3°20	14°44	13°13	19°26	20°55	13°22	11°54	W 6
T 7	13 0 33	17° 2'22	4♓33	6° 2	22°22	14°35	20°52	14°27	3°20	14°43	13°14	19°21	20°52	13°29	11°57	T 7
F 8	13 4 30	18° 1'10	16°31	6°43	22°37	15°17	21° 2	14°29	3°20	14°41	13°15	19°15	20°49	13°35	12° 0	F 8
S 9	13 8 26	18°59'55	28°24	7°19	22°51	15°59	21°11	14°32	3°20	14°39	13°17	19° 9	20°46	13°42	12° 4	S 9
S 10	13 12 23	19°58'39	10♈14	7°48	23° 3	16°42	21°21	14°35	3°20	14°38	13°18	19° 4	20°43	13°49	12° 7	S 10
M11	13 16 19	20°57'21	22° 2	8°10	23°12	17°24	21°30	14°37	3°D20	14°36	13°19	19° 1	20°40	13°55	12°10	M11
T 12	13 20 16	21°56'01	3♉52	8°26	23°20	18° 6	21°40	14°40	3°20	14°34	13°20	18°58	20°36	14° 2	12°13	T 12
W13	13 24 12	22°54'39	15°44	8°36	23°25	18°48	21°50	14°43	3°20	14°33	13°22	18°D57	20°33	14° 9	12°16	W13
T 14	13 28 9	23°53'15	27°42	8°R40	23°27	19°30	22° 0	14°46	3°20	14°31	13°23	18°57	20°30	14°15	12°20	T 14
F 15	13 32 6	24°51'49	9♊48	8°38	23°R28	20°12	22°10	14°49	3°20	14°30	13°24	18°59	20°27	14°22	12°23	F 15
S 16	13 36 2	25°50'21	22° 5	8°31	23°26	20°54	22°20	14°53	3°21	14°28	13°26	19° 0	20°24	14°29	12°26	S 16
S 17	13 39 59	26°48'50	4♋37	8°18	23°21	21°36	22°30	14°56	3°21	14°26	13°27	19° 2	20°20	14°36	12°29	S 17
M18	13 43 55	27°47'18	17°28	8° 0	23°14	22°17	22°41	15° 0	3°21	14°25	13°28	19° 3	20°17	14°42	12°32	M18
T 19	13 47 52	28°45'43	0♌41	7°37	23° 5	22°59	22°51	15° 3	3°22	14°23	13°30	19°R 3	20°14	14°49	12°35	T 19
W20	13 51 48	29°44'06	14°18	7°10	22°53	23°41	23° 2	15° 7	3°22	14°22	13°31	19° 3	20°11	14°56	12°37	W20
T 21	13 55 45	0♉42'27	28°21	6°39	22°38	24°23	23°12	15°10	3°23	14°20	13°32	19° 1	20° 8	15° 2	12°40	T 21
F 22	13 59 41	1°40'46	12♍48	6° 5	22°22	25° 4	23°23	15°14	3°23	14°18	13°34	18°59	20° 5	15° 9	12°43	F 22
S 23	14 3 38	2°39'03	27°37	5°29	22° 2	25°46	23°34	15°18	3°24	14°17	13°35	18°57	20° 1	15°16	12°46	S 23
S 24	14 7 35	3°37'18	12♎41	4°52	21°41	26°27	23°45	15°22	3°25	14°15	13°36	18°55	19°58	15°22	12°49	S 24
M25	14 11 31	4°35'30	27°51	4°13	21°17	27° 9	23°56	15°26	3°25	14°14	13°38	18°54	19°55	15°29	12°51	M25
T 26	14 15 28	5°33'42	12♏58	3°34	20°51	27°50	24° 7	15°30	3°26	14°12	13°39	18°D53	19°52	15°36	12°54	T 26
W27	14 19 24	6°31'51	27°53	2°55	20°23	28°32	24°18	15°35	3°27	14°11	13°40	18°53	19°49	15°42	12°57	W27
T 28	14 23 21	7°29'59	12♐29	2°17	19°54	29°13	24°29	15°39	3°28	14° 9	13°42	18°54	19°45	15°49	12°59	T 28
F 29	14 27 17	8°28'05	26°40	1°42	19°22	29°55	24°40	15°43	3°29	14° 8	13°43	18°55	19°42	15°56	13° 2	F 29
S 30	14 31 14	9♉26'10	10♑24	1♉ 8	18♉49	0♊36	24♊52	15♋48	3♌30	14♎ 6	13♉44	18♏56	19♏39	16♈ 2	13♓ 4	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	4n25	20s28	2n29	13n28	2n12	23n11	5n36	15n12	0n16	22n58	0s 8	22n44	0n 1	20n 4	0n38	4s17	1n43	1n33	14s56	17s39	18s 6	8n 1	2s46	4n49
S 2	4 48	19 59	3 30	14 4	2 21	23 23	5 40	15 26	0 16	22 59	0 8	22 44	0 1	20 4	0 38	4 17	1 43	1 33	14 55	17 39	18 5	8 3	2 44	4 49
S 3	5 11	18 24	4 17	14 37	2 30	23 34	5 44	15 40	0 17	23 0	0 8	22 44	0 1	20 4	0 38	4 16	1 43	1 34	14 55	17 39	18 4	8 5	2 43	4 49
M 4	5 34	15 56	4 50	15 7	2 37	23 44	5 48	15 53	0 18	23 1	0 8	22 44	0 1	20 4	0 38	4 15	1 43	1 34	14 55	17 39	18 3	8 7	2 42	4 49
T 5	5 57	12 47	5 8	15 34	2 44	23 53	5 52	16 7	0 18	23 1	0 8	22 44	0 1	20 4	0 38	4 15	1 43	1 35	14 55	17 38	18 2	8 9	2 40	4 49
W 6	6 20	9 9	5 11	15 58	2 50	24 2	5 55	16 20	0 19	23 2	0 7	22 43	0 1	20 4	0 38	4 14	1 43	1 35	14 55	17 37	18 1	8 11	2 39	4 50
T 7	6 42	5 11	5 1	16 18	2 55	24 10	5 58	16 33	0 20	23 3	0 7	22 43	0 1	20 4	0 38	4 13	1 43	1 36	14 54	17 36	18 1	8 13	2 38	4 50
F 8	7 5	1 4	4 38	16 36	2 59	24 16	6 1	16 46	0 20	23 4	0 7	22 43	0 1	20 4	0 38	4 13	1 43	1 36	14 54	17 34	18 0	8 15	2 36	4 50
S 9	7 27	3n 4	4 2	16 50	3 1	24 23	6 4	16 59	0 21	23 5	0 7	22 43	0 1	20 4	0 38	4 12	1 43	1 37	14 54	17 33	17 59	8 17	2 35	4 50
S 10	7 50	7 4	3 17	17 1	3 3	24 28	6 6	17 12	0 21	23 5	0 7	22 43	0 1	20 4	0 38	4 11	1 43	1 37	14 54	17 31	17 58	8 19	2 34	4 50
M11	8 12	10 48	2 22	17 9	3 3	24 32	6 8	17 25	0 22	23 6	0 7	22 42	0 2	20 4	0 38	4 11	1 43	1 38	14 54	17 30	17 57	8 21	2 32	4 50
T 12	8 34	14 7	1 22	17 13	3 2	24 35	6 9	17 37	0 23	23 7	0 7	22 42	0 2	20 4	0 38	4 10	1 43	1 38	14 54	17 30	17 56	8 23	2 31	4 50
W13	8 56	16 52	0 18	17 14	3 0	24 38	6 10	17 49	0 23	23 8	0 7	22 42	0 2	20 4	0 38	4 10	1 43	1 39	14 54	17 30	17 55	8 24	2 30	4 50
T 14	9 17	18 54	0s48	17 12	2 56	24 39	6 11	18 1	0 24	23 8	0 6	22 42	0 2	20 4	0 38	4 9	1 43	1 39	14 53	17 30	17 55	8 26	2 28	4 50
F 15	9 39	20 7	1 52	17 6	2 51	24 40	6 11	18 13	0 24	23 9	0 6	22 42	0 2	20 4	0 38	4 8	1 43	1 40	14 53	17 30	17 54	8 28	2 27	4 51
S 16	10 0	20 23	2 53	16 58	2 44	24 39	6 11	18 25	0 25	23 10	0 6	22 41	0 2	20 4	0 38	4 8	1 43	1 40	14 53	17 30	17 53	8 30	2 26	4 51
S 17	10 21	19 39	3 46	16 46	2 36	24 37	6 11	18 36	0 25	23 10	0 6	22 41	0 2	20 4	0 38	4 7	1 43	1 41	14 53	17 31	17 52	8 32	2 25	4 51
M18	10 42	17 53	4 29	16 31	2 27	24 34	6 9	18 48	0 26	23 11	0 6	22 41	0 2	20 4	0 38	4 6	1 43	1 41	14 53	17 31	17 51	8 34	2 23	4 51
T 19	11 3	15 10	5 0	16 14	2 17	24 30	6 8	18 59	0 27	23 12	0 6	22 40	0 2	20 3	0 38	4 6	1 43	1 42	14 53	17 31	17 50	8 36	2 22	4 51
W20	11 24	11 33	5 15	15 54	2 5	24 25	6 5	19 10	0 27	23 12	0 6	22 40	0 2	20 3	0 38	4 5	1 43	1 42	14 53	17 31	17 49	8 38	2 21	4 51
T 21	11 45	7 12	5 12	15 31	1 52	24 18	6 3	19 21	0 28	23 13	0 6	22 40	0 2	20 3	0 38	4 5	1 43	1 43	14 53	17 31	17 49	8 40	2 20	4 51
F 22	12 5	2 19	4 49	15 7	1 38	24 10	5 59	19 32	0 28	23 14	0 5	22 39	0 3	20 3	0 38	4 4	1 43	1 43	14 53	17 30	17 48	8 42	2 18	4 52
S 23	12 25	2s50	4 7	14 41	1 23	24 1	5 55	19 42	0 29	23 14	0 5	22 39	0 3	20 3	0 38	4 3	1 43	1 43	14 53	17 29	17 47	8 44	2 17	4 52
S 24	12 45	7 54	3 7	14 13	1 7	23 51	5 50	19 53	0 29	23 15	0 5	22 39	0 3	20 3	0 38	4 3	1 43	1 44	14 52	17 29	17 46	8 46	2 16	4 52
M25	13 5	12 30	1 54	13 45	0 51	23 39	5 45	20 3	0 30	23 16	0 5	22 38	0 3	20 2	0 38	4 2	1 43	1 44	14 52	17 29	17 45	8 48	2 15	4 52
T 26	13 24	16 17	0 33	13 16	0 34	23 26	5 39	20 13	0 30	23 16	0 5	22 38	0 3	20 2	0 38	4 2	1 43	1 45	14 52	17 28	17 44	8 50	2 14	4 52
W27	13 43	18 55	0n50	12 46	0 17	23 12	5 32	20 23	0 31	23 17	0 5	22 37	0 3	20 2	0 38	4 1	1 43	1 45	14 52	17 28	17 44	8 51	2 13	4 52
T 28	14 2	20 14	2 7	12 17	0s 1	22 57	5 24	20 32	0 32	23 17	0 5	22 37	0 3	20 2	0 38	4 1	1 43	1 46	14 52	17 29	17 43	8 53	2 11	4 52
F 29	14 21	20 12	3 15	11 48	0 18	22 40	5 16	20 42	0 32	23 18	0 5	22 37	0 3	20 1	0 38	4 0	1 43	1 46	14 52	17 29	17 42	8 55	2 10	4 53
S 30	14n40	18s57	4n 9	11n21	0s35	22n22	5n 7	20n51	0n33	23n19	0s 5	22n36	0n 3	20n 1	0n38	4s 0	1n43	1n47	14s52	17s29	17s41	8n57	2s 9	4n53

Julian Day Number = 2313573.5, Delta T = 64.51 sec
Ecliptic obliquity = 23°29'13, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°28'05, Lahiri = 18°35'05Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1622
geocentric

MAY 1622 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 10	10♉24'13	23♉42	0°R37	18°R15	1♊17	25♊ 3	15♋53	3♌31	14°R 5	13♉46	18♏56	19♏36	16♈ 9	13♓ 7	S 1
M 2	14 39 7	11°22'15	6♒36	0♉10	17♉39	1°58	25°15	15°57	3°32	14♎ 4	13°47	18°R57	19°33	16°16	13° 9	M 2
T 3	14 43 4	12°20'16	19° 9	29♈46	17° 3	2°40	25°26	16° 2	3°33	14° 2	13°48	18°57	19°30	16°22	13°12	T 3
W 4	14 47 0	13°18'15	1♓24	29°26	16°26	3°21	25°38	16° 7	3°35	14° 1	13°50	18°56	19°26	16°29	13°14	W 4
T 5	14 50 57	14°16'13	13°27	29°10	15°48	4° 2	25°50	16°12	3°36	13°59	13°51	18°56	19°23	16°36	13°16	T 5
F 6	14 54 53	15°14'10	25°21	28°59	15°10	4°43	26° 1	16°17	3°37	13°58	13°52	18°55	19°20	16°42	13°19	F 6
S 7	14 58 50	16°12'05	7♈10	28°53	14°33	5°24	26°13	16°22	3°38	13°57	13°54	18°55	19°17	16°49	13°21	S 7
S 8	15 2 46	17° 9'59	18°59	28°D50	13°55	6° 5	26°25	16°27	3°40	13°55	13°55	18°55	19°14	16°56	13°23	S 8
M 9	15 6 43	18° 7'51	0♉48	28°53	13°18	6°46	26°37	16°32	3°41	13°54	13°56	18°55	19°11	17° 2	13°25	M 9
T 10	15 10 39	19° 5'42	12°42	29° 0	12°42	7°27	26°49	16°37	3°43	13°53	13°58	18°55	19° 7	17° 9	13°27	T 10
W11	15 14 36	20° 3'32	24°43	29°12	12° 7	8° 8	27° 1	16°43	3°44	13°52	13°59	18°55	19° 4	17°16	13°29	W11
T 12	15 18 33	21° 1'20	6♊51	29°28	11°33	8°48	27°14	16°48	3°46	13°50	14° 1	18°55	19° 1	17°22	13°31	T 12
F 13	15 22 29	21°59'07	19°10	29°49	11° 0	9°29	27°26	16°54	3°48	13°49	14° 2	18°54	18°58	17°29	13°33	F 13
S 14	15 26 26	22°56'52	1♋41	0♉14	10°29	10°10	27°38	16°59	3°49	13°48	14° 3	18°54	18°55	17°36	13°35	S 14
S 15	15 30 22	23°54'36	14°26	0°43	10° 0	10°51	27°51	17° 5	3°51	13°47	14° 5	18°53	18°51	17°42	13°37	S 15
M16	15 34 19	24°52'18	27°26	1°16	9°32	11°31	28° 3	17°11	3°53	13°46	14° 6	18°53	18°48	17°49	13°38	M16
T 17	15 38 15	25°49'59	10♌43	1°53	9° 7	12°12	28°15	17°17	3°55	13°44	14° 7	18°52	18°45	17°56	13°40	T 17
W18	15 42 12	26°47'38	24°19	2°34	8°44	12°53	28°28	17°22	3°57	13°43	14° 9	18°D52	18°42	18° 2	13°42	W18
T 19	15 46 8	27°45'15	8♍13	3°19	8°22	13°33	28°41	17°28	3°59	13°42	14°10	18°52	18°39	18° 9	13°43	T 19
F 20	15 50 5	28°42'51	22°26	4° 8	8° 3	14°14	28°53	17°34	4° 1	13°41	14°11	18°53	18°36	18°16	13°45	F 20
S 21	15 54 2	29°40'25	6♎56	5° 0	7°47	14°54	29° 6	17°40	4° 3	13°40	14°13	18°53	18°32	18°22	13°46	S 21
S 22	15 57 58	0♊37'58	21°39	5°55	7°33	15°35	29°19	17°46	4° 5	13°39	14°14	18°54	18°29	18°29	13°48	S 22
M23	16 1 55	1°35'30	6♏29	6°54	7°21	16°15	29°31	17°53	4° 7	13°38	14°15	18°55	18°26	18°36	13°49	M23
T 24	16 5 51	2°33'00	21°20	7°56	7°12	16°55	29°44	17°59	4° 9	13°37	14°16	18°R55	18°23	18°42	13°51	T 24
W25	16 9 48	3°30'29	6♐ 5	9° 1	7° 5	17°36	29°57	18° 5	4°11	13°36	14°18	18°55	18°20	18°49	13°52	W25
T 26	16 13 44	4°27'57	20°35	10° 9	7° 0	18°16	0♋10	18°11	4°13	13°35	14°19	18°53	18°17	18°56	13°53	T 26
F 27	16 17 41	5°25'25	4♑47	11°20	6°D58	18°56	0°23	18°18	4°16	13°34	14°20	18°52	18°13	19° 2	13°54	F 27
S 28	16 21 37	6°22'51	18°34	12°35	6°58	19°37	0°36	18°24	4°18	13°34	14°22	18°49	18°10	19° 9	13°56	S 28
S 29	16 25 34	7°20'17	1♒57	13°52	7° 1	20°17	0°49	18°31	4°20	13°33	14°23	18°47	18° 7	19°16	13°57	S 29
M30	16 29 31	8°17'41	14°56	15°12	7° 6	20°57	1° 2	18°37	4°23	13°32	14°24	18°45	18° 4	19°22	13°58	M30
T 31	16 33 27	9♊15'06	27♒32	16♉35	7♉13	21♊37	1♋15	18♋44	4♌25	13♎31	14♉25	18♏44	18♏ 1	19♈29	13♓59	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	14n58	16s41	4n47	10n55	0s51	22n 3	4n58	21n 0	0n33	23n19	0s 4	22n36	0n 3	20n 1	0n38	3s59	1n43	1n47	14s52	17s29	17s40	8n59	2s 8	4n53
M 2	15 16	13 39	5 10	10 30	1 8	21 44	4 48	21 9	0 34	23 20	0 4	22 35	0 3	20 1	0 38	3 58	1 43	1 47	14 52	17 29	17 39	9 1	2 7	4 53
T 3	15 34	10 5	5 17	10 7	1 23	21 23	4 37	21 17	0 34	23 20	0 4	22 35	0 4	20 0	0 37	3 58	1 43	1 48	14 52	17 29	17 38	9 3	2 6	4 53
W 4	15 52	6 10	5 10	9 46	1 38	21 1	4 26	21 26	0 35	23 21	0 4	22 34	0 4	20 0	0 37	3 57	1 43	1 48	14 52	17 29	17 37	9 5	2 5	4 54
T 5	16 9	2 4	4 49	9 27	1 52	20 39	4 14	21 34	0 35	23 21	0 4	22 34	0 4	20 0	0 37	3 57	1 43	1 49	14 52	17 29	17 37	9 7	2 4	4 54
F 6	16 26	2n 4	4 16	9 11	2 5	20 16	4 1	21 42	0 36	23 22	0 4	22 33	0 4	19 59	0 37	3 56	1 43	1 49	14 52	17 29	17 36	9 9	2 3	4 54
S 7	16 43	6 6	3 32	8 57	2 18	19 52	3 48	21 50	0 36	23 22	0 4	22 33	0 4	19 59	0 37	3 56	1 43	1 49	14 52	17 29	17 35	9 10	2 2	4 54
S 8	17 0	9 54	2 39	8 46	2 29	19 28	3 35	21 58	0 37	23 23	0 4	22 32	0 4	19 59	0 37	3 55	1 43	1 50	14 52	17 29	17 34	9 12	2 1	4 54
M 9	17 16	13 19	1 39	8 37	2 39	19 4	3 22	22 5	0 37	23 23	0 4	22 32	0 4	19 58	0 37	3 55	1 43	1 50	14 52	17 29	17 33	9 14	2 0	4 54
T 10	17 32	16 14	0 34	8 31	2 49	18 40	3 8	22 13	0 38	23 23	0 3	22 31	0 4	19 58	0 37	3 54	1 43	1 51	14 52	17 29	17 32	9 16	1 59	4 55
W11	17 48	18 28	0s32	8 27	2 57	18 15	2 54	22 20	0 38	23 24	0 3	22 31	0 4	19 57	0 37	3 54	1 43	1 51	14 52	17 29	17 31	9 18	1 58	4 55
T 12	18 3	19 53	1 38	8 25	3 5	17 51	2 40	22 27	0 38	23 24	0 3	22 30	0 4	19 57	0 37	3 54	1 43	1 51	14 52	17 29	17 31	9 20	1 57	4 55
F 13	18 18	20 23	2 40	8 27	3 11	17 27	2 25	22 34	0 39	23 25	0 3	22 29	0 4	19 57	0 37	3 53	1 43	1 52	14 52	17 29	17 30	9 22	1 56	4 55
S 14	18 33	19 53	3 36	8 30	3 17	17 4	2 11	22 40	0 39	23 25	0 3	22 29	0 4	19 56	0 37	3 53	1 43	1 52	14 52	17 29	17 29	9 24	1 55	4 55
S 15	18 47	18 22	4 22	8 36	3 21	16 41	1 57	22 46	0 40	23 25	0 3	22 28	0 5	19 56	0 37	3 52	1 43	1 52	14 52	17 28	17 28	9 25	1 54	4 56
M16	19 1	15 53	4 56	8 44	3 25	16 19	1 42	22 53	0 40	23 25	0 3	22 27	0 5	19 55	0 37	3 52	1 43	1 53	14 52	17 28	17 27	9 27	1 53	4 56
T 17	19 15	12 32	5 14	8 54	3 28	15 57	1 28	22 58	0 41	23 26	0 3	22 27	0 5	19 55	0 37	3 51	1 43	1 53	14 52	17 28	17 26	9 29	1 53	4 56
W18	19 29	8 28	5 16	9 6	3 30	15 36	1 14	23 4	0 41	23 26	0 3	22 26	0 5	19 54	0 37	3 51	1 43	1 53	14 52	17 28	17 25	9 31	1 52	4 56
T 19	19 42	3 52	5 0	9 20	3 31	15 16	1 0	23 10	0 42	23 26	0 3	22 25	0 5	19 54	0 37	3 51	1 42	1 54	14 52	17 28	17 24	9 33	1 51	4 57
F 20	19 55	1s 3	4 25	9 36	3 31	14 57	0 47	23 15	0 42	23 26	0 2	22 25	0 5	19 53	0 37	3 50	1 42	1 54	14 52	17 28	17 24	9 35	1 50	4 57
S 21	20 7	6 0	3 32	9 54	3 31	14 39	0 33	23 20	0 43	23 27	0 2	22 24	0 5	19 53	0 37	3 50	1 42	1 54	14 52	17 28	17 23	9 37	1 49	4 57
S 22	20 19	10 42	2 26	10 14	3 29	14 22	0 20	23 25	0 43	23 27	0 2	22 23	0 5	19 52	0 37	3 50	1 42	1 55	14 52	17 29	17 22	9 38	1 49	4 57
M23	20 31	14 47	1 8	10 35	3 27	14 7	0 8	23 30	0 43	23 27	0 2	22 23	0 5	19 52	0 37	3 49	1 42	1 55	14 52	17 29	17 21	9 40	1 48	4 57
T 24	20 43	17 55	0n13	10 57	3 24	13 52	0s 5	23 34	0 44	23 27	0 2	22 22	0 5	19 51	0 37	3 49	1 42	1 55	14 52	17 29	17 20	9 42	1 47	4 58
W25	20 54	19 50	1 34	11 21	3 21	13 38	0 17	23 39	0 44	23 27	0 2	22 21	0 5	19 51	0 37	3 48	1 42	1 55	14 52	17 29	17 19	9 44	1 46	4 58
T 26	21 5	20 23	2 47	11 47	3 17	13 26	0 28	23 43	0 45	23 27	0 2	22 20	0 5	19 50	0 37	3 48	1 42	1 56	14 52	17 28	17 18	9 46	1 46	4 58
F 27	21 15	19 37	3 47	12 13	3 12	13 14	0 40	23 46	0 45	23 27	0 2	22 20	0 6	19 50	0 37	3 48	1 42	1 56	14 53	17 28	17 17	9 48	1 45	4 58
S 28	21 25	17 41	4 33	12 41	3 7	13 4	0 51	23 50	0 46	23 27	0 2	22 19	0 6	19 49	0 37	3 48	1 42	1 56	14 53	17 27	17 16	9 49	1 44	4 59
S 29	21 35	14 51	5 2	13 9	3 1	12 55	1 1	23 54	0 46	23 28	0 2	22 18	0 6	19 49	0 37	3 47	1 42	1 57	14 53	17 27	17 16	9 51	1 44	4 59
M30	21 44	11 22	5 15	13 39	2 54	12 47	1 11	23 57	0 46	23 28	0 1	22 17	0 6	19 48	0 37	3 47	1 42	1 57	14 53	17 26	17 15	9 53	1 43	4 59
T 31	21n53	7s28	5n12	14n 9	2s47	12n40	1s21	24n 0	0n47	23n28	0s 1	22n16	0n 6	19n47	0n37	3s47	1n42	1n57	14s53	17s26	17s14	9n55	1s43	4n59

Julian Day Number = 2313603.5, Delta T = 64.43 sec
Ecliptic obliquity = 23°29'12, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°28'09, Lahiri = 18°35'09Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1622
geocentric

JUNE 1622 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 37 24	10♊12'29	9♓50	18♉ 0	7♉22	22♊17	1♋28	18♋50	4♌28	13°R30	14♉27	18°D43	17♏57	19♈36	14♓ 0	W 1
T 2	16 41 20	11° 9'52	21°53	19°29	7°33	22°57	1°41	18°57	4°30	13♎30	14°28	18♏44	17°54	19°42	14° 0	T 2
F 3	16 45 17	12° 7'14	3♈47	21° 0	7°47	23°37	1°54	19° 4	4°33	13°29	14°29	18°45	17°51	19°49	14° 1	F 3
S 4	16 49 13	13° 4'36	15°36	22°34	8° 2	24°17	2° 7	19°10	4°35	13°28	14°30	18°46	17°48	19°56	14° 2	S 4
S 5	16 53 10	14° 1'57	27°24	24°11	8°19	24°57	2°21	19°17	4°38	13°28	14°32	18°48	17°45	20° 2	14° 3	S 5
M 6	16 57 6	14°59'18	9♉17	25°50	8°39	25°37	2°34	19°24	4°41	13°27	14°33	18°49	17°42	20° 9	14° 3	M 6
T 7	17 1 3	15°56'38	21°17	27°32	9° 0	26°17	2°47	19°31	4°43	13°27	14°34	18°R50	17°38	20°15	14° 4	T 7
W 8	17 5 0	16°53'57	3♊28	29°17	9°22	26°57	3° 0	19°38	4°46	13°26	14°35	18°49	17°35	20°22	14° 5	W 8
T 9	17 8 56	17°51'16	15°51	1♊ 5	9°47	27°37	3°14	19°45	4°49	13°25	14°36	18°46	17°32	20°29	14° 5	T 9
F 10	17 12 53	18°48'35	28°27	2°55	10°13	28°17	3°27	19°52	4°52	13°25	14°37	18°43	17°29	20°35	14° 5	F 10
S 11	17 16 49	19°45'53	11♋18	4°47	10°40	28°56	3°40	19°59	4°54	13°25	14°39	18°38	17°26	20°42	14° 6	S 11
S 12	17 20 46	20°43'10	24°23	6°42	11° 9	29°36	3°54	20° 6	4°57	13°24	14°40	18°33	17°23	20°49	14° 6	S 12
M13	17 24 42	21°40'26	7♌41	8°40	11°40	0♋16	4° 7	20°13	5° 0	13°24	14°41	18°28	17°19	20°55	14° 6	M13
T 14	17 28 39	22°37'42	21°13	10°39	12°12	0°55	4°21	20°21	5° 3	13°23	14°42	18°24	17°16	21° 2	14° 7	T 14
W15	17 32 35	23°34'57	4♍56	12°41	12°45	1°35	4°34	20°28	5° 6	13°23	14°43	18°21	17°13	21° 9	14° 7	W15
T 16	17 36 32	24°32'11	18°52	14°45	13°20	2°15	4°48	20°35	5° 9	13°23	14°44	18°D20	17°10	21°15	14° 7	T 16
F 17	17 40 29	25°29'24	2♎57	16°51	13°55	2°54	5° 1	20°42	5°12	13°23	14°45	18°20	17° 7	21°22	14°R 7	F 17
S 18	17 44 25	26°26'37	17°11	18°58	14°32	3°34	5°15	20°50	5°15	13°22	14°46	18°21	17° 3	21°29	14° 7	S 18
S 19	17 48 22	27°23'49	1♏33	21° 6	15°10	4°13	5°28	20°57	5°18	13°22	14°47	18°22	17° 0	21°35	14° 7	S 19
M20	17 52 18	28°21'01	15°59	23°16	15°50	4°53	5°42	21° 4	5°21	13°22	14°48	18°R23	16°57	21°42	14° 7	M20
T 21	17 56 15	29°18'12	0♐25	25°26	16°30	5°32	5°55	21°12	5°25	13°22	14°49	18°22	16°54	21°49	14° 6	T 21
W22	18 0 11	0♋15'23	14°48	27°37	17°11	6°12	6° 9	21°19	5°28	13°22	14°50	18°20	16°51	21°55	14° 6	W22
T 23	18 4 8	1°12'34	29° 1	29°48	17°54	6°51	6°22	21°27	5°31	13°22	14°51	18°16	16°48	22° 2	14° 6	T 23
F 24	18 8 4	2° 9'44	13♑ 0	1♋59	18°37	7°31	6°36	21°34	5°34	13°22	14°52	18°10	16°44	22° 9	14° 6	F 24
S 25	18 12 1	3° 6'54	26°40	4° 9	19°21	8°10	6°49	21°42	5°37	13°D22	14°53	18° 3	16°41	22°15	14° 5	S 25
S 26	18 15 58	4° 4'05	9♒59	6°20	20° 6	8°49	7° 3	21°49	5°41	13°22	14°54	17°55	16°38	22°22	14° 5	S 26
M27	18 19 54	5° 1'15	22°57	8°29	20°52	9°29	7°16	21°57	5°44	13°22	14°55	17°48	16°35	22°29	14° 4	M27
T 28	18 23 51	5°58'25	5♓34	10°37	21°39	10° 8	7°30	22° 4	5°47	13°22	14°56	17°43	16°32	22°35	14° 4	T 28
W29	18 27 47	6°55'36	17°52	12°44	22°26	10°47	7°43	22°12	5°51	13°22	14°57	17°39	16°29	22°42	14° 3	W29
T 30	18 31 44	7♋52'47	29♓56	14♋50	23♉15	11♋26	7♋57	22♋20	5♌54	13♎22	14♉58	17♏37	16♏25	22♈49	14♓ 2	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	22n 1	3s21	4n55	14n41	2s39	12n35	1s30	24n 3	0n47	23n27	0s 1	22n16	0n 6	19n47	0n37	3s47	1n42	1n57	14s53	17s26	17s13	9n57	1s42	4n59
T 2	22 10	0n49	4 25	15 13	2 31	12 30	1 39	24 5	0 48	23 27	0 1	22 15	0 6	19 46	0 37	3 46	1 42	1 58	14 53	17 26	17 12	9 59	1 42	5 0
F 3	22 17	4 55	3 43	15 45	2 23	12 26	1 48	24 8	0 48	23 27	0 1	22 14	0 6	19 45	0 37	3 46	1 42	1 58	14 53	17 26	17 11	10 0	1 41	5 0
S 4	22 25	8 49	2 53	16 18	2 14	12 23	1 56	24 10	0 48	23 27	0 1	22 13	0 6	19 45	0 37	3 46	1 42	1 58	14 53	17 26	17 10	10 2	1 41	5 0
S 5	22 32	12 22	1 55	16 51	2 4	12 22	2 3	24 12	0 49	23 27	0 1	22 12	0 6	19 44	0 37	3 46	1 42	1 58	14 53	17 27	17 9	10 4	1 40	5 0
M 6	22 38	15 27	0 52	17 24	1 54	12 21	2 11	24 14	0 49	23 27	0 1	22 11	0 6	19 44	0 37	3 45	1 42	1 58	14 54	17 27	17 8	10 6	1 40	5 1
T 7	22 45	17 54	0s14	17 58	1 44	12 21	2 18	24 16	0 50	23 27	0 1	22 10	0 6	19 43	0 37	3 45	1 42	1 59	14 54	17 27	17 8	10 8	1 39	5 1
W 8	22 50	19 35	1 20	18 31	1 34	12 22	2 24	24 17	0 50	23 27	0 1	22 9	0 7	19 42	0 37	3 45	1 42	1 59	14 54	17 27	17 7	10 9	1 39	5 1
T 9	22 56	20 22	2 23	19 4	1 23	12 23	2 31	24 18	0 50	23 26	0 0	22 8	0 7	19 41	0 37	3 45	1 42	1 59	14 54	17 27	17 6	10 11	1 38	5 1
F 10	23 1	20 8	3 20	19 36	1 12	12 26	2 37	24 19	0 51	23 26	0 0	22 7	0 7	19 41	0 37	3 45	1 42	1 59	14 54	17 26	17 5	10 13	1 38	5 2
S 11	23 5	18 53	4 9	20 8	1 1	12 29	2 42	24 20	0 51	23 26	0 0	22 6	0 7	19 40	0 37	3 45	1 41	1 59	14 54	17 24	17 4	10 15	1 38	5 2
S 12	23 10	16 37	4 45	20 39	0 50	12 33	2 48	24 20	0 51	23 26	0 0	22 6	0 7	19 39	0 37	3 45	1 41	2 0	14 54	17 23	17 3	10 17	1 37	5 2
M13	23 13	13 27	5 6	21 10	0 38	12 38	2 53	24 21	0 52	23 25	0 0	22 5	0 7	19 39	0 37	3 44	1 41	2 0	14 55	17 21	17 2	10 18	1 37	5 2
T 14	23 17	9 32	5 12	21 39	0 27	12 43	2 57	24 21	0 52	23 25	0n 0	22 4	0 7	19 38	0 37	3 44	1 41	2 0	14 55	17 20	17 1	10 20	1 37	5 2
W15	23 20	5 5	4 59	22 6	0 16	12 49	3 2	24 21	0 52	23 25	0 0	22 3	0 7	19 37	0 37	3 44	1 41	2 0	14 55	17 20	17 0	10 22	1 36	5 3
T 16	23 22	0 18	4 29	22 32	0 4	12 55	3 6	24 21	0 53	23 24	0 0	22 2	0 7	19 36	0 36	3 44	1 41	2 0	14 55	17 19	17 0	10 24	1 36	5 3
F 17	23 25	4s34	3 42	22 57	0n 7	13 2	3 10	24 20	0 53	23 24	0 0	22 1	0 7	19 36	0 36	3 44	1 41	2 0	14 55	17 19	16 59	10 25	1 36	5 3
S 18	23 26	9 15	2 42	23 19	0 17	13 9	3 13	24 20	0 53	23 23	0 0	21 59	0 7	19 35	0 36	3 44	1 41	2 0	14 55	17 19	16 58	10 27	1 36	5 3
S 19	23 28	13 27	1 30	23 39	0 28	13 17	3 16	24 19	0 54	23 23	0 1	21 58	0 7	19 34	0 36	3 44	1 41	2 1	14 56	17 20	16 57	10 29	1 35	5 4
M20	23 29	16 52	0 13	23 57	0 38	13 26	3 19	24 18	0 54	23 22	0 1	21 57	0 8	19 33	0 36	3 44	1 41	2 1	14 56	17 20	16 56	10 31	1 35	5 4
T 21	23 29	19 13	1n 5	24 12	0 47	13 34	3 22	24 17	0 54	23 22	0 1	21 56	0 8	19 33	0 36	3 44	1 41	2 1	14 56	17 20	16 55	10 33	1 35	5 4
W22	23 29	20 20	2 18	24 24	0 56	13 44	3 25	24 15	0 55	23 21	0 1	21 55	0 8	19 32	0 36	3 44	1 41	2 1	14 56	17 19	16 54	10 34	1 35	5 4
T 23	23 29	20 7	3 22	24 34	1 5	13 53	3 27	24 14	0 55	23 21	0 1	21 54	0 8	19 31	0 36	3 44	1 41	2 1	14 56	17 18	16 53	10 36	1 35	5 5
F 24	23 28	18 39	4 13	24 41	1 13	14 3	3 29	24 12	0 55	23 20	0 1	21 53	0 8	19 30	0 36	3 44	1 41	2 1	14 57	17 16	16 52	10 38	1 35	5 5
S 25	23 27	16 9	4 47	24 45	1 20	14 13	3 31	24 10	0 56	23 20	0 1	21 52	0 8	19 29	0 36	3 44	1 41	2 1	14 57	17 14	16 51	10 40	1 35	5 5
S 26	23 25	12 52	5 6	24 46	1 26	14 24	3 32	24 7	0 56	23 19	0 1	21 51	0 8	19 29	0 36	3 44	1 41	2 1	14 57	17 12	16 50	10 41	1 35	5 5
M27	23 23	9 3	5 7	24 45	1 32	14 34	3 34	24 5	0 56	23 18	0 1	21 50	0 8	19 28	0 36	3 44	1 41	2 1	14 57	17 10	16 50	10 43	1 35	5 5
T 28	23 21	4 56	4 54	24 40	1 37	14 45	3 35	24 2	0 57	23 18	0 1	21 49	0 8	19 27	0 36	3 44	1 41	2 1	14 57	17 9	16 49	10 45	1 35	5 6
W29	23 18	0 43	4 27	24 33	1 41	14 56	3 36	24 0	0 57	23 17	0 2	21 47	0 8	19 26	0 36	3 44	1 41	2 1	14 58	17 8	16 48	10 47	1 35	5 6
T 30	23n15	3n28	3n49	24n24	1n45	15n 8	3s36	23n57	0n57	23n16	0n 2	21n46	0n 8	19n25	0n36	3s45	1n41	2n 1	14s58	17s 7	16s47	10n48	1s35	5n 6

Julian Day Number = 2313634.5, Delta T = 64.36 sec
Ecliptic obliquity = 23°29'12, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°28'13, Lahiri = 18°35'14Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1622
geocentric

JULY 1622 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 35 40	8♋49'58	11♈50	16♋54	24♉ 4	12♋ 5	8♋11	22♋27	5♌57	13♎22	14♉59	17°D37	16♏22	22♈55	14°R 2	F 1
S 2	18 39 37	9°47'09	23°40	18°57	24°53	12°45	8°24	22°35	6° 1	13°22	15° 0	17♏37	16°19	23° 2	14♓ 1	S 2
S 3	18 43 33	10°44'21	5♉30	20°58	25°44	13°24	8°38	22°42	6° 4	13°23	15° 1	17°38	16°16	23° 9	14° 0	S 3
M 4	18 47 30	11°41'34	17°25	22°57	26°35	14° 3	8°51	22°50	6° 8	13°23	15° 1	17°R39	16°13	23°15	13°59	M 4
T 5	18 51 27	12°38'47	29°31	24°54	27°27	14°42	9° 5	22°58	6°11	13°23	15° 2	17°38	16° 9	23°22	13°58	T 5
W 6	18 55 23	13°36'00	11♊50	26°50	28°19	15°21	9°18	23° 6	6°15	13°24	15° 3	17°36	16° 6	23°29	13°57	W 6
T 7	18 59 20	14°33'13	24°26	28°44	29°12	16° 0	9°32	23°13	6°18	13°24	15° 4	17°31	16° 3	23°35	13°56	T 7
F 8	19 3 16	15°30'27	7♋21	0♌36	0♊ 5	16°39	9°45	23°21	6°22	13°24	15° 5	17°23	16° 0	23°42	13°55	F 8
S 9	19 7 13	16°27'42	20°33	2°26	0°59	17°18	9°59	23°29	6°25	13°25	15° 5	17°14	15°57	23°49	13°54	S 9
S 10	19 11 9	17°24'56	4♌ 2	4°14	1°54	17°57	10°12	23°36	6°29	13°25	15° 6	17° 4	15°54	23°55	13°52	S 10
M11	19 15 6	18°22'11	17°45	6° 0	2°49	18°36	10°26	23°44	6°32	13°26	15° 7	16°55	15°50	24° 2	13°51	M11
T 12	19 19 3	19°19'27	1♍40	7°45	3°44	19°15	10°39	23°52	6°36	13°26	15° 7	16°46	15°47	24° 9	13°50	T 12
W13	19 22 59	20°16'42	15°41	9°27	4°40	19°54	10°53	24° 0	6°39	13°27	15° 8	16°40	15°44	24°15	13°48	W13
T 14	19 26 56	21°13'57	29°47	11° 8	5°37	20°33	11° 6	24° 8	6°43	13°27	15° 9	16°36	15°41	24°22	13°47	T 14
F 15	19 30 52	22°11'13	13♎56	12°46	6°33	21°12	11°20	24°15	6°47	13°28	15° 9	16°34	15°38	24°29	13°46	F 15
S 16	19 34 49	23° 8'29	28° 4	14°23	7°31	21°51	11°33	24°23	6°50	13°29	15°10	16°D34	15°35	24°35	13°44	S 16
S 17	19 38 45	24° 5'45	12♏12	15°58	8°28	22°30	11°46	24°31	6°54	13°29	15°11	16°R34	15°31	24°42	13°43	S 17
M18	19 42 42	25° 3'02	26°18	17°31	9°27	23° 8	12° 0	24°39	6°58	13°30	15°11	16°34	15°28	24°48	13°41	M18
T 19	19 46 38	26° 0'19	10♐20	19° 2	10°25	23°47	12°13	24°46	7° 1	13°31	15°12	16°32	15°25	24°55	13°39	T 19
W20	19 50 35	26°57'37	24°17	20°32	11°24	24°26	12°26	24°54	7° 5	13°32	15°12	16°27	15°22	25° 2	13°38	W20
T 21	19 54 32	27°54'55	8♑ 6	21°59	12°23	25° 5	12°40	25° 2	7° 9	13°33	15°13	16°20	15°19	25° 8	13°36	T 21
F 22	19 58 28	28°52'13	21°43	23°25	13°23	25°43	12°53	25°10	7°12	13°33	15°13	16°11	15°15	25°15	13°34	F 22
S 23	20 2 25	29°49'32	5♒ 6	24°48	14°23	26°22	13° 6	25°18	7°16	13°34	15°14	15°59	15°12	25°22	13°32	S 23
S 24	20 6 21	0♌46'52	18°13	26° 9	15°23	27° 1	13°19	25°25	7°20	13°35	15°14	15°48	15° 9	25°28	13°30	S 24
M25	20 10 18	1°44'13	1♓ 2	27°29	16°24	27°39	13°33	25°33	7°23	13°36	15°15	15°36	15° 6	25°35	13°28	M25
T 26	20 14 14	2°41'35	13°34	28°46	17°25	28°18	13°46	25°41	7°27	13°37	15°15	15°26	15° 3	25°42	13°26	T 26
W27	20 18 11	3°38'58	25°49	0♍ 1	18°26	28°57	13°59	25°49	7°31	13°38	15°16	15°19	15° 0	25°48	13°24	W27
T 28	20 22 7	4°36'22	7♈51	1°14	19°28	29°35	14°12	25°56	7°34	13°39	15°16	15°14	14°56	25°55	13°22	T 28
F 29	20 26 4	5°33'47	19°45	2°25	20°30	0♌14	14°25	26° 4	7°38	13°40	15°16	15°11	14°53	26° 2	13°20	F 29
S 30	20 30 0	6°31'14	1♉33	3°34	21°32	0°52	14°38	26°12	7°42	13°41	15°17	15°10	14°50	26° 8	13°18	S 30
S 31	20 33 57	7♌28'41	13♉23	4♍40	22♊34	1♌31	14♋51	26♋19	7♌46	13♎42	15♉17	15♏10	14♏47	26♈15	13♓16	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	23n11	7n28	3n 1	24n12	1n48	15n19	3s37	23n53	0n58	23n16	0n 2	21n45	0n 8	19n24	0n36	3s45	1n40	2n 1	14s58	17s 7	16s46	10n50	1s35	5n 6
S 2	23 7	11 9	2 6	23 57	1 50	15 31	3 37	23 50	0 58	23 15	0 2	21 44	0 9	19 24	0 36	3 45	1 40	2 1	14 58	17 7	16 45	10 52	1 35	5 7
S 3	23 3	14 24	1 5	23 41	1 51	15 42	3 38	23 47	0 58	23 14	0 2	21 43	0 9	19 23	0 36	3 45	1 40	2 1	14 58	17 8	16 44	10 53	1 35	5 7
M 4	22 58	17 5	0 1	23 22	1 52	15 54	3 38	23 43	0 58	23 13	0 2	21 42	0 9	19 22	0 36	3 45	1 40	2 1	14 59	17 8	16 43	10 55	1 35	5 7
T 5	22 53	19 3	1s 3	23 1	1 52	16 6	3 37	23 39	0 59	23 13	0 2	21 40	0 9	19 21	0 36	3 45	1 40	2 1	14 59	17 8	16 42	10 57	1 36	5 7
W 6	22 47	20 10	2 6	22 39	1 51	16 18	3 37	23 35	0 59	23 12	0 2	21 39	0 9	19 20	0 36	3 45	1 40	2 1	14 59	17 7	16 41	10 59	1 36	5 7
T 7	22 41	20 18	3 4	22 15	1 50	16 29	3 37	23 30	0 59	23 11	0 2	21 38	0 9	19 19	0 36	3 46	1 40	2 1	14 59	17 5	16 40	11 0	1 36	5 8
F 8	22 35	19 23	3 54	21 49	1 48	16 41	3 36	23 26	1 0	23 10	0 2	21 37	0 9	19 18	0 36	3 46	1 40	2 1	15 0	17 3	16 40	11 2	1 36	5 8
S 9	22 28	17 25	4 32	21 22	1 45	16 53	3 35	23 21	1 0	23 9	0 2	21 35	0 9	19 17	0 36	3 46	1 40	2 1	15 0	17 1	16 39	11 4	1 36	5 8
S 10	22 21	14 29	4 56	20 53	1 42	17 5	3 34	23 16	1 0	23 8	0 3	21 34	0 9	19 17	0 36	3 46	1 40	2 1	15 0	16 58	16 38	11 6	1 37	5 8
M11	22 13	10 43	5 4	20 24	1 38	17 16	3 33	23 11	1 0	23 7	0 3	21 33	0 9	19 16	0 36	3 47	1 40	2 1	15 0	16 55	16 37	11 7	1 37	5 8
T 12	22 5	6 19	4 54	19 53	1 34	17 28	3 32	23 6	1 1	23 6	0 3	21 32	0 9	19 15	0 36	3 47	1 40	2 1	15 1	16 53	16 36	11 9	1 37	5 9
W13	21 57	1 34	4 26	19 21	1 29	17 39	3 31	23 1	1 1	23 5	0 3	21 30	0 10	19 14	0 36	3 47	1 40	2 1	15 1	16 51	16 35	11 11	1 38	5 9
T 14	21 48	3s19	3 42	18 49	1 24	17 51	3 29	22 55	1 1	23 4	0 3	21 29	0 10	19 13	0 36	3 47	1 40	2 1	15 1	16 50	16 34	11 12	1 38	5 9
F 15	21 39	8 2	2 45	18 16	1 18	18 2	3 28	22 49	1 1	23 3	0 3	21 28	0 10	19 12	0 36	3 48	1 40	2 1	15 1	16 49	16 33	11 14	1 38	5 9
S 16	21 30	12 19	1 37	17 42	1 12	18 13	3 26	22 44	1 2	23 2	0 3	21 27	0 10	19 11	0 36	3 48	1 40	2 1	15 2	16 49	16 32	11 16	1 39	5 9
S 17	21 20	15 54	0 23	17 7	1 5	18 24	3 24	22 37	1 2	23 1	0 3	21 25	0 10	19 10	0 36	3 48	1 40	2 1	15 2	16 49	16 31	11 17	1 39	5 9
M18	21 10	18 32	0n52	16 32	0 58	18 35	3 22	22 31	1 2	23 0	0 3	21 24	0 10	19 9	0 36	3 49	1 40	2 1	15 2	16 49	16 30	11 19	1 40	5 10
T 19	20 59	20 1	2 3	15 57	0 51	18 45	3 20	22 25	1 2	22 59	0 3	21 23	0 10	19 8	0 36	3 49	1 40	2 1	15 2	16 49	16 29	11 21	1 40	5 10
W20	20 48	20 16	3 6	15 21	0 43	18 55	3 18	22 18	1 3	22 58	0 4	21 21	0 10	19 7	0 36	3 49	1 40	2 0	15 3	16 47	16 28	11 22	1 41	5 10
T 21	20 37	19 17	3 58	14 46	0 35	19 5	3 16	22 12	1 3	22 57	0 4	21 20	0 10	19 6	0 36	3 50	1 39	2 0	15 3	16 45	16 28	11 24	1 41	5 10
F 22	20 26	17 12	4 35	14 10	0 27	19 15	3 14	22 5	1 3	22 55	0 4	21 19	0 10	19 5	0 36	3 50	1 39	2 0	15 3	16 43	16 27	11 26	1 42	5 10
S 23	20 14	14 14	4 56	13 34	0 18	19 24	3 11	21 58	1 3	22 54	0 4	21 17	0 10	19 5	0 36	3 50	1 39	2 0	15 4	16 39	16 26	11 27	1 42	5 10
S 24	20 1	10 37	5 1	12 58	0 9	19 34	3 9	21 50	1 4	22 53	0 4	21 16	0 10	19 4	0 36	3 51	1 39	2 0	15 4	16 36	16 25	11 29	1 43	5 11
M25	19 49	6 35	4 51	12 22	0s 1	19 42	3 6	21 43	1 4	22 52	0 4	21 15	0 11	19 3	0 36	3 51	1 39	2 0	15 4	16 33	16 24	11 31	1 44	5 11
T 26	19 36	2 22	4 27	11 46	0 10	19 51	3 3	21 35	1 4	22 51	0 4	21 13	0 11	19 2	0 36	3 52	1 39	2 0	15 4	16 30	16 23	11 32	1 44	5 11
W27	19 23	1n51	3 50	11 10	0 20	19 59	3 0	21 28	1 4	22 49	0 4	21 12	0 11	19 1	0 36	3 52	1 39	2 0	15 5	16 28	16 22	11 34	1 45	5 11
T 28	19 9	5 57	3 4	10 35	0 30	20 7	2 57	21 20	1 5	22 48	0 4	21 11	0 11	19 0	0 36	3 52	1 39	1 59	15 5	16 26	16 21	11 36	1 45	5 11
F 29	18 55	9 45	2 11	10 0	0 41	20 15	2 55	21 12	1 5	22 47	0 4	21 9	0 11	18 59	0 36	3 53	1 39	1 59	15 5	16 25	16 20	11 37	1 46	5 11
S 30	18 41	13 9	1 12	9 26	0 51	20 22	2 51	21 4	1 5	22 45	0 5	21 8	0 11	18 58	0 36	3 53	1 39	1 59	15 5	16 25	16 19	11 39	1 47	5 11
S 31	18n26	16n 2	0n 9	8n52	1s 2	20n29	2s48	20n55	1n 5	22n44	0n 5	21n 7	0n11	18n57	0n36	3s54	1n39	1n59	15s 6	16s25	16s18	11n41	1s47	5n12

Julian Day Number = 2313664.5, Delta T = 64.28 sec
Ecliptic obliquity = 23°29'11, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°28'17, Lahiri = 18°35'18Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1622
geocentric

AUGUST 1622 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 37 54	8♌26'10	25♉20	5♍43	23♊37	2♌ 9	15♋ 4	26♋27	7♌49	13♎44	15♉17	15°R10	14♏44	26♈22	13°R14	M 1
T 2	20 41 50	9°23'41	7♊28	6°44	24°40	2°48	15°17	26°35	7°53	13°45	15°18	15♏ 9	14°40	26°28	13♓12	T 2
W 3	20 45 47	10°21'12	19°52	7°42	25°44	3°26	15°30	26°42	7°57	13°46	15°18	15° 5	14°37	26°35	13° 9	W 3
T 4	20 49 43	11°18'45	2♋37	8°37	26°47	4° 5	15°42	26°50	8° 0	13°47	15°18	14°59	14°34	26°42	13° 7	T 4
F 5	20 53 40	12°16'20	15°44	9°30	27°51	4°43	15°55	26°58	8° 4	13°48	15°18	14°50	14°31	26°48	13° 5	F 5
S 6	20 57 36	13°13'55	29°15	10°19	28°55	5°22	16° 8	27° 5	8° 8	13°50	15°19	14°39	14°28	26°55	13° 2	S 6
S 7	21 1 33	14°11'32	13♌ 6	11° 5	29°59	6° 0	16°21	27°13	8°12	13°51	15°19	14°27	14°25	27° 2	13° 0	S 7
M 8	21 5 30	15° 9'10	27°14	11°47	1♋ 4	6°39	16°33	27°20	8°15	13°52	15°19	14°16	14°21	27° 8	12°57	M 8
T 9	21 9 26	16° 6'49	11♍35	12°25	2° 8	7°17	16°46	27°28	8°19	13°54	15°19	14° 5	14°18	27°15	12°55	T 9
W10	21 13 23	17° 4'29	26° 1	13° 0	3°13	7°56	16°59	27°35	8°23	13°55	15°19	13°57	14°15	27°21	12°53	W10
T 11	21 17 19	18° 2'10	10♎27	13°31	4°18	8°34	17°11	27°43	8°26	13°56	15°19	13°52	14°12	27°28	12°50	T 11
F 12	21 21 16	18°59'53	24°48	13°57	5°24	9°12	17°23	27°50	8°30	13°58	15°19	13°49	14° 9	27°35	12°47	F 12
S 13	21 25 12	19°57'36	9♏ 3	14°19	6°29	9°51	17°36	27°58	8°34	13°59	15°19	13°48	14° 6	27°41	12°45	S 13
S 14	21 29 9	20°55'21	23° 8	14°35	7°35	10°29	17°48	28° 5	8°37	14° 1	15°19	13°48	14° 2	27°48	12°42	S 14
M15	21 33 5	21°53'06	7♐ 3	14°47	8°41	11° 7	18° 0	28°12	8°41	14° 2	15°R19	13°48	13°59	27°55	12°40	M15
T 16	21 37 2	22°50'53	20°48	14°54	9°47	11°46	18°13	28°20	8°45	14° 4	15°19	13°45	13°56	28° 1	12°37	T 16
W17	21 40 58	23°48'41	4♑24	14°R55	10°53	12°24	18°25	28°27	8°48	14° 5	15°19	13°41	13°53	28° 8	12°34	W17
T 18	21 44 55	24°46'30	17°49	14°50	12° 0	13° 2	18°37	28°34	8°52	14° 7	15°19	13°33	13°50	28°15	12°32	T 18
F 19	21 48 52	25°44'21	1♒ 3	14°40	13° 7	13°40	18°49	28°42	8°55	14° 9	15°19	13°23	13°46	28°21	12°29	F 19
S 20	21 52 48	26°42'13	14° 5	14°23	14°13	14°19	19° 1	28°49	8°59	14°10	15°19	13°11	13°43	28°28	12°26	S 20
S 21	21 56 45	27°40'06	26°53	14° 1	15°21	14°57	19°13	28°56	9° 3	14°12	15°19	12°59	13°40	28°35	12°23	S 21
M22	22 0 41	28°38'01	9♓28	13°33	16°28	15°35	19°25	29° 3	9° 6	14°14	15°19	12°47	13°37	28°41	12°21	M22
T 23	22 4 38	29°35'57	21°49	12°59	17°35	16°13	19°37	29°10	9°10	14°15	15°19	12°36	13°34	28°48	12°18	T 23
W24	22 8 34	0♍33'55	3♈58	12°19	18°43	16°51	19°48	29°17	9°13	14°17	15°19	12°28	13°31	28°55	12°15	W24
T 25	22 12 31	1°31'55	15°56	11°35	19°50	17°30	20° 0	29°24	9°17	14°19	15°18	12°22	13°27	29° 1	12°12	T 25
F 26	22 16 27	2°29'57	27°46	10°46	20°58	18° 8	20°12	29°31	9°20	14°20	15°18	12°19	13°24	29° 8	12° 9	F 26
S 27	22 20 24	3°28'00	9♉34	9°53	22° 6	18°46	20°23	29°38	9°24	14°22	15°18	12°D18	13°21	29°15	12° 7	S 27
S 28	22 24 21	4°26'06	21°22	8°57	23°15	19°24	20°35	29°45	9°27	14°24	15°18	12°18	13°18	29°21	12° 4	S 28
M29	22 28 17	5°24'13	3♊18	8° 0	24°23	20° 2	20°46	29°52	9°31	14°26	15°17	12°R19	13°15	29°28	12° 1	M29
T 30	22 32 14	6°22'23	15°25	7° 2	25°31	20°40	20°57	29°59	9°34	14°28	15°17	12°18	13°12	29°34	11°58	T 30
W31	22 36 10	7♍20'34	27♊49	6♍ 4	26♋40	21♌18	21♋ 8	0♌ 6	9♌37	14♎30	15♉17	12♏16	13♏ 8	29♈41	11♓55	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	18n11	18n16	0s54	8n18	1s13	20n35	2s45	20n47	1n 5	22n43	0n 5	21n 5	0n11	18n56	0n36	3s54	1n39	1n59	15s 6	16s25	16s17	11n42	1s48	5n12
T 2	17 56	19 42	1 55	7 46	1 24	20 41	2 42	20 38	1 6	22 41	0 5	21 4	0 11	18 55	0 36	3 55	1 39	1 58	15 6	16 25	16 16	11 44	1 49	5 12
W 3	17 41	20 14	2 53	7 14	1 35	20 46	2 39	20 29	1 6	22 40	0 5	21 3	0 11	18 54	0 36	3 55	1 39	1 58	15 7	16 24	16 15	11 46	1 50	5 12
T 4	17 25	19 44	3 43	6 43	1 46	20 52	2 35	20 21	1 6	22 39	0 5	21 1	0 11	18 53	0 36	3 56	1 39	1 58	15 7	16 22	16 14	11 47	1 50	5 12
F 5	17 9	18 12	4 23	6 13	1 57	20 56	2 32	20 12	1 6	22 37	0 5	21 0	0 12	18 52	0 36	3 56	1 39	1 58	15 7	16 19	16 14	11 49	1 51	5 12
S 6	16 53	15 37	4 50	5 44	2 8	21 1	2 28	20 2	1 6	22 36	0 5	20 58	0 12	18 51	0 36	3 57	1 39	1 58	15 7	16 16	16 13	11 51	1 52	5 12
S 7	16 36	12 7	5 1	5 16	2 20	21 4	2 25	19 53	1 7	22 34	0 5	20 57	0 12	18 50	0 36	3 57	1 39	1 57	15 8	16 12	16 12	11 52	1 53	5 12
M 8	16 19	7 52	4 53	4 50	2 31	21 8	2 21	19 44	1 7	22 33	0 5	20 56	0 12	18 49	0 36	3 58	1 39	1 57	15 8	16 9	16 11	11 54	1 54	5 12
T 9	16 2	3 7	4 27	4 25	2 42	21 10	2 18	19 34	1 7	22 31	0 6	20 54	0 12	18 48	0 36	3 59	1 39	1 57	15 8	16 6	16 10	11 55	1 55	5 12
W10	15 45	1s50	3 44	4 1	2 53	21 13	2 14	19 24	1 7	22 30	0 6	20 53	0 12	18 47	0 36	3 59	1 39	1 57	15 9	16 3	16 9	11 57	1 56	5 13
T 11	15 27	6 42	2 47	3 40	3 4	21 15	2 10	19 14	1 7	22 29	0 6	20 51	0 12	18 46	0 36	4 0	1 39	1 56	15 9	16 2	16 8	11 59	1 56	5 13
F 12	15 9	11 9	1 39	3 20	3 15	21 16	2 7	19 4	1 8	22 27	0 6	20 50	0 12	18 46	0 36	4 0	1 38	1 56	15 9	16 1	16 7	12 0	1 57	5 13
S 13	14 51	14 56	0 25	3 2	3 25	21 17	2 3	18 54	1 8	22 26	0 6	20 49	0 12	18 45	0 36	4 1	1 38	1 56	15 9	16 1	16 6	12 2	1 58	5 13
S 14	14 33	17 48	0n49	2 46	3 35	21 17	1 59	18 44	1 8	22 24	0 6	20 47	0 12	18 44	0 36	4 2	1 38	1 56	15 10	16 1	16 5	12 4	1 59	5 13
M15	14 14	19 34	2 0	2 33	3 45	21 17	1 55	18 34	1 8	22 23	0 6	20 46	0 13	18 43	0 36	4 2	1 38	1 55	15 10	16 1	16 4	12 5	2 0	5 13
T 16	13 56	20 8	3 2	2 22	3 53	21 16	1 51	18 23	1 8	22 21	0 6	20 45	0 13	18 42	0 36	4 3	1 38	1 55	15 10	16 0	16 3	12 7	2 1	5 13
W17	13 37	19 31	3 54	2 14	4 2	21 15	1 47	18 13	1 8	22 19	0 6	20 43	0 13	18 41	0 36	4 3	1 38	1 55	15 11	15 59	16 2	12 8	2 2	5 13
T 18	13 17	17 48	4 32	2 9	4 9	21 13	1 44	18 2	1 9	22 18	0 7	20 42	0 13	18 40	0 36	4 4	1 38	1 55	15 11	15 56	16 1	12 10	2 3	5 13
F 19	12 58	15 10	4 54	2 7	4 16	21 11	1 40	17 51	1 9	22 16	0 7	20 40	0 13	18 39	0 36	4 5	1 38	1 54	15 11	15 53	16 0	12 11	2 4	5 13
S 20	12 38	11 50	5 1	2 8	4 22	21 8	1 36	17 40	1 9	22 15	0 7	20 39	0 13	18 38	0 36	4 5	1 38	1 54	15 11	15 50	15 59	12 13	2 5	5 13
S 21	12 18	7 59	4 53	2 12	4 26	21 5	1 32	17 29	1 9	22 13	0 7	20 38	0 13	18 37	0 36	4 6	1 38	1 54	15 12	15 46	15 58	12 15	2 6	5 13
M22	11 58	3 52	4 30	2 20	4 29	21 1	1 28	17 18	1 9	22 12	0 7	20 36	0 13	18 36	0 37	4 7	1 38	1 53	15 12	15 42	15 57	12 16	2 7	5 13
T 23	11 38	0n20	3 54	2 31	4 31	20 57	1 24	17 7	1 9	22 10	0 7	20 35	0 13	18 35	0 37	4 7	1 38	1 53	15 12	15 39	15 56	12 18	2 8	5 13
W24	11 18	4 28	3 9	2 46	4 31	20 52	1 20	16 55	1 10	22 8	0 7	20 34	0 13	18 34	0 37	4 8	1 38	1 53	15 13	15 37	15 56	12 19	2 9	5 13
T 25	10 57	8 22	2 16	3 4	4 30	20 46	1 16	16 44	1 10	22 7	0 7	20 32	0 14	18 33	0 37	4 9	1 38	1 52	15 13	15 35	15 55	12 21	2 10	5 13
F 26	10 36	11 54	1 17	3 26	4 27	20 40	1 12	16 32	1 10	22 5	0 7	20 31	0 14	18 32	0 37	4 10	1 38	1 52	15 13	15 34	15 54	12 23	2 11	5 13
S 27	10 15	14 56	0 15	3 51	4 21	20 33	1 8	16 20	1 10	22 4	0 8	20 29	0 14	18 32	0 37	4 10	1 38	1 52	15 13	15 34	15 53	12 24	2 12	5 13
S 28	9 54	17 22	0s48	4 18	4 14	20 26	1 4	16 8	1 10	22 2	0 8	20 28	0 14	18 31	0 37	4 11	1 38	1 51	15 14	15 34	15 52	12 26	2 13	5 13
M29	9 33	19 4	1 50	4 48	4 5	20 18	1 0	15 57	1 10	22 0	0 8	20 27	0 14	18 30	0 37	4 12	1 38	1 51	15 14	15 34	15 51	12 27	2 15	5 13
T 30	9 11	19 55	2 47	5 19	3 54	20 10	0 56	15 44	1 10	21 59	0 8	20 25	0 14	18 29	0 37	4 12	1 38	1 51	15 14	15 34	15 50	12 29	2 16	5 13
W31	8n50	19n50	3s38	5n52	3s41	20n 1	0s52	15n32	1n10	21n57	0n 8	20n24	0n14	18n28	0n37	4s13	1n38	1n50	15s15	15s33	15s49	12n30	2s17	5n13

Julian Day Number = 2313695.5, Delta T = 64.21 sec
Ecliptic obliquity = 23°29'11, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°28'22, Lahiri = 18°35'22Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1622
geocentric

SEPTEMBER 1622 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 7	8♍18'48	10♋36	5°R 8	27♋49	21♌56	21♋20	0♌12	9♌41	14♎31	15°R17	12°R12	13♏ 5	29♈48	11°R52	T 1
F 2	22 44 3	9°17'04	23°48	4♍16	28°58	22°35	21°31	0°19	9°44	14°33	15♉16	12♏ 6	13° 2	29°54	11♓50	F 2
S 3	22 48 0	10°15'21	7♌26	3°27	0♌ 7	23°13	21°42	0°26	9°48	14°35	15°16	11°57	12°59	0♉ 1	11°47	S 3
S 4	22 51 56	11°13'41	21°30	2°45	1°16	23°51	21°52	0°32	9°51	14°37	15°15	11°48	12°56	0° 8	11°44	S 4
M 5	22 55 53	12°12'02	5♍57	2° 9	2°26	24°29	22° 3	0°39	9°54	14°39	15°15	11°38	12°52	0°14	11°41	M 5
T 6	22 59 50	13°10'25	20°39	1°40	3°35	25° 7	22°14	0°45	9°57	14°41	15°15	11°30	12°49	0°21	11°38	T 6
W 7	23 3 46	14° 8'50	5♎29	1°20	4°45	25°45	22°25	0°51	10° 1	14°43	15°14	11°23	12°46	0°28	11°35	W 7
T 8	23 7 43	15° 7'17	20°19	1° 9	5°54	26°23	22°35	0°58	10° 4	14°45	15°14	11°19	12°43	0°34	11°32	T 8
F 9	23 11 39	16° 5'46	5♏ 2	1°D 7	7° 4	27° 1	22°46	1° 4	10° 7	14°47	15°13	11°D17	12°40	0°41	11°29	F 9
S 10	23 15 36	17° 4'16	19°31	1°14	8°14	27°39	22°56	1°10	10°10	14°49	15°13	11°17	12°37	0°48	11°27	S 10
S 11	23 19 32	18° 2'48	3♐45	1°30	9°24	28°17	23° 6	1°16	10°13	14°51	15°12	11°18	12°33	0°54	11°24	S 11
M12	23 23 29	19° 1'21	17°42	1°56	10°35	28°55	23°16	1°23	10°16	14°53	15°12	11°R19	12°30	1° 1	11°21	M12
T 13	23 27 25	19°59'56	1♑21	2°31	11°45	29°33	23°26	1°29	10°19	14°55	15°11	11°18	12°27	1° 8	11°18	T 13
W14	23 31 22	20°58'33	14°44	3°15	12°55	0♍11	23°36	1°35	10°23	14°57	15°10	11°16	12°24	1°14	11°15	W14
T 15	23 35 19	21°57'11	27°52	4° 7	14° 6	0°49	23°46	1°40	10°26	14°59	15°10	11°11	12°21	1°21	11°12	T 15
F 16	23 39 15	22°55'52	10♒47	5° 6	15°17	1°27	23°56	1°46	10°29	15° 1	15° 9	11° 4	12°17	1°27	11°10	F 16
S 17	23 43 12	23°54'33	23°29	6°13	16°28	2° 5	24° 5	1°52	10°31	15° 4	15° 9	10°56	12°14	1°34	11° 7	S 17
S 18	23 47 8	24°53'17	5♓59	7°26	17°38	2°43	24°15	1°58	10°34	15° 6	15° 8	10°48	12°11	1°41	11° 4	S 18
M19	23 51 5	25°52'03	18°18	8°45	18°49	3°20	24°24	2° 3	10°37	15° 8	15° 7	10°40	12° 8	1°47	11° 1	M19
T 20	23 55 1	26°50'50	0♈26	10° 9	20° 1	3°58	24°34	2° 9	10°40	15°10	15° 7	10°33	12° 5	1°54	10°58	T 20
W21	23 58 58	27°49'40	12°26	11°37	21°12	4°36	24°43	2°15	10°43	15°12	15° 6	10°27	12° 2	2° 1	10°56	W21
T 22	0 2 54	28°48'32	24°19	13°10	22°23	5°14	24°52	2°20	10°46	15°14	15° 5	10°24	11°58	2° 7	10°53	T 22
F 23	0 6 51	29°47'25	6♉ 7	14°46	23°35	5°52	25° 1	2°25	10°48	15°16	15° 4	10°D22	11°55	2°14	10°50	F 23
S 24	0 10 47	0♎46'21	17°53	16°24	24°46	6°30	25°10	2°31	10°51	15°19	15° 4	10°22	11°52	2°21	10°48	S 24
S 25	0 14 44	1°45'20	29°42	18° 5	25°58	7° 8	25°18	2°36	10°54	15°21	15° 3	10°24	11°49	2°27	10°45	S 25
M26	0 18 41	2°44'20	11♊37	19°48	27° 9	7°46	25°27	2°41	10°56	15°23	15° 2	10°25	11°46	2°34	10°42	M26
T 27	0 22 37	3°43'23	23°43	21°32	28°21	8°23	25°35	2°46	10°59	15°25	15° 1	10°27	11°43	2°41	10°40	T 27
W28	0 26 34	4°42'28	6♋ 5	23°17	29°33	9° 1	25°44	2°51	11° 2	15°27	15° 1	10°R27	11°39	2°47	10°37	W28
T 29	0 30 30	5°41'36	18°48	25° 3	0♍45	9°39	25°52	2°56	11° 4	15°30	15° 0	10°26	11°36	2°54	10°35	T 29
F 30	0 34 27	6♎40'46	1♌56	26♍49	1♍57	10♍17	26♋ 0	3♌ 1	11♌ 7	15♎32	14♉59	10♏24	11♏33	3♉ 1	10♓32	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	8n28	18n45	4s20	6n26	3s27	19n51	0s48	15n20	1n11	21n56	0n 8	20n23	0n14	18n27	0n37	4s14	1n38	1n50	15s15	15s32	15s48	12n32	2s18	5n13
F 2	8 6	16 38	4 49	7 0	3 11	19 41	0 44	15 8	1 11	21 54	0 8	20 21	0 14	18 26	0 37	4 15	1 38	1 50	15 15	15 30	15 47	12 33	2 19	5 13
S 3	7 44	13 33	5 4	7 33	2 54	19 31	0 40	14 55	1 11	21 52	0 8	20 20	0 14	18 25	0 37	4 15	1 38	1 49	15 15	15 27	15 46	12 35	2 20	5 13
S 4	7 22	9 37	5 0	8 5	2 36	19 19	0 36	14 43	1 11	21 51	0 9	20 19	0 15	18 24	0 37	4 16	1 38	1 49	15 16	15 24	15 45	12 37	2 21	5 13
M 5	7 0	5 2	4 38	8 36	2 17	19 8	0 33	14 30	1 11	21 49	0 9	20 17	0 15	18 24	0 37	4 17	1 38	1 49	15 16	15 21	15 44	12 38	2 22	5 13
T 6	6 37	0 5	3 57	9 4	1 58	18 55	0 29	14 18	1 11	21 48	0 9	20 16	0 15	18 23	0 37	4 18	1 38	1 48	15 16	15 19	15 43	12 40	2 24	5 13
W 7	6 15	4s56	3 0	9 30	1 38	18 43	0 25	14 5	1 11	21 46	0 9	20 15	0 15	18 22	0 37	4 19	1 38	1 48	15 16	15 17	15 42	12 41	2 25	5 13
T 8	5 52	9 39	1 50	9 52	1 19	18 29	0 21	13 52	1 11	21 44	0 9	20 14	0 15	18 21	0 37	4 19	1 38	1 48	15 17	15 15	15 41	12 43	2 26	5 12
F 9	5 30	13 45	0 34	10 10	1 0	18 16	0 17	13 39	1 12	21 43	0 9	20 12	0 15	18 20	0 37	4 20	1 38	1 47	15 17	15 15	15 40	12 44	2 27	5 12
S 10	5 7	16 56	0n44	10 25	0 41	18 1	0 14	13 26	1 12	21 41	0 9	20 11	0 15	18 19	0 37	4 21	1 38	1 47	15 17	15 15	15 39	12 46	2 28	5 12
S 11	4 44	19 1	1 58	10 36	0 23	17 46	0 10	13 13	1 12	21 40	0 9	20 10	0 15	18 19	0 37	4 22	1 38	1 46	15 17	15 15	15 38	12 47	2 29	5 12
M12	4 21	19 53	3 3	10 43	0 6	17 31	0 6	13 0	1 12	21 38	0 9	20 9	0 15	18 18	0 37	4 23	1 38	1 46	15 18	15 15	15 37	12 49	2 31	5 12
T 13	3 58	19 32	3 56	10 45	0n10	17 15	0 3	12 47	1 12	21 36	0 10	20 7	0 16	18 17	0 37	4 23	1 38	1 46	15 18	15 15	15 36	12 50	2 32	5 12
W14	3 35	18 6	4 36	10 44	0 25	16 59	0n 1	12 33	1 12	21 35	0 10	20 6	0 16	18 16	0 37	4 24	1 38	1 45	15 18	15 14	15 35	12 52	2 33	5 12
T 15	3 12	15 44	5 0	10 38	0 39	16 42	0 4	12 20	1 12	21 33	0 10	20 5	0 16	18 15	0 37	4 25	1 38	1 45	15 18	15 13	15 34	12 53	2 34	5 12
F 16	2 49	12 38	5 8	10 28	0 52	16 25	0 8	12 6	1 12	21 32	0 10	20 4	0 16	18 15	0 37	4 26	1 38	1 44	15 19	15 11	15 33	12 55	2 35	5 12
S 17	2 25	8 59	5 1	10 14	1 3	16 7	0 11	11 53	1 12	21 30	0 10	20 3	0 16	18 14	0 37	4 27	1 37	1 44	15 19	15 8	15 32	12 56	2 36	5 11
S 18	2 2	5 1	4 39	9 56	1 13	15 49	0 15	11 39	1 12	21 29	0 10	20 1	0 16	18 13	0 37	4 28	1 37	1 44	15 19	15 6	15 31	12 58	2 38	5 11
M19	1 39	0 53	4 5	9 35	1 22	15 30	0 18	11 26	1 13	21 27	0 10	20 0	0 16	18 12	0 37	4 28	1 37	1 43	15 19	15 3	15 30	12 59	2 39	5 11
T 20	1 15	3n13	3 19	9 10	1 30	15 11	0 21	11 12	1 13	21 25	0 11	19 59	0 16	18 11	0 37	4 29	1 37	1 43	15 19	15 1	15 29	13 1	2 40	5 11
W21	0 52	7 10	2 26	8 42	1 37	14 51	0 25	10 58	1 13	21 24	0 11	19 58	0 16	18 11	0 37	4 30	1 37	1 42	15 20	14 59	15 28	13 2	2 41	5 11
T 22	0 28	10 47	1 26	8 12	1 42	14 31	0 28	10 44	1 13	21 22	0 11	19 57	0 17	18 10	0 37	4 31	1 37	1 42	15 20	14 58	15 27	13 4	2 42	5 11
F 23	0 5	13 57	0 23	7 39	1 46	14 11	0 31	10 30	1 13	21 21	0 11	19 56	0 17	18 9	0 37	4 32	1 37	1 42	15 20	14 58	15 27	13 5	2 43	5 11
S 24	0s18	16 33	0s41	7 3	1 50	13 50	0 34	10 16	1 13	21 20	0 11	19 55	0 17	18 9	0 37	4 33	1 37	1 41	15 20	14 58	15 26	13 7	2 45	5 10
S 25	0 42	18 26	1 44	6 26	1 52	13 28	0 37	10 2	1 13	21 18	0 11	19 54	0 17	18 8	0 37	4 33	1 37	1 41	15 20	14 58	15 25	13 8	2 46	5 10
M26	1 5	19 32	2 42	5 47	1 53	13 7	0 40	9 48	1 13	21 17	0 11	19 52	0 17	18 7	0 37	4 34	1 37	1 41	15 21	14 59	15 24	13 10	2 47	5 10
T 27	1 29	19 46	3 35	5 7	1 54	12 44	0 43	9 34	1 13	21 15	0 11	19 51	0 17	18 6	0 37	4 35	1 37	1 40	15 21	14 59	15 23	13 11	2 48	5 10
W28	1 52	19 2	4 19	4 25	1 54	12 22	0 46	9 20	1 13	21 14	0 12	19 50	0 17	18 6	0 37	4 36	1 37	1 40	15 21	14 59	15 22	13 13	2 49	5 10
T 29	2 16	17 22	4 51	3 42	1 53	11 59	0 49	9 6	1 13	21 12	0 12	19 49	0 17	18 5	0 37	4 37	1 37	1 39	15 21	14 59	15 21	13 14	2 50	5 9
F 30	2s39	14n44	5s10	2n58	1n51	11n36	0n51	8n51	1n13	21n11	0n12	19n48	0n17	18n 4	0n37	4s38	1n37	1n39	15s21	14s58	15s20	13n16	2s51	5n 9

Julian Day Number = 2313726.5, Delta T = 64.13 sec
Ecliptic obliquity = 23°29'12, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°28'26, Lahiri = 18°35'26Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1622
geocentric

OCTOBER 1622 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 23	7♎39'58	15♌31	28♍36	3♍10	10♍55	26♋ 8	3♌ 6	11♌ 9	15♎34	14°R58	10°R20	11♏30	3♉ 7	10°R30	S 1
S 2	0 42 20	8°39'13	29°35	0♎23	4°22	11°33	26°16	3°10	11°11	15°36	14♉57	10♏16	11°27	3°14	10♓27	S 2
M 3	0 46 16	9°38'29	14♍ 5	2° 9	5°34	12°10	26°23	3°15	11°14	15°38	14°56	10°11	11°23	3°20	10°25	M 3
T 4	0 50 13	10°37'48	28°57	3°56	6°47	12°48	26°31	3°19	11°16	15°41	14°55	10° 7	11°20	3°27	10°23	T 4
W 5	0 54 10	11°37'09	14♎ 1	5°42	7°59	13°26	26°38	3°24	11°18	15°43	14°54	10° 4	11°17	3°34	10°20	W 5
T 6	0 58 6	12°36'32	29° 9	7°27	9°12	14° 4	26°46	3°28	11°21	15°45	14°54	10° 2	11°14	3°40	10°18	T 6
F 7	1 2 3	13°35'57	14♏13	9°13	10°25	14°42	26°53	3°32	11°23	15°47	14°53	10°D 2	11°11	3°47	10°16	F 7
S 8	1 5 59	14°35'24	29° 2	10°57	11°38	15°19	27° 0	3°37	11°25	15°50	14°52	10° 3	11° 8	3°54	10°13	S 8
S 9	1 9 56	15°34'53	13♐33	12°41	12°50	15°57	27° 7	3°41	11°27	15°52	14°51	10° 4	11° 4	4° 0	10°11	S 9
M10	1 13 52	16°34'24	27°41	14°25	14° 3	16°35	27°13	3°45	11°29	15°54	14°50	10° 5	11° 1	4° 7	10° 9	M10
T 11	1 17 49	17°33'56	11♑25	16° 8	15°16	17°13	27°20	3°48	11°31	15°56	14°49	10°R 6	10°58	4°14	10° 7	T 11
W12	1 21 45	18°33'30	24°47	17°50	16°29	17°50	27°26	3°52	11°33	15°59	14°48	10° 6	10°55	4°20	10° 5	W12
T 13	1 25 42	19°33'06	7♒48	19°31	17°43	18°28	27°32	3°56	11°35	16° 1	14°47	10° 5	10°52	4°27	10° 3	T 13
F 14	1 29 39	20°32'44	20°32	21°12	18°56	19° 6	27°38	4° 0	11°37	16° 3	14°46	10° 3	10°49	4°34	10° 1	F 14
S 15	1 33 35	21°32'23	3♓ 0	22°53	20° 9	19°43	27°44	4° 3	11°39	16° 5	14°45	10° 1	10°45	4°40	9°59	S 15
S 16	1 37 32	22°32'04	15°15	24°32	21°22	20°21	27°50	4° 6	11°40	16° 8	14°44	9°58	10°42	4°47	9°57	S 16
M17	1 41 28	23°31'47	27°21	26°11	22°36	20°59	27°56	4°10	11°42	16°10	14°43	9°55	10°39	4°54	9°55	M17
T 18	1 45 25	24°31'32	9♈19	27°50	23°49	21°36	28° 1	4°13	11°44	16°12	14°42	9°53	10°36	5° 0	9°53	T 18
W19	1 49 21	25°31'18	21°11	29°28	25° 3	22°14	28° 6	4°16	11°45	16°14	14°41	9°51	10°33	5° 7	9°51	W19
T 20	1 53 18	26°31'07	3♉ 0	1♏ 5	26°16	22°52	28°12	4°19	11°47	16°16	14°40	9°51	10°29	5°13	9°50	T 20
F 21	1 57 14	27°30'58	14°47	2°42	27°30	23°29	28°16	4°22	11°49	16°19	14°39	9°D51	10°26	5°20	9°48	F 21
S 22	2 1 11	28°30'50	26°35	4°18	28°44	24° 7	28°21	4°25	11°50	16°21	14°37	9°51	10°23	5°27	9°46	S 22
S 23	2 5 7	29°30'45	8♊27	5°54	29°58	24°45	28°26	4°28	11°51	16°23	14°36	9°52	10°20	5°33	9°45	S 23
M24	2 9 4	0♏30'42	20°26	7°29	1♎12	25°22	28°30	4°30	11°53	16°25	14°35	9°53	10°17	5°40	9°43	M24
T 25	2 13 1	1°30'41	2♋34	9° 4	2°25	26° 0	28°34	4°33	11°54	16°27	14°34	9°54	10°14	5°47	9°42	T 25
W26	2 16 57	2°30'43	14°57	10°38	3°39	26°38	28°39	4°35	11°55	16°30	14°33	9°55	10°10	5°53	9°40	W26
T 27	2 20 54	3°30'46	27°37	12°12	4°53	27°15	28°42	4°37	11°57	16°32	14°32	9°55	10° 7	6° 0	9°39	T 27
F 28	2 24 50	4°30'52	10♌39	13°45	6° 8	27°53	28°46	4°40	11°58	16°34	14°31	9°R55	10° 4	6° 7	9°38	F 28
S 29	2 28 47	5°30'59	24° 5	15°18	7°22	28°30	28°50	4°42	11°59	16°36	14°30	9°55	10° 1	6°13	9°36	S 29
S 30	2 32 43	6°31'09	7♍58	16°51	8°36	29° 8	28°53	4°44	12° 0	16°38	14°29	9°54	9°58	6°20	9°35	S 30
M31	2 36 40	7♏31'21	22♍18	18♏23	9♎50	29♍46	28♋56	4♌45	12♌ 1	16♎40	14♉28	9♏54	9♏54	6♉27	9♓34	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	3s 3	11n15	5s12	2n14	1n49	11n12	0n54	8n37	1n13	21n10	0n12	19n47	0n18	18n 4	0n38	4s39	1n37	1n39	15s22	14s57	15s19	13n17	2s53	5n 9
S 2	3 26	7 1	4 55	1 28	1 46	10 48	0 57	8 23	1 13	21 8	0 12	19 46	0 18	18 3	0 38	4 39	1 37	1 38	15 22	14 56	15 18	13 18	2 54	5 9
M 3	3 50	2 16	4 20	0 43	1 43	10 24	0 59	8 8	1 13	21 7	0 12	19 45	0 18	18 3	0 38	4 40	1 37	1 38	15 22	14 54	15 17	13 20	2 55	5 9
T 4	4 13	2s44	3 27	0s 3	1 39	10 0	1 2	7 54	1 13	21 6	0 12	19 45	0 18	18 2	0 38	4 41	1 37	1 37	15 22	14 53	15 16	13 21	2 56	5 8
W 5	4 36	7 40	2 18	0 49	1 35	9 35	1 4	7 39	1 13	21 4	0 13	19 44	0 18	18 1	0 38	4 42	1 37	1 37	15 22	14 52	15 15	13 23	2 57	5 8
T 6	4 59	12 7	1 0	1 34	1 31	9 10	1 6	7 25	1 14	21 3	0 13	19 43	0 18	18 1	0 38	4 43	1 37	1 37	15 22	14 51	15 14	13 24	2 58	5 8
F 7	5 23	15 46	0n23	2 20	1 26	8 44	1 9	7 10	1 14	21 2	0 13	19 42	0 18	18 0	0 38	4 44	1 37	1 36	15 23	14 51	15 13	13 26	2 59	5 8
S 8	5 46	18 19	1 43	3 6	1 21	8 18	1 11	6 56	1 14	21 1	0 13	19 41	0 18	18 0	0 38	4 45	1 37	1 36	15 23	14 51	15 12	13 27	3 0	5 7
S 9	6 9	19 35	2 54	3 52	1 16	7 52	1 13	6 41	1 14	21 0	0 13	19 40	0 19	17 59	0 38	4 45	1 37	1 35	15 23	14 52	15 11	13 29	3 1	5 7
M10	6 32	19 35	3 53	4 37	1 10	7 26	1 15	6 26	1 14	20 58	0 13	19 39	0 19	17 59	0 38	4 46	1 37	1 35	15 23	14 52	15 10	13 30	3 2	5 7
T 11	6 54	18 23	4 37	5 22	1 4	7 0	1 17	6 12	1 14	20 57	0 13	19 39	0 19	17 58	0 38	4 47	1 37	1 35	15 23	14 53	15 9	13 31	3 3	5 7
W12	7 17	16 13	5 5	6 7	0 58	6 33	1 19	5 57	1 14	20 56	0 14	19 38	0 19	17 58	0 38	4 48	1 37	1 34	15 23	14 53	15 8	13 33	3 4	5 6
T 13	7 40	13 16	5 16	6 51	0 52	6 6	1 21	5 42	1 14	20 55	0 14	19 37	0 19	17 57	0 38	4 49	1 37	1 34	15 23	14 52	15 7	13 34	3 5	5 6
F 14	8 2	9 46	5 11	7 35	0 46	5 39	1 22	5 27	1 14	20 54	0 14	19 36	0 19	17 57	0 38	4 50	1 37	1 33	15 23	14 52	15 6	13 36	3 6	5 6
S 15	8 25	5 54	4 51	8 18	0 39	5 12	1 24	5 12	1 14	20 53	0 14	19 36	0 19	17 56	0 38	4 51	1 37	1 33	15 23	14 51	15 5	13 37	3 7	5 6
S 16	8 47	1 51	4 18	9 1	0 33	4 44	1 25	4 58	1 14	20 52	0 14	19 35	0 19	17 56	0 38	4 51	1 37	1 33	15 24	14 50	15 4	13 39	3 8	5 5
M17	9 9	2n13	3 34	9 43	0 26	4 16	1 27	4 43	1 14	20 51	0 14	19 34	0 20	17 55	0 38	4 52	1 37	1 32	15 24	14 49	15 3	13 40	3 9	5 5
T 18	9 31	6 10	2 41	10 25	0 20	3 49	1 28	4 28	1 14	20 50	0 15	19 34	0 20	17 55	0 38	4 53	1 37	1 32	15 24	14 48	15 2	13 41	3 10	5 5
W19	9 53	9 51	1 42	11 6	0 13	3 21	1 30	4 13	1 14	20 49	0 15	19 33	0 20	17 54	0 38	4 54	1 37	1 32	15 24	14 48	15 1	13 43	3 11	5 5
T 20	10 15	13 8	0 38	11 47	0 6	2 52	1 31	3 58	1 14	20 48	0 15	19 32	0 20	17 54	0 38	4 55	1 37	1 31	15 24	14 48	15 0	13 44	3 12	5 4
F 21	10 37	15 52	0s27	12 27	0s 1	2 24	1 32	3 43	1 14	20 48	0 15	19 32	0 20	17 54	0 38	4 56	1 37	1 31	15 24	14 48	14 59	13 46	3 13	5 4
S 22	10 58	17 57	1 32	13 6	0 7	1 56	1 33	3 28	1 14	20 47	0 15	19 31	0 20	17 53	0 38	4 56	1 38	1 30	15 24	14 48	14 58	13 47	3 14	5 4
S 23	11 19	19 15	2 32	13 44	0 14	1 27	1 34	3 13	1 14	20 46	0 15	19 31	0 20	17 53	0 38	4 57	1 38	1 30	15 24	14 48	14 57	13 48	3 15	5 3
M24	11 40	19 42	3 27	14 22	0 21	0 59	1 35	2 58	1 14	20 45	0 16	19 30	0 21	17 53	0 38	4 58	1 38	1 30	15 24	14 48	14 56	13 50	3 15	5 3
T 25	12 1	19 15	4 13	14 59	0 28	0 30	1 36	2 43	1 14	20 45	0 16	19 30	0 21	17 52	0 38	4 59	1 38	1 29	15 24	14 49	14 55	13 51	3 16	5 3
W26	12 22	17 52	4 49	15 35	0 34	0 1	1 37	2 28	1 14	20 44	0 16	19 29	0 21	17 52	0 38	5 0	1 38	1 29	15 24	14 49	14 54	13 52	3 17	5 3
T 27	12 43	15 36	5 11	16 10	0 41	0s27	1 38	2 13	1 14	20 43	0 16	19 29	0 21	17 52	0 39	5 1	1 38	1 29	15 24	14 49	14 53	13 54	3 18	5 2
F 28	13 3	12 30	5 18	16 45	0 47	0 56	1 38	1 58	1 14	20 43	0 16	19 29	0 21	17 51	0 39	5 1	1 38	1 28	15 24	14 49	14 52	13 55	3 19	5 2
S 29	13 23	8 40	5 9	17 19	0 54	1 25	1 39	1 43	1 14	20 42	0 16	19 28	0 21	17 51	0 39	5 2	1 38	1 28	15 24	14 49	14 51	13 57	3 19	5 2
S 30	13 43	4 15	4 41	17 52	1 0	1 54	1 39	1 28	1 14	20 42	0 16	19 28	0 21	17 51	0 39	5 3	1 38	1 28	15 24	14 49	14 50	13 58	3 20	5 1
M31	14s 3	0s32	3s55	18s24	1s 6	2s23	1n40	1n13	1n14	20n41	0n17	19n28	0n21	17n51	0n39	5s 4	1n38	1n27	15s24	14s49	14s49	13n59	3s21	5n 1

Julian Day Number = 2313756.5, Delta T = 64.06 sec
Ecliptic obliquity = 23°29'12, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°28'30, Lahiri = 18°35'30Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1622
geocentric

NOVEMBER 1622 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 36	8♏31'35	7♎ 1	19♏55	11♎ 4	0♎23	28♋59	4♌47	12♌ 2	16♎42	14°R26	9°R54	9♏51	6♉33	9°R33	T 1
W 2	2 44 33	9°31'51	22° 2	21°26	12°19	1° 1	29° 2	4°49	12° 3	16°45	14♉25	9°D54	9°48	6°40	9♓32	W 2
T 3	2 48 30	10°32'08	7♏14	22°57	13°33	1°38	29° 5	4°50	12° 4	16°47	14°24	9°R54	9°45	6°46	9°31	T 3
F 4	2 52 26	11°32'28	22°26	24°28	14°47	2°16	29° 7	4°52	12° 4	16°49	14°23	9♏54	9°42	6°53	9°30	F 4
S 5	2 56 23	12°32'49	7♐30	25°58	16° 2	2°53	29° 9	4°53	12° 5	16°51	14°22	9°54	9°39	7° 0	9°29	S 5
S 6	3 0 19	13°33'12	22°17	27°28	17°16	3°31	29°11	4°54	12° 6	16°53	14°21	9°53	9°35	7° 6	9°28	S 6
M 7	3 4 16	14°33'37	6♑40	28°57	18°31	4° 8	29°13	4°56	12° 6	16°55	14°20	9°53	9°32	7°13	9°27	M 7
T 8	3 8 12	15°34'02	20°37	0♐27	19°45	4°46	29°15	4°56	12° 7	16°57	14°19	9°52	9°29	7°20	9°26	T 8
W 9	3 12 9	16°34'30	4♒ 6	1°55	21° 0	5°23	29°16	4°57	12° 8	16°59	14°17	9°52	9°26	7°26	9°26	W 9
T 10	3 16 5	17°34'58	17°10	3°23	22°15	6° 1	29°18	4°58	12° 8	17° 1	14°16	9°D52	9°23	7°33	9°25	T 10
F 11	3 20 2	18°35'28	29°51	4°51	23°29	6°38	29°19	4°59	12° 8	17° 3	14°15	9°52	9°20	7°40	9°25	F 11
S 12	3 23 59	19°35'59	12♓13	6°18	24°44	7°16	29°19	4°59	12° 9	17° 5	14°14	9°53	9°16	7°46	9°24	S 12
S 13	3 27 55	20°36'31	24°21	7°45	25°59	7°53	29°20	5° 0	12° 9	17° 7	14°13	9°53	9°13	7°53	9°24	S 13
M14	3 31 52	21°37'05	6♈18	9°11	27°13	8°30	29°21	5° 0	12° 9	17° 9	14°12	9°55	9°10	8° 0	9°23	M14
T 15	3 35 48	22°37'40	18° 9	10°36	28°28	9° 8	29°21	5° 0	12° 9	17°11	14°11	9°56	9° 7	8° 6	9°23	T 15
W16	3 39 45	23°38'16	29°57	12° 1	29°43	9°45	29°R21	5°R 0	12° 9	17°13	14°10	9°57	9° 4	8°13	9°23	W16
T 17	3 43 41	24°38'53	11♉45	13°24	0♏58	10°23	29°21	5° 0	12°10	17°14	14° 9	9°R57	9° 0	8°19	9°22	T 17
F 18	3 47 38	25°39'33	23°34	14°47	2°13	11° 0	29°21	5° 0	12°R10	17°16	14° 7	9°56	8°57	8°26	9°22	F 18
S 19	3 51 34	26°40'13	5♊29	16° 9	3°28	11°37	29°20	5° 0	12° 9	17°18	14° 6	9°55	8°54	8°33	9°22	S 19
S 20	3 55 31	27°40'55	17°29	17°29	4°43	12°15	29°19	5° 0	12° 9	17°20	14° 5	9°53	8°51	8°39	9°D22	S 20
M21	3 59 28	28°41'38	29°37	18°48	5°58	12°52	29°18	4°59	12° 9	17°22	14° 4	9°50	8°48	8°46	9°22	M21
T 22	4 3 24	29°42'23	11♋56	20° 5	7°13	13°29	29°17	4°58	12° 9	17°24	14° 3	9°47	8°45	8°53	9°22	T 22
W23	4 7 21	0♐43'09	24°26	21°21	8°28	14° 7	29°16	4°58	12° 9	17°25	14° 2	9°43	8°41	8°59	9°22	W23
T 24	4 11 17	1°43'57	7♌11	22°34	9°43	14°44	29°14	4°57	12° 8	17°27	14° 1	9°41	8°38	9° 6	9°23	T 24
F 25	4 15 14	2°44'46	20°12	23°45	10°58	15°21	29°13	4°56	12° 8	17°29	14° 0	9°39	8°35	9°13	9°23	F 25
S 26	4 19 10	3°45'37	3♍32	24°53	12°13	15°59	29°11	4°55	12° 8	17°30	13°59	9°D38	8°32	9°19	9°23	S 26
S 27	4 23 7	4°46'29	17°13	25°58	13°28	16°36	29° 9	4°54	12° 7	17°32	13°58	9°39	8°29	9°26	9°23	S 27
M28	4 27 3	5°47'22	1♎16	27° 0	14°43	17°13	29° 6	4°53	12° 7	17°34	13°57	9°40	8°26	9°33	9°24	M28
T 29	4 31 0	6°48'17	15°40	27°57	15°58	17°50	29° 4	4°51	12° 6	17°35	13°56	9°42	8°22	9°39	9°24	T 29
W30	4 34 57	7♐49'13	0♏23	28♐49	17♏13	18♎28	29♋ 1	4♌50	12♌ 5	17♎37	13♉55	9♏43	8♏19	9♉46	9♓25	W30

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	14s22	5s26	2s53	18s55	1s12	2s52	1n40	0n58	1n14	20n41	0n17	19n27	0n22	17n50	0n39	5s 5	1n38	1n27	15s24	14s49	14s48	14n 1	3s22	5n	1
W 2	14 42	10 7	1 38	19 25	1 18	3 20	1 40	0 43	1 14	20 40	0 17	19 27	0 22	17 50	0 39	5 5	1 38	1 27	15 24	14 49	14 47	14 2	3 22	5	0
T 3	15 1	14 11	0 15	19 54	1 24	3 49	1 40	0 28	1 14	20 40	0 17	19 27	0 22	17 50	0 39	5 6	1 38	1 26	15 24	14 49	14 46	14 3	3 23	5	0
F 4	15 19	17 18	1n 9	20 23	1 30	4 18	1 40	0 13	1 13	20 39	0 17	19 27	0 22	17 50	0 39	5 7	1 38	1 26	15 24	14 49	14 45	14 5	3 24	5	0
S 5	15 38	19 10	2 28	20 50	1 36	4 47	1 40	0s 2	1 13	20 39	0 18	19 26	0 22	17 50	0 39	5 8	1 38	1 26	15 24	14 49	14 44	14 6	3 24	4	59
S 6	15 56	19 41	3 35	21 16	1 41	5 15	1 40	0 17	1 13	20 39	0 18	19 26	0 22	17 49	0 39	5 8	1 38	1 26	15 24	14 48	14 43	14 7	3 25	4	59
M 7	16 14	18 53	4 26	21 41	1 46	5 44	1 40	0 32	1 13	20 39	0 18	19 26	0 22	17 49	0 39	5 9	1 38	1 25	15 24	14 48	14 42	14 9	3 26	4	59
T 8	16 32	16 57	5 0	22 6	1 51	6 12	1 40	0 47	1 13	20 39	0 18	19 26	0 23	17 49	0 39	5 10	1 38	1 25	15 24	14 48	14 41	14 10	3 26	4	58
W 9	16 49	14 8	5 16	22 29	1 56	6 40	1 39	1 1	1 13	20 38	0 18	19 26	0 23	17 49	0 39	5 11	1 38	1 25	15 24	14 48	14 40	14 11	3 27	4	58
T 10	17 7	10 42	5 15	22 51	2 0	7 9	1 39	1 16	1 13	20 38	0 18	19 26	0 23	17 49	0 39	5 11	1 38	1 24	15 24	14 48	14 39	14 13	3 27	4	58
F 11	17 23	6 53	4 59	23 11	2 5	7 37	1 39	1 31	1 13	20 38	0 19	19 26	0 23	17 49	0 39	5 12	1 38	1 24	15 24	14 48	14 38	14 14	3 28	4	57
S 12	17 40	2 51	4 29	23 31	2 9	8 5	1 38	1 46	1 13	20 38	0 19	19 26	0 23	17 49	0 39	5 13	1 38	1 24	15 24	14 48	14 37	14 15	3 28	4	57
S 13	17 56	1n14	3 47	23 49	2 12	8 32	1 38	2 1	1 13	20 38	0 19	19 26	0 23	17 49	0 39	5 14	1 38	1 24	15 24	14 49	14 36	14 17	3 29	4	57
M14	18 12	5 12	2 56	24 6	2 16	9 0	1 37	2 16	1 13	20 38	0 19	19 26	0 23	17 49	0 39	5 14	1 38	1 23	15 24	14 49	14 35	14 18	3 29	4	56
T 15	18 28	8 57	1 58	24 22	2 19	9 27	1 36	2 31	1 13	20 39	0 19	19 26	0 24	17 49	0 39	5 15	1 38	1 23	15 24	14 49	14 34	14 19	3 30	4	56
W16	18 43	12 20	0 55	24 37	2 22	9 55	1 35	2 45	1 13	20 39	0 19	19 26	0 24	17 49	0 39	5 16	1 38	1 23	15 24	14 50	14 33	14 21	3 30	4	56
T 17	18 58	15 14	0s10	24 50	2 24	10 21	1 34	3 0	1 13	20 39	0 20	19 26	0 24	17 49	0 39	5 16	1 38	1 23	15 24	14 50	14 32	14 22	3 30	4	55
F 18	19 13	17 30	1 15	25 2	2 26	10 48	1 33	3 15	1 13	20 39	0 20	19 26	0 24	17 49	0 39	5 17	1 38	1 23	15 24	14 49	14 31	14 23	3 31	4	55
S 19	19 27	19 1	2 17	25 12	2 27	11 15	1 32	3 30	1 12	20 39	0 20	19 27	0 24	17 49	0 39	5 18	1 38	1 22	15 24	14 49	14 30	14 25	3 31	4	55
S 20	19 41	19 41	3 13	25 21	2 28	11 41	1 31	3 44	1 12	20 40	0 20	19 27	0 24	17 49	0 40	5 18	1 38	1 22	15 24	14 48	14 29	14 26	3 32	4	54
M21	19 54	19 28	4 1	25 29	2 29	12 7	1 30	3 59	1 12	20 40	0 20	19 27	0 24	17 49	0 40	5 19	1 38	1 22	15 23	14 47	14 28	14 27	3 32	4	54
T 22	20 8	18 19	4 39	25 35	2 28	12 33	1 29	4 14	1 12	20 41	0 21	19 27	0 25	17 49	0 40	5 20	1 38	1 22	15 23	14 46	14 27	14 28	3 32	4	54
W23	20 20	16 17	5 4	25 40	2 28	12 58	1 28	4 28	1 12	20 41	0 21	19 28	0 25	17 49	0 40	5 20	1 38	1 22	15 23	14 45	14 26	14 30	3 32	4	53
T 24	20 33	13 26	5 15	25 43	2 26	13 23	1 26	4 43	1 12	20 41	0 21	19 28	0 25	17 49	0 40	5 21	1 38	1 21	15 23	14 44	14 25	14 31	3 33	4	53
F 25	20 45	9 52	5 10	25 44	2 24	13 48	1 25	4 57	1 12	20 42	0 21	19 28	0 25	17 50	0 40	5 21	1 39	1 21	15 23	14 44	14 23	14 32	3 33	4	53
S 26	20 57	5 45	4 48	25 45	2 21	14 12	1 24	5 12	1 12	20 43	0 21	19 29	0 25	17 50	0 40	5 22	1 39	1 21	15 23	14 44	14 22	14 34	3 33	4	52
S 27	21 8	1 13	4 10	25 43	2 18	14 36	1 22	5 26	1 12	20 43	0 21	19 29	0 25	17 50	0 40	5 23	1 39	1 21	15 23	14 44	14 21	14 35	3 33	4	52
M28	21 19	3s30	3 16	25 40	2 13	15 0	1 20	5 41	1 11	20 44	0 22	19 30	0 25	17 50	0 40	5 23	1 39	1 21	15 23	14 44	14 20	14 36	3 33	4	52
T 29	21 29	8 9	2 9	25 36	2 8	15 23	1 19	5 55	1 11	20 45	0 22	19 30	0 26	17 50	0 40	5 24	1 39	1 21	15 22	14 45	14 19	14 37	3 34	4	51
W30	21s39	12s26	0s51	25s30	2s 1	15s46	1n17	6s 9	1n11	20n45	0n22	19n31	0n26	17n50	0n40	5s24	1n39	1n20	15s22	14s45	14s18	14n39	3s34	4n	51

Julian Day Number = 2313787.5, Delta T = 63.99 sec
Ecliptic obliquity = 23°29'11, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°28'34, Lahiri = 18°35'35Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1622
geocentric

DECEMBER 1622 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 53	8♐50'11	15♏20	29♐36	18♏28	19♎ 5	28°R58	4°R48	12°R 5	17♎39	13°R54	9°R43	8♏16	9♉53	9♓26	T 1
F 2	4 42 50	9°51'09	0♐23	0♑16	19°44	19°42	28♋55	4♌46	12♌ 4	17°40	13♉53	9♏42	8°13	9°59	9°26	F 2
S 3	4 46 46	10°52'09	15°25	0°50	20°59	20°19	28°52	4°45	12° 3	17°42	13°52	9°39	8°10	10° 6	9°27	S 3
S 4	4 50 43	11°53'10	0♑15	1°15	22°14	20°57	28°49	4°43	12° 2	17°43	13°51	9°34	8° 6	10°12	9°28	S 4
M 5	4 54 39	12°54'11	14°46	1°32	23°29	21°34	28°45	4°41	12° 1	17°45	13°50	9°29	8° 3	10°19	9°29	M 5
T 6	4 58 36	13°55'13	28°53	1°R40	24°44	22°11	28°41	4°39	12° 0	17°46	13°49	9°24	8° 0	10°26	9°30	T 6
W 7	5 2 33	14°56'16	12♒31	1°37	26° 0	22°48	28°37	4°36	11°59	17°47	13°48	9°19	7°57	10°32	9°30	W 7
T 8	5 6 29	15°57'19	25°42	1°23	27°15	23°25	28°33	4°34	11°58	17°49	13°47	9°15	7°54	10°39	9°32	T 8
F 9	5 10 26	16°58'23	8♓28	0°57	28°30	24° 2	28°29	4°32	11°57	17°50	13°46	9°14	7°51	10°46	9°33	F 9
S 10	5 14 22	17°59'27	20°51	0°20	29°45	24°39	28°24	4°29	11°56	17°52	13°45	9°D13	7°47	10°52	9°34	S 10
S 11	5 18 19	19° 0'31	2♈58	29♐32	1♐ 1	25°16	28°19	4°26	11°55	17°53	13°44	9°14	7°44	10°59	9°35	S 11
M12	5 22 15	20° 1'36	14°53	28°33	2°16	25°53	28°15	4°24	11°53	17°54	13°43	9°16	7°41	11° 6	9°36	M12
T 13	5 26 12	21° 2'41	26°41	27°25	3°31	26°30	28°10	4°21	11°52	17°55	13°42	9°17	7°38	11°12	9°37	T 13
W14	5 30 8	22° 3'47	8♉28	26° 9	4°47	27° 7	28° 4	4°18	11°51	17°57	13°41	9°R18	7°35	11°19	9°39	W14
T 15	5 34 5	23° 4'53	20°16	24°49	6° 2	27°44	27°59	4°15	11°49	17°58	13°41	9°17	7°32	11°26	9°40	T 15
F 16	5 38 1	24° 5'59	2♊10	23°26	7°17	28°21	27°53	4°12	11°48	17°59	13°40	9°15	7°28	11°32	9°42	F 16
S 17	5 41 58	25° 7'06	14°13	22° 4	8°33	28°58	27°48	4° 9	11°46	18° 0	13°39	9°10	7°25	11°39	9°43	S 17
S 18	5 45 55	26° 8'13	26°26	20°45	9°48	29°35	27°42	4° 5	11°45	18° 1	13°38	9° 2	7°22	11°45	9°45	S 18
M19	5 49 51	27° 9'21	8♋50	19°32	11° 3	0♏12	27°36	4° 2	11°43	18° 2	13°37	8°54	7°19	11°52	9°46	M19
T 20	5 53 48	28°10'29	21°25	18°26	12°19	0°49	27°30	3°59	11°41	18° 3	13°37	8°44	7°16	11°59	9°48	T 20
W21	5 57 44	29°11'37	4♌13	17°30	13°34	1°25	27°24	3°55	11°40	18° 4	13°36	8°35	7°12	12° 5	9°50	W21
T 22	6 1 41	0♑12'46	17°13	16°43	14°49	2° 2	27°17	3°52	11°38	18° 5	13°35	8°27	7° 9	12°12	9°52	T 22
F 23	6 5 37	1°13'55	0♍25	16° 7	16° 5	2°39	27°11	3°48	11°36	18° 6	13°34	8°20	7° 6	12°19	9°53	F 23
S 24	6 9 34	2°15'04	13°49	15°42	17°20	3°16	27° 4	3°44	11°34	18° 7	13°34	8°16	7° 3	12°25	9°55	S 24
S 25	6 13 31	3°16'14	27°27	15°27	18°35	3°52	26°57	3°40	11°33	18° 8	13°33	8°D14	7° 0	12°32	9°57	S 25
M26	6 17 27	4°17'25	11♎20	15°D22	19°51	4°29	26°50	3°36	11°31	18° 9	13°32	8°14	6°57	12°39	9°59	M26
T 27	6 21 24	5°18'36	25°26	15°26	21° 6	5° 6	26°43	3°32	11°29	18°10	13°32	8°15	6°53	12°45	10° 1	T 27
W28	6 25 20	6°19'47	9♏47	15°39	22°22	5°43	26°36	3°28	11°27	18°10	13°31	8°R16	6°50	12°52	10° 3	W28
T 29	6 29 17	7°20'58	24°19	15°59	23°37	6°19	26°29	3°24	11°25	18°11	13°31	8°15	6°47	12°59	10° 6	T 29
F 30	6 33 13	8°22'10	8♐58	16°27	24°52	6°56	26°22	3°20	11°23	18°12	13°30	8°11	6°44	13° 5	10° 8	F 30
S 31	6 37 10	9♑23'22	23♐40	17♐ 1	26♐ 8	7♏32	26♋15	3♌16	11♌21	18♎13	13♉29	8♏ 5	6♏41	13♉12	10♓10	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	21s49	15s58	0n31	25s23	1s54	16s 9	1n15	6s23	1n11	20n46	0n22	19n31	0n26	17n51	0n40	5s25	1n39	1n20	15s22	14s45	14s17	14n40	3s34	4n51
F 2	21 58	18 28	1 51	25 14	1 45	16 31	1 14	6 38	1 11	20 47	0 22	19 32	0 26	17 51	0 40	5 25	1 39	1 20	15 22	14 45	14 16	14 41	3 34	4 50
S 3	22 7	19 39	3 3	25 4	1 35	16 53	1 12	6 52	1 11	20 48	0 23	19 32	0 26	17 51	0 40	5 26	1 39	1 20	15 22	14 44	14 15	14 42	3 34	4 50
S 4	22 15	19 27	4 2	24 52	1 23	17 14	1 10	7 6	1 11	20 49	0 23	19 33	0 26	17 52	0 40	5 27	1 39	1 20	15 22	14 42	14 14	14 44	3 34	4 49
M 5	22 23	17 58	4 44	24 39	1 10	17 35	1 8	7 20	1 10	20 50	0 23	19 34	0 26	17 52	0 40	5 27	1 39	1 20	15 21	14 41	14 13	14 45	3 34	4 49
T 6	22 31	15 25	5 7	24 25	0 56	17 55	1 6	7 34	1 10	20 50	0 23	19 34	0 27	17 52	0 40	5 28	1 39	1 20	15 21	14 39	14 12	14 46	3 34	4 49
W 7	22 38	12 5	5 12	24 9	0 41	18 15	1 4	7 48	1 10	20 51	0 23	19 35	0 27	17 52	0 40	5 28	1 39	1 20	15 21	14 38	14 11	14 47	3 34	4 48
T 8	22 45	8 16	5 0	23 53	0 24	18 34	1 2	8 2	1 10	20 53	0 24	19 36	0 27	17 53	0 40	5 29	1 39	1 20	15 21	14 36	14 10	14 49	3 34	4 48
F 9	22 51	4 12	4 33	23 35	0 6	18 53	1 0	8 16	1 10	20 54	0 24	19 36	0 27	17 53	0 40	5 29	1 39	1 20	15 21	14 36	14 9	14 50	3 34	4 48
S 10	22 57	0 3	3 54	23 16	0n13	19 12	0 58	8 29	1 10	20 55	0 24	19 37	0 27	17 53	0 40	5 29	1 39	1 19	15 20	14 36	14 8	14 51	3 34	4 47
S 11	23 2	4n 1	3 5	22 57	0 33	19 29	0 56	8 43	1 9	20 56	0 24	19 38	0 27	17 54	0 40	5 30	1 39	1 19	15 20	14 36	14 7	14 52	3 33	4 47
M12	23 7	7 52	2 9	22 36	0 53	19 47	0 54	8 57	1 9	20 57	0 24	19 39	0 27	17 54	0 40	5 30	1 39	1 19	15 20	14 37	14 6	14 54	3 33	4 47
T 13	23 11	11 22	1 8	22 15	1 13	20 3	0 51	9 10	1 9	20 58	0 24	19 39	0 28	17 55	0 40	5 31	1 39	1 19	15 20	14 37	14 5	14 55	3 33	4 46
W14	23 15	14 25	0 5	21 54	1 32	20 20	0 49	9 24	1 9	20 59	0 25	19 40	0 28	17 55	0 40	5 31	1 39	1 19	15 20	14 37	14 4	14 56	3 33	4 46
T 15	23 18	16 54	0s59	21 32	1 51	20 35	0 47	9 37	1 9	21 1	0 25	19 41	0 28	17 56	0 40	5 32	1 40	1 19	15 19	14 37	14 3	14 57	3 33	4 46
F 16	23 21	18 40	2 1	21 12	2 8	20 50	0 45	9 51	1 8	21 2	0 25	19 42	0 28	17 56	0 41	5 32	1 40	1 19	15 19	14 36	14 2	14 59	3 32	4 45
S 17	23 24	19 37	2 58	20 52	2 23	21 4	0 42	10 4	1 8	21 3	0 25	19 43	0 28	17 56	0 41	5 32	1 40	1 19	15 19	14 35	14 1	15 0	3 32	4 45
S 18	23 26	19 39	3 47	20 34	2 36	21 18	0 40	10 17	1 8	21 5	0 25	19 44	0 28	17 57	0 41	5 33	1 40	1 19	15 19	14 32	14 0	15 1	3 32	4 45
M19	23 27	18 46	4 26	20 18	2 47	21 31	0 38	10 30	1 8	21 6	0 26	19 45	0 28	17 57	0 41	5 33	1 40	1 19	15 18	14 29	13 59	15 2	3 32	4 45
T 20	23 28	16 57	4 53	20 4	2 55	21 44	0 35	10 43	1 8	21 7	0 26	19 46	0 29	17 58	0 41	5 33	1 40	1 19	15 18	14 26	13 58	15 3	3 31	4 44
W21	23 29	14 17	5 6	19 54	3 1	21 56	0 33	10 56	1 7	21 9	0 26	19 47	0 29	17 58	0 41	5 34	1 40	1 19	15 18	14 23	13 57	15 5	3 31	4 44
T 22	23 29	10 53	5 3	19 46	3 5	22 7	0 30	11 9	1 7	21 10	0 26	19 48	0 29	17 59	0 41	5 34	1 40	1 19	15 18	14 21	13 56	15 6	3 30	4 44
F 23	23 29	6 55	4 45	19 41	3 6	22 18	0 28	11 22	1 7	21 12	0 26	19 49	0 29	17 59	0 41	5 34	1 40	1 19	15 17	14 19	13 55	15 7	3 30	4 43
S 24	23 28	2 32	4 10	19 38	3 6	22 27	0 26	11 35	1 7	21 13	0 26	19 50	0 29	18 0	0 41	5 35	1 40	1 20	15 17	14 17	13 54	15 8	3 30	4 43
S 25	23 27	2s 4	3 21	19 39	3 4	22 37	0 23	11 48	1 6	21 15	0 27	19 51	0 29	18 0	0 41	5 35	1 40	1 20	15 17	14 17	13 53	15 9	3 29	4 43
M26	23 25	6 38	2 19	19 42	3 0	22 45	0 21	12 0	1 6	21 16	0 27	19 52	0 29	18 1	0 41	5 35	1 40	1 20	15 17	14 17	13 51	15 10	3 29	4 42
T 27	23 23	10 55	1 8	19 47	2 55	22 53	0 18	12 13	1 6	21 18	0 27	19 53	0 30	18 2	0 41	5 35	1 40	1 20	15 16	14 17	13 50	15 12	3 28	4 42
W28	23 20	14 39	0n 8	19 54	2 50	23 0	0 16	12 25	1 6	21 19	0 27	19 54	0 30	18 2	0 41	5 36	1 40	1 20	15 16	14 17	13 49	15 13	3 28	4 42
T 29	23 17	17 31	1 25	20 2	2 43	23 7	0 13	12 38	1 5	21 21	0 27	19 55	0 30	18 3	0 41	5 36	1 40	1 20	15 16	14 17	13 48	15 14	3 27	4 41
F 30	23 13	19 16	2 37	20 12	2 36	23 12	0 11	12 50	1 5	21 22	0 27	19 56	0 30	18 3	0 41	5 36	1 40	1 20	15 16	14 16	13 47	15 15	3 27	4 41
S 31	23s 9	19s42	3n38	20s23	2n28	23s18	0n 8	13s 2	1n 5	21n24	0n28	19n57	0n30	18n 4	0n41	5s36	1n40	1n20	15s15	14s14	13s46	15n16	3s26	4n41

Julian Day Number = 2313817.5, Delta T = 63.91 sec
Ecliptic obliquity = 23°29'10, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°28'38, Lahiri = 18°35'39Greg. Calendar