Astrodienst Ephemeris Tables

for the year 1673

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 1673
geocentric

JANUARY 1673 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 44 37	11♑17'07	11♊19	26♑46	9♒18	13♈17	16♎44	26♓23	14♓52	4♒14	4°R 6	27°R55	29♒31	8♑ 3	17♓ 5	S 1
M 2	6 48 33	12°18'16	26°29	28°18	10°33	13°51	16°49	26°26	14°54	4°16	4♋ 5	27♒48	29°28	8° 9	17° 7	M 2
T 3	6 52 30	13°19'25	11♋49	29°49	11°47	14°25	16°55	26°30	14°56	4°18	4° 4	27°41	29°25	8°16	17° 9	T 3
W 4	6 56 26	14°20'33	27° 6	1♒19	13° 1	15° 0	17° 0	26°34	14°58	4°21	4° 2	27°36	29°22	8°23	17°11	W 4
T 5	7 0 23	15°21'41	12♌ 9	2°46	14°16	15°34	17° 5	26°38	15° 0	4°23	4° 1	27°33	29°19	8°30	17°13	T 5
F 6	7 4 19	16°22'49	26°52	4°11	15°30	16° 9	17°10	26°42	15° 2	4°25	4° 0	27°D32	29°15	8°36	17°15	F 6
S 7	7 8 16	17°23'57	11♍ 8	5°33	16°44	16°44	17°14	26°46	15° 4	4°27	3°59	27°33	29°12	8°43	17°18	S 7
S 8	7 12 13	18°25'04	24°55	6°51	17°58	17°18	17°19	26°50	15° 6	4°29	3°58	27°34	29° 9	8°50	17°20	S 8
M 9	7 16 9	19°26'11	8♎16	8° 5	19°12	17°53	17°23	26°54	15° 9	4°31	3°56	27°36	29° 6	8°56	17°22	M 9
T 10	7 20 6	20°27'19	21°12	9°14	20°27	18°28	17°27	26°58	15°11	4°34	3°55	27°R36	29° 3	9° 3	17°25	T 10
W11	7 24 2	21°28'26	3♏48	10°17	21°41	19° 3	17°31	27° 3	15°13	4°36	3°54	27°35	29° 0	9°10	17°27	W11
T 12	7 27 59	22°29'33	16° 7	11°15	22°55	19°39	17°35	27° 7	15°15	4°38	3°53	27°33	28°56	9°16	17°29	T 12
F 13	7 31 55	23°30'39	28°14	12° 4	24° 9	20°14	17°38	27°12	15°18	4°40	3°52	27°29	28°53	9°23	17°32	F 13
S 14	7 35 52	24°31'45	10♐12	12°46	25°23	20°49	17°42	27°16	15°20	4°43	3°51	27°23	28°50	9°30	17°34	S 14
S 15	7 39 48	25°32'51	22° 5	13°19	26°37	21°25	17°45	27°21	15°23	4°45	3°49	27°17	28°47	9°36	17°37	S 15
M16	7 43 45	26°33'56	3♑56	13°41	27°51	22° 0	17°48	27°26	15°25	4°47	3°48	27°11	28°44	9°43	17°40	M16
T 17	7 47 42	27°35'01	15°45	13°54	29° 4	22°36	17°51	27°31	15°28	4°49	3°47	27° 6	28°41	9°50	17°42	T 17
W18	7 51 38	28°36'05	27°37	13°R55	0♓18	23°11	17°54	27°36	15°30	4°52	3°46	27° 1	28°37	9°57	17°45	W18
T 19	7 55 35	29°37'08	9♒31	13°44	1°32	23°47	17°56	27°41	15°33	4°54	3°45	26°58	28°34	10° 3	17°48	T 19
F 20	7 59 31	0♒38'10	21°31	13°22	2°46	24°23	17°59	27°46	15°36	4°56	3°44	26°D57	28°31	10°10	17°50	F 20
S 21	8 3 28	1°39'11	3♓38	12°49	4° 0	24°59	18° 1	27°51	15°38	4°59	3°43	26°57	28°28	10°17	17°53	S 21
S 22	8 7 24	2°40'12	15°54	12° 5	5°13	25°35	18° 3	27°56	15°41	5° 1	3°42	26°58	28°25	10°23	17°56	S 22
M23	8 11 21	3°41'11	28°22	11°12	6°27	26°11	18° 5	28° 2	15°44	5° 3	3°41	27° 0	28°21	10°30	17°59	M23
T 24	8 15 17	4°42'09	11♈ 6	10°11	7°40	26°47	18° 6	28° 7	15°46	5° 5	3°40	27° 1	28°18	10°37	18° 2	T 24
W25	8 19 14	5°43'05	24° 8	9° 3	8°54	27°23	18° 8	28°13	15°49	5° 8	3°39	27° 3	28°15	10°43	18° 5	W25
T 26	8 23 11	6°44'00	7♉31	7°52	10° 7	27°59	18° 9	28°18	15°52	5°10	3°38	27°R 3	28°12	10°50	18° 8	T 26
F 27	8 27 7	7°44'55	21°18	6°38	11°21	28°36	18°10	28°24	15°55	5°12	3°37	27° 3	28° 9	10°57	18°11	F 27
S 28	8 31 4	8°45'47	5♊28	5°24	12°34	29°12	18°11	28°30	15°58	5°14	3°36	27° 1	28° 6	11° 3	18°14	S 28
S 29	8 35 0	9°46'39	20° 0	4°12	13°47	29°48	18°11	28°35	16° 1	5°17	3°35	26°59	28° 2	11°10	18°17	S 29
M30	8 38 57	10°47'29	4♋51	3° 4	15° 0	0♉25	18°12	28°41	16° 4	5°19	3°34	26°57	27°59	11°17	18°20	M30
T 31	8 42 53	11♒48'17	19♋53	2♒ 1	16♓14	1♉ 1	18♎12	28♓47	16♓ 7	5♒21	3♋33	26♒55	27♒56	11♑23	18♓23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 0	27n 7	5n 0	22s43	1s54	19s37	1s43	5n33	0n19	5s22	1n19	3s34	2s19	6s40	0s45	19s 8	0n 6	19n46	3s39	12s13	11s40	27s16	1s19	4n 7
M 2	22 55	27 57	4 30	22 20	1 49	19 17	1 43	5 47	0 21	5 24	1 19	3 33	2 19	6 39	0 45	19 8	0 6	19 46	3 39	12 16	11 41	27 15	1 19	4 6
T 3	22 49	26 38	3 42	21 55	1 44	18 56	1 43	6 2	0 22	5 26	1 20	3 31	2 19	6 38	0 45	19 7	0 6	19 47	3 39	12 18	11 42	27 14	1 18	4 6
W 4	22 43	23 21	2 37	21 29	1 38	18 35	1 43	6 16	0 23	5 28	1 20	3 29	2 19	6 38	0 45	19 7	0 6	19 47	3 39	12 20	11 43	27 13	1 18	4 6
T 5	22 36	18 30	1 22	21 3	1 30	18 13	1 43	6 31	0 24	5 29	1 20	3 28	2 18	6 37	0 45	19 6	0 6	19 47	3 39	12 21	11 44	27 12	1 17	4 5
F 6	22 29	12 38	0 4	20 35	1 22	17 51	1 42	6 45	0 25	5 31	1 20	3 26	2 18	6 36	0 45	19 6	0 6	19 47	3 39	12 21	11 45	27 11	1 17	4 5
S 7	22 21	6 17	1s13	20 6	1 13	17 28	1 42	7 0	0 27	5 32	1 21	3 24	2 18	6 35	0 45	19 5	0 6	19 47	3 38	12 21	11 46	27 10	1 16	4 5
S 8	22 13	0s10	2 23	19 37	1 3	17 5	1 42	7 14	0 28	5 34	1 21	3 22	2 18	6 34	0 45	19 5	0 6	19 47	3 38	12 20	11 47	27 9	1 15	4 5
M 9	22 4	6 24	3 23	19 7	0 52	16 42	1 41	7 28	0 29	5 35	1 21	3 20	2 18	6 33	0 45	19 4	0 6	19 47	3 38	12 20	11 49	27 8	1 15	4 4
T 10	21 55	12 10	4 11	18 38	0 40	16 17	1 41	7 43	0 30	5 37	1 21	3 19	2 18	6 32	0 45	19 4	0 6	19 47	3 38	12 20	11 50	27 7	1 14	4 4
W11	21 46	17 16	4 45	18 8	0 28	15 53	1 40	7 57	0 31	5 38	1 22	3 17	2 17	6 31	0 45	19 3	0 6	19 47	3 38	12 20	11 51	27 6	1 13	4 4
T 12	21 36	21 33	5 5	17 39	0 14	15 28	1 39	8 12	0 32	5 39	1 22	3 15	2 17	6 31	0 45	19 3	0 6	19 48	3 38	12 21	11 52	27 5	1 13	4 4
F 13	21 26	24 51	5 11	17 11	0n 1	15 3	1 38	8 26	0 33	5 40	1 22	3 13	2 17	6 30	0 45	19 2	0 6	19 48	3 38	12 22	11 53	27 3	1 12	4 3
S 14	21 15	27 2	5 4	16 44	0 17	14 37	1 37	8 40	0 34	5 41	1 22	3 11	2 17	6 29	0 45	19 2	0 6	19 48	3 38	12 24	11 54	27 2	1 11	4 3
S 15	21 4	27 57	4 43	16 19	0 33	14 11	1 36	8 54	0 35	5 42	1 23	3 9	2 17	6 28	0 45	19 1	0 6	19 48	3 38	12 26	11 55	27 1	1 10	4 3
M16	20 53	27 36	4 10	15 56	0 51	13 44	1 35	9 9	0 36	5 43	1 23	3 6	2 16	6 27	0 45	19 1	0 6	19 48	3 38	12 28	11 56	27 0	1 10	4 3
T 17	20 41	25 58	3 27	15 36	1 8	13 17	1 34	9 23	0 37	5 44	1 23	3 4	2 16	6 26	0 45	19 0	0 6	19 48	3 38	12 30	11 57	26 59	1 9	4 2
W18	20 29	23 12	2 34	15 18	1 26	12 50	1 33	9 37	0 38	5 45	1 23	3 2	2 16	6 25	0 45	19 0	0 6	19 48	3 38	12 32	11 58	26 58	1 8	4 2
T 19	20 16	19 25	1 34	15 4	1 45	12 22	1 32	9 51	0 39	5 46	1 24	3 0	2 16	6 24	0 45	18 59	0 6	19 48	3 37	12 33	12 0	26 57	1 7	4 2
F 20	20 3	14 50	0 30	14 53	2 3	11 55	1 30	10 5	0 40	5 46	1 24	2 58	2 16	6 22	0 45	18 59	0 6	19 49	3 37	12 33	12 1	26 56	1 6	4 2
S 21	19 50	9 37	0n37	14 45	2 20	11 26	1 29	10 19	0 41	5 47	1 24	2 56	2 16	6 21	0 45	18 58	0 6	19 49	3 37	12 33	12 2	26 55	1 5	4 2
S 22	19 36	4 0	1 42	14 42	2 36	10 58	1 27	10 33	0 42	5 47	1 24	2 53	2 15	6 20	0 45	18 57	0 6	19 49	3 37	12 33	12 3	26 54	1 4	4 1
M23	19 22	1n52	2 45	14 42	2 52	10 29	1 26	10 47	0 42	5 48	1 25	2 51	2 15	6 19	0 45	18 57	0 6	19 49	3 37	12 32	12 4	26 53	1 4	4 1
T 24	19 7	7 46	3 40	14 45	3 5	10 0	1 24	11 1	0 43	5 48	1 25	2 49	2 15	6 18	0 44	18 56	0 6	19 49	3 37	12 32	12 5	26 51	1 3	4 1
W25	18 53	13 29	4 25	14 52	3 17	9 31	1 22	11 15	0 44	5 49	1 25	2 46	2 15	6 17	0 44	18 56	0 6	19 49	3 37	12 31	12 6	26 50	1 2	4 1
T 26	18 37	18 44	4 58	15 1	3 26	9 1	1 20	11 29	0 45	5 49	1 25	2 44	2 15	6 16	0 44	18 55	0 6	19 49	3 37	12 31	12 7	26 49	1 1	4 1
F 27	18 22	23 10	5 14	15 13	3 33	8 32	1 18	11 42	0 46	5 49	1 26	2 42	2 15	6 15	0 44	18 55	0 6	19 49	3 37	12 31	12 8	26 48	1 0	4 0
S 28	18 6	26 22	5 12	15 26	3 37	8 2	1 16	11 56	0 46	5 49	1 26	2 39	2 14	6 14	0 44	18 54	0 6	19 50	3 37	12 32	12 10	26 47	0 59	4 0
S 29	17 50	27 56	4 51	15 41	3 39	7 32	1 14	12 10	0 47	5 49	1 26	2 37	2 14	6 13	0 44	18 54	0 6	19 50	3 36	12 32	12 11	26 46	0 58	4 0
M30	17 34	27 33	4 10	15 57	3 39	7 1	1 12	12 23	0 48	5 49	1 26	2 34	2 14	6 11	0 44	18 53	0 6	19 50	3 36	12 33	12 12	26 44	0 57	4 0
T 31	17s17	25n 9	3n11	16s14	3n36	6s31	1s10	12n37	0n49	5s49	1n27	2s32	2s14	6s10	0s44	18s53	0n 6	19n50	3s36	12s34	12s13	26s43	0s56	4n 0

Julian Day Number = 2332111.5, Delta T = 27.84 sec
Ecliptic obliquity = 23°29'02, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°10'33, Lahiri = 19°17'34Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1673
geocentric

FEBRUARY 1673 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 46 50	12♒49'04	4♌59	1°R 5	17♓27	1♉38	18°R12	28♓53	16♓10	5♒24	3°R32	26°R53	27♒53	11♉30	18♓26	W 1
T 2	8 50 46	13°49'50	19°58	0♒17	18°40	2°14	18♎12	28°59	16°13	5°26	3♋31	26°D53	27°50	11°37	18°29	T 2
F 3	8 54 43	14°50'35	4♍42	29♉36	19°52	2°51	18°12	29° 5	16°16	5°28	3°30	26♒53	27°47	11°44	18°33	F 3
S 4	8 58 40	15°51'18	19° 6	29° 3	21° 5	3°27	18°11	29°11	16°19	5°30	3°29	26°53	27°43	11°50	18°36	S 4
S 5	9 2 36	16°52'00	3♎ 4	28°39	22°18	4° 4	18°11	29°17	16°22	5°33	3°28	26°54	27°40	11°57	18°39	S 5
M 6	9 6 33	17°52'41	16°35	28°22	23°31	4°41	18°10	29°24	16°25	5°35	3°27	26°55	27°37	12° 4	18°43	M 6
T 7	9 10 29	18°53'21	29°40	28°14	24°43	5°17	18° 9	29°30	16°28	5°37	3°27	26°56	27°34	12°10	18°46	T 7
W 8	9 14 26	19°54'00	12♏22	28°D13	25°56	5°54	18° 8	29°36	16°31	5°39	3°26	26°56	27°31	12°17	18°49	W 8
T 9	9 18 22	20°54'38	24°45	28°19	27° 9	6°31	18° 6	29°43	16°34	5°41	3°25	26°R56	27°27	12°24	18°53	T 9
F 10	9 22 19	21°55'14	6♐52	28°31	28°21	7° 8	18° 5	29°49	16°37	5°44	3°24	26°56	27°24	12°30	18°56	F 10
S 11	9 26 15	22°55'49	18°49	28°50	29°33	7°44	18° 3	29°55	16°41	5°46	3°23	26°56	27°21	12°37	18°59	S 11
S 12	9 30 12	23°56'23	0♉40	29°14	0♈46	8°21	18° 1	0♈ 2	16°44	5°48	3°23	26°55	27°18	12°44	19° 3	S 12
M13	9 34 9	24°56'56	12°29	29°44	1°58	8°58	17°59	0° 9	16°47	5°50	3°22	26°55	27°15	12°50	19° 6	M13
T 14	9 38 5	25°57'27	24°19	0♒18	3°10	9°35	17°56	0°15	16°50	5°52	3°21	26°55	27°12	12°57	19°10	T 14
W15	9 42 2	26°57'57	6♒14	0°57	4°22	10°12	17°54	0°22	16°54	5°55	3°21	26°D55	27° 8	13° 4	19°13	W15
T 16	9 45 58	27°58'25	18°16	1°41	5°34	10°49	17°51	0°29	16°57	5°57	3°20	26°55	27° 5	13°10	19°17	T 16
F 17	9 49 55	28°58'52	0♓27	2°27	6°46	11°26	17°48	0°35	17° 0	5°59	3°19	26°R55	27° 2	13°17	19°20	F 17
S 18	9 53 51	29°59'17	12°49	3°18	7°57	12° 3	17°45	0°42	17° 4	6° 1	3°19	26°55	26°59	13°24	19°24	S 18
S 19	9 57 48	0♓59'40	25°22	4°12	9° 9	12°41	17°42	0°49	17° 7	6° 3	3°18	26°54	26°56	13°30	19°28	S 19
M20	10 1 44	2° 0'01	8♈ 8	5° 8	10°20	13°18	17°38	0°56	17°10	6° 5	3°18	26°54	26°53	13°37	19°31	M20
T 21	10 5 41	3° 0'21	21° 8	6° 8	11°32	13°55	17°35	1° 3	17°14	6° 7	3°17	26°53	26°49	13°44	19°35	T 21
W22	10 9 38	4° 0'38	4♉22	7°10	12°43	14°32	17°31	1°10	17°17	6° 9	3°17	26°52	26°46	13°51	19°38	W22
T 23	10 13 34	5° 0'54	17°52	8°15	13°55	15° 9	17°27	1°17	17°20	6°12	3°16	26°52	26°43	13°57	19°42	T 23
F 24	10 17 31	6° 1'07	1♊36	9°21	15° 6	15°46	17°23	1°24	17°24	6°14	3°16	26°D51	26°40	14° 4	19°46	F 24
S 25	10 21 27	7° 1'19	15°37	10°30	16°17	16°24	17°18	1°31	17°27	6°16	3°15	26°51	26°37	14°11	19°49	S 25
S 26	10 25 24	8° 1'28	29°51	11°41	17°28	17° 1	17°14	1°38	17°30	6°18	3°15	26°52	26°33	14°17	19°53	S 26
M27	10 29 20	9° 1'35	14♋18	12°54	18°38	17°38	17° 9	1°45	17°34	6°20	3°14	26°53	26°30	14°24	19°57	M27
T 28	10 33 17	10♓ 1'40	28♋54	14♒ 9	19♈49	18♉16	17♎ 5	1♈52	17♓37	6♒22	3♋14	26♒54	26♒27	14♉31	20♓ 0	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s 0	20n58	1n58	16s30	3n32	6s 0	1s 7	12n50	0n49	5s49	1n27	2s29	2s14	6s 9	0s44	18s52	0n 6	19n50	3s36	12s34	12s14	26s42	0s55	3n59
T 2	16 42	15 27	0 38	16 47	3 26	5 29	1 5	13 3	0 50	5 48	1 27	2 27	2 14	6 8	0 44	18 51	0 6	19 50	3 36	12 35	12 15	26 41	0 54	3 59
F 3	16 25	9 8	0s43	17 3	3 18	4 59	1 3	13 17	0 51	5 48	1 27	2 24	2 14	6 7	0 44	18 51	0 6	19 50	3 36	12 35	12 16	26 40	0 52	3 59
S 4	16 7	2 29	2 0	17 18	3 9	4 27	1 0	13 30	0 51	5 48	1 28	2 22	2 13	6 5	0 44	18 50	0 5	19 51	3 36	12 34	12 17	26 38	0 51	3 59
S 5	15 49	4s 5	3 7	17 33	2 59	3 56	0 57	13 43	0 52	5 47	1 28	2 19	2 13	6 4	0 44	18 50	0 5	19 51	3 36	12 34	12 18	26 37	0 50	3 59
M 6	15 30	10 15	4 2	17 47	2 48	3 25	0 55	13 56	0 53	5 47	1 28	2 17	2 13	6 3	0 44	18 49	0 5	19 51	3 36	12 34	12 19	26 36	0 49	3 58
T 7	15 11	15 46	4 42	18 0	2 36	2 54	0 52	14 9	0 53	5 46	1 28	2 14	2 13	6 2	0 44	18 49	0 5	19 51	3 35	12 33	12 20	26 35	0 48	3 58
W 8	14 52	20 27	5 7	18 12	2 25	2 22	0 49	14 22	0 54	5 45	1 29	2 11	2 13	6 0	0 44	18 48	0 5	19 51	3 35	12 33	12 22	26 33	0 47	3 58
T 9	14 33	24 7	5 17	18 22	2 13	1 51	0 46	14 35	0 55	5 45	1 29	2 9	2 13	5 59	0 44	18 48	0 5	19 51	3 35	12 33	12 23	26 32	0 46	3 58
F 10	14 14	26 38	5 13	18 32	2 0	1 19	0 43	14 47	0 55	5 44	1 29	2 6	2 13	5 58	0 44	18 47	0 5	19 51	3 35	12 33	12 24	26 31	0 44	3 58
S 11	13 54	27 54	4 55	18 40	1 48	0 48	0 40	15 0	0 56	5 43	1 29	2 3	2 13	5 57	0 44	18 47	0 5	19 52	3 35	12 34	12 25	26 30	0 43	3 58
S 12	13 34	27 53	4 24	18 47	1 36	0 16	0 37	15 12	0 56	5 42	1 30	2 1	2 13	5 55	0 44	18 46	0 5	19 52	3 35	12 34	12 26	26 28	0 42	3 57
M13	13 14	26 35	3 43	18 53	1 24	0n15	0 34	15 25	0 57	5 41	1 30	1 58	2 12	5 54	0 44	18 46	0 5	19 52	3 35	12 34	12 27	26 27	0 41	3 57
T 14	12 53	24 6	2 51	18 57	1 12	0 47	0 31	15 37	0 58	5 40	1 30	1 55	2 12	5 53	0 44	18 45	0 5	19 52	3 35	12 34	12 28	26 26	0 40	3 57
W15	12 33	20 34	1 52	19 1	1 0	1 19	0 28	15 50	0 58	5 38	1 30	1 53	2 12	5 52	0 44	18 45	0 5	19 52	3 34	12 34	12 29	26 24	0 38	3 57
T 16	12 12	16 8	0 48	19 2	0 48	1 50	0 25	16 2	0 59	5 37	1 31	1 50	2 12	5 50	0 44	18 44	0 5	19 52	3 34	12 34	12 30	26 23	0 37	3 57
F 17	11 51	11 2	0n20	19 3	0 37	2 22	0 21	16 14	0 59	5 36	1 31	1 47	2 12	5 49	0 44	18 44	0 5	19 52	3 34	12 34	12 31	26 22	0 36	3 57
S 18	11 30	5 25	1 27	19 2	0 26	2 53	0 18	16 26	1 0	5 34	1 31	1 44	2 12	5 48	0 44	18 43	0 5	19 53	3 34	12 34	12 32	26 21	0 35	3 57
S 19	11 8	0n29	2 32	19 0	0 15	3 25	0 14	16 38	1 0	5 33	1 31	1 41	2 12	5 46	0 44	18 42	0 5	19 53	3 34	12 34	12 34	26 19	0 33	3 56
M20	10 47	6 26	3 29	18 57	0 4	3 56	0 11	16 49	1 1	5 32	1 32	1 39	2 12	5 45	0 44	18 42	0 5	19 53	3 34	12 34	12 35	26 18	0 32	3 56
T 21	10 25	12 14	4 18	18 52	0s 6	4 27	0 7	17 1	1 1	5 30	1 32	1 36	2 12	5 44	0 44	18 41	0 5	19 53	3 34	12 34	12 36	26 17	0 31	3 56
W22	10 3	17 36	4 53	18 46	0 15	4 59	0 4	17 13	1 2	5 28	1 32	1 33	2 12	5 42	0 44	18 41	0 5	19 53	3 34	12 35	12 37	26 15	0 29	3 56
T 23	9 41	22 11	5 13	18 38	0 25	5 30	0 0	17 24	1 2	5 27	1 32	1 30	2 12	5 41	0 44	18 40	0 5	19 53	3 33	12 35	12 38	26 14	0 28	3 56
F 24	9 19	25 40	5 16	18 30	0 34	6 1	0n 3	17 35	1 3	5 25	1 32	1 27	2 11	5 40	0 44	18 40	0 5	19 53	3 33	12 35	12 39	26 12	0 27	3 56
S 25	8 57	27 41	5 0	18 19	0 43	6 31	0 7	17 47	1 3	5 23	1 33	1 24	2 11	5 38	0 44	18 39	0 5	19 54	3 33	12 35	12 40	26 11	0 25	3 56
S 26	8 35	27 55	4 26	18 8	0 51	7 2	0 11	17 58	1 3	5 21	1 33	1 21	2 11	5 37	0 44	18 39	0 5	19 54	3 33	12 35	12 41	26 10	0 24	3 56
M27	8 12	26 16	3 35	17 55	0 59	7 33	0 15	18 9	1 4	5 19	1 33	1 19	2 11	5 36	0 44	18 38	0 5	19 54	3 33	12 35	12 42	26 8	0 23	3 56
T 28	7s49	22n51	2n29	17s41	1s 7	8n 3	0n18	18n20	1n 4	5s17	1n33	1s16	2s11	5s34	0s44	18s38	0n 5	19n54	3s33	12s34	12s43	26s 7	0s21	3n55

Julian Day Number = 2332142.5, Delta T = 27.79 sec
Ecliptic obliquity = 23°29'02, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°10'37, Lahiri = 19°17'38Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1673
geocentric

MARCH 1673 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 37 13	11♓ 1'43	13♌34	15♒26	21♈ 0	18♉53	17°R 0	1♈59	17♓41	6♒24	3°R13	26♒55	26♒24	14♑37	20♓ 4	W 1
T 2	10 41 10	12° 1'44	28°11	16°44	22°10	19°30	16♎55	2° 7	17°44	6°26	3♋13	26°R55	26°21	14°44	20° 8	T 2
F 3	10 45 7	13° 1'43	12♍40	18° 3	23°20	20° 8	16°49	2°14	17°48	6°27	3°13	26°54	26°18	14°51	20°11	F 3
S 4	10 49 3	14° 1'39	26°55	19°25	24°30	20°45	16°44	2°21	17°51	6°29	3°12	26°53	26°14	14°57	20°15	S 4
S 5	10 53 0	15° 1'34	10♎50	20°47	25°41	21°22	16°38	2°28	17°54	6°31	3°12	26°51	26°11	15° 4	20°19	S 5
M 6	10 56 56	16° 1'28	24°24	22°12	26°50	22° 0	16°33	2°36	17°58	6°33	3°12	26°48	26° 8	15°11	20°22	M 6
T 7	11 0 53	17° 1'19	7♏33	23°37	28° 0	22°37	16°27	2°43	18° 1	6°35	3°12	26°45	26° 5	15°17	20°26	T 7
W 8	11 4 49	18° 1'09	20°21	25° 4	29°10	23°14	16°21	2°50	18° 5	6°37	3°11	26°43	26° 2	15°24	20°30	W 8
T 9	11 8 46	19° 0'57	2♐48	26°32	0♉19	23°52	16°15	2°58	18° 8	6°39	3°11	26°41	25°59	15°31	20°34	T 9
F 10	11 12 42	20° 0'43	14°59	28° 2	1°29	24°29	16° 9	3° 5	18°12	6°40	3°11	26°D40	25°55	15°37	20°37	F 10
S 11	11 16 39	21° 0'28	26°57	29°33	2°38	25° 7	16° 3	3°13	18°15	6°42	3°11	26°40	25°52	15°44	20°41	S 11
S 12	11 20 36	22° 0'11	8♑49	1♓ 5	3°47	25°44	15°56	3°20	18°18	6°44	3°11	26°41	25°49	15°51	20°45	S 12
M13	11 24 32	22°59'52	20°38	2°39	4°56	26°21	15°50	3°27	18°22	6°46	3°11	26°42	25°46	15°57	20°49	M13
T 14	11 28 29	23°59'31	2♒30	4°14	6° 5	26°59	15°43	3°35	18°25	6°47	3°11	26°44	25°43	16° 4	20°52	T 14
W15	11 32 25	24°59'09	14°28	5°50	7°13	27°36	15°36	3°42	18°29	6°49	3°11	26°46	25°39	16°11	20°56	W15
T 16	11 36 22	25°58'44	26°37	7°27	8°22	28°14	15°30	3°50	18°32	6°51	3°11	26°R46	25°36	16°17	21° 0	T 16
F 17	11 40 18	26°58'18	9♓ 0	9° 6	9°30	28°51	15°23	3°57	18°36	6°52	3°D11	26°45	25°33	16°24	21° 3	F 17
S 18	11 44 15	27°57'50	21°38	10°46	10°38	29°29	15°16	4° 5	18°39	6°54	3°11	26°43	25°30	16°31	21° 7	S 18
S 19	11 48 11	28°57'19	4♈31	12°27	11°46	0♊ 6	15° 9	4°12	18°42	6°55	3°11	26°39	25°27	16°37	21°11	S 19
M20	11 52 8	29°56'47	17°41	14° 9	12°54	0°44	15° 1	4°20	18°46	6°57	3°11	26°34	25°24	16°44	21°15	M20
T 21	11 56 4	0♈56'12	1♉ 5	15°53	14° 1	1°21	14°54	4°27	18°49	6°59	3°11	26°29	25°20	16°51	21°18	T 21
W22	12 0 1	1°55'35	14°42	17°38	15° 9	1°59	14°47	4°35	18°52	7° 0	3°11	26°23	25°17	16°58	21°22	W22
T 23	12 3 58	2°54'57	28°30	19°25	16°16	2°36	14°39	4°42	18°56	7° 2	3°11	26°18	25°14	17° 4	21°26	T 23
F 24	12 7 54	3°54'15	12♊26	21°13	17°23	3°14	14°32	4°50	18°59	7° 3	3°11	26°15	25°11	17°11	21°29	F 24
S 25	12 11 51	4°53'32	26°29	23° 2	18°30	3°52	14°25	4°57	19° 3	7° 4	3°11	26°13	25° 8	17°18	21°33	S 25
S 26	12 15 47	5°52'46	10♋37	24°53	19°36	4°29	14°17	5° 5	19° 6	7° 6	3°12	26°D13	25° 4	17°24	21°37	S 26
M27	12 19 44	6°51'58	24°48	26°45	20°42	5° 7	14° 9	5°13	19° 9	7° 7	3°12	26°14	25° 1	17°31	21°40	M27
T 28	12 23 40	7°51'07	9♌ 1	28°38	21°49	5°44	14° 2	5°20	19°12	7° 9	3°12	26°15	24°58	17°38	21°44	T 28
W29	12 27 37	8°50'14	23°13	0♈33	22°54	6°22	13°54	5°28	19°16	7°10	3°12	26°R16	24°55	17°44	21°47	W29
T 30	12 31 34	9°49'19	7♍23	2°29	24° 0	6°59	13°47	5°35	19°19	7°11	3°13	26°15	24°52	17°51	21°51	T 30
F 31	12 35 30	10♈48'21	21♍26	4♈26	25♉ 6	7♊37	13♎39	5♈43	19♓22	7♒12	3♋13	26♒13	24♒49	17♑58	21♓55	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	7s27	17n57	1n13	17s25	1s14	8n33	0n22	18n30	1n 5	5s15	1n33	1s13	2s11	5s33	0s44	18s38	0n 5	19n54	3s33	12s34	12s44	26s 6	0s20	3n55
T 2	7 4	12 1	0s 7	17 8	1 21	9 3	0 26	18 41	1 5	5 13	1 34	1 10	2 11	5 32	0 44	18 37	0 5	19 54	3 32	12 34	12 45	26 4	0 19	3 55
F 3	6 41	5 29	1 26	16 50	1 28	9 33	0 30	18 52	1 6	5 11	1 34	1 7	2 11	5 30	0 44	18 37	0 5	19 54	3 32	12 34	12 47	26 3	0 17	3 55
S 4	6 18	1s12	2 38	16 31	1 34	10 3	0 34	19 2	1 6	5 9	1 34	1 4	2 11	5 29	0 44	18 36	0 5	19 55	3 32	12 34	12 48	26 1	0 16	3 55
S 5	5 55	7 40	3 39	16 10	1 40	10 32	0 38	19 12	1 6	5 6	1 34	1 1	2 11	5 28	0 44	18 36	0 5	19 55	3 32	12 35	12 49	26 0	0 15	3 55
M 6	5 31	13 36	4 26	15 48	1 45	11 1	0 42	19 22	1 7	5 4	1 34	0 58	2 11	5 26	0 44	18 35	0 5	19 55	3 32	12 36	12 50	25 58	0 13	3 55
T 7	5 8	18 45	4 58	15 24	1 50	11 30	0 46	19 32	1 7	5 2	1 34	0 55	2 11	5 25	0 44	18 35	0 5	19 55	3 32	12 37	12 51	25 57	0 12	3 55
W 8	4 45	22 53	5 13	14 59	1 54	11 58	0 50	19 42	1 7	4 59	1 35	0 52	2 11	5 24	0 44	18 34	0 5	19 55	3 32	12 38	12 52	25 56	0 10	3 55
T 9	4 21	25 53	5 13	14 33	1 59	12 27	0 54	19 52	1 8	4 57	1 35	0 49	2 11	5 22	0 44	18 34	0 5	19 55	3 32	12 39	12 53	25 54	0 9	3 55
F 10	3 58	27 35	4 59	14 6	2 2	12 55	0 58	20 2	1 8	4 54	1 35	0 46	2 11	5 21	0 44	18 33	0 5	19 55	3 31	12 39	12 54	25 53	0 8	3 55
S 11	3 34	27 59	4 32	13 37	2 6	13 23	1 2	20 11	1 8	4 52	1 35	0 43	2 11	5 20	0 44	18 33	0 5	19 56	3 31	12 39	12 55	25 51	0 6	3 55
S 12	3 11	27 5	3 54	13 7	2 9	13 50	1 6	20 20	1 9	4 49	1 35	0 40	2 11	5 18	0 44	18 33	0 5	19 56	3 31	12 39	12 56	25 50	0 5	3 55
M13	2 47	24 57	3 6	12 35	2 11	14 17	1 10	20 30	1 9	4 47	1 35	0 37	2 11	5 17	0 44	18 32	0 5	19 56	3 31	12 38	12 57	25 48	0 3	3 54
T 14	2 23	21 44	2 9	12 3	2 13	14 44	1 14	20 39	1 9	4 44	1 35	0 34	2 11	5 16	0 44	18 32	0 5	19 56	3 31	12 38	12 58	25 47	0 2	3 54
W15	2 0	17 35	1 7	11 29	2 15	15 11	1 18	20 47	1 10	4 41	1 35	0 31	2 11	5 14	0 44	18 31	0 5	19 56	3 31	12 37	12 59	25 45	0 1	3 54
T 16	1 36	12 41	0 1	10 54	2 16	15 37	1 22	20 56	1 10	4 38	1 36	0 28	2 11	5 13	0 44	18 31	0 5	19 56	3 31	12 37	13 1	25 44	0n 1	3 54
F 17	1 12	7 11	1n 7	10 17	2 17	16 3	1 26	21 5	1 10	4 36	1 36	0 25	2 11	5 12	0 44	18 30	0 5	19 56	3 30	12 37	13 2	25 42	0 2	3 54
S 18	0 49	1 18	2 12	9 40	2 17	16 28	1 30	21 13	1 10	4 33	1 36	0 22	2 11	5 10	0 44	18 30	0 5	19 57	3 30	12 38	13 3	25 41	0 4	3 54
S 19	0 25	4n44	3 12	9 1	2 17	16 53	1 34	21 22	1 11	4 30	1 36	0 19	2 11	5 9	0 44	18 30	0 5	19 57	3 30	12 39	13 4	25 39	0 5	3 54
M20	0 1	10 41	4 3	8 21	2 16	17 18	1 39	21 30	1 11	4 27	1 36	0 16	2 11	5 8	0 44	18 29	0 5	19 57	3 30	12 41	13 5	25 38	0 7	3 54
T 21	0n22	16 16	4 41	7 39	2 15	17 42	1 43	21 38	1 11	4 24	1 36	0 13	2 11	5 6	0 44	18 29	0 5	19 57	3 30	12 43	13 6	25 36	0 8	3 54
W22	0 46	21 7	5 5	6 57	2 14	18 6	1 47	21 46	1 11	4 21	1 36	0 10	2 11	5 5	0 44	18 29	0 5	19 57	3 30	12 45	13 7	25 35	0 9	3 54
T 23	1 10	24 54	5 11	6 13	2 12	18 30	1 50	21 54	1 12	4 19	1 36	0 7	2 11	5 4	0 44	18 28	0 5	19 57	3 30	12 46	13 8	25 33	0 11	3 54
F 24	1 33	27 16	4 59	5 28	2 9	18 53	1 54	22 1	1 12	4 16	1 36	0 4	2 11	5 2	0 44	18 28	0 5	19 57	3 29	12 48	13 9	25 31	0 12	3 54
S 25	1 57	27 55	4 29	4 42	2 6	19 15	1 58	22 9	1 12	4 13	1 36	0 2	2 11	5 1	0 44	18 27	0 5	19 57	3 29	12 48	13 10	25 30	0 14	3 54
S 26	2 20	26 45	3 43	3 55	2 2	19 38	2 2	22 16	1 12	4 10	1 36	0n 1	2 11	5 0	0 44	18 27	0 5	19 58	3 29	12 48	13 11	25 28	0 15	3 54
M27	2 44	23 52	2 42	3 6	1 58	19 59	2 6	22 23	1 13	4 7	1 36	0 4	2 11	4 58	0 44	18 27	0 5	19 58	3 29	12 48	13 12	25 27	0 16	3 54
T 28	3 7	19 31	1 32	2 17	1 54	20 21	2 10	22 30	1 13	4 4	1 36	0 7	2 11	4 57	0 44	18 26	0 5	19 58	3 29	12 47	13 13	25 25	0 18	3 54
W29	3 31	14 4	0 16	1 27	1 49	20 41	2 14	22 37	1 13	4 1	1 36	0 10	2 11	4 56	0 44	18 26	0 5	19 58	3 29	12 47	13 14	25 24	0 19	3 54
T 30	3 54	7 53	1s 0	0 35	1 43	21 2	2 18	22 43	1 13	3 58	1 36	0 13	2 11	4 55	0 44	18 26	0 5	19 58	3 29	12 47	13 16	25 22	0 21	3 54
F 31	4n17	1n23	2s12	0n17	1s37	21n22	2n21	22n50	1n13	3s55	1n36	0n16	2s11	4s53	0s44	18s25	0n 5	19n58	3s28	12s48	13s17	25s20	0n22	3n54

Julian Day Number = 2332170.5, Delta T = 27.74 sec
Ecliptic obliquity = 23°29'02, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°10'41, Lahiri = 19°17'42Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1673
geocentric

APRIL 1673 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 39 27	11♈47'21	5♎19	6♈25	26♉11	8♊14	13°R31	5♈50	19♓26	7♒14	3♋13	26°R 8	24♒45	18♑ 4	21♓58	S 1
S 2	12 43 23	12°46'19	18°59	8°25	27°16	8°52	13♎23	5°58	19°29	7°15	3°14	26♒ 2	24°42	18°11	22° 2	S 2
M 3	12 47 20	13°45'15	2♏21	10°26	28°20	9°29	13°16	6° 5	19°32	7°16	3°14	25°54	24°39	18°18	22° 5	M 3
T 4	12 51 16	14°44'10	15°26	12°28	29°25	10° 7	13° 8	6°13	19°35	7°17	3°15	25°45	24°36	18°24	22° 9	T 4
W 5	12 55 13	15°43'02	28°11	14°32	0♊29	10°45	13° 0	6°20	19°38	7°18	3°15	25°37	24°33	18°31	22°12	W 5
T 6	12 59 9	16°41'53	10♐38	16°36	1°33	11°22	12°53	6°28	19°41	7°19	3°15	25°30	24°30	18°38	22°16	T 6
F 7	13 3 6	17°40'42	22°49	18°42	2°36	12° 0	12°45	6°35	19°45	7°20	3°16	25°25	24°26	18°44	22°19	F 7
S 8	13 7 2	18°39'29	4♑49	20°47	3°40	12°37	12°37	6°42	19°48	7°22	3°16	25°21	24°23	18°51	22°23	S 8
S 9	13 10 59	19°38'14	16°41	22°54	4°43	13°15	12°30	6°50	19°51	7°23	3°17	25°D20	24°20	18°58	22°26	S 9
M10	13 14 56	20°36'58	28°31	25° 1	5°45	13°52	12°22	6°57	19°54	7°23	3°18	25°20	24°17	19° 4	22°29	M10
T 11	13 18 52	21°35'39	10♒23	27° 7	6°48	14°30	12°15	7° 5	19°57	7°24	3°18	25°21	24°14	19°11	22°33	T 11
W12	13 22 49	22°34'19	22°23	29°13	7°50	15° 7	12° 7	7°12	20° 0	7°25	3°19	25°R22	24°10	19°18	22°36	W12
T 13	13 26 45	23°32'58	4♓37	1♉19	8°51	15°45	12° 0	7°19	20° 3	7°26	3°19	25°22	24° 7	19°24	22°39	T 13
F 14	13 30 42	24°31'34	17° 7	3°24	9°53	16°23	11°52	7°27	20° 6	7°27	3°20	25°19	24° 4	19°31	22°43	F 14
S 15	13 34 38	25°30'09	29°57	5°28	10°54	17° 0	11°45	7°34	20° 9	7°28	3°21	25°15	24° 1	19°38	22°46	S 15
S 16	13 38 35	26°28'42	13♈ 8	7°30	11°54	17°38	11°38	7°41	20°12	7°29	3°21	25° 8	23°58	19°44	22°49	S 16
M17	13 42 31	27°27'13	26°40	9°30	12°55	18°15	11°30	7°48	20°15	7°29	3°22	24°59	23°55	19°51	22°52	M17
T 18	13 46 28	28°25'42	10♉30	11°29	13°55	18°53	11°23	7°56	20°18	7°30	3°23	24°48	23°51	19°58	22°56	T 18
W19	13 50 25	29°24'10	24°34	13°24	14°54	19°30	11°16	8° 3	20°21	7°31	3°23	24°38	23°48	20° 4	22°59	W19
T 20	13 54 21	0♉22'35	8♊48	15°17	15°53	20° 8	11° 9	8°10	20°23	7°31	3°24	24°29	23°45	20°11	23° 2	T 20
F 21	13 58 18	1°20'59	23° 6	17° 7	16°52	20°45	11° 2	8°17	20°26	7°32	3°25	24°21	23°42	20°18	23° 5	F 21
S 22	14 2 14	2°19'20	7♋24	18°54	17°50	21°23	10°55	8°24	20°29	7°33	3°26	24°17	23°39	20°24	23° 8	S 22
S 23	14 6 11	3°17'39	21°38	20°37	18°48	22° 1	10°49	8°31	20°32	7°33	3°27	24°15	23°36	20°31	23°11	S 23
M24	14 10 7	4°15'56	5♌46	22°17	19°45	22°38	10°42	8°39	20°34	7°34	3°27	24°D14	23°32	20°38	23°14	M24
T 25	14 14 4	5°14'11	19°48	23°53	20°42	23°16	10°36	8°46	20°37	7°34	3°28	24°R14	23°29	20°44	23°17	T 25
W26	14 18 0	6°12'24	3♍42	25°25	21°38	23°53	10°29	8°53	20°40	7°35	3°29	24°14	23°26	20°51	23°20	W26
T 27	14 21 57	7°10'34	17°28	26°53	22°34	24°31	10°23	9° 0	20°42	7°35	3°30	24°12	23°23	20°58	23°23	T 27
F 28	14 25 54	8° 8'43	1♎ 5	28°17	23°29	25° 8	10°17	9° 6	20°45	7°35	3°31	24° 8	23°20	21° 4	23°26	F 28
S 29	14 29 50	9° 6'50	14°33	29°36	24°24	25°46	10°11	9°13	20°47	7°36	3°32	24° 1	23°16	21°11	23°29	S 29
S 30	14 33 47	10♉ 4'55	27♎50	0♊52	25♊18	26♊23	10♎ 5	9♈20	20♓50	7♒36	3♋33	23♒51	23♒13	21♑18	23♓31	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n40	5s 6	3s15	1n10	1s30	21n41	2n25	22n56	1n14	3s52	1n37	0n19	2s11	4s52	0s44	18s25	0n 5	19n58	3s28	12s50	13s18	25s19	0n24	3n54
S 2	5 3	11 14	4 6	2 4	1 23	22 0	2 29	23 2	1 14	3 49	1 37	0 22	2 11	4 51	0 44	18 25	0 5	19 59	3 28	12 52	13 19	25 17	0 25	3 54
M 3	5 26	16 43	4 42	2 59	1 15	22 18	2 32	23 8	1 14	3 46	1 36	0 25	2 11	4 50	0 44	18 25	0 5	19 59	3 28	12 55	13 20	25 16	0 26	3 54
T 4	5 49	21 18	5 2	3 54	1 7	22 36	2 36	23 14	1 14	3 43	1 36	0 28	2 11	4 48	0 44	18 24	0 5	19 59	3 28	12 58	13 21	25 14	0 28	3 54
W 5	6 12	24 46	5 7	4 50	0 59	22 53	2 39	23 19	1 14	3 40	1 36	0 31	2 11	4 47	0 44	18 24	0 5	19 59	3 28	13 0	13 22	25 12	0 29	3 54
T 6	6 34	26 58	4 57	5 47	0 50	23 10	2 43	23 25	1 14	3 37	1 36	0 34	2 11	4 46	0 44	18 24	0 5	19 59	3 28	13 3	13 23	25 11	0 31	3 54
F 7	6 57	27 50	4 33	6 43	0 40	23 26	2 46	23 30	1 15	3 34	1 36	0 37	2 11	4 45	0 44	18 23	0 5	19 59	3 28	13 4	13 24	25 9	0 32	3 54
S 8	7 19	27 21	3 58	7 40	0 30	23 41	2 49	23 35	1 15	3 31	1 36	0 40	2 11	4 43	0 44	18 23	0 5	19 59	3 27	13 6	13 25	25 7	0 33	3 54
S 9	7 42	25 37	3 12	8 37	0 20	23 57	2 52	23 40	1 15	3 28	1 36	0 42	2 11	4 42	0 44	18 23	0 5	19 59	3 27	13 6	13 26	25 6	0 35	3 54
M10	8 4	22 46	2 19	9 33	0 10	24 11	2 56	23 45	1 15	3 25	1 36	0 45	2 11	4 41	0 44	18 23	0 5	19 59	3 27	13 6	13 27	25 4	0 36	3 54
T 11	8 26	18 57	1 20	10 29	0n 1	24 25	2 59	23 50	1 15	3 22	1 36	0 48	2 11	4 40	0 44	18 23	0 5	20 0	3 27	13 6	13 28	25 2	0 37	3 54
W12	8 48	14 20	0 16	11 24	0 12	24 38	3 2	23 54	1 15	3 19	1 36	0 51	2 11	4 39	0 44	18 22	0 5	20 0	3 27	13 5	13 29	25 1	0 39	3 54
T 13	9 10	9 4	0n49	12 19	0 23	24 51	3 4	23 58	1 15	3 17	1 36	0 54	2 12	4 38	0 44	18 22	0 5	20 0	3 27	13 5	13 30	24 59	0 40	3 54
F 14	9 31	3 21	1 54	13 12	0 34	25 4	3 7	24 2	1 16	3 14	1 36	0 57	2 12	4 36	0 44	18 22	0 5	20 0	3 27	13 6	13 31	24 57	0 41	3 54
S 15	9 53	2n38	2 54	14 4	0 45	25 15	3 10	24 6	1 16	3 11	1 36	0 59	2 12	4 35	0 44	18 22	0 5	20 0	3 26	13 8	13 32	24 56	0 43	3 55
S 16	10 14	8 40	3 46	14 55	0 56	25 26	3 13	24 10	1 16	3 8	1 36	1 2	2 12	4 34	0 44	18 21	0 5	20 0	3 26	13 10	13 34	24 54	0 44	3 55
M17	10 35	14 27	4 27	15 44	1 6	25 37	3 15	24 13	1 16	3 5	1 36	1 5	2 12	4 33	0 44	18 21	0 5	20 0	3 26	13 13	13 35	24 52	0 45	3 55
T 18	10 56	19 39	4 54	16 31	1 17	25 47	3 18	24 17	1 16	3 3	1 36	1 8	2 12	4 32	0 44	18 21	0 5	20 0	3 26	13 17	13 36	24 50	0 47	3 55
W19	11 17	23 51	5 3	17 16	1 27	25 56	3 20	24 20	1 16	3 0	1 35	1 11	2 12	4 31	0 44	18 21	0 5	20 1	3 26	13 20	13 37	24 49	0 48	3 55
T 20	11 38	26 39	4 54	17 59	1 36	26 5	3 22	24 23	1 16	2 57	1 35	1 13	2 12	4 30	0 44	18 21	0 5	20 1	3 26	13 23	13 38	24 47	0 49	3 55
F 21	11 58	27 44	4 26	18 40	1 45	26 13	3 24	24 26	1 16	2 55	1 35	1 16	2 12	4 29	0 44	18 21	0 5	20 1	3 26	13 26	13 39	24 45	0 51	3 55
S 22	12 18	26 58	3 42	19 18	1 54	26 21	3 26	24 28	1 16	2 52	1 35	1 19	2 12	4 27	0 44	18 20	0 5	20 1	3 26	13 27	13 40	24 43	0 52	3 55
S 23	12 38	24 26	2 44	19 53	2 1	26 28	3 28	24 31	1 16	2 50	1 35	1 21	2 12	4 26	0 44	18 20	0 5	20 1	3 25	13 28	13 41	24 42	0 53	3 55
M24	12 58	20 25	1 37	20 27	2 9	26 34	3 30	24 33	1 16	2 47	1 35	1 24	2 13	4 25	0 44	18 20	0 5	20 1	3 25	13 28	13 42	24 40	0 54	3 55
T 25	13 18	15 17	0 24	20 57	2 15	26 40	3 32	24 35	1 16	2 45	1 35	1 27	2 13	4 24	0 44	18 20	0 5	20 1	3 25	13 28	13 43	24 38	0 56	3 55
W26	13 37	9 24	0s50	21 26	2 21	26 46	3 33	24 37	1 17	2 43	1 35	1 29	2 13	4 23	0 44	18 20	0 5	20 1	3 25	13 28	13 44	24 36	0 57	3 55
T 27	13 56	3 7	2 0	21 51	2 25	26 51	3 34	24 39	1 17	2 40	1 34	1 32	2 13	4 22	0 45	18 20	0 5	20 1	3 25	13 29	13 45	24 35	0 58	3 55
F 28	14 15	3s13	3 2	22 14	2 29	26 55	3 36	24 40	1 17	2 38	1 34	1 35	2 13	4 21	0 45	18 20	0 5	20 1	3 25	13 30	13 46	24 33	0 59	3 55
S 29	14 34	9 20	3 53	22 35	2 32	26 58	3 37	24 42	1 17	2 36	1 34	1 37	2 13	4 20	0 45	18 20	0 5	20 2	3 25	13 33	13 47	24 31	1 1	3 56
S 30	14n52	14s56	4s31	22n53	2n35	27n 1	3n38	24n43	1n17	2s34	1n34	1n40	2s13	4s19	0s45	18s20	0n 5	20n 2	3s25	13s36	13s48	24s29	1n 2	3n56

Julian Day Number = 2332201.5, Delta T = 27.69 sec
Ecliptic obliquity = 23°29'02, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°10'46, Lahiri = 19°17'46Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1673
geocentric

MAY 1673 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 37 43	11♉ 2'58	10♏54	2♊ 3	26♊11	27♊ 1	9°R59	9♈27	20♓52	7♒36	3♋34	23°R39	23♒10	21♌24	23♓34	M 1
T 2	14 41 40	12° 1'00	23°44	3° 9	27° 4	27°38	9♎54	9°34	20°55	7°37	3°35	23♒26	23° 7	21°31	23°37	T 2
W 3	14 45 36	12°59'00	6♐19	4°11	27°56	28°16	9°48	9°41	20°57	7°37	3°36	23°14	23° 4	21°38	23°40	W 3
T 4	14 49 33	13°56'58	18°40	5° 9	28°48	28°53	9°43	9°47	21° 0	7°37	3°37	23° 3	23° 1	21°44	23°42	T 4
F 5	14 53 29	14°54'55	0♌47	6° 2	29°39	29°31	9°38	9°54	21° 2	7°37	3°38	22°54	22°57	21°51	23°45	F 5
S 6	14 57 26	15°52'51	12°45	6°50	0♋29	0♋ 8	9°32	10° 0	21° 4	7°37	3°39	22°47	22°54	21°58	23°48	S 6
S 7	15 1 23	16°50'46	24°36	7°33	1°18	0°46	9°28	10° 7	21° 7	7°38	3°40	22°44	22°51	22° 4	23°50	S 7
M 8	15 5 19	17°48'39	6♒25	8°12	2° 7	1°24	9°23	10°14	21° 9	7°38	3°41	22°42	22°48	22°11	23°53	M 8
T 9	15 9 16	18°46'30	18°16	8°46	2°55	2° 1	9°18	10°20	21°11	7°R38	3°42	22°42	22°45	22°18	23°55	T 9
W10	15 13 12	19°44'21	0♓17	9°15	3°42	2°39	9°14	10°26	21°13	7°38	3°43	22°42	22°42	22°24	23°58	W10
T 11	15 17 9	20°42'10	12°31	9°39	4°28	3°16	9° 9	10°33	21°15	7°38	3°44	22°41	22°38	22°31	24° 0	T 11
F 12	15 21 5	21°39'58	25° 3	9°58	5°13	3°54	9° 5	10°39	21°17	7°38	3°46	22°38	22°35	22°38	24° 2	F 12
S 13	15 25 2	22°37'45	7♈59	10°12	5°57	4°31	9° 1	10°45	21°20	7°37	3°47	22°33	22°32	22°44	24° 5	S 13
S 14	15 28 58	23°35'31	21°20	10°21	6°41	5° 9	8°57	10°52	21°22	7°37	3°48	22°25	22°29	22°51	24° 7	S 14
M15	15 32 55	24°33'15	5♉ 7	10°R26	7°23	5°46	8°54	10°58	21°24	7°37	3°49	22°15	22°26	22°58	24° 9	M15
T 16	15 36 52	25°30'58	19°16	10°25	8° 5	6°24	8°50	11° 4	21°25	7°37	3°50	22° 4	22°22	23° 4	24°11	T 16
W17	15 40 48	26°28'40	3♊44	10°20	8°45	7° 1	8°47	11°10	21°27	7°37	3°52	21°52	22°19	23°11	24°13	W17
T 18	15 44 45	27°26'21	18°23	10°11	9°24	7°39	8°44	11°16	21°29	7°36	3°53	21°42	22°16	23°18	24°16	T 18
F 19	15 48 41	28°24'01	3♋ 6	9°57	10° 2	8°16	8°41	11°22	21°31	7°36	3°54	21°33	22°13	23°24	24°18	F 19
S 20	15 52 38	29°21'39	17°46	9°40	10°39	8°54	8°38	11°28	21°33	7°36	3°55	21°28	22°10	23°31	24°20	S 20
S 21	15 56 34	0♊19'15	2♌16	9°19	11°15	9°31	8°35	11°34	21°34	7°35	3°57	21°25	22° 7	23°38	24°22	S 21
M22	16 0 31	1°16'50	16°33	8°54	11°49	10° 9	8°33	11°40	21°36	7°35	3°58	21°D24	22° 3	23°44	24°23	M22
T 23	16 4 27	2°14'23	0♍35	8°27	12°23	10°46	8°30	11°45	21°38	7°35	3°59	21°R24	22° 0	23°51	24°25	T 23
W24	16 8 24	3°11'55	14°23	7°57	12°54	11°24	8°28	11°51	21°39	7°34	4° 0	21°23	21°57	23°58	24°27	W24
T 25	16 12 21	4° 9'26	27°56	7°26	13°24	12° 1	8°26	11°56	21°41	7°34	4° 2	21°22	21°54	24° 4	24°29	T 25
F 26	16 16 17	5° 6'55	11♎15	6°53	13°53	12°39	8°25	12° 2	21°42	7°33	4° 3	21°17	21°51	24°11	24°31	F 26
S 27	16 20 14	6° 4'23	24°23	6°19	14°20	13°16	8°23	12° 7	21°44	7°33	4° 4	21°10	21°47	24°18	24°32	S 27
S 28	16 24 10	7° 1'49	7♏18	5°46	14°46	13°54	8°22	12°13	21°45	7°32	4° 6	21° 1	21°44	24°24	24°34	S 28
M29	16 28 7	7°59'15	20° 2	5°12	15° 9	14°31	8°20	12°18	21°47	7°32	4° 7	20°50	21°41	24°31	24°35	M29
T 30	16 32 3	8°56'40	2♐34	4°40	15°31	15° 9	8°19	12°23	21°48	7°31	4° 8	20°37	21°38	24°38	24°37	T 30
W31	16 36 0	9♊54'03	14♐55	4♊10	15♋52	15♋46	8♎19	12♈29	21♓49	7♒30	4♋10	20♒25	21♒35	24♌44	24♓38	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	15n10	19s46	4s53	23n 9	2n36	27n 4	3n38	24n44	1n17	2s32	1n34	1n42	2s13	4s18	0s45	18s20	0n 5	20n 2	3s24	13s40	13s49	24s27	1n 3	3n56
T 2	15 28	23 35	5 1	23 23	2 36	27 6	3 39	24 45	1 17	2 30	1 34	1 45	2 14	4 17	0 45	18 20	0 5	20 2	3 24	13 44	13 50	24 26	1 4	3 56
W 3	15 46	26 13	4 53	23 34	2 35	27 8	3 39	24 45	1 17	2 28	1 33	1 47	2 14	4 17	0 45	18 19	0 5	20 2	3 24	13 48	13 51	24 24	1 5	3 56
T 4	16 3	27 31	4 32	23 43	2 34	27 8	3 40	24 46	1 17	2 26	1 33	1 50	2 14	4 16	0 45	18 19	0 5	20 2	3 24	13 52	13 52	24 22	1 6	3 56
F 5	16 20	27 27	3 58	23 50	2 31	27 9	3 40	24 46	1 17	2 24	1 33	1 52	2 14	4 15	0 45	18 19	0 5	20 2	3 24	13 55	13 53	24 20	1 8	3 56
S 6	16 37	26 6	3 15	23 54	2 27	27 9	3 40	24 46	1 17	2 22	1 33	1 55	2 14	4 14	0 45	18 19	0 5	20 2	3 24	13 57	13 54	24 18	1 9	3 56
S 7	16 54	23 35	2 23	23 57	2 22	27 8	3 40	24 46	1 17	2 20	1 33	1 57	2 14	4 13	0 45	18 19	0 5	20 2	3 24	13 58	13 55	24 16	1 10	3 56
M 8	17 10	20 5	1 25	23 58	2 16	27 7	3 39	24 46	1 17	2 19	1 32	2 0	2 14	4 12	0 45	18 19	0 5	20 2	3 24	13 58	13 57	24 15	1 11	3 56
T 9	17 26	15 45	0 23	23 56	2 10	27 6	3 39	24 45	1 17	2 17	1 32	2 2	2 15	4 11	0 45	18 19	0 5	20 2	3 24	13 58	13 58	24 13	1 12	3 57
W10	17 42	10 46	0n40	23 53	2 2	27 4	3 38	24 44	1 17	2 15	1 32	2 5	2 15	4 10	0 45	18 19	0 5	20 3	3 23	13 59	13 59	24 11	1 13	3 57
T 11	17 58	5 18	1 43	23 48	1 53	27 1	3 37	24 44	1 17	2 14	1 32	2 7	2 15	4 10	0 45	18 19	0 5	20 3	3 23	13 59	14 0	24 9	1 14	3 57
F 12	18 13	0n31	2 42	23 41	1 43	26 58	3 35	24 43	1 17	2 12	1 31	2 9	2 15	4 9	0 45	18 19	0 5	20 3	3 23	14 0	14 1	24 7	1 15	3 57
S 13	18 28	6 28	3 35	23 32	1 32	26 55	3 34	24 41	1 17	2 11	1 31	2 12	2 15	4 8	0 45	18 19	0 5	20 3	3 23	14 1	14 2	24 5	1 16	3 57
S 14	18 42	12 19	4 18	23 21	1 20	26 51	3 32	24 40	1 17	2 10	1 31	2 14	2 15	4 7	0 45	18 19	0 5	20 3	3 23	14 4	14 3	24 3	1 17	3 57
M15	18 57	17 45	4 47	23 9	1 7	26 47	3 30	24 38	1 17	2 9	1 31	2 16	2 16	4 7	0 45	18 20	0 5	20 3	3 23	14 7	14 4	24 2	1 18	3 57
T 16	19 11	22 23	5 0	22 55	0 53	26 42	3 28	24 37	1 17	2 7	1 31	2 18	2 16	4 6	0 45	18 20	0 5	20 3	3 23	14 11	14 5	24 0	1 19	3 57
W17	19 24	25 45	4 54	22 40	0 38	26 37	3 26	24 35	1 17	2 6	1 30	2 21	2 16	4 5	0 45	18 20	0 5	20 3	3 23	14 15	14 6	23 58	1 20	3 58
T 18	19 37	27 26	4 29	22 24	0 23	26 32	3 23	24 33	1 17	2 5	1 30	2 23	2 16	4 4	0 45	18 20	0 5	20 3	3 23	14 18	14 7	23 56	1 21	3 58
F 19	19 50	27 13	3 46	22 6	0 7	26 26	3 20	24 30	1 17	2 4	1 30	2 25	2 16	4 4	0 45	18 20	0 5	20 3	3 23	14 21	14 8	23 54	1 22	3 58
S 20	20 3	25 4	2 48	21 47	0s10	26 20	3 17	24 28	1 17	2 3	1 30	2 27	2 16	4 3	0 45	18 20	0 5	20 3	3 22	14 23	14 9	23 52	1 23	3 58
S 21	20 15	21 18	1 39	21 27	0 27	26 13	3 14	24 25	1 17	2 3	1 29	2 29	2 17	4 2	0 45	18 20	0 5	20 3	3 22	14 24	14 10	23 50	1 24	3 58
M22	20 27	16 19	0 26	21 6	0 44	26 7	3 10	24 22	1 17	2 2	1 29	2 31	2 17	4 2	0 45	18 20	0 5	20 3	3 22	14 24	14 11	23 48	1 25	3 58
T 23	20 39	10 32	0s49	20 44	1 2	25 59	3 6	24 19	1 17	2 1	1 29	2 33	2 17	4 1	0 45	18 20	0 5	20 3	3 22	14 24	14 12	23 46	1 26	3 58
W24	20 50	4 20	1 59	20 22	1 19	25 52	3 2	24 16	1 17	2 1	1 29	2 35	2 17	4 1	0 45	18 20	0 5	20 3	3 22	14 24	14 13	23 44	1 26	3 58
T 25	21 1	1s56	3 1	20 0	1 37	25 44	2 57	24 13	1 17	2 0	1 28	2 37	2 17	4 0	0 45	18 20	0 4	20 4	3 22	14 24	14 14	23 42	1 27	3 59
F 26	21 12	8 1	3 52	19 38	1 54	25 36	2 52	24 9	1 17	2 0	1 28	2 39	2 18	3 59	0 45	18 21	0 4	20 4	3 22	14 26	14 15	23 40	1 28	3 59
S 27	21 22	13 38	4 30	19 16	2 10	25 28	2 47	24 6	1 17	1 59	1 28	2 41	2 18	3 59	0 45	18 21	0 4	20 4	3 22	14 28	14 16	23 38	1 29	3 59
S 28	21 31	18 35	4 53	18 55	2 26	25 20	2 41	24 2	1 17	1 59	1 28	2 43	2 18	3 58	0 45	18 21	0 4	20 4	3 22	14 31	14 17	23 36	1 30	3 59
M29	21 41	22 37	5 1	18 34	2 41	25 11	2 35	23 58	1 17	1 59	1 27	2 45	2 18	3 58	0 45	18 21	0 4	20 4	3 22	14 35	14 18	23 34	1 30	3 59
T 30	21 50	25 32	4 55	18 14	2 55	25 2	2 29	23 53	1 17	1 58	1 27	2 47	2 18	3 57	0 46	18 21	0 4	20 4	3 21	14 39	14 19	23 32	1 31	3 59
W31	21n59	27s11	4s35	17n56	3s 9	24n53	2n22	23n49	1n16	1s58	1n27	2n49	2s19	3s57	0s46	18s21	0n 4	20n 4	3s21	14s42	14s20	23s30	1n32	4n 0

Julian Day Number = 2332231.5, Delta T = 27.64 sec
Ecliptic obliquity = 23°29'02, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°10'50, Lahiri = 19°17'50Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1673
geocentric

JUNE 1673 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 39 57	10♊51'26	27♐ 6	3°R41	16♋10	16♋24	8°R18	12♈34	21♓51	7°R30	4♋11	20°R15	21♒32	24♑51	24♓40	T 1
F 2	16 43 53	11°48'48	9♑ 7	3♊15	16°27	17° 1	8♎17	12°39	21°52	7♒29	4°13	20♒ 6	21°28	24°58	24°41	F 2
S 3	16 47 50	12°46'09	21° 0	2°52	16°41	17°39	8°17	12°44	21°53	7°28	4°14	20° 0	21°25	25° 4	24°43	S 3
S 4	16 51 46	13°43'30	2♒49	2°32	16°54	18°16	8°D17	12°49	21°54	7°27	4°15	19°56	21°22	25°11	24°44	S 4
M 5	16 55 43	14°40'50	14°36	2°16	17° 4	18°54	8°17	12°54	21°55	7°27	4°17	19°D54	21°19	25°18	24°45	M 5
T 6	16 59 39	15°38'09	26°27	2° 4	17°12	19°31	8°17	12°58	21°56	7°26	4°18	19°54	21°16	25°24	24°46	T 6
W 7	17 3 36	16°35'28	8♓27	1°56	17°18	20° 9	8°18	13° 3	21°57	7°25	4°20	19°55	21°13	25°31	24°47	W 7
T 8	17 7 32	17°32'46	20°40	1°D53	17°22	20°46	8°18	13° 8	21°58	7°24	4°21	19°R55	21° 9	25°38	24°48	T 8
F 9	17 11 29	18°30'04	3♈12	1°53	17°R24	21°24	8°19	13°12	21°59	7°23	4°23	19°54	21° 6	25°44	24°49	F 9
S 10	17 15 26	19°27'22	16° 7	1°59	17°23	22° 1	8°20	13°17	22° 0	7°22	4°24	19°51	21° 3	25°51	24°50	S 10
S 11	17 19 22	20°24'39	29°29	2° 9	17°20	22°39	8°21	13°21	22° 0	7°21	4°26	19°46	21° 0	25°58	24°51	S 11
M12	17 23 19	21°21'56	13♉19	2°23	17°15	23°16	8°22	13°25	22° 1	7°20	4°27	19°39	20°57	26° 4	24°52	M12
T 13	17 27 15	22°19'13	27°37	2°42	17° 7	23°54	8°24	13°30	22° 2	7°19	4°28	19°30	20°53	26°11	24°53	T 13
W14	17 31 12	23°16'29	12♊17	3° 6	16°57	24°31	8°25	13°34	22° 2	7°18	4°30	19°22	20°50	26°18	24°54	W14
T 15	17 35 8	24°13'45	27°13	3°34	16°44	25° 9	8°27	13°38	22° 3	7°17	4°31	19°14	20°47	26°24	24°54	T 15
F 16	17 39 5	25°11'01	12♋16	4° 7	16°29	25°47	8°29	13°42	22° 3	7°16	4°33	19° 8	20°44	26°31	24°55	F 16
S 17	17 43 1	26° 8'16	27°16	4°44	16°12	26°24	8°31	13°46	22° 4	7°15	4°34	19° 4	20°41	26°37	24°56	S 17
S 18	17 46 58	27° 5'30	12♌ 5	5°26	15°52	27° 2	8°34	13°50	22° 4	7°14	4°36	19°D 2	20°38	26°44	24°56	S 18
M19	17 50 55	28° 2'44	26°38	6°12	15°30	27°39	8°36	13°53	22° 5	7°13	4°37	19° 2	20°34	26°51	24°57	M19
T 20	17 54 51	28°59'57	10♍51	7° 2	15° 6	28°17	8°39	13°57	22° 5	7°11	4°39	19° 3	20°31	26°57	24°57	T 20
W21	17 58 48	29°57'09	24°42	7°56	14°40	28°54	8°42	14° 0	22° 5	7°10	4°40	19°R 4	20°28	27° 4	24°57	W21
T 22	18 2 44	0♋54'21	8♎13	8°54	14°12	29°32	8°45	14° 4	22° 6	7° 9	4°42	19° 3	20°25	27°11	24°58	T 22
F 23	18 6 41	1°51'33	21°25	9°56	13°42	0♌ 9	8°48	14° 7	22° 6	7° 8	4°43	19° 2	20°22	27°17	24°58	F 23
S 24	18 10 37	2°48'44	4♏20	11° 3	13°11	0°47	8°51	14°11	22° 6	7° 7	4°45	18°58	20°19	27°24	24°58	S 24
S 25	18 14 34	3°45'54	17° 0	12°13	12°38	1°25	8°55	14°14	22° 6	7° 5	4°46	18°52	20°15	27°31	24°58	S 25
M26	18 18 30	4°43'05	29°28	13°27	12° 3	2° 2	8°59	14°17	22°R 6	7° 4	4°48	18°45	20°12	27°37	24°59	M26
T 27	18 22 27	5°40'15	11♐45	14°45	11°28	2°40	9° 3	14°20	22° 6	7° 3	4°49	18°38	20° 9	27°44	24°R59	T 27
W28	18 26 24	6°37'25	23°53	16° 7	10°52	3°17	9° 7	14°23	22° 6	7° 1	4°51	18°30	20° 6	27°51	24°59	W28
T 29	18 30 20	7°34'35	5♑53	17°33	10°15	3°55	9°11	14°26	22° 6	7° 0	4°52	18°23	20° 3	27°57	24°59	T 29
F 30	18 34 17	8♋31'45	17♑47	19♊ 2	9♋37	4♌33	9♎15	14♈28	22♓ 6	6♒59	4♋54	18♒18	20♒ 0	28♑ 4	24♓58	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n 7	27s29	4s 2	17n38	3s21	24n44	2n15	23n44	1n16	1s58	1n26	2n51	2s19	3s56	0s46	18s22	0n 4	20n 4	3s21	14s46	14s21	23s28	1n33	4n 0	T 1
F 2	22 15	26 29	3 19	17 23	3 32	24 35	2 8	23 40	1 16	1 58	1 26	2 52	2 19	3 56	0 46	18 22	0 4	20 4	3 21	14 49	14 22	23 27	1 33	4 0	F 2
S 3	22 22	24 16	2 28	17 9	3 42	24 25	2 0	23 35	1 16	1 59	1 26	2 54	2 19	3 56	0 46	18 22	0 4	20 4	3 21	14 51	14 23	23 25	1 34	4 0	S 3
S 4	22 29	21 1	1 30	16 57	3 50	24 15	1 52	23 30	1 16	1 59	1 26	2 56	2 19	3 55	0 46	18 22	0 4	20 4	3 21	14 52	14 24	23 22	1 35	4 0	S 4
M 5	22 36	16 56	0 28	16 47	3 57	24 6	1 43	23 24	1 16	1 59	1 25	2 57	2 20	3 55	0 46	18 22	0 4	20 4	3 21	14 52	14 25	23 20	1 35	4 0	M 5
T 6	22 42	12 10	0n35	16 38	4 3	23 56	1 34	23 19	1 16	1 59	1 25	2 59	2 20	3 54	0 46	18 23	0 4	20 4	3 21	14 52	14 26	23 18	1 36	4 0	T 6
W 7	22 48	6 55	1 37	16 32	4 8	23 46	1 25	23 13	1 16	2 0	1 25	3 1	2 20	3 54	0 46	18 23	0 4	20 4	3 21	14 52	14 27	23 16	1 36	4 1	W 7
T 8	22 54	1 18	2 37	16 28	4 11	23 35	1 15	23 7	1 16	2 0	1 25	3 2	2 20	3 54	0 46	18 23	0 4	20 4	3 21	14 52	14 28	23 14	1 37	4 1	T 8
F 9	22 59	4n29	3 30	16 27	4 13	23 25	1 5	23 2	1 16	2 1	1 24	3 4	2 21	3 53	0 46	18 23	0 4	20 4	3 21	14 52	14 29	23 12	1 38	4 1	F 9
S 10	23 4	10 16	4 14	16 27	4 14	23 15	0 54	22 55	1 16	2 1	1 24	3 5	2 21	3 53	0 46	18 24	0 4	20 4	3 21	14 53	14 30	23 10	1 38	4 1	S 10
S 11	23 8	15 46	4 47	16 29	4 14	23 4	0 43	22 49	1 16	2 2	1 24	3 7	2 21	3 53	0 46	18 24	0 4	20 4	3 20	14 55	14 31	23 8	1 39	4 1	S 11
M12	23 12	20 41	5 3	16 33	4 12	22 53	0 32	22 43	1 16	2 3	1 24	3 8	2 21	3 53	0 46	18 24	0 4	20 4	3 20	14 57	14 32	23 6	1 39	4 1	M12
T 13	23 16	24 34	5 2	16 39	4 10	22 43	0 20	22 36	1 15	2 4	1 23	3 10	2 21	3 52	0 46	18 24	0 4	20 4	3 20	15 0	14 33	23 4	1 40	4 2	T 13
W14	23 19	26 57	4 42	16 47	4 6	22 32	0 8	22 29	1 15	2 5	1 23	3 11	2 22	3 52	0 46	18 25	0 4	20 4	3 20	15 3	14 34	23 2	1 40	4 2	W14
T 15	23 21	27 29	4 1	16 57	4 2	22 21	0s 5	22 23	1 15	2 6	1 23	3 12	2 22	3 52	0 46	18 25	0 4	20 4	3 20	15 5	14 36	23 0	1 40	4 2	T 15
F 16	23 24	25 58	3 4	17 8	3 57	22 10	0 18	22 16	1 15	2 7	1 22	3 14	2 22	3 52	0 46	18 25	0 4	20 4	3 20	15 7	14 37	22 58	1 41	4 2	F 16
S 17	23 26	22 37	1 54	17 21	3 51	21 59	0 31	22 8	1 15	2 8	1 22	3 15	2 22	3 52	0 46	18 25	0 4	20 4	3 20	15 8	14 38	22 56	1 41	4 2	S 17
S 18	23 27	17 48	0 37	17 35	3 44	21 48	0 44	22 1	1 15	2 9	1 22	3 16	2 23	3 51	0 46	18 26	0 4	20 4	3 20	15 9	14 39	22 54	1 42	4 2	S 18
M19	23 28	12 1	0s41	17 50	3 36	21 37	0 58	21 53	1 15	2 10	1 22	3 18	2 23	3 51	0 46	18 26	0 4	20 4	3 20	15 9	14 40	22 52	1 42	4 3	M19
T 20	23 29	5 44	1 55	18 7	3 28	21 26	1 12	21 46	1 15	2 11	1 21	3 19	2 23	3 51	0 46	18 26	0 4	20 4	3 20	15 8	14 41	22 50	1 42	4 3	T 20
W21	23 29	0s39	3 0	18 24	3 19	21 15	1 26	21 38	1 15	2 13	1 21	3 20	2 23	3 51	0 46	18 27	0 4	20 4	3 20	15 8	14 42	22 48	1 42	4 3	W21
T 22	23 29	6 51	3 54	18 43	3 9	21 4	1 40	21 30	1 14	2 14	1 21	3 21	2 24	3 51	0 46	18 27	0 4	20 4	3 20	15 8	14 43	22 45	1 43	4 3	T 22
F 23	23 28	12 35	4 34	19 2	2 59	20 53	1 54	21 22	1 14	2 16	1 21	3 22	2 24	3 51	0 46	18 27	0 4	20 4	3 20	15 9	14 44	22 43	1 43	4 3	F 23
S 24	23 27	17 40	4 59	19 21	2 49	20 42	2 8	21 14	1 14	2 17	1 20	3 23	2 24	3 51	0 46	18 28	0 4	20 4	3 20	15 10	14 45	22 41	1 43	4 3	S 24
S 25	23 26	21 52	5 8	19 42	2 38	20 31	2 22	21 5	1 14	2 19	1 20	3 24	2 25	3 51	0 46	18 28	0 4	20 4	3 20	15 12	14 46	22 39	1 43	4 4	S 25
M26	23 24	25 0	5 3	20 2	2 26	20 20	2 36	20 57	1 14	2 21	1 20	3 25	2 25	3 51	0 47	18 28	0 4	20 4	3 20	15 14	14 47	22 37	1 44	4 4	M26
T 27	23 22	26 56	4 44	20 23	2 14	20 9	2 50	20 48	1 14	2 22	1 20	3 26	2 25	3 51	0 47	18 29	0 4	20 4	3 19	15 16	14 48	22 35	1 44	4 4	T 27
W28	23 19	27 32	4 12	20 44	2 2	19 59	3 4	20 39	1 14	2 24	1 19	3 27	2 25	3 51	0 47	18 29	0 4	20 4	3 19	15 19	14 49	22 33	1 44	4 4	W28
T 29	23 16	26 50	3 29	21 4	1 50	19 48	3 18	20 30	1 13	2 26	1 19	3 28	2 26	3 51	0 47	18 29	0 4	20 4	3 19	15 21	14 50	22 31	1 44	4 4	T 29
F 30	23n13	24s54	2s38	21n24	1s38	19n38	3s31	20n21	1n13	2s28	1n19	3n28	2s26	3s51	0s47	18s30	0n 4	20n 4	3s19	15s22	14s51	22s28	1n44	4n 4	F 30

Julian Day Number = 2332262.5, Delta T = 27.59 sec
Ecliptic obliquity = 23°29'01, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°10'54, Lahiri = 19°17'54Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1673
geocentric

JULY 1673 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 38 13	9♋28'55	29♉37	20♊35	9°R 0	5♌10	9♎20	14♈31	22°R 6	6°R57	4♋55	18°R14	19♒56	28♉11	24°R58	S 1
S 2	18 42 10	10°26'05	11♒24	22°11	8♋22	5°48	9°24	14°34	22♓ 5	6♒56	4°57	18♒13	19°53	28°17	24♓58	S 2
M 3	18 46 6	11°23'15	23°12	23°51	7°45	6°25	9°29	14°36	22° 5	6°54	4°58	18°D12	19°50	28°24	24°58	M 3
T 4	18 50 3	12°20'26	5♓ 5	25°34	7° 8	7° 3	9°34	14°38	22° 5	6°53	5° 0	18°13	19°47	28°31	24°57	T 4
W 5	18 53 59	13°17'37	17° 6	27°21	6°32	7°41	9°39	14°41	22° 4	6°52	5° 1	18°15	19°44	28°37	24°57	W 5
T 6	18 57 56	14°14'48	29°20	29°10	5°57	8°18	9°44	14°43	22° 4	6°50	5° 3	18°17	19°40	28°44	24°57	T 6
F 7	19 1 53	15°12'00	11♈50	1♋ 3	5°24	8°56	9°50	14°45	22° 3	6°49	5° 4	18°R17	19°37	28°51	24°56	F 7
S 8	19 5 49	16° 9'12	24°43	2°58	4°52	9°34	9°55	14°47	22° 3	6°47	5° 6	18°17	19°34	28°57	24°56	S 8
S 9	19 9 46	17° 6'25	8♉ 1	4°56	4°21	10°11	10° 1	14°49	22° 2	6°46	5° 7	18°16	19°31	29° 4	24°55	S 9
M10	19 13 42	18° 3'39	21°46	6°56	3°52	10°49	10° 7	14°51	22° 2	6°44	5° 9	18°13	19°28	29°11	24°54	M10
T 11	19 17 39	19° 0'53	6♊ 0	8°59	3°25	11°27	10°13	14°52	22° 1	6°43	5°10	18° 9	19°25	29°17	24°54	T 11
W12	19 21 35	19°58'09	20°38	11° 3	3° 0	12° 4	10°19	14°54	22° 0	6°41	5°12	18° 5	19°21	29°24	24°53	W12
T 13	19 25 32	20°55'24	5♋36	13° 8	2°37	12°42	10°25	14°55	22° 0	6°40	5°13	18° 2	19°18	29°31	24°52	T 13
F 14	19 29 29	21°52'41	20°46	15°14	2°16	13°20	10°32	14°57	21°59	6°38	5°15	17°59	19°15	29°37	24°51	F 14
S 15	19 33 25	22°49'57	5♌58	17°21	1°58	13°57	10°38	14°58	21°58	6°36	5°16	17°57	19°12	29°44	24°50	S 15
S 16	19 37 22	23°47'14	21° 1	19°29	1°42	14°35	10°45	14°59	21°57	6°35	5°17	17°D57	19° 9	29°51	24°49	S 16
M17	19 41 18	24°44'32	5♍49	21°37	1°28	15°13	10°52	15° 0	21°56	6°33	5°19	17°58	19° 6	29°57	24°48	M17
T 18	19 45 15	25°41'49	20°16	23°45	1°16	15°51	10°59	15° 1	21°55	6°32	5°20	17°59	19° 2	0♒ 4	24°47	T 18
W19	19 49 11	26°39'08	4♎17	25°52	1° 7	16°28	11° 6	15° 2	21°54	6°30	5°22	18° 0	18°59	0°10	24°46	W19
T 20	19 53 8	27°36'26	17°54	27°59	1° 0	17° 6	11°13	15° 3	21°53	6°28	5°23	18° 1	18°56	0°17	24°45	T 20
F 21	19 57 4	28°33'45	1♏ 7	0♌ 5	0°56	17°44	11°20	15° 3	21°52	6°27	5°24	18°R 1	18°53	0°24	24°44	F 21
S 22	20 1 1	29°31'04	13°58	2°10	0°D54	18°22	11°28	15° 4	21°51	6°25	5°26	18° 1	18°50	0°30	24°42	S 22
S 23	20 4 58	0♌28'24	26°32	4°14	0°54	19° 0	11°35	15° 4	21°49	6°24	5°27	17°59	18°46	0°37	24°41	S 23
M24	20 8 54	1°25'44	8♐50	6°16	0°57	19°37	11°43	15° 5	21°48	6°22	5°29	17°57	18°43	0°44	24°40	M24
T 25	20 12 51	2°23'06	20°57	8°18	1° 2	20°15	11°51	15° 5	21°47	6°20	5°30	17°55	18°40	0°50	24°38	T 25
W26	20 16 47	3°20'27	2♑56	10°18	1° 9	20°53	11°59	15° 5	21°46	6°19	5°31	17°53	18°37	0°57	24°37	W26
T 27	20 20 44	4°17'50	14°48	12°16	1°18	21°31	12° 7	15°R 5	21°44	6°17	5°33	17°51	18°34	1° 4	24°35	T 27
F 28	20 24 40	5°15'13	26°37	14°13	1°29	22° 9	12°15	15° 5	21°43	6°15	5°34	17°49	18°31	1°10	24°34	F 28
S 29	20 28 37	6°12'37	8♒26	16° 8	1°43	22°47	12°24	15° 5	21°41	6°14	5°35	17°49	18°27	1°17	24°32	S 29
S 30	20 32 33	7°10'02	20°15	18° 2	1°58	23°24	12°32	15° 5	21°40	6°12	5°37	17°D48	18°24	1°24	24°31	S 30
M31	20 36 30	8♌ 7'28	2♓ 8	19♌55	2♋15	24♌ 2	12♎41	15♈ 4	21♓38	6♒11	5♋38	17♒49	18♒21	1♒30	24♓29	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	23n 9	21s54	1s40	21n44	1s25	19n27	3s44	20n12	1n13	2s30	1n19	3n29	2s26	3s51	0s47	18s30	0n 4	20n 4	3s19	15s23	14s52	22s26	1n44	4n 4
S 2	23 4	17 59	0 37	22 3	1 13	19 17	3 56	20 2	1 13	2 32	1 18	3 30	2 26	3 52	0 47	18 30	0 4	20 4	3 19	15 24	14 53	22 24	1 44	4 5
M 3	23 0	13 23	0n27	22 21	1 0	19 8	4 8	19 53	1 13	2 34	1 18	3 31	2 27	3 52	0 47	18 31	0 4	20 4	3 19	15 24	14 54	22 22	1 44	4 5
T 4	22 55	8 15	1 31	22 37	0 47	18 58	4 20	19 43	1 13	2 36	1 18	3 31	2 27	3 52	0 47	18 31	0 4	20 4	3 19	15 24	14 55	22 20	1 44	4 5
W 5	22 49	2 47	2 31	22 53	0 35	18 49	4 30	19 33	1 13	2 39	1 18	3 32	2 27	3 52	0 47	18 32	0 4	20 4	3 19	15 23	14 56	22 18	1 44	4 5
T 6	22 43	2n53	3 26	23 7	0 22	18 41	4 41	19 23	1 12	2 41	1 17	3 33	2 27	3 52	0 47	18 32	0 4	20 4	3 19	15 23	14 57	22 15	1 44	4 5
F 7	22 37	8 33	4 12	23 19	0 10	18 32	4 50	19 13	1 12	2 43	1 17	3 33	2 28	3 53	0 47	18 32	0 4	20 4	3 19	15 22	14 58	22 13	1 44	4 5
S 8	22 30	14 2	4 47	23 29	0n 2	18 24	5 0	19 3	1 12	2 46	1 17	3 34	2 28	3 53	0 47	18 33	0 4	20 4	3 19	15 23	14 59	22 11	1 44	4 6
S 9	22 23	19 4	5 8	23 36	0 13	18 17	5 8	18 53	1 12	2 48	1 17	3 34	2 28	3 53	0 47	18 33	0 4	20 4	3 19	15 23	15 0	22 9	1 44	4 6
M10	22 16	23 16	5 13	23 42	0 24	18 10	5 16	18 42	1 12	2 51	1 16	3 34	2 29	3 53	0 47	18 34	0 4	20 4	3 19	15 24	15 1	22 7	1 44	4 6
T 11	22 8	26 14	4 58	23 45	0 34	18 4	5 23	18 32	1 12	2 53	1 16	3 35	2 29	3 54	0 47	18 34	0 4	20 4	3 19	15 25	15 2	22 4	1 44	4 6
W12	22 0	27 33	4 24	23 46	0 44	17 58	5 29	18 21	1 11	2 56	1 16	3 35	2 29	3 54	0 47	18 34	0 4	20 4	3 19	15 26	15 3	22 2	1 44	4 6
T 13	21 51	26 54	3 32	23 43	0 54	17 52	5 35	18 10	1 11	2 58	1 16	3 36	2 29	3 54	0 47	18 35	0 4	20 4	3 19	15 27	15 4	22 0	1 44	4 6
F 14	21 42	24 15	2 24	23 38	1 2	17 47	5 40	17 59	1 11	3 1	1 15	3 36	2 30	3 55	0 47	18 35	0 4	20 4	3 19	15 28	15 5	21 58	1 43	4 6
S 15	21 33	19 53	1 6	23 31	1 10	17 43	5 45	17 48	1 11	3 4	1 15	3 36	2 30	3 55	0 47	18 35	0 4	20 4	3 19	15 29	15 6	21 55	1 43	4 7
S 16	21 23	14 15	0s17	23 20	1 17	17 39	5 49	17 37	1 11	3 7	1 15	3 36	2 30	3 55	0 47	18 36	0 4	20 4	3 19	15 29	15 7	21 53	1 43	4 7
M17	21 13	7 53	1 37	23 7	1 24	17 36	5 52	17 26	1 11	3 10	1 15	3 36	2 31	3 56	0 47	18 36	0 4	20 4	3 19	15 29	15 8	21 51	1 43	4 7
T 18	21 3	1 17	2 49	22 51	1 29	17 33	5 55	17 14	1 10	3 13	1 14	3 36	2 31	3 56	0 47	18 37	0 4	20 4	3 19	15 28	15 9	21 49	1 42	4 7
W19	20 52	5s12	3 48	22 33	1 34	17 31	5 58	17 3	1 10	3 16	1 14	3 37	2 31	3 57	0 47	18 37	0 4	20 4	3 19	15 28	15 10	21 47	1 42	4 7
T 20	20 41	11 15	4 33	22 12	1 38	17 29	5 59	16 51	1 10	3 19	1 14	3 37	2 31	3 57	0 47	18 38	0 4	20 4	3 19	15 28	15 11	21 44	1 42	4 7
F 21	20 29	16 36	5 2	21 49	1 41	17 28	6 1	16 39	1 10	3 22	1 14	3 37	2 32	3 58	0 47	18 38	0 4	20 4	3 19	15 27	15 12	21 42	1 41	4 7
S 22	20 17	21 4	5 15	21 24	1 44	17 27	6 1	16 27	1 10	3 25	1 14	3 37	2 32	3 58	0 47	18 38	0 4	20 4	3 19	15 28	15 13	21 40	1 41	4 8
S 23	20 5	24 28	5 12	20 57	1 46	17 27	6 2	16 15	1 9	3 28	1 13	3 36	2 32	3 59	0 47	18 39	0 4	20 4	3 18	15 28	15 14	21 37	1 40	4 8
M24	19 53	26 40	4 55	20 28	1 47	17 27	6 2	16 3	1 9	3 31	1 13	3 36	2 33	3 59	0 47	18 39	0 4	20 4	3 18	15 29	15 15	21 35	1 40	4 8
T 25	19 40	27 35	4 25	19 57	1 47	17 28	6 1	15 51	1 9	3 34	1 13	3 36	2 33	4 0	0 48	18 40	0 4	20 4	3 18	15 29	15 15	21 33	1 40	4 8
W26	19 27	27 11	3 44	19 25	1 47	17 29	6 0	15 39	1 9	3 38	1 13	3 36	2 33	4 0	0 48	18 40	0 4	20 4	3 18	15 30	15 16	21 31	1 39	4 8
T 27	19 13	25 31	2 53	18 51	1 46	17 30	5 59	15 26	1 9	3 41	1 13	3 36	2 33	4 1	0 48	18 40	0 4	20 4	3 18	15 31	15 17	21 28	1 39	4 8
F 28	18 59	22 45	1 55	18 16	1 44	17 31	5 57	15 14	1 8	3 45	1 12	3 35	2 34	4 1	0 48	18 41	0 4	20 4	3 18	15 31	15 18	21 26	1 38	4 8
S 29	18 45	19 1	0 52	17 39	1 42	17 33	5 55	15 1	1 8	3 48	1 12	3 35	2 34	4 2	0 48	18 41	0 4	20 4	3 18	15 31	15 19	21 24	1 38	4 8
S 30	18 31	14 33	0n14	17 2	1 40	17 35	5 53	14 49	1 8	3 51	1 12	3 35	2 34	4 2	0 48	18 42	0 4	20 4	3 18	15 31	15 20	21 21	1 37	4 9
M31	18n16	9s31	1n19	16n24	1n37	17n38	5s50	14n36	1n 8	3s55	1n12	3n34	2s35	4s 3	0s48	18s42	0n 4	20n 4	3s18	15s31	15s21	21s19	1n36	4n 9

Julian Day Number = 2332292.5, Delta T = 27.54 sec
Ecliptic obliquity = 23°29'01, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°10'58, Lahiri = 19°17'59Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1673
geocentric

AUGUST 1673 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 40 27	9♌ 4'55	14♓ 6	21♌45	2♋34	24♌40	12♎49	15°R 4	21°R37	6°R 9	5♋39	17♒49	18♒18	1♒37	24°R27	T 1
W 2	20 44 23	10° 2'23	26°14	23°34	2°55	25°18	12°58	15♈ 3	21♓35	6♒ 7	5°41	17°50	18°15	1°44	24♓25	W 2
T 3	20 48 20	10°59'53	8♈33	25°22	3°18	25°56	13° 7	15° 2	21°34	6° 6	5°42	17°51	18°11	1°50	24°24	T 3
F 4	20 52 16	11°57'24	21° 8	27° 8	3°43	26°34	13°16	15° 2	21°32	6° 4	5°43	17°52	18° 8	1°57	24°22	F 4
S 5	20 56 13	12°54'56	4♉ 0	28°52	4° 9	27°12	13°25	15° 1	21°30	6° 2	5°44	17°52	18° 5	2° 4	24°20	S 5
S 6	21 0 9	13°52'30	17°14	0♍35	4°36	27°50	13°34	15° 0	21°29	6° 1	5°46	17°R52	18° 2	2°10	24°18	S 6
M 7	21 4 6	14°50'05	0♊52	2°17	5° 6	28°28	13°43	14°59	21°27	5°59	5°47	17°52	17°59	2°17	24°16	M 7
T 8	21 8 2	15°47'42	14°55	3°57	5°36	29° 6	13°53	14°58	21°25	5°58	5°48	17°52	17°56	2°24	24°14	T 8
W 9	21 11 59	16°45'20	29°21	5°35	6° 8	29°44	14° 2	14°56	21°23	5°56	5°49	17°51	17°52	2°30	24°12	W 9
T 10	21 15 56	17°43'00	14♋ 7	7°12	6°42	0♍22	14°12	14°55	21°21	5°54	5°50	17°D51	17°49	2°37	24°10	T 10
F 11	21 19 52	18°40'42	29° 9	8°48	7°16	1° 0	14°21	14°53	21°19	5°53	5°52	17°51	17°46	2°43	24° 8	F 11
S 12	21 23 49	19°38'24	14♌16	10°21	7°52	1°38	14°31	14°52	21°18	5°51	5°53	17°R51	17°43	2°50	24° 5	S 12
S 13	21 27 45	20°36'08	29°22	11°54	8°30	2°16	14°41	14°50	21°16	5°50	5°54	17°51	17°40	2°57	24° 3	S 13
M14	21 31 42	21°33'54	14♍16	13°25	9° 8	2°54	14°51	14°48	21°14	5°48	5°55	17°51	17°37	3° 3	24° 1	M14
T 15	21 35 38	22°31'40	28°52	14°54	9°48	3°33	15° 1	14°46	21°12	5°47	5°56	17°51	17°33	3°10	23°59	T 15
W16	21 39 35	23°29'28	13♎ 3	16°22	10°28	4°11	15°11	14°44	21°10	5°45	5°57	17°50	17°30	3°17	23°56	W16
T 17	21 43 31	24°27'17	26°49	17°49	11°10	4°49	15°22	14°42	21° 8	5°44	5°58	17°50	17°27	3°23	23°54	T 17
F 18	21 47 28	25°25'07	10♏ 7	19°14	11°52	5°27	15°32	14°40	21° 5	5°42	5°59	17°49	17°24	3°30	23°52	F 18
S 19	21 51 25	26°22'59	23° 1	20°37	12°36	6° 5	15°42	14°38	21° 3	5°41	6° 0	17°D49	17°21	3°37	23°49	S 19
S 20	21 55 21	27°20'51	5♐34	21°59	13°20	6°43	15°53	14°36	21° 1	5°39	6° 1	17°49	17°17	3°43	23°47	S 20
M21	21 59 18	28°18'45	17°49	23°19	14° 6	7°22	16° 3	14°33	20°59	5°38	6° 2	17°49	17°14	3°50	23°44	M21
T 22	22 3 14	29°16'41	29°51	24°37	14°52	8° 0	16°14	14°31	20°57	5°36	6° 3	17°50	17°11	3°57	23°42	T 22
W23	22 7 11	0♏14'37	11♑45	25°54	15°39	8°38	16°25	14°28	20°55	5°35	6° 4	17°51	17° 8	4° 3	23°39	W23
T 24	22 11 7	1°12'35	23°34	27° 9	16°27	9°16	16°36	14°25	20°53	5°33	6° 5	17°53	17° 5	4°10	23°37	T 24
F 25	22 15 4	2°10'35	5♒22	28°22	17°16	9°55	16°46	14°22	20°50	5°32	6° 6	17°53	17° 2	4°17	23°34	F 25
S 26	22 19 0	3° 8'36	17°11	29°33	18° 5	10°33	16°57	14°20	20°48	5°30	6° 7	17°R54	16°58	4°23	23°32	S 26
S 27	22 22 57	4° 6'38	29° 6	0♎42	18°55	11°11	17° 8	14°17	20°46	5°29	6° 8	17°54	16°55	4°30	23°29	S 27
M28	22 26 54	5° 4'42	11♓ 7	1°50	19°46	11°50	17°20	14°14	20°44	5°28	6° 9	17°52	16°52	4°37	23°27	M28
T 29	22 30 50	6° 2'48	23°18	2°54	20°38	12°28	17°31	14°10	20°41	5°26	6°10	17°50	16°49	4°43	23°24	T 29
W30	22 34 47	7° 0'56	5♈38	3°57	21°30	13° 7	17°42	14° 7	20°39	5°25	6°10	17°48	16°46	4°50	23°21	W30
T 31	22 38 43	7♍59'05	18♈10	4♎57	22♋23	13♍45	17♎53	14♈ 4	20♓37	5♒24	6♋11	17♒45	16♒43	4♒56	23♓19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 1	4s 6	2n21	15n45	1n33	17n40	5s47	14n23	1n 8	3s58	1n12	3n34	2s35	4s 4	0s48	18s43	0n 4	20n 4	3s18	15s31	15s22	21s17	1n36	4n 9
W 2	17 46	1n31	3 18	15 5	1 29	17 43	5 44	14 10	1 7	4 2	1 11	3 33	2 35	4 4	0 48	18 43	0 4	20 4	3 18	15 31	15 23	21 14	1 35	4 9
T 3	17 30	7 10	4 6	14 25	1 24	17 46	5 41	13 57	1 7	4 6	1 11	3 33	2 35	4 5	0 48	18 43	0 4	20 4	3 18	15 31	15 24	21 12	1 35	4 9
F 4	17 14	12 38	4 44	13 44	1 19	17 48	5 38	13 44	1 7	4 9	1 11	3 32	2 36	4 6	0 48	18 44	0 4	20 3	3 18	15 30	15 25	21 10	1 34	4 9
S 5	16 58	17 42	5 8	13 2	1 14	17 51	5 34	13 31	1 7	4 13	1 11	3 32	2 36	4 6	0 48	18 44	0 4	20 3	3 18	15 30	15 26	21 8	1 33	4 9
S 6	16 42	22 5	5 18	12 21	1 8	17 55	5 30	13 17	1 6	4 17	1 11	3 31	2 36	4 7	0 48	18 45	0 4	20 3	3 18	15 30	15 27	21 5	1 33	4 9
M 7	16 25	25 25	5 10	11 39	1 2	17 58	5 26	13 4	1 6	4 21	1 10	3 30	2 36	4 8	0 48	18 45	0 4	20 3	3 18	15 30	15 28	21 3	1 32	4 9
T 8	16 8	27 19	4 43	10 56	0 55	18 1	5 22	12 50	1 6	4 24	1 10	3 30	2 37	4 9	0 48	18 45	0 4	20 3	3 18	15 30	15 29	21 0	1 31	4 9
W 9	15 51	27 27	3 58	10 14	0 49	18 4	5 17	12 37	1 6	4 28	1 10	3 29	2 37	4 9	0 48	18 46	0 4	20 3	3 18	15 30	15 30	20 58	1 31	4 10
T 10	15 33	25 40	2 57	9 32	0 42	18 7	5 13	12 23	1 5	4 32	1 10	3 28	2 37	4 10	0 48	18 46	0 4	20 3	3 18	15 31	15 31	20 56	1 30	4 10
F 11	15 15	22 2	1 42	8 49	0 34	18 10	5 8	12 9	1 5	4 36	1 10	3 27	2 37	4 11	0 48	18 47	0 4	20 3	3 18	15 31	15 32	20 53	1 29	4 10
S 12	14 57	16 54	0 20	8 7	0 27	18 12	5 3	11 55	1 5	4 40	1 9	3 27	2 38	4 12	0 48	18 47	0 4	20 3	3 18	15 30	15 33	20 51	1 28	4 10
S 13	14 39	10 43	1s 4	7 24	0 19	18 15	4 58	11 41	1 5	4 44	1 9	3 26	2 38	4 12	0 48	18 47	0 4	20 3	3 18	15 31	15 34	20 49	1 27	4 10
M14	14 21	4 1	2 22	6 42	0 11	18 18	4 53	11 28	1 4	4 48	1 9	3 25	2 38	4 13	0 48	18 48	0 4	20 3	3 18	15 31	15 35	20 46	1 27	4 10
T 15	14 2	2s44	3 29	6 0	0 3	18 20	4 48	11 13	1 4	4 52	1 9	3 24	2 39	4 14	0 48	18 48	0 4	20 3	3 18	15 31	15 36	20 44	1 26	4 10
W16	13 43	9 10	4 21	5 18	0s 5	18 22	4 43	10 59	1 4	4 56	1 9	3 23	2 39	4 15	0 48	18 49	0 4	20 3	3 18	15 31	15 37	20 42	1 25	4 10
T 17	13 24	14 57	4 56	4 37	0 14	18 24	4 37	10 45	1 4	5 0	1 9	3 22	2 39	4 16	0 48	18 49	0 4	20 3	3 18	15 31	15 38	20 39	1 24	4 10
F 18	13 4	19 51	5 15	3 56	0 22	18 26	4 32	10 31	1 3	5 4	1 8	3 21	2 39	4 16	0 48	18 49	0 4	20 3	3 18	15 31	15 39	20 37	1 23	4 10
S 19	12 45	23 39	5 16	3 15	0 31	18 28	4 26	10 16	1 3	5 9	1 8	3 20	2 39	4 17	0 48	18 50	0 4	20 3	3 18	15 31	15 40	20 34	1 22	4 10
S 20	12 25	26 14	5 2	2 35	0 40	18 29	4 21	10 2	1 3	5 13	1 8	3 18	2 40	4 18	0 48	18 50	0 4	20 3	3 18	15 31	15 41	20 32	1 21	4 10
M21	12 5	27 29	4 35	1 55	0 49	18 30	4 15	9 48	1 3	5 17	1 8	3 17	2 40	4 19	0 48	18 51	0 4	20 3	3 18	15 31	15 42	20 30	1 20	4 10
T 22	11 45	27 25	3 56	1 15	0 58	18 31	4 10	9 33	1 2	5 21	1 8	3 16	2 40	4 20	0 48	18 51	0 4	20 3	3 18	15 31	15 43	20 27	1 19	4 10
W23	11 24	26 4	3 7	0 36	1 7	18 31	4 4	9 18	1 2	5 25	1 8	3 15	2 40	4 21	0 48	18 51	0 4	20 3	3 18	15 30	15 44	20 25	1 18	4 10
T 24	11 4	23 34	2 11	0s 2	1 16	18 32	3 58	9 4	1 2	5 30	1 8	3 14	2 41	4 22	0 48	18 52	0 4	20 3	3 18	15 30	15 45	20 22	1 17	4 10
F 25	10 43	20 5	1 9	0 39	1 25	18 31	3 52	8 49	1 2	5 34	1 7	3 12	2 41	4 23	0 48	18 52	0 3	20 2	3 18	15 30	15 46	20 20	1 16	4 10
S 26	10 22	15 46	0 4	1 16	1 35	18 31	3 47	8 34	1 1	5 38	1 7	3 11	2 41	4 23	0 48	18 52	0 3	20 2	3 18	15 30	15 47	20 17	1 15	4 10
S 27	10 1	10 51	1n 2	1 52	1 44	18 30	3 41	8 19	1 1	5 43	1 7	3 10	2 41	4 24	0 48	18 53	0 3	20 2	3 18	15 30	15 48	20 15	1 14	4 10
M28	9 40	5 29	2 5	2 27	1 53	18 29	3 35	8 4	1 1	5 47	1 7	3 8	2 42	4 25	0 48	18 53	0 3	20 2	3 18	15 30	15 49	20 13	1 13	4 10
T 29	9 19	0n 8	3 3	3 1	2 2	18 27	3 29	7 50	1 0	5 51	1 7	3 7	2 42	4 26	0 48	18 53	0 3	20 2	3 18	15 31	15 50	20 10	1 12	4 10
W30	8 57	5 49	3 54	3 35	2 11	18 25	3 23	7 35	1 0	5 56	1 7	3 5	2 42	4 27	0 48	18 54	0 3	20 2	3 18	15 32	15 50	20 8	1 11	4 10
T 31	8n35	11n21	4n34	4s 7	2s20	18n23	3s17	7n19	1n 0	6s 0	1n 7	3n 4	2s42	4s28	0s48	18s54	0n 3	20n 2	3s18	15s33	15s51	20s 5	1n10	4n10

Julian Day Number = 2332323.5, Delta T = 27.48 sec
Ecliptic obliquity = 23°29'01, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°11'02, Lahiri = 19°18'03Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1673
geocentric

SEPTEMBER 1673 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 42 40	8♍57'17	0♉56	5♎55	23♋17	14♍23	18♎ 5	14°R 1	20°R34	5°R22	6♋12	17°R42	16♒39	5♒ 3	23°R16	F 1
S 2	22 46 36	9°55'30	13°56	6°49	24°11	15° 2	18°16	13♈57	20♓32	5♒21	6°13	17♒39	16°36	5°10	23♓13	S 2
S 3	22 50 33	10°53'46	27°13	7°41	25° 6	15°40	18°28	13°54	20°30	5°20	6°14	17°37	16°33	5°16	23°10	S 3
M 4	22 54 29	11°52'04	10♊47	8°30	26° 1	16°19	18°39	13°50	20°27	5°19	6°14	17°D37	16°30	5°23	23° 8	M 4
T 5	22 58 26	12°50'23	24°40	9°15	26°57	16°57	18°51	13°46	20°25	5°17	6°15	17°37	16°27	5°30	23° 5	T 5
W 6	23 2 23	13°48'45	8♋51	9°57	27°53	17°36	19° 3	13°43	20°22	5°16	6°16	17°38	16°23	5°36	23° 2	W 6
T 7	23 6 19	14°47'10	23°18	10°35	28°50	18°14	19°14	13°39	20°20	5°15	6°16	17°40	16°20	5°43	22°59	T 7
F 8	23 10 16	15°45'36	8♌ 0	11° 8	29°47	18°53	19°26	13°35	20°18	5°14	6°17	17°41	16°17	5°50	22°57	F 8
S 9	23 14 12	16°44'04	22°50	11°38	0♌45	19°32	19°38	13°31	20°15	5°13	6°18	17°R41	16°14	5°56	22°54	S 9
S 10	23 18 9	17°42'34	7♍42	12° 2	1°43	20°10	19°50	13°27	20°13	5°12	6°18	17°40	16°11	6° 3	22°51	S 10
M11	23 22 5	18°41'07	22°28	12°21	2°42	20°49	20° 2	13°23	20°10	5°11	6°19	17°37	16° 8	6°10	22°48	M11
T 12	23 26 2	19°39'41	7♎ 1	12°35	3°41	21°28	20°14	13°19	20° 8	5° 9	6°20	17°33	16° 4	6°16	22°45	T 12
W13	23 29 58	20°38'17	21°14	12°43	4°41	22° 6	20°26	13°15	20° 6	5° 8	6°20	17°28	16° 1	6°23	22°43	W13
T 14	23 33 55	21°36'54	5♏ 3	12°R45	5°41	22°45	20°38	13°11	20° 3	5° 7	6°21	17°23	15°58	6°30	22°40	T 14
F 15	23 37 51	22°35'34	18°27	12°41	6°41	23°24	20°51	13° 6	20° 1	5° 6	6°21	17°18	15°55	6°36	22°37	F 15
S 16	23 41 48	23°34'15	1♐25	12°29	7°42	24° 3	21° 3	13° 2	19°58	5° 5	6°22	17°14	15°52	6°43	22°34	S 16
S 17	23 45 45	24°32'58	13°59	12°11	8°43	24°41	21°15	12°58	19°56	5° 5	6°22	17°12	15°49	6°49	22°31	S 17
M18	23 49 41	25°31'43	26°15	11°45	9°44	25°20	21°27	12°53	19°54	5° 4	6°23	17°D12	15°45	6°56	22°29	M18
T 19	23 53 38	26°30'30	8♑17	11°12	10°46	25°59	21°40	12°49	19°51	5° 3	6°23	17°12	15°42	7° 3	22°26	T 19
W20	23 57 34	27°29'18	20° 9	10°32	11°48	26°38	21°52	12°44	19°49	5° 2	6°23	17°14	15°39	7° 9	22°23	W20
T 21	0 1 31	28°28'08	1♒57	9°45	12°51	27°17	22° 5	12°40	19°46	5° 1	6°24	17°15	15°36	7°16	22°20	T 21
F 22	0 5 27	29°27'00	13°46	8°51	13°54	27°56	22°17	12°35	19°44	5° 0	6°24	17°R16	15°33	7°23	22°17	F 22
S 23	0 9 24	0♎25'53	25°39	7°52	14°57	28°35	22°30	12°31	19°42	5° 0	6°24	17°16	15°29	7°29	22°15	S 23
S 24	0 13 20	1°24'49	7♓40	6°49	16° 0	29°14	22°42	12°26	19°39	4°59	6°25	17°14	15°26	7°36	22°12	S 24
M25	0 17 17	2°23'46	19°53	5°42	17° 4	29°53	22°55	12°22	19°37	4°58	6°25	17°10	15°23	7°43	22° 9	M25
T 26	0 21 14	3°22'45	2♈18	4°34	18° 8	0♎32	23° 8	12°17	19°35	4°57	6°25	17° 3	15°20	7°49	22° 6	T 26
W27	0 25 10	4°21'47	14°56	3°26	19°13	1°11	23°20	12°12	19°32	4°57	6°25	16°56	15°17	7°56	22° 4	W27
T 28	0 29 7	5°20'50	27°48	2°19	20°17	1°50	23°33	12° 8	19°30	4°56	6°26	16°47	15°14	8° 3	22° 1	T 28
F 29	0 33 3	6°19'56	10♉54	1°16	21°22	2°29	23°46	12° 3	19°28	4°56	6°26	16°38	15°10	8° 9	21°58	F 29
S 30	0 37 0	7♎19'04	24♉11	0♎19	22♌27	3♎ 8	23♎58	11♈58	19♓26	4♒55	6♋26	16♒31	15♒ 7	8♒16	21♓55	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	8n14	16n31	5n 2	4s38	2s29	18n20	3s11	7n 4	1n 0	6s 5	1n 6	3n 2	2s42	4s29	0s48	18s54	0n 3	20n 2	3s18	15s34	15s52	20s 3	1n 9	4n10	
S 2	7 52	21 3	5 14	5 7	2 38	18 17	3 5	6 49	0 59	6 9	1 6	3 1	2 43	4 30	0 48	18 55	0 3	20 2	3 18	15 34	15 53	20 0	1 8	4 10	
S 3	7 30	24 36	5 10	5 36	2 46	18 13	2 59	6 34	0 59	6 14	1 6	2 59	2 43	4 31	0 48	18 55	0 3	20 2	3 18	15 35	15 54	19 58	1 7	4 10	
M 4	7 7	26 53	4 50	6 3	2 54	18 9	2 53	6 19	0 59	6 18	1 6	2 58	2 43	4 32	0 48	18 55	0 3	20 2	3 18	15 35	15 55	19 55	1 6	4 10	
T 5	6 45	27 34	4 12	6 28	3 2	18 4	2 47	6 3	0 58	6 23	1 6	2 56	2 43	4 33	0 48	18 56	0 3	20 2	3 18	15 35	15 56	19 53	1 5	4 10	
W 6	6 23	26 28	3 17	6 52	3 10	17 59	2 41	5 48	0 58	6 27	1 6	2 55	2 43	4 34	0 48	18 56	0 3	20 2	3 18	15 35	15 57	19 50	1 4	4 10	
T 7	6 0	23 36	2 10	7 13	3 18	17 54	2 35	5 33	0 58	6 32	1 6	2 53	2 43	4 35	0 48	18 56	0 3	20 2	3 18	15 34	15 58	19 48	1 3	4 10	
F 8	5 38	19 9	0 53	7 33	3 25	17 48	2 30	5 17	0 58	6 37	1 6	2 51	2 44	4 36	0 48	18 57	0 3	20 2	3 18	15 34	15 59	19 45	1 1	4 10	
S 9	5 15	13 29	0s28	7 51	3 31	17 41	2 24	5 2	0 57	6 41	1 5	2 50	2 44	4 36	0 48	18 57	0 3	20 2	3 19	15 34	16 0	19 43	1 0	4 10	
S 10	4 52	7 2	1 48	8 6	3 37	17 34	2 18	4 46	0 57	6 46	1 5	2 48	2 44	4 37	0 48	18 57	0 3	20 2	3 19	15 34	16 1	19 40	0 59	4 10	
M11	4 29	0 15	2 59	8 18	3 43	17 27	2 12	4 31	0 57	6 50	1 5	2 46	2 44	4 38	0 48	18 57	0 3	20 2	3 19	15 35	16 2	19 38	0 58	4 10	
T 12	4 6	6s26	3 58	8 28	3 47	17 19	2 6	4 15	0 56	6 55	1 5	2 45	2 44	4 39	0 48	18 58	0 3	20 2	3 19	15 36	16 3	19 35	0 57	4 10	
W13	3 43	12 37	4 40	8 35	3 51	17 11	2 0	4 0	0 56	7 0	1 5	2 43	2 44	4 40	0 48	18 58	0 3	20 2	3 19	15 38	16 4	19 33	0 56	4 10	
T 14	3 20	18 1	5 5	8 38	3 54	17 2	1 54	3 44	0 56	7 4	1 5	2 41	2 44	4 41	0 48	18 58	0 3	20 1	3 19	15 39	16 5	19 30	0 55	4 10	
F 15	2 57	22 20	5 12	8 38	3 56	16 53	1 49	3 28	0 55	7 9	1 5	2 39	2 45	4 42	0 48	18 58	0 3	20 1	3 19	15 41	16 6	19 28	0 53	4 10	
S 16	2 33	25 25	5 2	8 34	3 56	16 43	1 43	3 13	0 55	7 14	1 5	2 38	2 45	4 43	0 48	18 59	0 3	20 1	3 19	15 42	16 7	19 25	0 52	4 10	
S 17	2 10	27 8	4 39	8 26	3 56	16 33	1 37	2 57	0 55	7 18	1 5	2 36	2 45	4 44	0 48	18 59	0 3	20 1	3 19	15 42	16 8	19 23	0 51	4 10	
M18	1 47	27 28	4 3	8 14	3 54	16 22	1 32	2 41	0 54	7 23	1 4	2 34	2 45	4 45	0 48	18 59	0 3	20 1	3 19	15 43	16 9	19 20	0 50	4 10	
T 19	1 23	26 29	3 16	7 58	3 50	16 11	1 26	2 25	0 54	7 28	1 4	2 32	2 45	4 46	0 48	18 59	0 3	20 1	3 19	15 42	16 10	19 18	0 49	4 10	
W20	1 0	24 19	2 22	7 37	3 45	15 59	1 20	2 10	0 54	7 33	1 4	2 30	2 45	4 47	0 48	19 0	0 3	20 1	3 19	15 42	16 10	19 15	0 47	4 9	
T 21	0 37	21 6	1 22	7 12	3 37	15 47	1 15	1 54	0 53	7 37	1 4	2 29	2 45	4 48	0 48	19 0	0 3	20 1	3 19	15 41	16 11	19 13	0 46	4 9	
F 22	0 13	17 2	0 19	6 42	3 28	15 35	1 9	1 38	0 53	7 42	1 4	2 27	2 45	4 49	0 48	19 0	0 3	20 1	3 19	15 41	16 12	19 10	0 45	4 9	
S 23	0s10	12 17	0n45	6 9	3 17	15 22	1 4	1 22	0 53	7 47	1 4	2 25	2 45	4 50	0 48	19 0	0 3	20 1	3 19	15 41	16 13	19 8	0 44	4 9	
S 24	0 34	7 2	1 48	5 32	3 4	15 8	0 59	1 6	0 52	7 52	1 4	2 23	2 46	4 51	0 48	19 0	0 3	20 1	3 19	15 42	16 14	19 5	0 43	4 9	
M25	0 57	1 27	2 47	4 52	2 50	14 54	0 53	0 51	0 52	7 56	1 4	2 21	2 46	4 51	0 48	19 1	0 3	20 1	3 19	15 43	16 15	19 3	0 42	4 9	
T 26	1 21	4n16	3 39	4 10	2 33	14 40	0 48	0 35	0 52	8 1	1 4	2 19	2 46	4 52	0 48	19 1	0 3	20 1	3 19	15 45	16 16	19 0	0 40	4 9	
W27	1 44	9 54	4 21	3 26	2 15	14 25	0 43	0 19	0 51	8 6	1 4	2 17	2 46	4 53	0 48	19 1	0 3	20 1	3 19	15 47	16 17	18 57	0 39	4 9	
T 28	2 8	15 13	4 50	2 42	1 56	14 9	0 38	0 3	0 51	8 11	1 4	2 16	2 46	4 54	0 48	19 1	0 3	20 1	3 19	15 50	16 18	18 55	0 38	4 9	
F 29	2 31	19 57	5 5	1 59	1 36	13 53	0 33	0s13	0 51	8 15	1 4	2 14	2 46	4 55	0 48	19 1	0 3	20 1	3 19	15 53	16 19	18 52	0 37	4 8	
S 30	2s55	23n46	5n 4	1s17	1s16	13n37	0s28	0s29	0n50	8s20	1n 3	2n12	2s46	4s56	0s48	19s 1	0n 3	20n 1	3s19	15s55	16s20	18s50	0n36	4n 8	

Julian Day Number = 2332354.5, Delta T = 27.43 sec
Ecliptic obliquity = 23°29'01, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°11'07, Lahiri = 19°18'07Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1673
geocentric

OCTOBER 1673 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 40 56	8♎18'14	7♊41	29°R29	23♌33	3♎47	24♎11	11°R53	19°R23	4°R55	6♋26	16°R25	15♒ 4	8♒22	21°R53	S 1
M 2	0 44 53	9°17'27	21°21	28♍47	24°38	4°26	24°24	11♈49	19♓21	4♒54	6°26	16♒21	15° 1	8°29	21♓50	M 2
T 3	0 48 49	10°16'42	5♋12	28°14	25°44	5° 6	24°37	11°44	19°19	4°54	6°26	16°D20	14°58	8°36	21°47	T 3
W 4	0 52 46	11°15'59	19°14	27°52	26°51	5°45	24°50	11°39	19°17	4°53	6°26	16°20	14°54	8°42	21°45	W 4
T 5	0 56 43	12°15'19	3♌25	27°41	27°57	6°24	25° 3	11°34	19°15	4°53	6°26	16°21	14°51	8°49	21°42	T 5
F 6	1 0 39	13°14'41	17°44	27°D40	29° 4	7° 3	25°16	11°30	19°12	4°52	6°R26	16°R21	14°48	8°56	21°40	F 6
S 7	1 4 36	14°14'05	2♍10	27°50	0♍11	7°43	25°29	11°25	19°10	4°52	6°26	16°20	14°45	9° 2	21°37	S 7
S 8	1 8 32	15°13'32	16°38	28°11	1°18	8°22	25°42	11°20	19° 8	4°52	6°26	16°17	14°42	9° 9	21°35	S 8
M 9	1 12 29	16°13'01	1♎ 3	28°41	2°25	9° 1	25°55	11°15	19° 6	4°52	6°26	16°11	14°39	9°16	21°32	M 9
T 10	1 16 25	17°12'31	15°19	29°21	3°33	9°41	26° 8	11°11	19° 4	4°51	6°26	16° 2	14°35	9°22	21°30	T 10
W11	1 20 22	18°12'04	29°21	0♎10	4°40	10°20	26°21	11° 6	19° 2	4°51	6°26	15°52	14°32	9°29	21°27	W11
T 12	1 24 18	19°11'39	13♏ 4	1° 6	5°48	11° 0	26°34	11° 1	19° 0	4°51	6°26	15°41	14°29	9°36	21°25	T 12
F 13	1 28 15	20°11'16	26°24	2° 9	6°56	11°39	26°47	10°57	18°58	4°51	6°26	15°31	14°26	9°42	21°22	F 13
S 14	1 32 12	21°10'55	9♐22	3°18	8° 5	12°19	27° 0	10°52	18°56	4°51	6°26	15°22	14°23	9°49	21°20	S 14
S 15	1 36 8	22°10'36	21°58	4°32	9°13	12°58	27°13	10°47	18°54	4°51	6°26	15°16	14°20	9°56	21°18	S 15
M16	1 40 5	23°10'18	4♑14	5°51	10°22	13°38	27°26	10°43	18°52	4°D51	6°25	15°12	14°16	10° 2	21°15	M16
T 17	1 44 1	24°10'03	16°16	7°14	11°31	14°17	27°39	10°38	18°51	4°51	6°25	15°10	14°13	10° 9	21°13	T 17
W18	1 47 58	25° 9'49	28° 8	8°41	12°40	14°57	27°52	10°34	18°49	4°51	6°25	15°D10	14°10	10°15	21°11	W18
T 19	1 51 54	26° 9'36	9♒56	10°10	13°49	15°37	28° 5	10°29	18°47	4°51	6°25	15°R10	14° 7	10°22	21° 9	T 19
F 20	1 55 51	27° 9'25	21°46	11°42	14°58	16°16	28°18	10°25	18°45	4°51	6°24	15°10	14° 4	10°29	21° 7	F 20
S 21	1 59 47	28° 9'16	3♓41	13°15	16° 8	16°56	28°32	10°20	18°44	4°51	6°24	15° 8	14° 0	10°35	21° 5	S 21
S 22	2 3 44	29° 9'09	15°48	14°50	17°18	17°36	28°45	10°16	18°42	4°51	6°24	15° 4	13°57	10°42	21° 2	S 22
M23	2 7 41	0♏ 9'04	28°10	16°26	18°27	18°16	28°58	10°12	18°40	4°51	6°23	14°58	13°54	10°49	21° 0	M23
T 24	2 11 37	1° 9'00	10♈48	18° 3	19°37	18°55	29°11	10° 7	18°39	4°52	6°23	14°49	13°51	10°55	20°58	T 24
W25	2 15 34	2° 8'58	23°45	19°41	20°47	19°35	29°24	10° 3	18°37	4°52	6°22	14°37	13°48	11° 2	20°57	W25
T 26	2 19 30	3° 8'58	6♉59	21°19	21°58	20°15	29°37	9°59	18°36	4°52	6°22	14°24	13°45	11° 9	20°55	T 26
F 27	2 23 27	4° 9'00	20°30	22°58	23° 8	20°55	29°50	9°55	18°34	4°53	6°21	14°12	13°41	11°15	20°53	F 27
S 28	2 27 23	5° 9'04	4♊12	24°37	24°19	21°35	0♏ 3	9°51	18°33	4°53	6°21	14° 0	13°38	11°22	20°51	S 28
S 29	2 31 20	6° 9'10	18° 5	26°16	25°29	22°15	0°16	9°47	18°31	4°53	6°20	13°51	13°35	11°29	20°49	S 29
M30	2 35 16	7° 9'18	2♋ 3	27°54	26°40	22°55	0°30	9°43	18°30	4°54	6°20	13°45	13°32	11°35	20°47	M30
T 31	2 39 13	8♏ 9'28	16♋ 6	29♎33	27♍51	23♎35	0♏43	9♈39	18♓29	4♒54	6♋19	13♒41	13♒29	11♒42	20♓46	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	3s18	26n20	4n46	0s39	0s56	13n20	0s23	0s45	0n50	8s25	1n 3	2n10	2s46	4s57	0s48	19s 1	0n 3	20n 1	3s19	15s57	16s21	18s47	0n34	4n 8
M 2	3 41	27 23	4 12	0 3	0 35	13 3	0 18	1 1	0 49	8 30	1 3	2 8	2 46	4 58	0 48	19 2	0 3	20 1	3 19	15 58	16 22	18 44	0 33	4 8
T 3	4 5	26 45	3 22	0n28	0 16	12 46	0 13	1 17	0 49	8 34	1 3	2 6	2 46	4 58	0 48	19 2	0 3	20 1	3 19	15 58	16 23	18 42	0 32	4 8
W 4	4 28	24 25	2 20	0 54	0n 3	12 28	0 8	1 33	0 49	8 39	1 3	2 4	2 46	4 59	0 48	19 2	0 3	20 1	3 19	15 58	16 24	18 39	0 31	4 8
T 5	4 51	20 33	1 9	1 15	0 21	12 9	0 4	1 48	0 48	8 44	1 3	2 2	2 46	5 0	0 48	19 2	0 3	20 1	3 19	15 58	16 25	18 37	0 30	4 8
F 6	5 14	15 26	0s 7	1 30	0 37	11 50	0n 1	2 4	0 48	8 49	1 3	2 1	2 46	5 1	0 48	19 2	0 3	20 1	3 19	15 58	16 25	18 34	0 29	4 7
S 7	5 37	9 25	1 24	1 40	0 52	11 31	0 6	2 20	0 48	8 54	1 3	1 59	2 46	5 2	0 48	19 2	0 3	20 1	3 19	15 58	16 26	18 31	0 27	4 7
S 8	6 0	2 55	2 35	1 44	1 6	11 11	0 10	2 36	0 47	8 58	1 3	1 57	2 46	5 3	0 48	19 2	0 3	20 1	3 19	15 59	16 27	18 29	0 26	4 7
M 9	6 23	3s42	3 35	1 43	1 18	10 51	0 14	2 52	0 47	9 3	1 3	1 55	2 46	5 3	0 48	19 2	0 3	20 1	3 19	16 1	16 28	18 26	0 25	4 7
T 10	6 46	10 4	4 22	1 36	1 28	10 31	0 19	3 8	0 46	9 8	1 3	1 53	2 46	5 4	0 48	19 2	0 3	20 1	3 19	16 4	16 29	18 24	0 24	4 7
W11	7 9	15 48	4 51	1 25	1 37	10 10	0 23	3 24	0 46	9 13	1 3	1 51	2 46	5 5	0 48	19 2	0 3	20 1	3 19	16 7	16 30	18 21	0 23	4 7
T 12	7 32	20 36	5 3	1 10	1 45	9 49	0 27	3 40	0 46	9 17	1 3	1 50	2 46	5 6	0 48	19 2	0 3	20 1	3 19	16 10	16 31	18 18	0 22	4 6
F 13	7 54	24 13	4 58	0 51	1 51	9 28	0 31	3 55	0 45	9 22	1 3	1 48	2 46	5 6	0 48	19 3	0 3	20 1	3 19	16 13	16 32	18 16	0 21	4 6
S 14	8 17	26 28	4 38	0 28	1 56	9 6	0 35	4 11	0 45	9 27	1 3	1 46	2 46	5 7	0 48	19 3	0 3	20 1	3 19	16 15	16 33	18 13	0 20	4 6
S 15	8 39	27 18	4 4	0 1	1 59	8 44	0 39	4 27	0 44	9 32	1 3	1 44	2 46	5 8	0 48	19 3	0 3	20 1	3 19	16 17	16 34	18 11	0 19	4 6
M16	9 1	26 45	3 20	0s28	2 2	8 21	0 43	4 43	0 44	9 36	1 3	1 42	2 46	5 9	0 48	19 3	0 3	20 1	3 19	16 19	16 35	18 8	0 17	4 6
T 17	9 23	24 56	2 28	0 59	2 3	7 58	0 46	4 59	0 44	9 41	1 2	1 41	2 46	5 9	0 48	19 3	0 3	20 1	3 19	16 19	16 36	18 5	0 16	4 5
W18	9 45	22 2	1 29	1 33	2 4	7 35	0 50	5 14	0 43	9 46	1 2	1 39	2 46	5 10	0 48	19 3	0 3	20 1	3 19	16 19	16 37	18 3	0 15	4 5
T 19	10 7	18 14	0 28	2 9	2 3	7 12	0 54	5 30	0 43	9 51	1 2	1 37	2 45	5 11	0 48	19 3	0 3	20 1	3 19	16 19	16 37	18 0	0 14	4 5
F 20	10 29	13 44	0n35	2 46	2 2	6 48	0 57	5 46	0 42	9 55	1 2	1 36	2 45	5 11	0 48	19 3	0 3	20 1	3 19	16 19	16 38	17 57	0 13	4 5
S 21	10 50	8 40	1 37	3 24	2 0	6 24	1 0	6 1	0 42	10 0	1 2	1 34	2 45	5 12	0 48	19 3	0 3	20 1	3 19	16 20	16 39	17 55	0 12	4 5
S 22	11 12	3 14	2 35	4 3	1 58	6 0	1 4	6 17	0 42	10 5	1 2	1 32	2 45	5 13	0 48	19 3	0 3	20 1	3 19	16 21	16 40	17 52	0 11	4 4
M23	11 33	2n26	3 27	4 43	1 54	5 36	1 7	6 32	0 41	10 9	1 2	1 31	2 45	5 13	0 48	19 3	0 3	20 1	3 19	16 23	16 41	17 49	0 10	4 4
T 24	11 54	8 7	4 10	5 23	1 51	5 11	1 10	6 48	0 41	10 14	1 2	1 29	2 45	5 14	0 48	19 2	0 3	20 1	3 19	16 25	16 42	17 47	0 9	4 4
W25	12 15	13 35	4 41	6 4	1 47	4 46	1 13	7 3	0 40	10 19	1 2	1 28	2 45	5 14	0 48	19 2	0 3	20 1	3 19	16 29	16 43	17 44	0 8	4 4
T 26	12 35	18 34	4 58	6 45	1 42	4 21	1 16	7 19	0 40	10 23	1 2	1 26	2 45	5 15	0 48	19 2	0 3	20 1	3 19	16 32	16 44	17 41	0 7	4 4
F 27	12 56	22 42	4 59	7 26	1 37	3 56	1 18	7 34	0 39	10 28	1 2	1 25	2 45	5 15	0 47	19 2	0 3	20 1	3 20	16 36	16 45	17 39	0 6	4 3
S 28	13 16	25 39	4 42	8 8	1 32	3 30	1 21	7 50	0 39	10 33	1 2	1 23	2 45	5 16	0 47	19 2	0 3	20 1	3 20	16 39	16 46	17 36	0 5	4 3
S 29	13 36	27 5	4 9	8 49	1 26	3 5	1 24	8 5	0 38	10 37	1 2	1 22	2 44	5 17	0 47	19 2	0 3	20 1	3 20	16 42	16 47	17 33	0 5	4 3
M30	13 56	26 49	3 21	9 30	1 21	2 39	1 26	8 20	0 38	10 42	1 2	1 20	2 44	5 17	0 47	19 2	0 3	20 1	3 20	16 44	16 48	17 31	0 4	4 3
T 31	14s15	24n50	2n20	10s10	1n15	2n13	1n29	8s35	0n38	10s46	1n 2	1n19	2s44	5s18	0s47	19s 2	0n 3	20n 1	3s20	16s45	16s48	17s28	0n 3	4n 2

Julian Day Number = 2332384.5, Delta T = 27.38 sec
Ecliptic obliquity = 23°29'01, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°11'11, Lahiri = 19°18'11Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1673
geocentric

NOVEMBER 1673 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 43 10	9♏ 9'40	0♌10	1♏12	29♍ 2	24♎15	0♏56	9°R35	18°R27	4♒55	6°R19	13°R40	13♒26	11♒48	20°R44	W 1
T 2	2 47 6	10° 9'55	14°15	2°50	0♎13	24°55	1° 9	9♈31	18♓26	4°55	6♋18	13♒40	13°22	11°55	20♓43	T 2
F 3	2 51 3	11°10'11	28°20	4°29	1°25	25°35	1°22	9°28	18°25	4°56	6°18	13°39	13°19	12° 2	20°41	F 3
S 4	2 54 59	12°10'29	12♍24	6° 7	2°36	26°15	1°35	9°24	18°24	4°57	6°17	13°37	13°16	12° 8	20°40	S 4
S 5	2 58 56	13°10'50	26°27	7°44	3°48	26°55	1°48	9°21	18°23	4°57	6°16	13°33	13°13	12°15	20°38	S 5
M 6	3 2 52	14°11'12	10♎25	9°22	4°59	27°36	2° 1	9°17	18°22	4°58	6°16	13°25	13°10	12°22	20°37	M 6
T 7	3 6 49	15°11'36	24°15	10°59	6°11	28°16	2°14	9°14	18°21	4°59	6°15	13°15	13° 6	12°28	20°35	T 7
W 8	3 10 45	16°12'02	7♏55	12°36	7°23	28°56	2°27	9°10	18°20	4°59	6°14	13° 2	13° 3	12°35	20°34	W 8
T 9	3 14 42	17°12'30	21°20	14°12	8°35	29°37	2°40	9° 7	18°19	5° 0	6°14	12°49	13° 0	12°42	20°33	T 9
F 10	3 18 39	18°12'59	4♐28	15°49	9°47	0♏17	2°53	9° 4	18°18	5° 1	6°13	12°36	12°57	12°48	20°32	F 10
S 11	3 22 35	19°13'30	17°18	17°25	10°59	0°57	3° 6	9° 1	18°17	5° 2	6°12	12°25	12°54	12°55	20°30	S 11
S 12	3 26 32	20°14'03	29°49	19° 1	12°12	1°38	3°18	8°58	18°16	5° 3	6°11	12°16	12°51	13° 2	20°29	S 12
M13	3 30 28	21°14'36	12♑ 3	20°36	13°24	2°18	3°31	8°55	18°16	5° 3	6°10	12°10	12°47	13° 8	20°28	M13
T 14	3 34 25	22°15'12	24° 4	22°11	14°36	2°59	3°44	8°52	18°15	5° 4	6°10	12° 6	12°44	13°15	20°27	T 14
W15	3 38 21	23°15'48	5♒56	23°46	15°49	3°39	3°57	8°50	18°14	5° 5	6° 9	12° 5	12°41	13°22	20°26	W15
T 16	3 42 18	24°16'25	17°43	25°21	17° 1	4°20	4°10	8°47	18°14	5° 6	6° 8	12°D 5	12°38	13°28	20°26	T 16
F 17	3 46 14	25°17'04	29°32	26°56	18°14	5° 0	4°22	8°44	18°13	5° 7	6° 7	12°R 5	12°35	13°35	20°25	F 17
S 18	3 50 11	26°17'44	11♓28	28°30	19°27	5°41	4°35	8°42	18°13	5° 9	6° 6	12° 4	12°32	13°41	20°24	S 18
S 19	3 54 8	27°18'25	23°36	0♐ 4	20°40	6°21	4°48	8°40	18°12	5°10	6° 5	12° 1	12°28	13°48	20°23	S 19
M20	3 58 4	28°19'07	6♈ 1	1°38	21°53	7° 2	5° 0	8°37	18°12	5°11	6° 4	11°55	12°25	13°55	20°23	M20
T 21	4 2 1	29°19'50	18°46	3°12	23° 6	7°43	5°13	8°35	18°12	5°12	6° 3	11°47	12°22	14° 1	20°22	T 21
W22	4 5 57	0♐20'34	1♉54	4°46	24°19	8°23	5°25	8°33	18°11	5°13	6° 2	11°37	12°19	14° 8	20°22	W22
T 23	4 9 54	1°21'20	15°25	6°20	25°32	9° 4	5°38	8°31	18°11	5°14	6° 1	11°25	12°16	14°15	20°21	T 23
F 24	4 13 50	2°22'07	29°17	7°54	26°45	9°45	5°50	8°30	18°11	5°16	6° 0	11°13	12°12	14°21	20°21	F 24
S 25	4 17 47	3°22'55	13♊26	9°27	27°58	10°26	6° 3	8°28	18°11	5°17	5°59	11° 3	12° 9	14°28	20°20	S 25
S 26	4 21 43	4°23'44	27°46	11° 1	29°12	11° 7	6°15	8°26	18°11	5°18	5°58	10°54	12° 6	14°35	20°20	S 26
M27	4 25 40	5°24'35	12♋11	12°34	0♏25	11°47	6°27	8°25	18°D11	5°19	5°57	10°48	12° 3	14°41	20°20	M27
T 28	4 29 37	6°25'27	26°37	14° 7	1°38	12°28	6°40	8°23	18°11	5°21	5°56	10°45	12° 0	14°48	20°20	T 28
W29	4 33 33	7°26'20	10♌57	15°41	2°52	13° 9	6°52	8°22	18°11	5°22	5°55	10°D44	11°57	14°55	20°19	W29
T 30	4 37 30	8♐27'14	25♌11	17♐14	4♏ 6	13♏50	7♏ 4	8♈21	18♓11	5♒24	5♋54	10♒45	11♒53	15♒ 1	20♓19	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	14s34	21n18	1n11	10s50	1n 9	1n46	1n31	8s51	0n37	10s51	1n 2	1n18	2s44	5s18	0s47	19s 2	0n 3	20n 1	3s20	16s45	16s49	17s25	0n 2	4n 2	
T 2	14 54	16 32	0s 3	11 30	1 2	1 20	1 33	9 6	0 37	10 55	1 2	1 16	2 44	5 18	0 47	19 2	0 3	20 1	3 20	16 45	16 50	17 22	0 1	4 2	
F 3	15 12	10 53	1 17	12 10	0 56	0 54	1 35	9 21	0 36	11 0	1 2	1 15	2 44	5 19	0 47	19 2	0 3	20 1	3 20	16 45	16 51	17 20	0 0	4 2	
S 4	15 31	4 41	2 26	12 48	0 49	0 27	1 37	9 36	0 36	11 4	1 2	1 14	2 44	5 19	0 47	19 1	0 3	20 1	3 20	16 46	16 52	17 17	0s 1	4 1	
S 5	15 49	1s43	3 25	13 27	0 43	0 0	1 39	9 51	0 35	11 9	1 2	1 12	2 43	5 20	0 47	19 1	0 3	20 1	3 20	16 47	16 53	17 14	0 1	4 1	
M 6	16 8	8 0	4 12	14 4	0 36	0s27	1 41	10 6	0 35	11 13	1 2	1 11	2 43	5 20	0 47	19 1	0 3	20 1	3 20	16 49	16 54	17 12	0 2	4 1	
T 7	16 25	13 49	4 44	14 41	0 29	0 53	1 43	10 21	0 34	11 18	1 2	1 10	2 43	5 20	0 47	19 1	0 3	20 1	3 20	16 52	16 55	17 9	0 3	4 1	
W 8	16 43	18 53	4 59	15 17	0 23	1 20	1 44	10 35	0 34	11 22	1 2	1 9	2 43	5 21	0 47	19 1	0 3	20 1	3 20	16 56	16 56	17 6	0 4	4 0	
T 9	17 0	22 54	4 57	15 53	0 16	1 47	1 46	10 50	0 33	11 27	1 2	1 8	2 43	5 21	0 47	19 1	0 3	20 1	3 20	17 0	16 57	17 3	0 4	4 0	
F 10	17 17	25 38	4 39	16 27	0 9	2 14	1 47	11 5	0 33	11 31	1 2	1 7	2 42	5 21	0 47	19 0	0 3	20 1	3 20	17 3	16 57	17 1	0 5	4 0	
S 11	17 34	26 58	4 7	17 1	0 2	2 42	1 48	11 19	0 32	11 36	1 2	1 6	2 42	5 22	0 47	19 0	0 2	20 1	3 20	17 7	16 58	16 58	0 6	4 0	
S 12	17 50	26 53	3 24	17 34	0s 4	3 9	1 50	11 34	0 32	11 40	1 2	1 5	2 42	5 22	0 47	19 0	0 2	20 1	3 20	17 9	16 59	16 55	0 7	3 59	
M13	18 6	25 27	2 32	18 7	0 11	3 36	1 51	11 48	0 31	11 44	1 2	1 4	2 42	5 22	0 47	19 0	0 2	20 1	3 20	17 11	17 0	16 52	0 7	3 59	
T 14	18 22	22 53	1 34	18 38	0 18	4 3	1 52	12 2	0 31	11 49	1 2	1 3	2 42	5 22	0 47	19 0	0 2	20 1	3 20	17 12	17 1	16 50	0 8	3 59	
W15	18 37	19 21	0 33	19 8	0 24	4 30	1 53	12 17	0 30	11 53	1 2	1 2	2 41	5 23	0 47	18 59	0 2	20 1	3 20	17 12	17 2	16 47	0 8	3 58	
T 16	18 52	15 4	0n30	19 38	0 31	4 57	1 54	12 31	0 30	11 57	1 2	1 1	2 41	5 23	0 47	18 59	0 2	20 1	3 20	17 12	17 3	16 44	0 9	3 58	
F 17	19 7	10 14	1 31	20 7	0 37	5 24	1 54	12 45	0 29	12 1	1 2	1 0	2 41	5 23	0 47	18 59	0 2	20 1	3 20	17 12	17 4	16 42	0 10	3 58	
S 18	19 22	4 59	2 29	20 34	0 43	5 51	1 55	12 59	0 29	12 6	1 2	1 0	2 41	5 23	0 47	18 59	0 2	20 1	3 20	17 12	17 5	16 39	0 10	3 58	
S 19	19 36	0n32	3 22	21 1	0 50	6 18	1 55	13 13	0 28	12 10	1 2	0 59	2 41	5 23	0 47	18 58	0 2	20 1	3 20	17 13	17 6	16 36	0 11	3 57	
M20	19 49	6 9	4 5	21 26	0 56	6 45	1 56	13 27	0 28	12 14	1 2	0 58	2 40	5 23	0 47	18 58	0 2	20 1	3 20	17 15	17 6	16 33	0 11	3 57	
T 21	20 3	11 39	4 38	21 51	1 2	7 12	1 56	13 40	0 27	12 18	1 2	0 58	2 40	5 23	0 47	18 58	0 2	20 1	3 20	17 17	17 7	16 30	0 12	3 57	
W22	20 16	16 49	4 58	22 14	1 8	7 38	1 57	13 54	0 27	12 22	1 2	0 57	2 40	5 24	0 47	18 58	0 2	20 1	3 20	17 20	17 8	16 28	0 12	3 57	
T 23	20 28	21 17	5 1	22 36	1 13	8 5	1 57	14 8	0 26	12 27	1 2	0 56	2 40	5 24	0 46	18 57	0 2	20 1	3 20	17 23	17 9	16 25	0 13	3 56	
F 24	20 40	24 43	4 47	22 58	1 19	8 31	1 57	14 21	0 26	12 31	1 2	0 56	2 39	5 24	0 46	18 57	0 2	20 1	3 20	17 26	17 10	16 22	0 13	3 56	
S 25	20 52	26 41	4 16	23 18	1 24	8 57	1 57	14 34	0 25	12 35	1 2	0 55	2 39	5 24	0 46	18 57	0 2	20 1	3 20	17 29	17 11	16 19	0 13	3 56	
S 26	21 4	26 56	3 28	23 36	1 29	9 23	1 57	14 48	0 25	12 39	1 2	0 55	2 39	5 24	0 46	18 56	0 2	20 2	3 20	17 32	17 12	16 17	0 14	3 55	
M27	21 15	25 21	2 26	23 54	1 34	9 49	1 56	15 1	0 24	12 43	1 3	0 55	2 39	5 24	0 46	18 56	0 2	20 2	3 20	17 33	17 13	16 14	0 14	3 55	
T 28	21 25	22 6	1 15	24 10	1 39	10 15	1 56	15 14	0 24	12 47	1 3	0 54	2 38	5 24	0 46	18 56	0 2	20 2	3 20	17 34	17 14	16 11	0 14	3 55	
W29	21 35	17 30	0s 1	24 26	1 44	10 40	1 56	15 27	0 23	12 51	1 3	0 54	2 38	5 24	0 46	18 55	0 2	20 2	3 19	17 34	17 14	16 8	0 15	3 55	
T 30	21s45	11n57	1s16	24s39	1s48	11s 6	1n55	15s40	0n23	12s55	1n 3	0n54	2s38	5s23	0s46	18s55	0n 2	20n 2	3s19	17s34	17s15	16s 5	0s15	3n54	

Julian Day Number = 2332415.5, Delta T = 27.33 sec
Ecliptic obliquity = 23°29'01, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°11'15, Lahiri = 19°18'15Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1673
geocentric

DECEMBER 1673 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 41 26	9♐28'10	9♍16	18♐47	5♏19	14♏31	7♏16	8°R20	18♓11	5♒25	5°R53	10°R45	11♒50	15♒ 8	20°D19	F 1
S 2	4 45 23	10°29'07	23°11	20°20	6°33	15°12	7°28	8♈19	18°11	5°27	5♋52	10♒45	11°47	15°14	20♓19	S 2
S 3	4 49 19	11°30'06	6♎57	21°54	7°47	15°53	7°40	8°18	18°12	5°28	5°51	10°42	11°44	15°21	20°19	S 3
M 4	4 53 16	12°31'05	20°33	23°27	9° 0	16°35	7°52	8°17	18°12	5°30	5°50	10°36	11°41	15°28	20°20	M 4
T 5	4 57 12	13°32'06	3♏58	25° 0	10°14	17°16	8° 4	8°16	18°12	5°31	5°49	10°28	11°38	15°34	20°20	T 5
W 6	5 1 9	14°33'08	17°12	26°33	11°28	17°57	8°16	8°16	18°13	5°33	5°48	10°19	11°34	15°41	20°20	W 6
T 7	5 5 6	15°34'11	0♐14	28° 5	12°42	18°38	8°28	8°15	18°13	5°34	5°46	10° 8	11°31	15°48	20°20	T 7
F 8	5 9 2	16°35'14	13° 2	29°38	13°56	19°19	8°39	8°15	18°14	5°36	5°45	9°58	11°28	15°54	20°21	F 8
S 9	5 12 59	17°36'19	25°36	1♑10	15°10	20° 1	8°51	8°15	18°14	5°38	5°44	9°49	11°25	16° 1	20°21	S 9
S 10	5 16 55	18°37'24	7♑57	2°43	16°24	20°42	9° 2	8°15	18°15	5°39	5°43	9°42	11°22	16° 8	20°22	S 10
M11	5 20 52	19°38'30	20° 4	4°14	17°38	21°23	9°14	8°D15	18°16	5°41	5°42	9°38	11°18	16°14	20°22	M11
T 12	5 24 48	20°39'36	2♒ 2	5°46	18°52	22° 5	9°25	8°15	18°16	5°43	5°41	9°35	11°15	16°21	20°23	T 12
W13	5 28 45	21°40'43	13°52	7°16	20° 7	22°46	9°37	8°15	18°17	5°44	5°39	9°D35	11°12	16°28	20°24	W13
T 14	5 32 42	22°41'50	25°38	8°47	21°21	23°28	9°48	8°15	18°18	5°46	5°38	9°36	11° 9	16°34	20°24	T 14
F 15	5 36 38	23°42'57	7♓26	10°16	22°35	24° 9	9°59	8°16	18°19	5°48	5°37	9°38	11° 6	16°41	20°25	F 15
S 16	5 40 35	24°44'05	19°20	11°44	23°49	24°51	10°10	8°16	18°20	5°50	5°36	9°R39	11° 3	16°48	20°26	S 16
S 17	5 44 31	25°45'13	1♈26	13°12	25° 4	25°32	10°21	8°17	18°21	5°52	5°35	9°39	10°59	16°54	20°27	S 17
M18	5 48 28	26°46'21	13°48	14°37	26°18	26°14	10°32	8°18	18°22	5°54	5°33	9°37	10°56	17° 1	20°28	M18
T 19	5 52 24	27°47'29	26°32	16° 1	27°32	26°55	10°43	8°18	18°23	5°55	5°32	9°33	10°53	17° 7	20°29	T 19
W20	5 56 21	28°48'37	9♉41	17°23	28°47	27°37	10°54	8°19	18°24	5°57	5°31	9°28	10°50	17°14	20°30	W20
T 21	6 0 17	29°49'45	23°16	18°43	0♐ 1	28°19	11° 5	8°20	18°26	5°59	5°30	9°22	10°47	17°21	20°31	T 21
F 22	6 4 14	0♑50'54	7♊18	20° 0	1°15	29° 0	11°15	8°22	18°27	6° 1	5°28	9°15	10°44	17°27	20°32	F 22
S 23	6 8 11	1°52'02	21°42	21°13	2°30	29°42	11°26	8°23	18°28	6° 3	5°27	9° 9	10°40	17°34	20°33	S 23
S 24	6 12 7	2°53'11	6♋23	22°23	3°44	0♐24	11°36	8°24	18°29	6° 5	5°26	9° 5	10°37	17°41	20°35	S 24
M25	6 16 4	3°54'20	21°14	23°28	4°59	1° 6	11°47	8°26	18°31	6° 7	5°25	9° 2	10°34	17°47	20°36	M25
T 26	6 20 0	4°55'29	6♌ 7	24°28	6°13	1°48	11°57	8°28	18°32	6° 9	5°24	9°D 0	10°31	17°54	20°37	T 26
W27	6 23 57	5°56'38	20°53	25°22	7°28	2°29	12° 7	8°29	18°34	6°11	5°22	9° 1	10°28	18° 1	20°39	W27
T 28	6 27 53	6°57'48	5♍28	26° 9	8°43	3°11	12°17	8°31	18°35	6°13	5°21	9° 2	10°24	18° 7	20°40	T 28
F 29	6 31 50	7°58'58	19°47	26°48	9°57	3°53	12°27	8°33	18°37	6°15	5°20	9° 4	10°21	18°14	20°42	F 29
S 30	6 35 46	9° 0'08	3♎48	27°18	11°12	4°35	12°37	8°35	18°38	6°17	5°19	9°R 5	10°18	18°21	20°44	S 30
S 31	6 39 43	10♑ 1'18	17♎31	27♑40	12♐26	5♐17	12♏47	8♈37	18♓40	6♒19	5♋17	9♒ 5	10♒15	18♒27	20♓45	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	21s55	5n51	2s26	24s52	1s52	11s31	1n55	15s52	0n22	12s59	1n 3	0n54	2s38	5s23	0s46	18s55	0n 2	20n 2	3s19	17s34	17s16	16s 3	0s15	3n54
S 2	22 4	0s27	3 27	25 3	1 56	11 56	1 54	16 5	0 22	13 2	1 3	0 53	2 37	5 23	0 46	18 54	0 2	20 2	3 19	17 34	17 17	16 0	0 16	3 54
S 3	22 12	6 39	4 14	25 13	1 59	12 20	1 53	16 17	0 21	13 6	1 3	0 53	2 37	5 23	0 46	18 54	0 2	20 2	3 19	17 35	17 18	15 57	0 16	3 53
M 4	22 20	12 28	4 47	25 22	2 2	12 45	1 53	16 30	0 20	13 10	1 3	0 53	2 37	5 23	0 46	18 54	0 2	20 2	3 19	17 37	17 19	15 54	0 16	3 53
T 5	22 28	17 37	5 3	25 29	2 5	13 9	1 52	16 42	0 20	13 14	1 3	0 53	2 37	5 23	0 46	18 53	0 2	20 2	3 19	17 39	17 20	15 51	0 16	3 53
W 6	22 35	21 50	5 3	25 34	2 8	13 33	1 51	16 54	0 19	13 18	1 3	0 53	2 36	5 22	0 46	18 53	0 2	20 2	3 19	17 41	17 21	15 49	0 16	3 53
T 7	22 42	24 54	4 47	25 38	2 10	13 56	1 50	17 6	0 19	13 21	1 3	0 53	2 36	5 22	0 46	18 53	0 2	20 2	3 19	17 44	17 22	15 46	0 17	3 52
F 8	22 48	26 39	4 16	25 41	2 12	14 19	1 49	17 18	0 18	13 25	1 3	0 53	2 36	5 22	0 46	18 52	0 2	20 2	3 19	17 47	17 22	15 43	0 17	3 52
S 9	22 54	26 58	3 34	25 42	2 14	14 42	1 48	17 30	0 18	13 29	1 3	0 54	2 36	5 22	0 46	18 52	0 2	20 2	3 19	17 49	17 23	15 40	0 17	3 52
S 10	23 0	25 56	2 42	25 42	2 15	15 4	1 46	17 41	0 17	13 32	1 3	0 54	2 35	5 21	0 46	18 51	0 2	20 3	3 19	17 51	17 24	15 37	0 17	3 51
M11	23 5	23 41	1 43	25 40	2 15	15 27	1 45	17 53	0 16	13 36	1 3	0 54	2 35	5 21	0 46	18 51	0 2	20 3	3 19	17 52	17 25	15 35	0 17	3 51
T 12	23 9	20 24	0 41	25 37	2 16	15 48	1 44	18 4	0 16	13 39	1 3	0 54	2 35	5 21	0 46	18 51	0 2	20 3	3 19	17 53	17 26	15 32	0 17	3 51
W13	23 13	16 20	0n23	25 32	2 15	16 10	1 42	18 15	0 15	13 43	1 3	0 55	2 35	5 20	0 46	18 50	0 2	20 3	3 19	17 53	17 27	15 29	0 17	3 51
T 14	23 17	11 39	1 26	25 26	2 14	16 31	1 41	18 26	0 15	13 46	1 4	0 55	2 34	5 20	0 46	18 50	0 2	20 3	3 19	17 53	17 28	15 26	0 17	3 50
F 15	23 20	6 33	2 25	25 18	2 13	16 51	1 39	18 37	0 14	13 50	1 4	0 55	2 34	5 20	0 46	18 49	0 2	20 3	3 19	17 52	17 29	15 23	0 17	3 50
S 16	23 23	1 11	3 19	25 8	2 11	17 11	1 38	18 48	0 13	13 53	1 4	0 56	2 34	5 19	0 46	18 49	0 2	20 3	3 19	17 52	17 29	15 20	0 17	3 50
S 17	23 25	4n18	4 4	24 57	2 8	17 31	1 36	18 58	0 13	13 57	1 4	0 56	2 34	5 19	0 46	18 48	0 2	20 3	3 19	17 52	17 30	15 18	0 17	3 49
M18	23 27	9 45	4 40	24 45	2 5	17 50	1 34	19 9	0 12	14 0	1 4	0 57	2 33	5 18	0 45	18 48	0 2	20 3	3 19	17 53	17 31	15 15	0 16	3 49
T 19	23 28	14 57	5 2	24 31	2 1	18 9	1 32	19 19	0 12	14 3	1 4	0 57	2 33	5 18	0 45	18 48	0 2	20 3	3 19	17 54	17 32	15 12	0 16	3 49
W20	23 29	19 38	5 10	24 16	1 56	18 27	1 30	19 29	0 11	14 7	1 4	0 58	2 33	5 17	0 45	18 47	0 2	20 3	3 19	17 55	17 33	15 9	0 16	3 49
T 21	23 29	23 29	5 1	23 59	1 50	18 45	1 28	19 39	0 10	14 10	1 4	0 59	2 32	5 17	0 45	18 47	0 2	20 4	3 19	17 57	17 34	15 6	0 16	3 48
F 22	23 29	26 5	4 34	23 42	1 43	19 2	1 26	19 49	0 10	14 13	1 4	0 59	2 32	5 16	0 45	18 46	0 2	20 4	3 19	17 58	17 35	15 3	0 16	3 48
S 23	23 28	27 2	3 49	23 23	1 36	19 19	1 24	19 59	0 9	14 16	1 4	1 0	2 32	5 16	0 45	18 46	0 2	20 4	3 19	18 0	17 35	15 0	0 16	3 48
S 24	23 27	26 8	2 49	23 3	1 27	19 35	1 22	20 8	0 8	14 19	1 4	1 1	2 32	5 15	0 45	18 45	0 2	20 4	3 19	18 1	17 36	14 58	0 15	3 47
M25	23 26	23 23	1 36	22 43	1 18	19 51	1 20	20 17	0 8	14 22	1 4	1 2	2 31	5 15	0 45	18 45	0 2	20 4	3 19	18 2	17 37	14 55	0 15	3 47
T 26	23 23	19 2	0 16	22 22	1 7	20 6	1 18	20 26	0 7	14 25	1 5	1 3	2 31	5 14	0 45	18 44	0 2	20 4	3 18	18 2	17 38	14 52	0 15	3 47
W27	23 21	13 32	1s 5	22 0	0 55	20 21	1 16	20 35	0 7	14 29	1 5	1 4	2 31	5 13	0 45	18 44	0 2	20 4	3 18	18 2	17 39	14 49	0 14	3 47
T 28	23 18	7 21	2 20	21 39	0 42	20 35	1 14	20 44	0 6	14 31	1 5	1 5	2 31	5 13	0 45	18 43	0 2	20 4	3 18	18 2	17 40	14 46	0 14	3 46
F 29	23 15	0 55	3 25	21 18	0 28	20 49	1 11	20 53	0 5	14 34	1 5	1 6	2 30	5 12	0 45	18 43	0 2	20 4	3 18	18 1	17 41	14 43	0 14	3 46
S 30	23 11	5s26	4 16	20 57	0 13	21 1	1 9	21 1	0 5	14 37	1 5	1 7	2 30	5 11	0 45	18 42	0 2	20 4	3 18	18 1	17 42	14 40	0 13	3 46
S 31	23s 6	11s23	4s52	20s37	0n 3	21s14	1n 7	21s 9	0n 4	14s40	1n 5	1n 8	2s30	5s11	0s45	18s42	0n 2	20n 5	3s18	18s 1	17s42	14s37	0s13	3n46

Julian Day Number = 2332445.5, Delta T = 27.28 sec
Ecliptic obliquity = 23°29'00, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°11'19, Lahiri = 19°18'20Greg. Calendar