Astrodienst Ephemeris Tables

for the year 1627

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 1627
geocentric

JANUARY 1627 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 41 12	10♑26'06	29♊22	26♑ 3	26♒ 0	7♐52	23♏28	28♍32	0°R50	26♎50	17°R16	17°R45	19♌15	26♎ 1	25♓ 9	F 1
S 2	6 45 9	11°27'15	13♋23	27°35	26°49	8°34	23°39	28°33	0♍48	26°51	17♉16	17♌40	19°12	26° 7	25°10	S 2
S 3	6 49 6	12°28'24	27° 6	29° 6	27°37	9°17	23°50	28°34	0°47	26°52	17°15	17°36	19° 9	26°14	25°12	S 3
M 4	6 53 2	13°29'32	10♌28	0♒35	28°24	9°59	24° 1	28°34	0°45	26°53	17°15	17°35	19° 6	26°21	25°13	M 4
T 5	6 56 59	14°30'41	23°27	2° 1	29°10	10°42	24°11	28°35	0°44	26°53	17°14	17°D34	19° 2	26°27	25°15	T 5
W 6	7 0 55	15°31'49	6♍ 6	3°25	29°55	11°25	24°22	28°35	0°42	26°54	17°14	17°36	18°59	26°34	25°17	W 6
T 7	7 4 52	16°32'57	18°27	4°46	0♓39	12° 7	24°32	28°35	0°41	26°55	17°13	17°37	18°56	26°41	25°18	T 7
F 8	7 8 48	17°34'05	0♎33	6° 4	1°22	12°50	24°43	28°R35	0°39	26°56	17°13	17°39	18°53	26°48	25°20	F 8
S 9	7 12 45	18°35'12	12°29	7°17	2° 4	13°33	24°53	28°35	0°37	26°56	17°12	17°40	18°50	26°54	25°22	S 9
S 10	7 16 41	19°36'20	24°21	8°25	2°45	14°16	25° 3	28°35	0°35	26°57	17°12	17°R40	18°47	27° 1	25°24	S 10
M11	7 20 38	20°37'27	6♏14	9°27	3°24	14°58	25°13	28°34	0°34	26°57	17°11	17°39	18°43	27° 8	25°26	M11
T 12	7 24 35	21°38'34	18°11	10°23	4° 3	15°41	25°23	28°34	0°32	26°58	17°11	17°37	18°40	27°14	25°28	T 12
W13	7 28 31	22°39'41	0♐17	11°11	4°39	16°24	25°33	28°33	0°30	26°59	17°10	17°33	18°37	27°21	25°30	W13
T 14	7 32 28	23°40'48	12°36	11°51	5°15	17° 7	25°43	28°33	0°28	26°59	17°10	17°29	18°34	27°28	25°32	T 14
F 15	7 36 24	24°41'54	25°11	12°21	5°49	17°50	25°53	28°32	0°26	27° 0	17°10	17°25	18°31	27°35	25°34	F 15
S 16	7 40 21	25°42'59	8♑ 2	12°42	6°22	18°33	26° 2	28°31	0°24	27° 0	17° 9	17°22	18°28	27°41	25°36	S 16
S 17	7 44 17	26°44'04	21°10	12°R52	6°53	19°16	26°12	28°30	0°22	27° 0	17° 9	17°19	18°24	27°48	25°38	S 17
M18	7 48 14	27°45'08	4♒34	12°50	7°23	19°59	26°21	28°29	0°20	27° 1	17° 9	17°18	18°21	27°55	25°41	M18
T 19	7 52 10	28°46'11	18°13	12°38	7°51	20°42	26°30	28°28	0°18	27° 1	17° 9	17°D17	18°18	28° 1	25°43	T 19
W20	7 56 7	29°47'14	2♓ 4	12°13	8°17	21°25	26°39	28°27	0°16	27° 1	17° 8	17°18	18°15	28° 8	25°45	W20
T 21	8 0 4	0♒48'15	16° 3	11°38	8°42	22° 8	26°48	28°25	0°14	27° 2	17° 8	17°19	18°12	28°15	25°48	T 21
F 22	8 4 0	1°49'15	0♈10	10°52	9° 4	22°52	26°57	28°24	0°12	27° 2	17° 8	17°20	18° 8	28°22	25°50	F 22
S 23	8 7 57	2°50'14	14°20	9°57	9°25	23°35	27° 6	28°22	0° 9	27° 2	17° 8	17°21	18° 5	28°28	25°53	S 23
S 24	8 11 53	3°51'12	28°31	8°54	9°44	24°18	27°15	28°21	0° 7	27° 2	17° 7	17°R22	18° 2	28°35	25°55	S 24
M25	8 15 50	4°52'08	12♉42	7°45	10° 0	25° 1	27°23	28°19	0° 5	27° 2	17° 7	17°22	17°59	28°42	25°58	M25
T 26	8 19 46	5°53'03	26°50	6°33	10°15	25°45	27°32	28°17	0° 3	27° 2	17° 7	17°21	17°56	28°48	26° 0	T 26
W27	8 23 43	6°53'57	10♊53	5°19	10°27	26°28	27°40	28°15	0° 0	27° 3	17° 7	17°20	17°53	28°55	26° 3	W27
T 28	8 27 39	7°54'49	24°48	4° 5	10°37	27°11	27°48	28°13	29♌58	27°R 3	17° 7	17°19	17°49	29° 2	26° 6	T 28
F 29	8 31 36	8°55'40	8♋34	2°54	10°45	27°55	27°56	28°11	29°55	27° 3	17° 7	17°17	17°46	29° 9	26° 8	F 29
S 30	8 35 33	9°56'30	22° 8	1°46	10°51	28°38	28° 4	28° 9	29°53	27° 2	17° 7	17°17	17°43	29°15	26°11	S 30
S 31	8 39 29	10♒57'18	5♌28	0♒45	10♓54	29♐22	28♏12	28♍ 6	29♌51	27♎ 2	17°D 7	17♌16	17♌40	29♎22	26♓14	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	23s 4	19n37	3s52	22s51	1s54	13s12	0s21	21s41	0s 1	17s47	0n55	2n40	2n17	11n56	0n47	8s44	1n45	2n53	14s43	15n33	15n 5	5s39	1n 4	3n16
S 2	22 59	19 54	2 55	22 28	1 49	12 48	0 13	21 49	0 2	17 50	0 55	2 40	2 17	11 56	0 47	8 44	1 45	2 53	14 42	15 34	15 6	5 41	1 5	3 16
S 3	22 54	18 59	1 49	22 4	1 43	12 24	0 5	21 56	0 3	17 52	0 55	2 40	2 17	11 57	0 47	8 45	1 45	2 53	14 42	15 35	15 7	5 43	1 5	3 16
M 4	22 48	17 2	0 39	21 39	1 37	12 1	0n 3	22 3	0 3	17 55	0 55	2 40	2 18	11 57	0 47	8 45	1 45	2 53	14 42	15 36	15 8	5 46	1 5	3 16
T 5	22 42	14 14	0n32	21 12	1 30	11 37	0 11	22 10	0 4	17 58	0 55	2 40	2 18	11 58	0 47	8 45	1 45	2 53	14 41	15 36	15 9	5 48	1 6	3 15
W 6	22 35	10 50	1 40	20 45	1 21	11 13	0 20	22 16	0 5	18 0	0 55	2 41	2 18	11 59	0 47	8 45	1 45	2 54	14 41	15 35	15 10	5 50	1 6	3 15
T 7	22 28	7 3	2 41	20 17	1 12	10 49	0 29	22 23	0 6	18 3	0 55	2 41	2 18	11 59	0 47	8 46	1 45	2 54	14 41	15 35	15 11	5 52	1 7	3 15
F 8	22 20	3 3	3 34	19 48	1 2	10 25	0 38	22 29	0 6	18 5	0 56	2 41	2 19	12 0	0 47	8 46	1 45	2 54	14 41	15 34	15 12	5 54	1 7	3 15
S 9	22 12	1s 0	4 17	19 19	0 51	10 2	0 47	22 35	0 7	18 8	0 56	2 41	2 19	12 0	0 47	8 46	1 45	2 54	14 40	15 34	15 13	5 56	1 8	3 14
S 10	22 3	4 59	4 48	18 49	0 39	9 38	0 57	22 41	0 8	18 10	0 56	2 42	2 19	12 1	0 47	8 46	1 45	2 54	14 40	15 34	15 14	5 58	1 8	3 14
M11	21 54	8 47	5 8	18 20	0 26	9 15	1 6	22 46	0 8	18 12	0 56	2 42	2 20	12 2	0 47	8 46	1 45	2 54	14 40	15 34	15 15	6 0	1 9	3 14
T 12	21 45	12 15	5 14	17 52	0 12	8 52	1 16	22 52	0 9	18 15	0 56	2 42	2 20	12 2	0 47	8 46	1 45	2 55	14 39	15 35	15 16	6 2	1 9	3 14
W13	21 35	15 16	5 6	17 24	0n 3	8 29	1 27	22 57	0 10	18 17	0 56	2 43	2 20	12 3	0 47	8 47	1 45	2 55	14 39	15 36	15 17	6 4	1 10	3 13
T 14	21 24	17 39	4 44	16 58	0 19	8 6	1 37	23 2	0 10	18 19	0 56	2 43	2 20	12 4	0 47	8 47	1 46	2 55	14 39	15 37	15 17	6 6	1 11	3 13
F 15	21 14	19 15	4 9	16 34	0 35	7 43	1 48	23 7	0 11	18 21	0 56	2 44	2 21	12 4	0 47	8 47	1 46	2 55	14 38	15 39	15 18	6 8	1 11	3 13
S 16	21 3	19 55	3 20	16 11	0 53	7 21	1 59	23 11	0 12	18 24	0 56	2 45	2 21	12 5	0 47	8 47	1 46	2 55	14 38	15 40	15 19	6 11	1 12	3 13
S 17	20 51	19 32	2 19	15 51	1 11	6 59	2 10	23 16	0 13	18 26	0 56	2 45	2 21	12 6	0 47	8 47	1 46	2 56	14 38	15 40	15 20	6 13	1 13	3 13
M18	20 39	18 2	1 10	15 34	1 29	6 38	2 21	23 20	0 13	18 28	0 56	2 46	2 21	12 7	0 47	8 47	1 46	2 56	14 37	15 41	15 21	6 15	1 13	3 12
T 19	20 27	15 29	0s 5	15 20	1 47	6 17	2 33	23 24	0 14	18 30	0 56	2 47	2 22	12 7	0 47	8 47	1 46	2 56	14 37	15 41	15 22	6 17	1 14	3 12
W20	20 14	12 1	1 21	15 10	2 5	5 56	2 45	23 27	0 15	18 32	0 56	2 47	2 22	12 8	0 47	8 47	1 46	2 56	14 37	15 41	15 23	6 19	1 15	3 12
T 21	20 1	7 51	2 32	15 3	2 22	5 36	2 57	23 31	0 16	18 34	0 56	2 48	2 22	12 9	0 47	8 47	1 46	2 57	14 37	15 41	15 24	6 21	1 15	3 12
F 22	19 48	3 14	3 35	15 0	2 39	5 16	3 9	23 34	0 16	18 36	0 56	2 49	2 23	12 10	0 47	8 47	1 46	2 57	14 36	15 40	15 25	6 23	1 16	3 12
S 23	19 34	1n35	4 26	15 0	2 53	4 56	3 22	23 37	0 17	18 38	0 57	2 50	2 23	12 11	0 47	8 47	1 46	2 57	14 36	15 40	15 26	6 25	1 17	3 11
S 24	19 20	6 18	5 0	15 4	3 7	4 38	3 34	23 40	0 18	18 40	0 57	2 51	2 23	12 11	0 47	8 47	1 46	2 57	14 36	15 40	15 27	6 27	1 18	3 11
M25	19 5	10 40	5 15	15 10	3 18	4 20	3 47	23 42	0 19	18 42	0 57	2 52	2 23	12 12	0 47	8 47	1 46	2 58	14 35	15 40	15 28	6 29	1 19	3 11
T 26	18 50	14 25	5 12	15 20	3 27	4 2	4 0	23 44	0 19	18 43	0 57	2 53	2 24	12 13	0 47	8 47	1 46	2 58	14 35	15 40	15 29	6 31	1 20	3 11
W27	18 35	17 20	4 50	15 31	3 34	3 45	4 13	23 46	0 20	18 45	0 57	2 54	2 24	12 14	0 47	8 47	1 46	2 58	14 35	15 40	15 30	6 33	1 20	3 11
T 28	18 20	19 12	4 11	15 45	3 38	3 29	4 27	23 48	0 21	18 47	0 57	2 55	2 24	12 15	0 47	8 47	1 46	2 58	14 34	15 41	15 31	6 36	1 21	3 10
F 29	18 4	19 54	3 18	15 59	3 39	3 14	4 40	23 50	0 22	18 49	0 57	2 56	2 24	12 16	0 47	8 47	1 46	2 59	14 34	15 41	15 32	6 38	1 22	3 10
S 30	17 47	19 27	2 15	16 15	3 39	2 59	4 53	23 51	0 22	18 50	0 57	2 57	2 25	12 17	0 47	8 47	1 47	2 59	14 34	15 41	15 33	6 40	1 23	3 10
S 31	17s31	17n53	1s 5	16s31	3n36	2s46	5n 7	23s52	0s23	18s52	0n57	2n58	2n25	12n17	0n48	8s47	1n47	2n59	14s33	15n41	15n34	6s42	1n24	3n10

Julian Day Number = 2315309.5, Delta T = 60.41 sec
Ecliptic obliquity = 23°29'08, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°32'03, Lahiri = 18°39'04Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1627
geocentric

FEBRUARY 1627 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 43 26	11♒58'06	18♌32	29°R50	10°R54	0♉ 5	28♏19	28°R 4	29°R48	27°R 2	17♉ 7	17°D16	17♌37	29♎29	26♓17	M 1
T 2	8 47 22	12°58'52	1♍20	29♉ 3	10♓52	0°49	28°27	28♍ 1	29♌46	27♎ 2	17° 7	17♌16	17°34	29°35	26°20	T 2
W 3	8 51 19	13°59'36	13°53	28°24	10°48	1°32	28°34	27°59	29°43	27° 2	17° 7	17°16	17°30	29°42	26°22	W 3
T 4	8 55 15	15° 0'20	26°11	27°54	10°41	2°16	28°41	27°56	29°41	27° 2	17° 7	17°17	17°27	29°49	26°25	T 4
F 5	8 59 12	16° 1'02	8♎18	27°31	10°31	2°59	28°48	27°53	29°38	27° 2	17° 7	17°17	17°24	29°56	26°28	F 5
S 6	9 3 8	17° 1'43	20°16	27°16	10°19	3°43	28°55	27°50	29°36	27° 1	17° 7	17°R17	17°21	0♏ 2	26°31	S 6
S 7	9 7 5	18° 2'23	2♏ 9	27°D 9	10° 5	4°27	29° 2	27°47	29°33	27° 1	17° 7	17°17	17°18	0° 9	26°34	S 7
M 8	9 11 2	19° 3'02	14° 1	27°10	9°48	5°10	29° 9	27°44	29°31	27° 1	17° 8	17°D17	17°14	0°16	26°37	M 8
T 9	9 14 58	20° 3'40	25°58	27°17	9°29	5°54	29°15	27°41	29°28	27° 0	17° 8	17°17	17°11	0°22	26°40	T 9
W10	9 18 55	21° 4'17	8♐ 4	27°31	9° 7	6°38	29°22	27°38	29°25	27° 0	17° 8	17°17	17° 8	0°29	26°44	W10
T 11	9 22 51	22° 4'52	20°22	27°51	8°43	7°22	29°28	27°34	29°23	26°59	17° 8	17°18	17° 5	0°36	26°47	T 11
F 12	9 26 48	23° 5'26	2♑59	28°17	8°17	8° 6	29°34	27°31	29°20	26°59	17° 9	17°18	17° 2	0°43	26°50	F 12
S 13	9 30 44	24° 5'59	15°55	28°48	7°49	8°49	29°40	27°27	29°18	26°58	17° 9	17°19	16°59	0°49	26°53	S 13
S 14	9 34 41	25° 6'30	29°14	29°23	7°19	9°33	29°45	27°24	29°15	26°58	17° 9	17°19	16°55	0°56	26°56	S 14
M15	9 38 37	26° 7'00	12♒54	0♒ 3	6°48	10°17	29°51	27°20	29°12	26°57	17° 9	17°R20	16°52	1° 3	27° 0	M15
T 16	9 42 34	27° 7'28	26°55	0°47	6°14	11° 1	29°56	27°17	29°10	26°57	17°10	17°20	16°49	1° 9	27° 3	T 16
W17	9 46 31	28° 7'55	11♓13	1°35	5°40	11°45	0♐ 2	27°13	29° 7	26°56	17°10	17°19	16°46	1°16	27° 6	W17
T 18	9 50 27	29° 8'20	25°43	2°26	5° 5	12°29	0° 7	27° 9	29° 5	26°55	17°10	17°18	16°43	1°23	27°10	T 18
F 19	9 54 24	0♓ 8'43	10♈18	3°21	4°28	13°13	0°12	27° 5	29° 2	26°55	17°11	17°16	16°39	1°30	27°13	F 19
S 20	9 58 20	1° 9'04	24°53	4°18	3°51	13°57	0°16	27° 1	28°59	26°54	17°11	17°15	16°36	1°36	27°16	S 20
S 21	10 2 17	2° 9'23	9♉21	5°18	3°14	14°41	0°21	26°57	28°57	26°53	17°12	17°13	16°33	1°43	27°20	S 21
M22	10 6 13	3° 9'40	23°39	6°21	2°36	15°26	0°25	26°53	28°54	26°52	17°12	17°12	16°30	1°50	27°23	M22
T 23	10 10 10	4° 9'55	7♊44	7°26	1°59	16°10	0°30	26°49	28°51	26°52	17°13	17°D12	16°27	1°56	27°26	T 23
W24	10 14 6	5°10'08	21°35	8°34	1°21	16°54	0°34	26°45	28°49	26°51	17°13	17°13	16°24	2° 3	27°30	W24
T 25	10 18 3	6°10'19	5♋10	9°43	0°45	17°38	0°38	26°41	28°46	26°50	17°14	17°14	16°20	2°10	27°33	T 25
F 26	10 22 0	7°10'28	18°32	10°55	0° 9	18°22	0°41	26°36	28°44	26°49	17°14	17°15	16°17	2°17	27°37	F 26
S 27	10 25 56	8°10'35	1♌39	12° 8	29♒35	19° 6	0°45	26°32	28°41	26°48	17°15	17°17	16°14	2°23	27°40	S 27
S 28	10 29 53	9♓10'39	14♌34	13♒23	29♒ 2	19♉51	0♐48	26♍28	28♌38	26♎47	17♉15	17°R17	16♌11	2♏30	27♓44	S 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
M 1	17s14	15n25	0n 7	16s47	3n31	2s33	5n20	23s53	0s24	18s54	0n57	2n59	2n25	12n18	0n48	8s47	1n47	3n 0	14s33	15n41	15n35	6s44	1n25	3n10
T 2	16 57	12 13	1 17	17 3	3 24	2 21	5 34	23 54	0 25	18 55	0 57	3 1	2 25	12 19	0 48	8 47	1 47	3 0	14 33	15 41	15 36	6 46	1 26	3 9
W 3	16 40	8 32	2 22	17 19	3 16	2 10	5 47	23 54	0 25	18 57	0 57	3 2	2 26	12 20	0 48	8 47	1 47	3 0	14 32	15 41	15 37	6 48	1 27	3 9
T 4	16 22	4 34	3 20	17 34	3 7	2 1	6 1	23 54	0 26	18 58	0 58	3 3	2 26	12 21	0 48	8 46	1 47	3 1	14 32	15 41	15 38	6 50	1 28	3 9
F 5	16 4	0 29	4 7	17 48	2 57	1 52	6 14	23 54	0 27	19 0	0 58	3 5	2 26	12 22	0 48	8 46	1 47	3 1	14 32	15 41	15 39	6 52	1 29	3 9
S 6	15 46	3s34	4 43	18 2	2 46	1 44	6 27	23 54	0 28	19 1	0 58	3 6	2 26	12 23	0 48	8 46	1 47	3 1	14 31	15 41	15 40	6 54	1 30	3 9
S 7	15 27	7 27	5 6	18 14	2 35	1 38	6 40	23 53	0 29	19 2	0 58	3 7	2 27	12 24	0 48	8 46	1 47	3 2	14 31	15 41	15 41	6 56	1 31	3 9
M 8	15 8	11 2	5 17	18 26	2 23	1 33	6 52	23 52	0 29	19 4	0 58	3 9	2 27	12 25	0 48	8 46	1 47	3 2	14 31	15 41	15 42	6 58	1 32	3 8
T 9	14 49	14 12	5 14	18 36	2 11	1 29	7 4	23 51	0 30	19 5	0 58	3 10	2 27	12 25	0 48	8 46	1 47	3 2	14 30	15 41	15 43	7 0	1 33	3 8
W10	14 30	16 49	4 57	18 45	1 59	1 26	7 16	23 50	0 31	19 6	0 58	3 12	2 27	12 26	0 48	8 45	1 47	3 3	14 30	15 41	15 44	7 3	1 34	3 8
T 11	14 11	18 43	4 26	18 53	1 47	1 24	7 27	23 49	0 32	19 8	0 58	3 13	2 27	12 27	0 48	8 45	1 47	3 3	14 30	15 41	15 45	7 5	1 35	3 8
F 12	13 51	19 45	3 42	19 0	1 34	1 24	7 38	23 47	0 33	19 9	0 58	3 15	2 28	12 28	0 48	8 45	1 47	3 4	14 29	15 41	15 46	7 7	1 36	3 8
S 13	13 31	19 48	2 46	19 6	1 22	1 25	7 48	23 45	0 33	19 10	0 58	3 16	2 28	12 29	0 48	8 45	1 47	3 4	14 29	15 41	15 47	7 9	1 38	3 8
S 14	13 11	18 45	1 39	19 10	1 10	1 27	7 57	23 43	0 34	19 11	0 59	3 18	2 28	12 30	0 48	8 44	1 47	3 4	14 29	15 40	15 48	7 11	1 39	3 7
M15	12 50	16 35	0 25	19 14	0 58	1 30	8 6	23 40	0 35	19 12	0 59	3 20	2 28	12 31	0 48	8 44	1 47	3 5	14 28	15 40	15 49	7 13	1 40	3 7
T 16	12 30	13 23	0s53	19 15	0 47	1 35	8 14	23 37	0 36	19 13	0 59	3 21	2 28	12 32	0 48	8 44	1 48	3 5	14 28	15 40	15 50	7 15	1 41	3 7
W17	12 9	9 21	2 9	19 16	0 36	1 41	8 21	23 34	0 37	19 14	0 59	3 23	2 29	12 33	0 48	8 44	1 48	3 6	14 28	15 40	15 51	7 17	1 42	3 7
T 18	11 48	4 43	3 17	19 15	0 25	1 47	8 27	23 31	0 37	19 15	0 59	3 25	2 29	12 34	0 48	8 43	1 48	3 6	14 27	15 41	15 51	7 19	1 43	3 7
F 19	11 27	0n13	4 13	19 13	0 14	1 55	8 33	23 28	0 38	19 16	0 59	3 26	2 29	12 35	0 48	8 43	1 48	3 6	14 27	15 41	15 52	7 21	1 45	3 7
S 20	11 5	5 7	4 52	19 10	0 4	2 4	8 37	23 24	0 39	19 17	0 59	3 28	2 29	12 36	0 48	8 43	1 48	3 7	14 27	15 42	15 53	7 23	1 46	3 6
S 21	10 44	9 41	5 13	19 5	0s 7	2 14	8 41	23 20	0 40	19 18	0 59	3 30	2 29	12 37	0 48	8 42	1 48	3 7	14 26	15 42	15 54	7 25	1 47	3 6
M22	10 22	13 39	5 14	18 59	0 16	2 25	8 43	23 16	0 41	19 19	0 59	3 32	2 30	12 37	0 48	8 42	1 48	3 8	14 26	15 43	15 55	7 27	1 48	3 6
T 23	10 0	16 46	4 56	18 52	0 26	2 37	8 45	23 12	0 42	19 19	0 59	3 33	2 30	12 38	0 48	8 42	1 48	3 8	14 26	15 43	15 56	7 30	1 50	3 6
W24	9 38	18 53	4 21	18 43	0 35	2 49	8 46	23 7	0 42	19 20	1 0	3 35	2 30	12 39	0 48	8 41	1 48	3 9	14 26	15 42	15 57	7 32	1 51	3 6
T 25	9 16	19 51	3 32	18 33	0 43	3 2	8 45	23 2	0 43	19 21	1 0	3 37	2 30	12 40	0 48	8 41	1 48	3 9	14 25	15 42	15 58	7 34	1 52	3 6
F 26	8 54	19 41	2 32	18 21	0 52	3 15	8 44	22 57	0 44	19 22	1 0	3 39	2 30	12 41	0 48	8 41	1 48	3 9	14 25	15 42	15 59	7 36	1 53	3 6
S 27	8 31	18 27	1 25	18 9	1 0	3 29	8 41	22 52	0 45	19 22	1 0	3 41	2 30	12 42	0 48	8 40	1 48	3 10	14 25	15 41	16 0	7 38	1 55	3 6
S 28	8s 9	16n15	0s15	17s55	1s 7	3s44	8n38	22s46	0s46	19s23	1n 0	3n43	2n30	12n43	0n48	8s40	1n48	3n10	14s24	15n41	16n 1	7s40	1n56	3n 5

Julian Day Number = 2315340.5, Delta T = 60.34 sec
Ecliptic obliquity = 23°29'09, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°32'08, Lahiri = 18°39'08Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1627
geocentric

MARCH 1627 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 33 49	10♓10'42	27♌17	14♒40	28°R30	20♉35	0♐52	26°R23	28°R36	26°R46	17♉16	17°R17	16♌ 8	2♏37	27♓47	M 1
T 2	10 37 46	11°10'42	9♍48	15°58	28♒ 0	21°19	0°55	26♍19	28♌33	26♎45	17°17	17♌15	16° 5	2°44	27°51	T 2
W 3	10 41 42	12°10'41	22° 9	17°18	27°32	22° 4	0°57	26°14	28°31	26°44	17°17	17°12	16° 1	2°50	27°55	W 3
T 4	10 45 39	13°10'38	4♎20	18°40	27° 6	22°48	1° 0	26°10	28°28	26°43	17°18	17° 9	15°58	2°57	27°58	T 4
F 5	10 49 35	14°10'33	16°23	20° 3	26°42	23°32	1° 3	26° 5	28°26	26°42	17°19	17° 4	15°55	3° 4	28° 2	F 5
S 6	10 53 32	15°10'26	28°19	21°28	26°21	24°17	1° 5	26° 1	28°23	26°41	17°19	16°59	15°52	3°10	28° 5	S 6
S 7	10 57 29	16°10'18	10♍12	22°53	26° 1	25° 1	1° 7	25°56	28°21	26°40	17°20	16°54	15°49	3°17	28° 9	S 7
M 8	11 1 25	17°10'07	22° 4	24°21	25°44	25°46	1° 9	25°51	28°18	26°39	17°21	16°50	15°45	3°24	28°13	M 8
T 9	11 5 22	18° 9'55	4♐ 0	25°49	25°30	26°30	1°11	25°47	28°16	26°37	17°22	16°48	15°42	3°31	28°16	T 9
W10	11 9 18	19° 9'42	16° 3	27°19	25°18	27°15	1°12	25°42	28°14	26°36	17°22	16°D47	15°39	3°37	28°20	W10
T 11	11 13 15	20° 9'26	28°18	28°50	25° 9	27°59	1°14	25°37	28°11	26°35	17°23	16°47	15°36	3°44	28°23	T 11
F 12	11 17 11	21° 9'09	10♉50	0♓23	25° 2	28°44	1°15	25°33	28° 9	26°34	17°24	16°48	15°33	3°51	28°27	F 12
S 13	11 21 8	22° 8'51	23°44	1°57	24°57	29°28	1°16	25°28	28° 6	26°32	17°25	16°50	15°30	3°57	28°31	S 13
S 14	11 25 4	23° 8'30	7♒ 3	3°32	24°D55	0♒13	1°17	25°23	28° 4	26°31	17°26	16°51	15°26	4° 4	28°34	S 14
M15	11 29 1	24° 8'08	20°48	5° 8	24°55	0°57	1°17	25°19	28° 2	26°30	17°26	16°R52	15°23	4°11	28°38	M15
T 16	11 32 57	25° 7'43	5♓ 0	6°46	24°58	1°42	1°18	25°14	28° 0	26°28	17°27	16°50	15°20	4°18	28°42	T 16
W17	11 36 54	26° 7'17	19°35	8°25	25° 3	2°27	1°18	25° 9	27°57	26°27	17°28	16°47	15°17	4°24	28°45	W17
T 18	11 40 51	27° 6'49	4♈27	10° 5	25°11	3°11	1°R18	25° 4	27°55	26°26	17°29	16°42	15°14	4°31	28°49	T 18
F 19	11 44 47	28° 6'18	19°29	11°46	25°20	3°56	1°18	25° 0	27°53	26°24	17°30	16°36	15°11	4°38	28°53	F 19
S 20	11 48 44	29° 5'46	4♉30	13°29	25°32	4°41	1°18	24°55	27°51	26°23	17°31	16°30	15° 7	4°44	28°56	S 20
S 21	11 52 40	0♈ 5'11	19°22	15°13	25°46	5°25	1°17	24°50	27°49	26°22	17°32	16°24	15° 4	4°51	29° 0	S 21
M22	11 56 37	1° 4'34	3♊57	16°58	26° 1	6°10	1°17	24°46	27°47	26°20	17°33	16°19	15° 1	4°58	29° 4	M22
T 23	12 0 33	2° 3'55	18°11	18°45	26°19	6°55	1°16	24°41	27°45	26°19	17°34	16°16	14°58	5° 5	29° 8	T 23
W24	12 4 30	3° 3'13	2♋ 3	20°33	26°39	7°40	1°15	24°36	27°43	26°17	17°35	16°D15	14°55	5°11	29°11	W24
T 25	12 8 26	4° 2'29	15°32	22°23	27° 0	8°24	1°14	24°32	27°41	26°16	17°36	16°16	14°51	5°18	29°15	T 25
F 26	12 12 23	5° 1'43	28°40	24°13	27°24	9° 9	1°12	24°27	27°39	26°14	17°37	16°17	14°48	5°25	29°19	F 26
S 27	12 16 20	6° 0'54	11♌32	26° 6	27°49	9°54	1°11	24°22	27°37	26°13	17°38	16°R18	14°45	5°32	29°22	S 27
S 28	12 20 16	7° 0'03	24° 8	27°59	28°15	10°39	1° 9	24°18	27°35	26°11	17°39	16°18	14°42	5°38	29°26	S 28
M29	12 24 13	7°59'09	6♍33	29°54	28°43	11°23	1° 7	24°13	27°33	26°10	17°40	16°16	14°39	5°45	29°30	M29
T 30	12 28 9	8°58'14	18°49	1♈50	29°13	12° 8	1° 5	24° 9	27°31	26° 8	17°41	16°11	14°36	5°52	29°33	T 30
W31	12 32 6	9♈57'16	0♎57	3♈48	29♒45	12♒53	1♐ 2	24♍ 4	27♌30	26♎ 7	17♉42	16♌ 4	14♌32	5♏58	29♓37	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	7s46	13n18	0n55	17s39	1s15	3s58	8n34	22s40	0s46	19s23	1n 0	3n44	2n31	12n44	0n48	8s39	1n48	3n11	14s24	15n41	16n 2	7s42	1n57	3n 5
T 2	7 23	9 46	2 1	17 22	1 21	4 13	8 29	22 34	0 47	19 24	1 0	3 46	2 31	12 45	0 48	8 39	1 48	3 11	14 24	15 42	16 3	7 44	1 59	3 5
W 3	7 0	5 52	3 0	17 4	1 28	4 28	8 24	22 28	0 48	19 24	1 0	3 48	2 31	12 46	0 48	8 39	1 48	3 12	14 23	15 42	16 4	7 46	2 0	3 5
T 4	6 37	1 48	3 50	16 45	1 34	4 42	8 17	22 22	0 49	19 25	1 0	3 50	2 31	12 46	0 48	8 38	1 48	3 12	14 23	15 44	16 5	7 48	2 1	3 5
F 5	6 14	2s19	4 29	16 24	1 40	4 57	8 10	22 15	0 50	19 25	1 1	3 52	2 31	12 47	0 48	8 38	1 48	3 13	14 23	15 45	16 6	7 50	2 2	3 5
S 6	5 51	6 17	4 56	16 2	1 45	5 11	8 2	22 8	0 51	19 26	1 1	3 54	2 31	12 48	0 48	8 37	1 48	3 13	14 22	15 47	16 7	7 52	2 4	3 5
S 7	5 28	9 59	5 10	15 39	1 50	5 25	7 54	22 1	0 52	19 26	1 1	3 56	2 31	12 49	0 48	8 37	1 49	3 13	14 22	15 48	16 8	7 54	2 5	3 5
M 8	5 5	13 18	5 11	15 14	1 55	5 39	7 45	21 53	0 52	19 26	1 1	3 58	2 31	12 50	0 48	8 36	1 49	3 14	14 22	15 49	16 9	7 56	2 7	3 5
T 9	4 41	16 6	4 59	14 48	1 59	5 53	7 36	21 46	0 53	19 26	1 1	4 0	2 31	12 51	0 48	8 36	1 49	3 14	14 22	15 50	16 10	7 59	2 8	3 5
W10	4 18	18 14	4 33	14 20	2 2	6 6	7 26	21 38	0 54	19 27	1 1	4 2	2 32	12 51	0 48	8 35	1 49	3 15	14 21	15 50	16 11	8 1	2 9	3 4
T 11	3 54	19 34	3 54	13 52	2 6	6 18	7 16	21 30	0 55	19 27	1 1	4 4	2 32	12 52	0 48	8 35	1 49	3 15	14 21	15 50	16 11	8 3	2 11	3 4
F 12	3 31	19 59	3 4	13 22	2 9	6 30	7 6	21 22	0 56	19 27	1 1	4 6	2 32	12 53	0 48	8 35	1 49	3 16	14 21	15 50	16 12	8 5	2 12	3 4
S 13	3 7	19 23	2 3	12 51	2 11	6 42	6 55	21 13	0 57	19 27	1 1	4 7	2 32	12 54	0 48	8 34	1 49	3 16	14 21	15 49	16 13	8 7	2 13	3 4
S 14	2 44	17 41	0 53	12 18	2 13	6 53	6 45	21 5	0 57	19 27	1 2	4 9	2 32	12 55	0 48	8 34	1 49	3 17	14 20	15 49	16 14	8 9	2 15	3 4
M15	2 20	14 56	0s21	11 44	2 15	7 3	6 34	20 56	0 58	19 27	1 2	4 11	2 32	12 55	0 48	8 33	1 49	3 17	14 20	15 49	16 15	8 11	2 16	3 4
T 16	1 56	11 12	1 37	11 9	2 16	7 13	6 22	20 47	0 59	19 27	1 2	4 13	2 32	12 56	0 48	8 33	1 49	3 18	14 20	15 49	16 16	8 13	2 18	3 4
W17	1 33	6 43	2 48	10 33	2 17	7 22	6 11	20 38	1 0	19 27	1 2	4 15	2 32	12 57	0 47	8 32	1 49	3 18	14 19	15 50	16 17	8 15	2 19	3 4
T 18	1 9	1 44	3 49	9 55	2 17	7 30	6 0	20 28	1 1	19 27	1 2	4 17	2 32	12 58	0 47	8 31	1 49	3 19	14 19	15 52	16 18	8 17	2 20	3 4
F 19	0 45	3n23	4 35	9 16	2 17	7 38	5 48	20 18	1 2	19 27	1 2	4 19	2 32	12 58	0 47	8 31	1 49	3 19	14 19	15 53	16 19	8 19	2 22	3 4
S 20	0 22	8 18	5 2	8 36	2 16	7 44	5 37	20 9	1 3	19 27	1 2	4 21	2 32	12 59	0 47	8 30	1 49	3 20	14 19	15 55	16 20	8 21	2 23	3 4
S 21	0n 2	12 39	5 9	7 55	2 15	7 51	5 26	19 58	1 3	19 27	1 2	4 23	2 32	13 0	0 47	8 30	1 49	3 20	14 18	15 57	16 21	8 23	2 25	3 4
M22	0 26	16 9	4 55	7 12	2 13	7 56	5 14	19 48	1 4	19 26	1 2	4 25	2 32	13 1	0 47	8 29	1 49	3 21	14 18	15 59	16 22	8 25	2 26	3 4
T 23	0 49	18 36	4 23	6 28	2 11	8 1	5 3	19 38	1 5	19 26	1 2	4 27	2 32	13 1	0 47	8 29	1 49	3 21	14 18	15 59	16 23	8 27	2 27	3 3
W24	1 13	19 52	3 36	5 43	2 9	8 5	4 52	19 27	1 6	19 26	1 3	4 28	2 32	13 2	0 47	8 28	1 49	3 22	14 18	16 0	16 24	8 30	2 29	3 3
T 25	1 37	19 58	2 38	4 57	2 5	8 8	4 40	19 16	1 7	19 25	1 3	4 30	2 32	13 3	0 47	8 28	1 49	3 22	14 18	16 0	16 25	8 32	2 30	3 3
F 26	2 0	18 56	1 34	4 10	2 2	8 11	4 29	19 5	1 8	19 25	1 3	4 32	2 32	13 3	0 47	8 27	1 49	3 23	14 17	15 59	16 26	8 34	2 32	3 3
S 27	2 24	16 57	0 26	3 21	1 58	8 13	4 18	18 54	1 8	19 25	1 3	4 34	2 32	13 4	0 47	8 27	1 49	3 23	14 17	15 59	16 26	8 36	2 33	3 3
S 28	2 47	14 10	0n42	2 32	1 53	8 14	4 7	18 43	1 9	19 24	1 3	4 36	2 32	13 4	0 47	8 26	1 49	3 24	14 17	15 59	16 27	8 38	2 34	3 3
M29	3 10	10 47	1 47	1 41	1 48	8 15	3 56	18 31	1 10	19 24	1 3	4 37	2 32	13 5	0 47	8 25	1 49	3 24	14 17	16 0	16 28	8 40	2 36	3 3
T 30	3 34	6 58	2 45	0 50	1 42	8 14	3 46	18 19	1 11	19 23	1 3	4 39	2 32	13 6	0 47	8 25	1 49	3 25	14 16	16 1	16 29	8 42	2 37	3 3
W31	3n57	2n55	3n36	0n 3	1s36	8s14	3n35	18s 8	1s12	19s23	1n 3	4n41	2n32	13n 6	0n47	8s24	1n49	3n25	14s16	16n 3	16n30	8s44	2n39	3n 3

Julian Day Number = 2315368.5, Delta T = 60.27 sec
Ecliptic obliquity = 23°29'10, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°32'12, Lahiri = 18°39'12Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1627
geocentric

APRIL 1627 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 2	10♈56'16	12♎59	5♈47	0♓17	13♒38	1°R 0	24°R 0	27°R28	26°R 5	17♉43	15°R55	14♌29	6♏ 5	29♓40	T 1
F 2	12 39 59	11°55'14	24°56	7°47	0°51	14°23	0♐57	23♍56	27♌26	26♎ 3	17°44	15♌45	14°26	6°12	29°44	F 2
S 3	12 43 55	12°54'11	6♏50	9°48	1°27	15° 7	0°54	23°51	27°25	26° 2	17°46	15°33	14°23	6°19	29°48	S 3
S 4	12 47 52	13°53'05	18°42	11°51	2° 3	15°52	0°51	23°47	27°23	26° 0	17°47	15°23	14°20	6°25	29°51	S 4
M 5	12 51 49	14°51'57	0♐35	13°54	2°41	16°37	0°48	23°43	27°22	25°59	17°48	15°13	14°16	6°32	29°55	M 5
T 6	12 55 45	15°50'48	12°31	15°59	3°20	17°22	0°45	23°39	27°20	25°57	17°49	15° 6	14°13	6°39	29°58	T 6
W 7	12 59 42	16°49'37	24°33	18° 4	4° 0	18° 7	0°41	23°34	27°19	25°56	17°50	15° 1	14°10	6°45	0♈ 2	W 7
T 8	13 3 38	17°48'24	6♑46	20°10	4°42	18°52	0°37	23°30	27°17	25°54	17°51	14°59	14° 7	6°52	0° 5	T 8
F 9	13 7 35	18°47'09	19°15	22°17	5°24	19°37	0°33	23°26	27°16	25°52	17°53	14°D58	14° 4	6°59	0° 9	F 9
S 10	13 11 31	19°45'53	2♒ 3	24°23	6° 7	20°21	0°29	23°22	27°15	25°51	17°54	14°58	14° 1	7° 6	0°13	S 10
S 11	13 15 28	20°44'35	15°15	26°30	6°52	21° 6	0°25	23°18	27°13	25°49	17°55	14°R59	13°57	7°12	0°16	S 11
M12	13 19 24	21°43'15	28°56	28°36	7°37	21°51	0°21	23°15	27°12	25°47	17°56	14°58	13°54	7°19	0°20	M12
T 13	13 23 21	22°41'54	13♓ 5	0♑42	8°23	22°36	0°16	23°11	27°11	25°46	17°58	14°55	13°51	7°26	0°23	T 13
W14	13 27 17	23°40'31	27°42	2°46	9°10	23°21	0°11	23° 7	27°10	25°44	17°59	14°50	13°48	7°33	0°26	W14
T 15	13 31 14	24°39'06	12♈42	4°50	9°58	24° 6	0° 6	23° 3	27° 9	25°42	18° 0	14°42	13°45	7°39	0°30	T 15
F 16	13 35 11	25°37'39	27°56	6°51	10°46	24°51	0° 1	23° 0	27° 8	25°41	18° 1	14°32	13°42	7°46	0°33	F 16
S 17	13 39 7	26°36'10	13♑14	8°51	11°35	25°36	29♏56	22°56	27° 7	25°39	18° 3	14°22	13°38	7°53	0°37	S 17
S 18	13 43 4	27°34'39	28°25	10°49	12°25	26°20	29°51	22°53	27° 6	25°38	18° 4	14°12	13°35	7°59	0°40	S 18
M19	13 47 0	28°33'07	13♊17	12°44	13°16	27° 5	29°46	22°49	27° 5	25°36	18° 5	14° 4	13°32	8° 6	0°43	M19
T 20	13 50 57	29°31'32	27°45	14°36	14° 7	27°50	29°40	22°46	27° 4	25°34	18° 6	13°58	13°29	8°13	0°47	T 20
W21	13 54 53	0♑29'55	11♋46	16°26	14°59	28°35	29°34	22°43	27° 4	25°33	18° 8	13°55	13°26	8°20	0°50	W21
T 22	13 58 50	1°28'16	25°19	18°12	15°51	29°20	29°28	22°40	27° 3	25°31	18° 9	13°54	13°22	8°26	0°53	T 22
F 23	14 2 46	2°26'35	8♌26	19°54	16°45	0♓ 5	29°22	22°37	27° 2	25°29	18°10	13°54	13°19	8°33	0°57	F 23
S 24	14 6 43	3°24'51	21°12	21°33	17°38	0°49	29°16	22°34	27° 2	25°28	18°12	13°54	13°16	8°40	1° 0	S 24
S 25	14 10 40	4°23'06	3♍40	23° 8	18°32	1°34	29°10	22°31	27° 1	25°26	18°13	13°52	13°13	8°46	1° 3	S 25
M26	14 14 36	5°21'18	15°55	24°39	19°27	2°19	29° 4	22°28	27° 1	25°25	18°14	13°49	13°10	8°53	1° 6	M26
T 27	14 18 33	6°19'29	28° 0	26° 6	20°22	3° 4	28°57	22°25	27° 0	25°23	18°16	13°43	13° 7	9° 0	1° 9	T 27
W28	14 22 29	7°17'37	9♎59	27°29	21°18	3°48	28°51	22°22	27° 0	25°21	18°17	13°34	13° 3	9° 7	1°12	W28
T 29	14 26 26	8°15'44	21°55	28°48	22°14	4°33	28°44	22°20	26°59	25°20	18°18	13°22	13° 0	9°13	1°16	T 29
F 30	14 30 22	9♑13'49	3♏48	0♊ 2	23♓11	5♓18	28♏37	22♍17	26♌59	25♎18	18♉20	13♌ 9	12♌57	9♏20	1♈19	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	4n20	1s12	4n16	0n56	1s29	8s12	3n25	17s56	1s13	19s22	1n 3	4n43	2n32	13n 7	0n47	8s24	1n49	3n26	14s16	16n 6	16n31	8s46	2n40	3n	3
F 2	4 43	5 15	4 45	1 50	1 22	8 10	3 14	17 43	1 13	19 21	1 3	4 44	2 32	13 7	0 47	8 23	1 49	3 26	14 16	16 9	16 32	8 48	2 41	3	3
S 3	5 6	9 5	5 1	2 45	1 14	8 7	3 4	17 31	1 14	19 21	1 3	4 46	2 32	13 8	0 47	8 22	1 49	3 27	14 16	16 12	16 33	8 50	2 43	3	3
S 4	5 29	12 33	5 4	3 41	1 6	8 3	2 54	17 18	1 15	19 20	1 3	4 48	2 32	13 8	0 47	8 22	1 49	3 27	14 15	16 15	16 34	8 52	2 44	3	3
M 5	5 52	15 32	4 53	4 37	0 58	7 59	2 44	17 6	1 16	19 19	1 3	4 49	2 32	13 9	0 47	8 21	1 49	3 27	14 15	16 18	16 35	8 54	2 46	3	3
T 6	6 15	17 52	4 30	5 33	0 48	7 54	2 35	16 53	1 17	19 19	1 4	4 51	2 32	13 9	0 47	8 21	1 49	3 28	14 15	16 20	16 36	8 56	2 47	3	3
W 7	6 37	19 27	3 55	6 30	0 39	7 48	2 25	16 40	1 18	19 18	1 4	4 53	2 32	13 10	0 47	8 20	1 49	3 28	14 15	16 22	16 37	8 58	2 48	3	3
T 8	7 0	20 10	3 9	7 27	0 29	7 42	2 16	16 27	1 18	19 17	1 4	4 54	2 32	13 10	0 47	8 19	1 49	3 29	14 15	16 22	16 38	9 0	2 50	3	3
F 9	7 22	19 55	2 13	8 24	0 19	7 35	2 6	16 13	1 19	19 16	1 4	4 56	2 31	13 11	0 47	8 19	1 49	3 29	14 15	16 23	16 38	9 3	2 51	3	3
S 10	7 45	18 38	1 8	9 21	0 8	7 28	1 57	16 0	1 20	19 15	1 4	4 57	2 31	13 11	0 47	8 18	1 49	3 30	14 14	16 23	16 39	9 5	2 53	3	3
S 11	8 7	16 19	0s 1	10 17	0n 2	7 20	1 48	15 46	1 21	19 14	1 4	4 59	2 31	13 12	0 47	8 18	1 49	3 30	14 14	16 22	16 40	9 7	2 54	3	3
M12	8 29	13 1	1 14	11 12	0 13	7 11	1 40	15 32	1 22	19 13	1 4	5 0	2 31	13 12	0 47	8 17	1 49	3 31	14 14	16 23	16 41	9 9	2 55	3	3
T 13	8 51	8 52	2 24	12 7	0 24	7 2	1 31	15 18	1 23	19 12	1 4	5 1	2 31	13 12	0 47	8 16	1 49	3 31	14 14	16 24	16 42	9 11	2 57	3	3
W14	9 13	4 4	3 26	13 1	0 35	6 52	1 23	15 4	1 23	19 11	1 4	5 3	2 31	13 13	0 47	8 16	1 49	3 32	14 14	16 25	16 43	9 13	2 58	3	3
T 15	9 34	1n 5	4 16	13 53	0 46	6 42	1 14	14 50	1 24	19 10	1 4	5 4	2 31	13 13	0 47	8 15	1 50	3 32	14 14	16 27	16 44	9 15	3 0	3	3
F 16	9 56	6 15	4 49	14 44	0 57	6 31	1 6	14 36	1 25	19 9	1 4	5 6	2 31	13 13	0 47	8 15	1 50	3 33	14 13	16 30	16 45	9 17	3 1	3	3
S 17	10 17	11 3	5 2	15 33	1 8	6 20	0 58	14 22	1 26	19 8	1 4	5 7	2 31	13 14	0 47	8 14	1 50	3 33	14 13	16 33	16 46	9 19	3 2	3	3
S 18	10 38	15 5	4 53	16 20	1 18	6 8	0 51	14 7	1 27	19 7	1 4	5 8	2 31	13 14	0 47	8 14	1 50	3 34	14 13	16 36	16 47	9 21	3 4	3	3
M19	10 59	18 4	4 24	17 5	1 28	5 56	0 43	13 52	1 27	19 6	1 4	5 9	2 30	13 14	0 47	8 13	1 50	3 34	14 13	16 38	16 48	9 23	3 5	3	3
T 20	11 20	19 49	3 39	17 48	1 37	5 43	0 36	13 38	1 28	19 4	1 4	5 11	2 30	13 14	0 47	8 12	1 50	3 34	14 13	16 40	16 49	9 25	3 6	3	3
W21	11 40	20 17	2 41	18 29	1 46	5 29	0 29	13 23	1 29	19 3	1 4	5 12	2 30	13 15	0 46	8 12	1 50	3 35	14 13	16 41	16 49	9 27	3 8	3	3
T 22	12 1	19 32	1 37	19 7	1 55	5 15	0 22	13 8	1 30	19 2	1 4	5 13	2 30	13 15	0 46	8 11	1 50	3 35	14 13	16 41	16 50	9 29	3 9	3	3
F 23	12 21	17 44	0 29	19 43	2 3	5 1	0 15	12 53	1 30	19 1	1 4	5 14	2 30	13 15	0 46	8 11	1 50	3 36	14 13	16 41	16 51	9 31	3 10	3	3
S 24	12 41	15 4	0n39	20 16	2 10	4 46	0 8	12 37	1 31	18 59	1 4	5 15	2 30	13 15	0 46	8 10	1 50	3 36	14 12	16 41	16 52	9 33	3 12	3	3
S 25	13 0	11 47	1 43	20 47	2 16	4 31	0 1	12 22	1 32	18 58	1 4	5 16	2 30	13 15	0 46	8 9	1 49	3 37	14 12	16 42	16 53	9 35	3 13	3	3
M26	13 20	8 2	2 41	21 15	2 22	4 16	0s 5	12 7	1 33	18 57	1 4	5 17	2 29	13 15	0 46	8 9	1 49	3 37	14 12	16 43	16 54	9 37	3 14	3	3
T 27	13 39	4 1	3 30	21 41	2 26	4 0	0 11	11 51	1 33	18 55	1 4	5 18	2 29	13 16	0 46	8 8	1 49	3 38	14 12	16 45	16 55	9 39	3 15	3	3
W28	13 58	0s 8	4 10	22 4	2 30	3 43	0 17	11 36	1 34	18 54	1 4	5 19	2 29	13 16	0 46	8 8	1 49	3 38	14 12	16 47	16 56	9 41	3 17	3	3
T 29	14 17	4 14	4 39	22 25	2 33	3 27	0 23	11 20	1 35	18 52	1 4	5 20	2 29	13 16	0 46	8 7	1 49	3 38	14 12	16 50	16 57	9 43	3 18	3	3
F 30	14n36	8s10	4n56	22n44	2n35	3s 9	0s29	11s 4	1s36	18s51	1n 4	5n21	2n29	13n16	0n46	8s 7	1n49	3n39	14s12	16n54	16n58	9s46	3n19	3n	3

Julian Day Number = 2315399.5, Delta T = 60.20 sec
Ecliptic obliquity = 23°29'10, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°32'16, Lahiri = 18°39'16Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1627
geocentric

MAY 1627 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 19	10♉11'53	15♏40	1♊12	24♓ 8	6♓ 3	28°R31	22°R15	26°R59	25°R17	18♉21	12°R54	12♌54	9♏27	1♈22	S 1
S 2	14 38 15	11° 9'54	27°34	2°18	25° 6	6°47	28♏24	22♍13	26♌59	25♎15	18°22	12♌41	12°51	9°34	1°25	S 2
M 3	14 42 12	12° 7'55	9♐30	3°19	26° 4	7°32	28°17	22°11	26°59	25°13	18°24	12°28	12°48	9°40	1°28	M 3
T 4	14 46 9	13° 5'53	21°30	4°15	27° 2	8°17	28°10	22° 8	26°59	25°12	18°25	12°18	12°44	9°47	1°31	T 4
W 5	14 50 5	14° 3'51	3♑36	5° 7	28° 1	9° 1	28° 3	22° 6	26°D59	25°10	18°26	12°11	12°41	9°54	1°34	W 5
T 6	14 54 2	15° 1'47	15°52	5°54	29° 0	9°46	27°55	22° 4	26°59	25° 9	18°28	12° 7	12°38	10° 0	1°36	T 6
F 7	14 57 58	15°59'41	28°21	6°36	29°59	10°31	27°48	22° 3	26°59	25° 7	18°29	12° 5	12°35	10° 7	1°39	F 7
S 8	15 1 55	16°57'35	11♒ 8	7°13	1♈ 0	11°15	27°41	22° 1	26°59	25° 6	18°30	12° 5	12°32	10°14	1°42	S 8
S 9	15 5 51	17°55'27	24°15	7°46	2° 0	12° 0	27°33	21°59	26°59	25° 4	18°32	12° 5	12°28	10°21	1°45	S 9
M10	15 9 48	18°53'17	7♓48	8°13	3° 0	12°44	27°26	21°58	26°59	25° 3	18°33	12° 4	12°25	10°27	1°48	M10
T 11	15 13 44	19°51'07	21°49	8°36	4° 1	13°29	27°18	21°56	27° 0	25° 1	18°34	12° 1	12°22	10°34	1°50	T 11
W12	15 17 41	20°48'55	6♈16	8°54	5° 2	14°13	27°11	21°55	27° 0	25° 0	18°36	11°56	12°19	10°41	1°53	W12
T 13	15 21 38	21°46'43	21° 9	9° 7	6° 4	14°58	27° 3	21°54	27° 0	24°59	18°37	11°48	12°16	10°48	1°56	T 13
F 14	15 25 34	22°44'29	6♉18	9°14	7° 6	15°42	26°56	21°52	27° 1	24°57	18°38	11°38	12°13	10°54	1°58	F 14
S 15	15 29 31	23°42'14	21°36	9°R18	8° 8	16°27	26°48	21°51	27° 1	24°56	18°40	11°28	12° 9	11° 1	2° 1	S 15
S 16	15 33 27	24°39'57	6♊51	9°16	9°10	17°11	26°40	21°50	27° 2	24°54	18°41	11°17	12° 6	11° 8	2° 3	S 16
M17	15 37 24	25°37'39	21°51	9°10	10°12	17°55	26°33	21°50	27° 2	24°53	18°43	11° 9	12° 3	11°14	2° 6	M17
T 18	15 41 20	26°35'20	6♋28	8°59	11°15	18°40	26°25	21°49	27° 3	24°52	18°44	11° 3	12° 0	11°21	2° 8	T 18
W19	15 45 17	27°32'59	20°37	8°44	12°18	19°24	26°18	21°48	27° 4	24°50	18°45	10°59	11°57	11°28	2°11	W19
T 20	15 49 13	28°30'37	4♌17	8°26	13°21	20° 8	26°10	21°48	27° 5	24°49	18°47	10°58	11°53	11°35	2°13	T 20
F 21	15 53 10	29°28'13	17°30	8° 3	14°25	20°52	26° 2	21°47	27° 6	24°48	18°48	10°D57	11°50	11°41	2°16	F 21
S 22	15 57 7	0♊25'48	0♍18	7°38	15°28	21°36	25°55	21°47	27° 6	24°46	18°49	10°R58	11°47	11°48	2°18	S 22
S 23	16 1 3	1°23'21	12°46	7°10	16°32	22°20	25°47	21°47	27° 7	24°45	18°51	10°57	11°44	11°55	2°20	S 23
M24	16 5 0	2°20'53	24°58	6°40	17°36	23° 4	25°39	21°47	27° 8	24°44	18°52	10°55	11°41	12° 1	2°22	M24
T 25	16 8 56	3°18'24	7♎ 0	6° 8	18°41	23°48	25°32	21°D47	27° 9	24°43	18°53	10°50	11°38	12° 8	2°24	T 25
W26	16 12 53	4°15'53	18°55	5°35	19°45	24°32	25°24	21°47	27°11	24°42	18°55	10°43	11°34	12°15	2°27	W26
T 27	16 16 49	5°13'21	0♏48	5° 1	20°50	25°16	25°17	21°47	27°12	24°40	18°56	10°33	11°31	12°22	2°29	T 27
F 28	16 20 46	6°10'47	12°40	4°28	21°55	26° 0	25°10	21°47	27°13	24°39	18°57	10°22	11°28	12°28	2°31	F 28
S 29	16 24 42	7° 8'13	24°34	3°55	23° 0	26°44	25° 2	21°47	27°14	24°38	18°58	10°11	11°25	12°35	2°33	S 29
S 30	16 28 39	8° 5'38	6♐31	3°23	24° 5	27°28	24°55	21°48	27°15	24°37	19° 0	9°59	11°22	12°42	2°35	S 30
M31	16 32 36	9♊ 3'02	18♐33	2♊53	25♈10	28♓11	24♏48	21♍49	27♌17	24♎36	19♉ 1	9♌49	11♌19	12♏49	2♈37	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	14n54	11s47	4n59	22n59	2n36	2s52	0s35	10s48	1s36	18s49	1n 4	5n21	2n29	13n16	0n46	8s 6	1n49	3n39	14s12	16n58	16n58	9s48	3n21	3n 3	S 1
S 2	15 12	14 57	4 50	23 13	2 37	2 34	0 40	10 32	1 37	18 48	1 4	5 22	2 29	13 16	0 46	8 5	1 49	3 40	14 12	17 2	16 59	9 50	3 22	3 3	S 2
M 3	15 30	17 31	4 27	23 24	2 36	2 16	0 46	10 16	1 38	18 46	1 4	5 23	2 28	13 16	0 46	8 5	1 49	3 40	14 12	17 6	17 0	9 52	3 23	3 3	M 3
T 4	15 48	19 20	3 53	23 33	2 34	1 57	0 51	10 0	1 39	18 45	1 4	5 24	2 28	13 16	0 46	8 4	1 49	3 40	14 12	17 8	17 1	9 54	3 24	3 3	T 4
W 5	16 5	20 18	3 8	23 40	2 31	1 38	0 56	9 44	1 39	18 43	1 4	5 24	2 28	13 16	0 46	8 4	1 49	3 41	14 12	17 10	17 2	9 56	3 25	3 3	W 5
T 6	16 23	20 20	2 14	23 45	2 27	1 19	1 1	9 28	1 40	18 42	1 4	5 25	2 28	13 16	0 46	8 3	1 49	3 41	14 12	17 12	17 3	9 58	3 27	3 3	T 6
F 7	16 39	19 21	1 12	23 47	2 22	1 0	1 5	9 12	1 41	18 40	1 4	5 25	2 28	13 16	0 46	8 3	1 49	3 42	14 12	17 12	17 4	10 0	3 28	3 3	F 7
S 8	16 56	17 23	0 5	23 48	2 16	0 40	1 10	8 55	1 41	18 39	1 4	5 26	2 27	13 16	0 46	8 2	1 49	3 42	14 11	17 12	17 5	10 2	3 29	3 3	S 8
S 9	17 12	14 28	1s 4	23 46	2 9	0 20	1 14	8 39	1 42	18 37	1 4	5 26	2 27	13 16	0 46	8 2	1 49	3 42	14 11	17 12	17 6	10 4	3 30	3 3	S 9
M10	17 28	10 41	2 12	23 43	2 1	0 0	1 18	8 22	1 43	18 35	1 4	5 27	2 27	13 15	0 46	8 1	1 49	3 43	14 11	17 13	17 7	10 6	3 31	3 4	M10
T 11	17 44	6 13	3 13	23 38	1 52	0n20	1 22	8 6	1 43	18 34	1 4	5 27	2 27	13 15	0 46	8 1	1 49	3 43	14 11	17 13	17 7	10 8	3 32	3 4	T 11
W12	18 0	1 15	4 5	23 30	1 42	0 41	1 26	7 49	1 44	18 32	1 4	5 28	2 27	13 15	0 46	8 0	1 49	3 44	14 11	17 15	17 8	10 10	3 34	3 4	W12
T 13	18 15	3n55	4 42	23 21	1 31	1 2	1 30	7 33	1 45	18 30	1 4	5 28	2 27	13 15	0 46	8 0	1 49	3 44	14 11	17 17	17 9	10 12	3 35	3 4	T 13
F 14	18 30	8 56	5 0	23 10	1 19	1 23	1 34	7 16	1 45	18 29	1 4	5 28	2 26	13 15	0 46	7 59	1 49	3 44	14 11	17 20	17 10	10 14	3 36	3 4	F 14
S 15	18 44	13 26	4 56	22 58	1 6	1 44	1 37	6 59	1 46	18 27	1 3	5 28	2 26	13 14	0 46	7 59	1 49	3 45	14 11	17 23	17 11	10 16	3 37	3 4	S 15
S 16	18 58	17 2	4 32	22 44	0 52	2 6	1 41	6 43	1 47	18 25	1 3	5 29	2 26	13 14	0 46	7 58	1 49	3 45	14 11	17 25	17 12	10 18	3 38	3 4	S 16
M17	19 12	19 26	3 49	22 28	0 37	2 27	1 44	6 26	1 47	18 24	1 3	5 29	2 26	13 14	0 45	7 58	1 49	3 45	14 11	17 28	17 13	10 20	3 39	3 4	M17
T 18	19 26	20 28	2 52	22 12	0 21	2 49	1 47	6 9	1 48	18 22	1 3	5 29	2 26	13 14	0 45	7 57	1 49	3 46	14 11	17 30	17 14	10 22	3 40	3 4	T 18
W19	19 39	20 10	1 46	21 53	0 5	3 11	1 50	5 52	1 49	18 20	1 3	5 29	2 25	13 13	0 45	7 57	1 49	3 46	14 11	17 31	17 15	10 24	3 41	3 4	W19
T 20	19 52	18 39	0 35	21 34	0s11	3 33	1 53	5 35	1 49	18 19	1 3	5 29	2 25	13 13	0 45	7 56	1 49	3 46	14 11	17 31	17 15	10 26	3 42	3 4	T 20
F 21	20 5	16 10	0n35	21 14	0 29	3 55	1 55	5 18	1 50	18 17	1 3	5 29	2 25	13 13	0 45	7 56	1 49	3 47	14 11	17 31	17 16	10 28	3 43	3 4	F 21
S 22	20 17	12 58	1 41	20 52	0 46	4 17	1 58	5 2	1 50	18 15	1 3	5 29	2 25	13 12	0 45	7 55	1 49	3 47	14 11	17 31	17 17	10 30	3 44	3 4	S 22
S 23	20 29	9 15	2 40	20 30	1 3	4 40	2 0	4 45	1 51	18 14	1 3	5 29	2 25	13 12	0 45	7 55	1 49	3 47	14 11	17 31	17 18	10 32	3 45	3 4	S 23
M24	20 40	5 14	3 31	20 8	1 21	5 2	2 3	4 28	1 52	18 12	1 2	5 29	2 24	13 12	0 45	7 55	1 49	3 48	14 12	17 32	17 19	10 34	3 46	3 4	M24
T 25	20 51	1 4	4 12	19 46	1 38	5 25	2 5	4 11	1 52	18 10	1 2	5 28	2 24	13 11	0 45	7 54	1 49	3 48	14 12	17 33	17 20	10 36	3 47	3 5	T 25
W26	21 2	3s 5	4 41	19 23	1 55	5 47	2 7	3 54	1 53	18 9	1 2	5 28	2 24	13 11	0 45	7 54	1 49	3 48	14 12	17 35	17 21	10 38	3 48	3 5	W26
T 27	21 13	7 7	4 58	19 1	2 11	6 10	2 9	3 37	1 53	18 7	1 2	5 28	2 24	13 10	0 45	7 53	1 49	3 48	14 12	17 37	17 22	10 40	3 49	3 5	T 27
F 28	21 23	10 52	5 2	18 40	2 27	6 32	2 10	3 20	1 54	18 5	1 2	5 28	2 23	13 10	0 45	7 53	1 49	3 49	14 12	17 40	17 23	10 42	3 50	3 5	F 28
S 29	21 33	14 12	4 53	18 19	2 42	6 55	2 12	3 3	1 54	18 4	1 2	5 27	2 23	13 10	0 45	7 53	1 49	3 49	14 12	17 44	17 23	10 44	3 50	3 5	S 29
S 30	21 42	16 59	4 31	17 59	2 56	7 17	2 13	2 46	1 55	18 2	1 2	5 27	2 23	13 9	0 45	7 52	1 49	3 49	14 12	17 47	17 24	10 46	3 51	3 5	S 30
M31	21n51	19s 3	3n57	17n41	3s 9	7n40	2s15	2s29	1s55	18s 1	1n 1	5n26	2n23	13n 9	0n45	7s52	1n49	3n49	14s12	17n49	17n25	10s48	3n52	3n 5	M31

Julian Day Number = 2315429.5, Delta T = 60.13 sec
Ecliptic obliquity = 23°29'10, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°32'20, Lahiri = 18°39'20Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1627
geocentric

JUNE 1627 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 32	10♊ 0'25	0♋42	2°R25	26♈16	28♓55	24°R41	21♍49	27♌18	24°R35	19♉ 2	9°R41	11♌15	12♏55	2♈38	T 1
W 2	16 40 29	10°57'47	12°58	1♊59	27°22	29°38	24♏33	21°50	27°20	24♎34	19° 4	9♌35	11°12	13° 2	2°40	W 2
T 3	16 44 25	11°55'08	25°24	1°37	28°27	0♈22	24°26	21°51	27°21	24°33	19° 5	9°32	11° 9	13° 9	2°42	T 3
F 4	16 48 22	12°52'29	8♒ 2	1°19	29°33	1° 5	24°19	21°52	27°23	24°32	19° 6	9°D31	11° 6	13°15	2°44	F 4
S 5	16 52 18	13°49'49	20°54	1° 4	0♉40	1°49	24°13	21°53	27°24	24°31	19° 7	9°31	11° 3	13°22	2°45	S 5
S 6	16 56 15	14°47'09	4♓ 4	0°53	1°46	2°32	24° 6	21°54	27°26	24°30	19° 9	9°32	10°59	13°29	2°47	S 6
M 7	17 0 11	15°44'28	17°35	0°46	2°52	3°15	23°59	21°55	27°28	24°29	19°10	9°R33	10°56	13°36	2°49	M 7
T 8	17 4 8	16°41'47	1♈28	0°D44	3°59	3°59	23°53	21°57	27°29	24°28	19°11	9°32	10°53	13°42	2°50	T 8
W 9	17 8 5	17°39'05	15°44	0°46	5° 6	4°42	23°46	21°58	27°31	24°28	19°12	9°29	10°50	13°49	2°52	W 9
T 10	17 12 1	18°36'23	0♉20	0°52	6°13	5°25	23°40	22° 0	27°33	24°27	19°14	9°24	10°47	13°56	2°53	T 10
F 11	17 15 58	19°33'41	15°13	1° 4	7°20	6° 8	23°33	22° 2	27°35	24°26	19°15	9°18	10°44	14° 3	2°54	F 11
S 12	17 19 54	20°30'59	0♊15	1°20	8°27	6°51	23°27	22° 3	27°37	24°25	19°16	9°10	10°40	14° 9	2°56	S 12
S 13	17 23 51	21°28'16	15°17	1°40	9°34	7°34	23°21	22° 5	27°39	24°24	19°17	9° 3	10°37	14°16	2°57	S 13
M14	17 27 47	22°25'32	0♋ 8	2° 5	10°42	8°17	23°15	22° 7	27°41	24°24	19°18	8°57	10°34	14°23	2°58	M14
T 15	17 31 44	23°22'49	14°43	2°34	11°49	8°59	23°10	22° 9	27°43	24°23	19°19	8°53	10°31	14°29	2°59	T 15
W16	17 35 40	24°20'04	28°53	3° 8	12°57	9°42	23° 4	22°12	27°45	24°22	19°21	8°51	10°28	14°36	3° 1	W16
T 17	17 39 37	25°17'19	12♌36	3°47	14° 5	10°24	22°58	22°14	27°47	24°22	19°22	8°D51	10°25	14°43	3° 2	T 17
F 18	17 43 34	26°14'33	25°53	4°29	15°12	11° 7	22°53	22°16	27°49	24°21	19°23	8°52	10°21	14°50	3° 3	F 18
S 19	17 47 30	27°11'47	8♍46	5°16	16°20	11°49	22°48	22°19	27°51	24°21	19°24	8°53	10°18	14°56	3° 4	S 19
S 20	17 51 27	28° 9'00	21°17	6° 7	17°28	12°31	22°43	22°21	27°54	24°20	19°25	8°54	10°15	15° 3	3° 5	S 20
M21	17 55 23	29° 6'12	3♎32	7° 3	18°37	13°14	22°38	22°24	27°56	24°20	19°26	8°R54	10°12	15°10	3° 5	M21
T 22	17 59 20	0♋ 3'24	15°35	8° 2	19°45	13°56	22°33	22°27	27°58	24°19	19°27	8°53	10° 9	15°16	3° 6	T 22
W23	18 3 16	1° 0'35	27°30	9° 5	20°53	14°38	22°28	22°29	28° 1	24°19	19°28	8°50	10° 5	15°23	3° 7	W23
T 24	18 7 13	1°57'46	9♏22	10°13	22° 2	15°20	22°24	22°32	28° 3	24°18	19°29	8°45	10° 2	15°30	3° 8	T 24
F 25	18 11 9	2°54'57	21°15	11°24	23°10	16° 1	22°20	22°35	28° 6	24°18	19°30	8°40	9°59	15°37	3° 8	F 25
S 26	18 15 6	3°52'07	3♐12	12°39	24°19	16°43	22°15	22°38	28° 8	24°18	19°31	8°34	9°56	15°43	3° 9	S 26
S 27	18 19 3	4°49'18	15°15	13°58	25°28	17°25	22°11	22°42	28°11	24°17	19°32	8°28	9°53	15°50	3° 9	S 27
M28	18 22 59	5°46'28	27°27	15°21	26°36	18° 6	22° 7	22°45	28°13	24°17	19°33	8°23	9°50	15°57	3°10	M28
T 29	18 26 56	6°43'38	9♑47	16°47	27°45	18°48	22° 4	22°48	28°16	24°17	19°34	8°19	9°46	16° 4	3°10	T 29
W30	18 30 52	7♋40'48	22♑18	18♊17	28♉54	19♈29	22♏ 0	22♍52	28♌19	24♎17	19♉35	8♌16	9♌43	16♏10	3♈11	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	22n 0	20s17	3n12	17n23	3s21	8n 3	2s16	2s12	1s56	17s59	1n 1	5n26	2n23	13n 8	0n45	7s52	1n49	3n50	14s12	17n52	17n26	10s50	3n53	3n 5
W 2	22 8	20 35	2 17	17 8	3 32	8 25	2 17	1 55	1 56	17 57	1 1	5 26	2 22	13 8	0 45	7 51	1 49	3 50	14 12	17 53	17 27	10 52	3 54	3 5
T 3	22 16	19 52	1 15	16 54	3 42	8 48	2 18	1 38	1 57	17 56	1 1	5 25	2 22	13 7	0 45	7 51	1 48	3 50	14 12	17 54	17 28	10 54	3 55	3 5
F 4	22 23	18 10	0 8	16 42	3 50	9 10	2 19	1 22	1 57	17 54	1 1	5 24	2 22	13 6	0 45	7 51	1 48	3 50	14 12	17 54	17 29	10 56	3 55	3 5
S 5	22 30	15 31	1s 1	16 33	3 57	9 32	2 20	1 5	1 58	17 53	1 1	5 24	2 22	13 6	0 45	7 50	1 48	3 51	14 12	17 54	17 29	10 58	3 56	3 6
S 6	22 37	12 1	2 8	16 25	4 3	9 55	2 21	0 48	1 58	17 51	1 0	5 23	2 22	13 5	0 45	7 50	1 48	3 51	14 12	17 54	17 30	11 1	3 57	3 6
M 7	22 43	7 49	3 10	16 19	4 7	10 17	2 21	0 31	1 59	17 50	1 0	5 22	2 21	13 5	0 45	7 50	1 48	3 51	14 12	17 54	17 31	11 3	3 58	3 6
T 8	22 49	3 7	4 2	16 16	4 10	10 39	2 21	0 14	1 59	17 48	1 0	5 22	2 21	13 4	0 45	7 49	1 48	3 51	14 13	17 54	17 32	11 5	3 58	3 6
W 9	22 55	1n53	4 41	16 14	4 12	11 1	2 22	0n 2	2 0	17 47	1 0	5 21	2 21	13 3	0 45	7 49	1 48	3 52	14 13	17 55	17 33	11 7	3 59	3 6
T 10	23 0	6 53	5 3	16 15	4 13	11 23	2 22	0 19	2 0	17 46	1 0	5 20	2 21	13 3	0 45	7 49	1 48	3 52	14 13	17 56	17 34	11 9	4 0	3 6
F 11	23 4	11 34	5 5	16 17	4 13	11 45	2 22	0 36	2 0	17 44	1 0	5 19	2 21	13 2	0 45	7 49	1 48	3 52	14 13	17 58	17 35	11 11	4 0	3 6
S 12	23 9	15 34	4 47	16 22	4 11	12 6	2 22	0 52	2 1	17 43	0 59	5 18	2 20	13 1	0 44	7 48	1 48	3 52	14 13	18 0	17 36	11 13	4 1	3 6
S 13	23 13	18 34	4 8	16 29	4 9	12 28	2 22	1 9	2 1	17 42	0 59	5 17	2 20	13 1	0 44	7 48	1 48	3 52	14 13	18 2	17 36	11 15	4 1	3 6
M14	23 16	20 16	3 13	16 37	4 5	12 49	2 22	1 26	2 2	17 40	0 59	5 16	2 20	13 0	0 44	7 48	1 48	3 52	14 13	18 3	17 37	11 17	4 2	3 6
T 15	23 19	20 34	2 7	16 47	4 1	13 10	2 21	1 42	2 2	17 39	0 59	5 15	2 20	12 59	0 44	7 48	1 48	3 53	14 13	18 4	17 38	11 19	4 3	3 7
W16	23 22	19 33	0 54	16 59	3 55	13 31	2 21	1 58	2 2	17 38	0 59	5 14	2 19	12 58	0 44	7 48	1 48	3 53	14 14	18 5	17 39	11 21	4 3	3 7
T 17	23 24	17 23	0n20	17 12	3 49	13 51	2 20	2 15	2 3	17 37	0 58	5 13	2 19	12 58	0 44	7 47	1 48	3 53	14 14	18 5	17 40	11 23	4 4	3 7
F 18	23 26	14 20	1 31	17 26	3 42	14 12	2 20	2 31	2 3	17 36	0 58	5 12	2 19	12 57	0 44	7 47	1 48	3 53	14 14	18 5	17 41	11 25	4 4	3 7
S 19	23 27	10 42	2 35	17 42	3 34	14 32	2 19	2 47	2 3	17 34	0 58	5 11	2 19	12 56	0 44	7 47	1 48	3 53	14 14	18 4	17 42	11 27	4 5	3 7
S 20	23 28	6 40	3 30	17 59	3 26	14 52	2 18	3 4	2 4	17 33	0 58	5 10	2 19	12 55	0 44	7 47	1 48	3 53	14 14	18 4	17 42	11 29	4 5	3 7
M21	23 29	2 28	4 13	18 17	3 17	15 12	2 17	3 20	2 4	17 32	0 58	5 8	2 18	12 54	0 44	7 47	1 48	3 53	14 14	18 4	17 43	11 31	4 5	3 7
T 22	23 29	1s45	4 45	18 36	3 7	15 31	2 16	3 36	2 4	17 31	0 57	5 7	2 18	12 53	0 44	7 47	1 48	3 54	14 14	18 4	17 44	11 33	4 6	3 7
W23	23 29	5 52	5 4	18 56	2 57	15 50	2 15	3 52	2 4	17 30	0 57	5 6	2 18	12 53	0 44	7 47	1 48	3 54	14 15	18 5	17 45	11 35	4 6	3 7
T 24	23 28	9 44	5 10	19 16	2 47	16 9	2 14	4 8	2 5	17 29	0 57	5 5	2 18	12 52	0 44	7 47	1 47	3 54	14 15	18 6	17 46	11 37	4 7	3 7
F 25	23 27	13 14	5 3	19 37	2 36	16 27	2 13	4 24	2 5	17 28	0 57	5 3	2 18	12 51	0 44	7 46	1 47	3 54	14 15	18 8	17 47	11 38	4 7	3 8
S 26	23 26	16 13	4 42	19 58	2 24	16 45	2 12	4 39	2 5	17 28	0 56	5 2	2 17	12 50	0 44	7 46	1 47	3 54	14 15	18 9	17 48	11 40	4 7	3 8
S 27	23 24	18 32	4 9	20 19	2 13	17 3	2 10	4 55	2 5	17 27	0 56	5 0	2 17	12 49	0 44	7 46	1 47	3 54	14 15	18 11	17 48	11 42	4 8	3 8
M28	23 22	20 3	3 24	20 41	2 1	17 21	2 9	5 11	2 6	17 26	0 56	4 59	2 17	12 48	0 44	7 46	1 47	3 54	14 15	18 12	17 49	11 44	4 8	3 8
T 29	23 19	20 39	2 29	21 2	1 48	17 38	2 7	5 26	2 6	17 25	0 56	4 57	2 17	12 47	0 44	7 46	1 47	3 54	14 16	18 13	17 50	11 46	4 8	3 8
W30	23n16	20s13	1n26	21n22	1s36	17n55	2s 6	5n42	2s 6	17s25	0n55	4n56	2n17	12n46	0n44	7s46	1n47	3n54	14s16	18n14	17n51	11s48	4n 9	3n 8

Julian Day Number = 2315460.5, Delta T = 60.06 sec
Ecliptic obliquity = 23°29'09, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°32'24, Lahiri = 18°39'25Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1627
geocentric

JULY 1627 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 34 49	8♋37'58	5♒ 1	19♊51	0♊ 3	20♈10	21°R57	22♍55	28♌21	24°R17	19♉36	8°D15	9♌40	16♏17	3♈11	T 1
F 2	18 38 45	9°35'08	17°56	21°28	1°13	20°51	21♏54	22°59	28°24	24♎16	19°37	8♌15	9°37	16°24	3°11	F 2
S 3	18 42 42	10°32'19	1♓ 4	23° 9	2°22	21°32	21°51	23° 3	28°27	24°16	19°38	8°16	9°34	16°30	3°12	S 3
S 4	18 46 39	11°29'30	14°26	24°52	3°31	22°13	21°48	23° 6	28°30	24°16	19°39	8°18	9°31	16°37	3°12	S 4
M 5	18 50 35	12°26'41	28° 3	26°40	4°41	22°54	21°45	23°10	28°33	24°16	19°40	8°19	9°27	16°44	3°12	M 5
T 6	18 54 32	13°23'53	11♈56	28°30	5°50	23°34	21°43	23°14	28°36	24°D16	19°41	8°R20	9°24	16°51	3°12	T 6
W 7	18 58 28	14°21'05	26° 5	0♋23	7° 0	24°15	21°40	23°18	28°38	24°16	19°42	8°19	9°21	16°57	3°R12	W 7
T 8	19 2 25	15°18'18	10♉27	2°19	8°10	24°55	21°38	23°22	28°41	24°16	19°43	8°18	9°18	17° 4	3°12	T 8
F 9	19 6 21	16°15'31	24°59	4°17	9°19	25°36	21°36	23°27	28°44	24°16	19°43	8°16	9°15	17°11	3°12	F 9
S 10	19 10 18	17°12'46	9♊37	6°18	10°29	26°16	21°34	23°31	28°47	24°16	19°44	8°13	9°11	17°18	3°12	S 10
S 11	19 14 14	18°10'00	24°14	8°21	11°39	26°56	21°33	23°35	28°50	24°16	19°45	8°10	9° 8	17°24	3°11	S 11
M12	19 18 11	19° 7'16	8♋45	10°25	12°49	27°35	21°31	23°40	28°53	24°17	19°46	8° 8	9° 5	17°31	3°11	M12
T 13	19 22 8	20° 4'31	23° 2	12°30	13°59	28°15	21°30	23°44	28°57	24°17	19°47	8° 7	9° 2	17°38	3°11	T 13
W14	19 26 4	21° 1'48	7♌ 1	14°37	15°10	28°55	21°29	23°49	29° 0	24°17	19°47	8°D 6	8°59	17°44	3°11	W14
T 15	19 30 1	21°59'04	20°39	16°44	16°20	29°34	21°28	23°53	29° 3	24°17	19°48	8° 7	8°56	17°51	3°10	T 15
F 16	19 33 57	22°56'21	3♍55	18°52	17°30	0♉13	21°28	23°58	29° 6	24°18	19°49	8° 8	8°52	17°58	3°10	F 16
S 17	19 37 54	23°53'38	16°48	21° 0	18°41	0°52	21°27	24° 3	29° 9	24°18	19°49	8° 9	8°49	18° 5	3° 9	S 17
S 18	19 41 50	24°50'56	29°22	23° 8	19°51	1°31	21°27	24° 8	29°13	24°18	19°50	8°10	8°46	18°11	3° 9	S 18
M19	19 45 47	25°48'13	11♎39	25°15	21° 2	2°10	21°D27	24°13	29°16	24°19	19°51	8°11	8°43	18°18	3° 8	M19
T 20	19 49 43	26°45'32	23°44	27°22	22°12	2°49	21°27	24°18	29°19	24°19	19°51	8°R11	8°40	18°25	3° 7	T 20
W21	19 53 40	27°42'50	5♏40	29°28	23°23	3°27	21°27	24°23	29°22	24°20	19°52	8°11	8°37	18°31	3° 6	W21
T 22	19 57 37	28°40'10	17°34	1♌32	24°34	4° 5	21°27	24°28	29°26	24°20	19°53	8°10	8°33	18°38	3° 6	T 22
F 23	20 1 33	29°37'29	29°28	3°36	25°44	4°43	21°28	24°33	29°29	24°21	19°53	8°10	8°30	18°45	3° 5	F 23
S 24	20 5 30	0♌34'50	11♐27	5°39	26°55	5°21	21°29	24°39	29°32	24°21	19°54	8° 9	8°27	18°52	3° 4	S 24
S 25	20 9 26	1°32'10	23°36	7°40	28° 6	5°59	21°30	24°44	29°36	24°22	19°54	8° 8	8°24	18°58	3° 3	S 25
M26	20 13 23	2°29'32	5♑55	9°40	29°17	6°37	21°31	24°49	29°39	24°22	19°55	8° 7	8°21	19° 5	3° 2	M26
T 27	20 17 19	3°26'54	18°28	11°38	0♋28	7°14	21°32	24°55	29°43	24°23	19°55	8° 6	8°17	19°12	3° 1	T 27
W28	20 21 16	4°24'17	1♒16	13°35	1°40	7°51	21°34	25° 0	29°46	24°24	19°56	8° 6	8°14	19°19	3° 0	W28
T 29	20 25 12	5°21'41	14°19	15°30	2°51	8°28	21°35	25° 6	29°50	24°24	19°56	8°D 6	8°11	19°25	2°59	T 29
F 30	20 29 9	6°19'06	27°37	17°23	4° 2	9° 5	21°37	25°12	29°53	24°25	19°57	8° 6	8° 8	19°32	2°58	F 30
S 31	20 33 6	7♌16'32	11♓ 9	19♌15	5♋13	9♉42	21♏39	25♍17	29♌57	24♎26	19♉57	8♌ 6	8♌ 5	19♏39	2♈56	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n12	18s46	0n18	21n43	1s24	18n11	2s 4	5n57	2s 6	17s24	0n55	4n54	2n17	12n45	0n44	7s46	1n47	3n54	14s16	18n14	17n52	11s50	4n 9	3n 8	T 1
F 2	23 8	16 20	0s53	22 2	1 11	18 27	2 2	6 12	2 6	17 23	0 55	4 53	2 16	12 44	0 44	7 46	1 47	3 54	14 16	18 14	17 53	11 52	4 9	3 8	F 2
S 3	23 4	13 1	2 2	22 20	0 58	18 43	2 0	6 27	2 7	17 23	0 55	4 51	2 16	12 43	0 44	7 46	1 47	3 54	14 16	18 14	17 54	11 54	4 9	3 8	S 3
S 4	22 59	8 59	3 6	22 38	0 46	18 58	1 58	6 42	2 7	17 22	0 55	4 49	2 16	12 42	0 44	7 46	1 47	3 54	14 17	18 14	17 54	11 56	4 9	3 9	S 4
M 5	22 54	4 27	4 0	22 53	0 33	19 12	1 56	6 57	2 7	17 22	0 54	4 48	2 16	12 41	0 44	7 46	1 47	3 55	14 17	18 13	17 55	11 58	4 9	3 9	M 5
T 6	22 49	0n24	4 42	23 8	0 21	19 27	1 54	7 12	2 7	17 22	0 54	4 46	2 16	12 40	0 44	7 46	1 47	3 55	14 17	18 13	17 56	12 0	4 10	3 9	T 6
W 7	22 43	5 19	5 7	23 20	0 9	19 41	1 52	7 27	2 7	17 21	0 54	4 44	2 15	12 39	0 44	7 46	1 47	3 55	14 17	18 13	17 57	12 2	4 10	3 9	W 7
T 8	22 36	10 0	5 14	23 31	0n 3	19 54	1 50	7 42	2 7	17 21	0 54	4 42	2 15	12 38	0 44	7 46	1 47	3 55	14 17	18 14	17 58	12 4	4 10	3 9	T 8
F 9	22 30	14 11	5 1	23 39	0 14	20 7	1 48	7 56	2 7	17 21	0 53	4 40	2 15	12 37	0 44	7 47	1 47	3 55	14 18	18 14	17 59	12 6	4 10	3 9	F 9
S 10	22 23	17 30	4 29	23 45	0 25	20 19	1 46	8 11	2 7	17 20	0 53	4 39	2 15	12 36	0 44	7 47	1 47	3 55	14 18	18 15	17 59	12 8	4 10	3 9	S 10
S 11	22 15	19 43	3 39	23 49	0 36	20 31	1 43	8 25	2 7	17 20	0 53	4 37	2 15	12 35	0 44	7 47	1 47	3 55	14 18	18 15	18 0	12 10	4 10	3 9	S 11
M12	22 7	20 37	2 35	23 50	0 45	20 43	1 41	8 39	2 7	17 20	0 53	4 35	2 15	12 34	0 44	7 47	1 46	3 55	14 18	18 16	18 1	12 12	4 10	3 9	M12
T 13	21 59	20 10	1 22	23 48	0 55	20 54	1 38	8 53	2 7	17 20	0 52	4 33	2 14	12 33	0 44	7 47	1 46	3 54	14 19	18 16	18 2	12 14	4 10	3 9	T 13
W14	21 50	18 27	0 6	23 44	1 3	21 4	1 36	9 7	2 7	17 20	0 52	4 31	2 14	12 32	0 44	7 47	1 46	3 54	14 19	18 17	18 3	12 16	4 10	3 10	W14
T 15	21 41	15 43	1n 9	23 36	1 11	21 14	1 33	9 21	2 7	17 20	0 52	4 29	2 14	12 30	0 44	7 47	1 46	3 54	14 19	18 16	18 4	12 18	4 10	3 10	T 15
F 16	21 32	12 14	2 18	23 27	1 18	21 23	1 31	9 35	2 7	17 20	0 52	4 27	2 14	12 29	0 44	7 47	1 46	3 54	14 19	18 16	18 5	12 20	4 10	3 10	F 16
S 17	21 22	8 15	3 18	23 14	1 24	21 32	1 28	9 49	2 7	17 20	0 51	4 25	2 14	12 28	0 44	7 48	1 46	3 54	14 20	18 16	18 5	12 22	4 10	3 10	S 17
S 18	21 12	4 2	4 7	22 59	1 30	21 40	1 26	10 2	2 7	17 20	0 51	4 23	2 14	12 27	0 43	7 48	1 46	3 54	14 20	18 16	18 6	12 24	4 9	3 10	S 18
M19	21 2	0s16	4 43	22 41	1 35	21 48	1 23	10 16	2 7	17 20	0 51	4 21	2 13	12 26	0 43	7 48	1 46	3 54	14 20	18 15	18 7	12 26	4 9	3 10	M19
T 20	20 51	4 29	5 6	22 20	1 39	21 55	1 20	10 29	2 7	17 21	0 51	4 18	2 13	12 25	0 43	7 48	1 46	3 54	14 20	18 15	18 8	12 28	4 9	3 10	T 20
W21	20 40	8 28	5 16	21 58	1 42	22 2	1 17	10 42	2 7	17 21	0 50	4 16	2 13	12 24	0 43	7 48	1 46	3 54	14 20	18 15	18 9	12 30	4 9	3 10	W21
T 22	20 28	12 6	5 12	21 33	1 44	22 8	1 15	10 55	2 7	17 21	0 50	4 14	2 13	12 22	0 43	7 49	1 46	3 54	14 21	18 15	18 10	12 32	4 9	3 10	T 22
F 23	20 16	15 16	4 55	21 6	1 46	22 13	1 12	11 8	2 7	17 22	0 50	4 12	2 13	12 21	0 43	7 49	1 46	3 54	14 21	18 16	18 10	12 34	4 8	3 10	F 23
S 24	20 4	17 50	4 25	20 37	1 47	22 18	1 9	11 21	2 7	17 22	0 50	4 10	2 13	12 20	0 43	7 49	1 46	3 54	14 21	18 16	18 11	12 36	4 8	3 11	S 24
S 25	19 51	19 38	3 42	20 7	1 47	22 22	1 6	11 33	2 6	17 23	0 49	4 7	2 13	12 19	0 43	7 49	1 46	3 54	14 21	18 16	18 12	12 38	4 8	3 11	S 25
M26	19 39	20 32	2 49	19 35	1 47	22 26	1 3	11 46	2 6	17 23	0 49	4 5	2 12	12 17	0 43	7 50	1 46	3 54	14 22	18 16	18 13	12 40	4 7	3 11	M26
T 27	19 25	20 27	1 47	19 2	1 46	22 29	1 0	11 58	2 6	17 24	0 49	4 3	2 12	12 16	0 43	7 50	1 46	3 53	14 22	18 17	18 14	12 42	4 7	3 11	T 27
W28	19 12	19 18	0 38	18 27	1 44	22 31	0 57	12 10	2 6	17 24	0 49	4 1	2 12	12 15	0 43	7 50	1 46	3 53	14 22	18 17	18 14	12 43	4 7	3 11	W28
T 29	18 58	17 7	0s34	17 51	1 42	22 33	0 55	12 22	2 6	17 25	0 48	3 58	2 12	12 14	0 43	7 51	1 46	3 53	14 22	18 17	18 15	12 45	4 6	3 11	T 29
F 30	18 44	13 59	1 46	17 14	1 40	22 34	0 52	12 34	2 5	17 26	0 48	3 56	2 12	12 13	0 43	7 51	1 45	3 53	14 23	18 17	18 16	12 47	4 6	3 11	F 30
S 31	18n29	10s 4	2s53	16n36	1n36	22n34	0s49	12n46	2s 5	17s27	0n48	3n53	2n12	12n11	0n43	7s51	1n45	3n53	14s23	18n17	18n17	12s49	4n 6	3n11	S 31

Julian Day Number = 2315490.5, Delta T = 60.00 sec
Ecliptic obliquity = 23°29'09, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°32'28, Lahiri = 18°39'29Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1627
geocentric

AUGUST 1627 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 2	8♌13'59	24♓53	21♌ 6	6♋25	10♉18	21♏41	25♍23	0♍ 0	24♎27	19♉58	8°R 6	8♌ 2	19♏45	2°R55	S 1
M 2	20 40 59	9°11'28	8♈48	22°55	7°36	10°55	21°44	25°29	0° 4	24°28	19°58	8♌ 6	7°58	19°52	2♈54	M 2
T 3	20 44 55	10° 8'57	22°51	24°42	8°48	11°31	21°46	25°35	0° 7	24°28	19°58	8° 6	7°55	19°59	2°52	T 3
W 4	20 48 52	11° 6'29	7♉ 1	26°28	10° 0	12° 6	21°49	25°41	0°11	24°29	19°59	8°D 6	7°52	20° 6	2°51	W 4
T 5	20 52 48	12° 4'01	21°16	28°12	11°11	12°42	21°52	25°47	0°15	24°30	19°59	8° 6	7°49	20°12	2°49	T 5
F 6	20 56 45	13° 1'35	5♊32	29°55	12°23	13°17	21°55	25°53	0°18	24°31	19°59	8° 6	7°46	20°19	2°48	F 6
S 7	21 0 41	13°59'11	19°46	1♍36	13°35	13°53	21°58	25°59	0°22	24°32	20° 0	8° 7	7°43	20°26	2°46	S 7
S 8	21 4 38	14°56'48	3♋57	3°15	14°47	14°28	22° 2	26° 5	0°26	24°33	20° 0	8° 7	7°39	20°32	2°45	S 8
M 9	21 8 35	15°54'26	18° 0	4°54	15°59	15° 2	22° 5	26°11	0°29	24°34	20° 0	8° 8	7°36	20°39	2°43	M 9
T 10	21 12 31	16°52'06	1♌52	6°30	17°11	15°37	22° 9	26°18	0°33	24°35	20° 0	8°R 8	7°33	20°46	2°41	T 10
W11	21 16 28	17°49'47	15°31	8° 5	18°23	16°11	22°13	26°24	0°37	24°36	20° 1	8° 8	7°30	20°53	2°39	W11
T 12	21 20 24	18°47'30	28°53	9°39	19°35	16°45	22°17	26°30	0°40	24°38	20° 1	8° 8	7°27	20°59	2°38	T 12
F 13	21 24 21	19°45'14	11♍59	11°11	20°47	17°18	22°21	26°37	0°44	24°39	20° 1	8° 7	7°23	21° 6	2°36	F 13
S 14	21 28 17	20°42'58	24°47	12°42	22° 0	17°52	22°26	26°43	0°48	24°40	20° 1	8° 5	7°20	21°13	2°34	S 14
S 15	21 32 14	21°40'45	7♎18	14°11	23°12	18°25	22°30	26°50	0°51	24°41	20° 1	8° 3	7°17	21°19	2°32	S 15
M16	21 36 10	22°38'32	19°35	15°39	24°24	18°58	22°35	26°56	0°55	24°42	20° 1	8° 1	7°14	21°26	2°30	M16
T 17	21 40 7	23°36'21	1♏40	17° 5	25°37	19°30	22°40	27° 3	0°59	24°44	20° 1	8° 0	7°11	21°33	2°28	T 17
W18	21 44 4	24°34'10	13°36	18°29	26°49	20° 2	22°45	27° 9	1° 3	24°45	20° 1	7°59	7° 8	21°40	2°26	W18
T 19	21 48 0	25°32'01	25°30	19°52	28° 2	20°34	22°50	27°16	1° 6	24°46	20° 1	7°D58	7° 4	21°46	2°24	T 19
F 20	21 51 57	26°29'54	7♐24	21°14	29°14	21° 6	22°56	27°23	1°10	24°48	20°R 1	7°59	7° 1	21°53	2°22	F 20
S 21	21 55 53	27°27'47	19°23	22°34	0♌27	21°38	23° 1	27°29	1°14	24°49	20° 1	8° 0	6°58	22° 0	2°20	S 21
S 22	21 59 50	28°25'42	1♑33	23°52	1°40	22° 9	23° 7	27°36	1°18	24°50	20° 1	8° 1	6°55	22° 7	2°18	S 22
M23	22 3 46	29°23'39	13°57	25° 8	2°52	22°39	23°13	27°43	1°21	24°52	20° 1	8° 3	6°52	22°13	2°15	M23
T 24	22 7 43	0♍21'36	26°39	26°22	4° 5	23°10	23°19	27°50	1°25	24°53	20° 1	8° 4	6°48	22°20	2°13	T 24
W25	22 11 39	1°19'35	9♒40	27°35	5°18	23°40	23°25	27°57	1°29	24°55	20° 1	8°R 4	6°45	22°27	2°11	W25
T 26	22 15 36	2°17'36	23° 2	28°46	6°31	24°10	23°31	28° 4	1°33	24°56	20° 1	8° 4	6°42	22°33	2° 8	T 26
F 27	22 19 32	3°15'38	6♓43	29°55	7°44	24°39	23°38	28°10	1°36	24°58	20° 1	8° 2	6°39	22°40	2° 6	F 27
S 28	22 23 29	4°13'42	20°42	1♎ 1	8°57	25° 8	23°44	28°17	1°40	24°59	20° 1	7°59	6°36	22°47	2° 4	S 28
S 29	22 27 26	5°11'47	4♈55	2° 5	10°10	25°37	23°51	28°24	1°44	25° 1	20° 1	7°55	6°33	22°54	2° 1	S 29
M30	22 31 22	6° 9'55	19°16	3° 7	11°23	26° 5	23°58	28°31	1°48	25° 2	20° 0	7°51	6°29	23° 0	1°59	M30
T 31	22 35 19	7♍ 8'04	3♉40	4♎ 7	12♌37	26♉33	24♏ 5	28♍39	1♍51	25♎ 4	20♉ 0	7♌47	6♌26	23♏ 7	1♈56	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	18n15	5s34	3s51	15n57	1n33	22n34	0s46	12n58	2s 5	17s27	0n48	3n51	2n12	12n10	0n43	7s52	1n45	3n53	14s23	18n17	18n18	12s51	4n 5	3n11
M 2	17 59	0 45	4 37	15 18	1 28	22 33	0 43	13 9	2 5	17 28	0 47	3 49	2 11	12 9	0 43	7 52	1 45	3 53	14 24	18 17	18 19	12 53	4 5	3 11
T 3	17 44	4n10	5 6	14 38	1 24	22 32	0 40	13 21	2 4	17 29	0 47	3 46	2 11	12 7	0 43	7 52	1 45	3 52	14 24	18 17	18 19	12 55	4 4	3 11
W 4	17 28	8 53	5 17	13 57	1 19	22 30	0 37	13 32	2 4	17 30	0 47	3 44	2 11	12 6	0 43	7 53	1 45	3 52	14 24	18 17	18 20	12 57	4 4	3 11
T 5	17 13	13 9	5 9	13 16	1 13	22 27	0 34	13 43	2 4	17 31	0 47	3 41	2 11	12 5	0 43	7 53	1 45	3 52	14 24	18 17	18 21	12 59	4 3	3 12
F 6	16 56	16 39	4 41	12 35	1 8	22 24	0 31	13 54	2 3	17 32	0 46	3 39	2 11	12 4	0 43	7 53	1 45	3 52	14 25	18 17	18 22	13 1	4 3	3 12
S 7	16 40	19 9	3 57	11 53	1 1	22 20	0 28	14 5	2 3	17 33	0 46	3 36	2 11	12 2	0 43	7 54	1 45	3 52	14 25	18 16	18 23	13 3	4 2	3 12
S 8	16 23	20 27	2 58	11 11	0 55	22 15	0 25	14 15	2 3	17 34	0 46	3 34	2 11	12 1	0 43	7 54	1 45	3 51	14 25	18 16	18 24	13 5	4 1	3 12
M 9	16 6	20 28	1 49	10 29	0 48	22 10	0 22	14 26	2 2	17 35	0 46	3 31	2 11	12 0	0 43	7 55	1 45	3 51	14 25	18 16	18 24	13 7	4 1	3 12
T 10	15 49	19 13	0 35	9 47	0 41	22 4	0 19	14 36	2 2	17 37	0 46	3 28	2 11	11 58	0 43	7 55	1 45	3 51	14 26	18 16	18 25	13 9	4 0	3 12
W11	15 31	16 52	0n41	9 5	0 34	21 58	0 16	14 47	2 1	17 38	0 45	3 26	2 10	11 57	0 43	7 56	1 45	3 51	14 26	18 16	18 26	13 11	4 0	3 12
T 12	15 13	13 38	1 52	8 22	0 26	21 51	0 13	14 57	2 1	17 39	0 45	3 23	2 10	11 56	0 43	7 56	1 45	3 51	14 26	18 16	18 27	13 13	3 59	3 12
F 13	14 55	9 48	2 56	7 40	0 19	21 43	0 10	15 6	2 0	17 40	0 45	3 21	2 10	11 54	0 43	7 57	1 45	3 50	14 27	18 16	18 28	13 14	3 58	3 12
S 14	14 37	5 36	3 50	6 58	0 11	21 34	0 7	15 16	2 0	17 42	0 45	3 18	2 10	11 53	0 43	7 57	1 45	3 50	14 27	18 17	18 28	13 16	3 58	3 12
S 15	14 18	1 15	4 31	6 16	0 2	21 25	0 4	15 26	1 59	17 43	0 44	3 15	2 10	11 52	0 43	7 58	1 45	3 50	14 27	18 17	18 29	13 18	3 57	3 12
M16	14 0	3s 3	4 59	5 35	0s 6	21 16	0 1	15 35	1 59	17 44	0 44	3 13	2 10	11 50	0 43	7 58	1 45	3 50	14 27	18 18	18 30	13 20	3 56	3 12
T 17	13 41	7 10	5 14	4 53	0 14	21 6	0n 2	15 45	1 58	17 46	0 44	3 10	2 10	11 49	0 43	7 59	1 45	3 49	14 28	18 18	18 31	13 22	3 55	3 12
W18	13 21	10 57	5 14	4 12	0 23	20 55	0 5	15 54	1 58	17 47	0 44	3 7	2 10	11 48	0 43	7 59	1 44	3 49	14 28	18 19	18 32	13 24	3 55	3 12
T 19	13 2	14 18	5 1	3 32	0 32	20 43	0 8	16 3	1 57	17 49	0 44	3 4	2 10	11 46	0 43	8 0	1 44	3 49	14 28	18 19	18 32	13 26	3 54	3 12
F 20	12 42	17 4	4 35	2 52	0 41	20 31	0 10	16 12	1 56	17 51	0 43	3 2	2 10	11 45	0 43	8 0	1 44	3 49	14 28	18 19	18 33	13 28	3 53	3 12
S 21	12 23	19 7	3 57	2 12	0 50	20 19	0 13	16 20	1 56	17 52	0 43	2 59	2 10	11 44	0 43	8 1	1 44	3 48	14 29	18 18	18 34	13 30	3 52	3 12
S 22	12 3	20 21	3 8	1 33	0 59	20 5	0 16	16 29	1 55	17 54	0 43	2 56	2 10	11 42	0 43	8 1	1 44	3 48	14 29	18 18	18 35	13 32	3 51	3 12
M23	11 42	20 37	2 9	0 54	1 8	19 51	0 19	16 37	1 55	17 56	0 43	2 53	2 9	11 41	0 43	8 2	1 44	3 48	14 29	18 17	18 36	13 34	3 50	3 13
T 24	11 22	19 51	1 2	0 16	1 17	19 37	0 21	16 46	1 54	17 57	0 42	2 51	2 9	11 40	0 43	8 2	1 44	3 48	14 29	18 17	18 36	13 36	3 50	3 13
W25	11 1	18 0	0s 9	0s21	1 26	19 22	0 24	16 54	1 53	17 59	0 42	2 48	2 9	11 38	0 43	8 3	1 44	3 47	14 30	18 17	18 37	13 37	3 49	3 13
T 26	10 41	15 9	1 21	0 58	1 36	19 7	0 27	17 2	1 52	18 1	0 42	2 45	2 9	11 37	0 43	8 4	1 44	3 47	14 30	18 17	18 38	13 39	3 48	3 13
F 27	10 20	11 24	2 31	1 34	1 45	18 51	0 29	17 10	1 52	18 3	0 42	2 42	2 9	11 36	0 43	8 4	1 44	3 47	14 30	18 18	18 39	13 41	3 47	3 13
S 28	9 59	6 57	3 33	2 9	1 54	18 34	0 32	17 18	1 51	18 4	0 42	2 39	2 9	11 34	0 43	8 5	1 44	3 46	14 31	18 19	18 40	13 43	3 46	3 13
S 29	9 37	2 4	4 23	2 43	2 3	18 17	0 34	17 25	1 50	18 6	0 41	2 36	2 9	11 33	0 43	8 5	1 44	3 46	14 31	18 20	18 40	13 45	3 45	3 13
M30	9 16	2n59	4 56	3 16	2 12	17 59	0 37	17 33	1 49	18 8	0 41	2 34	2 9	11 32	0 43	8 6	1 44	3 46	14 31	18 21	18 41	13 47	3 44	3 13
T 31	8n55	7n52	5s12	3s48	2s21	17n41	0n39	17n40	1s48	18s10	0n41	2n31	2n 9	11n30	0n43	8s 7	1n44	3n46	14s31	18n21	18n42	13s49	3n43	3n13

Julian Day Number = 2315521.5, Delta T = 59.93 sec
Ecliptic obliquity = 23°29'10, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°32'33, Lahiri = 18°39'33Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1627
geocentric

SEPTEMBER 1627 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 39 15	8♍ 6'16	18♉ 2	5♎ 4	13♌50	27♉ 1	24♏12	28♍46	1♍55	25♎ 6	20°R 0	7°R45	6♌23	23♏14	1°R54	W 1
T 2	22 43 12	9° 4'29	2♊20	5°58	15° 3	27°28	24°19	28°53	1°59	25° 7	20♉ 0	7♌43	6°20	23°20	1♈51	T 2
F 3	22 47 8	10° 2'45	16°29	6°49	16°17	27°55	24°27	29° 0	2° 3	25° 9	19°59	7°D43	6°17	23°27	1°49	F 3
S 4	22 51 5	11° 1'03	0♋28	7°37	17°30	28°21	24°34	29° 7	2° 6	25°11	19°59	7°44	6°14	23°34	1°46	S 4
S 5	22 55 1	11°59'23	14°17	8°21	18°44	28°47	24°42	29°14	2°10	25°13	19°59	7°46	6°10	23°41	1°44	S 5
M 6	22 58 58	12°57'45	27°55	9° 2	19°57	29°13	24°50	29°21	2°14	25°14	19°58	7°47	6° 7	23°47	1°41	M 6
T 7	23 2 55	13°56'09	11♌21	9°39	21°11	29°38	24°58	29°29	2°17	25°16	19°58	7°R47	6° 4	23°54	1°39	T 7
W 8	23 6 51	14°54'35	24°35	10°12	22°24	0♐ 3	25° 6	29°36	2°21	25°18	19°58	7°46	6° 1	24° 1	1°36	W 8
T 9	23 10 48	15°53'03	7♍37	10°40	23°38	0°27	25°14	29°43	2°25	25°20	19°57	7°43	5°58	24° 7	1°33	T 9
F 10	23 14 44	16°51'33	20°26	11° 3	24°52	0°51	25°22	29°50	2°29	25°22	19°57	7°38	5°54	24°14	1°31	F 10
S 11	23 18 41	17°50'04	3♎ 3	11°21	26° 6	1°14	25°31	29°58	2°32	25°23	19°57	7°31	5°51	24°21	1°28	S 11
S 12	23 22 37	18°48'38	15°26	11°34	27°19	1°37	25°39	0♎ 5	2°36	25°25	19°56	7°24	5°48	24°28	1°25	S 12
M13	23 26 34	19°47'13	27°38	11°40	28°33	1°59	25°48	0°12	2°40	25°27	19°56	7°16	5°45	24°34	1°22	M13
T 14	23 30 30	20°45'51	9♏41	11°R41	29°47	2°21	25°57	0°20	2°43	25°29	19°55	7° 9	5°42	24°41	1°20	T 14
W15	23 34 27	21°44'30	21°36	11°35	1♍ 1	2°42	26° 6	0°27	2°47	25°31	19°55	7° 3	5°39	24°48	1°17	W15
T 16	23 38 24	22°43'10	3♐27	11°22	2°15	3° 3	26°15	0°34	2°50	25°33	19°54	6°59	5°35	24°54	1°14	T 16
F 17	23 42 20	23°41'53	15°19	11° 1	3°29	3°23	26°24	0°42	2°54	25°35	19°53	6°57	5°32	25° 1	1°11	F 17
S 18	23 46 17	24°40'37	27°16	10°34	4°43	3°43	26°33	0°49	2°58	25°37	19°53	6°D57	5°29	25° 8	1° 9	S 18
S 19	23 50 13	25°39'23	9♑24	9°59	5°58	4° 2	26°43	0°57	3° 1	25°39	19°52	6°58	5°26	25°15	1° 6	S 19
M20	23 54 10	26°38'11	21°47	9°18	7°12	4°20	26°52	1° 4	3° 5	25°41	19°52	6°59	5°23	25°21	1° 3	M20
T 21	23 58 6	27°37'01	4♒30	8°29	8°26	4°38	27° 2	1°11	3° 8	25°43	19°51	7°R 0	5°20	25°28	1° 0	T 21
W22	0 2 3	28°35'52	17°37	7°35	9°40	4°55	27°11	1°19	3°12	25°45	19°50	6°59	5°16	25°35	0°57	W22
T 23	0 5 59	29°34'45	1♓ 9	6°35	10°54	5°12	27°21	1°26	3°15	25°47	19°50	6°57	5°13	25°41	0°55	T 23
F 24	0 9 56	0♎33'40	15° 7	5°31	12° 9	5°28	27°31	1°34	3°19	25°49	19°49	6°52	5°10	25°48	0°52	F 24
S 25	0 13 53	1°32'37	29°29	4°24	13°23	5°44	27°41	1°41	3°22	25°51	19°48	6°45	5° 7	25°55	0°49	S 25
S 26	0 17 49	2°31'35	14♈ 8	3°15	14°37	5°58	27°51	1°48	3°25	25°53	19°48	6°37	5° 4	26° 2	0°46	S 26
M27	0 21 46	3°30'36	28°57	2° 7	15°52	6°12	28° 1	1°56	3°29	25°55	19°47	6°28	5° 0	26° 8	0°43	M27
T 28	0 25 42	4°29'40	13♉47	1° 2	17° 6	6°26	28°12	2° 3	3°32	25°57	19°46	6°20	4°57	26°15	0°41	T 28
W29	0 29 39	5°28'45	28°31	0° 0	18°21	6°39	28°22	2°11	3°36	25°59	19°46	6°13	4°54	26°22	0°38	W29
T 30	0 33 35	6♎27'53	13♊ 2	29♍ 4	19♍35	6♊51	28♏33	2♎18	3♍39	26♎ 2	19♉45	6♌ 8	4♌51	26♏28	0♈35	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	8n33	12n19	5s 8	4s19	2s30	17n22	0n42	17n47	1s48	18s12	0n41	2n28	2n 9	11n29	0n43	8s 7	1n44	3n45	14s32	18n22	18n43	13s51	3n42	3n13
T 2	8 11	16 1	4 44	4 48	2 39	17 3	0 44	17 54	1 47	18 14	0 41	2 25	2 9	11 28	0 43	8 8	1 44	3 45	14 32	18 22	18 44	13 53	3 41	3 13
F 3	7 49	18 45	4 4	5 16	2 47	16 43	0 46	18 1	1 46	18 16	0 40	2 22	2 9	11 26	0 43	8 8	1 44	3 45	14 32	18 22	18 44	13 55	3 40	3 13
S 4	7 27	20 20	3 10	5 43	2 56	16 23	0 48	18 8	1 45	18 18	0 40	2 19	2 9	11 25	0 43	8 9	1 44	3 44	14 32	18 22	18 45	13 56	3 39	3 13
S 5	7 5	20 39	2 5	6 8	3 4	16 3	0 51	18 14	1 44	18 20	0 40	2 16	2 9	11 24	0 43	8 10	1 44	3 44	14 33	18 22	18 46	13 58	3 38	3 13
M 6	6 42	19 45	0 54	6 31	3 11	15 42	0 53	18 21	1 43	18 22	0 40	2 14	2 9	11 22	0 43	8 10	1 44	3 44	14 33	18 22	18 47	14 0	3 37	3 13
T 7	6 20	17 43	0n19	6 53	3 19	15 20	0 55	18 27	1 42	18 24	0 40	2 11	2 9	11 21	0 43	8 11	1 44	3 43	14 33	18 21	18 48	14 2	3 36	3 13
W 8	5 57	14 46	1 30	7 12	3 26	14 58	0 57	18 33	1 41	18 26	0 39	2 8	2 9	11 20	0 43	8 12	1 44	3 43	14 33	18 22	18 48	14 4	3 35	3 13
T 9	5 35	11 7	2 35	7 29	3 32	14 36	0 59	18 40	1 40	18 29	0 39	2 5	2 9	11 18	0 43	8 13	1 44	3 43	14 34	18 23	18 49	14 6	3 34	3 13
F 10	5 12	7 1	3 31	7 44	3 38	14 13	1 1	18 45	1 39	18 31	0 39	2 2	2 9	11 17	0 43	8 13	1 44	3 42	14 34	18 24	18 50	14 8	3 33	3 13
S 11	4 49	2 41	4 15	7 56	3 44	13 50	1 3	18 51	1 38	18 33	0 39	1 59	2 9	11 16	0 43	8 14	1 44	3 42	14 34	18 26	18 51	14 10	3 32	3 13
S 12	4 26	1s41	4 46	8 5	3 48	13 26	1 4	18 57	1 36	18 35	0 39	1 56	2 9	11 15	0 43	8 15	1 43	3 42	14 34	18 27	18 51	14 11	3 30	3 13
M13	4 3	5 55	5 4	8 11	3 52	13 2	1 6	19 3	1 35	18 37	0 38	1 53	2 9	11 13	0 43	8 15	1 43	3 41	14 35	18 29	18 52	14 13	3 29	3 12
T 14	3 40	9 52	5 8	8 13	3 55	12 38	1 8	19 8	1 34	18 40	0 38	1 50	2 9	11 12	0 43	8 16	1 43	3 41	14 35	18 31	18 53	14 15	3 28	3 12
W15	3 17	13 23	4 59	8 13	3 56	12 13	1 10	19 13	1 33	18 42	0 38	1 47	2 9	11 11	0 43	8 17	1 43	3 41	14 35	18 33	18 54	14 17	3 27	3 12
T 16	2 54	16 22	4 36	8 8	3 57	11 48	1 11	19 19	1 32	18 44	0 38	1 44	2 9	11 9	0 43	8 18	1 43	3 40	14 35	18 34	18 55	14 19	3 26	3 12
F 17	2 30	18 40	4 2	7 59	3 56	11 23	1 13	19 24	1 30	18 47	0 38	1 41	2 9	11 8	0 43	8 18	1 43	3 40	14 36	18 34	18 55	14 21	3 25	3 12
S 18	2 7	20 10	3 17	7 46	3 54	10 57	1 14	19 29	1 29	18 49	0 38	1 38	2 9	11 7	0 43	8 19	1 43	3 39	14 36	18 34	18 56	14 23	3 24	3 12
S 19	1 44	20 46	2 23	7 29	3 50	10 31	1 15	19 34	1 28	18 51	0 37	1 36	2 9	11 5	0 43	8 20	1 43	3 39	14 36	18 34	18 57	14 25	3 22	3 12
M20	1 20	20 23	1 21	7 7	3 44	10 4	1 17	19 38	1 26	18 54	0 37	1 33	2 9	11 4	0 43	8 21	1 43	3 39	14 36	18 34	18 58	14 26	3 21	3 12
T 21	0 57	18 57	0 13	6 41	3 37	9 38	1 18	19 43	1 25	18 56	0 37	1 30	2 9	11 3	0 43	8 21	1 43	3 38	14 36	18 34	18 58	14 28	3 20	3 12
W22	0 34	16 29	0s57	6 11	3 27	9 11	1 19	19 48	1 23	18 58	0 37	1 27	2 9	11 2	0 43	8 22	1 43	3 38	14 37	18 34	18 59	14 30	3 19	3 12
T 23	0 10	13 3	2 6	5 37	3 16	8 44	1 20	19 52	1 22	19 1	0 37	1 24	2 9	11 0	0 43	8 23	1 43	3 38	14 37	18 34	19 0	14 32	3 18	3 12
F 24	0s13	8 47	3 10	4 59	3 3	8 16	1 21	19 56	1 20	19 3	0 36	1 21	2 9	10 59	0 43	8 24	1 43	3 37	14 37	18 36	19 1	14 34	3 17	3 12
S 25	0 37	3 55	4 3	4 19	2 48	7 49	1 22	20 1	1 19	19 6	0 36	1 18	2 9	10 58	0 44	8 24	1 43	3 37	14 37	18 37	19 2	14 36	3 15	3 12
S 26	1 0	1n15	4 42	3 37	2 31	7 21	1 23	20 5	1 17	19 8	0 36	1 15	2 9	10 57	0 44	8 25	1 43	3 37	14 37	18 39	19 2	14 37	3 14	3 12
M27	1 24	6 25	5 2	2 53	2 13	6 53	1 24	20 9	1 16	19 10	0 36	1 12	2 9	10 56	0 44	8 26	1 43	3 36	14 38	18 42	19 3	14 39	3 13	3 12
T 28	1 47	11 12	5 2	2 9	1 54	6 24	1 25	20 13	1 14	19 13	0 36	1 9	2 9	10 54	0 44	8 27	1 43	3 36	14 38	18 44	19 4	14 41	3 12	3 12
W29	2 11	15 17	4 42	1 26	1 34	5 56	1 26	20 17	1 12	19 15	0 36	1 6	2 9	10 53	0 44	8 27	1 43	3 35	14 38	18 45	19 5	14 43	3 11	3 11
T 30	2s34	18n22	4s 4	0s45	1s14	5n27	1n26	20n20	1s10	19s18	0n35	1n 3	2n 9	10n52	0n44	8s28	1n43	3n35	14s38	18n47	19n 5	14s45	3n 9	3n11

Julian Day Number = 2315552.5, Delta T = 59.86 sec
Ecliptic obliquity = 23°29'11, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°32'37, Lahiri = 18°39'37Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1627
geocentric

OCTOBER 1627 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 37 32	7♎27'03	27♊17	28°R16	20♍50	7♊ 2	28♏43	2♎25	3♍42	26♎ 4	19°R44	6°R 6	4♌48	26♏35	0°R32	F 1
S 2	0 41 28	8°26'16	11♋12	27♍36	22° 5	7°13	28°54	2°33	3°45	26° 6	19♉43	6°D 6	4°45	26°42	0♈29	S 2
S 3	0 45 25	9°25'31	24°50	27° 5	23°19	7°23	29° 5	2°40	3°49	26° 8	19°42	6♌ 6	4°41	26°49	0°27	S 3
M 4	0 49 21	10°24'48	8♌11	26°46	24°34	7°32	29°15	2°48	3°52	26°10	19°42	6°R 6	4°38	26°55	0°24	M 4
T 5	0 53 18	11°24'08	21°17	26°D36	25°49	7°40	29°26	2°55	3°55	26°12	19°41	6° 5	4°35	27° 2	0°21	T 5
W 6	0 57 15	12°23'30	4♍10	26°38	27° 4	7°48	29°37	3° 2	3°58	26°15	19°40	6° 2	4°32	27° 9	0°18	W 6
T 7	1 1 11	13°22'54	16°52	26°50	28°18	7°55	29°49	3°10	4° 1	26°17	19°39	5°56	4°29	27°15	0°16	T 7
F 8	1 5 8	14°22'20	29°24	27°13	29°33	8° 1	29°59	3°17	4° 4	26°19	19°38	5°47	4°25	27°22	0°13	F 8
S 9	1 9 4	15°21'48	11♎46	27°46	0♎48	8° 6	0♐11	3°24	4° 8	26°21	19°37	5°35	4°22	27°29	0°10	S 9
S 10	1 13 1	16°21'19	23°59	28°27	2° 3	8°10	0°22	3°32	4°11	26°23	19°36	5°22	4°19	27°36	0° 8	S 10
M11	1 16 57	17°20'51	6♏ 4	29°17	3°18	8°13	0°34	3°39	4°14	26°26	19°35	5° 9	4°16	27°42	0° 5	M11
T 12	1 20 54	18°20'26	18° 1	0♎15	4°33	8°16	0°45	3°46	4°17	26°28	19°34	4°56	4°13	27°49	0° 2	T 12
W13	1 24 50	19°20'02	29°53	1°19	5°48	8°18	0°57	3°53	4°19	26°30	19°34	4°45	4°10	27°56	29♓59	W13
T 14	1 28 47	20°19'40	11♐43	2°30	7° 3	8°19	1° 9	4° 1	4°22	26°32	19°33	4°37	4° 6	28° 2	29°57	T 14
F 15	1 32 44	21°19'20	23°33	3°45	8°18	8°R19	1°20	4° 8	4°25	26°35	19°32	4°31	4° 3	28° 9	29°55	F 15
S 16	1 36 40	22°19'02	5♑27	5° 5	9°33	8°18	1°32	4°15	4°28	26°37	19°31	4°28	4° 0	28°16	29°52	S 16
S 17	1 40 37	23°18'46	17°31	6°29	10°48	8°16	1°44	4°22	4°31	26°39	19°30	4°26	3°57	28°23	29°49	S 17
M18	1 44 33	24°18'32	29°50	7°56	12° 3	8°14	1°56	4°29	4°34	26°41	19°29	4°26	3°54	28°29	29°47	M18
T 19	1 48 30	25°18'19	12♒28	9°26	13°18	8°10	2° 8	4°36	4°36	26°44	19°28	4°26	3°51	28°36	29°44	T 19
W20	1 52 26	26°18'07	25°32	10°58	14°33	8° 6	2°20	4°43	4°39	26°46	19°27	4°25	3°47	28°43	29°42	W20
T 21	1 56 23	27°17'58	9♓ 3	12°32	15°48	8° 0	2°32	4°50	4°42	26°48	19°26	4°21	3°44	28°49	29°40	T 21
F 22	2 0 19	28°17'50	23° 5	14° 7	17° 3	7°54	2°44	4°58	4°44	26°50	19°25	4°15	3°41	28°56	29°37	F 22
S 23	2 4 16	29°17'44	7♈35	15°44	18°18	7°47	2°57	5° 5	4°47	26°52	19°24	4° 6	3°38	29° 3	29°35	S 23
S 24	2 8 13	0♏17'40	22°29	17°21	19°33	7°39	3° 9	5°11	4°49	26°55	19°22	3°55	3°35	29° 9	29°33	S 24
M25	2 12 9	1°17'37	7♉38	18°59	20°49	7°31	3°21	5°18	4°52	26°57	19°21	3°44	3°31	29°16	29°30	M25
T 26	2 16 6	2°17'37	22°51	20°38	22° 4	7°21	3°34	5°25	4°54	26°59	19°20	3°33	3°28	29°23	29°28	T 26
W27	2 20 2	3°17'39	7♊58	22°17	23°19	7°10	3°46	5°32	4°57	27° 1	19°19	3°23	3°25	29°30	29°26	W27
T 28	2 23 59	4°17'42	22°49	23°55	24°34	6°59	3°59	5°39	4°59	27° 4	19°18	3°17	3°22	29°36	29°24	T 28
F 29	2 27 55	5°17'48	7♋18	25°34	25°49	6°47	4°11	5°46	5° 1	27° 6	19°17	3°13	3°19	29°43	29°22	F 29
S 30	2 31 52	6°17'56	21°22	27°13	27° 5	6°34	4°24	5°53	5° 4	27° 8	19°16	3°11	3°16	29°50	29°19	S 30
S 31	2 35 48	7♏18'07	5♌ 2	28♎52	28♎20	6♊20	4♐37	5♎59	5♍ 6	27♎10	19♉15	3♌11	3♌12	29♏56	29♓17	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	2s58	20n16	3s12	0s 7	0s53	4n58	1n27	20n24	1s 9	19s20	0n35	1n 0	2n 9	10n51	0n44	8s29	1n43	3n35	14s38	18n47	19n 6	14s47	3n 8	3n11
S 2	3 21	20 52	2 9	0n27	0 33	4 29	1 27	20 27	1 7	19 23	0 35	0 58	2 9	10 50	0 44	8 30	1 43	3 34	14 39	18 47	19 7	14 49	3 7	3 11
S 3	3 45	20 13	1 0	0 57	0 13	4 0	1 28	20 31	1 5	19 25	0 35	0 55	2 9	10 49	0 44	8 31	1 43	3 34	14 39	18 47	19 8	14 50	3 6	3 11
M 4	4 8	18 26	0n11	1 22	0n 5	3 31	1 28	20 34	1 3	19 28	0 35	0 52	2 9	10 47	0 44	8 31	1 43	3 34	14 39	18 47	19 8	14 52	3 5	3 11
T 5	4 31	15 42	1 20	1 42	0 23	3 1	1 29	20 38	1 1	19 30	0 35	0 49	2 9	10 46	0 44	8 32	1 43	3 33	14 39	18 47	19 9	14 54	3 3	3 11
W 6	4 54	12 13	2 23	1 56	0 39	2 32	1 29	20 41	0 59	19 33	0 35	0 46	2 9	10 45	0 44	8 33	1 43	3 33	14 39	18 48	19 10	14 56	3 2	3 11
T 7	5 18	8 14	3 19	2 5	0 54	2 2	1 29	20 44	0 57	19 35	0 34	0 43	2 9	10 44	0 44	8 34	1 43	3 33	14 39	18 50	19 11	14 58	3 1	3 11
F 8	5 41	3 58	4 3	2 8	1 7	1 32	1 29	20 47	0 55	19 38	0 34	0 40	2 9	10 43	0 44	8 35	1 43	3 32	14 40	18 52	19 12	15 0	3 0	3 11
S 9	6 4	0s26	4 36	2 6	1 19	1 3	1 29	20 50	0 53	19 40	0 34	0 37	2 10	10 42	0 44	8 35	1 43	3 32	14 40	18 55	19 12	15 1	2 59	3 10
S 10	6 27	4 45	4 55	1 59	1 29	0 33	1 29	20 53	0 51	19 43	0 34	0 35	2 10	10 41	0 44	8 36	1 43	3 31	14 40	18 58	19 13	15 3	2 58	3 10
M11	6 49	8 50	5 1	1 47	1 38	0 3	1 29	20 55	0 49	19 45	0 34	0 32	2 10	10 40	0 44	8 37	1 43	3 31	14 40	19 1	19 14	15 5	2 56	3 10
T 12	7 12	12 32	4 53	1 31	1 45	0s27	1 29	20 58	0 46	19 48	0 34	0 29	2 10	10 39	0 44	8 38	1 43	3 31	14 40	19 4	19 15	15 7	2 55	3 10
W13	7 35	15 43	4 33	1 11	1 51	0 57	1 29	21 0	0 44	19 51	0 34	0 26	2 10	10 38	0 44	8 39	1 43	3 30	14 40	19 7	19 15	15 9	2 54	3 10
T 14	7 57	18 15	4 1	0 47	1 56	1 27	1 28	21 3	0 42	19 53	0 33	0 23	2 10	10 36	0 44	8 39	1 43	3 30	14 40	19 9	19 16	15 10	2 53	3 10
F 15	8 20	20 1	3 18	0 20	2 0	1 57	1 28	21 5	0 39	19 56	0 33	0 21	2 10	10 35	0 44	8 40	1 43	3 30	14 41	19 10	19 17	15 12	2 52	3 10
S 16	8 42	20 56	2 27	0s10	2 2	2 27	1 27	21 7	0 37	19 58	0 33	0 18	2 10	10 34	0 44	8 41	1 43	3 29	14 41	19 11	19 18	15 14	2 51	3 9
S 17	9 4	20 53	1 28	0 42	2 3	2 57	1 27	21 10	0 35	20 1	0 33	0 15	2 10	10 33	0 44	8 42	1 43	3 29	14 41	19 11	19 18	15 16	2 49	3 9
M18	9 27	19 50	0 24	1 16	2 4	3 27	1 26	21 12	0 32	20 3	0 33	0 12	2 10	10 32	0 44	8 43	1 43	3 29	14 41	19 11	19 19	15 18	2 48	3 9
T 19	9 48	17 46	0s42	1 52	2 3	3 56	1 26	21 14	0 30	20 6	0 33	0 10	2 10	10 32	0 44	8 44	1 43	3 28	14 41	19 11	19 20	15 19	2 47	3 9
W20	10 10	14 45	1 49	2 29	2 2	4 26	1 25	21 15	0 27	20 8	0 33	0 7	2 10	10 31	0 44	8 44	1 43	3 28	14 41	19 12	19 21	15 21	2 46	3 9
T 21	10 32	10 51	2 52	3 7	2 0	4 56	1 24	21 17	0 24	20 11	0 32	0 4	2 11	10 30	0 44	8 45	1 43	3 27	14 41	19 13	19 21	15 23	2 45	3 9
F 22	10 53	6 13	3 47	3 47	1 57	5 26	1 24	21 19	0 22	20 13	0 32	0 2	2 11	10 29	0 44	8 46	1 43	3 27	14 41	19 14	19 22	15 25	2 44	3 9
S 23	11 15	1 6	4 29	4 27	1 54	5 55	1 23	21 20	0 19	20 16	0 32	0s 1	2 11	10 28	0 44	8 47	1 43	3 27	14 41	19 16	19 23	15 27	2 43	3 8
S 24	11 36	4n13	4 54	5 8	1 50	6 24	1 22	21 22	0 16	20 18	0 32	0 4	2 11	10 27	0 44	8 48	1 43	3 26	14 41	19 19	19 24	15 28	2 42	3 8
M25	11 57	9 22	4 59	5 49	1 46	6 54	1 21	21 23	0 14	20 21	0 32	0 6	2 11	10 26	0 44	8 48	1 43	3 26	14 41	19 21	19 24	15 30	2 41	3 8
T 26	12 18	13 57	4 43	6 30	1 41	7 23	1 20	21 24	0 11	20 23	0 32	0 9	2 11	10 25	0 44	8 49	1 43	3 26	14 42	19 24	19 25	15 32	2 40	3 8
W27	12 38	17 36	4 8	7 12	1 37	7 52	1 18	21 25	0 8	20 26	0 32	0 12	2 11	10 24	0 44	8 50	1 43	3 25	14 42	19 26	19 26	15 34	2 39	3 8
T 28	12 59	20 2	3 16	7 53	1 31	8 20	1 17	21 26	0 5	20 28	0 32	0 14	2 11	10 24	0 44	8 51	1 43	3 25	14 42	19 28	19 26	15 36	2 38	3 8
F 29	13 19	21 5	2 12	8 34	1 26	8 49	1 16	21 27	0 2	20 31	0 31	0 17	2 12	10 23	0 45	8 51	1 43	3 25	14 42	19 29	19 27	15 37	2 36	3 7
S 30	13 39	20 46	1 2	9 16	1 20	9 17	1 15	21 28	0n 1	20 33	0 31	0 19	2 12	10 22	0 45	8 52	1 43	3 24	14 42	19 29	19 28	15 39	2 35	3 7
S 31	13s59	19n12	0n10	9s56	1n14	9s46	1n13	21n28	0n 4	20s36	0n31	0s22	2n12	10n21	0n45	8s53	1n43	3n24	14s42	19n29	19n29	15s41	2n34	3n 7

Julian Day Number = 2315582.5, Delta T = 59.79 sec
Ecliptic obliquity = 23°29'11, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°32'41, Lahiri = 18°39'41Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1627
geocentric

NOVEMBER 1627 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 39 45	8♏18'19	18♌18	0♏31	29♎35	6°R 5	4♐49	6♎ 6	5♍ 8	27♎13	19°R14	3°R11	3♌ 9	0♐ 3	29°R15	M 1
T 2	2 43 42	9°18'33	1♍15	2° 9	0♏51	5♊50	5° 2	6°13	5°10	27°15	19♉13	3♌ 9	3° 6	0°10	29♓13	T 2
W 3	2 47 38	10°18'49	13°56	3°48	2° 6	5°34	5°15	6°19	5°12	27°17	19°12	3° 6	3° 3	0°17	29°11	W 3
T 4	2 51 35	11°19'08	26°23	5°26	3°21	5°17	5°28	6°26	5°14	27°19	19°10	2°59	3° 0	0°23	29° 9	T 4
F 5	2 55 31	12°19'28	8♎41	7° 4	4°37	4°59	5°41	6°32	5°16	27°21	19° 9	2°49	2°57	0°30	29° 8	F 5
S 6	2 59 28	13°19'50	20°50	8°41	5°52	4°41	5°54	6°39	5°18	27°24	19° 8	2°37	2°53	0°37	29° 6	S 6
S 7	3 3 24	14°20'14	2♏52	10°18	7° 7	4°22	6° 7	6°45	5°20	27°26	19° 7	2°23	2°50	0°43	29° 4	S 7
M 8	3 7 21	15°20'40	14°50	11°55	8°23	4° 3	6°20	6°51	5°22	27°28	19° 6	2° 8	2°47	0°50	29° 2	M 8
T 9	3 11 17	16°21'07	26°43	13°32	9°38	3°43	6°33	6°58	5°24	27°30	19° 5	1°55	2°44	0°57	29° 1	T 9
W10	3 15 14	17°21'36	8♐33	15° 8	10°54	3°22	6°46	7° 4	5°25	27°32	19° 4	1°42	2°41	1° 3	28°59	W10
T 11	3 19 11	18°22'07	20°23	16°44	12° 9	3° 2	6°59	7°10	5°27	27°34	19° 3	1°33	2°37	1°10	28°57	T 11
F 12	3 23 7	19°22'39	2♑14	18°20	13°24	2°40	7°12	7°16	5°29	27°36	19° 1	1°26	2°34	1°17	28°56	F 12
S 13	3 27 4	20°23'12	14° 9	19°55	14°40	2°19	7°26	7°22	5°30	27°39	19° 0	1°22	2°31	1°24	28°54	S 13
S 14	3 31 0	21°23'47	26°12	21°30	15°55	1°57	7°39	7°28	5°32	27°41	18°59	1°D21	2°28	1°30	28°53	S 14
M15	3 34 57	22°24'23	8♒28	23° 5	17°11	1°34	7°52	7°34	5°33	27°43	18°58	1°21	2°25	1°37	28°51	M15
T 16	3 38 53	23°25'00	21° 2	24°40	18°26	1°12	8° 5	7°40	5°35	27°45	18°57	1°R21	2°22	1°44	28°50	T 16
W17	3 42 50	24°25'38	3♓59	26°15	19°42	0°49	8°19	7°46	5°36	27°47	18°56	1°21	2°18	1°50	28°49	W17
T 18	3 46 46	25°26'18	17°22	27°49	20°57	0°27	8°32	7°52	5°38	27°49	18°55	1°19	2°15	1°57	28°48	T 18
F 19	3 50 43	26°26'58	1♈16	29°23	22°13	0° 4	8°46	7°58	5°39	27°51	18°54	1°14	2°12	2° 4	28°46	F 19
S 20	3 54 40	27°27'40	15°39	0♐57	23°28	29♉41	8°59	8° 3	5°40	27°53	18°53	1° 7	2° 9	2°11	28°45	S 20
S 21	3 58 36	28°28'22	0♉29	2°31	24°44	29°19	9°12	8° 9	5°41	27°55	18°51	0°58	2° 6	2°17	28°44	S 21
M22	4 2 33	29°29'06	15°40	4° 5	25°59	28°56	9°26	8°15	5°42	27°57	18°50	0°49	2° 2	2°24	28°43	M22
T 23	4 6 29	0♐29'52	1♊ 0	5°39	27°14	28°34	9°39	8°20	5°44	27°59	18°49	0°39	1°59	2°31	28°42	T 23
W24	4 10 26	1°30'38	16°20	7°12	28°30	28°12	9°53	8°26	5°45	28° 1	18°48	0°31	1°56	2°37	28°41	W24
T 25	4 14 22	2°31'26	1♋26	8°46	29°45	27°50	10° 6	8°31	5°46	28° 3	18°47	0°26	1°53	2°44	28°40	T 25
F 26	4 18 19	3°32'15	16°12	10°19	1♐ 1	27°28	10°20	8°36	5°46	28° 5	18°46	0°23	1°50	2°51	28°39	F 26
S 27	4 22 15	4°33'06	0♌31	11°53	2°16	27° 7	10°33	8°41	5°47	28° 7	18°45	0°D22	1°47	2°57	28°39	S 27
S 28	4 26 12	5°33'58	14°21	13°26	3°32	26°46	10°47	8°47	5°48	28° 9	18°44	0°22	1°43	3° 4	28°38	S 28
M29	4 30 9	6°34'51	27°45	14°59	4°47	26°25	11° 0	8°52	5°49	28°10	18°43	0°23	1°40	3°11	28°37	M29
T 30	4 34 5	7♐35'46	10♍44	16♐32	6♐ 3	26♉ 5	11♐14	8♎57	5♍49	28♎12	18♉42	0°R24	1♌37	3♐18	28♓37	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	
M 1	14s18	16n37	1n19	10s37	1n 8	10s14	1n12	21n29	0n 7	20s38	0n31	0s24	2n12	10n20	0n45	8s54	1n43	3n24	14s42	19n29	19n29	15s43	2n34	3n	7
T 2	14 37	13 16	2 22	11 17	1 2	10 41	1 11	21 29	0 10	20 40	0 31	0 27	2 12	10 20	0 45	8 55	1 43	3 24	14 42	19 29	19 30	15 44	2 33	3	7
W 3	14 57	9 22	3 17	11 56	0 55	11 9	1 9	21 29	0 13	20 43	0 31	0 29	2 12	10 19	0 45	8 55	1 43	3 23	14 42	19 30	19 31	15 46	2 32	3	6
T 4	15 15	5 8	4 2	12 36	0 49	11 36	1 8	21 29	0 16	20 45	0 31	0 32	2 12	10 18	0 45	8 56	1 43	3 23	14 42	19 32	19 32	15 48	2 31	3	6
F 5	15 34	0 45	4 34	13 14	0 42	12 3	1 6	21 29	0 19	20 48	0 31	0 34	2 13	10 17	0 45	8 57	1 43	3 23	14 42	19 34	19 32	15 50	2 30	3	6
S 6	15 52	3s36	4 54	13 52	0 35	12 30	1 4	21 29	0 22	20 50	0 30	0 37	2 13	10 17	0 45	8 58	1 43	3 22	14 42	19 37	19 33	15 52	2 29	3	6
S 7	16 10	7 47	5 0	14 29	0 29	12 56	1 3	21 28	0 25	20 52	0 30	0 39	2 13	10 16	0 45	8 58	1 43	3 22	14 42	19 40	19 34	15 53	2 28	3	6
M 8	16 28	11 39	4 53	15 5	0 22	13 22	1 1	21 28	0 28	20 55	0 30	0 41	2 13	10 15	0 45	8 59	1 43	3 22	14 42	19 43	19 35	15 55	2 27	3	5
T 9	16 46	15 2	4 33	15 41	0 15	13 48	0 59	21 27	0 31	20 57	0 30	0 44	2 13	10 15	0 45	9 0	1 43	3 22	14 42	19 46	19 35	15 57	2 26	3	5
W10	17 3	17 48	4 1	16 16	0 9	14 13	0 57	21 26	0 34	20 59	0 30	0 46	2 13	10 14	0 45	9 1	1 43	3 21	14 42	19 49	19 36	15 59	2 25	3	5
T 11	17 20	19 50	3 19	16 50	0 2	14 38	0 55	21 25	0 38	21 2	0 30	0 48	2 14	10 14	0 45	9 1	1 43	3 21	14 42	19 51	19 37	16 0	2 25	3	5
F 12	17 36	21 0	2 28	17 24	0s 5	15 3	0 53	21 24	0 41	21 4	0 30	0 51	2 14	10 13	0 45	9 2	1 43	3 21	14 42	19 53	19 37	16 2	2 24	3	5
S 13	17 53	21 14	1 30	17 56	0 12	15 27	0 52	21 23	0 44	21 6	0 30	0 53	2 14	10 13	0 45	9 3	1 43	3 20	14 42	19 54	19 38	16 4	2 23	3	4
S 14	18 9	20 30	0 27	18 28	0 18	15 51	0 50	21 21	0 47	21 9	0 30	0 55	2 14	10 12	0 45	9 4	1 43	3 20	14 42	19 54	19 39	16 6	2 22	3	4
M15	18 24	18 47	0s38	18 59	0 25	16 14	0 48	21 20	0 50	21 11	0 29	0 57	2 14	10 11	0 45	9 4	1 43	3 20	14 42	19 54	19 40	16 7	2 21	3	4
T 16	18 40	16 8	1 43	19 29	0 31	16 37	0 45	21 18	0 53	21 13	0 29	1 0	2 14	10 11	0 45	9 5	1 43	3 20	14 42	19 54	19 40	16 9	2 21	3	4
W17	18 55	12 37	2 45	19 58	0 38	17 0	0 43	21 16	0 56	21 15	0 29	1 2	2 15	10 11	0 45	9 6	1 43	3 20	14 42	19 54	19 41	16 11	2 20	3	4
T 18	19 10	8 22	3 39	20 26	0 44	17 22	0 41	21 14	0 59	21 17	0 29	1 4	2 15	10 10	0 45	9 7	1 43	3 19	14 42	19 54	19 42	16 13	2 19	3	3
F 19	19 24	3 32	4 24	20 53	0 50	17 44	0 39	21 12	1 1	21 20	0 29	1 6	2 15	10 10	0 45	9 7	1 43	3 19	14 41	19 55	19 42	16 14	2 19	3	3
S 20	19 38	1n40	4 53	21 18	0 56	18 5	0 37	21 10	1 4	21 22	0 29	1 8	2 15	10 9	0 45	9 8	1 43	3 19	14 41	19 57	19 43	16 16	2 18	3	3
S 21	19 52	6 55	5 4	21 43	1 2	18 26	0 35	21 8	1 7	21 24	0 29	1 10	2 15	10 9	0 45	9 9	1 43	3 19	14 41	19 59	19 44	16 18	2 17	3	3
M22	20 5	11 52	4 54	22 7	1 8	18 46	0 33	21 6	1 10	21 26	0 29	1 12	2 16	10 8	0 45	9 9	1 43	3 18	14 41	20 1	19 45	16 19	2 17	3	2
T 23	20 18	16 7	4 23	22 30	1 14	19 5	0 30	21 4	1 13	21 28	0 29	1 14	2 16	10 8	0 46	9 10	1 44	3 18	14 41	20 3	19 45	16 21	2 16	3	2
W24	20 30	19 15	3 33	22 51	1 19	19 25	0 28	21 1	1 15	21 30	0 29	1 16	2 16	10 8	0 46	9 11	1 44	3 18	14 41	20 5	19 46	16 23	2 15	3	2
T 25	20 42	21 0	2 28	23 12	1 25	19 43	0 26	20 59	1 18	21 32	0 28	1 18	2 16	10 7	0 46	9 11	1 44	3 18	14 41	20 6	19 47	16 25	2 15	3	2
F 26	20 54	21 15	1 15	23 31	1 30	20 1	0 23	20 56	1 21	21 34	0 28	1 20	2 16	10 7	0 46	9 12	1 44	3 18	14 41	20 7	19 47	16 26	2 14	3	2
S 27	21 5	20 6	0n 1	23 49	1 35	20 19	0 21	20 54	1 23	21 36	0 28	1 22	2 17	10 7	0 46	9 13	1 44	3 18	14 41	20 7	19 48	16 28	2 14	3	1
S 28	21 16	17 45	1 14	24 6	1 39	20 36	0 19	20 51	1 25	21 38	0 28	1 23	2 17	10 7	0 46	9 13	1 44	3 17	14 41	20 7	19 49	16 30	2 13	3	1
M29	21 27	14 30	2 22	24 22	1 44	20 52	0 16	20 49	1 28	21 40	0 28	1 25	2 17	10 6	0 46	9 14	1 44	3 17	14 41	20 6	19 50	16 31	2 13	3	1
T 30	21s37	10n38	3n19	24s36	1s48	21s 8	0n14	20n46	1n30	21s42	0n28	1s27	2n17	10n 6	0n46	9s14	1n44	3n17	14s40	20n 6	19n50	16s33	2n12	3n	1

Julian Day Number = 2315613.5, Delta T = 59.72 sec
Ecliptic obliquity = 23°29'11, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°32'45, Lahiri = 18°39'46Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1627
geocentric

DECEMBER 1627 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 38 2	8♐36'42	23♍22	18♐ 6	7♐18	25°R45	11♐28	9♎ 2	5♍50	28♎14	18°R41	0°R22	1♌34	3♐24	28°R36	W 1
T 2	4 41 58	9°37'39	5♎44	19°39	8°34	25♑26	11°41	9° 6	5°51	28°16	18♑40	0♌19	1°31	3°31	28♓36	T 2
F 3	4 45 55	10°38'38	17°54	21°12	9°49	25° 8	11°55	9°11	5°51	28°18	18°38	0°13	1°28	3°38	28°35	F 3
S 4	4 49 51	11°39'37	29°55	22°45	11° 5	24°50	12° 8	9°16	5°52	28°19	18°37	0° 5	1°24	3°44	28°35	S 4
S 5	4 53 48	12°40'38	11♏50	24°18	12°20	24°33	12°22	9°20	5°52	28°21	18°36	29♋56	1°21	3°51	28°35	S 5
M 6	4 57 44	13°41'40	23°43	25°51	13°36	24°16	12°35	9°25	5°52	28°23	18°35	29°47	1°18	3°58	28°34	M 6
T 7	5 1 41	14°42'43	5♐33	27°23	14°52	24° 0	12°49	9°29	5°53	28°25	18°34	29°37	1°15	4° 4	28°34	T 7
W 8	5 5 38	15°43'46	17°24	28°56	16° 7	23°45	13° 3	9°34	5°53	28°26	18°33	29°29	1°12	4°11	28°34	W 8
T 9	5 9 34	16°44'51	29°17	0♑28	17°23	23°31	13°16	9°38	5°53	28°28	18°32	29°23	1° 8	4°18	28°34	T 9
F 10	5 13 31	17°45'56	11♑14	2° 0	18°38	23°17	13°30	9°42	5°53	28°30	18°31	29°19	1° 5	4°25	28°D34	F 10
S 11	5 17 27	18°47'02	23°16	3°32	19°54	23° 4	13°43	9°46	5°53	28°31	18°30	29°17	1° 2	4°31	28°34	S 11
S 12	5 21 24	19°48'08	5♒26	5° 3	21° 9	22°52	13°57	9°50	5°R53	28°33	18°30	29°D17	0°59	4°38	28°34	S 12
M13	5 25 20	20°49'14	17°48	6°33	22°25	22°41	14°11	9°54	5°53	28°34	18°29	29°18	0°56	4°45	28°34	M13
T 14	5 29 17	21°50'21	0♓24	8° 3	23°40	22°30	14°24	9°58	5°53	28°36	18°28	29°20	0°53	4°51	28°34	T 14
W15	5 33 13	22°51'28	13°19	9°32	24°56	22°21	14°38	10° 2	5°53	28°37	18°27	29°21	0°49	4°58	28°35	W15
T 16	5 37 10	23°52'36	26°36	11° 0	26°11	22°12	14°51	10° 6	5°53	28°39	18°26	29°R22	0°46	5° 5	28°35	T 16
F 17	5 41 7	24°53'43	10♈18	12°27	27°27	22° 4	15° 5	10° 9	5°52	28°40	18°25	29°21	0°43	5°12	28°35	F 17
S 18	5 45 3	25°54'51	24°27	13°52	28°42	21°57	15°18	10°13	5°52	28°42	18°24	29°18	0°40	5°18	28°36	S 18
S 19	5 49 0	26°55'58	9♉ 0	15°16	29°58	21°50	15°32	10°16	5°52	28°43	18°23	29°14	0°37	5°25	28°36	S 19
M20	5 52 56	27°57'06	23°53	16°37	1♑13	21°45	15°45	10°19	5°51	28°44	18°22	29° 9	0°34	5°32	28°37	M20
T 21	5 56 53	28°58'15	9♊ 1	17°56	2°29	21°40	15°59	10°23	5°51	28°46	18°22	29° 5	0°30	5°38	28°37	T 21
W22	6 0 49	29°59'23	24°13	19°13	3°44	21°36	16°12	10°26	5°50	28°47	18°21	29° 1	0°27	5°45	28°38	W22
T 23	6 4 46	1♑ 0'31	9♋19	20°25	5° 0	21°33	16°25	10°29	5°50	28°48	18°20	28°58	0°24	5°52	28°39	T 23
F 24	6 8 42	2° 1'40	24° 9	21°34	6°15	21°31	16°39	10°32	5°49	28°50	18°19	28°D57	0°21	5°58	28°39	F 24
S 25	6 12 39	3° 2'49	8♌38	22°38	7°31	21°29	16°52	10°34	5°48	28°51	18°18	28°57	0°18	6° 5	28°40	S 25
S 26	6 16 36	4° 3'59	22°40	23°36	8°46	21°D29	17° 6	10°37	5°47	28°52	18°18	28°59	0°14	6°12	28°41	S 26
M27	6 20 32	5° 5'08	6♍14	24°29	10° 1	21°29	17°19	10°40	5°47	28°53	18°17	29° 0	0°11	6°18	28°42	M27
T 28	6 24 29	6° 6'18	19°22	25°14	11°17	21°30	17°32	10°42	5°46	28°54	18°16	29° 2	0° 8	6°25	28°43	T 28
W29	6 28 25	7° 7'28	2♎ 7	25°52	12°32	21°31	17°45	10°45	5°45	28°55	18°16	29°R 3	0° 5	6°32	28°44	W29
T 30	6 32 22	8° 8'39	14°31	26°20	13°48	21°34	17°59	10°47	5°44	28°56	18°15	29° 2	0° 2	6°39	28°45	T 30
F 31	6 36 18	9♑ 9'49	26♎41	26♑39	15♑ 3	21♑37	18♐12	10♎49	5♍43	28♎58	18♑14	29♋ 1	29♋59	6♐45	28♓46	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	21s47	6n24	4n 6	24s49	1s52	21s23	0n12	20n44	1n32	21s44	0n28	1s29	2n17	10n 6	0n46	9s15	1n44	3n17	14s40	20n 7	19n51	16s35	2n12	3n 0
T 2	21 56	2 0	4 39	25 1	1 56	21 37	0 9	20 41	1 35	21 46	0 28	1 30	2 18	10 6	0 46	9 16	1 44	3 17	14 40	20 7	19 52	16 37	2 12	3 0
F 3	22 5	2s25	5 0	25 11	2 0	21 51	0 7	20 39	1 37	21 48	0 28	1 32	2 18	10 6	0 46	9 16	1 44	3 17	14 40	20 9	19 52	16 38	2 11	3 0
S 4	22 14	6 40	5 7	25 20	2 3	22 4	0 5	20 37	1 39	21 50	0 28	1 34	2 18	10 6	0 46	9 17	1 44	3 17	14 40	20 10	19 53	16 40	2 11	3 0
S 5	22 22	10 39	5 0	25 27	2 6	22 17	0 2	20 34	1 41	21 52	0 28	1 35	2 18	10 5	0 46	9 17	1 44	3 16	14 40	20 12	19 54	16 42	2 10	2 59
M 6	22 29	14 12	4 41	25 33	2 8	22 29	0s 0	20 32	1 43	21 54	0 28	1 37	2 19	10 5	0 46	9 18	1 44	3 16	14 40	20 14	19 55	16 43	2 10	2 59
T 7	22 36	17 11	4 9	25 38	2 11	22 40	0 3	20 30	1 45	21 56	0 27	1 38	2 19	10 5	0 46	9 19	1 44	3 16	14 39	20 16	19 55	16 45	2 10	2 59
W 8	22 43	19 27	3 27	25 41	2 12	22 51	0 5	20 28	1 46	21 57	0 27	1 40	2 19	10 5	0 46	9 19	1 44	3 16	14 39	20 18	19 56	16 47	2 10	2 59
T 9	22 49	20 54	2 35	25 43	2 14	23 1	0 7	20 26	1 48	21 59	0 27	1 41	2 19	10 5	0 46	9 20	1 44	3 16	14 39	20 19	19 57	16 48	2 9	2 58
F 10	22 55	21 24	1 36	25 43	2 15	23 10	0 10	20 24	1 50	22 1	0 27	1 43	2 20	10 5	0 46	9 20	1 44	3 16	14 39	20 20	19 57	16 50	2 9	2 58
S 11	23 1	20 56	0 33	25 42	2 16	23 18	0 12	20 22	1 51	22 3	0 27	1 44	2 20	10 5	0 46	9 21	1 44	3 16	14 39	20 20	19 58	16 52	2 9	2 58
S 12	23 6	19 29	0s33	25 39	2 16	23 26	0 15	20 20	1 53	22 4	0 27	1 46	2 20	10 5	0 46	9 21	1 44	3 16	14 38	20 20	19 59	16 53	2 9	2 58
M13	23 10	17 6	1 39	25 34	2 15	23 33	0 17	20 19	1 54	22 6	0 27	1 47	2 20	10 5	0 46	9 22	1 44	3 16	14 38	20 20	19 59	16 55	2 9	2 58
T 14	23 14	13 52	2 41	25 29	2 14	23 39	0 19	20 18	1 55	22 8	0 27	1 48	2 21	10 5	0 46	9 22	1 44	3 16	14 38	20 20	20 0	16 57	2 8	2 57
W15	23 18	9 54	3 37	25 21	2 13	23 45	0 22	20 16	1 57	22 9	0 27	1 49	2 21	10 6	0 47	9 23	1 44	3 16	14 38	20 20	20 1	16 58	2 8	2 57
T 16	23 21	5 22	4 23	25 12	2 11	23 50	0 24	20 15	1 58	22 11	0 27	1 51	2 21	10 6	0 47	9 23	1 45	3 16	14 38	20 19	20 1	17 0	2 8	2 57
F 17	23 23	0 26	4 55	25 1	2 8	23 54	0 26	20 14	1 59	22 12	0 27	1 52	2 21	10 6	0 47	9 24	1 45	3 16	14 37	20 20	20 2	17 2	2 8	2 57
S 18	23 25	4n40	5 11	24 49	2 4	23 57	0 28	20 13	2 0	22 14	0 27	1 53	2 22	10 6	0 47	9 24	1 45	3 16	14 37	20 20	20 3	17 3	2 8	2 56
S 19	23 27	9 39	5 8	24 36	2 0	24 0	0 31	20 13	2 1	22 16	0 26	1 54	2 22	10 6	0 47	9 25	1 45	3 16	14 37	20 21	20 4	17 5	2 8	2 56
M20	23 28	14 12	4 44	24 21	1 55	24 2	0 33	20 12	2 2	22 17	0 26	1 55	2 22	10 6	0 47	9 25	1 45	3 16	14 37	20 22	20 4	17 7	2 8	2 56
T 21	23 29	17 53	4 0	24 5	1 49	24 3	0 35	20 12	2 3	22 19	0 26	1 56	2 22	10 7	0 47	9 25	1 45	3 16	14 37	20 23	20 5	17 8	2 8	2 56
W22	23 29	20 23	2 59	23 48	1 43	24 3	0 37	20 12	2 4	22 20	0 26	1 57	2 23	10 7	0 47	9 26	1 45	3 16	14 36	20 24	20 6	17 10	2 8	2 55
T 23	23 29	21 24	1 46	23 30	1 35	24 3	0 40	20 12	2 5	22 21	0 26	1 58	2 23	10 7	0 47	9 26	1 45	3 16	14 36	20 24	20 6	17 12	2 8	2 55
F 24	23 28	20 53	0 26	23 10	1 26	24 2	0 42	20 12	2 6	22 23	0 26	1 59	2 23	10 7	0 47	9 27	1 45	3 16	14 36	20 25	20 7	17 13	2 8	2 55
S 25	23 27	18 59	0n53	22 50	1 17	24 0	0 44	20 13	2 7	22 24	0 26	2 0	2 23	10 8	0 47	9 27	1 45	3 16	14 36	20 24	20 8	17 15	2 8	2 55
S 26	23 25	15 59	2 7	22 30	1 6	23 57	0 46	20 13	2 7	22 26	0 26	2 0	2 24	10 8	0 47	9 27	1 45	3 16	14 35	20 24	20 8	17 17	2 9	2 54
M27	23 23	12 12	3 11	22 9	0 54	23 54	0 48	20 14	2 8	22 27	0 26	2 1	2 24	10 8	0 47	9 28	1 45	3 16	14 35	20 24	20 9	17 18	2 9	2 54
T 28	23 21	7 56	4 3	21 48	0 41	23 50	0 50	20 15	2 9	22 28	0 26	2 2	2 24	10 9	0 47	9 28	1 45	3 16	14 35	20 24	20 10	17 20	2 9	2 54
W29	23 18	3 28	4 41	21 27	0 26	23 45	0 52	20 16	2 9	22 30	0 26	2 3	2 25	10 9	0 47	9 28	1 45	3 16	14 35	20 23	20 10	17 22	2 9	2 54
T 30	23 14	1s 3	5 5	21 6	0 11	23 40	0 54	20 17	2 10	22 31	0 26	2 3	2 25	10 10	0 47	9 29	1 45	3 16	14 34	20 23	20 11	17 23	2 9	2 54
F 31	23s10	5s25	5n15	20s47	0n 5	23s33	0s56	20n18	2n10	22s32	0n26	2s 4	2n25	10n10	0n47	9s29	1n45	3n16	14s34	20n24	20n12	17s25	2n10	2n53

Julian Day Number = 2315643.5, Delta T = 59.65 sec
Ecliptic obliquity = 23°29'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°32'49, Lahiri = 18°39'50Greg. Calendar