Astrodienst Ephemeris Tables

for the year 1768

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 1768
geocentric

JANUARY 1768 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 40 38	10♑12'11	0♊24	17♐22	23♏28	0♐51	20♎47	29°R46	29°R23	7°R16	11♑31	21°R35	22♑11	3♎17	12♓37	F 1
S 2	6 44 35	11°13'20	14°11	18°23	24°26	1°33	20°53	29♊41	29♈22	7♍15	11°33	21♑34	22° 7	3°24	12°39	S 2
S 3	6 48 31	12°14'29	27°44	19°27	25°26	2°14	20°59	29°37	29°22	7°14	11°35	21°33	22° 4	3°31	12°41	S 3
M 4	6 52 28	13°15'38	11♋ 4	20°33	26°25	2°55	21° 5	29°32	29°22	7°14	11°37	21°32	22° 1	3°37	12°43	M 4
T 5	6 56 24	14°16'46	24° 7	21°42	27°26	3°36	21°11	29°27	29°22	7°13	11°39	21°D32	21°58	3°44	12°46	T 5
W 6	7 0 21	15°17'54	6♌54	22°53	28°26	4°17	21°17	29°23	29°21	7°12	11°41	21°32	21°55	3°51	12°48	W 6
T 7	7 4 18	16°19'02	19°25	24° 7	29°27	4°59	21°22	29°18	29°21	7°11	11°43	21°33	21°52	3°58	12°50	T 7
F 8	7 8 14	17°20'10	1♍42	25°21	0♐29	5°40	21°28	29°13	29°D21	7°10	11°45	21°33	21°48	4° 4	12°53	F 8
S 9	7 12 11	18°21'18	13°47	26°38	1°31	6°21	21°33	29° 9	29°21	7° 9	11°47	21°34	21°45	4°11	12°55	S 9
S 10	7 16 7	19°22'26	25°43	27°56	2°33	7° 3	21°38	29° 4	29°22	7° 8	11°49	21°34	21°42	4°18	12°58	S 10
M11	7 20 4	20°23'33	7♎36	29°15	3°36	7°44	21°43	29° 0	29°22	7° 7	11°51	21°34	21°39	4°24	13° 0	M11
T 12	7 24 0	21°24'40	19°29	0♑36	4°38	8°26	21°48	28°55	29°22	7° 6	11°53	21°34	21°36	4°31	13° 3	T 12
W13	7 27 57	22°25'47	1♏26	1°57	5°42	9° 7	21°52	28°51	29°22	7° 5	11°56	21°34	21°32	4°38	13° 6	W13
T 14	7 31 53	23°26'54	13°33	3°20	6°45	9°48	21°57	28°47	29°22	7° 4	11°58	21°34	21°29	4°45	13° 8	T 14
F 15	7 35 50	24°28'01	25°55	4°43	7°49	10°30	22° 1	28°43	29°23	7° 3	12° 0	21°35	21°26	4°51	13°11	F 15
S 16	7 39 47	25°29'07	8♐34	6° 8	8°53	11°12	22° 5	28°38	29°23	7° 2	12° 2	21°35	21°23	4°58	13°14	S 16
S 17	7 43 43	26°30'13	21°33	7°33	9°58	11°53	22° 9	28°34	29°24	7° 1	12° 4	21°36	21°20	5° 5	13°17	S 17
M18	7 47 40	27°31'19	4♑55	9° 0	11° 3	12°35	22°12	28°30	29°24	6°59	12° 6	21°36	21°17	5°11	13°20	M18
T 19	7 51 36	28°32'24	18°39	10°27	12° 8	13°16	22°16	28°26	29°25	6°58	12° 8	21°R36	21°13	5°18	13°23	T 19
W20	7 55 33	29°33'28	2♒41	11°54	13°13	13°58	22°19	28°22	29°25	6°57	12°10	21°36	21°10	5°25	13°25	W20
T 21	7 59 29	0♒34'32	17° 0	13°23	14°18	14°40	22°23	28°19	29°26	6°56	12°12	21°36	21° 7	5°32	13°28	T 21
F 22	8 3 26	1°35'34	1♓29	14°52	15°24	15°21	22°26	28°15	29°27	6°54	12°14	21°35	21° 4	5°38	13°31	F 22
S 23	8 7 22	2°36'36	16° 3	16°22	16°30	16° 3	22°28	28°11	29°28	6°53	12°16	21°33	21° 1	5°45	13°34	S 23
S 24	8 11 19	3°37'36	0♈35	17°52	17°36	16°45	22°31	28° 8	29°28	6°52	12°18	21°32	20°58	5°52	13°38	S 24
M25	8 15 16	4°38'35	15° 0	19°24	18°42	17°26	22°33	28° 4	29°29	6°50	12°20	21°31	20°54	5°58	13°41	M25
T 26	8 19 12	5°39'33	29°15	20°56	19°49	18° 8	22°36	28° 1	29°30	6°49	12°22	21°D30	20°51	6° 5	13°44	T 26
W27	8 23 9	6°40'30	13♉18	22°28	20°56	18°50	22°38	27°57	29°31	6°48	12°24	21°30	20°48	6°12	13°47	W27
T 28	8 27 5	7°41'26	27° 6	24° 1	22° 3	19°32	22°40	27°54	29°32	6°46	12°26	21°31	20°45	6°19	13°50	T 28
F 29	8 31 2	8°42'20	10♊40	25°35	23°10	20°14	22°41	27°51	29°33	6°45	12°27	21°32	20°42	6°25	13°53	F 29
S 30	8 34 58	9°43'13	24° 1	27°10	24°17	20°56	22°43	27°48	29°34	6°43	12°29	21°33	20°38	6°32	13°57	S 30
S 31	8 38 55	10♒44'05	7♋ 8	28♑46	25♐25	21♐37	22♎44	27♊45	29♈36	6♍42	12♑31	21♑34	20♑35	6♎39	14♓ 0	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 5	24n17	4n 7	20s59	1n54	15s16	3n31	20s 8	0n14	6s55	1n18	22n29	1s 0	10n47	0s31	9n37	0n49	21s18	1n41	21s44	21s39	5s46	2s35	4n36
S 2	23 0	25 43	3 12	21 13	1 45	15 30	3 31	20 17	0 14	6 58	1 18	22 29	0 59	10 47	0 31	9 37	0 49	21 18	1 41	21 44	21 39	5 49	2 35	4 35
S 3	22 54	25 35	2 8	21 27	1 36	15 44	3 31	20 25	0 13	7 0	1 18	22 29	0 59	10 47	0 31	9 37	0 49	21 18	1 41	21 45	21 40	5 52	2 34	4 35
M 4	22 49	23 58	0 58	21 41	1 27	15 58	3 31	20 34	0 12	7 2	1 18	22 29	0 59	10 47	0 31	9 37	0 49	21 18	1 41	21 45	21 40	5 55	2 34	4 35
T 5	22 42	21 5	0s14	21 54	1 19	16 12	3 30	20 43	0 12	7 4	1 18	22 29	0 59	10 47	0 31	9 38	0 49	21 17	1 40	21 45	21 41	5 58	2 33	4 34
W 6	22 35	17 13	1 24	22 7	1 10	16 26	3 30	20 51	0 11	7 6	1 19	22 29	0 59	10 47	0 31	9 38	0 49	21 17	1 40	21 45	21 41	6 1	2 32	4 34
T 7	22 28	12 40	2 29	22 19	1 1	16 39	3 29	20 59	0 10	7 8	1 19	22 29	0 59	10 47	0 31	9 39	0 49	21 17	1 40	21 45	21 42	6 4	2 32	4 34
F 8	22 21	7 42	3 25	22 31	0 52	16 53	3 28	21 7	0 10	7 9	1 19	22 29	0 59	10 47	0 31	9 39	0 49	21 17	1 40	21 44	21 42	6 7	2 31	4 34
S 9	22 13	2 32	4 11	22 42	0 43	17 6	3 27	21 15	0 9	7 11	1 19	22 30	0 59	10 47	0 31	9 39	0 49	21 17	1 40	21 44	21 43	6 10	2 30	4 33
S 10	22 4	2s40	4 46	22 52	0 35	17 20	3 26	21 23	0 8	7 13	1 20	22 30	0 58	10 47	0 31	9 40	0 49	21 17	1 40	21 44	21 43	6 13	2 30	4 33
M11	21 55	7 44	5 8	23 2	0 26	17 33	3 25	21 30	0 8	7 14	1 20	22 30	0 58	10 47	0 30	9 40	0 49	21 17	1 40	21 44	21 44	6 16	2 29	4 33
T 12	21 46	12 31	5 17	23 10	0 18	17 46	3 23	21 38	0 7	7 16	1 20	22 30	0 58	10 47	0 30	9 41	0 49	21 17	1 40	21 44	21 44	6 19	2 28	4 33
W13	21 36	16 52	5 13	23 17	0 10	17 58	3 22	21 45	0 6	7 17	1 20	22 30	0 58	10 47	0 30	9 41	0 49	21 17	1 40	21 44	21 45	6 22	2 27	4 32
T 14	21 26	20 36	4 54	23 24	0 2	18 11	3 20	21 52	0 5	7 19	1 21	22 30	0 58	10 48	0 30	9 41	0 49	21 17	1 40	21 44	21 45	6 24	2 27	4 32
F 15	21 15	23 30	4 22	23 29	0s 6	18 23	3 18	21 58	0 5	7 20	1 21	22 30	0 58	10 48	0 30	9 42	0 49	21 17	1 40	21 44	21 46	6 27	2 26	4 32
S 16	21 4	25 20	3 37	23 33	0 14	18 34	3 17	22 5	0 4	7 21	1 21	22 30	0 57	10 48	0 30	9 42	0 49	21 16	1 39	21 44	21 46	6 30	2 25	4 32
S 17	20 53	25 51	2 39	23 36	0 21	18 46	3 15	22 11	0 3	7 23	1 21	22 30	0 57	10 48	0 30	9 43	0 49	21 16	1 39	21 44	21 47	6 33	2 24	4 31
M18	20 41	24 54	1 31	23 38	0 28	18 57	3 12	22 17	0 3	7 24	1 21	22 31	0 57	10 48	0 30	9 43	0 49	21 16	1 39	21 44	21 47	6 36	2 23	4 31
T 19	20 29	22 27	0 16	23 39	0 36	19 8	3 10	22 23	0 2	7 25	1 22	22 31	0 57	10 48	0 30	9 44	0 49	21 16	1 39	21 44	21 48	6 39	2 22	4 31
W20	20 16	18 36	1n 1	23 38	0 42	19 18	3 8	22 29	0 1	7 26	1 22	22 31	0 57	10 49	0 30	9 44	0 49	21 16	1 39	21 44	21 48	6 42	2 21	4 31
T 21	20 3	13 36	2 16	23 37	0 49	19 29	3 5	22 35	0 0	7 27	1 22	22 31	0 57	10 49	0 30	9 45	0 49	21 16	1 39	21 44	21 49	6 45	2 21	4 30
F 22	19 50	7 48	3 23	23 34	0 56	19 38	3 3	22 40	0s 0	7 28	1 22	22 31	0 57	10 49	0 30	9 45	0 49	21 16	1 39	21 44	21 49	6 48	2 20	4 30
S 23	19 36	1 33	4 18	23 29	1 2	19 48	3 0	22 45	0 1	7 29	1 23	22 31	0 56	10 50	0 30	9 46	0 49	21 16	1 39	21 45	21 50	6 51	2 19	4 30
S 24	19 22	4n45	4 55	23 24	1 8	19 57	2 58	22 50	0 2	7 29	1 23	22 31	0 56	10 50	0 30	9 46	0 49	21 16	1 39	21 45	21 50	6 53	2 18	4 30
M25	19 8	10 44	5 14	23 17	1 14	20 5	2 55	22 55	0 3	7 30	1 23	22 31	0 56	10 50	0 30	9 47	0 50	21 16	1 39	21 45	21 51	6 56	2 17	4 30
T 26	18 53	16 6	5 13	23 8	1 19	20 13	2 52	23 0	0 3	7 31	1 23	22 31	0 56	10 51	0 30	9 47	0 50	21 15	1 39	21 45	21 51	6 59	2 16	4 29
W27	18 38	20 31	4 54	22 59	1 24	20 21	2 49	23 4	0 4	7 31	1 24	22 32	0 56	10 51	0 30	9 48	0 50	21 15	1 39	21 45	21 52	7 2	2 15	4 29
T 28	18 22	23 42	4 17	22 48	1 29	20 28	2 46	23 8	0 5	7 32	1 24	22 32	0 56	10 51	0 30	9 48	0 50	21 15	1 39	21 45	21 52	7 5	2 14	4 29
F 29	18 6	25 29	3 27	22 35	1 34	20 35	2 43	23 12	0 6	7 32	1 24	22 32	0 55	10 52	0 30	9 49	0 50	21 15	1 38	21 45	21 52	7 8	2 13	4 29
S 30	17 50	25 46	2 26	22 22	1 38	20 41	2 40	23 16	0 6	7 32	1 24	22 32	0 55	10 52	0 30	9 49	0 50	21 15	1 38	21 44	21 53	7 11	2 12	4 28
S 31	17s34	24n35	1n19	22s 6	1s42	20s47	2n36	23s19	0s 7	7s33	1n25	22n32	0s55	10n53	0s30	9n50	0n50	21s15	1n38	21s44	21s53	7s14	2s10	4n28

Julian Day Number = 2366808.5, Delta T = 20.75 sec
Ecliptic obliquity = 23°28'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°30'04, Lahiri = 20°37'05Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1768
geocentric

FEBRUARY 1768 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 42 51	11♒44'55	20♋ 2	0♒22	26♐32	22♐19	22♎45	27°R42	29♈37	6°R40	12♑33	21°R35	20♑32	6♎46	14♓ 3	M 1
T 2	8 46 48	12°45'44	2♌45	1°58	27°40	23° 1	22°46	27♊39	29°38	6♍39	12°35	21♑35	20°29	6°52	14° 7	T 2
W 3	8 50 45	13°46'32	15°16	3°36	28°48	23°43	22°47	27°37	29°39	6°37	12°37	21°33	20°26	6°59	14°10	W 3
T 4	8 54 41	14°47'18	27°36	5°14	29°56	24°25	22°48	27°34	29°41	6°36	12°39	21°30	20°23	7° 6	14°13	T 4
F 5	8 58 38	15°48'04	9♍46	6°53	1♑ 5	25° 7	22°48	27°32	29°42	6°34	12°40	21°26	20°19	7°12	14°17	F 5
S 6	9 2 34	16°48'48	21°48	8°33	2°13	25°49	22°48	27°29	29°44	6°33	12°42	21°22	20°16	7°19	14°20	S 6
S 7	9 6 31	17°49'31	3♎44	10°14	3°22	26°31	22°R48	27°27	29°45	6°31	12°44	21°17	20°13	7°26	14°24	S 7
M 8	9 10 27	18°50'12	15°36	11°56	4°31	27°13	22°48	27°25	29°47	6°30	12°46	21°13	20°10	7°33	14°27	M 8
T 9	9 14 24	19°50'53	27°28	13°38	5°40	27°56	22°48	27°23	29°48	6°28	12°48	21°10	20° 7	7°39	14°31	T 9
W10	9 18 20	20°51'33	9♏24	15°21	6°49	28°38	22°47	27°21	29°50	6°27	12°49	21° 8	20° 4	7°46	14°34	W10
T 11	9 22 17	21°52'11	21°28	17° 5	7°58	29°20	22°47	27°19	29°52	6°25	12°51	21°D 7	20° 0	7°53	14°38	T 11
F 12	9 26 14	22°52'48	3♐46	18°50	9° 7	0♑ 2	22°46	27°17	29°53	6°23	12°53	21° 7	19°57	7°59	14°41	F 12
S 13	9 30 10	23°53'24	16°21	20°36	10°16	0°44	22°45	27°16	29°55	6°22	12°54	21° 9	19°54	8° 6	14°45	S 13
S 14	9 34 7	24°53'59	29°18	22°23	11°26	1°27	22°43	27°14	29°57	6°20	12°56	21°11	19°51	8°13	14°48	S 14
M15	9 38 3	25°54'33	12♑40	24°10	12°36	2° 9	22°42	27°13	29°59	6°19	12°58	21°12	19°48	8°20	14°52	M15
T 16	9 42 0	26°55'05	26°30	25°59	13°45	2°51	22°40	27°11	0♉ 1	6°17	12°59	21°R12	19°44	8°26	14°56	T 16
W17	9 45 56	27°55'36	10♒45	27°48	14°55	3°34	22°38	27°10	0° 3	6°15	13° 1	21°10	19°41	8°33	14°59	W17
T 18	9 49 53	28°56'05	25°23	29°38	16° 5	4°16	22°36	27° 9	0° 5	6°14	13° 2	21° 7	19°38	8°40	15° 3	T 18
F 19	9 53 49	29°56'33	10♓17	1♓29	17°15	4°58	22°34	27° 8	0° 7	6°12	13° 4	21° 2	19°35	8°46	15° 7	F 19
S 20	9 57 46	0♓56'59	25°18	3°21	18°25	5°41	22°32	27° 7	0° 9	6°10	13° 6	20°56	19°32	8°53	15°10	S 20
S 21	10 1 43	1°57'23	10♈17	5°13	19°35	6°23	22°29	27° 6	0°11	6° 9	13° 7	20°50	19°29	9° 0	15°14	S 21
M22	10 5 39	2°57'45	25° 6	7° 6	20°45	7° 5	22°26	27° 6	0°13	6° 7	13° 9	20°44	19°25	9° 7	15°18	M22
T 23	10 9 36	3°58'05	9♉38	9° 0	21°56	7°48	22°23	27° 5	0°16	6° 5	13°10	20°40	19°22	9°13	15°21	T 23
W24	10 13 32	4°58'24	23°48	10°54	23° 6	8°30	22°20	27° 5	0°18	6° 4	13°11	20°37	19°19	9°20	15°25	W24
T 25	10 17 29	5°58'40	7♊35	12°48	24°17	9°13	22°17	27° 4	0°20	6° 2	13°13	20°D37	19°16	9°27	15°29	T 25
F 26	10 21 25	6°58'54	21° 1	14°43	25°27	9°55	22°13	27° 4	0°22	6° 0	13°14	20°38	19°13	9°34	15°33	F 26
S 27	10 25 22	7°59'06	4♋ 7	16°37	26°38	10°38	22° 9	27°D 4	0°25	5°59	13°16	20°39	19°10	9°40	15°36	S 27
S 28	10 29 18	8°59'16	16°56	18°32	27°49	11°20	22° 6	27° 4	0°27	5°57	13°17	20°R40	19° 6	9°47	15°40	S 28
M29	10 33 15	9♓59'24	29♋32	20♓26	28♑59	12♑ 3	22♎ 2	27♊ 4	0♉30	5♍55	13♑18	20♑39	19♑ 3	9♎54	15♓44	M29

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	17s17	22n 7	0n 9	21s50	1s46	20s53	2n33	23s23	0s 8	7s33	1n25	22n32	0s55	10n53	0s30	9n51	0n50	21s15	1n38	21s44	21s54	7s16	2s 9	4n28
T 2	17 0	18 35	1s 1	21 32	1 50	20 57	2 30	23 26	0 9	7 33	1 25	22 32	0 55	10 54	0 30	9 51	0 50	21 15	1 38	21 44	21 54	7 19	2 8	4 28
W 3	16 43	14 16	2 7	21 12	1 53	21 2	2 26	23 29	0 10	7 33	1 25	22 32	0 54	10 54	0 30	9 52	0 50	21 15	1 38	21 45	21 55	7 22	2 7	4 28
T 4	16 25	9 25	3 5	20 51	1 56	21 6	2 23	23 32	0 10	7 33	1 26	22 33	0 54	10 55	0 30	9 52	0 50	21 14	1 38	21 45	21 55	7 25	2 6	4 28
F 5	16 7	4 18	3 54	20 29	1 58	21 9	2 19	23 34	0 11	7 33	1 26	22 33	0 54	10 55	0 30	9 53	0 50	21 14	1 38	21 46	21 56	7 28	2 5	4 27
S 6	15 49	0s55	4 33	20 5	2 0	21 12	2 15	23 36	0 12	7 33	1 26	22 33	0 54	10 56	0 30	9 53	0 50	21 14	1 38	21 46	21 56	7 31	2 4	4 27
S 7	15 31	6 3	4 59	19 40	2 2	21 14	2 12	23 38	0 13	7 33	1 26	22 33	0 54	10 56	0 30	9 54	0 50	21 14	1 38	21 47	21 57	7 34	2 3	4 27
M 8	15 12	10 56	5 11	19 13	2 4	21 16	2 8	23 40	0 14	7 32	1 27	22 33	0 54	10 57	0 30	9 55	0 50	21 14	1 38	21 48	21 57	7 36	2 1	4 27
T 9	14 53	15 25	5 11	18 45	2 5	21 17	2 4	23 42	0 14	7 32	1 27	22 33	0 53	10 57	0 30	9 55	0 50	21 14	1 38	21 48	21 58	7 39	2 0	4 27
W10	14 34	19 20	4 57	18 15	2 5	21 17	2 1	23 43	0 15	7 32	1 27	22 33	0 53	10 58	0 30	9 56	0 50	21 14	1 38	21 49	21 58	7 42	1 59	4 27
T 11	14 14	22 30	4 30	17 43	2 5	21 17	1 57	23 44	0 16	7 31	1 27	22 34	0 53	10 59	0 29	9 56	0 50	21 14	1 38	21 49	21 59	7 45	1 58	4 26
F 12	13 54	24 42	3 51	17 11	2 5	21 17	1 53	23 45	0 17	7 30	1 28	22 34	0 53	10 59	0 29	9 57	0 50	21 14	1 38	21 49	21 59	7 48	1 57	4 26
S 13	13 35	25 44	2 59	16 37	2 4	21 15	1 49	23 46	0 18	7 30	1 28	22 34	0 53	11 0	0 29	9 58	0 50	21 14	1 37	21 48	22 0	7 51	1 55	4 26
S 14	13 14	25 25	1 57	16 1	2 3	21 14	1 45	23 46	0 19	7 29	1 28	22 34	0 52	11 1	0 29	9 58	0 50	21 14	1 37	21 48	22 0	7 53	1 54	4 26
M15	12 54	23 38	0 46	15 24	2 2	21 11	1 41	23 47	0 20	7 28	1 28	22 34	0 52	11 1	0 29	9 59	0 50	21 13	1 37	21 48	22 1	7 56	1 53	4 26
T 16	12 33	20 25	0n29	14 45	2 0	21 8	1 38	23 47	0 20	7 28	1 29	22 34	0 52	11 2	0 29	10 0	0 50	21 13	1 37	21 48	22 1	7 59	1 52	4 26
W17	12 13	15 53	1 44	14 5	1 57	21 5	1 34	23 47	0 21	7 27	1 29	22 35	0 52	11 3	0 29	10 0	0 50	21 13	1 37	21 48	22 1	8 2	1 50	4 26
T 18	11 52	10 20	2 55	13 23	1 54	21 1	1 30	23 46	0 22	7 26	1 29	22 35	0 52	11 4	0 29	10 1	0 50	21 13	1 37	21 49	22 2	8 5	1 49	4 25
F 19	11 30	4 6	3 55	12 41	1 50	20 56	1 26	23 46	0 23	7 25	1 29	22 35	0 52	11 4	0 29	10 1	0 50	21 13	1 37	21 49	22 2	8 8	1 48	4 25
S 20	11 9	2n24	4 39	11 56	1 46	20 51	1 22	23 45	0 24	7 23	1 29	22 35	0 51	11 5	0 29	10 2	0 50	21 13	1 37	21 50	22 3	8 10	1 46	4 25
S 21	10 48	8 44	5 4	11 11	1 41	20 45	1 18	23 44	0 25	7 22	1 30	22 35	0 51	11 6	0 29	10 3	0 50	21 13	1 37	21 51	22 3	8 13	1 45	4 25
M22	10 26	14 30	5 8	10 24	1 36	20 39	1 14	23 43	0 26	7 21	1 30	22 35	0 51	11 7	0 29	10 3	0 50	21 13	1 37	21 52	22 4	8 16	1 44	4 25
T 23	10 4	19 20	4 53	9 36	1 30	20 32	1 10	23 41	0 27	7 20	1 30	22 36	0 51	11 7	0 29	10 4	0 50	21 13	1 37	21 53	22 4	8 19	1 42	4 25
W24	9 42	22 56	4 19	8 46	1 23	20 24	1 6	23 39	0 28	7 18	1 30	22 36	0 51	11 8	0 29	10 5	0 50	21 13	1 37	21 53	22 5	8 22	1 41	4 25
T 25	9 20	25 5	3 31	7 56	1 16	20 16	1 2	23 38	0 29	7 17	1 31	22 36	0 50	11 9	0 29	10 5	0 50	21 13	1 37	21 53	22 5	8 24	1 40	4 25
F 26	8 58	25 43	2 33	7 5	1 8	20 8	0 58	23 35	0 30	7 15	1 31	22 36	0 50	11 10	0 29	10 6	0 50	21 12	1 37	21 53	22 6	8 27	1 38	4 25
S 27	8 35	24 52	1 28	6 12	1 0	19 58	0 54	23 33	0 30	7 14	1 31	22 36	0 50	11 11	0 29	10 6	0 50	21 12	1 37	21 53	22 6	8 30	1 37	4 24
S 28	8 13	22 44	0 20	5 19	0 51	19 49	0 50	23 30	0 31	7 12	1 31	22 36	0 50	11 12	0 29	10 7	0 50	21 12	1 37	21 53	22 6	8 33	1 36	4 24
M29	7s50	19n30	0s48	4s26	0s41	19s38	0n46	23s28	0s32	7s11	1n31	22n37	0s50	11n12	0s29	10n 8	0n50	21s12	1n37	21s53	22s 7	8s36	1s34	4n24

Julian Day Number = 2366839.5, Delta T = 20.77 sec
Ecliptic obliquity = 23°28'13, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°30'09, Lahiri = 20°37'09Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1768
geocentric

MARCH 1768 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 37 12	10♓59'30	11♌56	22♓18	0♒10	12♑45	21°R57	27♊ 5	0♉32	5°R54	13♑20	20°R37	19♑ 0	10♎ 0	15♓48	T 1
W 2	10 41 8	11°59'34	24°11	24°10	1°21	13°28	21♎53	27° 5	0°35	5♍52	13°21	20♑32	18°57	10° 7	15°52	W 2
T 3	10 45 5	12°59'36	6♍19	26° 1	2°32	14°11	21°49	27° 6	0°37	5°50	13°22	20°25	18°54	10°14	15°55	T 3
F 4	10 49 1	13°59'36	18°21	27°49	3°43	14°53	21°44	27° 6	0°40	5°49	13°23	20°16	18°50	10°21	15°59	F 4
S 5	10 52 58	14°59'34	0♎18	29°35	4°54	15°36	21°39	27° 7	0°42	5°47	13°25	20° 5	18°47	10°27	16° 3	S 5
S 6	10 56 54	15°59'30	12°11	1♈18	6° 5	16°19	21°34	27° 8	0°45	5°45	13°26	19°54	18°44	10°34	16° 7	S 6
M 7	11 0 51	16°59'25	24° 3	2°58	7°17	17° 1	21°29	27° 9	0°48	5°44	13°27	19°43	18°41	10°41	16°10	M 7
T 8	11 4 47	17°59'17	5♏56	4°34	8°28	17°44	21°24	27°10	0°50	5°42	13°28	19°34	18°38	10°47	16°14	T 8
W 9	11 8 44	18°59'08	17°52	6° 5	9°39	18°27	21°18	27°11	0°53	5°40	13°29	19°27	18°35	10°54	16°18	W 9
T 10	11 12 41	19°58'58	29°55	7°32	10°51	19° 9	21°13	27°12	0°56	5°39	13°30	19°23	18°31	11° 1	16°22	T 10
F 11	11 16 37	20°58'45	12♐ 9	8°53	12° 2	19°52	21° 7	27°13	0°59	5°37	13°31	19°20	18°28	11° 8	16°25	F 11
S 12	11 20 34	21°58'31	24°39	10° 8	13°13	20°35	21° 1	27°15	1° 2	5°36	13°32	19°D20	18°25	11°14	16°29	S 12
S 13	11 24 30	22°58'15	7♑30	11°17	14°25	21°18	20°55	27°17	1° 4	5°34	13°33	19°20	18°22	11°21	16°33	S 13
M14	11 28 27	23°57'58	20°46	12°19	15°37	22° 1	20°49	27°18	1° 7	5°32	13°34	19°R21	18°19	11°28	16°37	M14
T 15	11 32 23	24°57'39	4♒30	13°14	16°48	22°43	20°43	27°20	1°10	5°31	13°35	19°20	18°16	11°35	16°41	T 15
W16	11 36 20	25°57'17	18°43	14° 2	18° 0	23°26	20°37	27°22	1°13	5°29	13°36	19°17	18°12	11°41	16°44	W16
T 17	11 40 16	26°56'54	3♓24	14°42	19°12	24° 9	20°30	27°24	1°16	5°28	13°37	19°11	18° 9	11°48	16°48	T 17
F 18	11 44 13	27°56'30	18°26	15°15	20°23	24°52	20°24	27°26	1°19	5°26	13°38	19° 3	18° 6	11°55	16°52	F 18
S 19	11 48 9	28°56'03	3♈42	15°39	21°35	25°35	20°17	27°28	1°22	5°25	13°39	18°53	18° 3	12° 1	16°55	S 19
S 20	11 52 6	29°55'34	19° 0	15°56	22°47	26°18	20°10	27°31	1°25	5°23	13°39	18°42	18° 0	12° 8	16°59	S 20
M21	11 56 3	0♈55'03	4♉ 9	16° 5	23°59	27° 1	20° 4	27°33	1°28	5°22	13°40	18°32	17°56	12°15	17° 3	M21
T 22	11 59 59	1°54'29	18°59	16°R 5	25°11	27°44	19°57	27°36	1°31	5°20	13°41	18°24	17°53	12°22	17° 7	T 22
W23	12 3 56	2°53'54	3♊24	15°59	26°23	28°27	19°50	27°38	1°35	5°19	13°41	18°19	17°50	12°28	17°10	W23
T 24	12 7 52	3°53'16	17°20	15°45	27°35	29°10	19°43	27°41	1°38	5°17	13°42	18°16	17°47	12°35	17°14	T 24
F 25	12 11 49	4°52'36	0♋49	15°24	28°47	29°52	19°35	27°44	1°41	5°16	13°43	18°D15	17°44	12°42	17°17	F 25
S 26	12 15 45	5°51'53	13°53	14°57	29°59	0♒35	19°28	27°47	1°44	5°15	13°43	18°R15	17°41	12°48	17°21	S 26
S 27	12 19 42	6°51'09	26°36	14°25	1♓11	1°18	19°21	27°50	1°47	5°13	13°44	18°15	17°37	12°55	17°25	S 27
M28	12 23 38	7°50'21	9♌ 3	13°47	2°23	2° 1	19°13	27°53	1°50	5°12	13°45	18°13	17°34	13° 2	17°28	M28
T 29	12 27 35	8°49'32	21°16	13° 6	3°35	2°44	19° 6	27°56	1°54	5°10	13°45	18°10	17°31	13° 9	17°32	T 29
W30	12 31 32	9°48'40	3♍21	12°21	4°47	3°27	18°58	28° 0	1°57	5° 9	13°46	18° 3	17°28	13°15	17°35	W30
T 31	12 35 28	10♈47'46	15♍19	11♈34	5♓59	4♒10	18♎51	28♊ 3	2♉ 0	5♍ 8	13♑46	17♑53	17♑25	13♎22	17♓39	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	7s27	15n27	1s52	3s32	0s31	19s27	0n42	23s25	0s33	7s 9	1n32	22n37	0s49	11n13	0s29	10n 8	0n50	21s12	1n36	21s53	22s 7	8s38	1s33	4n24
W 2	7 4	10 48	2 50	2 38	0 20	19 16	0 38	23 21	0 34	7 7	1 32	22 37	0 49	11 14	0 29	10 9	0 50	21 12	1 36	21 54	22 8	8 41	1 32	4 24
T 3	6 41	5 48	3 40	1 44	0 9	19 4	0 34	23 18	0 35	7 5	1 32	22 37	0 49	11 15	0 29	10 10	0 50	21 12	1 36	21 55	22 8	8 44	1 30	4 24
F 4	6 18	0 38	4 19	0 50	0n 3	18 51	0 31	23 14	0 36	7 3	1 32	22 37	0 49	11 16	0 29	10 10	0 50	21 12	1 36	21 56	22 9	8 47	1 29	4 24
S 5	5 55	4s30	4 47	0n 4	0 15	18 38	0 27	23 10	0 37	7 1	1 32	22 38	0 49	11 17	0 29	10 11	0 50	21 12	1 36	21 58	22 9	8 49	1 27	4 24
S 6	5 32	9 27	5 2	0 56	0 28	18 24	0 23	23 6	0 38	6 59	1 33	22 38	0 49	11 18	0 29	10 11	0 50	21 12	1 36	22 0	22 10	8 52	1 26	4 24
M 7	5 9	14 2	5 3	1 48	0 41	18 10	0 19	23 2	0 39	6 57	1 33	22 38	0 48	11 19	0 29	10 12	0 50	21 12	1 36	22 1	22 10	8 55	1 25	4 24
T 8	4 45	18 6	4 52	2 38	0 54	17 55	0 15	22 57	0 40	6 55	1 33	22 38	0 48	11 20	0 29	10 13	0 50	21 12	1 36	22 2	22 10	8 58	1 23	4 24
W 9	4 22	21 28	4 28	3 27	1 7	17 40	0 12	22 53	0 41	6 53	1 33	22 38	0 48	11 21	0 29	10 13	0 50	21 12	1 36	22 3	22 11	9 0	1 22	4 24
T 10	3 58	23 56	3 52	4 13	1 20	17 24	0 8	22 48	0 42	6 51	1 33	22 39	0 48	11 22	0 29	10 14	0 50	21 12	1 36	22 4	22 11	9 3	1 20	4 24
F 11	3 35	25 20	3 5	4 57	1 33	17 8	0 4	22 43	0 43	6 48	1 33	22 39	0 48	11 23	0 29	10 14	0 50	21 12	1 36	22 4	22 12	9 6	1 19	4 24
S 12	3 11	25 29	2 8	5 39	1 47	16 51	0 1	22 37	0 44	6 46	1 34	22 39	0 47	11 24	0 29	10 15	0 50	21 11	1 36	22 4	22 12	9 9	1 17	4 24
S 13	2 48	24 18	1 3	6 18	1 59	16 34	0s 3	22 32	0 45	6 44	1 34	22 39	0 47	11 25	0 29	10 16	0 50	21 11	1 36	22 4	22 13	9 11	1 16	4 24
M14	2 24	21 44	0n 8	6 54	2 12	16 17	0 6	22 26	0 46	6 41	1 34	22 40	0 47	11 26	0 29	10 16	0 50	21 11	1 36	22 4	22 13	9 14	1 15	4 23
T 15	2 0	17 52	1 20	7 26	2 23	15 58	0 10	22 20	0 47	6 39	1 34	22 40	0 47	11 27	0 29	10 17	0 50	21 11	1 36	22 5	22 13	9 17	1 13	4 23
W16	1 37	12 52	2 29	7 55	2 35	15 40	0 13	22 13	0 48	6 36	1 34	22 40	0 47	11 28	0 29	10 17	0 50	21 11	1 36	22 5	22 14	9 20	1 12	4 23
T 17	1 13	6 59	3 31	8 20	2 45	15 21	0 16	22 7	0 49	6 34	1 34	22 40	0 47	11 29	0 29	10 18	0 50	21 11	1 36	22 6	22 14	9 22	1 10	4 23
F 18	0 49	0 35	4 20	8 41	2 54	15 1	0 20	22 0	0 50	6 31	1 34	22 40	0 46	11 30	0 29	10 18	0 50	21 11	1 36	22 7	22 15	9 25	1 9	4 23
S 19	0 25	5n56	4 51	8 59	3 3	14 41	0 23	21 54	0 51	6 29	1 34	22 41	0 46	11 31	0 29	10 19	0 50	21 11	1 36	22 8	22 15	9 28	1 7	4 23
S 20	0 2	12 6	5 2	9 12	3 10	14 21	0 26	21 47	0 52	6 26	1 35	22 41	0 46	11 32	0 29	10 20	0 50	21 11	1 35	22 10	22 16	9 31	1 6	4 23
M21	0n22	17 28	4 51	9 21	3 16	14 0	0 29	21 39	0 53	6 23	1 35	22 41	0 46	11 33	0 29	10 20	0 50	21 11	1 35	22 11	22 16	9 33	1 5	4 23
T 22	0 46	21 39	4 20	9 25	3 21	13 39	0 32	21 32	0 55	6 21	1 35	22 41	0 46	11 34	0 28	10 21	0 50	21 11	1 35	22 12	22 16	9 36	1 3	4 23
W23	1 9	24 21	3 34	9 26	3 24	13 18	0 36	21 24	0 56	6 18	1 35	22 42	0 45	11 36	0 28	10 21	0 50	21 11	1 35	22 13	22 17	9 39	1 2	4 23
T 24	1 33	25 27	2 36	9 22	3 25	12 56	0 39	21 17	0 57	6 15	1 35	22 42	0 45	11 37	0 28	10 22	0 50	21 11	1 35	22 13	22 17	9 42	1 0	4 23
F 25	1 56	24 59	1 31	9 13	3 25	12 34	0 41	21 9	0 58	6 13	1 35	22 42	0 45	11 38	0 28	10 22	0 50	21 11	1 35	22 13	22 18	9 44	0 59	4 23
S 26	2 20	23 8	0 23	9 1	3 23	12 11	0 44	21 0	0 59	6 10	1 35	22 42	0 45	11 39	0 28	10 23	0 50	21 11	1 35	22 13	22 18	9 47	0 58	4 23
S 27	2 43	20 8	0s44	8 45	3 20	11 48	0 47	20 52	1 0	6 7	1 35	22 42	0 45	11 40	0 28	10 23	0 50	21 11	1 35	22 13	22 18	9 50	0 56	4 23
M28	3 7	16 17	1 48	8 26	3 15	11 25	0 50	20 44	1 1	6 4	1 35	22 43	0 45	11 41	0 28	10 24	0 50	21 11	1 35	22 14	22 19	9 52	0 55	4 23
T 29	3 30	11 49	2 45	8 3	3 8	11 1	0 53	20 35	1 2	6 1	1 35	22 43	0 44	11 42	0 28	10 24	0 50	21 11	1 35	22 14	22 19	9 55	0 53	4 23
W30	3 53	6 58	3 34	7 38	2 59	10 38	0 55	20 26	1 3	5 58	1 35	22 43	0 44	11 43	0 28	10 25	0 50	21 11	1 35	22 15	22 20	9 58	0 52	4 24
T 31	4n17	1n54	4s13	7n10	2n49	10s13	0s58	20s17	1s 4	5s55	1n35	22n43	0s44	11n45	0s28	10n25	0n50	21s11	1n35	22s16	22s20	10s 0	0s50	4n24

Julian Day Number = 2366868.5, Delta T = 20.79 sec
Ecliptic obliquity = 23°28'13, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°30'13, Lahiri = 20°37'13Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1768
geocentric

APRIL 1768 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 39 25	11♈46'50	27♍14	10°R46	7♓11	4♒53	18°R43	28♊ 7	2♉ 3	5°R 7	13♑46	17°R41	17♑21	13♎29	17♓43	F 1
S 2	12 43 21	12°45'51	9♎ 8	9♈58	8°23	5°36	18♎36	28°10	2° 7	5♍ 5	13°47	17♑27	17°18	13°36	17°46	S 2
S 3	12 47 18	13°44'51	21° 0	9°10	9°35	6°19	18°28	28°14	2°10	5° 4	13°47	17°13	17°15	13°42	17°50	S 3
M 4	12 51 14	14°43'48	2♏54	8°24	10°48	7° 2	18°21	28°18	2°13	5° 3	13°48	16°59	17°12	13°49	17°53	M 4
T 5	12 55 11	15°42'44	14°50	7°40	12° 0	7°45	18°13	28°22	2°17	5° 2	13°48	16°47	17° 9	13°56	17°56	T 5
W 6	12 59 7	16°41'38	26°50	6°59	13°12	8°28	18° 5	28°26	2°20	5° 0	13°48	16°37	17° 6	14° 2	18° 0	W 6
T 7	13 3 4	17°40'30	8♐57	6°22	14°25	9°11	17°57	28°30	2°23	4°59	13°48	16°30	17° 2	14° 9	18° 3	T 7
F 8	13 7 1	18°39'20	21°13	5°49	15°37	9°55	17°50	28°34	2°27	4°58	13°49	16°26	16°59	14°16	18° 7	F 8
S 9	13 10 57	19°38'09	3♑43	5°20	16°49	10°38	17°42	28°39	2°30	4°57	13°49	16°24	16°56	14°23	18°10	S 9
S 10	13 14 54	20°36'55	16°31	4°57	18° 2	11°21	17°34	28°43	2°34	4°56	13°49	16°24	16°53	14°29	18°13	S 10
M11	13 18 50	21°35'40	29°41	4°38	19°14	12° 4	17°27	28°47	2°37	4°55	13°49	16°24	16°50	14°36	18°17	M11
T 12	13 22 47	22°34'24	13♒16	4°25	20°26	12°47	17°19	28°52	2°40	4°54	13°49	16°23	16°47	14°43	18°20	T 12
W13	13 26 43	23°33'05	27°19	4°17	21°39	13°30	17°11	28°56	2°44	4°53	13°49	16°19	16°43	14°49	18°23	W13
T 14	13 30 40	24°31'45	11♓50	4°D14	22°51	14°13	17° 4	29° 1	2°47	4°52	13°49	16°14	16°40	14°56	18°26	T 14
F 15	13 34 36	25°30'23	26°45	4°16	24° 4	14°56	16°56	29° 6	2°51	4°51	13°R49	16° 5	16°37	15° 3	18°29	F 15
S 16	13 38 33	26°28'59	11♈57	4°23	25°16	15°39	16°49	29°11	2°54	4°50	13°49	15°55	16°34	15°10	18°33	S 16
S 17	13 42 30	27°27'34	27°16	4°35	26°29	16°22	16°41	29°16	2°58	4°49	13°49	15°44	16°31	15°16	18°36	S 17
M18	13 46 26	28°26'06	12♉30	4°52	27°41	17° 5	16°34	29°21	3° 1	4°48	13°49	15°34	16°27	15°23	18°39	M18
T 19	13 50 23	29°24'37	27°29	5°14	28°54	17°48	16°26	29°26	3° 4	4°48	13°49	15°25	16°24	15°30	18°42	T 19
W20	13 54 19	0♉23'06	12♊ 4	5°40	0♈ 6	18°31	16°19	29°31	3° 8	4°47	13°49	15°19	16°21	15°37	18°45	W20
T 21	13 58 16	1°21'32	26°10	6°10	1°19	19°14	16°12	29°36	3°11	4°46	13°49	15°16	16°18	15°43	18°48	T 21
F 22	14 2 12	2°19'57	9♋48	6°45	2°32	19°57	16° 5	29°42	3°15	4°45	13°48	15°D15	16°15	15°50	18°51	F 22
S 23	14 6 9	3°18'19	22°57	7°23	3°44	20°40	15°58	29°47	3°18	4°45	13°48	15°15	16°12	15°57	18°54	S 23
S 24	14 10 5	4°16'39	5♌43	8° 5	4°57	21°23	15°51	29°53	3°22	4°44	13°48	15°R15	16° 8	16° 3	18°57	S 24
M25	14 14 2	5°14'57	18° 8	8°51	6° 9	22° 6	15°44	29°58	3°25	4°43	13°48	15°14	16° 5	16°10	19° 0	M25
T 26	14 17 59	6°13'13	0♍19	9°40	7°22	22°49	15°37	0♋ 4	3°29	4°43	13°47	15°11	16° 2	16°17	19° 2	T 26
W27	14 21 55	7°11'27	12°20	10°33	8°34	23°32	15°30	0° 9	3°32	4°42	13°47	15° 6	15°59	16°24	19° 5	W27
T 28	14 25 52	8° 9'39	24°15	11°28	9°47	24°15	15°23	0°15	3°36	4°41	13°47	14°59	15°56	16°30	19° 8	T 28
F 29	14 29 48	9° 7'49	6♎ 7	12°27	11° 0	24°58	15°17	0°21	3°39	4°41	13°46	14°49	15°53	16°37	19°11	F 29
S 30	14 33 45	10♉ 5'57	17♎59	13♈28	12♈12	25♒40	15♎10	0♋27	3♉42	4♍40	13♑46	14♑37	15♑49	16♎44	19♓13	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	4n40	3s12	4s41	6n41	2n37	9s49	1s 0	20s 7	1s 5	5s53	1n35	22n44	0s44	11n46	0s28	10n26	0n50	21s11	1n35	22s18	22s21	10s 3	0s49	4n24
S 2	5 3	8 9	4 56	6 10	2 25	9 24	1 3	19 58	1 6	5 50	1 35	22 44	0 44	11 47	0 28	10 26	0 50	21 11	1 35	22 20	22 21	10 6	0 48	4 24
S 3	5 26	12 49	4 59	5 38	2 11	8 59	1 5	19 48	1 8	5 47	1 35	22 44	0 44	11 48	0 28	10 27	0 50	21 11	1 35	22 22	22 21	10 9	0 46	4 24
M 4	5 49	17 0	4 48	5 7	1 56	8 34	1 7	19 39	1 9	5 44	1 35	22 44	0 43	11 49	0 28	10 27	0 50	21 11	1 35	22 23	22 22	10 11	0 45	4 24
T 5	6 11	20 31	4 25	4 35	1 41	8 8	1 9	19 29	1 10	5 41	1 35	22 44	0 43	11 50	0 28	10 27	0 50	21 11	1 35	22 25	22 22	10 14	0 44	4 24
W 6	6 34	23 12	3 50	4 4	1 25	7 43	1 12	19 19	1 11	5 38	1 35	22 45	0 43	11 51	0 28	10 28	0 50	21 11	1 35	22 26	22 23	10 17	0 42	4 24
T 7	6 57	24 51	3 4	3 35	1 8	7 17	1 14	19 8	1 12	5 35	1 35	22 45	0 43	11 53	0 28	10 28	0 50	21 11	1 35	22 27	22 23	10 19	0 41	4 24
F 8	7 19	25 19	2 9	3 6	0 52	6 50	1 16	18 58	1 13	5 32	1 35	22 45	0 43	11 54	0 28	10 29	0 50	21 11	1 35	22 28	22 23	10 22	0 39	4 24
S 9	7 41	24 32	1 6	2 40	0 36	6 24	1 17	18 47	1 14	5 29	1 35	22 45	0 43	11 55	0 28	10 29	0 50	21 11	1 35	22 28	22 24	10 25	0 38	4 24
S 10	8 4	22 26	0n 1	2 16	0 19	5 57	1 19	18 36	1 15	5 26	1 35	22 45	0 42	11 56	0 28	10 29	0 50	21 11	1 34	22 28	22 24	10 27	0 37	4 24
M11	8 26	19 7	1 10	1 54	0 3	5 31	1 21	18 25	1 17	5 23	1 35	22 46	0 42	11 57	0 28	10 30	0 50	21 11	1 34	22 28	22 25	10 30	0 35	4 24
T 12	8 48	14 40	2 17	1 34	0s12	5 4	1 23	18 14	1 18	5 21	1 35	22 46	0 42	11 58	0 28	10 30	0 50	21 11	1 34	22 28	22 25	10 33	0 34	4 24
W13	9 9	9 19	3 18	1 17	0 27	4 37	1 24	18 3	1 19	5 18	1 35	22 46	0 42	12 0	0 28	10 31	0 50	21 11	1 34	22 28	22 25	10 35	0 33	4 24
T 14	9 31	3 18	4 9	1 3	0 42	4 9	1 26	17 52	1 20	5 15	1 35	22 46	0 42	12 1	0 28	10 31	0 50	21 11	1 34	22 29	22 26	10 38	0 31	4 24
F 15	9 53	3n 3	4 44	0 51	0 56	3 42	1 27	17 40	1 21	5 12	1 35	22 46	0 42	12 2	0 28	10 31	0 50	21 11	1 34	22 30	22 26	10 40	0 30	4 24
S 16	10 14	9 20	5 0	0 41	1 9	3 14	1 29	17 28	1 22	5 9	1 35	22 47	0 41	12 3	0 28	10 32	0 50	21 11	1 34	22 31	22 27	10 43	0 29	4 25
S 17	10 35	15 5	4 55	0 35	1 22	2 47	1 30	17 17	1 23	5 6	1 35	22 47	0 41	12 4	0 28	10 32	0 50	21 11	1 34	22 32	22 27	10 46	0 27	4 25
M18	10 56	19 52	4 28	0 31	1 33	2 19	1 31	17 5	1 25	5 4	1 35	22 47	0 41	12 6	0 28	10 32	0 50	21 12	1 34	22 34	22 27	10 48	0 26	4 25
T 19	11 17	23 15	3 44	0 29	1 44	1 51	1 32	16 53	1 26	5 1	1 35	22 47	0 41	12 7	0 28	10 32	0 50	21 12	1 34	22 35	22 28	10 51	0 25	4 25
W20	11 37	25 0	2 46	0 30	1 55	1 23	1 33	16 40	1 27	4 58	1 35	22 47	0 41	12 8	0 28	10 33	0 50	21 12	1 34	22 35	22 28	10 54	0 24	4 25
T 21	11 58	25 4	1 39	0 33	2 4	0 55	1 34	16 28	1 28	4 55	1 34	22 47	0 41	12 9	0 28	10 33	0 50	21 12	1 34	22 36	22 28	10 56	0 22	4 25
F 22	12 18	23 35	0 29	0 39	2 13	0 27	1 35	16 16	1 29	4 53	1 34	22 48	0 41	12 10	0 28	10 33	0 50	21 12	1 34	22 36	22 29	10 59	0 21	4 25
S 23	12 38	20 51	0s41	0 46	2 21	0n 1	1 36	16 3	1 30	4 50	1 34	22 48	0 40	12 11	0 28	10 34	0 50	21 12	1 34	22 36	22 29	11 1	0 20	4 25
S 24	12 58	17 9	1 46	0 56	2 28	0 29	1 37	15 50	1 32	4 48	1 34	22 48	0 40	12 13	0 28	10 34	0 50	21 12	1 34	22 36	22 30	11 4	0 19	4 25
M25	13 17	12 48	2 45	1 8	2 35	0 57	1 38	15 37	1 33	4 45	1 34	22 48	0 40	12 14	0 28	10 34	0 50	21 12	1 34	22 36	22 30	11 7	0 17	4 25
T 26	13 37	8 1	3 35	1 22	2 41	1 25	1 38	15 24	1 34	4 43	1 34	22 48	0 40	12 15	0 28	10 34	0 50	21 12	1 34	22 36	22 30	11 9	0 16	4 26
W27	13 56	3 1	4 15	1 38	2 46	1 53	1 39	15 11	1 35	4 40	1 34	22 48	0 40	12 16	0 28	10 34	0 50	21 12	1 34	22 37	22 31	11 12	0 15	4 26
T 28	14 15	2s 3	4 43	1 56	2 50	2 22	1 39	14 58	1 36	4 38	1 34	22 49	0 40	12 17	0 28	10 35	0 50	21 12	1 34	22 38	22 31	11 15	0 14	4 26
F 29	14 33	7 0	4 59	2 15	2 54	2 50	1 40	14 45	1 37	4 35	1 33	22 49	0 40	12 19	0 28	10 35	0 50	21 12	1 34	22 39	22 31	11 17	0 13	4 26
S 30	14n52	11s42	5s 2	2n36	2s57	3n18	1s40	14s32	1s39	4s33	1n33	22n49	0s39	12n20	0s28	10n35	0n50	21s12	1n33	22s40	22s32	11s20	0s11	4n26

Julian Day Number = 2366899.5, Delta T = 20.80 sec
Ecliptic obliquity = 23°28'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°30'17, Lahiri = 20°37'17Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1768
geocentric

MAY 1768 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 37 41	11♉ 4'03	29♎53	14♈33	13♈25	26♒23	15°R 4	0♋33	3♉46	4°R40	13°R45	14°R25	15♑46	16♎51	19♓16	S 1
M 2	14 41 38	12° 2'08	11♏50	15°40	14°38	27° 6	14♎58	0°39	3°49	4♍39	13♑45	14♑14	15°43	16°57	19°19	M 2
T 3	14 45 34	13° 0'11	23°53	16°50	15°50	27°49	14°52	0°45	3°53	4°39	13°44	14° 3	15°40	17° 4	19°21	T 3
W 4	14 49 31	13°58'12	6♐ 2	18° 2	17° 3	28°32	14°46	0°51	3°56	4°39	13°44	13°55	15°37	17°11	19°24	W 4
T 5	14 53 28	14°56'12	18°19	19°17	18°16	29°14	14°40	0°57	4° 0	4°38	13°43	13°50	15°33	17°17	19°26	T 5
F 6	14 57 24	15°54'10	0♑45	20°34	19°28	29°57	14°34	1° 3	4° 3	4°38	13°43	13°47	15°30	17°24	19°29	F 6
S 7	15 1 21	16°52'07	13°23	21°54	20°41	0♓40	14°29	1°10	4° 6	4°38	13°42	13°D46	15°27	17°31	19°31	S 7
S 8	15 5 17	17°50'03	26°17	23°16	21°54	1°23	14°23	1°16	4°10	4°38	13°41	13°46	15°24	17°38	19°33	S 8
M 9	15 9 14	18°47'57	9♒28	24°40	23° 7	2° 5	14°18	1°22	4°13	4°37	13°41	13°47	15°21	17°44	19°36	M 9
T 10	15 13 10	19°45'50	23° 0	26° 7	24°19	2°48	14°13	1°29	4°16	4°37	13°40	13°R48	15°18	17°51	19°38	T 10
W11	15 17 7	20°43'42	6♓55	27°36	25°32	3°31	14° 8	1°35	4°20	4°37	13°39	13°46	15°14	17°58	19°40	W11
T 12	15 21 3	21°41'33	21°12	29° 7	26°45	4°13	14° 3	1°42	4°23	4°37	13°38	13°43	15°11	18° 4	19°42	T 12
F 13	15 25 0	22°39'22	5♈51	0♉40	27°58	4°56	13°58	1°49	4°26	4°37	13°38	13°38	15° 8	18°11	19°44	F 13
S 14	15 28 57	23°37'10	20°46	2°15	29°11	5°38	13°53	1°55	4°30	4°37	13°37	13°31	15° 5	18°18	19°47	S 14
S 15	15 32 53	24°34'57	5♉48	3°53	0♉23	6°21	13°49	2° 2	4°33	4°D37	13°36	13°24	15° 2	18°25	19°49	S 15
M16	15 36 50	25°32'43	20°50	5°33	1°36	7° 3	13°45	2° 9	4°36	4°37	13°35	13°17	14°58	18°31	19°51	M16
T 17	15 40 46	26°30'28	5♊42	7°15	2°49	7°46	13°40	2°16	4°40	4°37	13°34	13°11	14°55	18°38	19°53	T 17
W18	15 44 43	27°28'11	20°14	8°59	4° 2	8°28	13°37	2°23	4°43	4°37	13°33	13° 7	14°52	18°45	19°54	W18
T 19	15 48 39	28°25'53	4♋23	10°45	5°15	9°10	13°33	2°29	4°46	4°37	13°32	13° 5	14°49	18°52	19°56	T 19
F 20	15 52 36	29°23'33	18° 5	12°33	6°28	9°52	13°29	2°36	4°49	4°37	13°31	13°D 5	14°46	18°58	19°58	F 20
S 21	15 56 32	0♊21'12	1♌19	14°24	7°41	10°35	13°26	2°43	4°53	4°37	13°30	13° 6	14°43	19° 5	20° 0	S 21
S 22	16 0 29	1°18'49	14°10	16°17	8°53	11°17	13°22	2°50	4°56	4°37	13°30	13° 7	14°39	19°12	20° 2	S 22
M23	16 4 26	2°16'24	26°39	18°11	10° 6	11°59	13°19	2°58	4°59	4°38	13°28	13°R 8	14°36	19°18	20° 3	M23
T 24	16 8 22	3°13'59	8♍53	20° 8	11°19	12°41	13°16	3° 5	5° 2	4°38	13°27	13° 8	14°33	19°25	20° 5	T 24
W25	16 12 19	4°11'31	20°55	22° 7	12°32	13°23	13°14	3°12	5° 5	4°38	13°26	13° 7	14°30	19°32	20° 6	W25
T 26	16 16 15	5° 9'03	2♎49	24° 8	13°45	14° 5	13°11	3°19	5° 8	4°39	13°25	13° 3	14°27	19°39	20° 8	T 26
F 27	16 20 12	6° 6'33	14°41	26°11	14°58	14°47	13° 9	3°26	5°11	4°39	13°24	12°59	14°24	19°45	20° 9	F 27
S 28	16 24 8	7° 4'01	26°34	28°15	16°11	15°28	13° 6	3°34	5°14	4°39	13°23	12°53	14°20	19°52	20°11	S 28
S 29	16 28 5	8° 1'29	8♏31	0♊21	17°24	16°10	13° 4	3°41	5°18	4°40	13°22	12°47	14°17	19°59	20°12	S 29
M30	16 32 1	8°58'56	20°35	2°29	18°37	16°52	13° 2	3°48	5°21	4°40	13°21	12°41	14°14	20° 6	20°13	M30
T 31	16 35 58	9♊56'21	2♐46	4♊38	19♉50	17♓33	13♎ 1	3♋55	5♉24	4♍41	13♑20	12♑36	14♑11	20♎12	20♓15	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	15n10	15s59	4s52	2n59	2s59	3n46	1s40	14s18	1s40	4s31	1n33	22n49	0s39	12n21	0s28	10n35	0n50	21s13	1n33	22s41	22s32	11s22	0s10	4n26
M 2	15 28	19 40	4 28	3 24	3 1	4 14	1 40	14 4	1 41	4 28	1 33	22 49	0 39	12 22	0 28	10 35	0 50	21 13	1 33	22 43	22 33	11 25	0 9	4 26
T 3	15 46	22 32	3 53	3 49	3 2	4 42	1 40	13 51	1 42	4 26	1 33	22 49	0 39	12 23	0 28	10 35	0 50	21 13	1 33	22 44	22 33	11 27	0 8	4 26
W 4	16 3	24 25	3 7	4 17	3 2	5 10	1 40	13 37	1 43	4 24	1 33	22 49	0 39	12 24	0 28	10 35	0 50	21 13	1 33	22 44	22 33	11 30	0 7	4 27
T 5	16 20	25 8	2 12	4 45	3 2	5 37	1 40	13 23	1 45	4 22	1 32	22 49	0 39	12 26	0 28	10 36	0 50	21 13	1 33	22 45	22 34	11 33	0 6	4 27
F 6	16 37	24 37	1 9	5 15	3 1	6 5	1 40	13 9	1 46	4 20	1 32	22 49	0 39	12 27	0 28	10 36	0 50	21 13	1 33	22 45	22 34	11 35	0 5	4 27
S 7	16 54	22 50	0 2	5 46	2 59	6 33	1 40	12 55	1 47	4 18	1 32	22 49	0 38	12 28	0 28	10 36	0 50	21 13	1 33	22 45	22 34	11 38	0 4	4 27
S 8	17 10	19 50	1n 7	6 19	2 57	7 0	1 40	12 41	1 48	4 16	1 32	22 50	0 38	12 29	0 28	10 36	0 50	21 13	1 33	22 45	22 35	11 40	0 3	4 27
M 9	17 26	15 46	2 13	6 52	2 54	7 27	1 39	12 27	1 49	4 14	1 32	22 50	0 38	12 30	0 28	10 36	0 50	21 14	1 33	22 45	22 35	11 43	0 2	4 27
T 10	17 42	10 48	3 14	7 26	2 51	7 55	1 39	12 12	1 50	4 12	1 31	22 50	0 38	12 31	0 28	10 36	0 50	21 14	1 33	22 45	22 36	11 45	0 1	4 28
W11	17 57	5 11	4 6	8 2	2 47	8 22	1 38	11 58	1 52	4 11	1 31	22 50	0 38	12 32	0 28	10 36	0 50	21 14	1 33	22 45	22 36	11 48	0n 0	4 28
T 12	18 13	0n51	4 44	8 38	2 43	8 48	1 38	11 43	1 53	4 9	1 31	22 50	0 38	12 34	0 28	10 36	0 50	21 14	1 33	22 46	22 36	11 51	0 1	4 28
F 13	18 28	6 58	5 4	9 15	2 38	9 15	1 37	11 29	1 54	4 7	1 31	22 50	0 38	12 35	0 28	10 36	0 50	21 14	1 33	22 46	22 37	11 53	0 2	4 28
S 14	18 42	12 48	5 4	9 54	2 32	9 42	1 36	11 14	1 55	4 6	1 31	22 50	0 38	12 36	0 28	10 36	0 50	21 14	1 33	22 47	22 37	11 56	0 3	4 28
S 15	18 56	17 56	4 44	10 32	2 26	10 8	1 36	11 0	1 56	4 4	1 30	22 50	0 37	12 37	0 28	10 36	0 50	21 14	1 33	22 48	22 37	11 58	0 4	4 28
M16	19 10	21 54	4 4	11 12	2 19	10 34	1 35	10 45	1 57	4 3	1 30	22 50	0 37	12 38	0 28	10 36	0 50	21 14	1 33	22 48	22 38	12 1	0 5	4 28
T 17	19 24	24 22	3 8	11 52	2 12	11 0	1 34	10 30	1 59	4 1	1 30	22 50	0 37	12 39	0 28	10 36	0 50	21 15	1 32	22 49	22 38	12 3	0 6	4 29
W18	19 37	25 6	2 0	12 32	2 5	11 25	1 33	10 15	2 0	4 0	1 30	22 50	0 37	12 40	0 28	10 36	0 50	21 15	1 32	22 49	22 38	12 6	0 7	4 29
T 19	19 50	24 11	0 47	13 13	1 57	11 51	1 32	10 1	2 1	3 59	1 30	22 50	0 37	12 41	0 28	10 36	0 49	21 15	1 32	22 50	22 39	12 8	0 8	4 29
F 20	20 3	21 48	0s27	13 54	1 49	12 16	1 31	9 46	2 2	3 57	1 29	22 50	0 37	12 42	0 28	10 36	0 49	21 15	1 32	22 50	22 39	12 11	0 9	4 29
S 21	20 15	18 19	1 37	14 35	1 40	12 41	1 30	9 31	2 3	3 56	1 29	22 50	0 37	12 43	0 28	10 36	0 49	21 15	1 32	22 49	22 39	12 13	0 10	4 29
S 22	20 27	14 3	2 40	15 17	1 31	13 5	1 28	9 16	2 5	3 55	1 29	22 50	0 37	12 44	0 28	10 36	0 49	21 15	1 32	22 49	22 40	12 16	0 11	4 30
M23	20 39	9 17	3 34	15 58	1 21	13 29	1 27	9 1	2 6	3 54	1 29	22 50	0 36	12 46	0 28	10 36	0 49	21 16	1 32	22 49	22 40	12 18	0 11	4 30
T 24	20 50	4 17	4 17	16 39	1 11	13 53	1 26	8 46	2 7	3 53	1 28	22 50	0 36	12 47	0 28	10 35	0 49	21 16	1 32	22 49	22 40	12 21	0 12	4 30
W25	21 1	0s48	4 47	17 20	1 1	14 17	1 24	8 31	2 8	3 53	1 28	22 50	0 36	12 48	0 28	10 35	0 49	21 16	1 32	22 49	22 41	12 23	0 13	4 30
T 26	21 11	5 47	5 5	18 1	0 51	14 40	1 23	8 15	2 9	3 52	1 28	22 50	0 36	12 49	0 28	10 35	0 49	21 16	1 32	22 50	22 41	12 26	0 14	4 30
F 27	21 21	10 33	5 10	18 40	0 40	15 3	1 21	8 0	2 10	3 51	1 28	22 50	0 36	12 50	0 28	10 35	0 49	21 16	1 32	22 50	22 41	12 28	0 14	4 30
S 28	21 31	14 56	5 2	19 19	0 29	15 26	1 20	7 45	2 11	3 50	1 27	22 49	0 36	12 51	0 28	10 35	0 49	21 16	1 32	22 51	22 42	12 31	0 15	4 31
S 29	21 40	18 46	4 40	19 57	0 19	15 48	1 18	7 30	2 13	3 50	1 27	22 49	0 36	12 52	0 28	10 35	0 49	21 17	1 32	22 51	22 42	12 33	0 16	4 31
M30	21 49	21 52	4 6	20 33	0 8	16 10	1 16	7 15	2 14	3 49	1 27	22 49	0 36	12 53	0 28	10 34	0 49	21 17	1 32	22 52	22 43	12 36	0 17	4 31
T 31	21n58	24s 0	3s20	21n 8	0n 3	16n31	1s15	6s59	2s15	3s49	1n27	22n49	0s36	12n54	0s28	10n34	0n49	21s17	1n32	22s52	22s43	12s38	0n17	4n31

Julian Day Number = 2366929.5, Delta T = 20.82 sec
Ecliptic obliquity = 23°28'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°30'21, Lahiri = 20°37'22Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1768
geocentric

JUNE 1768 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 39 55	10♊53'46	15♐ 8	6♊48	21♉ 3	18♓15	12°R59	4♋ 3	5♉26	4♍41	13°R19	12°R32	14♑ 8	20♎19	20♓16	W 1
T 2	16 43 51	11°51'09	27°39	8°59	22°16	18°57	12♎58	4°10	5°29	4°42	13♑17	12♑29	14° 4	20°26	20°17	T 2
F 3	16 47 48	12°48'32	10♑22	11°11	23°29	19°38	12°57	4°18	5°32	4°42	13°16	12°D28	14° 1	20°32	20°18	F 3
S 4	16 51 44	13°45'54	23°18	13°23	24°42	20°19	12°56	4°25	5°35	4°43	13°15	12°29	13°58	20°39	20°19	S 4
S 5	16 55 41	14°43'15	6♒27	15°35	25°55	21° 1	12°55	4°33	5°38	4°44	13°14	12°30	13°55	20°46	20°20	S 5
M 6	16 59 37	15°40'36	19°50	17°47	27° 8	21°42	12°54	4°40	5°41	4°44	13°12	12°32	13°52	20°53	20°21	M 6
T 7	17 3 34	16°37'56	3♓28	19°58	28°21	22°23	12°54	4°48	5°44	4°45	13°11	12°33	13°49	20°59	20°22	T 7
W 8	17 7 30	17°35'16	17°23	22° 9	29°34	23° 4	12°53	4°55	5°47	4°46	13°10	12°R33	13°45	21° 6	20°23	W 8
T 9	17 11 27	18°32'35	1♈32	24°19	0♊47	23°45	12°D53	5° 3	5°49	4°47	13° 8	12°33	13°42	21°13	20°24	T 9
F 10	17 15 24	19°29'54	15°55	26°27	2° 0	24°26	12°53	5°11	5°52	4°47	13° 7	12°31	13°39	21°19	20°24	F 10
S 11	17 19 20	20°27'13	0♉28	28°34	3°13	25° 6	12°54	5°18	5°55	4°48	13° 6	12°29	13°36	21°26	20°25	S 11
S 12	17 23 17	21°24'31	15° 7	0♋40	4°26	25°47	12°54	5°26	5°57	4°49	13° 4	12°26	13°33	21°33	20°26	S 12
M13	17 27 13	22°21'49	29°44	2°44	5°39	26°28	12°55	5°34	6° 0	4°50	13° 3	12°23	13°30	21°40	20°26	M13
T 14	17 31 10	23°19'06	14♊15	4°46	6°53	27° 8	12°56	5°41	6° 3	4°51	13° 2	12°21	13°26	21°46	20°27	T 14
W15	17 35 6	24°16'23	28°31	6°46	8° 6	27°49	12°57	5°49	6° 5	4°52	13° 0	12°20	13°23	21°53	20°27	W15
T 16	17 39 3	25°13'40	12♋29	8°45	9°19	28°29	12°58	5°57	6° 8	4°53	12°59	12°D20	13°20	22° 0	20°28	T 16
F 17	17 43 0	26°10'56	26° 6	10°41	10°32	29° 9	12°59	6° 4	6°10	4°54	12°58	12°20	13°17	22° 7	20°28	F 17
S 18	17 46 56	27° 8'11	9♌20	12°35	11°45	29°49	13° 1	6°12	6°13	4°55	12°56	12°21	13°14	22°13	20°28	S 18
S 19	17 50 53	28° 5'26	22°11	14°26	12°59	0♈29	13° 2	6°20	6°15	4°56	12°55	12°22	13°10	22°20	20°28	S 19
M20	17 54 49	29° 2'40	4♍44	16°16	14°12	1° 9	13° 4	6°28	6°18	4°57	12°53	12°23	13° 7	22°27	20°29	M20
T 21	17 58 46	29°59'53	17° 0	18° 3	15°25	1°48	13° 6	6°35	6°20	4°58	12°52	12°24	13° 4	22°33	20°29	T 21
W22	18 2 42	0♋57'06	29° 4	19°48	16°38	2°28	13° 8	6°43	6°22	5° 0	12°50	12°R24	13° 1	22°40	20°29	W22
T 23	18 6 39	1°54'18	11♎ 0	21°31	17°52	3° 7	13°11	6°51	6°25	5° 1	12°49	12°24	12°58	22°47	20°R29	T 23
F 24	18 10 35	2°51'30	22°53	23°12	19° 5	3°46	13°13	6°59	6°27	5° 2	12°48	12°24	12°55	22°54	20°29	F 24
S 25	18 14 32	3°48'41	4♏48	24°50	20°18	4°25	13°16	7° 7	6°29	5° 3	12°46	12°23	12°51	23° 0	20°29	S 25
S 26	18 18 28	4°45'52	16°47	26°26	21°31	5° 4	13°19	7°14	6°31	5° 4	12°45	12°22	12°48	23° 7	20°29	S 26
M27	18 22 25	5°43'03	28°56	28° 0	22°45	5°43	13°22	7°22	6°33	5° 6	12°43	12°21	12°45	23°14	20°28	M27
T 28	18 26 22	6°40'13	11♐16	29°32	23°58	6°22	13°25	7°30	6°35	5° 7	12°42	12°20	12°42	23°20	20°28	T 28
W29	18 30 18	7°37'24	23°50	1♌ 1	25°11	7° 1	13°29	7°38	6°38	5° 8	12°40	12°20	12°39	23°27	20°28	W29
T 30	18 34 15	8♋34'34	6♑39	2♌28	26♊25	7♈39	13♎32	7♋46	6♉40	5♍10	12♑39	12°D19	12♑36	23♎34	20♓27	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 6	25s 1	2s24	21n42	0n13	16n52	1s13	6s44	2s16	3s49	1n26	22n49	0s35	12n55	0s28	10n34	0n49	21s17	1n31	22s53	22s43	12s41	0n18	4n31
T 2	22 14	24 47	1 20	22 13	0 24	17 13	1 11	6 29	2 17	3 48	1 26	22 49	0 35	12 56	0 28	10 34	0 49	21 17	1 31	22 53	22 44	12 43	0 18	4 32
F 3	22 22	23 15	0 11	22 42	0 34	17 33	1 9	6 14	2 18	3 48	1 26	22 49	0 35	12 57	0 28	10 34	0 49	21 18	1 31	22 53	22 44	12 46	0 19	4 32
S 4	22 29	20 29	0n59	23 9	0 44	17 53	1 7	5 58	2 19	3 48	1 25	22 49	0 35	12 58	0 28	10 33	0 49	21 18	1 31	22 53	22 44	12 48	0 20	4 32
S 5	22 36	16 38	2 8	23 34	0 53	18 12	1 6	5 43	2 20	3 48	1 25	22 49	0 35	12 59	0 28	10 33	0 49	21 18	1 31	22 53	22 45	12 51	0 20	4 32
M 6	22 42	11 52	3 11	23 56	1 2	18 31	1 4	5 28	2 22	3 48	1 25	22 48	0 35	12 59	0 28	10 33	0 49	21 18	1 31	22 53	22 45	12 53	0 21	4 32
T 7	22 48	6 27	4 4	24 16	1 10	18 49	1 2	5 13	2 23	3 48	1 25	22 48	0 35	13 0	0 28	10 33	0 49	21 18	1 31	22 53	22 45	12 56	0 21	4 33
W 8	22 53	0 38	4 44	24 32	1 18	19 7	1 0	4 57	2 24	3 48	1 24	22 48	0 35	13 1	0 28	10 32	0 49	21 19	1 31	22 53	22 45	12 58	0 22	4 33
T 9	22 59	5n19	5 8	24 46	1 26	19 24	0 57	4 42	2 25	3 48	1 24	22 48	0 35	13 2	0 28	10 32	0 49	21 19	1 31	22 53	22 46	13 1	0 22	4 33
F 10	23 3	11 5	5 14	24 57	1 32	19 41	0 55	4 27	2 26	3 49	1 24	22 48	0 34	13 3	0 28	10 32	0 49	21 19	1 31	22 53	22 46	13 3	0 23	4 33
S 11	23 8	16 19	4 59	25 6	1 38	19 57	0 53	4 12	2 27	3 49	1 24	22 47	0 34	13 4	0 28	10 31	0 49	21 19	1 31	22 53	22 46	13 5	0 23	4 33
S 12	23 11	20 36	4 25	25 11	1 43	20 13	0 51	3 57	2 28	3 49	1 23	22 47	0 34	13 5	0 28	10 31	0 49	21 19	1 31	22 53	22 47	13 8	0 24	4 34
M13	23 15	23 36	3 33	25 14	1 47	20 29	0 49	3 41	2 29	3 50	1 23	22 47	0 34	13 6	0 28	10 31	0 49	21 20	1 31	22 53	22 47	13 10	0 24	4 34
T 14	23 18	25 0	2 29	25 14	1 51	20 43	0 47	3 26	2 30	3 50	1 23	22 47	0 34	13 7	0 28	10 30	0 49	21 20	1 30	22 54	22 47	13 13	0 24	4 34
W15	23 21	24 43	1 15	25 12	1 54	20 57	0 44	3 11	2 31	3 51	1 22	22 47	0 34	13 7	0 28	10 30	0 49	21 20	1 30	22 54	22 48	13 15	0 25	4 34
T 16	23 23	22 52	0s 1	25 7	1 56	21 11	0 42	2 56	2 32	3 52	1 22	22 46	0 34	13 8	0 28	10 30	0 49	21 20	1 30	22 54	22 48	13 18	0 25	4 34
F 17	23 25	19 43	1 15	25 0	1 58	21 24	0 40	2 41	2 34	3 53	1 22	22 46	0 34	13 9	0 28	10 29	0 49	21 20	1 30	22 54	22 48	13 20	0 25	4 35
S 18	23 26	15 38	2 24	24 50	1 58	21 36	0 37	2 26	2 35	3 53	1 22	22 46	0 34	13 10	0 28	10 29	0 49	21 21	1 30	22 54	22 49	13 22	0 26	4 35
S 19	23 27	10 56	3 23	24 39	1 58	21 48	0 35	2 11	2 36	3 54	1 21	22 46	0 34	13 11	0 28	10 28	0 49	21 21	1 30	22 54	22 49	13 25	0 26	4 35
M20	23 28	5 54	4 11	24 25	1 58	22 0	0 33	1 56	2 37	3 55	1 21	22 45	0 34	13 11	0 28	10 28	0 49	21 21	1 30	22 54	22 49	13 27	0 26	4 35
T 21	23 28	0 45	4 46	24 10	1 56	22 10	0 30	1 42	2 38	3 56	1 21	22 45	0 33	13 12	0 28	10 28	0 49	21 21	1 30	22 53	22 50	13 30	0 27	4 35
W22	23 28	4s20	5 8	23 53	1 54	22 20	0 28	1 27	2 39	3 57	1 21	22 45	0 33	13 13	0 28	10 27	0 49	21 22	1 30	22 53	22 50	13 32	0 27	4 35
T 23	23 27	9 12	5 16	23 35	1 51	22 30	0 25	1 12	2 40	3 59	1 20	22 44	0 33	13 14	0 28	10 27	0 49	21 22	1 30	22 53	22 50	13 34	0 27	4 36
F 24	23 26	13 43	5 11	23 15	1 48	22 38	0 23	0 57	2 41	4 0	1 20	22 44	0 33	13 14	0 28	10 26	0 49	21 22	1 30	22 53	22 51	13 37	0 27	4 36
S 25	23 25	17 43	4 53	22 53	1 44	22 46	0 21	0 43	2 42	4 1	1 20	22 44	0 33	13 15	0 28	10 26	0 49	21 22	1 29	22 54	22 51	13 39	0 27	4 36
S 26	23 23	21 3	4 21	22 31	1 39	22 54	0 18	0 28	2 43	4 3	1 20	22 43	0 33	13 16	0 28	10 25	0 49	21 23	1 29	22 54	22 51	13 42	0 27	4 36
M27	23 21	23 29	3 38	22 7	1 34	23 1	0 16	0 14	2 44	4 4	1 19	22 43	0 33	13 17	0 28	10 25	0 49	21 23	1 29	22 54	22 51	13 44	0 27	4 36
T 28	23 18	24 52	2 44	21 43	1 28	23 7	0 13	0n 1	2 45	4 5	1 19	22 43	0 33	13 17	0 28	10 24	0 49	21 23	1 29	22 54	22 52	13 46	0 28	4 37
W29	23 15	25 0	1 41	21 17	1 22	23 12	0 11	0 15	2 46	4 7	1 19	22 42	0 33	13 18	0 28	10 24	0 49	21 23	1 29	22 54	22 52	13 49	0 28	4 37
T 30	23n12	23s50	0s31	20n51	1n15	23n17	0s 8	0n29	2s46	4s 9	1n18	22n42	0s33	13n19	0s28	10n23	0n49	21s23	1n29	22s54	22s52	13s51	0n28	4n37

Julian Day Number = 2366960.5, Delta T = 20.84 sec
Ecliptic obliquity = 23°28'12, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°30'25, Lahiri = 20°37'26Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1768
geocentric

JULY 1768

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 38 11	9♋31'44	19♑42	3♌52	27♊38	8♈17	13♎36	7♋53	6♉42	5♍11	12°R37	12♑19	12♑32	23♎41	20°R27	F 1
S 2	18 42 8	10°28'54	3♒ 1	5°15	28°52	8°55	13°40	8° 1	6°43	5°13	12♑36	12°20	12°29	23°47	20♓27	S 2
S 3	18 46 4	11°26'05	16°33	6°34	0♋ 5	9°33	13°44	8° 9	6°45	5°14	12°34	12°20	12°26	23°54	20°26	S 3
M 4	18 50 1	12°23'15	0♓18	7°52	1°19	10°11	13°48	8°17	6°47	5°16	12°33	12°R20	12°23	24° 1	20°25	M 4
T 5	18 53 58	13°20'26	14°14	9° 6	2°32	10°49	13°53	8°25	6°49	5°17	12°31	12°20	12°20	24° 8	20°25	T 5
W 6	18 57 54	14°17'37	28°18	10°19	3°46	11°26	13°57	8°32	6°51	5°19	12°30	12°20	12°16	24°14	20°24	W 6
T 7	19 1 51	15°14'49	12♈29	11°28	4°59	12° 3	14° 2	8°40	6°53	5°20	12°28	12°D19	12°13	24°21	20°23	T 7
F 8	19 5 47	16°12'01	26°43	12°35	6°13	12°41	14° 7	8°48	6°54	5°22	12°27	12°20	12°10	24°28	20°23	F 8
S 9	19 9 44	17° 9'14	11♉ 0	13°39	7°26	13°17	14°12	8°56	6°56	5°23	12°25	12°20	12° 7	24°34	20°22	S 9
S 10	19 13 40	18° 6'27	25°15	14°40	8°40	13°54	14°17	9° 4	6°58	5°25	12°24	12°20	12° 4	24°41	20°21	S 10
M11	19 17 37	19° 3'41	9♊26	15°38	9°53	14°31	14°22	9°11	6°59	5°27	12°22	12°21	12° 1	24°48	20°20	M11
T 12	19 21 33	20° 0'56	23°28	16°34	11° 7	15° 7	14°27	9°19	7° 1	5°28	12°21	12°21	11°57	24°55	20°19	T 12
W13	19 25 30	20°58'11	7♋20	17°26	12°21	15°43	14°33	9°27	7° 2	5°30	12°19	12°R22	11°54	25° 1	20°18	W13
T 14	19 29 27	21°55'27	20°58	18°14	13°34	16°19	14°39	9°34	7° 4	5°32	12°18	12°22	11°51	25° 8	20°17	T 14
F 15	19 33 23	22°52'43	4♌19	18°59	14°48	16°54	14°45	9°42	7° 5	5°33	12°17	12°21	11°48	25°15	20°16	F 15
S 16	19 37 20	23°49'59	17°24	19°41	16° 2	17°30	14°51	9°50	7° 6	5°35	12°15	12°20	11°45	25°21	20°14	S 16
S 17	19 41 16	24°47'16	0♍10	20°18	17°15	18° 5	14°57	9°58	7° 8	5°37	12°14	12°18	11°42	25°28	20°13	S 17
M18	19 45 13	25°44'33	12°40	20°52	18°29	18°40	15° 3	10° 5	7° 9	5°39	12°12	12°17	11°38	25°35	20°12	M18
T 19	19 49 9	26°41'50	24°56	21°22	19°43	19°15	15°10	10°13	7°10	5°40	12°11	12°15	11°35	25°42	20°10	T 19
W20	19 53 6	27°39'08	7♎ 0	21°47	20°57	19°49	15°16	10°20	7°11	5°42	12° 9	12°13	11°32	25°48	20° 9	W20
T 21	19 57 2	28°36'26	18°57	22° 8	22°10	20°23	15°23	10°28	7°12	5°44	12° 8	12°12	11°29	25°55	20° 8	T 21
F 22	20 0 59	29°33'45	0♏50	22°25	23°24	20°57	15°30	10°35	7°13	5°46	12° 7	12°D12	11°26	26° 2	20° 6	F 22
S 23	20 4 56	0♌31'04	12°44	22°37	24°38	21°31	15°37	10°43	7°14	5°48	12° 5	12°12	11°22	26° 9	20° 5	S 23
S 24	20 8 52	1°28'23	24°45	22°43	25°52	22° 4	15°44	10°50	7°15	5°50	12° 4	12°13	11°19	26°15	20° 3	S 24
M25	20 12 49	2°25'43	6♐56	22°R45	27° 6	22°37	15°51	10°58	7°16	5°52	12° 2	12°15	11°16	26°22	20° 1	M25
T 26	20 16 45	3°23'04	19°21	22°42	28°20	23°10	15°59	11° 5	7°17	5°54	12° 1	12°16	11°13	26°29	20° 0	T 26
W27	20 20 42	4°20'25	2♑ 4	22°34	29°33	23°42	16° 6	11°13	7°18	5°56	12° 0	12°17	11°10	26°35	19°58	W27
T 28	20 24 38	5°17'47	15° 6	22°20	0♌47	24°15	16°14	11°20	7°19	5°58	11°58	12°R18	11° 7	26°42	19°56	T 28
F 29	20 28 35	6°15'10	28°29	22° 1	2° 1	24°47	16°21	11°28	7°19	6° 0	11°57	12°17	11° 3	26°49	19°54	F 29
S 30	20 32 31	7°12'33	12♒12	21°38	3°15	25°18	16°29	11°35	7°20	6° 1	11°56	12°15	11° 0	26°56	19°52	S 30
S 31	20 36 28	8♌ 9'58	26♒11	21♌ 9	4♌29	25♈49	16♎37	11♋42	7♉21	6♍ 4	11♑54	12♑12	10♑57	27♎ 2	19♓51	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	23n 8	21s21	0n41	20n24	1n 7	23n21	0s 6	0n44	2s47	4s10	1n18	22n42	0s33	13n19	0s28	10n23	0n49	21s24	1n29	22s54	22s53	13s53	0n28	4n37
S 2	23 3	17 41	1 52	19 57	0 59	23 24	0 3	0 58	2 48	4 12	1 18	22 41	0 32	13 20	0 28	10 22	0 49	21 24	1 29	22 54	22 53	13 56	0 28	4 37
S 3	22 59	13 3	2 59	19 29	0 51	23 27	0 1	1 12	2 49	4 14	1 18	22 41	0 32	13 20	0 28	10 22	0 49	21 24	1 29	22 54	22 53	13 58	0 28	4 38
M 4	22 54	7 42	3 56	19 0	0 42	23 29	0n 1	1 26	2 50	4 16	1 17	22 40	0 32	13 21	0 28	10 21	0 49	21 24	1 29	22 54	22 54	14 0	0 28	4 38
T 5	22 48	1 55	4 40	18 32	0 33	23 31	0 4	1 40	2 51	4 18	1 17	22 40	0 32	13 22	0 28	10 20	0 49	21 25	1 29	22 54	22 54	14 3	0 27	4 38
W 6	22 42	4n 1	5 7	18 3	0 23	23 31	0 6	1 53	2 52	4 20	1 17	22 40	0 32	13 22	0 28	10 20	0 49	21 25	1 28	22 54	22 54	14 5	0 27	4 38
T 7	22 36	9 48	5 17	17 34	0 13	23 31	0 9	2 7	2 53	4 22	1 17	22 39	0 32	13 23	0 28	10 19	0 49	21 25	1 28	22 54	22 54	14 7	0 27	4 38
F 8	22 29	15 5	5 7	17 5	0 2	23 31	0 11	2 21	2 54	4 24	1 16	22 39	0 32	13 23	0 28	10 19	0 49	21 25	1 28	22 54	22 55	14 10	0 27	4 39
S 9	22 22	19 33	4 38	16 36	0s 9	23 29	0 14	2 34	2 55	4 26	1 16	22 38	0 32	13 24	0 29	10 18	0 49	21 26	1 28	22 54	22 55	14 12	0 27	4 39
S 10	22 15	22 51	3 52	16 8	0 20	23 27	0 16	2 48	2 55	4 28	1 16	22 38	0 32	13 24	0 29	10 18	0 49	21 26	1 28	22 54	22 55	14 14	0 27	4 39
M11	22 7	24 44	2 52	15 39	0 32	23 24	0 18	3 1	2 56	4 31	1 16	22 37	0 32	13 25	0 29	10 17	0 49	21 26	1 28	22 54	22 56	14 17	0 27	4 39
T 12	21 59	25 1	1 43	15 11	0 44	23 21	0 21	3 14	2 57	4 33	1 15	22 37	0 32	13 25	0 29	10 16	0 49	21 26	1 28	22 54	22 56	14 19	0 26	4 39
W13	21 50	23 44	0 28	14 44	0 57	23 17	0 23	3 27	2 58	4 35	1 15	22 36	0 32	13 26	0 29	10 16	0 49	21 27	1 28	22 54	22 56	14 21	0 26	4 39
T 14	21 41	21 3	0s47	14 17	1 9	23 12	0 25	3 40	2 59	4 38	1 15	22 36	0 32	13 26	0 29	10 15	0 49	21 27	1 28	22 54	22 56	14 24	0 26	4 40
F 15	21 32	17 17	1 59	13 51	1 22	23 6	0 28	3 53	2 59	4 40	1 15	22 36	0 31	13 27	0 29	10 14	0 49	21 27	1 27	22 54	22 57	14 26	0 25	4 40
S 16	21 22	12 45	3 2	13 26	1 35	23 0	0 30	4 6	3 0	4 43	1 14	22 35	0 31	13 27	0 29	10 14	0 49	21 27	1 27	22 54	22 57	14 28	0 25	4 40
S 17	21 12	7 46	3 54	13 1	1 48	22 53	0 32	4 19	3 1	4 45	1 14	22 35	0 31	13 28	0 29	10 13	0 49	21 28	1 27	22 54	22 57	14 31	0 25	4 40
M18	21 1	2 35	4 35	12 38	2 2	22 45	0 34	4 31	3 2	4 48	1 14	22 34	0 31	13 28	0 29	10 12	0 49	21 28	1 27	22 54	22 58	14 33	0 24	4 40
T 19	20 51	2s36	5 1	12 16	2 15	22 37	0 36	4 44	3 3	4 51	1 14	22 34	0 31	13 28	0 29	10 12	0 49	21 28	1 27	22 54	22 58	14 35	0 24	4 40
W20	20 39	7 35	5 14	11 55	2 29	22 28	0 38	4 56	3 3	4 53	1 14	22 33	0 31	13 29	0 29	10 11	0 49	21 28	1 27	22 54	22 58	14 37	0 24	4 41
T 21	20 28	12 15	5 13	11 35	2 42	22 19	0 41	5 8	3 4	4 56	1 13	22 32	0 31	13 29	0 29	10 10	0 49	21 28	1 27	22 55	22 58	14 40	0 23	4 41
F 22	20 16	16 27	4 59	11 17	2 56	22 8	0 43	5 20	3 5	4 59	1 13	22 32	0 31	13 29	0 29	10 10	0 49	21 29	1 27	22 55	22 59	14 42	0 23	4 41
S 23	20 4	20 0	4 32	11 1	3 9	21 57	0 45	5 32	3 5	5 2	1 13	22 31	0 31	13 30	0 29	10 9	0 49	21 29	1 27	22 55	22 59	14 44	0 22	4 41
S 24	19 51	22 44	3 53	10 47	3 22	21 46	0 47	5 44	3 6	5 5	1 13	22 31	0 31	13 30	0 29	10 8	0 49	21 29	1 26	22 54	22 59	14 46	0 22	4 41
M25	19 39	24 30	3 3	10 34	3 34	21 34	0 49	5 55	3 7	5 8	1 12	22 30	0 31	13 30	0 29	10 8	0 49	21 29	1 26	22 54	22 59	14 49	0 21	4 41
T 26	19 25	25 5	2 3	10 24	3 46	21 21	0 51	6 7	3 7	5 11	1 12	22 30	0 31	13 30	0 29	10 7	0 49	21 30	1 26	22 54	23 0	14 51	0 21	4 41
W27	19 12	24 23	0 56	10 16	3 58	21 7	0 52	6 18	3 8	5 14	1 12	22 29	0 31	13 31	0 29	10 6	0 49	21 30	1 26	22 54	23 0	14 53	0 20	4 42
T 28	18 58	22 21	0n15	10 10	4 8	20 53	0 54	6 29	3 9	5 17	1 12	22 29	0 31	13 31	0 29	10 5	0 49	21 30	1 26	22 54	23 0	14 55	0 20	4 42
F 29	18 44	19 3	1 28	10 7	4 18	20 39	0 56	6 40	3 9	5 20	1 12	22 28	0 30	13 31	0 29	10 5	0 49	21 30	1 26	22 54	23 1	14 58	0 19	4 42
S 30	18 30	14 39	2 37	10 6	4 27	20 23	0 58	6 51	3 10	5 24	1 11	22 28	0 30	13 31	0 29	10 4	0 49	21 31	1 26	22 54	23 1	15 0	0 18	4 42
S 31	18n15	9s23	3n38	10n 7	4s35	20n 8	1n 0	7n 2	3s10	5s27	1n11	22n27	0s30	13n32	0s29	10n 3	0n49	21s31	1n26	22s55	23s 1	15s 2	0n18	4n42

Julian Day Number = 2366990.5, Delta T = 20.85 sec
Ecliptic obliquity = 23°28'11, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°30'29, Lahiri = 20°37'30Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1768
geocentric

AUGUST 1768

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 40 25	9♌ 7'23	10♓23	20°R36	5♌43	26♈20	16♎45	11♋49	7♉21	6♍ 6	11°R53	12°R 8	10♑54	27♎ 9	19°R49	M 1
T 2	20 44 21	10° 4'50	24°44	19♌59	6°57	26°51	16°54	11°57	7°22	6° 8	11♑52	12♑ 4	10°51	27°16	19♓47	T 2
W 3	20 48 18	11° 2'18	9♈ 8	19°19	8°11	27°21	17° 2	12° 4	7°22	6°10	11°51	12° 1	10°48	27°22	19°45	W 3
T 4	20 52 14	11°59'47	23°31	18°35	9°25	27°51	17°10	12°11	7°23	6°12	11°49	11°59	10°44	27°29	19°43	T 4
F 5	20 56 11	12°57'17	7♉48	17°49	10°39	28°21	17°19	12°18	7°23	6°14	11°48	11°D58	10°41	27°36	19°40	F 5
S 6	21 0 7	13°54'49	21°57	17° 1	11°53	28°50	17°28	12°25	7°24	6°16	11°47	11°58	10°38	27°43	19°38	S 6
S 7	21 4 4	14°52'23	5♊56	16°12	13° 8	29°19	17°36	12°32	7°24	6°18	11°46	11°59	10°35	27°49	19°36	S 7
M 8	21 8 0	15°49'58	19°44	15°24	14°22	29°47	17°45	12°39	7°24	6°20	11°45	12° 0	10°32	27°56	19°34	M 8
T 9	21 11 57	16°47'34	3♋22	14°36	15°36	0♉15	17°54	12°46	7°24	6°22	11°43	12° 1	10°28	28° 3	19°32	T 9
W10	21 15 54	17°45'12	16°48	13°51	16°50	0°43	18° 3	12°53	7°24	6°24	11°42	12°R 2	10°25	28° 9	19°29	W10
T 11	21 19 50	18°42'51	0♌ 2	13° 8	18° 4	1°10	18°13	13° 0	7°24	6°26	11°41	12° 0	10°22	28°16	19°27	T 11
F 12	21 23 47	19°40'32	13° 3	12°29	19°18	1°37	18°22	13° 7	7°R24	6°29	11°40	11°57	10°19	28°23	19°25	F 12
S 13	21 27 43	20°38'14	25°51	11°55	20°33	2° 3	18°31	13°14	7°24	6°31	11°39	11°52	10°16	28°30	19°22	S 13
S 14	21 31 40	21°35'57	8♍27	11°26	21°47	2°29	18°41	13°20	7°24	6°33	11°38	11°46	10°13	28°36	19°20	S 14
M15	21 35 36	22°33'41	20°49	11° 3	23° 1	2°55	18°51	13°27	7°24	6°35	11°37	11°38	10° 9	28°43	19°18	M15
T 16	21 39 33	23°31'26	3♎ 1	10°47	24°15	3°20	19° 0	13°34	7°24	6°37	11°36	11°31	10° 6	28°50	19°15	T 16
W17	21 43 29	24°29'13	15° 2	10°38	25°30	3°44	19°10	13°40	7°24	6°39	11°35	11°24	10° 3	28°56	19°13	W17
T 18	21 47 26	25°27'01	26°57	10°D36	26°44	4° 8	19°20	13°47	7°24	6°42	11°34	11°19	10° 0	29° 3	19°10	T 18
F 19	21 51 23	26°24'50	8♏49	10°41	27°58	4°32	19°30	13°53	7°23	6°44	11°33	11°15	9°57	29°10	19° 8	F 19
S 20	21 55 19	27°22'41	20°41	10°55	29°13	4°54	19°40	14° 0	7°23	6°46	11°32	11°13	9°54	29°17	19° 5	S 20
S 21	21 59 16	28°20'32	2♐39	11°16	0♍27	5°17	19°50	14° 6	7°23	6°48	11°31	11°D13	9°50	29°23	19° 3	S 21
M22	22 3 12	29°18'25	14°49	11°45	1°41	5°39	20° 0	14°12	7°22	6°50	11°30	11°14	9°47	29°30	19° 0	M22
T 23	22 7 9	0♍16'20	27°14	12°22	2°56	6° 0	20°11	14°19	7°22	6°53	11°29	11°15	9°44	29°37	18°57	T 23
W24	22 11 5	1°14'15	9♑59	13° 7	4°10	6°21	20°21	14°25	7°21	6°55	11°28	11°R16	9°41	29°43	18°55	W24
T 25	22 15 2	2°12'12	23° 8	13°59	5°24	6°41	20°32	14°31	7°20	6°57	11°28	11°16	9°38	29°50	18°52	T 25
F 26	22 18 58	3°10'11	6♒43	14°58	6°39	7° 1	20°42	14°37	7°20	6°59	11°27	11°13	9°34	29°57	18°49	F 26
S 27	22 22 55	4° 8'10	20°43	16° 4	7°53	7°20	20°53	14°43	7°19	7° 1	11°26	11° 8	9°31	0♏ 4	18°47	S 27
S 28	22 26 52	5° 6'12	5♓ 5	17°17	9° 7	7°38	21° 4	14°49	7°18	7° 4	11°25	11° 1	9°28	0°10	18°44	S 28
M29	22 30 48	6° 4'14	19°44	18°35	10°22	7°56	21°15	14°55	7°18	7° 6	11°25	10°53	9°25	0°17	18°41	M29
T 30	22 34 45	7° 2'19	4♈32	19°59	11°36	8°14	21°26	15° 1	7°17	7° 8	11°24	10°45	9°22	0°24	18°38	T 30
W31	22 38 41	8♍ 0'25	19♈21	21♌28	12♍51	8♉30	21♎37	15♋ 6	7♉16	7♍10	11♑23	10♑37	9♑19	0♏30	18♓36	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	18n 0	3s34	4n26	10n11	4s41	19n51	1n 1	7n13	3s11	5s30	1n11	22n26	0s30	13n32	0s29	10n 2	0n49	21s31	1n26	22s55	23s 1	15s 4	0n17	4n42
T 2	17 45	2n28	4 59	10 18	4 47	19 34	1 3	7 23	3 11	5 33	1 11	22 26	0 30	13 32	0 29	10 2	0 49	21 31	1 25	22 55	23 2	15 7	0 16	4 42
W 3	17 29	8 24	5 12	10 27	4 50	19 17	1 4	7 34	3 12	5 37	1 10	22 25	0 30	13 32	0 29	10 1	0 49	21 32	1 25	22 56	23 2	15 9	0 16	4 42
T 4	17 13	13 53	5 6	10 38	4 52	18 59	1 6	7 44	3 12	5 40	1 10	22 25	0 30	13 32	0 29	10 0	0 49	21 32	1 25	22 56	23 2	15 11	0 15	4 43
F 5	16 57	18 34	4 42	10 52	4 52	18 40	1 7	7 54	3 13	5 44	1 10	22 24	0 30	13 32	0 29	9 59	0 49	21 32	1 25	22 56	23 2	15 13	0 14	4 43
S 6	16 40	22 8	4 0	11 8	4 51	18 21	1 9	8 4	3 13	5 47	1 10	22 23	0 30	13 32	0 29	9 59	0 49	21 32	1 25	22 56	23 3	15 16	0 14	4 43
S 7	16 24	24 21	3 4	11 26	4 47	18 1	1 10	8 13	3 14	5 51	1 10	22 23	0 30	13 32	0 29	9 58	0 49	21 32	1 25	22 56	23 3	15 18	0 13	4 43
M 8	16 7	25 3	1 59	11 45	4 42	17 41	1 11	8 23	3 14	5 54	1 9	22 22	0 30	13 32	0 29	9 57	0 49	21 33	1 25	22 56	23 3	15 20	0 12	4 43
T 9	15 49	24 13	0 47	12 5	4 35	17 20	1 13	8 32	3 14	5 58	1 9	22 22	0 30	13 33	0 29	9 56	0 49	21 33	1 25	22 56	23 3	15 22	0 11	4 43
W10	15 32	21 59	0s26	12 27	4 26	16 59	1 14	8 42	3 15	6 2	1 9	22 21	0 30	13 33	0 29	9 56	0 49	21 33	1 24	22 56	23 4	15 24	0 11	4 43
T 11	15 14	18 36	1 36	12 49	4 15	16 37	1 15	8 51	3 15	6 5	1 9	22 20	0 30	13 33	0 29	9 55	0 49	21 33	1 24	22 56	23 4	15 26	0 10	4 43
F 12	14 56	14 21	2 41	13 11	4 3	16 15	1 16	9 0	3 16	6 9	1 9	22 20	0 30	13 33	0 29	9 54	0 49	21 34	1 24	22 56	23 4	15 29	0 9	4 43
S 13	14 38	9 32	3 35	13 34	3 50	15 53	1 17	9 8	3 16	6 13	1 9	22 19	0 30	13 33	0 29	9 53	0 49	21 34	1 24	22 56	23 4	15 31	0 8	4 43
S 14	14 19	4 25	4 19	13 56	3 35	15 30	1 18	9 17	3 16	6 17	1 8	22 19	0 29	13 33	0 29	9 52	0 49	21 34	1 24	22 57	23 5	15 33	0 7	4 43
M15	14 1	0s47	4 49	14 17	3 19	15 6	1 19	9 25	3 16	6 20	1 8	22 18	0 29	13 32	0 29	9 52	0 49	21 34	1 24	22 58	23 5	15 35	0 6	4 43
T 16	13 42	5 52	5 5	14 37	3 3	14 42	1 20	9 33	3 17	6 24	1 8	22 17	0 29	13 32	0 29	9 51	0 49	21 34	1 24	22 58	23 5	15 37	0 5	4 44
W17	13 23	10 40	5 8	14 56	2 45	14 18	1 21	9 41	3 17	6 28	1 8	22 17	0 29	13 32	0 29	9 50	0 49	21 35	1 24	22 59	23 5	15 39	0 4	4 44
T 18	13 3	15 1	4 57	15 14	2 28	13 54	1 21	9 49	3 17	6 32	1 8	22 16	0 29	13 32	0 29	9 49	0 49	21 35	1 23	22 59	23 6	15 42	0 3	4 44
F 19	12 44	18 46	4 34	15 30	2 10	13 29	1 22	9 57	3 17	6 36	1 7	22 16	0 29	13 32	0 29	9 48	0 49	21 35	1 23	23 0	23 6	15 44	0 3	4 44
S 20	12 24	21 47	3 59	15 43	1 52	13 3	1 23	10 4	3 17	6 40	1 7	22 15	0 29	13 32	0 29	9 47	0 49	21 35	1 23	23 0	23 6	15 46	0 2	4 44
S 21	12 4	23 52	3 13	15 55	1 34	12 37	1 23	10 12	3 17	6 44	1 7	22 14	0 29	13 32	0 29	9 47	0 49	21 35	1 23	23 0	23 6	15 48	0 1	4 44
M22	11 44	24 53	2 18	16 4	1 16	12 11	1 24	10 19	3 17	6 48	1 7	22 14	0 29	13 32	0 29	9 46	0 49	21 36	1 23	23 0	23 7	15 50	0s 0	4 44
T 23	11 23	24 41	1 15	16 10	0 59	11 45	1 24	10 26	3 17	6 52	1 7	22 13	0 29	13 31	0 29	9 45	0 49	21 36	1 23	23 0	23 7	15 52	0 1	4 44
W24	11 3	23 13	0 7	16 14	0 42	11 18	1 24	10 33	3 18	6 56	1 7	22 13	0 29	13 31	0 29	9 44	0 49	21 36	1 23	22 59	23 7	15 54	0 2	4 44
T 25	10 42	20 27	1n 3	16 14	0 26	10 51	1 25	10 39	3 17	7 0	1 6	22 12	0 29	13 31	0 29	9 43	0 49	21 36	1 22	23 0	23 7	15 57	0 3	4 44
F 26	10 21	16 29	2 12	16 12	0 10	10 24	1 25	10 46	3 17	7 4	1 6	22 11	0 29	13 31	0 29	9 43	0 49	21 37	1 22	23 0	23 7	15 59	0 4	4 44
S 27	10 0	11 31	3 15	16 7	0n 4	9 56	1 25	10 52	3 17	7 8	1 6	22 11	0 29	13 31	0 29	9 42	0 49	21 37	1 22	23 0	23 8	16 1	0 6	4 44
S 28	9 39	5 49	4 8	15 58	0 18	9 28	1 25	10 58	3 17	7 13	1 6	22 10	0 29	13 30	0 29	9 41	0 49	21 37	1 22	23 1	23 8	16 3	0 7	4 44
M29	9 18	0n17	4 45	15 46	0 31	9 0	1 25	11 4	3 17	7 17	1 6	22 10	0 29	13 30	0 29	9 40	0 49	21 37	1 22	23 1	23 8	16 5	0 8	4 44
T 30	8 56	6 26	5 3	15 31	0 43	8 32	1 25	11 10	3 17	7 21	1 6	22 9	0 29	13 30	0 29	9 39	0 49	21 37	1 22	23 2	23 8	16 7	0 9	4 44
W31	8n35	12n14	5n 1	15n13	0n54	8n 3	1n25	11n15	3s17	7s25	1n 6	22n 8	0s29	13n29	0s29	9n39	0n49	21s37	1n22	23s 3	23s 9	16s 9	0s10	4n44

Julian Day Number = 2367021.5, Delta T = 20.87 sec
Ecliptic obliquity = 23°28'12, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°30'34, Lahiri = 20°37'34Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1768
geocentric

SEPTEMBER 1768 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 42 38	8♍58'34	4♉ 3	23♌ 2	14♍ 5	8♉46	21♎48	15♋12	7°R15	7♍13	11°R23	10°R30	9♂15	0♏37	18°R33	T 1
F 2	22 46 34	9°56'44	18°33	24°40	15°20	9° 1	21°59	15°18	7♉14	7°15	11♂22	10♂26	9°12	0°44	18♓30	F 2
S 3	22 50 31	10°54'57	2♊45	26°21	16°34	9°16	22°10	15°23	7°13	7°17	11°21	10°24	9° 9	0°51	18°27	S 3
S 4	22 54 27	11°53'12	16°40	28° 5	17°49	9°30	22°21	15°29	7°12	7°19	11°21	10°D24	9° 6	0°57	18°24	S 4
M 5	22 58 24	12°51'29	0♋17	29°52	19° 3	9°43	22°33	15°34	7°11	7°21	11°20	10°25	9° 3	1° 4	18°22	M 5
T 6	23 2 21	13°49'48	13°37	1♍41	20°18	9°55	22°44	15°39	7°10	7°24	11°20	10°R25	9° 0	1°11	18°19	T 6
W 7	23 6 17	14°48'08	26°43	3°32	21°32	10° 7	22°55	15°45	7° 8	7°26	11°19	10°24	8°56	1°17	18°16	W 7
T 8	23 10 14	15°46'31	9♌35	5°23	22°47	10°18	23° 7	15°50	7° 7	7°28	11°19	10°20	8°53	1°24	18°13	T 8
F 9	23 14 10	16°44'56	22°17	7°16	24° 1	10°28	23°19	15°55	7° 6	7°30	11°19	10°14	8°50	1°31	18°10	F 9
S 10	23 18 7	17°43'23	4♍48	9° 9	25°16	10°37	23°30	16° 0	7° 4	7°33	11°18	10° 5	8°47	1°38	18° 8	S 10
S 11	23 22 3	18°41'52	17°10	11° 3	26°30	10°46	23°42	16° 5	7° 3	7°35	11°18	9°54	8°44	1°44	18° 5	S 11
M12	23 26 0	19°40'23	29°22	12°56	27°45	10°54	23°54	16°10	7° 2	7°37	11°17	9°41	8°40	1°51	18° 2	M12
T 13	23 29 56	20°38'55	11♎26	14°50	29° 0	11° 1	24° 6	16°15	7° 0	7°39	11°17	9°28	8°37	1°58	17°59	T 13
W14	23 33 53	21°37'30	23°23	16°43	0♎14	11° 7	24°18	16°19	6°59	7°41	11°17	9°16	8°34	2° 4	17°56	W14
T 15	23 37 49	22°36'06	5♏15	18°35	1°29	11°12	24°30	16°24	6°57	7°43	11°17	9° 6	8°31	2°11	17°53	T 15
F 16	23 41 46	23°34'44	17° 5	20°27	2°43	11°16	24°42	16°29	6°56	7°46	11°16	8°58	8°28	2°18	17°51	F 16
S 17	23 45 43	24°33'24	28°55	22°19	3°58	11°20	24°54	16°33	6°54	7°48	11°16	8°53	8°25	2°25	17°48	S 17
S 18	23 49 39	25°32'05	10♐51	24° 9	5°13	11°22	25° 6	16°37	6°52	7°50	11°16	8°50	8°21	2°31	17°45	S 18
M19	23 53 36	26°30'49	22°57	25°59	6°27	11°24	25°18	16°42	6°51	7°52	11°16	8°D49	8°18	2°38	17°42	M19
T 20	23 57 32	27°29'34	5♑18	27°48	7°42	11°25	25°30	16°46	6°49	7°54	11°16	8°R49	8°15	2°45	17°39	T 20
W21	0 1 29	28°28'21	18° 0	29°36	8°56	11°R25	25°42	16°50	6°47	7°56	11°16	8°49	8°12	2°51	17°37	W21
T 22	0 5 25	29°27'09	1♒23	1♎23	10°11	11°24	25°55	16°54	6°45	7°58	11°16	8°47	8° 9	2°58	17°34	T 22
F 23	0 9 22	0♎25'59	14°42	3° 9	11°26	11°23	26° 7	16°58	6°44	8° 1	11°D16	8°43	8° 5	3° 5	17°31	F 23
S 24	0 13 18	1°24'51	28°47	4°54	12°40	11°20	26°19	17° 2	6°42	8° 3	11°16	8°37	8° 2	3°12	17°28	S 24
S 25	0 17 15	2°23'45	13♓20	6°39	13°55	11°16	26°32	17° 6	6°40	8° 5	11°16	8°28	7°59	3°18	17°26	S 25
M26	0 21 12	3°22'41	28°15	8°22	15°10	11°12	26°44	17° 9	6°38	8° 7	11°16	8°17	7°56	3°25	17°23	M26
T 27	0 25 8	4°21'38	13♈24	10° 5	16°24	11° 7	26°57	17°13	6°36	8° 9	11°16	8° 6	7°53	3°32	17°20	T 27
W28	0 29 5	5°20'38	28°35	11°47	17°39	11° 1	27° 9	17°16	6°34	8°11	11°16	7°55	7°50	3°38	17°18	W28
T 29	0 33 1	6°19'40	13♉39	13°27	18°53	10°54	27°22	17°20	6°32	8°13	11°16	7°47	7°46	3°45	17°15	T 29
F 30	0 36 58	7♎18'44	28♉27	15♎ 7	20♎ 8	10♉46	27♎35	17♋23	6♉30	8♍15	11♂16	7♂41	7♂43	3♏52	17♓13	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	8n13	17n16	4n40	14n52	1n 4	7n34	1n25	11n20	3s16	7s30	1n 5	22n 8	0s29	13n29	0s29	9n38	0n49	21s38	1n22	23s 3	23s 9	16s11	0s11	4n44
F 2	7 51	21 13	4 0	14 28	1 13	7 5	1 24	11 25	3 16	7 34	1 5	22 7	0 28	13 29	0 29	9 37	0 49	21 38	1 21	23 4	23 9	16 13	0 12	4 44
S 3	7 29	23 47	3 7	14 1	1 21	6 36	1 24	11 30	3 16	7 38	1 5	22 7	0 28	13 28	0 29	9 36	0 49	21 38	1 21	23 4	23 9	16 15	0 13	4 44
S 4	7 7	24 51	2 3	13 31	1 28	6 6	1 24	11 35	3 15	7 42	1 5	22 6	0 28	13 28	0 29	9 35	0 49	21 38	1 21	23 4	23 9	16 18	0 14	4 44
M 5	6 44	24 22	0 54	12 59	1 33	5 37	1 23	11 40	3 15	7 47	1 5	22 5	0 28	13 28	0 29	9 34	0 49	21 38	1 21	23 4	23 10	16 20	0 15	4 44
T 6	6 22	22 29	0s17	12 25	1 38	5 7	1 23	11 44	3 15	7 51	1 5	22 5	0 28	13 27	0 29	9 34	0 49	21 39	1 21	23 4	23 10	16 22	0 16	4 44
W 7	6 0	19 26	1 26	11 49	1 42	4 37	1 22	11 48	3 14	7 56	1 5	22 4	0 28	13 27	0 29	9 33	0 49	21 39	1 21	23 4	23 10	16 24	0 18	4 44
T 8	5 37	15 29	2 29	11 11	1 45	4 7	1 22	11 52	3 13	8 0	1 4	22 4	0 28	13 27	0 29	9 32	0 49	21 39	1 21	23 4	23 10	16 26	0 19	4 44
F 9	5 14	10 54	3 23	10 31	1 47	3 37	1 21	11 56	3 13	8 4	1 4	22 3	0 28	13 26	0 30	9 31	0 49	21 39	1 20	23 4	23 11	16 28	0 20	4 43
S 10	4 51	5 56	4 7	9 49	1 48	3 7	1 20	11 59	3 12	8 9	1 4	22 3	0 28	13 26	0 30	9 30	0 49	21 39	1 20	23 5	23 11	16 30	0 21	4 43
S 11	4 29	0 48	4 38	9 7	1 49	2 36	1 19	12 2	3 11	8 13	1 4	22 2	0 28	13 25	0 30	9 30	0 49	21 39	1 20	23 6	23 11	16 32	0 22	4 43
M12	4 6	4s17	4 56	8 23	1 49	2 6	1 18	12 5	3 11	8 18	1 4	22 2	0 28	13 25	0 30	9 29	0 49	21 40	1 20	23 7	23 11	16 34	0 23	4 43
T 13	3 43	9 8	5 1	7 38	1 48	1 35	1 18	12 8	3 10	8 22	1 4	22 1	0 28	13 24	0 30	9 28	0 49	21 40	1 20	23 8	23 11	16 36	0 25	4 43
W14	3 20	13 37	4 52	6 53	1 46	1 5	1 17	12 11	3 9	8 27	1 4	22 1	0 28	13 24	0 30	9 27	0 49	21 40	1 20	23 9	23 12	16 38	0 26	4 43
T 15	2 56	17 32	4 31	6 7	1 44	0 34	1 15	12 14	3 8	8 31	1 4	22 0	0 28	13 23	0 30	9 26	0 49	21 40	1 20	23 9	23 12	16 40	0 27	4 43
F 16	2 33	20 45	3 58	5 20	1 41	0 3	1 14	12 16	3 7	8 36	1 3	22 0	0 28	13 23	0 30	9 26	0 49	21 40	1 20	23 10	23 12	16 42	0 28	4 43
S 17	2 10	23 6	3 15	4 34	1 38	0s28	1 13	12 18	3 6	8 40	1 3	21 59	0 28	13 22	0 30	9 25	0 49	21 40	1 19	23 10	23 12	16 44	0 29	4 43
S 18	1 47	24 27	2 22	3 46	1 35	0 58	1 12	12 20	3 5	8 45	1 3	21 59	0 28	13 22	0 30	9 24	0 49	21 41	1 19	23 11	23 12	16 46	0 30	4 43
M19	1 23	24 40	1 23	2 59	1 31	1 29	1 11	12 21	3 4	8 49	1 3	21 58	0 28	13 21	0 30	9 23	0 49	21 41	1 19	23 11	23 13	16 48	0 32	4 43
T 20	1 0	23 40	0 19	2 12	1 26	2 0	1 9	12 23	3 2	8 54	1 3	21 58	0 28	13 20	0 30	9 22	0 49	21 41	1 19	23 11	23 13	16 50	0 33	4 43
W21	0 37	21 28	0n48	1 25	1 22	2 31	1 8	12 24	3 1	8 58	1 3	21 57	0 28	13 20	0 30	9 22	0 49	21 41	1 19	23 11	23 13	16 52	0 34	4 42
T 22	0 13	18 4	1 55	0 37	1 17	3 1	1 6	12 25	3 0	9 3	1 3	21 57	0 28	13 19	0 30	9 21	0 49	21 41	1 19	23 11	23 13	16 54	0 35	4 42
F 23	0s10	13 37	2 57	0s10	1 11	3 32	1 5	12 26	2 58	9 7	1 3	21 56	0 27	13 19	0 30	9 20	0 49	21 41	1 19	23 11	23 13	16 56	0 36	4 42
S 24	0 34	8 17	3 51	0 57	1 6	4 2	1 3	12 27	2 57	9 12	1 3	21 56	0 27	13 18	0 30	9 19	0 49	21 41	1 18	23 11	23 14	16 58	0 38	4 42
S 25	0 57	2 22	4 32	1 44	1 0	4 33	1 2	12 27	2 55	9 17	1 2	21 55	0 27	13 17	0 30	9 19	0 49	21 42	1 18	23 12	23 14	17 0	0 39	4 42
M26	1 21	3n50	4 56	2 30	0 54	5 3	1 0	12 27	2 54	9 21	1 2	21 55	0 27	13 17	0 30	9 18	0 49	21 42	1 18	23 13	23 14	17 2	0 40	4 42
T 27	1 44	9 53	4 59	3 16	0 48	5 34	0 58	12 28	2 52	9 26	1 2	21 55	0 27	13 16	0 30	9 17	0 49	21 42	1 18	23 13	23 14	17 4	0 41	4 42
W28	2 8	15 22	4 41	4 2	0 41	6 4	0 56	12 27	2 50	9 30	1 2	21 54	0 27	13 15	0 30	9 16	0 49	21 42	1 18	23 14	23 14	17 6	0 42	4 41
T 29	2 31	19 50	4 4	4 47	0 35	6 34	0 55	12 27	2 48	9 35	1 2	21 54	0 27	13 15	0 30	9 16	0 49	21 42	1 18	23 14	23 14	17 8	0 43	4 41
F 30	2s54	22n56	3n11	5s32	0n28	7s 4	0n53	12n26	2s46	9s40	1n 2	21n53	0s27	13n14	0s30	9n15	0n49	21s42	1n18	23s15	23s15	17s10	0s45	4n41

Julian Day Number = 2367052.5, Delta T = 20.89 sec
Ecliptic obliquity = 23°28'12, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°30'38, Lahiri = 20°37'38Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1768
geocentric

OCTOBER 1768 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 40 54	8♎17'51	12♊53	16♎47	21♎23	10°R37	27♎47	17♋26	6°R28	8♍17	11♑17	7°R37	7♑40	3♏58	17°R10	S 1
S 2	0 44 51	9°17'00	26°54	18°25	22°37	10♉28	28° 0	17°29	6♉26	8°19	11°17	7♑36	7°37	4° 5	17♓ 7	S 2
M 3	0 48 47	10°16'11	10♋30	20° 2	23°52	10°17	28°13	17°32	6°24	8°21	11°17	7°36	7°34	4°12	17° 5	M 3
T 4	0 52 44	11°15'25	23°45	21°39	25° 7	10° 6	28°25	17°35	6°21	8°23	11°18	7°35	7°31	4°19	17° 2	T 4
W 5	0 56 41	12°14'41	6♌40	23°15	26°21	9°54	28°38	17°38	6°19	8°25	11°18	7°34	7°27	4°25	17° 0	W 5
T 6	1 0 37	13°14'00	19°20	24°50	27°36	9°41	28°51	17°40	6°17	8°27	11°18	7°30	7°24	4°32	16°57	T 6
F 7	1 4 34	14°13'20	1♍47	26°25	28°51	9°27	29° 4	17°43	6°15	8°28	11°19	7°23	7°21	4°39	16°55	F 7
S 8	1 8 30	15°12'43	14° 4	27°59	0♏ 5	9°13	29°17	17°45	6°13	8°30	11°19	7°13	7°18	4°45	16°53	S 8
S 9	1 12 27	16°12'08	26°13	29°32	1°20	8°58	29°30	17°48	6°10	8°32	11°20	7° 0	7°15	4°52	16°50	S 9
M10	1 16 23	17°11'35	8♎15	1♏ 4	2°35	8°42	29°43	17°50	6° 8	8°34	11°20	6°46	7°11	4°59	16°48	M10
T 11	1 20 20	18°11'04	20°12	2°36	3°49	8°26	29°56	17°52	6° 6	8°36	11°21	6°32	7° 8	5° 6	16°45	T 11
W12	1 24 16	19°10'35	2♏ 5	4° 7	5° 4	8° 9	0♏ 9	17°54	6° 3	8°38	11°21	6°18	7° 5	5°12	16°43	W12
T 13	1 28 13	20°10'09	13°55	5°37	6°19	7°51	0°22	17°56	6° 1	8°39	11°22	6° 7	7° 2	5°19	16°41	T 13
F 14	1 32 10	21° 9'44	25°45	7° 7	7°33	7°33	0°35	17°58	5°59	8°41	11°22	5°58	6°59	5°26	16°39	F 14
S 15	1 36 6	22° 9'21	7♐36	8°36	8°48	7°14	0°48	18° 0	5°56	8°43	11°23	5°51	6°56	5°32	16°37	S 15
S 16	1 40 3	23° 9'00	19°32	10° 4	10° 3	6°55	1° 1	18° 1	5°54	8°45	11°24	5°48	6°52	5°39	16°34	S 16
M17	1 43 59	24° 8'41	1♑37	11°32	11°17	6°36	1°14	18° 3	5°52	8°46	11°25	5°D47	6°49	5°46	16°32	M17
T 18	1 47 56	25° 8'23	13°56	12°59	12°32	6°16	1°27	18° 4	5°49	8°48	11°25	5°47	6°46	5°52	16°30	T 18
W19	1 51 52	26° 8'08	26°33	14°25	13°47	5°56	1°40	18° 6	5°47	8°50	11°26	5°R47	6°43	5°59	16°28	W19
T 20	1 55 49	27° 7'54	9♒34	15°51	15° 1	5°36	1°53	18° 7	5°44	8°51	11°27	5°46	6°40	6° 6	16°26	T 20
F 21	1 59 45	28° 7'41	23° 2	17°15	16°16	5°15	2° 6	18° 8	5°42	8°53	11°28	5°44	6°37	6°13	16°24	F 21
S 22	2 3 42	29° 7'31	7♓ 0	18°39	17°31	4°55	2°19	18° 9	5°39	8°54	11°29	5°39	6°33	6°19	16°23	S 22
S 23	2 7 39	0♏ 7'22	21°28	20° 2	18°45	4°34	2°32	18°10	5°37	8°56	11°29	5°32	6°30	6°26	16°21	S 23
M24	2 11 35	1° 7'14	6♈22	21°24	20° 0	4°14	2°45	18°10	5°34	8°58	11°30	5°23	6°27	6°33	16°19	M24
T 25	2 15 32	2° 7'09	21°34	22°46	21°14	3°53	2°58	18°11	5°32	8°59	11°31	5°13	6°24	6°39	16°17	T 25
W26	2 19 28	3° 7'05	6♉55	24° 6	22°29	3°32	3°12	18°11	5°29	9° 1	11°32	5° 3	6°21	6°46	16°15	W26
T 27	2 23 25	4° 7'04	22°12	25°25	23°44	3°12	3°25	18°12	5°27	9° 2	11°33	4°56	6°17	6°53	16°14	T 27
F 28	2 27 21	5° 7'04	7♊15	26°43	24°58	2°52	3°38	18°12	5°25	9° 3	11°34	4°50	6°14	7° 0	16°12	F 28
S 29	2 31 18	6° 7'07	21°56	27°59	26°13	2°31	3°51	18°12	5°22	9° 5	11°35	4°48	6°11	7° 6	16°11	S 29
S 30	2 35 14	7° 7'11	6♋10	29°14	27°27	2°12	4° 4	18°R12	5°20	9° 6	11°36	4°D47	6° 8	7°13	16° 9	S 30
M31	2 39 11	8♏ 7'18	19♋56	0♐28	28♏42	1♉52	4♏17	18♋12	5♉17	9♍ 8	11♑38	4♑48	6♑ 5	7♏20	16♓ 8	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	3s18	24n28	2n 7	6s16	0n22	7s34	0n51	12n26	2s44	9s44	1n 2	21n53	0s27	13n13	0s30	9n14	0n49	21s42	1n17	23s15	23s15	17s12	0s46	4n41
S 2	3 41	24 22	0 56	7 0	0 15	8 3	0 49	12 25	2 42	9 49	1 2	21 53	0 27	13 13	0 30	9 13	0 49	21 42	1 17	23 15	23 15	17 14	0 47	4 41
M 3	4 4	22 48	0s15	7 43	0 8	8 33	0 47	12 24	2 40	9 53	1 2	21 52	0 27	13 12	0 30	9 13	0 49	21 42	1 17	23 15	23 15	17 16	0 48	4 41
T 4	4 28	20 0	1 24	8 26	0 1	9 2	0 45	12 22	2 37	9 58	1 2	21 52	0 27	13 11	0 30	9 12	0 49	21 43	1 17	23 15	23 15	17 18	0 49	4 40
W 5	4 51	16 15	2 27	9 8	0s 6	9 31	0 43	12 21	2 35	10 3	1 2	21 52	0 27	13 11	0 30	9 11	0 49	21 43	1 17	23 15	23 16	17 20	0 50	4 40
T 6	5 14	11 51	3 21	9 50	0 13	10 0	0 41	12 19	2 33	10 7	1 2	21 51	0 27	13 10	0 30	9 11	0 49	21 43	1 17	23 15	23 16	17 21	0 51	4 40
F 7	5 37	7 2	4 5	10 31	0 20	10 29	0 38	12 17	2 30	10 12	1 1	21 51	0 27	13 9	0 30	9 10	0 49	21 43	1 17	23 16	23 16	17 23	0 53	4 40
S 8	6 0	2 2	4 36	11 11	0 27	10 57	0 36	12 15	2 27	10 16	1 1	21 51	0 27	13 8	0 30	9 9	0 49	21 43	1 16	23 16	23 16	17 25	0 54	4 40
S 9	6 23	3s 0	4 55	11 51	0 34	11 25	0 34	12 13	2 25	10 21	1 1	21 51	0 27	13 8	0 30	9 9	0 49	21 43	1 16	23 17	23 16	17 27	0 55	4 39
M10	6 46	7 52	5 0	12 30	0 41	11 53	0 32	12 11	2 22	10 26	1 1	21 50	0 27	13 7	0 30	9 8	0 49	21 43	1 16	23 18	23 16	17 29	0 56	4 39
T 11	7 8	12 24	4 52	13 8	0 48	12 21	0 29	12 8	2 19	10 30	1 1	21 50	0 27	13 6	0 30	9 7	0 49	21 43	1 16	23 19	23 17	17 31	0 57	4 39
W12	7 31	16 27	4 31	13 46	0 55	12 48	0 27	12 5	2 16	10 35	1 1	21 50	0 27	13 5	0 30	9 7	0 49	21 43	1 16	23 19	23 17	17 33	0 58	4 39
T 13	7 54	19 49	3 58	14 23	1 1	13 15	0 25	12 3	2 13	10 40	1 1	21 50	0 27	13 5	0 30	9 6	0 50	21 43	1 16	23 20	23 17	17 35	0 59	4 39
F 14	8 16	22 23	3 15	14 59	1 8	13 42	0 22	12 0	2 10	10 44	1 1	21 49	0 27	13 4	0 30	9 5	0 50	21 44	1 16	23 20	23 17	17 37	1 0	4 38
S 15	8 38	23 58	2 24	15 34	1 15	14 8	0 20	11 57	2 7	10 49	1 1	21 49	0 26	13 3	0 30	9 5	0 50	21 44	1 16	23 20	23 17	17 38	1 1	4 38
S 16	9 0	24 28	1 25	16 8	1 21	14 34	0 18	11 54	2 4	10 53	1 1	21 49	0 26	13 2	0 30	9 4	0 50	21 44	1 15	23 21	23 17	17 40	1 2	4 38
M17	9 23	23 50	0 22	16 42	1 28	15 0	0 15	11 50	2 1	10 58	1 1	21 49	0 26	13 1	0 30	9 3	0 50	21 44	1 15	23 21	23 18	17 42	1 3	4 38
T 18	9 44	22 1	0n43	17 15	1 34	15 25	0 13	11 47	1 57	11 2	1 1	21 49	0 26	13 1	0 30	9 3	0 50	21 44	1 15	23 21	23 18	17 44	1 4	4 37
W19	10 6	19 6	1 48	17 47	1 40	15 50	0 10	11 44	1 54	11 7	1 1	21 49	0 26	13 0	0 30	9 2	0 50	21 44	1 15	23 21	23 18	17 46	1 5	4 37
T 20	10 28	15 9	2 49	18 18	1 46	16 15	0 8	11 40	1 50	11 12	1 1	21 49	0 26	12 59	0 30	9 2	0 50	21 44	1 15	23 21	23 18	17 48	1 6	4 37
F 21	10 49	10 20	3 44	18 48	1 52	16 39	0 5	11 37	1 47	11 16	1 1	21 48	0 26	12 58	0 30	9 1	0 50	21 44	1 15	23 21	23 18	17 50	1 7	4 37
S 22	11 11	4 49	4 27	19 17	1 58	17 2	0 2	11 33	1 43	11 21	1 1	21 48	0 26	12 57	0 30	9 1	0 50	21 44	1 15	23 21	23 18	17 51	1 8	4 36
S 23	11 32	1n 7	4 54	19 45	2 3	17 26	0s 0	11 30	1 40	11 25	1 1	21 48	0 26	12 57	0 30	9 0	0 50	21 44	1 14	23 21	23 19	17 53	1 9	4 36
M24	11 53	7 10	5 3	20 12	2 8	17 48	0 3	11 26	1 36	11 30	1 1	21 48	0 26	12 56	0 30	8 59	0 50	21 44	1 14	23 22	23 19	17 55	1 10	4 36
T 25	12 13	12 55	4 51	20 38	2 13	18 11	0 5	11 23	1 33	11 34	1 0	21 48	0 26	12 55	0 30	8 59	0 50	21 44	1 14	23 22	23 19	17 57	1 11	4 36
W26	12 34	17 54	4 18	21 3	2 18	18 32	0 8	11 19	1 29	11 39	1 0	21 48	0 26	12 54	0 30	8 58	0 50	21 44	1 14	23 22	23 19	17 59	1 12	4 35
T 27	12 54	21 40	3 27	21 27	2 23	18 54	0 10	11 16	1 25	11 43	1 0	21 48	0 26	12 53	0 30	8 58	0 50	21 44	1 14	23 23	23 19	18 1	1 13	4 35
F 28	13 15	23 52	2 22	21 49	2 27	19 15	0 13	11 12	1 22	11 48	1 0	21 48	0 26	12 53	0 30	8 57	0 50	21 44	1 14	23 23	23 19	18 2	1 14	4 35
S 29	13 35	24 22	1 8	22 11	2 31	19 35	0 16	11 9	1 18	11 52	1 0	21 48	0 26	12 52	0 30	8 57	0 50	21 44	1 14	23 23	23 19	18 4	1 14	4 35
S 30	13 54	23 12	0s 7	22 31	2 34	19 55	0 18	11 5	1 14	11 57	1 0	21 48	0 26	12 51	0 30	8 56	0 50	21 44	1 14	23 23	23 20	18 6	1 15	4 34
M31	14s14	20n40	1s20	22s50	2s37	20s14	0s21	11n 2	1s10	12s 1	1n 0	21n48	0s26	12n50	0s30	8n56	0n50	21s44	1n13	23s23	23s20	18s 8	1s16	4n34

Julian Day Number = 2367082.5, Delta T = 20.90 sec
Ecliptic obliquity = 23°28'11, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°30'42, Lahiri = 20°37'43Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1768
geocentric

NOVEMBER 1768 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 43 8	9♏ 7'27	3♌16	1♐39	29♏57	1°R33	4♏30	18°R12	5°R15	9♍ 9	11♑39	4°R48	6♑ 2	7♏26	16°R 6	T 1
W 2	2 47 4	10° 7'38	16°12	2°49	1♐11	1♉14	4°43	18♋12	5♉12	9°10	11°40	4♑48	5°58	7°33	16♓ 5	W 2
T 3	2 51 1	11° 7'51	28°48	3°57	2°26	0°55	4°57	18°11	5°10	9°11	11°41	4°47	5°55	7°40	16° 4	T 3
F 4	2 54 57	12° 8'06	11♍ 9	5° 2	3°40	0°38	5°10	18°11	5° 7	9°13	11°42	4°43	5°52	7°46	16° 2	F 4
S 5	2 58 54	13° 8'23	23°18	6° 4	4°55	0°20	5°23	18°10	5° 5	9°14	11°44	4°36	5°49	7°53	16° 1	S 5
S 6	3 2 50	14° 8'42	5♎18	7° 4	6°10	0° 3	5°36	18°10	5° 2	9°15	11°45	4°28	5°46	8° 0	16° 0	S 6
M 7	3 6 47	15° 9'03	17°14	8° 0	7°24	29♈47	5°49	18° 9	5° 0	9°16	11°46	4°18	5°42	8° 7	15°59	M 7
T 8	3 10 43	16° 9'26	29° 6	8°52	8°39	29°31	6° 2	18° 8	4°58	9°17	11°47	4° 8	5°39	8°13	15°58	T 8
W 9	3 14 40	17° 9'50	10♏56	9°39	9°53	29°16	6°15	18° 7	4°55	9°18	11°49	3°59	5°36	8°20	15°57	W 9
T 10	3 18 37	18°10'16	22°47	10°22	11° 8	29° 2	6°28	18° 6	4°53	9°19	11°50	3°51	5°33	8°27	15°56	T 10
F 11	3 22 33	19°10'44	4♐40	10°59	12°23	28°48	6°41	18° 4	4°50	9°21	11°51	3°45	5°30	8°33	15°55	F 11
S 12	3 26 30	20°11'14	16°37	11°30	13°37	28°35	6°54	18° 3	4°48	9°22	11°53	3°41	5°27	8°40	15°54	S 12
S 13	3 30 26	21°11'45	28°39	11°55	14°52	28°23	7° 7	18° 1	4°46	9°22	11°54	3°D39	5°23	8°47	15°53	S 13
M14	3 34 23	22°12'17	10♑50	12°12	16° 6	28°12	7°20	18° 0	4°43	9°23	11°56	3°39	5°20	8°53	15°53	M14
T 15	3 38 19	23°12'51	23°13	12°R20	17°21	28° 1	7°33	17°58	4°41	9°24	11°57	3°41	5°17	9° 0	15°52	T 15
W16	3 42 16	24°13'26	5♒52	12°19	18°35	27°51	7°46	17°56	4°39	9°25	11°59	3°42	5°14	9° 7	15°51	W16
T 17	3 46 12	25°14'02	18°50	12° 9	19°50	27°42	7°59	17°54	4°36	9°26	12° 0	3°43	5°11	9°14	15°51	T 17
F 18	3 50 9	26°14'40	2♓11	11°48	21° 4	27°34	8°11	17°52	4°34	9°27	12° 2	3°R43	5° 8	9°20	15°50	F 18
S 19	3 54 6	27°15'18	15°58	11°17	22°19	27°27	8°24	17°50	4°32	9°28	12° 3	3°42	5° 4	9°27	15°50	S 19
S 20	3 58 2	28°15'57	0♈12	10°35	23°33	27°20	8°37	17°48	4°30	9°28	12° 5	3°39	5° 1	9°34	15°49	S 20
M21	4 1 59	29°16'38	14°49	9°42	24°48	27°14	8°50	17°45	4°27	9°29	12° 7	3°34	4°58	9°40	15°49	M21
T 22	4 5 55	0♐17'20	29°47	8°40	26° 2	27° 9	9° 2	17°43	4°25	9°30	12° 8	3°29	4°55	9°47	15°49	T 22
W23	4 9 52	1°18'03	14♉57	7°30	27°17	27° 5	9°15	17°40	4°23	9°30	12°10	3°24	4°52	9°54	15°49	W23
T 24	4 13 48	2°18'47	0♊10	6°13	28°31	27° 2	9°28	17°38	4°21	9°31	12°11	3°20	4°48	10° 0	15°48	T 24
F 25	4 17 45	3°19'33	15°14	4°52	29°46	26°59	9°40	17°35	4°19	9°32	12°13	3°18	4°45	10° 7	15°48	F 25
S 26	4 21 41	4°20'20	0♋ 2	3°30	1♑ 0	26°58	9°53	17°32	4°17	9°32	12°15	3°D17	4°42	10°14	15°D48	S 26
S 27	4 25 38	5°21'08	14°26	2° 8	2°14	26°57	10° 5	17°29	4°15	9°33	12°17	3°17	4°39	10°21	15°48	S 27
M28	4 29 35	6°21'58	28°23	0°51	3°29	26°D57	10°18	17°26	4°13	9°33	12°18	3°18	4°36	10°27	15°48	M28
T 29	4 33 31	7°22'49	11♌53	29♏40	4°43	26°58	10°30	17°23	4°11	9°34	12°20	3°20	4°33	10°34	15°49	T 29
W30	4 37 28	8♐23'41	24♌57	28♏37	5♑58	26♈59	10♏43	17♋20	4♉ 9	9♍34	12♑22	3♑21	4♑29	10♏41	15♓49	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	14s33	17n 4	2s27	23s 7	2s40	20s33	0s23	10n59	1s 7	12s 6	1n 0	21n48	0s26	12n49	0s30	8n55	0n50	21s44	1n13	23s23	23s20	18s10	1s17	4n34
W 2	14 52	12 46	3 23	23 24	2 42	20 51	0 26	10 56	1 3	12 10	1 0	21 49	0 26	12 48	0 30	8 55	0 50	21 44	1 13	23 23	23 20	18 11	1 18	4 34
T 3	15 11	8 1	4 8	23 38	2 43	21 9	0 29	10 53	0 59	12 14	1 0	21 49	0 25	12 48	0 30	8 55	0 50	21 45	1 13	23 23	23 20	18 13	1 18	4 33
F 4	15 30	3 4	4 41	23 52	2 45	21 25	0 31	10 50	0 56	12 19	1 0	21 49	0 25	12 47	0 30	8 54	0 50	21 45	1 13	23 23	23 20	18 15	1 19	4 33
S 5	15 48	1s56	5 0	24 3	2 45	21 42	0 34	10 47	0 52	12 23	1 0	21 49	0 25	12 46	0 30	8 54	0 50	21 45	1 13	23 23	23 21	18 17	1 20	4 33
S 6	16 6	6 48	5 6	24 14	2 45	21 58	0 36	10 45	0 48	12 28	1 0	21 49	0 25	12 45	0 30	8 53	0 50	21 45	1 13	23 24	23 21	18 19	1 21	4 32
M 7	16 24	11 22	4 59	24 22	2 44	22 13	0 39	10 43	0 45	12 32	1 0	21 49	0 25	12 44	0 30	8 53	0 50	21 45	1 13	23 24	23 21	18 20	1 21	4 32
T 8	16 42	15 30	4 38	24 29	2 42	22 27	0 41	10 40	0 41	12 36	1 0	21 49	0 25	12 44	0 30	8 52	0 50	21 45	1 12	23 24	23 21	18 22	1 22	4 32
W 9	16 59	19 1	4 6	24 34	2 40	22 41	0 44	10 38	0 38	12 40	1 0	21 50	0 25	12 43	0 30	8 52	0 50	21 45	1 12	23 25	23 21	18 24	1 23	4 32
T 10	17 16	21 45	3 23	24 37	2 36	22 54	0 46	10 37	0 34	12 45	1 0	21 50	0 25	12 42	0 30	8 52	0 50	21 45	1 12	23 25	23 21	18 26	1 23	4 31
F 11	17 32	23 34	2 30	24 37	2 32	23 7	0 49	10 35	0 31	12 49	1 0	21 50	0 25	12 41	0 30	8 51	0 50	21 45	1 12	23 25	23 21	18 27	1 24	4 31
S 12	17 49	24 18	1 31	24 36	2 26	23 19	0 51	10 34	0 27	12 53	1 0	21 50	0 25	12 40	0 30	8 51	0 51	21 45	1 12	23 25	23 21	18 29	1 25	4 31
S 13	18 5	23 55	0 27	24 33	2 19	23 30	0 54	10 32	0 24	12 58	1 0	21 51	0 25	12 40	0 29	8 51	0 51	21 45	1 12	23 25	23 22	18 31	1 25	4 30
M14	18 21	22 23	0n39	24 27	2 11	23 40	0 56	10 31	0 21	13 2	1 0	21 51	0 25	12 39	0 29	8 50	0 51	21 45	1 12	23 25	23 22	18 32	1 26	4 30
T 15	18 36	19 45	1 44	24 19	2 2	23 50	0 58	10 31	0 17	13 6	1 0	21 51	0 25	12 38	0 29	8 50	0 51	21 45	1 12	23 25	23 22	18 34	1 26	4 30
W16	18 51	16 9	2 46	24 8	1 51	23 59	1 1	10 30	0 14	13 10	1 0	21 51	0 25	12 37	0 29	8 50	0 51	21 45	1 11	23 25	23 22	18 36	1 27	4 29
T 17	19 6	11 41	3 41	23 54	1 38	24 8	1 3	10 30	0 11	13 14	1 0	21 52	0 25	12 37	0 29	8 49	0 51	21 45	1 11	23 25	23 22	18 38	1 27	4 29
F 18	19 20	6 34	4 26	23 37	1 24	24 15	1 5	10 30	0 8	13 18	1 0	21 52	0 25	12 36	0 29	8 49	0 51	21 45	1 11	23 25	23 22	18 39	1 28	4 29
S 19	19 34	0 59	4 57	23 17	1 8	24 22	1 8	10 30	0 5	13 22	1 0	21 52	0 24	12 35	0 29	8 49	0 51	21 45	1 11	23 25	23 22	18 41	1 28	4 28
S 20	19 48	4n50	5 11	22 54	0 51	24 28	1 10	10 31	0 2	13 27	1 0	21 53	0 24	12 34	0 29	8 49	0 51	21 44	1 11	23 25	23 22	18 43	1 29	4 28
M21	20 1	10 33	5 6	22 29	0 33	24 34	1 12	10 31	0n 1	13 31	1 0	21 53	0 24	12 34	0 29	8 48	0 51	21 44	1 11	23 25	23 23	18 44	1 29	4 28
T 22	20 14	15 46	4 40	22 0	0 13	24 39	1 14	10 32	0 4	13 35	1 0	21 54	0 24	12 33	0 29	8 48	0 51	21 44	1 11	23 25	23 23	18 46	1 29	4 28
W23	20 27	20 4	3 54	21 29	0n 7	24 43	1 16	10 33	0 7	13 39	1 0	21 54	0 24	12 32	0 29	8 48	0 51	21 44	1 11	23 26	23 23	18 48	1 30	4 27
T 24	20 39	23 0	2 51	20 56	0 27	24 46	1 18	10 35	0 10	13 43	1 0	21 54	0 24	12 32	0 29	8 48	0 51	21 44	1 10	23 26	23 23	18 49	1 30	4 27
F 25	20 51	24 16	1 37	20 21	0 48	24 48	1 20	10 36	0 12	13 47	1 0	21 55	0 24	12 31	0 29	8 48	0 51	21 44	1 10	23 26	23 23	18 51	1 30	4 27
S 26	21 2	23 46	0 18	19 47	1 7	24 50	1 22	10 38	0 15	13 51	1 0	21 55	0 24	12 30	0 29	8 48	0 51	21 44	1 10	23 26	23 23	18 53	1 31	4 26
S 27	21 13	21 41	1s 1	19 13	1 26	24 51	1 24	10 40	0 18	13 54	1 0	21 56	0 24	12 30	0 29	8 47	0 51	21 44	1 10	23 26	23 23	18 54	1 31	4 26
M28	21 24	18 20	2 14	18 40	1 43	24 51	1 26	10 43	0 20	13 58	1 0	21 56	0 24	12 29	0 29	8 47	0 51	21 44	1 10	23 26	23 23	18 56	1 31	4 26
T 29	21 34	14 6	3 16	18 11	1 58	24 51	1 28	10 45	0 22	14 2	1 0	21 57	0 24	12 28	0 29	8 47	0 51	21 44	1 10	23 26	23 23	18 58	1 32	4 25
W30	21s44	9n21	4s 7	17s45	2n11	24s49	1s29	10n48	0n25	14s 6	1n 0	21n57	0s24	12n28	0s29	8n47	0n51	21s44	1n10	23s26	23s24	18s59	1s32	4n25

Julian Day Number = 2367113.5, Delta T = 20.92 sec
Ecliptic obliquity = 23°28'11, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°30'46, Lahiri = 20°37'47Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1768
geocentric

DECEMBER 1768 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 41 24	9♐24'35	7♍37	27°R45	7♑12	27♈ 1	10♏55	17°R17	4°R 7	9♍34	12♑24	3°R22	4♑26	10♏47	15♓49	T 1
F 2	4 45 21	10°25'30	19°59	27♏ 3	8°26	27° 4	11° 7	17♋13	4♉ 5	9°35	12°25	3♑22	4°23	10°54	15°49	F 2
S 3	4 49 17	11°26'26	2♎ 7	26°33	9°41	27° 8	11°20	17°10	4° 3	9°35	12°27	3°20	4°20	11° 1	15°50	S 3
S 4	4 53 14	12°27'24	14° 5	26°14	10°55	27°13	11°32	17° 6	4° 2	9°35	12°29	3°18	4°17	11° 7	15°50	S 4
M 5	4 57 10	13°28'22	25°57	26°D 7	12° 9	27°18	11°44	17° 3	4° 0	9°35	12°31	3°15	4°14	11°14	15°51	M 5
T 6	5 1 7	14°29'22	7♏47	26°10	13°23	27°24	11°56	16°59	3°58	9°36	12°33	3°11	4°10	11°21	15°51	T 6
W 7	5 5 4	15°30'23	19°38	26°22	14°38	27°31	12° 8	16°55	3°56	9°36	12°35	3° 8	4° 7	11°28	15°52	W 7
T 8	5 9 0	16°31'25	1♐32	26°43	15°52	27°38	12°20	16°51	3°55	9°36	12°37	3° 6	4° 4	11°34	15°52	T 8
F 9	5 12 57	17°32'28	13°31	27°13	17° 6	27°46	12°32	16°47	3°53	9°36	12°38	3° 4	4° 1	11°41	15°53	F 9
S 10	5 16 53	18°33'32	25°38	27°50	18°20	27°55	12°44	16°43	3°52	9°36	12°40	3° 3	3°58	11°48	15°54	S 10
S 11	5 20 50	19°34'36	7♑53	28°33	19°35	28° 4	12°56	16°39	3°50	9°R36	12°42	3°D 3	3°54	11°54	15°55	S 11
M12	5 24 46	20°35'41	20°19	29°22	20°49	28°15	13° 7	16°35	3°49	9°36	12°44	3° 3	3°51	12° 1	15°55	M12
T 13	5 28 43	21°36'47	2♒56	0♐16	22° 3	28°25	13°19	16°31	3°47	9°36	12°46	3° 4	3°48	12° 8	15°56	T 13
W14	5 32 39	22°37'53	15°47	1°14	23°17	28°37	13°31	16°27	3°46	9°36	12°48	3° 6	3°45	12°14	15°57	W14
T 15	5 36 36	23°38'59	28°53	2°17	24°31	28°49	13°42	16°22	3°44	9°36	12°50	3° 6	3°42	12°21	15°58	T 15
F 16	5 40 33	24°40'06	12♓17	3°22	25°45	29° 1	13°54	16°18	3°43	9°36	12°52	3° 7	3°39	12°28	16° 0	F 16
S 17	5 44 29	25°41'13	25°58	4°31	26°59	29°15	14° 5	16°13	3°42	9°36	12°54	3°R 7	3°35	12°34	16° 1	S 17
S 18	5 48 26	26°42'20	9♈58	5°42	28°13	29°28	14°17	16° 9	3°41	9°35	12°56	3° 7	3°32	12°41	16° 2	S 18
M19	5 52 22	27°43'27	24°17	6°56	29°27	29°43	14°28	16° 4	3°39	9°35	12°58	3° 7	3°29	12°48	16° 3	M19
T 20	5 56 19	28°44'34	8♉51	8°11	0♒41	29°58	14°39	16° 0	3°38	9°35	13° 0	3° 6	3°26	12°55	16° 5	T 20
W21	6 0 15	29°45'42	23°36	9°29	1°55	0♉13	14°50	15°55	3°37	9°35	13° 2	3° 6	3°23	13° 1	16° 6	W21
T 22	6 4 12	0♑46'49	8♊25	10°47	3° 9	0°29	15° 1	15°50	3°36	9°34	13° 4	3° 5	3°20	13° 8	16° 7	T 22
F 23	6 8 8	1°47'57	23°13	12° 8	4°23	0°46	15°12	15°46	3°35	9°34	13° 6	3° 5	3°16	13°15	16° 9	F 23
S 24	6 12 5	2°49'05	7♋50	13°29	5°37	1° 2	15°23	15°41	3°34	9°33	13° 8	3° 5	3°13	13°21	16°10	S 24
S 25	6 16 2	3°50'14	22°11	14°52	6°51	1°20	15°34	15°36	3°33	9°33	13°10	3° 5	3°10	13°28	16°12	S 25
M26	6 19 58	4°51'22	6♌10	16°16	8° 4	1°38	15°44	15°31	3°33	9°32	13°12	3° 5	3° 7	13°35	16°14	M26
T 27	6 23 55	5°52'31	19°46	17°40	9°18	1°56	15°55	15°27	3°32	9°32	13°14	3° 5	3° 4	13°41	16°15	T 27
W28	6 27 51	6°53'40	2♍57	19° 5	10°32	2°15	16° 5	15°22	3°31	9°31	13°16	3° 5	3° 0	13°48	16°17	W28
T 29	6 31 48	7°54'50	15°44	20°31	11°45	2°34	16°16	15°17	3°30	9°31	13°18	3° 4	2°57	13°55	16°19	T 29
F 30	6 35 44	8°56'00	28°11	21°58	12°59	2°54	16°26	15°12	3°30	9°30	13°20	3° 4	2°54	14° 1	16°21	F 30
S 31	6 39 41	9♑57'10	10♎22	23♐26	14♒13	3♉14	16♏36	15♋ 7	3♉29	9♍30	13♑23	3°D 4	2♑51	14♏ 8	16♓23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s53	4n20	4s44	17s22	2n22	24s47	1s31	10n51	0n27	14s10	1n 0	21n58	0s24	12n27	0s29	8n47	0n51	21s44	1n10	23s26	23s24	19s 1	1s32	4n25
F 2	22 2	0s44	5 6	17 5	2 31	24 44	1 33	10 54	0 29	14 14	1 0	21 58	0 24	12 26	0 29	8 47	0 51	21 44	1 10	23 26	23 24	19 3	1 32	4 24
S 3	22 11	5 39	5 15	16 51	2 37	24 41	1 34	10 58	0 32	14 17	1 0	21 59	0 23	12 26	0 29	8 47	0 51	21 44	1 9	23 26	23 24	19 4	1 32	4 24
S 4	22 19	10 18	5 9	16 43	2 42	24 36	1 36	11 1	0 34	14 21	1 1	21 59	0 23	12 25	0 29	8 47	0 51	21 44	1 9	23 26	23 24	19 6	1 32	4 24
M 5	22 27	14 33	4 51	16 39	2 44	24 31	1 37	11 5	0 36	14 25	1 1	22 0	0 23	12 25	0 29	8 47	0 51	21 44	1 9	23 26	23 24	19 7	1 33	4 23
T 6	22 34	18 13	4 20	16 38	2 45	24 26	1 38	11 9	0 38	14 28	1 1	22 0	0 23	12 24	0 29	8 47	0 51	21 44	1 9	23 26	23 24	19 9	1 33	4 23
W 7	22 41	21 9	3 37	16 42	2 45	24 19	1 40	11 13	0 40	14 32	1 1	22 1	0 23	12 24	0 29	8 47	0 51	21 44	1 9	23 26	23 24	19 11	1 33	4 23
T 8	22 47	23 12	2 46	16 49	2 43	24 12	1 41	11 18	0 42	14 36	1 1	22 1	0 23	12 23	0 29	8 47	0 52	21 44	1 9	23 26	23 24	19 12	1 33	4 22
F 9	22 53	24 12	1 46	16 58	2 40	24 4	1 42	11 23	0 44	14 39	1 1	22 2	0 23	12 23	0 29	8 47	0 52	21 44	1 9	23 26	23 25	19 14	1 33	4 22
S 10	22 59	24 5	0 41	17 10	2 36	23 55	1 43	11 27	0 46	14 43	1 1	22 3	0 23	12 22	0 29	8 47	0 52	21 43	1 9	23 26	23 25	19 15	1 33	4 22
S 11	23 4	22 47	0n27	17 24	2 31	23 45	1 44	11 33	0 48	14 46	1 1	22 3	0 23	12 22	0 29	8 47	0 52	21 43	1 9	23 26	23 25	19 17	1 33	4 22
M12	23 8	20 23	1 34	17 40	2 26	23 35	1 45	11 38	0 49	14 50	1 1	22 4	0 23	12 21	0 29	8 47	0 52	21 43	1 8	23 26	23 25	19 19	1 33	4 21
T 13	23 12	16 57	2 38	17 57	2 20	23 24	1 46	11 43	0 51	14 53	1 1	22 4	0 23	12 21	0 29	8 47	0 52	21 43	1 8	23 26	23 25	19 20	1 33	4 21
W14	23 16	12 42	3 35	18 16	2 13	23 13	1 47	11 49	0 53	14 57	1 1	22 5	0 23	12 20	0 29	8 47	0 52	21 43	1 8	23 26	23 25	19 22	1 32	4 21
T 15	23 19	7 46	4 23	18 35	2 6	23 1	1 48	11 55	0 54	15 0	1 1	22 6	0 22	12 20	0 29	8 47	0 52	21 43	1 8	23 26	23 25	19 23	1 32	4 20
F 16	23 22	2 23	4 57	18 55	1 59	22 48	1 48	12 1	0 56	15 3	1 1	22 6	0 22	12 19	0 29	8 47	0 52	21 43	1 8	23 26	23 25	19 25	1 32	4 20
S 17	23 24	3n13	5 15	19 15	1 51	22 34	1 49	12 7	0 57	15 7	1 1	22 7	0 22	12 19	0 29	8 47	0 52	21 43	1 8	23 26	23 25	19 26	1 32	4 20
S 18	23 26	8 47	5 15	19 35	1 44	22 20	1 49	12 13	0 59	15 10	1 1	22 7	0 22	12 19	0 29	8 47	0 52	21 43	1 8	23 26	23 25	19 28	1 32	4 19
M19	23 27	14 1	4 56	19 55	1 36	22 5	1 50	12 19	1 0	15 13	1 1	22 8	0 22	12 18	0 29	8 47	0 52	21 43	1 8	23 26	23 25	19 30	1 32	4 19
T 20	23 28	18 32	4 18	20 15	1 28	21 49	1 50	12 26	1 1	15 17	1 1	22 9	0 22	12 18	0 29	8 47	0 52	21 43	1 8	23 26	23 25	19 31	1 31	4 19
W21	23 28	21 57	3 22	20 35	1 20	21 33	1 51	12 33	1 3	15 20	1 1	22 9	0 22	12 17	0 29	8 48	0 52	21 43	1 8	23 26	23 26	19 33	1 31	4 19
T 22	23 28	23 55	2 13	20 54	1 12	21 16	1 51	12 39	1 4	15 23	1 1	22 10	0 22	12 17	0 29	8 48	0 52	21 42	1 7	23 26	23 26	19 34	1 31	4 18
F 23	23 27	24 12	0 55	21 13	1 4	20 59	1 51	12 46	1 5	15 26	1 2	22 11	0 22	12 17	0 29	8 48	0 52	21 42	1 7	23 26	23 26	19 36	1 31	4 18
S 24	23 26	22 48	0s26	21 32	0 56	20 41	1 51	12 53	1 7	15 29	1 2	22 11	0 22	12 17	0 29	8 48	0 52	21 42	1 7	23 26	23 26	19 37	1 30	4 18
S 25	23 25	19 56	1 44	21 49	0 48	20 22	1 51	13 1	1 8	15 32	1 2	22 12	0 22	12 16	0 29	8 48	0 52	21 42	1 7	23 26	23 26	19 39	1 30	4 17
M26	23 23	15 57	2 54	22 6	0 40	20 3	1 51	13 8	1 9	15 35	1 2	22 13	0 21	12 16	0 28	8 48	0 52	21 42	1 7	23 26	23 26	19 40	1 29	4 17
T 27	23 20	11 15	3 51	22 22	0 32	19 43	1 50	13 15	1 10	15 38	1 2	22 13	0 21	12 16	0 28	8 49	0 52	21 42	1 7	23 26	23 26	19 42	1 29	4 17
W28	23 17	6 10	4 35	22 37	0 24	19 23	1 50	13 23	1 11	15 41	1 2	22 14	0 21	12 16	0 28	8 49	0 52	21 42	1 7	23 26	23 26	19 43	1 29	4 16
T 29	23 14	0 58	5 3	22 52	0 16	19 2	1 50	13 31	1 12	15 44	1 2	22 15	0 21	12 15	0 28	8 49	0 52	21 42	1 7	23 26	23 26	19 45	1 28	4 16
F 30	23 10	4s 7	5 16	23 5	0 8	18 41	1 49	13 38	1 13	15 47	1 2	22 15	0 21	12 15	0 28	8 49	0 52	21 42	1 7	23 26	23 26	19 46	1 28	4 16
S 31	23s 6	8s56	5s15	23s17	0n 1	18s19	1s49	13n46	1n14	15s50	1n 2	22n16	0s21	12n15	0s28	8n50	0n52	21s42	1n 7	23s26	23s26	19s48	1s27	4n16

Julian Day Number = 2367143.5, Delta T = 20.93 sec
Ecliptic obliquity = 23°28'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°30'51, Lahiri = 20°37'51Greg. Calendar

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