Astrodienst Ephemeris Tables

for the year 1868

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 1868
geocentric

JANUARY 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 39 45	9♑54'25	15♓11	26♐34	3♒47	10♑13	4♓46	1♐32	10°R53	12♈17	14°R16	6♍29	8♍ 5	22♑24	22♓24	W 1
T 2	6 43 41	10°55'35	27°26	28° 5	5° 2	10°59	4°58	1°38	10♋51	12°18	14♉16	6°30	8° 2	22°31	22°25	T 2
F 3	6 47 38	11°56'45	9♈58	29°36	6°17	11°45	5° 9	1°44	10°48	12°18	14°15	6°R31	7°58	22°38	22°27	F 3
S 4	6 51 34	12°57'54	22°53	1♑ 8	7°32	12°31	5°20	1°50	10°45	12°18	14°15	6°30	7°55	22°44	22°28	S 4
S 5	6 55 31	13°59'04	6♉16	2°40	8°46	13°17	5°32	1°56	10°43	12°19	14°14	6°28	7°52	22°51	22°30	S 5
M 6	6 59 27	15° 0'12	20° 8	4°12	10° 1	14° 3	5°44	2° 2	10°40	12°19	14°14	6°23	7°49	22°58	22°32	M 6
T 7	7 3 24	16° 1'21	4♊29	5°45	11°16	14°50	5°55	2° 7	10°38	12°20	14°13	6°17	7°46	23° 5	22°34	T 7
W 8	7 7 21	17° 2'29	19°18	7°18	12°30	15°36	6° 7	2°13	10°35	12°20	14°13	6° 9	7°43	23°11	22°36	W 8
T 9	7 11 17	18° 3'37	4♋26	8°52	13°45	16°22	6°19	2°19	10°32	12°21	14°12	6° 1	7°39	23°18	22°38	T 9
F 10	7 15 14	19° 4'44	19°45	10°26	15° 0	17° 8	6°31	2°25	10°30	12°21	14°12	5°54	7°36	23°25	22°40	F 10
S 11	7 19 10	20° 5'51	5♌ 3	12° 0	16°14	17°55	6°43	2°30	10°27	12°22	14°12	5°49	7°33	23°31	22°42	S 11
S 12	7 23 7	21° 6'58	20° 9	13°35	17°29	18°41	6°55	2°36	10°25	12°23	14°11	5°46	7°30	23°38	22°44	S 12
M13	7 27 3	22° 8'04	4♍55	15°11	18°43	19°27	7° 7	2°41	10°22	12°23	14°11	5°D45	7°27	23°45	22°46	M13
T 14	7 31 0	23° 9'11	19°16	16°47	19°58	20°14	7°20	2°47	10°20	12°24	14°11	5°45	7°24	23°51	22°48	T 14
W15	7 34 56	24°10'17	3♎ 9	18°23	21°12	21° 0	7°32	2°52	10°17	12°25	14°10	5°47	7°20	23°58	22°51	W15
T 16	7 38 53	25°11'22	16°36	20° 0	22°27	21°47	7°45	2°57	10°15	12°25	14°10	5°48	7°17	24° 5	22°53	T 16
F 17	7 42 50	26°12'28	29°39	21°38	23°41	22°33	7°57	3° 2	10°12	12°26	14°10	5°R48	7°14	24°11	22°55	F 17
S 18	7 46 46	27°13'33	12♏21	23°16	24°55	23°20	8°10	3° 8	10°10	12°27	14°10	5°47	7°11	24°18	22°57	S 18
S 19	7 50 43	28°14'38	24°46	24°54	26°10	24° 6	8°23	3°13	10° 7	12°28	14° 9	5°44	7° 8	24°25	23° 0	S 19
M20	7 54 39	29°15'43	6♐58	26°34	27°24	24°53	8°35	3°18	10° 5	12°29	14° 9	5°39	7° 4	24°31	23° 2	M20
T 21	7 58 36	0♒16'47	19° 1	28°13	28°38	25°40	8°48	3°23	10° 3	12°30	14° 9	5°33	7° 1	24°38	23° 5	T 21
W22	8 2 32	1°17'51	0♑57	29°54	29°53	26°26	9° 1	3°28	10° 0	12°31	14° 9	5°27	6°58	24°45	23° 7	W22
T 23	8 6 29	2°18'54	12°49	1♒35	1♓ 7	27°13	9°14	3°32	9°58	12°32	14° 9	5°20	6°55	24°51	23°10	T 23
F 24	8 10 25	3°19'56	24°38	3°16	2°21	28° 0	9°27	3°37	9°55	12°33	14° 9	5°14	6°52	24°58	23°13	F 24
S 25	8 14 22	4°20'58	6♒28	4°58	3°35	28°47	9°40	3°42	9°53	12°34	14° 9	5° 9	6°49	25° 5	23°15	S 25
S 26	8 18 19	5°21'59	18°19	6°41	4°49	29°33	9°54	3°46	9°51	12°35	14° 8	5° 6	6°45	25°11	23°18	S 26
M27	8 22 15	6°22'58	0♓13	8°25	6° 3	0♒20	10° 7	3°51	9°49	12°36	14° 8	5°D 5	6°42	25°18	23°21	M27
T 28	8 26 12	7°23'57	12°13	10° 9	7°17	1° 7	10°20	3°55	9°46	12°37	14°D 8	5° 5	6°39	25°25	23°23	T 28
W29	8 30 8	8°24'54	24°21	11°53	8°31	1°54	10°34	4° 0	9°44	12°39	14° 8	5° 6	6°36	25°32	23°26	W29
T 30	8 34 5	9°25'51	6♈41	13°39	9°45	2°41	10°47	4° 4	9°42	12°40	14° 8	5° 8	6°33	25°38	23°29	T 30
F 31	8 38 1	10♒26'46	19♈17	15♒24	10♓59	3♒28	11♓ 0	4♐ 8	9♋40	12♈41	14♉ 8	5♍10	6♍29	25♑45	23♓32	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	23s 5	6s33	0s47	23s50	0s26	20s53	1s37	23s55	0s52	10s46	1s 5	18s38	1n53	23n23	0n23	3n23	1s36	1n13	15s35	9n 8	8n33	17s57	0n28	3n48
T 2	23 0	2 42	1 50	23 59	0 32	20 36	1 38	23 52	0 52	10 42	1 5	18 39	1 53	23 23	0 23	3 23	1 36	1 13	15 35	9 8	8 34	17 57	0 29	3 48
F 3	22 55	1n21	2 50	24 6	0 39	20 18	1 38	23 48	0 53	10 38	1 5	18 40	1 53	23 23	0 23	3 23	1 36	1 13	15 34	9 8	8 35	17 56	0 29	3 48
S 4	22 49	5 27	3 43	24 12	0 45	19 59	1 39	23 45	0 53	10 34	1 4	18 41	1 53	23 24	0 23	3 24	1 36	1 13	15 34	9 8	8 36	17 56	0 30	3 47
S 5	22 43	9 26	4 26	24 17	0 52	19 40	1 39	23 41	0 53	10 29	1 4	18 42	1 54	23 24	0 23	3 24	1 36	1 13	15 34	9 9	8 37	17 55	0 30	3 47
M 6	22 37	13 2	4 55	24 21	0 58	19 21	1 40	23 36	0 54	10 25	1 4	18 43	1 54	23 24	0 23	3 24	1 36	1 14	15 33	9 10	8 39	17 55	0 31	3 47
T 7	22 30	16 1	5 7	24 23	1 4	19 0	1 40	23 32	0 54	10 20	1 4	18 45	1 54	23 24	0 23	3 24	1 36	1 14	15 33	9 13	8 40	17 54	0 31	3 47
W 8	22 22	18 3	4 59	24 24	1 9	18 40	1 40	23 27	0 55	10 16	1 4	18 46	1 54	23 24	0 23	3 24	1 36	1 14	15 33	9 16	8 41	17 54	0 32	3 46
T 9	22 14	18 52	4 31	24 24	1 15	18 18	1 40	23 21	0 55	10 11	1 4	18 47	1 54	23 25	0 23	3 25	1 36	1 14	15 33	9 18	8 42	17 53	0 32	3 46
F 10	22 6	18 20	3 43	24 22	1 20	17 57	1 40	23 16	0 55	10 7	1 4	18 48	1 54	23 25	0 23	3 25	1 36	1 14	15 32	9 21	8 43	17 53	0 33	3 46
S 11	21 57	16 27	2 38	24 19	1 25	17 34	1 40	23 10	0 56	10 2	1 4	18 49	1 54	23 25	0 23	3 25	1 36	1 14	15 32	9 23	8 45	17 52	0 33	3 46
S 12	21 48	13 27	1 24	24 15	1 30	17 11	1 40	23 4	0 56	9 58	1 4	18 50	1 54	23 25	0 23	3 26	1 36	1 15	15 32	9 24	8 46	17 52	0 34	3 45
M13	21 38	9 39	0 5	24 9	1 34	16 48	1 40	22 58	0 56	9 53	1 4	18 51	1 54	23 25	0 23	3 26	1 36	1 15	15 31	9 25	8 47	17 51	0 35	3 45
T 14	21 28	5 22	1n13	24 2	1 38	16 25	1 40	22 52	0 57	9 48	1 4	18 52	1 54	23 26	0 23	3 26	1 36	1 15	15 31	9 24	8 48	17 51	0 35	3 45
W15	21 18	0 56	2 23	23 53	1 42	16 0	1 39	22 45	0 57	9 44	1 3	18 52	1 54	23 26	0 23	3 27	1 35	1 15	15 31	9 24	8 49	17 50	0 36	3 45
T 16	21 7	3s24	3 24	23 43	1 46	15 36	1 39	22 38	0 57	9 39	1 3	18 53	1 54	23 26	0 23	3 27	1 35	1 16	15 30	9 23	8 50	17 50	0 37	3 44
F 17	20 55	7 26	4 11	23 31	1 49	15 11	1 38	22 31	0 58	9 34	1 3	18 54	1 55	23 26	0 23	3 27	1 35	1 16	15 30	9 23	8 52	17 49	0 37	3 44
S 18	20 44	11 1	4 46	23 18	1 53	14 45	1 38	22 23	0 58	9 29	1 3	18 55	1 55	23 26	0 23	3 28	1 35	1 16	15 30	9 24	8 53	17 49	0 38	3 44
S 19	20 32	14 2	5 5	23 3	1 55	14 20	1 37	22 16	0 58	9 25	1 3	18 56	1 55	23 27	0 23	3 28	1 35	1 16	15 29	9 25	8 54	17 48	0 39	3 44
M20	20 19	16 23	5 11	22 47	1 58	13 53	1 36	22 8	0 59	9 20	1 3	18 57	1 55	23 27	0 23	3 28	1 35	1 17	15 29	9 27	8 55	17 48	0 39	3 44
T 21	20 6	17 58	5 2	22 29	2 0	13 27	1 36	21 59	0 59	9 15	1 3	18 58	1 55	23 27	0 23	3 29	1 35	1 17	15 29	9 29	8 56	17 47	0 40	3 43
W22	19 53	18 46	4 41	22 10	2 2	13 0	1 35	21 51	0 59	9 10	1 3	18 58	1 55	23 27	0 23	3 29	1 35	1 17	15 28	9 31	8 58	17 47	0 41	3 43
T 23	19 39	18 44	4 8	21 49	2 3	12 33	1 34	21 42	0 59	9 5	1 3	18 59	1 55	23 27	0 23	3 30	1 35	1 17	15 28	9 34	8 59	17 46	0 42	3 43
F 24	19 25	17 52	3 23	21 27	2 4	12 5	1 33	21 33	1 0	9 0	1 3	19 0	1 55	23 28	0 23	3 30	1 35	1 18	15 28	9 36	9 0	17 46	0 43	3 43
S 25	19 11	16 14	2 30	21 3	2 5	11 37	1 32	21 24	1 0	8 55	1 3	19 1	1 55	23 28	0 23	3 31	1 35	1 18	15 27	9 38	9 1	17 45	0 44	3 42
S 26	18 56	13 55	1 31	20 38	2 5	11 9	1 30	21 14	1 0	8 50	1 3	19 2	1 56	23 28	0 23	3 31	1 35	1 18	15 27	9 39	9 2	17 45	0 44	3 42
M27	18 41	10 59	0 27	20 11	2 5	10 41	1 29	21 5	1 1	8 45	1 3	19 2	1 56	23 28	0 23	3 32	1 35	1 19	15 27	9 39	9 3	17 44	0 45	3 42
T 28	18 26	7 35	0s39	19 42	2 4	10 12	1 28	20 55	1 1	8 40	1 3	19 3	1 56	23 28	0 23	3 32	1 35	1 19	15 26	9 39	9 5	17 44	0 46	3 42
W29	18 10	3 50	1 44	19 12	2 3	9 43	1 26	20 45	1 1	8 35	1 3	19 4	1 56	23 28	0 23	3 33	1 35	1 19	15 26	9 39	9 6	17 43	0 47	3 42
T 30	17 54	0n 8	2 45	18 40	2 1	9 14	1 25	20 34	1 1	8 30	1 3	19 4	1 56	23 29	0 23	3 33	1 35	1 20	15 26	9 38	9 7	17 43	0 48	3 41
F 31	17s38	4n 9	3s40	18s 7	1s59	8s44	1s23	20s24	1s 2	8s24	1s 2	19s 5	1n56	23n29	0n23	3n34	1s35	1n20	15s25	9n37	9n 8	17s42	0n49	3n41

Julian Day Number = 2403332.5, Delta T = 4.88 sec
Ecliptic obliquity = 23°27'14, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'49, Lahiri = 22°00'50

ASTRODIENST EPHEMERIS for the year 1868
geocentric

FEBRUARY 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 41 58	11♒27'39	2♉10	17♒10	12♓13	4♒15	11♓14	4♐12	9°R38	12♈42	14♉ 9	5♍11	6♍26	25♋52	23♓35	S 1
S 2	8 45 54	12°28'32	15°26	18°57	13°27	5° 2	11°28	4°16	9♋36	12°44	14° 9	5°R11	6°23	25°58	23°38	S 2
M 3	8 49 51	13°29'23	29° 7	20°44	14°41	5°48	11°41	4°20	9°34	12°45	14° 9	5°10	6°20	26° 5	23°41	M 3
T 4	8 53 48	14°30'12	13♊14	22°31	15°54	6°35	11°55	4°24	9°32	12°46	14° 9	5° 9	6°17	26°12	23°44	T 4
W 5	8 57 44	15°31'01	27°45	24°19	17° 8	7°22	12° 9	4°28	9°30	12°48	14° 9	5° 6	6°14	26°18	23°47	W 5
T 6	9 1 41	16°31'47	12♋37	26° 6	18°22	8° 9	12°22	4°31	9°28	12°49	14° 9	5° 4	6°10	26°25	23°50	T 6
F 7	9 5 37	17°32'33	27°43	27°54	19°35	8°57	12°36	4°35	9°26	12°51	14° 9	5° 1	6° 7	26°32	23°53	F 7
S 8	9 9 34	18°33'16	12♌54	29°41	20°49	9°44	12°50	4°39	9°24	12°52	14°10	5° 0	6° 4	26°38	23°56	S 8
S 9	9 13 30	19°33'59	28° 1	1♓28	22° 2	10°31	13° 4	4°42	9°22	12°54	14°10	4°D59	6° 1	26°45	23°59	S 9
M10	9 17 27	20°34'40	12♍53	3°13	23°15	11°18	13°18	4°45	9°20	12°55	14°10	4°59	5°58	26°52	24° 2	M10
T 11	9 21 23	21°35'20	27°25	4°58	24°29	12° 5	13°32	4°49	9°19	12°57	14°10	5° 0	5°55	26°58	24° 6	T 11
W12	9 25 20	22°35'58	11♎31	6°41	25°42	12°52	13°46	4°52	9°17	12°58	14°11	5° 1	5°51	27° 5	24° 9	W12
T 13	9 29 17	23°36'36	25°10	8°23	26°55	13°39	14° 0	4°55	9°15	13° 0	14°11	5° 2	5°48	27°12	24°12	T 13
F 14	9 33 13	24°37'12	8♏22	10° 2	28° 8	14°26	14°14	4°58	9°14	13° 1	14°11	5° 3	5°45	27°18	24°15	F 14
S 15	9 37 10	25°37'47	21°10	11°38	29°21	15°13	14°28	5° 1	9°12	13° 3	14°12	5°R 3	5°42	27°25	24°19	S 15
S 16	9 41 6	26°38'21	3♐38	13°11	0♈34	16° 1	14°42	5° 4	9°11	13° 5	14°12	5° 3	5°39	27°32	24°22	S 16
M17	9 45 3	27°38'54	15°49	14°40	1°47	16°48	14°57	5° 6	9° 9	13° 6	14°13	5° 3	5°35	27°38	24°25	M17
T 18	9 48 59	28°39'26	27°49	16° 5	3° 0	17°35	15°11	5° 9	9° 8	13° 8	14°13	5° 2	5°32	27°45	24°29	T 18
W19	9 52 56	29°39'56	9♑41	17°24	4°13	18°22	15°25	5°11	9° 6	13°10	14°13	5° 1	5°29	27°52	24°32	W19
T 20	9 56 52	0♓40'24	21°30	18°38	5°26	19° 9	15°39	5°14	9° 5	13°12	14°14	5° 0	5°26	27°58	24°36	T 20
F 21	10 0 49	1°40'52	3♒19	19°45	6°38	19°57	15°54	5°16	9° 4	13°13	14°14	5° 0	5°23	28° 5	24°39	F 21
S 22	10 4 46	2°41'17	15°10	20°45	7°51	20°44	16° 8	5°18	9° 2	13°15	14°15	5° 0	5°20	28°12	24°42	S 22
S 23	10 8 42	3°41'42	27° 6	21°37	9° 3	21°31	16°22	5°20	9° 1	13°17	14°15	4°59	5°16	28°18	24°46	S 23
M24	10 12 39	4°42'04	9♓10	22°20	10°16	22°18	16°37	5°22	9° 0	13°19	14°16	4°59	5°13	28°25	24°49	M24
T 25	10 16 35	5°42'25	21°22	22°55	11°28	23° 6	16°51	5°24	8°59	13°21	14°17	4°59	5°10	28°32	24°53	T 25
W26	10 20 32	6°42'44	3♈45	23°21	12°40	23°53	17° 6	5°26	8°58	13°23	14°17	4°59	5° 7	28°38	24°56	W26
T 27	10 24 28	7°43'01	16°20	23°37	13°53	24°40	17°20	5°28	8°57	13°25	14°18	4°59	5° 4	28°45	25° 0	T 27
F 28	10 28 25	8°43'16	29° 9	23°R44	15° 5	25°27	17°34	5°30	8°56	13°27	14°18	4°59	5° 1	28°52	25° 4	F 28
S 29	10 32 21	9♓43'29	12♉12	23♓41	16♈17	26♒15	17♓49	5♐31	8♋55	13♈29	14♉19	4♍58	4♍57	28♋58	25♓ 7	S 29

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	17s21	8n 5	4s25	17s33	1s56	8s14	1s22	20s13	1s 2	8s19	1s 2	19s 6	1n56	23n29	0n23	3n34	1s35	1n20	15s25	9n37	9n 9	17s42	0n50	3n41
S 2	17 4	11 44	4 57	16 57	1 53	7 44	1 20	20 2	1 2	8 14	1 2	19 6	1 56	23 29	0 23	3 35	1 35	1 21	15 25	9 37	9 10	17 41	0 51	3 41
M 3	16 47	14 52	5 14	16 19	1 49	7 14	1 18	19 50	1 2	8 9	1 2	19 7	1 57	23 29	0 23	3 35	1 35	1 21	15 24	9 37	9 12	17 40	0 52	3 41
T 4	16 29	17 14	5 13	15 40	1 45	6 44	1 16	19 39	1 3	8 3	1 2	19 7	1 57	23 29	0 23	3 36	1 35	1 21	15 24	9 38	9 13	17 40	0 53	3 40
W 5	16 12	18 35	4 51	15 0	1 40	6 14	1 14	19 27	1 3	7 58	1 2	19 8	1 57	23 29	0 23	3 36	1 35	1 22	15 24	9 39	9 14	17 39	0 54	3 40
T 6	15 54	18 42	4 11	14 18	1 34	5 43	1 12	19 15	1 3	7 53	1 2	19 8	1 57	23 30	0 23	3 37	1 34	1 22	15 23	9 40	9 15	17 39	0 55	3 40
F 7	15 35	17 30	3 12	13 35	1 28	5 12	1 10	19 3	1 3	7 47	1 2	19 9	1 57	23 30	0 23	3 38	1 34	1 23	15 23	9 40	9 16	17 38	0 56	3 40
S 8	15 16	15 3	1 59	12 51	1 21	4 41	1 8	18 51	1 3	7 42	1 2	19 9	1 57	23 30	0 23	3 38	1 34	1 23	15 23	9 41	9 17	17 38	0 57	3 40
S 9	14 58	11 34	0 39	12 6	1 13	4 10	1 6	18 38	1 4	7 37	1 2	19 10	1 57	23 30	0 23	3 39	1 34	1 23	15 22	9 41	9 19	17 37	0 58	3 40
M10	14 38	7 24	0n44	11 20	1 5	3 39	1 4	18 25	1 4	7 31	1 2	19 10	1 58	23 30	0 23	3 39	1 34	1 24	15 22	9 41	9 20	17 36	0 59	3 39
T 11	14 19	2 53	2 1	10 34	0 56	3 8	1 1	18 12	1 4	7 26	1 2	19 11	1 58	23 30	0 23	3 40	1 34	1 24	15 21	9 41	9 21	17 36	1 0	3 39
W12	13 59	1s39	3 9	9 46	0 46	2 37	0 59	17 59	1 4	7 21	1 2	19 11	1 58	23 30	0 23	3 41	1 34	1 25	15 21	9 41	9 22	17 35	1 2	3 39
T 13	13 40	5 57	4 4	8 59	0 35	2 5	0 56	17 46	1 4	7 15	1 2	19 12	1 58	23 30	0 23	3 41	1 34	1 25	15 21	9 40	9 23	17 35	1 3	3 39
F 14	13 19	9 49	4 44	8 11	0 24	1 34	0 54	17 32	1 4	7 10	1 2	19 12	1 58	23 31	0 23	3 42	1 34	1 25	15 20	9 40	9 25	17 34	1 4	3 39
S 15	12 59	13 6	5 8	7 24	0 12	1 2	0 51	17 19	1 5	7 4	1 2	19 12	1 58	23 31	0 23	3 43	1 34	1 26	15 20	9 40	9 26	17 33	1 5	3 39
S 16	12 39	15 42	5 17	6 36	0n 0	0 31	0 49	17 5	1 5	6 59	1 2	19 13	1 58	23 31	0 23	3 43	1 34	1 26	15 20	9 40	9 27	17 33	1 6	3 38
M17	12 18	17 32	5 12	5 50	0 13	0n 1	0 46	16 51	1 5	6 53	1 2	19 13	1 59	23 31	0 23	3 44	1 34	1 27	15 19	9 40	9 28	17 32	1 7	3 38
T 18	11 57	18 33	4 53	5 5	0 27	0 32	0 43	16 36	1 5	6 48	1 2	19 13	1 59	23 31	0 23	3 45	1 34	1 27	15 19	9 40	9 29	17 32	1 9	3 38
W19	11 36	18 45	4 21	4 21	0 41	1 4	0 40	16 22	1 5	6 42	1 2	19 14	1 59	23 31	0 23	3 45	1 34	1 28	15 19	9 41	9 30	17 31	1 10	3 38
T 20	11 14	18 8	3 39	3 39	0 56	1 35	0 37	16 7	1 5	6 37	1 2	19 14	1 59	23 31	0 23	3 46	1 34	1 28	15 18	9 41	9 32	17 30	1 11	3 38
F 21	10 53	16 43	2 47	2 59	1 11	2 7	0 34	15 53	1 5	6 31	1 2	19 14	1 59	23 31	0 23	3 47	1 34	1 28	15 18	9 41	9 33	17 30	1 12	3 38
S 22	10 31	14 35	1 48	2 21	1 26	2 38	0 31	15 38	1 5	6 25	1 2	19 14	1 59	23 31	0 23	3 48	1 34	1 29	15 18	9 41	9 34	17 29	1 13	3 38
S 23	10 10	11 48	0 44	1 47	1 41	3 9	0 28	15 22	1 6	6 20	1 2	19 15	2 0	23 31	0 23	3 48	1 34	1 29	15 18	9 41	9 35	17 29	1 15	3 37
M24	9 48	8 30	0s23	1 16	1 56	3 41	0 25	15 7	1 6	6 14	1 2	19 15	2 0	23 31	0 23	3 49	1 34	1 30	15 17	9 41	9 36	17 28	1 16	3 37
T 25	9 25	4 48	1 30	0 49	2 11	4 12	0 22	14 52	1 6	6 9	1 2	19 15	2 0	23 31	0 23	3 50	1 34	1 30	15 17	9 41	9 37	17 27	1 17	3 37
W26	9 3	0 51	2 33	0 25	2 25	4 43	0 19	14 36	1 6	6 3	1 2	19 15	2 0	23 32	0 23	3 51	1 34	1 31	15 17	9 41	9 39	17 27	1 19	3 37
T 27	8 41	3n12	3 30	0 7	2 38	5 14	0 16	14 21	1 6	5 57	1 2	19 15	2 0	23 32	0 23	3 51	1 34	1 31	15 16	9 41	9 40	17 26	1 20	3 37
F 28	8 18	7 9	4 18	0n 8	2 51	5 45	0 12	14 5	1 6	5 52	1 2	19 16	2 0	23 32	0 23	3 52	1 34	1 32	15 16	9 42	9 41	17 25	1 21	3 37
S 29	7s56	10n51	4s53	0n17	3n 3	6n16	0s 9	13s49	1s 6	5s46	1s 2	19s16	2n 0	23n32	0n23	3n53	1s34	1n32	15s16	9n42	9n42	17s25	1n22	3n37

Julian Day Number = 2403363.5, Delta T = 4.77 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'53, Lahiri = 22°00'54

ASTRODIENST EPHEMERIS for the year 1868
geocentric

MARCH 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 18	10♓43'40	25♉32	23°R28	17♈29	27♒ 2	18♓ 3	5♐33	8°R54	13♈30	14♉20	4°R58	4♍54	29♋ 5	25♓11	S 1
M 2	10 40 15	11°43'49	9♊10	23♓ 7	18°41	27°49	18°18	5°34	8♋53	13°32	14°20	4°D58	4°51	29°12	25°14	M 2
T 3	10 44 11	12°43'56	23° 6	22°37	19°52	28°36	18°32	5°35	8°53	13°34	14°21	4♍58	4°48	29°18	25°18	T 3
W 4	10 48 8	13°44'01	7♋19	22° 0	21° 4	29°24	18°47	5°36	8°52	13°36	14°22	4°58	4°45	29°25	25°22	W 4
T 5	10 52 4	14°44'03	21°48	21°16	22°16	0♓11	19° 1	5°37	8°51	13°39	14°23	4°59	4°41	29°32	25°25	T 5
F 6	10 56 1	15°44'04	6♌30	20°26	23°27	0°58	19°16	5°38	8°51	13°41	14°23	5° 0	4°38	29°38	25°29	F 6
S 7	10 59 57	16°44'02	21°18	19°32	24°39	1°45	19°30	5°39	8°50	13°43	14°24	5° 0	4°35	29°45	25°32	S 7
S 8	11 3 54	17°43'58	6♍ 6	18°34	25°50	2°32	19°45	5°40	8°50	13°45	14°25	5°R 1	4°32	29°52	25°36	S 8
M 9	11 7 50	18°43'52	20°47	17°36	27° 1	3°20	19°59	5°41	8°49	13°47	14°26	5° 0	4°29	29°58	25°40	M 9
T 10	11 11 47	19°43'44	5♎14	16°36	28°12	4° 7	20°14	5°41	8°49	13°49	14°27	4°59	4°26	0♒ 5	25°43	T 10
W11	11 15 44	20°43'35	19°21	15°38	29°23	4°54	20°29	5°41	8°48	13°51	14°28	4°57	4°22	0°12	25°47	W11
T 12	11 19 40	21°43'23	3♏ 5	14°42	0♉34	5°41	20°43	5°42	8°48	13°53	14°28	4°55	4°19	0°18	25°51	T 12
F 13	11 23 37	22°43'10	16°24	13°50	1°44	6°28	20°58	5°42	8°48	13°55	14°29	4°53	4°16	0°25	25°54	F 13
S 14	11 27 33	23°42'55	29°18	13° 1	2°55	7°16	21°12	5°42	8°48	13°57	14°30	4°50	4°13	0°32	25°58	S 14
S 15	11 31 30	24°42'39	11♐51	12°17	4° 6	8° 3	21°27	5°R42	8°48	14° 0	14°31	4°49	4°10	0°38	26° 2	S 15
M16	11 35 26	25°42'20	24° 6	11°39	5°16	8°50	21°41	5°42	8°47	14° 2	14°32	4°D48	4° 6	0°45	26° 5	M16
T 17	11 39 23	26°42'00	6♑ 7	11° 6	6°26	9°37	21°56	5°42	8°D47	14° 4	14°33	4°49	4° 3	0°52	26° 9	T 17
W18	11 43 19	27°41'39	17°59	10°40	7°36	10°24	22°10	5°42	8°48	14° 6	14°34	4°50	4° 0	0°58	26°13	W18
T 19	11 47 16	28°41'15	29°48	10°19	8°46	11°11	22°25	5°41	8°48	14° 8	14°35	4°51	3°57	1° 5	26°16	T 19
F 20	11 51 12	29°40'50	11♒37	10° 5	9°56	11°59	22°39	5°41	8°48	14°11	14°36	4°53	3°54	1°12	26°20	F 20
S 21	11 55 9	0♈40'22	23°32	9°57	11° 6	12°46	22°54	5°40	8°48	14°13	14°37	4°55	3°51	1°19	26°24	S 21
S 22	11 59 6	1°39'53	5♓34	9°D55	12°16	13°33	23° 8	5°40	8°48	14°15	14°38	4°R55	3°47	1°25	26°27	S 22
M23	12 3 2	2°39'22	17°49	9°58	13°25	14°20	23°22	5°39	8°49	14°17	14°39	4°54	3°44	1°32	26°31	M23
T 24	12 6 59	3°38'49	0♈16	10° 8	14°35	15° 7	23°37	5°38	8°49	14°19	14°40	4°52	3°41	1°38	26°35	T 24
W25	12 10 55	4°38'14	12°58	10°22	15°44	15°54	23°51	5°37	8°49	14°22	14°41	4°49	3°38	1°45	26°38	W25
T 26	12 14 52	5°37'37	25°54	10°42	16°53	16°41	24° 6	5°36	8°50	14°24	14°42	4°44	3°35	1°52	26°42	T 26
F 27	12 18 48	6°36'57	9♉ 4	11° 6	18° 2	17°28	24°20	5°35	8°50	14°26	14°43	4°39	3°32	1°58	26°46	F 27
S 28	12 22 45	7°36'16	22°28	11°36	19°11	18°15	24°34	5°33	8°51	14°28	14°44	4°34	3°28	2° 5	26°49	S 28
S 29	12 26 41	8°35'32	6♊ 4	12° 9	20°19	19° 2	24°49	5°32	8°52	14°31	14°46	4°29	3°25	2°12	26°53	S 29
M30	12 30 38	9°34'46	19°51	12°46	21°28	19°49	25° 3	5°31	8°52	14°33	14°47	4°26	3°22	2°18	26°56	M30
T 31	12 34 35	10♈33'58	3♋48	13♓28	22♉36	20♓36	25♓17	5♐29	8♋53	14♈35	14♉48	4♍24	3♍19	2♒25	27♓ 0	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	7s33	14n 5	5s13	0n22	3n13	6n47	0s 6	13s33	1s 6	5s40	1s 2	19s16	2n 1	23n32	0n23	3n54	1s34	1n33	15s15	9n42	9n43	17s24	1n24	3n37
M 2	7 10	16 37	5 17	0 22	3 22	7 17	0 2	13 16	1 6	5 35	1 2	19 16	2 1	23 32	0 22	3 55	1 34	1 33	15 15	9 42	9 44	17 23	1 25	3 36
T 3	6 47	18 15	5 2	0 17	3 30	7 48	0n 1	13 0	1 6	5 29	1 2	19 16	2 1	23 32	0 22	3 55	1 34	1 34	15 15	9 42	9 45	17 23	1 26	3 36
W 4	6 24	18 47	4 29	0 7	3 35	8 18	0 5	12 44	1 6	5 23	1 2	19 16	2 1	23 32	0 22	3 56	1 34	1 34	15 14	9 42	9 47	17 22	1 28	3 36
T 5	6 1	18 6	3 38	0s 7	3 39	8 48	0 8	12 27	1 6	5 18	1 2	19 16	2 1	23 32	0 22	3 57	1 34	1 35	15 14	9 41	9 48	17 21	1 29	3 36
F 6	5 38	16 13	2 32	0 25	3 40	9 18	0 12	12 10	1 6	5 12	1 2	19 16	2 1	23 32	0 22	3 58	1 34	1 35	15 14	9 41	9 49	17 21	1 30	3 36
S 7	5 14	13 13	1 15	0 47	3 40	9 48	0 16	11 53	1 6	5 6	1 2	19 16	2 2	23 32	0 22	3 59	1 34	1 36	15 14	9 41	9 50	17 20	1 32	3 36
S 8	4 51	9 22	0n 6	1 11	3 37	10 17	0 19	11 36	1 6	5 1	1 2	19 16	2 2	23 32	0 22	3 59	1 34	1 36	15 13	9 41	9 51	17 19	1 33	3 36
M 9	4 28	4 59	1 26	1 38	3 33	10 46	0 23	11 19	1 6	4 55	1 2	19 16	2 2	23 32	0 22	4 0	1 34	1 37	15 13	9 41	9 52	17 19	1 35	3 36
T 10	4 4	0 22	2 40	2 7	3 26	11 15	0 26	11 2	1 6	4 49	1 2	19 16	2 2	23 32	0 22	4 1	1 34	1 37	15 13	9 41	9 54	17 18	1 36	3 36
W11	3 41	4s10	3 42	2 37	3 18	11 44	0 30	10 45	1 6	4 44	1 2	19 16	2 2	23 32	0 22	4 2	1 33	1 38	15 12	9 42	9 55	17 17	1 37	3 36
T 12	3 17	8 20	4 29	3 8	3 8	12 12	0 34	10 27	1 6	4 38	1 2	19 16	2 2	23 32	0 22	4 3	1 33	1 38	15 12	9 43	9 56	17 17	1 39	3 36
F 13	2 53	11 57	5 0	3 39	2 57	12 40	0 38	10 10	1 6	4 32	1 2	19 16	2 2	23 32	0 22	4 4	1 33	1 39	15 12	9 44	9 57	17 16	1 40	3 35
S 14	2 30	14 54	5 15	4 9	2 45	13 8	0 41	9 52	1 6	4 27	1 2	19 15	2 3	23 32	0 22	4 4	1 33	1 39	15 12	9 45	9 58	17 15	1 41	3 35
S 15	2 6	17 2	5 14	4 38	2 31	13 36	0 45	9 35	1 6	4 21	1 2	19 15	2 3	23 32	0 22	4 5	1 33	1 40	15 11	9 45	9 59	17 15	1 43	3 35
M16	1 42	18 21	4 58	5 5	2 17	14 3	0 49	9 17	1 6	4 15	1 2	19 15	2 3	23 32	0 22	4 6	1 33	1 40	15 11	9 45	10 1	17 14	1 44	3 35
T 17	1 19	18 49	4 30	5 31	2 2	14 30	0 53	8 59	1 6	4 10	1 2	19 15	2 3	23 32	0 22	4 7	1 33	1 41	15 11	9 45	10 2	17 13	1 46	3 35
W18	0 55	18 26	3 51	5 55	1 48	14 57	0 56	8 41	1 6	4 4	1 2	19 15	2 3	23 32	0 22	4 8	1 33	1 41	15 11	9 45	10 3	17 13	1 47	3 35
T 19	0 31	17 15	3 2	6 17	1 32	15 23	1 0	8 23	1 6	3 58	1 2	19 15	2 3	23 32	0 22	4 9	1 33	1 42	15 10	9 44	10 4	17 12	1 48	3 35
F 20	0 8	15 19	2 5	6 36	1 17	15 49	1 4	8 5	1 6	3 52	1 2	19 14	2 4	23 32	0 22	4 10	1 33	1 42	15 10	9 43	10 5	17 11	1 50	3 35
S 21	0n16	12 42	1 2	6 53	1 2	16 14	1 8	7 47	1 6	3 47	1 3	19 14	2 4	23 32	0 22	4 10	1 33	1 43	15 10	9 43	10 6	17 10	1 51	3 35
S 22	0 40	9 32	0s 4	7 8	0 47	16 40	1 11	7 29	1 5	3 41	1 3	19 14	2 4	23 32	0 22	4 11	1 33	1 43	15 10	9 43	10 7	17 10	1 53	3 35
M23	1 3	5 54	1 10	7 20	0 33	17 4	1 15	7 10	1 5	3 35	1 3	19 14	2 4	23 32	0 22	4 12	1 33	1 44	15 9	9 43	10 9	17 9	1 54	3 35
T 24	1 27	1 57	2 15	7 29	0 19	17 29	1 19	6 52	1 5	3 30	1 3	19 13	2 4	23 32	0 22	4 13	1 33	1 44	15 9	9 44	10 10	17 8	1 55	3 35
W25	1 51	2n 9	3 14	7 37	0 5	17 53	1 23	6 34	1 5	3 24	1 3	19 13	2 4	23 32	0 22	4 14	1 33	1 45	15 9	9 45	10 11	17 8	1 57	3 35
T 26	2 14	6 14	4 4	7 41	0s 8	18 16	1 27	6 15	1 5	3 18	1 3	19 13	2 4	23 32	0 22	4 15	1 33	1 45	15 9	9 47	10 12	17 7	1 58	3 35
F 27	2 38	10 5	4 42	7 44	0 21	18 39	1 30	5 57	1 5	3 13	1 3	19 12	2 5	23 32	0 22	4 16	1 33	1 46	15 8	9 49	10 13	17 6	2 0	3 35
S 28	3 1	13 29	5 5	7 44	0 33	19 2	1 34	5 38	1 5	3 7	1 3	19 12	2 5	23 32	0 22	4 16	1 33	1 46	15 8	9 51	10 14	17 5	2 1	3 35
S 29	3 25	16 13	5 12	7 42	0 45	19 24	1 38	5 20	1 4	3 2	1 3	19 12	2 5	23 32	0 22	4 17	1 33	1 47	15 8	9 52	10 16	17 5	2 3	3 35
M30	3 48	18 4	5 1	7 38	0 56	19 46	1 41	5 1	1 4	2 56	1 3	19 11	2 5	23 32	0 22	4 18	1 33	1 47	15 8	9 53	10 17	17 4	2 4	3 35
T 31	4n11	18n52	4s32	7s32	1s 7	20n 7	1n45	4s43	1s 4	2s50	1s 3	19s11	2n 5	23n32	0n22	4n19	1s33	1n48	15s 8	9n54	10n18	17s 3	2n 5	3n35

Julian Day Number = 2403392.5, Delta T = 4.66 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'57, Lahiri = 22°00'58

ASTRODIENST EPHEMERIS for the year 1868
geocentric

APRIL 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 38 31	11♈33'07	17♋53	14♓13	23♉44	21♓23	25♓32	5°R27	8♋54	14♈37	14♉49	4°D24	3♍16	2♒32	27♓ 4	W 1
T 2	12 42 28	12°32'14	2♌ 6	15° 1	24°52	22°10	25°46	5♐26	8°55	14°40	14°50	4♍25	3°12	2°38	27° 7	T 2
F 3	12 46 24	13°31'19	16°24	15°53	26° 0	22°57	26° 0	5°24	8°55	14°42	14°51	4°27	3° 9	2°45	27°11	F 3
S 4	12 50 21	14°30'21	0♍46	16°48	27° 8	23°43	26°14	5°22	8°56	14°44	14°53	4°R28	3° 6	2°52	27°14	S 4
S 5	12 54 17	15°29'21	15° 7	17°46	28°15	24°30	26°28	5°20	8°57	14°47	14°54	4°27	3° 3	2°58	27°18	S 5
M 6	12 58 14	16°28'19	29°23	18°47	29°23	25°17	26°42	5°18	8°58	14°49	14°55	4°25	3° 0	3° 5	27°21	M 6
T 7	13 2 10	17°27'14	13♎31	19°50	0♊30	26° 4	26°56	5°16	9° 0	14°51	14°56	4°21	2°57	3°12	27°25	T 7
W 8	13 6 7	18°26'08	27°24	20°56	1°37	26°50	27°10	5°13	9° 1	14°53	14°57	4°15	2°53	3°18	27°28	W 8
T 9	13 10 4	19°24'59	11♏ 0	22° 4	2°43	27°37	27°24	5°11	9° 2	14°56	14°59	4° 7	2°50	3°25	27°32	T 9
F 10	13 14 0	20°23'49	24°15	23°15	3°50	28°24	27°38	5° 9	9° 3	14°58	15° 0	3°59	2°47	3°32	27°35	F 10
S 11	13 17 57	21°22'37	7♐ 9	24°28	4°56	29°10	27°52	5° 6	9° 5	15° 0	15° 1	3°52	2°44	3°38	27°39	S 11
S 12	13 21 53	22°21'23	19°44	25°43	6° 2	29°57	28° 6	5° 3	9° 6	15° 2	15° 2	3°45	2°41	3°45	27°42	S 12
M13	13 25 50	23°20'08	2♑ 0	27° 1	7° 8	0♈44	28°20	5° 1	9° 7	15° 5	15° 4	3°41	2°37	3°52	27°46	M13
T 14	13 29 46	24°18'50	14° 3	28°20	8°13	1°30	28°34	4°58	9° 9	15° 7	15° 5	3°39	2°34	3°58	27°49	T 14
W15	13 33 43	25°17'31	25°56	29°41	9°19	2°17	28°48	4°55	9°10	15° 9	15° 6	3°D38	2°31	4° 5	27°52	W15
T 16	13 37 39	26°16'10	7♒45	1♈ 4	10°24	3° 3	29° 1	4°52	9°12	15°11	15° 7	3°38	2°28	4°12	27°56	T 16
F 17	13 41 36	27°14'48	19°36	2°30	11°29	3°50	29°15	4°49	9°13	15°14	15° 9	3°40	2°25	4°18	27°59	F 17
S 18	13 45 32	28°13'24	1♓32	3°57	12°34	4°36	29°29	4°46	9°15	15°16	15°10	3°R40	2°22	4°25	28° 2	S 18
S 19	13 49 29	29°11'58	13°40	5°25	13°38	5°22	29°42	4°43	9°17	15°18	15°11	3°40	2°18	4°32	28° 5	S 19
M20	13 53 26	0♉10'30	26° 2	6°56	14°42	6° 9	29°56	4°40	9°18	15°20	15°13	3°37	2°15	4°38	28° 9	M20
T 21	13 57 22	1° 9'01	8♈43	8°29	15°46	6°55	0♈ 9	4°36	9°20	15°22	15°14	3°32	2°12	4°45	28°12	T 21
W22	14 1 19	2° 7'29	21°42	10° 3	16°50	7°41	0°23	4°33	9°22	15°25	15°15	3°25	2° 9	4°52	28°15	W22
T 23	14 5 15	3° 5'56	5♉ 0	11°39	17°53	8°28	0°36	4°30	9°24	15°27	15°17	3°16	2° 6	4°58	28°18	T 23
F 24	14 9 12	4° 4'22	18°36	13°17	18°56	9°14	0°49	4°26	9°26	15°29	15°18	3° 6	2° 3	5° 5	28°21	F 24
S 25	14 13 8	5° 2'45	2♊26	14°56	19°59	10° 0	1° 3	4°23	9°28	15°31	15°19	2°56	1°59	5°12	28°25	S 25
S 26	14 17 5	6° 1'06	16°27	16°38	21° 2	10°46	1°16	4°19	9°30	15°33	15°21	2°47	1°56	5°18	28°28	S 26
M27	14 21 1	6°59'26	0♋34	18°21	22° 4	11°32	1°29	4°15	9°32	15°36	15°22	2°40	1°53	5°25	28°31	M27
T 28	14 24 58	7°57'43	14°43	20° 5	23° 6	12°18	1°42	4°12	9°34	15°38	15°23	2°36	1°50	5°32	28°34	T 28
W29	14 28 55	8°55'58	28°53	21°52	24° 7	13° 4	1°55	4° 8	9°36	15°40	15°25	2°34	1°47	5°38	28°37	W29
T 30	14 32 51	9♉54'11	13♌ 2	23♈40	25♊ 8	13♈50	2♈ 8	4♐ 4	9♋38	15♈42	15♉26	2°D33	1♍43	5♒45	28♓40	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	4n34	18n31	3s47	7s24	1s17	20n28	1n49	4s24	1s 4	2s45	1s 3	19s10	2n 5	23n31	0n22	4n20	1s33	1n48	15s 7	9n54	10n19	17s 2	2n 7	3n35
T 2	4 57	16 59	2 47	7 14	1 26	20 49	1 52	4 5	1 4	2 39	1 3	19 10	2 5	23 31	0 22	4 21	1 33	1 49	15 7	9 54	10 20	17 2	2 8	3 35
F 3	5 20	14 23	1 37	7 2	1 35	21 8	1 56	3 47	1 4	2 34	1 3	19 9	2 5	23 31	0 22	4 22	1 33	1 49	15 7	9 53	10 21	17 1	2 10	3 35
S 4	5 43	10 54	0 20	6 48	1 44	21 28	1 59	3 28	1 3	2 28	1 3	19 9	2 6	23 31	0 22	4 23	1 33	1 50	15 7	9 53	10 22	17 0	2 11	3 35
S 5	6 6	6 45	0n58	6 33	1 51	21 47	2 3	3 9	1 3	2 23	1 4	19 9	2 6	23 31	0 22	4 23	1 33	1 50	15 7	9 53	10 24	16 59	2 12	3 35
M 6	6 29	2 15	2 11	6 15	1 58	22 5	2 6	2 50	1 3	2 17	1 4	19 8	2 6	23 31	0 22	4 24	1 33	1 51	15 7	9 54	10 25	16 59	2 14	3 35
T 7	6 51	2s20	3 16	5 57	2 5	22 23	2 10	2 32	1 3	2 11	1 4	19 8	2 6	23 31	0 22	4 25	1 33	1 51	15 6	9 55	10 26	16 58	2 15	3 35
W 8	7 14	6 42	4 7	5 36	2 11	22 40	2 13	2 13	1 2	2 6	1 4	19 7	2 6	23 31	0 22	4 26	1 33	1 52	15 6	9 58	10 27	16 57	2 17	3 35
T 9	7 36	10 38	4 44	5 14	2 16	22 57	2 16	1 54	1 2	2 0	1 4	19 6	2 6	23 31	0 22	4 27	1 33	1 52	15 6	10 0	10 28	16 56	2 18	3 35
F 10	7 58	13 56	5 4	4 51	2 21	23 13	2 19	1 35	1 2	1 55	1 4	19 6	2 6	23 31	0 22	4 28	1 33	1 53	15 6	10 3	10 29	16 56	2 19	3 35
S 11	8 21	16 28	5 8	4 26	2 26	23 28	2 23	1 16	1 2	1 50	1 4	19 5	2 6	23 31	0 22	4 29	1 33	1 53	15 6	10 6	10 30	16 55	2 21	3 35
S 12	8 42	18 8	4 56	3 59	2 29	23 43	2 26	0 58	1 1	1 44	1 4	19 5	2 7	23 31	0 22	4 30	1 33	1 54	15 6	10 8	10 32	16 54	2 22	3 35
M13	9 4	18 55	4 32	3 31	2 32	23 58	2 29	0 39	1 1	1 39	1 4	19 4	2 7	23 30	0 22	4 30	1 33	1 54	15 5	10 10	10 33	16 53	2 23	3 35
T 14	9 26	18 49	3 55	3 2	2 35	24 11	2 32	0 20	1 1	1 33	1 4	19 4	2 7	23 30	0 22	4 31	1 33	1 55	15 5	10 11	10 34	16 52	2 25	3 35
W15	9 47	17 53	3 9	2 32	2 37	24 25	2 35	0 1	1 1	1 28	1 4	19 3	2 7	23 30	0 22	4 32	1 33	1 55	15 5	10 11	10 35	16 52	2 26	3 35
T 16	10 9	16 10	2 15	2 0	2 39	24 37	2 38	0n17	1 0	1 23	1 5	19 2	2 7	23 30	0 22	4 33	1 33	1 55	15 5	10 11	10 36	16 51	2 28	3 35
F 17	10 30	13 46	1 15	1 27	2 40	24 49	2 40	0 36	1 0	1 17	1 5	19 2	2 7	23 30	0 22	4 34	1 33	1 56	15 5	10 10	10 37	16 50	2 29	3 35
S 18	10 51	10 45	0 11	0 53	2 40	25 1	2 43	0 55	1 0	1 12	1 5	19 1	2 7	23 30	0 22	4 35	1 33	1 56	15 5	10 10	10 38	16 49	2 30	3 35
S 19	11 12	7 15	0s53	0 18	2 40	25 12	2 46	1 14	0 59	1 7	1 5	19 1	2 7	23 30	0 22	4 36	1 33	1 57	15 5	10 10	10 40	16 48	2 32	3 35
M20	11 32	3 22	1 57	0n19	2 39	25 22	2 48	1 32	0 59	1 1	1 5	19 0	2 7	23 30	0 22	4 36	1 33	1 57	15 5	10 11	10 41	16 48	2 33	3 35
T 21	11 53	0n45	2 56	0 56	2 38	25 31	2 51	1 51	0 59	0 56	1 5	18 59	2 7	23 29	0 22	4 37	1 34	1 58	15 5	10 13	10 42	16 47	2 34	3 35
W22	12 13	4 56	3 48	1 35	2 37	25 40	2 53	2 9	0 59	0 51	1 5	18 59	2 7	23 29	0 22	4 38	1 34	1 58	15 4	10 16	10 43	16 46	2 35	3 35
T 23	12 33	8 59	4 28	2 14	2 34	25 49	2 56	2 28	0 58	0 46	1 5	18 58	2 7	23 29	0 22	4 39	1 34	1 59	15 4	10 19	10 44	16 45	2 37	3 35
F 24	12 53	12 39	4 54	2 55	2 32	25 57	2 58	2 46	0 58	0 40	1 5	18 57	2 8	23 29	0 22	4 40	1 34	1 59	15 4	10 22	10 45	16 44	2 38	3 35
S 25	13 13	15 42	5 4	3 37	2 28	26 4	3 0	3 5	0 58	0 35	1 6	18 56	2 8	23 29	0 22	4 40	1 34	2 0	15 4	10 26	10 46	16 44	2 39	3 35
S 26	13 32	17 52	4 55	4 19	2 24	26 10	3 2	3 23	0 57	0 30	1 6	18 56	2 8	23 29	0 22	4 41	1 34	2 0	15 4	10 29	10 48	16 43	2 41	3 35
M27	13 51	18 58	4 29	5 2	2 20	26 16	3 4	3 42	0 57	0 25	1 6	18 55	2 8	23 29	0 22	4 42	1 34	2 0	15 4	10 32	10 49	16 42	2 42	3 35
T 28	14 10	18 54	3 46	5 46	2 15	26 22	3 6	4 0	0 56	0 20	1 6	18 54	2 8	23 28	0 22	4 43	1 34	2 1	15 4	10 33	10 50	16 41	2 43	3 35
W29	14 29	17 38	2 49	6 31	2 10	26 27	3 7	4 18	0 56	0 15	1 6	18 54	2 8	23 28	0 22	4 44	1 34	2 1	15 4	10 34	10 51	16 40	2 44	3 35
T 30	14n48	15n17	1s42	7n16	2s 4	26n31	3n 9	4n36	0s56	0s10	1s 6	18s53	2n 8	23n28	0n22	4n44	1s34	2n 2	15s 4	10n34	10n52	16s39	2n46	3n35

Julian Day Number = 2403423.5, Delta T = 4.55 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'02, Lahiri = 22°01'02

ASTRODIENST EPHEMERIS for the year 1868
geocentric

MAY 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 36 48	10♉52'22	27♌ 7	25♈31	26♊ 9	14♈36	2♈21	4°R 0	9♋41	15♈44	15♉27	2°R34	1♍40	5♒52	28♓43	F 1
S 2	14 40 44	11°50'31	11♍ 8	27°23	27°10	15°22	2°34	3♐56	9°43	15°46	15°29	2♍33	1°37	5°58	28°45	S 2
S 3	14 44 41	12°48'38	25° 5	29°16	28°10	16° 8	2°47	3°52	9°45	15°48	15°30	2°32	1°34	6° 5	28°48	S 3
M 4	14 48 37	13°46'43	8♎55	1♉12	29° 9	16°54	2°59	3°48	9°47	15°50	15°31	2°27	1°31	6°12	28°51	M 4
T 5	14 52 34	14°44'46	22°37	3° 9	0♋ 9	17°39	3°12	3°44	9°50	15°52	15°33	2°20	1°28	6°18	28°54	T 5
W 6	14 56 30	15°42'48	6♏ 8	5° 8	1° 7	18°25	3°24	3°40	9°52	15°54	15°34	2°11	1°24	6°25	28°57	W 6
T 7	15 0 27	16°40'47	19°25	7° 9	2° 6	19°11	3°37	3°36	9°55	15°56	15°36	1°59	1°21	6°32	28°59	T 7
F 8	15 4 24	17°38'46	2♐27	9°12	3° 4	19°56	3°49	3°32	9°57	15°58	15°37	1°47	1°18	6°38	29° 2	F 8
S 9	15 8 20	18°36'42	15°12	11°16	4° 1	20°42	4° 2	3°28	10° 0	16° 0	15°38	1°35	1°15	6°45	29° 5	S 9
S 10	15 12 17	19°34'38	27°41	13°21	4°58	21°27	4°14	3°23	10° 2	16° 2	15°40	1°24	1°12	6°52	29° 7	S 10
M11	15 16 13	20°32'31	9♑55	15°28	5°55	22°13	4°26	3°19	10° 5	16° 4	15°41	1°16	1° 9	6°58	29°10	M11
T 12	15 20 10	21°30'24	21°56	17°36	6°51	22°58	4°38	3°15	10° 8	16° 6	15°42	1°11	1° 5	7° 5	29°13	T 12
W13	15 24 6	22°28'15	3♒49	19°45	7°46	23°44	4°50	3°10	10°10	16° 8	15°44	1° 7	1° 2	7°12	29°15	W13
T 14	15 28 3	23°26'05	15°37	21°55	8°41	24°29	5° 2	3° 6	10°13	16°10	15°45	1° 6	0°59	7°18	29°18	T 14
F 15	15 31 59	24°23'54	27°28	24° 6	9°36	25°14	5°14	3° 2	10°16	16°12	15°46	1° 6	0°56	7°25	29°20	F 15
S 16	15 35 56	25°21'42	9♓25	26°17	10°30	26° 0	5°26	2°57	10°19	16°14	15°48	1° 6	0°53	7°32	29°22	S 16
S 17	15 39 53	26°19'28	21°34	28°29	11°23	26°45	5°37	2°53	10°21	16°16	15°49	1° 5	0°49	7°38	29°25	S 17
M18	15 43 49	27°17'13	4♈ 0	0♊40	12°16	27°30	5°49	2°48	10°24	16°17	15°50	1° 2	0°46	7°45	29°27	M18
T 19	15 47 46	28°14'57	16°48	2°51	13° 8	28°15	6° 1	2°44	10°27	16°19	15°52	0°56	0°43	7°52	29°29	T 19
W20	15 51 42	29°12'40	29°59	5° 1	13°59	29° 0	6°12	2°39	10°30	16°21	15°53	0°48	0°40	7°58	29°31	W20
T 21	15 55 39	0♊10'22	13♉34	7°11	14°50	29°45	6°23	2°35	10°33	16°23	15°54	0°37	0°37	8° 5	29°34	T 21
F 22	15 59 35	1° 8'03	27°30	9°19	15°40	0♉30	6°35	2°31	10°36	16°25	15°56	0°25	0°34	8°11	29°36	F 22
S 23	16 3 32	2° 5'42	11♊45	11°26	16°29	1°15	6°46	2°26	10°39	16°26	15°57	0°14	0°30	8°18	29°38	S 23
S 24	16 7 28	3° 3'21	26°12	13°31	17°18	2° 0	6°57	2°22	10°42	16°28	15°58	0° 3	0°27	8°25	29°40	S 24
M25	16 11 25	4° 0'58	10♋44	15°34	18° 6	2°45	7° 8	2°17	10°45	16°30	16° 0	29♌55	0°24	8°31	29°42	M25
T 26	16 15 22	4°58'33	25°15	17°35	18°52	3°29	7°19	2°13	10°48	16°31	16° 1	29°49	0°21	8°38	29°44	T 26
W27	16 19 18	5°56'07	9♌40	19°34	19°39	4°14	7°29	2° 8	10°51	16°33	16° 2	29°46	0°18	8°45	29°46	W27
T 28	16 23 15	6°53'40	23°56	21°31	20°24	4°59	7°40	2° 4	10°54	16°35	16° 4	29°45	0°15	8°51	29°48	T 28
F 29	16 27 11	7°51'11	8♍ 1	23°25	21° 8	5°43	7°50	1°59	10°58	16°36	16° 5	29°45	0°11	8°58	29°49	F 29
S 30	16 31 8	8°48'41	21°54	25°17	21°51	6°28	8° 1	1°55	11° 1	16°38	16° 6	29°45	0° 8	9° 5	29°51	S 30
S 31	16 35 4	9♊46'10	5♎36	27♊ 6	22♋34	7♉12	8♈11	1♐50	11♋ 4	16♈39	16♉ 7	29♌43	0♍ 5	9♒11	29♓53	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	15n 6	12n 2	0s29	8n 3	1s58	26n34	3n10	4n55	0s55	0s 5	1s 6	18s52	2n 8	23n28	0n22	4n45	1s34	2n 2	15s 4	10n34	10n53	16s38	2n47	3n35
S 2	15 24	8 6	0n46	8 49	1 51	26 37	3 12	5 13	0 55	0n 0	1 6	18 51	2 8	23 28	0 22	4 46	1 34	2 3	15 4	10 34	10 54	16 38	2 48	3 36
S 3	15 42	3 44	1 57	9 37	1 44	26 39	3 13	5 31	0 54	0 5	1 7	18 50	2 8	23 28	0 22	4 47	1 34	2 3	15 4	10 35	10 55	16 37	2 49	3 36
M 4	15 59	0s47	3 0	10 24	1 36	26 41	3 14	5 49	0 54	0 10	1 7	18 50	2 8	23 27	0 22	4 48	1 34	2 3	15 4	10 36	10 57	16 36	2 50	3 36
T 5	16 16	5 12	3 53	11 12	1 28	26 42	3 15	6 6	0 54	0 15	1 7	18 49	2 8	23 27	0 22	4 48	1 34	2 4	15 4	10 39	10 58	16 35	2 52	3 36
W 6	16 33	9 18	4 31	12 0	1 19	26 43	3 16	6 24	0 53	0 20	1 7	18 48	2 8	23 27	0 22	4 49	1 34	2 4	15 4	10 42	10 59	16 34	2 53	3 36
T 7	16 50	12 52	4 54	12 48	1 10	26 43	3 17	6 42	0 53	0 25	1 7	18 47	2 8	23 27	0 22	4 50	1 34	2 5	15 4	10 47	11 0	16 33	2 54	3 36
F 8	17 6	15 44	5 1	13 37	1 1	26 42	3 17	7 0	0 52	0 29	1 7	18 47	2 8	23 27	0 22	4 51	1 34	2 5	15 4	10 51	11 1	16 32	2 55	3 36
S 9	17 22	17 47	4 53	14 25	0 51	26 41	3 18	7 17	0 52	0 34	1 7	18 46	2 8	23 26	0 22	4 51	1 34	2 5	15 4	10 55	11 2	16 32	2 56	3 36
S 10	17 38	18 55	4 31	15 12	0 41	26 39	3 18	7 35	0 51	0 39	1 8	18 45	2 8	23 26	0 22	4 52	1 34	2 6	15 4	10 59	11 3	16 31	2 57	3 36
M11	17 54	19 9	3 56	15 59	0 31	26 37	3 18	7 52	0 51	0 44	1 8	18 44	2 8	23 26	0 22	4 53	1 34	2 6	15 4	11 2	11 5	16 30	2 58	3 36
T 12	18 9	18 31	3 12	16 46	0 21	26 34	3 18	8 9	0 51	0 48	1 8	18 43	2 8	23 26	0 22	4 53	1 34	2 6	15 4	11 4	11 6	16 29	3 0	3 36
W13	18 24	17 3	2 19	17 32	0 10	26 31	3 18	8 26	0 50	0 53	1 8	18 43	2 8	23 26	0 22	4 54	1 34	2 7	15 4	11 5	11 7	16 28	3 1	3 36
T 14	18 39	14 52	1 21	18 16	0n 1	26 27	3 17	8 43	0 50	0 57	1 8	18 42	2 8	23 25	0 22	4 55	1 34	2 7	15 4	11 5	11 8	16 27	3 2	3 36
F 15	18 53	12 4	0 19	18 59	0 11	26 23	3 17	9 0	0 49	1 2	1 8	18 41	2 8	23 25	0 22	4 56	1 34	2 7	15 4	11 5	11 9	16 26	3 3	3 37
S 16	19 7	8 43	0s44	19 41	0 22	26 18	3 16	9 17	0 49	1 7	1 9	18 40	2 8	23 25	0 22	4 56	1 34	2 8	15 4	11 5	11 10	16 25	3 4	3 37
S 17	19 21	4 58	1 46	20 21	0 32	26 13	3 15	9 34	0 48	1 11	1 9	18 39	2 8	23 25	0 22	4 57	1 34	2 8	15 4	11 6	11 11	16 25	3 5	3 37
M18	19 34	0 56	2 45	20 59	0 42	26 7	3 14	9 51	0 48	1 15	1 9	18 38	2 8	23 24	0 22	4 58	1 34	2 8	15 4	11 7	11 12	16 24	3 6	3 37
T 19	19 47	3n16	3 37	21 35	0 52	26 0	3 13	10 7	0 47	1 20	1 9	18 38	2 8	23 24	0 22	4 58	1 34	2 9	15 4	11 9	11 14	16 23	3 7	3 37
W20	20 0	7 26	4 19	22 9	1 1	25 54	3 12	10 24	0 47	1 24	1 9	18 37	2 8	23 24	0 22	4 59	1 34	2 9	15 4	11 12	11 15	16 22	3 8	3 37
T 21	20 12	11 20	4 48	22 41	1 10	25 46	3 10	10 40	0 46	1 28	1 9	18 36	2 8	23 24	0 22	5 0	1 34	2 9	15 4	11 16	11 16	16 21	3 9	3 37
F 22	20 24	14 44	5 0	23 10	1 19	25 39	3 8	10 56	0 46	1 33	1 10	18 35	2 8	23 24	0 22	5 0	1 34	2 10	15 4	11 20	11 17	16 20	3 10	3 37
S 23	20 36	17 21	4 55	23 36	1 27	25 31	3 6	11 13	0 45	1 37	1 10	18 34	2 8	23 23	0 22	5 1	1 34	2 10	15 4	11 24	11 18	16 19	3 11	3 37
S 24	20 47	18 54	4 30	24 0	1 34	25 22	3 4	11 29	0 45	1 41	1 10	18 34	2 8	23 23	0 22	5 1	1 35	2 10	15 4	11 28	11 19	16 18	3 12	3 38
M25	20 58	19 14	3 48	24 21	1 41	25 14	3 1	11 44	0 44	1 45	1 10	18 33	2 8	23 23	0 22	5 2	1 35	2 11	15 4	11 31	11 20	16 17	3 12	3 38
T 26	21 8	18 17	2 52	24 39	1 47	25 4	2 59	12 0	0 44	1 49	1 10	18 32	2 8	23 23	0 22	5 3	1 35	2 11	15 4	11 33	11 21	16 16	3 13	3 38
W27	21 19	16 10	1 44	24 55	1 52	24 55	2 56	12 16	0 43	1 54	1 11	18 31	2 8	23 22	0 22	5 3	1 35	2 11	15 4	11 34	11 23	16 15	3 14	3 38
T 28	21 28	13 4	0 31	25 8	1 57	24 45	2 53	12 31	0 42	1 58	1 11	18 30	2 7	23 22	0 22	5 4	1 35	2 11	15 4	11 34	11 24	16 14	3 15	3 38
F 29	21 38	9 15	0n44	25 18	2 1	24 35	2 49	12 47	0 42	2 2	1 11	18 29	2 7	23 22	0 22	5 4	1 35	2 12	15 4	11 34	11 25	16 13	3 16	3 38
S 30	21 47	4 58	1 54	25 26	2 4	24 24	2 46	13 2	0 41	2 5	1 11	18 29	2 7	23 21	0 22	5 5	1 35	2 12	15 4	11 34	11 26	16 13	3 17	3 38
S 31	21n56	0n30	2n58	25n31	2n 6	24n14	2n42	13n17	0s41	2n 9	1s11	18s28	2n 7	23n21	0n22	5n 5	1s35	2n12	15s 5	11n35	11n27	16s12	3n18	3n38

Julian Day Number = 2403453.5, Delta T = 4.44 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'06, Lahiri = 22°01'06

ASTRODIENST EPHEMERIS for the year 1868
geocentric

JUNE 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 39 1	10♊43'37	19♎ 6	28♊53	23♋15	7♉56	8♈21	1°R46	11♋ 7	16♈41	16♉ 9	29°R39	0♍ 2	9♒18	29♓55	M 1
T 2	16 42 57	11°41'03	2♏25	0♋37	23°55	8°41	8°31	1♐42	11°10	16°42	16°10	29♌31	29♌59	9°25	29°56	T 2
W 3	16 46 54	12°38'28	15°33	2°18	24°34	9°25	8°41	1°37	11°14	16°44	16°11	29°22	29°55	9°31	29°58	W 3
T 4	16 50 51	13°35'51	28°29	3°56	25°12	10° 9	8°51	1°33	11°17	16°45	16°12	29°10	29°52	9°38	29°59	T 4
F 5	16 54 47	14°33'14	11♐12	5°32	25°49	10°53	9° 1	1°29	11°20	16°47	16°14	28°58	29°49	9°45	0♈ 1	F 5
S 6	16 58 44	15°30'36	23°43	7° 4	26°25	11°38	9°11	1°24	11°24	16°48	16°15	28°46	29°46	9°51	0° 2	S 6
S 7	17 2 40	16°27'58	6♌ 0	8°34	26°59	12°22	9°20	1°20	11°27	16°49	16°16	28°35	29°43	9°58	0° 4	S 7
M 8	17 6 37	17°25'18	18° 7	10° 1	27°32	13° 6	9°30	1°16	11°30	16°51	16°17	28°27	29°40	10° 5	0° 5	M 8
T 9	17 10 33	18°22'38	0♒ 4	11°26	28° 3	13°49	9°39	1°12	11°34	16°52	16°18	28°21	29°36	10°11	0° 6	T 9
W10	17 14 30	19°19'57	11°54	12°47	28°33	14°33	9°48	1° 8	11°37	16°53	16°20	28°17	29°33	10°18	0° 8	W10
T 11	17 18 26	20°17'16	23°42	14° 5	29° 2	15°17	9°57	1° 4	11°41	16°55	16°21	28°D16	29°30	10°25	0° 9	T 11
F 12	17 22 23	21°14'34	5♓31	15°21	29°29	16° 1	10° 6	0°59	11°44	16°56	16°22	28°16	29°27	10°31	0°10	F 12
S 13	17 26 20	22°11'52	17°27	16°33	29°55	16°45	10°15	0°55	11°48	16°57	16°23	28°R16	29°24	10°38	0°11	S 13
S 14	17 30 16	23° 9'10	29°36	17°42	0♌18	17°28	10°23	0°51	11°51	16°58	16°24	28°16	29°20	10°45	0°12	S 14
M15	17 34 13	24° 6'27	12♈ 3	18°48	0°40	18°12	10°32	0°48	11°54	16°59	16°25	28°15	29°17	10°51	0°13	M15
T 16	17 38 9	25° 3'44	24°51	19°51	1° 1	18°55	10°40	0°44	11°58	17° 0	16°26	28°11	29°14	10°58	0°14	T 16
W17	17 42 6	26° 1'00	8♉ 5	20°51	1°19	19°39	10°49	0°40	12° 2	17° 1	16°27	28° 5	29°11	11° 4	0°15	W17
T 18	17 46 2	26°58'17	21°47	21°47	1°36	20°22	10°57	0°36	12° 5	17° 3	16°28	27°58	29° 8	11°11	0°16	T 18
F 19	17 49 59	27°55'33	5♊54	22°39	1°50	21° 6	11° 5	0°32	12° 9	17° 4	16°30	27°49	29° 5	11°18	0°16	F 19
S 20	17 53 55	28°52'49	20°25	23°28	2° 3	21°49	11°13	0°29	12°12	17° 5	16°31	27°39	29° 1	11°24	0°17	S 20
S 21	17 57 52	29°50'04	5♋11	24°14	2°14	22°32	11°20	0°25	12°16	17° 6	16°32	27°31	28°58	11°31	0°18	S 21
M22	18 1 49	0♋47'19	20° 5	24°55	2°22	23°15	11°28	0°21	12°19	17° 6	16°33	27°25	28°55	11°38	0°19	M22
T 23	18 5 45	1°44'34	4♌59	25°33	2°28	23°58	11°35	0°18	12°23	17° 7	16°34	27°20	28°52	11°44	0°19	T 23
W24	18 9 42	2°41'48	19°45	26° 6	2°32	24°41	11°42	0°15	12°26	17° 8	16°35	27°19	28°49	11°51	0°20	W24
T 25	18 13 38	3°39'02	4♍16	26°36	2°R34	25°24	11°50	0°11	12°30	17° 9	16°36	27°D19	28°46	11°58	0°20	T 25
F 26	18 17 35	4°36'15	18°31	27° 1	2°34	26° 7	11°57	0° 8	12°34	17°10	16°37	27°19	28°42	12° 4	0°20	F 26
S 27	18 21 31	5°33'27	2♎27	27°22	2°31	26°50	12° 3	0° 5	12°37	17°11	16°38	27°R20	28°39	12°11	0°21	S 27
S 28	18 25 28	6°30'39	16° 4	27°38	2°25	27°33	12°10	0° 2	12°41	17°11	16°39	27°20	28°36	12°18	0°21	S 28
M29	18 29 24	7°27'50	29°24	27°50	2°18	28°15	12°16	29♏58	12°45	17°12	16°40	27°18	28°33	12°24	0°21	M29
T 30	18 33 21	8♋25'02	12♏29	27♋57	2♌ 8	28♉58	12♈23	29♏55	12♋48	17♈13	16♉40	27♌13	28♌30	12♒31	0♈22	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 4	3s56	3n50	25n35	2n 8	24n 3	2n38	13n32	0s40	2n13	1s12	18s27	2n 7	23n21	0n22	5n 6	1s35	2n12	15s 5	11n36	11n28	16s11	3n18	3n38
T 2	22 12	8 7	4 29	25 36	2 8	23 51	2 34	13 47	0 40	2 17	1 12	18 26	2 7	23 21	0 22	5 6	1 35	2 13	15 5	11 39	11 29	16 10	3 19	3 39
W 3	22 20	11 50	4 53	25 34	2 8	23 40	2 29	14 1	0 39	2 21	1 12	18 26	2 7	23 20	0 22	5 7	1 35	2 13	15 5	11 42	11 30	16 9	3 20	3 39
T 4	22 27	14 56	5 1	25 31	2 8	23 28	2 24	14 16	0 38	2 24	1 12	18 25	2 7	23 20	0 22	5 8	1 35	2 13	15 5	11 46	11 31	16 8	3 21	3 39
F 5	22 34	17 16	4 55	25 26	2 6	23 16	2 19	14 30	0 38	2 28	1 12	18 24	2 7	23 20	0 22	5 8	1 35	2 13	15 5	11 51	11 33	16 7	3 21	3 39
S 6	22 40	18 45	4 34	25 19	2 4	23 4	2 13	14 44	0 37	2 32	1 13	18 23	2 7	23 20	0 22	5 8	1 35	2 13	15 5	11 55	11 34	16 6	3 22	3 39
S 7	22 46	19 19	4 0	25 11	2 1	22 52	2 8	14 58	0 37	2 35	1 13	18 23	2 7	23 19	0 22	5 9	1 35	2 14	15 5	11 58	11 35	16 5	3 23	3 39
M 8	22 52	18 59	3 16	25 1	1 57	22 39	2 1	15 12	0 36	2 39	1 13	18 22	2 6	23 19	0 22	5 9	1 35	2 14	15 5	12 1	11 36	16 4	3 23	3 39
T 9	22 57	17 48	2 24	24 50	1 52	22 27	1 55	15 26	0 35	2 42	1 13	18 21	2 6	23 19	0 22	5 10	1 35	2 14	15 6	12 3	11 37	16 3	3 24	3 40
W10	23 2	15 51	1 26	24 37	1 47	22 14	1 48	15 40	0 35	2 46	1 13	18 20	2 6	23 18	0 22	5 10	1 35	2 14	15 6	12 5	11 38	16 2	3 25	3 40
T 11	23 6	13 15	0 24	24 23	1 41	22 1	1 41	15 53	0 34	2 49	1 14	18 20	2 6	23 18	0 22	5 11	1 35	2 14	15 6	12 5	11 39	16 1	3 25	3 40
F 12	23 10	10 6	0s39	24 8	1 34	21 48	1 34	16 6	0 34	2 52	1 14	18 19	2 6	23 18	0 22	5 11	1 35	2 15	15 6	12 5	11 40	16 0	3 26	3 40
S 13	23 13	6 30	1 41	23 52	1 27	21 35	1 26	16 19	0 33	2 55	1 14	18 18	2 6	23 17	0 22	5 12	1 35	2 15	15 6	12 5	11 41	15 59	3 26	3 40
S 14	23 17	2 36	2 39	23 35	1 19	21 22	1 18	16 32	0 32	2 59	1 14	18 18	2 6	23 17	0 22	5 12	1 36	2 15	15 6	12 5	11 43	15 58	3 27	3 40
M15	23 19	1n31	3 32	23 17	1 10	21 10	1 10	16 45	0 32	3 2	1 15	18 17	2 5	23 17	0 22	5 12	1 36	2 15	15 6	12 5	11 44	15 57	3 27	3 40
T 16	23 22	5 40	4 15	22 59	1 1	20 57	1 1	16 58	0 31	3 5	1 15	18 16	2 5	23 17	0 22	5 13	1 36	2 15	15 7	12 7	11 45	15 56	3 28	3 40
W17	23 24	9 41	4 47	22 40	0 50	20 44	0 52	17 10	0 30	3 8	1 15	18 16	2 5	23 16	0 22	5 13	1 36	2 15	15 7	12 9	11 46	15 55	3 28	3 41
T 18	23 25	13 20	5 3	22 21	0 40	20 31	0 43	17 22	0 30	3 11	1 15	18 15	2 5	23 16	0 22	5 13	1 36	2 15	15 7	12 11	11 47	15 54	3 29	3 41
F 19	23 26	16 21	5 2	22 1	0 29	20 18	0 33	17 35	0 29	3 14	1 16	18 14	2 5	23 16	0 22	5 14	1 36	2 15	15 7	12 15	11 48	15 53	3 29	3 41
S 20	23 27	18 26	4 41	21 41	0 17	20 5	0 23	17 46	0 28	3 16	1 16	18 14	2 5	23 15	0 22	5 14	1 36	2 16	15 7	12 18	11 49	15 52	3 30	3 41
S 21	23 27	19 19	4 2	21 21	0 4	19 53	0 13	17 58	0 28	3 19	1 16	18 13	2 5	23 15	0 22	5 14	1 36	2 16	15 8	12 21	11 50	15 51	3 30	3 41
M22	23 27	18 53	3 6	21 1	0s 9	19 40	0 2	18 10	0 27	3 22	1 16	18 13	2 4	23 15	0 22	5 15	1 36	2 16	15 8	12 23	11 51	15 50	3 30	3 41
T 23	23 27	17 8	1 57	20 41	0 22	19 28	0s 9	18 21	0 26	3 25	1 17	18 12	2 4	23 14	0 22	5 15	1 36	2 16	15 8	12 24	11 53	15 49	3 31	3 41
W24	23 26	14 16	0 41	20 21	0 36	19 16	0 21	18 32	0 26	3 27	1 17	18 12	2 4	23 14	0 22	5 15	1 36	2 16	15 8	12 25	11 54	15 48	3 31	3 42
T 25	23 24	10 32	0n37	20 1	0 50	19 4	0 33	18 43	0 25	3 30	1 17	18 11	2 4	23 14	0 22	5 16	1 36	2 16	15 8	12 25	11 55	15 47	3 31	3 42
F 26	23 22	6 15	1 52	19 42	1 5	18 52	0 45	18 54	0 24	3 32	1 17	18 11	2 4	23 13	0 22	5 16	1 36	2 16	15 9	12 25	11 56	15 46	3 32	3 42
S 27	23 20	1 45	2 58	19 23	1 20	18 41	0 57	19 5	0 24	3 35	1 18	18 10	2 3	23 13	0 22	5 16	1 36	2 16	15 9	12 24	11 57	15 45	3 32	3 42
S 28	23 18	2s45	3 52	19 5	1 35	18 30	1 10	19 15	0 23	3 37	1 18	18 10	2 3	23 13	0 22	5 16	1 36	2 16	15 9	12 24	11 58	15 44	3 32	3 42
M29	23 15	7 1	4 32	18 48	1 51	18 19	1 23	19 25	0 22	3 39	1 18	18 9	2 3	23 12	0 22	5 17	1 36	2 16	15 9	12 25	11 59	15 43	3 32	3 42
T 30	23n11	10s52	4n58	18n31	2s 6	18n 8	1s37	19n35	0s22	3n42	1s18	18s 9	2n 3	23n12	0n22	5n17	1s36	2n16	15s 9	12n27	12n 0	15s42	3n33	3n42

Julian Day Number = 2403484.5, Delta T = 4.33 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'10, Lahiri = 22°01'10

ASTRODIENST EPHEMERIS for the year 1868
geocentric

JULY 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 37 18	9♋22'13	25♏19	27°R59	1°R55	29♉41	12♈29	29°R53	12♋52	17♈13	16♉41	27°R 7	28♌26	12♒38	0♈22	W 1
T 2	18 41 14	10°19'23	7♐57	27♋57	1♌40	0♊23	12°35	29♏50	12°55	17°14	16°42	27♌ 0	28°23	12°44	0°22	T 2
F 3	18 45 11	11°16'34	20°22	27°50	1°23	1° 6	12°41	29°47	12°59	17°15	16°43	26°52	28°20	12°51	0°R22	F 3
S 4	18 49 7	12°13'44	2♑38	27°39	1° 3	1°48	12°46	29°44	13° 3	17°15	16°44	26°44	28°17	12°58	0°22	S 4
S 5	18 53 4	13°10'55	14°43	27°23	0°41	2°30	12°52	29°42	13° 6	17°16	16°45	26°37	28°14	13° 4	0°22	S 5
M 6	18 57 0	14° 8'05	26°41	27° 3	0°17	3°12	12°57	29°39	13°10	17°16	16°46	26°31	28°11	13°11	0°22	M 6
T 7	19 0 57	15° 5'16	8♒33	26°39	29♋51	3°55	13° 3	29°36	13°14	17°17	16°46	26°28	28° 7	13°18	0°21	T 7
W 8	19 4 54	16° 2'27	20°21	26°11	29°23	4°37	13° 8	29°34	13°17	17°17	16°47	26°26	28° 4	13°24	0°21	W 8
T 9	19 8 50	16°59'38	2♓ 8	25°40	28°54	5°19	13°12	29°32	13°21	17°18	16°48	26°D26	28° 1	13°31	0°21	T 9
F 10	19 12 47	17°56'50	13°58	25° 6	28°22	6° 1	13°17	29°30	13°24	17°18	16°49	26°27	27°58	13°37	0°20	F 10
S 11	19 16 43	18°54'02	25°55	24°30	27°49	6°43	13°22	29°27	13°28	17°18	16°49	26°29	27°55	13°44	0°20	S 11
S 12	19 20 40	19°51'15	8♈ 4	23°51	27°15	7°24	13°26	29°25	13°32	17°19	16°50	26°30	27°52	13°51	0°20	S 12
M13	19 24 36	20°48'28	20°29	23°12	26°40	8° 6	13°30	29°23	13°35	17°19	16°51	26°R31	27°48	13°57	0°19	M13
T 14	19 28 33	21°45'41	3♉15	22°32	26° 4	8°48	13°34	29°22	13°39	17°19	16°51	26°30	27°45	14° 4	0°19	T 14
W15	19 32 29	22°42'56	16°26	21°52	25°27	9°29	13°38	29°20	13°43	17°19	16°52	26°28	27°42	14°11	0°18	W15
T 16	19 36 26	23°40'11	0♊ 5	21°14	24°49	10°11	13°41	29°18	13°46	17°19	16°53	26°25	27°39	14°17	0°17	T 16
F 17	19 40 22	24°37'27	14°12	20°36	24°12	10°52	13°45	29°16	13°50	17°20	16°53	26°20	27°36	14°24	0°17	F 17
S 18	19 44 19	25°34'44	28°44	20° 1	23°35	11°34	13°48	29°15	13°53	17°20	16°54	26°16	27°32	14°31	0°16	S 18
S 19	19 48 16	26°32'01	13♋37	19°29	22°58	12°15	13°51	29°13	13°57	17°20	16°55	26°12	27°29	14°37	0°15	S 19
M20	19 52 12	27°29'19	28°42	19° 0	22°21	12°56	13°54	29°12	14° 1	17°20	16°55	26° 9	27°26	14°44	0°14	M20
T 21	19 56 9	28°26'37	13♌51	18°36	21°45	13°38	13°57	29°11	14° 4	17°R20	16°56	26° 7	27°23	14°51	0°13	T 21
W22	20 0 5	29°23'56	28°54	18°16	21°11	14°19	13°59	29°10	14° 8	17°20	16°56	26°D 7	27°20	14°57	0°12	W22
T 23	20 4 2	0♌21'15	13♍43	18° 0	20°37	15° 0	14° 1	29° 9	14°11	17°20	16°57	26° 7	27°17	15° 4	0°11	T 23
F 24	20 7 58	1°18'35	28°13	17°50	20° 5	15°41	14° 4	29° 8	14°15	17°20	16°57	26° 9	27°13	15°11	0°10	F 24
S 25	20 11 55	2°15'55	12♎19	17°D46	19°34	16°22	14° 5	29° 7	14°18	17°19	16°58	26°10	27°10	15°17	0° 9	S 25
S 26	20 15 52	3°13'16	26° 2	17°48	19° 5	17° 2	14° 7	29° 6	14°22	17°19	16°58	26°11	27° 7	15°24	0° 8	S 26
M27	20 19 48	4°10'37	9♏21	17°55	18°38	17°43	14° 9	29° 5	14°25	17°19	16°59	26°R11	27° 4	15°30	0° 7	M27
T 28	20 23 45	5° 7'58	22°20	18° 9	18°12	18°24	14°10	29° 5	14°29	17°19	16°59	26°10	27° 1	15°37	0° 5	T 28
W29	20 27 41	6° 5'20	5♐ 1	18°29	17°49	19° 4	14°11	29° 4	14°32	17°19	16°59	26° 8	26°58	15°44	0° 4	W29
T 30	20 31 38	7° 2'43	17°26	18°55	17°28	19°45	14°12	29° 4	14°36	17°18	17° 0	26° 6	26°54	15°50	0° 3	T 30
F 31	20 35 34	8♌ 0'06	29♐39	19♋27	17♋10	20♊25	14♈13	29♏ 4	14♋39	17♈18	17♉ 0	26♌ 3	26♌51	15♒57	0♈ 1	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	23n 7	14s 7	5n 8	18n15	2s22	17n57	1s50	19n45	0s21	3n44	1s19	18s 8	2n 3	23n12	0n22	5n17	1s36	2n16	15s10	12n29	12n 1	15s41	3n33	3n43
T 2	23 3	16 40	5 2	18 0	2 38	17 47	2 4	19 55	0 20	3 46	1 19	18 8	2 3	23 11	0 22	5 17	1 37	2 16	15 10	12 31	12 2	15 40	3 33	3 43
F 3	22 59	18 24	4 43	17 47	2 53	17 37	2 18	20 4	0 19	3 48	1 19	18 7	2 2	23 11	0 22	5 17	1 37	2 16	15 10	12 34	12 4	15 39	3 33	3 43
S 4	22 53	19 16	4 10	17 34	3 8	17 28	2 32	20 14	0 19	3 50	1 19	18 7	2 2	23 11	0 22	5 17	1 37	2 16	15 10	12 37	12 5	15 38	3 33	3 43
S 5	22 48	19 13	3 27	17 23	3 23	17 19	2 46	20 23	0 18	3 52	1 20	18 7	2 2	23 10	0 22	5 18	1 37	2 16	15 10	12 39	12 6	15 37	3 33	3 43
M 6	22 42	18 18	2 34	17 13	3 37	17 10	3 0	20 32	0 17	3 54	1 20	18 6	2 2	23 10	0 22	5 18	1 37	2 16	15 11	12 41	12 7	15 36	3 33	3 43
T 7	22 36	16 36	1 36	17 4	3 50	17 1	3 15	20 40	0 17	3 55	1 20	18 6	2 1	23 10	0 22	5 18	1 37	2 16	15 11	12 42	12 8	15 34	3 33	3 43
W 8	22 29	14 11	0 33	16 57	4 3	16 53	3 29	20 49	0 16	3 57	1 20	18 6	2 1	23 9	0 22	5 18	1 37	2 16	15 11	12 43	12 9	15 33	3 33	3 44
T 9	22 22	11 12	0s31	16 52	4 14	16 46	3 43	20 57	0 15	3 59	1 21	18 5	2 1	23 9	0 22	5 18	1 37	2 16	15 11	12 43	12 10	15 32	3 33	3 44
F 10	22 15	7 46	1 34	16 47	4 24	16 38	3 57	21 5	0 14	4 0	1 21	18 5	2 1	23 8	0 22	5 18	1 37	2 16	15 12	12 42	12 11	15 31	3 33	3 44
S 11	22 7	3 59	2 34	16 45	4 33	16 31	4 10	21 13	0 14	4 2	1 21	18 5	2 1	23 8	0 22	5 18	1 37	2 16	15 12	12 42	12 12	15 30	3 33	3 44
S 12	21 59	0n 1	3 28	16 44	4 41	16 25	4 24	21 21	0 13	4 3	1 22	18 5	2 0	23 8	0 22	5 18	1 37	2 16	15 12	12 41	12 13	15 29	3 33	3 44
M13	21 51	4 5	4 13	16 44	4 47	16 18	4 37	21 28	0 12	4 4	1 22	18 5	2 0	23 7	0 22	5 18	1 37	2 16	15 12	12 41	12 15	15 28	3 33	3 44
T 14	21 42	8 6	4 48	16 46	4 52	16 13	4 49	21 36	0 11	4 6	1 22	18 4	2 0	23 7	0 22	5 18	1 37	2 16	15 13	12 41	12 16	15 27	3 33	3 44
W15	21 32	11 50	5 8	16 49	4 55	16 7	5 2	21 43	0 11	4 7	1 22	18 4	2 0	23 7	0 22	5 18	1 37	2 16	15 13	12 42	12 17	15 26	3 33	3 44
T 16	21 23	15 5	5 12	16 54	4 56	16 2	5 13	21 50	0 10	4 8	1 23	18 4	2 0	23 6	0 22	5 18	1 37	2 16	15 13	12 43	12 18	15 25	3 33	3 45
F 17	21 13	17 35	4 58	17 0	4 55	15 58	5 24	21 56	0 9	4 9	1 23	18 4	1 59	23 6	0 22	5 18	1 37	2 16	15 13	12 45	12 19	15 24	3 33	3 45
S 18	21 2	19 3	4 24	17 7	4 53	15 53	5 35	22 3	0 8	4 10	1 23	18 4	1 59	23 6	0 22	5 18	1 37	2 16	15 14	12 46	12 20	15 23	3 33	3 45
S 19	20 52	19 14	3 32	17 16	4 49	15 50	5 45	22 9	0 7	4 11	1 24	18 4	1 59	23 5	0 22	5 18	1 38	2 16	15 14	12 48	12 21	15 21	3 32	3 45
M20	20 41	18 4	2 25	17 25	4 44	15 46	5 54	22 15	0 7	4 12	1 24	18 4	1 59	23 5	0 22	5 18	1 38	2 15	15 14	12 49	12 22	15 20	3 32	3 45
T 21	20 29	15 37	1 7	17 35	4 37	15 43	6 3	22 21	0 6	4 13	1 24	18 4	1 58	23 5	0 22	5 18	1 38	2 15	15 15	12 49	12 23	15 19	3 32	3 45
W22	20 17	12 6	0n15	17 46	4 29	15 41	6 11	22 27	0 5	4 13	1 24	18 4	1 58	23 4	0 22	5 18	1 38	2 15	15 15	12 49	12 24	15 18	3 32	3 45
T 23	20 5	7 52	1 36	17 58	4 19	15 39	6 18	22 32	0 4	4 14	1 25	18 4	1 58	23 4	0 22	5 18	1 38	2 15	15 15	12 49	12 25	15 17	3 31	3 45
F 24	19 53	3 17	2 48	18 10	4 8	15 37	6 24	22 38	0 4	4 15	1 25	18 4	1 58	23 3	0 22	5 18	1 38	2 15	15 15	12 49	12 27	15 16	3 31	3 46
S 25	19 40	1s23	3 48	18 22	3 57	15 36	6 30	22 43	0 3	4 15	1 25	18 4	1 57	23 3	0 22	5 18	1 38	2 15	15 16	12 48	12 28	15 15	3 31	3 46
S 26	19 27	5 49	4 33	18 34	3 44	15 35	6 35	22 47	0 2	4 15	1 26	18 4	1 57	23 3	0 22	5 18	1 38	2 15	15 16	12 48	12 29	15 14	3 30	3 46
M27	19 14	9 51	5 2	18 47	3 30	15 34	6 39	22 52	0 1	4 16	1 26	18 4	1 57	23 2	0 22	5 18	1 38	2 14	15 16	12 48	12 30	15 13	3 30	3 46
T 28	19 0	13 17	5 15	18 59	3 16	15 34	6 42	22 56	0 0	4 16	1 26	18 4	1 57	23 2	0 22	5 18	1 38	2 14	15 16	12 48	12 31	15 11	3 29	3 46
W29	18 46	16 2	5 12	19 11	3 1	15 34	6 45	23 1	0n 0	4 16	1 26	18 4	1 56	23 2	0 22	5 17	1 38	2 14	15 17	12 49	12 32	15 10	3 29	3 46
T 30	18 31	17 59	4 54	19 23	2 46	15 35	6 47	23 5	0 1	4 16	1 27	18 4	1 56	23 1	0 22	5 17	1 38	2 14	15 17	12 50	12 33	15 9	3 29	3 46
F 31	18n17	19s 4	4n23	19n34	2s30	15n36	6s49	23n 9	0n 2	4n16	1s27	18s 4	1n56	23n 1	0n22	5n17	1s38	2n14	15s17	12n51	12n34	15s 8	3n28	3n46

Julian Day Number = 2403514.5, Delta T = 4.22 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'14, Lahiri = 22°01'15

ASTRODIENST EPHEMERIS for the year 1868
geocentric

AUGUST 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 31	8♌57'31	11♋43	20♋ 6	16°R53	21♊ 6	14♈13	29°R 3	14♋42	17°R18	17♉ 0	26°R 0	26♌48	16♒ 4	29°R59	S 1
S 2	20 43 27	9°54'55	23°39	20°51	16♋39	21°46	14°14	29°D 3	14°46	17♈17	17° 1	25♌58	26°45	16°10	29♓58	S 2
M 3	20 47 24	10°52'21	5♒30	21°42	16°27	22°26	14°R14	29♏ 3	14°49	17°17	17° 1	25°56	26°42	16°17	29°57	M 3
T 4	20 51 21	11°49'48	17°19	22°39	16°18	23° 6	14°14	29° 3	14°52	17°16	17° 1	25°56	26°38	16°24	29°55	T 4
W 5	20 55 17	12°47'16	29° 6	23°42	16°11	23°46	14°14	29° 4	14°56	17°16	17° 2	25°D55	26°35	16°30	29°54	W 5
T 6	20 59 14	13°44'45	10♓56	24°51	16° 7	24°26	14°13	29° 4	14°59	17°15	17° 2	25°56	26°32	16°37	29°52	T 6
F 7	21 3 10	14°42'15	22°50	26° 6	16°D 5	25° 6	14°13	29° 4	15° 2	17°15	17° 2	25°57	26°29	16°44	29°50	F 7
S 8	21 7 7	15°39'46	4♈51	27°26	16° 5	25°46	14°12	29° 5	15° 6	17°14	17° 2	25°58	26°26	16°50	29°48	S 8
S 9	21 11 3	16°37'19	17° 4	28°51	16° 8	26°26	14°11	29° 5	15° 9	17°14	17° 2	25°59	26°23	16°57	29°47	S 9
M10	21 15 0	17°34'53	29°31	0♌21	16°12	27° 5	14° 9	29° 6	15°12	17°13	17° 3	25°59	26°19	17° 4	29°45	M10
T 11	21 18 56	18°32'28	12♉16	1°55	16°19	27°45	14° 8	29° 7	15°15	17°12	17° 3	26° 0	26°16	17°10	29°43	T 11
W12	21 22 53	19°30'05	25°23	3°34	16°29	28°25	14° 6	29° 8	15°18	17°12	17° 3	26°R 0	26°13	17°17	29°41	W12
T 13	21 26 49	20°27'44	8♊55	5°16	16°40	29° 4	14° 5	29° 9	15°22	17°11	17° 3	26° 0	26°10	17°23	29°39	T 13
F 14	21 30 46	21°25'24	22°52	7° 3	16°53	29°43	14° 3	29°10	15°25	17°10	17° 3	25°59	26° 7	17°30	29°37	F 14
S 15	21 34 43	22°23'06	7♋15	8°52	17° 9	0♋23	14° 0	29°11	15°28	17° 9	17° 3	25°59	26° 4	17°37	29°35	S 15
S 16	21 38 39	23°20'49	22° 0	10°44	17°26	1° 2	13°58	29°12	15°31	17° 9	17° 3	25°58	26° 0	17°43	29°33	S 16
M17	21 42 36	24°18'34	7♌ 2	12°38	17°45	1°41	13°55	29°14	15°34	17° 8	17°R 3	25°58	25°57	17°50	29°31	M17
T 18	21 46 32	25°16'20	22°12	14°34	18° 6	2°20	13°53	29°15	15°37	17° 7	17° 3	25°58	25°54	17°57	29°28	T 18
W19	21 50 29	26°14'07	7♍21	16°31	18°29	2°59	13°50	29°17	15°40	17° 6	17° 3	25°58	25°51	18° 3	29°26	W19
T 20	21 54 25	27°11'56	22°20	18°30	18°54	3°38	13°46	29°18	15°43	17° 5	17° 3	25°58	25°48	18°10	29°24	T 20
F 21	21 58 22	28° 9'46	7♎ 2	20°29	19°20	4°16	13°43	29°20	15°46	17° 4	17° 3	25°58	25°44	18°17	29°22	F 21
S 22	22 2 18	29° 7'38	21°20	22°29	19°48	4°55	13°39	29°22	15°49	17° 3	17° 3	25°58	25°41	18°23	29°20	S 22
S 23	22 6 15	0♍ 5'31	5♏12	24°29	20°17	5°34	13°36	29°24	15°51	17° 2	17° 3	25°57	25°38	18°30	29°17	S 23
M24	22 10 12	1° 3'25	18°38	26°29	20°47	6°12	13°32	29°26	15°54	17° 1	17° 2	25°57	25°35	18°37	29°15	M24
T 25	22 14 8	2° 1'20	1♐38	28°28	21°20	6°51	13°28	29°28	15°57	17° 0	17° 2	25°D57	25°32	18°43	29°12	T 25
W26	22 18 5	2°59'16	14°17	0♍27	21°53	7°29	13°23	29°30	16° 0	16°59	17° 2	25°57	25°29	18°50	29°10	W26
T 27	22 22 1	3°57'14	26°37	2°26	22°28	8° 7	13°19	29°32	16° 3	16°58	17° 2	25°58	25°25	18°57	29° 8	T 27
F 28	22 25 58	4°55'13	8♑44	4°23	23° 4	8°45	13°14	29°35	16° 5	16°57	17° 2	25°58	25°22	19° 3	29° 5	F 28
S 29	22 29 54	5°53'14	20°40	6°20	23°41	9°23	13° 9	29°37	16° 8	16°56	17° 1	25°59	25°19	19°10	29° 3	S 29
S 30	22 33 51	6°51'16	2♒31	8°15	24°19	10° 1	13° 5	29°40	16°10	16°55	17° 1	26° 0	25°16	19°16	29° 0	S 30
M31	22 37 47	7♍49'19	14♒18	10♍10	24♋59	10♋39	12♈59	29♏42	16♋13	16♈53	17♉ 1	26♌ 1	25♌13	19♒23	28♓58	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	18n 2	19s16	3n41	19n44	2s15	15n37	6s49	23n12	0n 3	4n16	1s27	18s 5	1n56	23n 1	0n22	5n17	1s38	2n14	15s18	12n51	12n35	15s 7	3n28	3n46
S 2	17 46	18 36	2 49	19 53	1 59	15 38	6 50	23 16	0 4	4 16	1 28	18 5	1 56	23 0	0 22	5 17	1 38	2 13	15 18	12 52	12 36	15 6	3 27	3 47
M 3	17 31	17 7	1 51	20 1	1 43	15 40	6 49	23 19	0 5	4 16	1 28	18 5	1 55	23 0	0 22	5 16	1 38	2 13	15 18	12 53	12 37	15 5	3 27	3 47
T 4	17 15	14 54	0 48	20 7	1 27	15 42	6 48	23 22	0 5	4 16	1 28	18 5	1 55	22 59	0 22	5 16	1 38	2 13	15 18	12 53	12 39	15 3	3 26	3 47
W 5	16 59	12 4	0s18	20 12	1 11	15 44	6 47	23 25	0 6	4 15	1 28	18 6	1 55	22 59	0 22	5 16	1 39	2 13	15 19	12 53	12 40	15 2	3 26	3 47
T 6	16 43	8 44	1 22	20 15	0 56	15 46	6 45	23 27	0 7	4 15	1 29	18 6	1 55	22 59	0 22	5 16	1 39	2 13	15 19	12 53	12 41	15 1	3 25	3 47
F 7	16 26	5 3	2 24	20 16	0 41	15 49	6 43	23 30	0 8	4 14	1 29	18 6	1 54	22 58	0 22	5 15	1 39	2 12	15 19	12 53	12 42	15 0	3 24	3 47
S 8	16 9	1 8	3 20	20 15	0 26	15 52	6 40	23 32	0 9	4 14	1 29	18 7	1 54	22 58	0 22	5 15	1 39	2 12	15 20	12 52	12 43	14 59	3 24	3 47
S 9	15 52	2n54	4 8	20 12	0 12	15 54	6 37	23 34	0 10	4 13	1 30	18 7	1 54	22 58	0 22	5 15	1 39	2 12	15 20	12 52	12 44	14 58	3 23	3 47
M10	15 34	6 52	4 45	20 6	0n 1	15 57	6 34	23 36	0 10	4 12	1 30	18 7	1 54	22 57	0 22	5 15	1 39	2 12	15 20	12 52	12 45	14 56	3 22	3 47
T 11	15 17	10 37	5 9	19 58	0 14	16 0	6 30	23 37	0 11	4 12	1 30	18 8	1 53	22 57	0 22	5 14	1 39	2 11	15 21	12 52	12 46	14 55	3 22	3 47
W12	14 59	13 58	5 18	19 47	0 26	16 3	6 26	23 39	0 12	4 11	1 30	18 8	1 53	22 57	0 22	5 14	1 39	2 11	15 21	12 52	12 47	14 54	3 21	3 47
T 13	14 41	16 42	5 10	19 34	0 37	16 6	6 21	23 40	0 13	4 10	1 31	18 9	1 53	22 56	0 22	5 14	1 39	2 11	15 21	12 52	12 48	14 53	3 20	3 48
F 14	14 22	18 32	4 44	19 18	0 48	16 9	6 17	23 41	0 14	4 9	1 31	18 9	1 53	22 56	0 22	5 13	1 39	2 11	15 21	12 52	12 49	14 52	3 20	3 48
S 15	14 4	19 16	3 59	18 59	0 58	16 12	6 12	23 42	0 15	4 8	1 31	18 10	1 52	22 56	0 22	5 13	1 39	2 10	15 22	12 52	12 50	14 51	3 19	3 48
S 16	13 45	18 44	2 58	18 37	1 6	16 15	6 7	23 43	0 16	4 6	1 31	18 10	1 52	22 55	0 22	5 13	1 39	2 10	15 22	12 52	12 51	14 49	3 18	3 48
M17	13 26	16 52	1 43	18 13	1 14	16 18	6 1	23 43	0 16	4 5	1 32	18 11	1 52	22 55	0 22	5 12	1 39	2 10	15 22	12 52	12 53	14 48	3 17	3 48
T 18	13 6	13 47	0 21	17 46	1 21	16 21	5 56	23 43	0 17	4 4	1 32	18 11	1 52	22 55	0 22	5 12	1 39	2 9	15 23	12 52	12 54	14 47	3 16	3 48
W19	12 47	9 47	1n 3	17 17	1 27	16 24	5 50	23 43	0 18	4 2	1 32	18 12	1 51	22 54	0 22	5 12	1 39	2 9	15 23	12 52	12 55	14 46	3 16	3 48
T 20	12 27	5 12	2 22	16 46	1 33	16 26	5 44	23 43	0 19	4 1	1 33	18 12	1 51	22 54	0 23	5 11	1 39	2 9	15 23	12 52	12 56	14 45	3 15	3 48
F 21	12 7	0 25	3 29	16 12	1 37	16 29	5 38	23 43	0 20	3 59	1 33	18 13	1 51	22 54	0 23	5 11	1 39	2 9	15 23	12 52	12 57	14 43	3 14	3 48
S 22	11 47	4s17	4 22	15 37	1 40	16 31	5 32	23 43	0 21	3 58	1 33	18 14	1 51	22 53	0 23	5 10	1 39	2 8	15 24	12 52	12 58	14 42	3 13	3 48
S 23	11 27	8 35	4 57	14 59	1 43	16 33	5 26	23 42	0 22	3 56	1 33	18 14	1 50	22 53	0 23	5 10	1 39	2 8	15 24	12 53	12 59	14 41	3 12	3 48
M24	11 6	12 19	5 15	14 20	1 45	16 35	5 20	23 41	0 23	3 54	1 33	18 15	1 50	22 53	0 23	5 9	1 40	2 8	15 24	12 53	13 0	14 40	3 11	3 48
T 25	10 46	15 20	5 16	13 40	1 46	16 36	5 13	23 40	0 24	3 53	1 34	18 15	1 50	22 52	0 23	5 9	1 40	2 7	15 25	12 53	13 1	14 39	3 10	3 48
W26	10 25	17 32	5 2	12 59	1 46	16 38	5 7	23 39	0 25	3 51	1 34	18 16	1 50	22 52	0 23	5 9	1 40	2 7	15 25	12 53	13 2	14 37	3 9	3 48
T 27	10 4	18 51	4 34	12 16	1 46	16 39	5 0	23 38	0 25	3 49	1 34	18 17	1 49	22 52	0 23	5 8	1 40	2 7	15 25	12 52	13 3	14 36	3 8	3 48
F 28	9 43	19 17	3 54	11 32	1 45	16 40	4 53	23 36	0 26	3 47	1 34	18 18	1 49	22 52	0 23	5 8	1 40	2 6	15 25	12 52	13 4	14 35	3 8	3 48
S 29	9 21	18 50	3 4	10 48	1 43	16 40	4 47	23 34	0 27	3 45	1 35	18 18	1 49	22 51	0 23	5 7	1 40	2 6	15 26	12 52	13 5	14 34	3 7	3 48
S 30	9 0	17 33	2 7	10 3	1 41	16 40	4 40	23 33	0 28	3 43	1 35	18 19	1 49	22 51	0 23	5 7	1 40	2 6	15 26	12 52	13 6	14 32	3 6	3 48
M31	8n38	15s31	1n 5	9n17	1n39	16n40	4s33	23n31	0n29	3n40	1s35	18s20	1n49	22n51	0n23	5n 6	1s40	2n 5	15s26	12n51	13n 8	14s31	3n 5	3n48

Julian Day Number = 2403545.5, Delta T = 4.10 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'18, Lahiri = 22°01'19

ASTRODIENST EPHEMERIS for the year 1868
geocentric

SEPTEMBER 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 44	8♍47'25	26♒ 6	12♍ 3	25♋40	11♋17	12°R54	29♏45	16♋16	16°R52	17°R 1	26°R 1	25♌10	19♒30	28°R55	T 1
W 2	22 45 41	9°45'31	7♓57	13°56	26°22	11°54	12♈49	29°48	16°18	16♈51	17♉ 0	26♌ 1	25° 6	19°36	28♓53	W 2
T 3	22 49 37	10°43'40	19°53	15°47	27° 4	12°32	12°43	29°51	16°21	16°50	17° 0	26° 0	25° 3	19°43	28°50	T 3
F 4	22 53 34	11°41'50	1♈56	17°37	27°48	13° 9	12°37	29°54	16°23	16°48	16°59	25°58	25° 0	19°50	28°47	F 4
S 5	22 57 30	12°40'02	14° 8	19°26	28°33	13°47	12°31	29°57	16°25	16°47	16°59	25°56	24°57	19°56	28°45	S 5
S 6	23 1 27	13°38'15	26°31	21°13	29°18	14°24	12°25	0♐ 0	16°28	16°46	16°59	25°53	24°54	20° 3	28°42	S 6
M 7	23 5 23	14°36'31	9♉ 7	23° 0	0♌ 5	15° 1	12°19	0° 3	16°30	16°44	16°58	25°51	24°50	20°10	28°39	M 7
T 8	23 9 20	15°34'49	21°58	24°45	0°52	15°38	12°13	0° 7	16°32	16°43	16°58	25°48	24°47	20°16	28°37	T 8
W 9	23 13 16	16°33'09	5♊ 6	26°29	1°41	16°15	12° 6	0°10	16°35	16°42	16°57	25°47	24°44	20°23	28°34	W 9
T 10	23 17 13	17°31'31	18°32	28°12	2°30	16°52	12° 0	0°14	16°37	16°40	16°57	25°D47	24°41	20°30	28°31	T 10
F 11	23 21 10	18°29'56	2♋20	29°54	3°19	17°29	11°53	0°17	16°39	16°39	16°56	25°47	24°38	20°36	28°29	F 11
S 12	23 25 6	19°28'22	16°28	1♎35	4°10	18° 6	11°46	0°21	16°41	16°37	16°56	25°48	24°35	20°43	28°26	S 12
S 13	23 29 3	20°26'51	0♌56	3°15	5° 1	18°42	11°39	0°25	16°43	16°36	16°55	25°50	24°31	20°49	28°23	S 13
M14	23 32 59	21°25'22	15°40	4°54	5°53	19°19	11°32	0°29	16°45	16°34	16°55	25°51	24°28	20°56	28°20	M14
T 15	23 36 56	22°23'55	0♍36	6°31	6°46	19°55	11°25	0°33	16°47	16°33	16°54	25°R51	24°25	21° 3	28°18	T 15
W16	23 40 52	23°22'30	15°37	8° 8	7°39	20°31	11°18	0°37	16°49	16°32	16°54	25°50	24°22	21° 9	28°15	W16
T 17	23 44 49	24°21'07	0♎32	9°44	8°33	21° 7	11°11	0°41	16°51	16°30	16°53	25°47	24°19	21°16	28°12	T 17
F 18	23 48 45	25°19'45	15°15	11°18	9°27	21°43	11° 3	0°45	16°53	16°28	16°52	25°44	24°15	21°23	28° 9	F 18
S 19	23 52 42	26°18'26	29°39	12°52	10°22	22°19	10°56	0°49	16°54	16°27	16°52	25°39	24°12	21°29	28° 6	S 19
S 20	23 56 38	27°17'08	13♏37	14°24	11°18	22°55	10°48	0°53	16°56	16°25	16°51	25°35	24° 9	21°36	28° 4	S 20
M21	0 0 35	28°15'52	27° 9	15°56	12°14	23°31	10°40	0°58	16°58	16°24	16°50	25°31	24° 6	21°43	28° 1	M21
T 22	0 4 32	29°14'38	10♐14	17°27	13°11	24° 6	10°33	1° 2	17° 0	16°22	16°50	25°28	24° 3	21°49	27°58	T 22
W23	0 8 28	0♎13'26	22°55	18°56	14° 8	24°42	10°25	1° 7	17° 1	16°21	16°49	25°26	24° 0	21°56	27°55	W23
T 24	0 12 25	1°12'15	5♑15	20°25	15° 5	25°17	10°17	1°11	17° 3	16°19	16°48	25°D26	23°56	22° 3	27°53	T 24
F 25	0 16 21	2°11'07	17°20	21°53	16° 4	25°52	10° 9	1°16	17° 4	16°17	16°47	25°27	23°53	22° 9	27°50	F 25
S 26	0 20 18	3° 9'59	29°14	23°19	17° 2	26°27	10° 1	1°21	17° 6	16°16	16°47	25°28	23°50	22°16	27°47	S 26
S 27	0 24 14	4° 8'54	11♒ 3	24°45	18° 1	27° 2	9°53	1°26	17° 7	16°14	16°46	25°30	23°47	22°22	27°44	S 27
M28	0 28 11	5° 7'51	22°50	26°10	19° 1	27°37	9°45	1°31	17° 8	16°13	16°45	25°R31	23°44	22°29	27°41	M28
T 29	0 32 7	6° 6'49	4♓40	27°33	20° 1	28°12	9°37	1°35	17°10	16°11	16°44	25°30	23°41	22°36	27°39	T 29
W30	0 36 4	7♎ 5'49	16♓37	28♎56	21♌ 1	28♋46	9♈29	1♐40	17♋11	16♈ 9	16♉44	25♌28	23♌37	22♒42	27♓36	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	8n17	12s50	0s 0	8n31	1n35	16n40	4s26	23n28	0n30	3n38	1s35	18s21	1n48	22n50	0n23	5n 6	1s40	2n 5	15s27	12n51	13n 9	14s30	3n 4	3n48
W 2	7 55	9 36	1 6	7 44	1 32	16 39	4 19	23 26	0 31	3 36	1 35	18 22	1 48	22 50	0 23	5 5	1 40	2 5	15 27	12 51	13 10	14 29	3 3	3 48
T 3	7 33	5 59	2 8	6 57	1 28	16 38	4 13	23 24	0 32	3 33	1 36	18 22	1 48	22 50	0 23	5 5	1 40	2 4	15 27	12 52	13 11	14 27	3 2	3 48
F 4	7 11	2 4	3 6	6 10	1 23	16 36	4 6	23 21	0 33	3 31	1 36	18 23	1 48	22 50	0 23	5 4	1 40	2 4	15 27	12 52	13 12	14 26	3 0	3 48
S 5	6 49	1n57	3 56	5 23	1 18	16 34	3 59	23 18	0 34	3 29	1 36	18 24	1 47	22 49	0 23	5 4	1 40	2 4	15 28	12 53	13 13	14 25	2 59	3 48
S 6	6 26	5 57	4 35	4 36	1 13	16 32	3 52	23 15	0 35	3 26	1 36	18 25	1 47	22 49	0 23	5 3	1 40	2 3	15 28	12 54	13 14	14 24	2 58	3 48
M 7	6 4	9 46	5 2	3 49	1 8	16 29	3 45	23 12	0 36	3 24	1 36	18 26	1 47	22 49	0 23	5 3	1 40	2 3	15 28	12 55	13 15	14 22	2 57	3 48
T 8	5 41	13 12	5 15	3 2	1 2	16 26	3 38	23 9	0 37	3 21	1 37	18 27	1 47	22 49	0 23	5 2	1 40	2 2	15 28	12 56	13 16	14 21	2 56	3 48
W 9	5 19	16 3	5 11	2 15	0 56	16 22	3 31	23 5	0 38	3 18	1 37	18 28	1 47	22 48	0 23	5 1	1 40	2 2	15 29	12 56	13 17	14 20	2 55	3 48
T 10	4 56	18 7	4 51	1 29	0 50	16 18	3 24	23 2	0 39	3 16	1 37	18 29	1 46	22 48	0 23	5 1	1 40	2 2	15 29	12 56	13 18	14 19	2 54	3 48
F 11	4 33	19 12	4 14	0 42	0 44	16 14	3 17	22 58	0 40	3 13	1 37	18 30	1 46	22 48	0 23	5 0	1 40	2 1	15 29	12 56	13 19	14 17	2 53	3 48
S 12	4 10	19 7	3 20	0s 4	0 37	16 9	3 10	22 54	0 41	3 10	1 37	18 31	1 46	22 48	0 23	5 0	1 40	2 1	15 29	12 56	13 20	14 16	2 52	3 48
S 13	3 47	17 48	2 13	0 50	0 30	16 3	3 3	22 50	0 42	3 7	1 37	18 32	1 46	22 47	0 23	4 59	1 40	2 1	15 30	12 55	13 21	14 15	2 51	3 48
M14	3 24	15 16	0 56	1 35	0 24	15 57	2 57	22 46	0 43	3 4	1 37	18 33	1 45	22 47	0 23	4 59	1 40	2 0	15 30	12 55	13 22	14 14	2 50	3 48
T 15	3 1	11 40	0n26	2 20	0 17	15 51	2 50	22 42	0 44	3 1	1 38	18 34	1 45	22 47	0 23	4 58	1 40	2 0	15 30	12 55	13 23	14 12	2 48	3 48
W16	2 38	7 19	1 47	3 5	0 9	15 44	2 43	22 37	0 45	2 58	1 38	18 35	1 45	22 47	0 23	4 57	1 40	1 59	15 30	12 55	13 25	14 11	2 47	3 48
T 17	2 15	2 31	2 59	3 49	0 2	15 37	2 36	22 33	0 46	2 55	1 38	18 36	1 45	22 47	0 23	4 57	1 40	1 59	15 31	12 56	13 26	14 10	2 46	3 48
F 18	1 51	2s21	3 59	4 33	0s 5	15 29	2 30	22 28	0 47	2 52	1 38	18 37	1 45	22 46	0 23	4 56	1 40	1 59	15 31	12 57	13 27	14 8	2 45	3 48
S 19	1 28	6 58	4 41	5 16	0 12	15 21	2 23	22 23	0 48	2 49	1 38	18 38	1 44	22 46	0 23	4 56	1 40	1 58	15 31	12 59	13 28	14 7	2 44	3 48
S 20	1 5	11 4	5 6	5 59	0 20	15 13	2 16	22 18	0 49	2 46	1 38	18 39	1 44	22 46	0 23	4 55	1 40	1 58	15 31	13 0	13 29	14 6	2 43	3 48
M21	0 41	14 27	5 13	6 42	0 27	15 4	2 10	22 13	0 50	2 43	1 38	18 40	1 44	22 46	0 23	4 54	1 40	1 58	15 32	13 2	13 30	14 4	2 41	3 48
T 22	0 18	17 0	5 3	7 23	0 35	14 54	2 3	22 8	0 51	2 40	1 38	18 41	1 44	22 46	0 23	4 54	1 41	1 57	15 32	13 3	13 31	14 3	2 40	3 48
W23	0s 5	18 38	4 38	8 5	0 42	14 44	1 57	22 3	0 52	2 37	1 38	18 42	1 44	22 45	0 23	4 53	1 41	1 57	15 32	13 3	13 32	14 2	2 39	3 47
T 24	0 29	19 21	4 1	8 45	0 50	14 33	1 51	21 57	0 53	2 34	1 38	18 43	1 43	22 45	0 23	4 52	1 41	1 56	15 32	13 3	13 33	14 1	2 38	3 47
F 25	0 52	19 8	3 13	9 25	0 57	14 23	1 44	21 52	0 54	2 31	1 38	18 44	1 43	22 45	0 23	4 52	1 41	1 56	15 32	13 3	13 34	13 59	2 37	3 47
S 26	1 16	18 4	2 18	10 4	1 5	14 11	1 38	21 46	0 55	2 28	1 38	18 46	1 43	22 45	0 23	4 51	1 41	1 56	15 33	13 2	13 35	13 58	2 36	3 47
S 27	1 39	16 13	1 18	10 43	1 12	13 59	1 32	21 41	0 56	2 24	1 39	18 47	1 43	22 45	0 23	4 50	1 41	1 55	15 33	13 2	13 36	13 57	2 34	3 47
M28	2 2	13 41	0 15	11 21	1 20	13 47	1 25	21 35	0 57	2 21	1 39	18 48	1 43	22 45	0 24	4 50	1 41	1 55	15 33	13 1	13 37	13 55	2 33	3 47
T 29	2 26	10 34	0s50	11 58	1 27	13 34	1 19	21 29	0 58	2 18	1 39	18 49	1 43	22 44	0 24	4 49	1 41	1 54	15 33	13 2	13 38	13 54	2 32	3 47
W30	2s49	7s 1	1s52	12s34	1s34	13n21	1s13	21n23	0n59	2n15	1s39	18s50	1n42	22n44	0n24	4n49	1s41	1n54	15s33	13n 2	13n39	13s53	2n31	3n47

Julian Day Number = 2403576.5, Delta T = 3.99 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'23, Lahiri = 22°01'23

ASTRODIENST EPHEMERIS for the year 1868
geocentric

OCTOBER 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 1	8♎ 4'51	28♓42	0♏17	22♌ 2	29♋21	9°R21	1♐46	17♋12	16°R 8	16°R43	25°R24	23♌34	22♒49	27°R33	T 1
F 2	0 43 57	9° 3'55	10♈58	1°37	23° 3	29°55	9♈13	1°51	17°13	16♈ 6	16♉42	25♌18	23°31	22°56	27♓31	F 2
S 3	0 47 54	10° 3'01	23°26	2°56	24° 4	0♌29	9° 5	1°56	17°14	16° 4	16°41	25°10	23°28	23° 2	27°28	S 3
S 4	0 51 50	11° 2'09	6♉ 7	4°14	25° 6	1° 3	8°57	2° 1	17°16	16° 3	16°40	25° 2	23°25	23° 9	27°25	S 4
M 5	0 55 47	12° 1'20	18°59	5°30	26° 8	1°37	8°49	2° 7	17°17	16° 1	16°39	24°54	23°21	23°16	27°22	M 5
T 6	0 59 43	13° 0'32	2♊ 5	6°45	27°11	2°11	8°41	2°12	17°17	15°59	16°38	24°46	23°18	23°22	27°20	T 6
W 7	1 3 40	13°59'47	15°23	7°59	28°14	2°44	8°33	2°17	17°18	15°58	16°37	24°41	23°15	23°29	27°17	W 7
T 8	1 7 36	14°59'05	28°54	9°10	29°17	3°18	8°25	2°23	17°19	15°56	16°36	24°38	23°12	23°36	27°15	T 8
F 9	1 11 33	15°58'25	12♋38	10°21	0♍21	3°51	8°17	2°28	17°20	15°54	16°36	24°D36	23° 9	23°42	27°12	F 9
S 10	1 15 30	16°57'47	26°36	11°29	1°25	4°24	8° 9	2°34	17°21	15°53	16°35	24°37	23° 6	23°49	27° 9	S 10
S 11	1 19 26	17°57'11	10♌47	12°35	2°29	4°58	8° 1	2°40	17°21	15°51	16°34	24°38	23° 2	23°56	27° 7	S 11
M12	1 23 23	18°56'38	25°10	13°39	3°33	5°30	7°53	2°45	17°22	15°49	16°33	24°R38	22°59	24° 2	27° 4	M12
T 13	1 27 19	19°56'07	9♍43	14°41	4°38	6° 3	7°45	2°51	17°23	15°48	16°32	24°37	22°56	24° 9	27° 2	T 13
W14	1 31 16	20°55'38	24°21	15°39	5°43	6°36	7°38	2°57	17°23	15°46	16°31	24°34	22°53	24°15	26°59	W14
T 15	1 35 12	21°55'11	8♎58	16°36	6°48	7° 8	7°30	3° 3	17°24	15°44	16°30	24°28	22°50	24°22	26°57	T 15
F 16	1 39 9	22°54'47	23°27	17°28	7°54	7°40	7°23	3° 9	17°24	15°43	16°29	24°20	22°46	24°29	26°54	F 16
S 17	1 43 5	23°54'24	7♏43	18°18	9° 0	8°12	7°15	3°15	17°24	15°41	16°28	24°10	22°43	24°35	26°52	S 17
S 18	1 47 2	24°54'04	21°38	19° 3	10° 6	8°44	7° 8	3°21	17°25	15°39	16°27	24° 0	22°40	24°42	26°50	S 18
M19	1 50 58	25°53'45	5♐10	19°45	11°12	9°16	7° 1	3°27	17°25	15°38	16°26	23°51	22°37	24°49	26°47	M19
T 20	1 54 55	26°53'28	18°16	20°21	12°19	9°48	6°53	3°33	17°25	15°36	16°25	23°43	22°34	24°55	26°45	T 20
W21	1 58 52	27°53'13	0♑59	20°53	13°26	10°19	6°46	3°39	17°25	15°34	16°24	23°37	22°31	25° 2	26°43	W21
T 22	2 2 48	28°53'00	13°21	21°18	14°33	10°50	6°40	3°46	17°25	15°33	16°22	23°33	22°27	25° 9	26°40	T 22
F 23	2 6 45	29°52'48	25°27	21°38	15°40	11°21	6°33	3°52	17°R25	15°31	16°21	23°D32	22°24	25°15	26°38	F 23
S 24	2 10 41	0♏52'39	7♒21	21°50	16°47	11°52	6°26	3°58	17°25	15°30	16°20	23°32	22°21	25°22	26°36	S 24
S 25	2 14 38	1°52'30	19°10	21°R56	17°55	12°23	6°20	4° 5	17°25	15°28	16°19	23°R33	22°18	25°29	26°34	S 25
M26	2 18 34	2°52'24	0♓58	21°53	19° 3	12°53	6°13	4°11	17°25	15°26	16°18	23°32	22°15	25°35	26°32	M26
T 27	2 22 31	3°52'19	12°50	21°41	20°11	13°23	6° 7	4°17	17°25	15°25	16°17	23°31	22°12	25°42	26°30	T 27
W28	2 26 27	4°52'16	24°52	21°21	21°19	13°53	6° 1	4°24	17°25	15°23	16°16	23°26	22° 8	25°48	26°28	W28
T 29	2 30 24	5°52'14	7♈ 6	20°51	22°28	14°23	5°55	4°30	17°25	15°22	16°15	23°19	22° 5	25°55	26°26	T 29
F 30	2 34 21	6°52'14	19°35	20°11	23°36	14°53	5°49	4°37	17°24	15°20	16°14	23°10	22° 2	26° 2	26°24	F 30
S 31	2 38 17	7♏52'17	2♉21	19♏23	24♍45	15♌22	5♈43	4♐44	17♋24	15♈19	16♉13	22♌58	21♌59	26♒ 8	26♓22	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	3s12	3s 7	2s50	13s 9	1s41	13n 7	1s 7	21n17	1n 0	2n12	1s39	18s52	1n42	22n44	0n24	4n48	1s41	1n54	15s34	13n 4	13n40	13s51	2n30	3n47
F 2	3 36	0n57	3 41	13 44	1 48	12 53	1 1	21 11	1 1	2 9	1 39	18 53	1 42	22 44	0 24	4 47	1 41	1 53	15 34	13 6	13 41	13 50	2 28	3 47
S 3	3 59	5 3	4 22	14 18	1 55	12 38	0 56	21 4	1 2	2 5	1 39	18 54	1 42	22 44	0 24	4 47	1 41	1 53	15 34	13 8	13 42	13 49	2 27	3 46
S 4	4 22	8 59	4 51	14 51	2 2	12 23	0 50	20 58	1 3	2 2	1 39	18 55	1 42	22 44	0 24	4 46	1 41	1 52	15 34	13 11	13 43	13 47	2 26	3 46
M 5	4 45	12 34	5 6	15 23	2 8	12 7	0 44	20 52	1 4	1 59	1 39	18 56	1 41	22 44	0 24	4 45	1 41	1 52	15 34	13 14	13 45	13 46	2 25	3 46
T 6	5 8	15 36	5 5	15 54	2 15	11 51	0 39	20 45	1 6	1 56	1 39	18 58	1 41	22 44	0 24	4 45	1 41	1 52	15 34	13 16	13 46	13 45	2 24	3 46
W 7	5 31	17 53	4 48	16 24	2 21	11 35	0 33	20 39	1 7	1 53	1 38	18 59	1 41	22 44	0 24	4 44	1 41	1 51	15 35	13 18	13 47	13 43	2 23	3 46
T 8	5 54	19 12	4 15	16 53	2 27	11 18	0 28	20 32	1 8	1 50	1 38	19 0	1 41	22 44	0 24	4 43	1 41	1 51	15 35	13 19	13 48	13 42	2 21	3 46
F 9	6 17	19 26	3 26	17 21	2 32	11 1	0 22	20 25	1 9	1 47	1 38	19 1	1 41	22 43	0 24	4 43	1 41	1 50	15 35	13 20	13 49	13 41	2 20	3 46
S 10	6 40	18 29	2 25	17 47	2 38	10 43	0 17	20 18	1 10	1 44	1 38	19 3	1 41	22 43	0 24	4 42	1 41	1 50	15 35	13 20	13 50	13 39	2 19	3 46
S 11	7 3	16 21	1 14	18 13	2 43	10 25	0 12	20 11	1 11	1 41	1 38	19 4	1 40	22 43	0 24	4 41	1 41	1 50	15 35	13 19	13 51	13 38	2 18	3 45
M12	7 25	13 11	0n 3	18 37	2 48	10 6	0 7	20 5	1 12	1 38	1 38	19 5	1 40	22 43	0 24	4 41	1 41	1 49	15 35	13 19	13 52	13 36	2 17	3 45
T 13	7 48	9 10	1 20	18 59	2 52	9 48	0 2	19 58	1 14	1 35	1 38	19 6	1 40	22 43	0 24	4 40	1 41	1 49	15 35	13 19	13 53	13 35	2 16	3 45
W14	8 10	4 35	2 32	19 21	2 56	9 28	0n 3	19 51	1 15	1 32	1 38	19 8	1 40	22 43	0 24	4 40	1 41	1 49	15 35	13 21	13 54	13 34	2 15	3 45
T 15	8 33	0s16	3 34	19 40	2 59	9 9	0 8	19 43	1 16	1 29	1 38	19 9	1 40	22 43	0 24	4 39	1 41	1 48	15 36	13 22	13 55	13 32	2 13	3 45
F 16	8 55	5 3	4 22	19 58	3 2	8 49	0 13	19 36	1 17	1 26	1 38	19 10	1 40	22 43	0 24	4 38	1 41	1 48	15 36	13 25	13 56	13 31	2 12	3 45
S 17	9 17	9 29	4 52	20 15	3 5	8 28	0 18	19 29	1 18	1 23	1 38	19 11	1 40	22 43	0 24	4 38	1 41	1 47	15 36	13 28	13 57	13 30	2 11	3 44
S 18	9 39	13 17	5 4	20 29	3 6	8 8	0 22	19 22	1 20	1 20	1 38	19 13	1 39	22 43	0 24	4 37	1 41	1 47	15 36	13 32	13 58	13 28	2 10	3 44
M19	10 1	16 17	4 59	20 41	3 8	7 47	0 27	19 15	1 21	1 18	1 37	19 14	1 39	22 43	0 24	4 36	1 41	1 47	15 36	13 35	13 59	13 27	2 9	3 44
T 20	10 22	18 20	4 37	20 52	3 8	7 25	0 31	19 7	1 22	1 15	1 37	19 15	1 39	22 43	0 24	4 36	1 41	1 46	15 36	13 38	14 0	13 25	2 8	3 44
W21	10 44	19 24	4 3	21 0	3 7	7 4	0 35	19 0	1 23	1 12	1 37	19 17	1 39	22 43	0 24	4 35	1 41	1 46	15 36	13 39	14 1	13 24	2 7	3 44
T 22	11 5	19 31	3 17	21 5	3 6	6 42	0 40	18 53	1 24	1 10	1 37	19 18	1 39	22 43	0 24	4 35	1 41	1 46	15 36	13 41	14 2	13 23	2 6	3 44
F 23	11 26	18 42	2 24	21 8	3 3	6 20	0 44	18 45	1 26	1 7	1 37	19 19	1 39	22 43	0 24	4 34	1 41	1 45	15 36	13 41	14 3	13 21	2 5	3 43
S 24	11 47	17 4	1 25	21 7	2 59	5 57	0 48	18 38	1 27	1 5	1 37	19 21	1 39	22 43	0 24	4 33	1 41	1 45	15 36	13 41	14 4	13 20	2 4	3 43
S 25	12 8	14 43	0 23	21 4	2 54	5 34	0 52	18 31	1 28	1 2	1 36	19 22	1 38	22 43	0 24	4 33	1 41	1 45	15 36	13 41	14 5	13 18	2 3	3 43
M26	12 29	11 45	0s39	20 57	2 48	5 11	0 55	18 23	1 30	1 0	1 36	19 23	1 38	22 43	0 24	4 32	1 41	1 44	15 37	13 41	14 6	13 17	2 2	3 43
T 27	12 49	8 18	1 41	20 46	2 40	4 48	0 59	18 16	1 31	0 58	1 36	19 24	1 38	22 43	0 24	4 31	1 41	1 44	15 37	13 42	14 7	13 16	2 1	3 43
W28	13 9	4 28	2 38	20 32	2 31	4 24	1 3	18 8	1 32	0 55	1 36	19 26	1 38	22 43	0 24	4 31	1 41	1 44	15 37	13 43	14 8	13 14	2 0	3 42
T 29	13 29	0 23	3 30	20 13	2 19	4 0	1 6	18 1	1 33	0 53	1 36	19 27	1 38	22 43	0 24	4 30	1 41	1 43	15 37	13 45	14 9	13 13	1 59	3 42
F 30	13 49	3n47	4 12	19 50	2 7	3 36	1 10	17 54	1 35	0 51	1 36	19 28	1 38	22 44	0 24	4 30	1 41	1 43	15 37	13 48	14 10	13 11	1 58	3 42
S 31	14s 9	7n53	4s42	19s23	1s52	3n12	1n13	17n46	1n36	0n49	1s35	19s30	1n38	22n44	0n24	4n29	1s41	1n43	15s37	13n52	14n11	13s10	1n57	3n42

Julian Day Number = 2403606.5, Delta T = 3.88 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'27, Lahiri = 22°01'27

ASTRODIENST EPHEMERIS for the year 1868
geocentric

NOVEMBER 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 14	8♏52'21	15♉22	18°R25	25♍54	15♌51	5°R38	4♐50	17°R23	15°R17	16°R12	22°R45	21♌56	26♒15	26°R20	S 1
M 2	2 46 10	9°52'26	28°38	17♏20	27° 3	16°20	5♈32	4°57	17♋23	15♈16	16♉10	22♌33	21°52	26°22	26♓18	M 2
T 3	2 50 7	10°52'34	12♊ 7	16° 8	28°13	16°49	5°27	5° 4	17°22	15°14	16° 9	22°21	21°49	26°28	26°16	T 3
W 4	2 54 3	11°52'44	25°46	14°52	29°22	17°18	5°22	5°10	17°22	15°13	16° 8	22°12	21°46	26°35	26°15	W 4
T 5	2 58 0	12°52'56	9♋32	13°33	0♎32	17°46	5°17	5°17	17°21	15°11	16° 7	22° 6	21°43	26°42	26°13	T 5
F 6	3 1 56	13°53'10	23°26	12°14	1°42	18°14	5°12	5°24	17°20	15°10	16° 6	22° 2	21°40	26°48	26°11	F 6
S 7	3 5 53	14°53'26	7♌24	10°58	2°52	18°42	5° 8	5°31	17°20	15° 8	16° 5	22° 1	21°37	26°55	26°10	S 7
S 8	3 9 50	15°53'44	21°28	9°46	4° 2	19° 9	5° 4	5°37	17°19	15° 7	16° 4	22° 1	21°33	27° 2	26° 8	S 8
M 9	3 13 46	16°54'04	5♍35	8°42	5°12	19°37	4°59	5°44	17°18	15° 6	16° 3	22° 1	21°30	27° 8	26° 7	M 9
T 10	3 17 43	17°54'26	19°46	7°47	6°23	20° 4	4°55	5°51	17°17	15° 4	16° 1	21°59	21°27	27°15	26° 5	T 10
W11	3 21 39	18°54'50	3♎59	7° 2	7°33	20°31	4°52	5°58	17°16	15° 3	16° 0	21°54	21°24	27°21	26° 4	W11
T 12	3 25 36	19°55'15	18° 9	6°28	8°44	20°57	4°48	6° 5	17°15	15° 2	15°59	21°47	21°21	27°28	26° 2	T 12
F 13	3 29 32	20°55'43	2♏14	6° 7	9°55	21°23	4°45	6°12	17°14	15° 0	15°58	21°36	21°18	27°35	26° 1	F 13
S 14	3 33 29	21°56'12	16° 9	5°D56	11° 6	21°49	4°41	6°19	17°13	14°59	15°57	21°24	21°14	27°41	26° 0	S 14
S 15	3 37 25	22°56'43	29°48	5°58	12°17	22°15	4°38	6°26	17°12	14°58	15°56	21°11	21°11	27°48	25°58	S 15
M16	3 41 22	23°57'16	13♐ 9	6° 9	13°28	22°41	4°36	6°33	17°10	14°57	15°55	20°58	21° 8	27°55	25°57	M16
T 17	3 45 19	24°57'50	26° 9	6°31	14°40	23° 6	4°33	6°40	17° 9	14°55	15°54	20°47	21° 5	28° 1	25°56	T 17
W18	3 49 15	25°58'25	8♑49	7° 2	15°51	23°30	4°31	6°47	17° 8	14°54	15°52	20°38	21° 2	28° 8	25°55	W18
T 19	3 53 12	26°59'02	21°10	7°41	17° 3	23°55	4°28	6°54	17° 7	14°53	15°51	20°33	20°58	28°15	25°54	T 19
F 20	3 57 8	27°59'40	3♒16	8°27	18°14	24°19	4°26	7° 1	17° 5	14°52	15°50	20°30	20°55	28°21	25°53	F 20
S 21	4 1 5	29° 0'19	15°10	9°20	19°26	24°43	4°25	7° 8	17° 4	14°51	15°49	20°29	20°52	28°28	25°52	S 21
S 22	4 5 1	0♐ 0'59	26°58	10°19	20°38	25° 7	4°23	7°15	17° 2	14°50	15°48	20°29	20°49	28°35	25°51	S 22
M23	4 8 58	1° 1'40	8♓46	11°22	21°50	25°30	4°22	7°22	17° 1	14°49	15°47	20°29	20°46	28°41	25°51	M23
T 24	4 12 54	2° 2'22	20°40	12°30	23° 2	25°53	4°20	7°29	16°59	14°48	15°46	20°27	20°43	28°48	25°50	T 24
W25	4 16 51	3° 3'06	2♈43	13°41	24°14	26°15	4°19	7°36	16°57	14°47	15°45	20°24	20°39	28°55	25°49	W25
T 26	4 20 48	4° 3'50	15° 2	14°55	25°26	26°37	4°19	7°43	16°56	14°46	15°44	20°17	20°36	29° 1	25°49	T 26
F 27	4 24 44	5° 4'36	27°39	16°13	26°38	26°59	4°18	7°51	16°54	14°45	15°43	20° 8	20°33	29° 8	25°48	F 27
S 28	4 28 41	6° 5'22	10♉37	17°32	27°51	27°20	4°18	7°58	16°52	14°44	15°42	19°57	20°30	29°14	25°47	S 28
S 29	4 32 37	7° 6'10	23°56	18°54	29° 3	27°42	4°D18	8° 5	16°51	14°43	15°41	19°45	20°27	29°21	25°47	S 29
M30	4 36 34	8♐ 6'59	7♊35	20♏17	0♏16	28♌ 2	4♈18	8♐12	16♋49	14♈42	15♉40	19♌33	20♌23	29♒28	25♓47	M30

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	14s28	11n41	4s59	18s51	1s36	2n47	1n16	17n39	1n37	0n47	1s35	19s31	1n38	22n44	0n25	4n29	1s41	1n42	15s37	13n56	14n12	13s 8	1n56	3n42
M 2	14 47	15 0	4 59	18 16	1 18	2 23	1 19	17 31	1 39	0 45	1 35	19 32	1 37	22 44	0 25	4 28	1 41	1 42	15 37	14 0	14 14	13 7	1 55	3 41
T 3	15 6	17 34	4 44	17 37	0 59	1 58	1 22	17 24	1 40	0 43	1 35	19 34	1 37	22 44	0 25	4 28	1 40	1 42	15 37	14 4	14 15	13 6	1 54	3 41
W 4	15 25	19 12	4 12	16 56	0 39	1 33	1 25	17 16	1 42	0 41	1 34	19 35	1 37	22 44	0 25	4 27	1 40	1 41	15 37	14 7	14 16	13 4	1 53	3 41
T 5	15 43	19 43	3 25	16 13	0 18	1 8	1 28	17 9	1 43	0 40	1 34	19 36	1 37	22 44	0 25	4 26	1 40	1 41	15 37	14 9	14 17	13 3	1 52	3 41
F 6	16 1	19 2	2 25	15 29	0n 2	0 42	1 30	17 2	1 44	0 38	1 34	19 37	1 37	22 44	0 25	4 26	1 40	1 41	15 37	14 10	14 18	13 1	1 51	3 40
S 7	16 19	17 12	1 17	14 46	0 23	0 17	1 33	16 54	1 46	0 36	1 34	19 39	1 37	22 44	0 25	4 25	1 40	1 40	15 37	14 11	14 19	13 0	1 50	3 40
S 8	16 36	14 19	0 3	14 5	0 42	0s 9	1 35	16 47	1 47	0 35	1 33	19 40	1 37	22 44	0 25	4 25	1 40	1 40	15 37	14 11	14 20	12 58	1 50	3 40
M 9	16 54	10 34	1n11	13 27	1 1	0 35	1 38	16 40	1 49	0 33	1 33	19 41	1 37	22 45	0 25	4 24	1 40	1 40	15 37	14 11	14 21	12 57	1 49	3 40
T 10	17 11	6 13	2 21	12 53	1 17	1 0	1 40	16 33	1 50	0 32	1 33	19 43	1 37	22 45	0 25	4 24	1 40	1 40	15 37	14 11	14 22	12 55	1 48	3 40
W11	17 27	1 31	3 22	12 25	1 33	1 26	1 42	16 25	1 52	0 31	1 33	19 44	1 37	22 45	0 25	4 23	1 40	1 39	15 37	14 13	14 23	12 54	1 47	3 39
T 12	17 44	3s16	4 11	12 1	1 46	1 52	1 44	16 18	1 53	0 30	1 32	19 45	1 36	22 45	0 25	4 23	1 40	1 39	15 37	14 15	14 24	12 53	1 46	3 39
F 13	18 0	7 49	4 44	11 44	1 57	2 18	1 46	16 11	1 54	0 29	1 32	19 46	1 36	22 45	0 25	4 22	1 40	1 39	15 37	14 19	14 25	12 51	1 46	3 39
S 14	18 16	11 54	4 59	11 32	2 6	2 44	1 48	16 4	1 56	0 27	1 32	19 48	1 36	22 45	0 25	4 22	1 40	1 39	15 36	14 23	14 26	12 50	1 45	3 39
S 15	18 31	15 17	4 57	11 25	2 13	3 11	1 49	15 57	1 58	0 27	1 32	19 49	1 36	22 46	0 25	4 22	1 40	1 38	15 36	14 27	14 27	12 48	1 44	3 38
M16	18 46	17 47	4 38	11 24	2 19	3 37	1 51	15 50	1 59	0 26	1 31	19 50	1 36	22 46	0 25	4 21	1 40	1 38	15 36	14 31	14 28	12 47	1 44	3 38
T 17	19 1	19 18	4 6	11 27	2 23	4 3	1 53	15 44	2 1	0 25	1 31	19 52	1 36	22 46	0 25	4 21	1 40	1 38	15 36	14 35	14 29	12 45	1 43	3 38
W18	19 16	19 49	3 22	11 35	2 25	4 29	1 54	15 37	2 2	0 24	1 31	19 53	1 36	22 46	0 25	4 20	1 40	1 38	15 36	14 37	14 30	12 44	1 42	3 38
T 19	19 30	19 20	2 29	11 47	2 26	4 56	1 55	15 30	2 4	0 24	1 31	19 54	1 36	22 46	0 25	4 20	1 40	1 38	15 36	14 39	14 31	12 42	1 42	3 37
F 20	19 44	17 59	1 30	12 2	2 26	5 22	1 56	15 24	2 5	0 23	1 30	19 55	1 36	22 47	0 25	4 19	1 40	1 37	15 36	14 40	14 32	12 41	1 41	3 37
S 21	19 57	15 51	0 28	12 20	2 25	5 48	1 57	15 17	2 7	0 23	1 30	19 56	1 36	22 47	0 25	4 19	1 40	1 37	15 36	14 40	14 33	12 39	1 40	3 37
S 22	20 10	13 4	0s34	12 40	2 22	6 14	1 58	15 11	2 9	0 22	1 30	19 58	1 36	22 47	0 25	4 19	1 40	1 37	15 36	14 40	14 34	12 38	1 40	3 37
M23	20 23	9 46	1 36	13 2	2 19	6 40	1 59	15 4	2 10	0 22	1 29	19 59	1 36	22 47	0 25	4 18	1 40	1 37	15 36	14 40	14 35	12 36	1 39	3 36
T 24	20 35	6 3	2 33	13 27	2 16	7 6	2 0	14 58	2 12	0 22	1 29	20 0	1 36	22 47	0 25	4 18	1 40	1 37	15 36	14 41	14 36	12 35	1 39	3 36
W25	20 47	2 2	3 24	13 52	2 11	7 32	2 1	14 52	2 13	0 22	1 29	20 1	1 35	22 48	0 25	4 18	1 40	1 36	15 35	14 42	14 37	12 33	1 38	3 36
T 26	20 58	2n 7	4 7	14 19	2 6	7 58	2 1	14 46	2 15	0 22	1 29	20 3	1 35	22 48	0 25	4 17	1 40	1 36	15 35	14 44	14 38	12 32	1 38	3 36
F 27	21 10	6 18	4 39	14 46	2 1	8 23	2 2	14 40	2 17	0 22	1 28	20 4	1 35	22 48	0 25	4 17	1 40	1 36	15 35	14 47	14 39	12 30	1 37	3 35
S 28	21 20	10 18	4 58	15 14	1 55	8 49	2 2	14 34	2 19	0 22	1 28	20 5	1 35	22 48	0 25	4 17	1 40	1 36	15 35	14 50	14 40	12 29	1 37	3 35
S 29	21 31	13 54	5 1	15 42	1 49	9 14	2 2	14 29	2 20	0 22	1 28	20 6	1 35	22 49	0 25	4 16	1 40	1 36	15 35	14 54	14 41	12 27	1 37	3 35
M30	21s40	16n52	4s47	16s11	1n42	9s40	2n 2	14n23	2n22	0n22	1s27	20s 7	1n35	22n49	0n25	4n16	1s40	1n36	15s35	14n58	14n42	12s26	1n36	3n35

Julian Day Number = 2403637.5, Delta T = 3.77 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'31, Lahiri = 22°01'31

ASTRODIENST EPHEMERIS for the year 1868
geocentric

DECEMBER 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 30	9♐ 7'49	21♊29	21♏41	1♏29	28♌23	4♈18	8♐19	16°R47	14°R41	15°R39	19°R22	20♌20	29♒34	25°R46	T 1
W 2	4 44 27	10° 8'40	5♋35	23° 7	2°41	28°42	4°19	8°26	16♋45	14♈41	15♉38	19♌13	20°17	29°41	25♓46	W 2
T 3	4 48 23	11° 9'33	19°48	24°34	3°54	29° 2	4°19	8°33	16°43	14°40	15°37	19° 7	20°14	29°48	25°46	T 3
F 4	4 52 20	12°10'27	4♌ 3	26° 2	5° 7	29°21	4°20	8°40	16°41	14°39	15°36	19° 4	20°11	29°54	25°46	F 4
S 5	4 56 17	13°11'21	18°17	27°30	6°20	29°40	4°21	8°47	16°39	14°38	15°35	19°D 3	20° 8	0♓ 1	25°45	S 5
S 6	5 0 13	14°12'18	2♍27	28°59	7°33	29°58	4°23	8°55	16°37	14°38	15°34	19° 3	20° 4	0° 8	25°45	S 6
M 7	5 4 10	15°13'15	16°33	0♐29	8°46	0♍16	4°24	9° 2	16°35	14°37	15°33	19°R 4	20° 1	0°14	25°D45	M 7
T 8	5 8 6	16°14'14	0♎33	1°59	9°59	0°33	4°26	9° 9	16°33	14°36	15°32	19° 3	19°58	0°21	25°45	T 8
W 9	5 12 3	17°15'13	14°26	3°29	11°12	0°50	4°28	9°16	16°31	14°36	15°31	19° 0	19°55	0°28	25°46	W 9
T 10	5 15 59	18°16'14	28°13	5° 0	12°26	1° 6	4°30	9°23	16°28	14°35	15°30	18°54	19°52	0°34	25°46	T 10
F 11	5 19 56	19°17'16	11♏51	6°31	13°39	1°22	4°32	9°30	16°26	14°35	15°29	18°46	19°49	0°41	25°46	F 11
S 12	5 23 52	20°18'20	25°18	8° 3	14°52	1°37	4°35	9°37	16°24	14°34	15°28	18°36	19°45	0°48	25°46	S 12
S 13	5 27 49	21°19'23	8♐33	9°34	16° 6	1°52	4°38	9°44	16°22	14°34	15°27	18°25	19°42	0°54	25°47	S 13
M14	5 31 46	22°20'28	21°34	11° 6	17°19	2° 6	4°41	9°51	16°19	14°34	15°26	18°15	19°39	1° 1	25°47	M14
T 15	5 35 42	23°21'34	4♑20	12°38	18°33	2°20	4°44	9°58	16°17	14°33	15°25	18° 6	19°36	1° 7	25°47	T 15
W16	5 39 39	24°22'40	16°49	14°10	19°47	2°33	4°47	10° 5	16°15	14°33	15°25	17°59	19°33	1°14	25°48	W16
T 17	5 43 35	25°23'46	29° 4	15°43	21° 0	2°46	4°51	10°12	16°12	14°32	15°24	17°54	19°29	1°21	25°48	T 17
F 18	5 47 32	26°24'53	11♒ 7	17°16	22°14	2°58	4°54	10°19	16°10	14°32	15°23	17°52	19°26	1°27	25°49	F 18
S 19	5 51 28	27°26'00	23° 0	18°48	23°28	3°10	4°58	10°26	16° 8	14°32	15°22	17°D52	19°23	1°34	25°50	S 19
S 20	5 55 25	28°27'08	4♓48	20°21	24°42	3°21	5° 2	10°33	16° 5	14°32	15°21	17°53	19°20	1°41	25°50	S 20
M21	5 59 22	29°28'15	16°35	21°55	25°55	3°31	5° 7	10°40	16° 3	14°32	15°21	17°54	19°17	1°47	25°51	M21
T 22	6 3 18	0♑29'23	28°27	23°28	27° 9	3°41	5°11	10°47	16° 0	14°31	15°20	17°R55	19°14	1°54	25°52	T 22
W23	6 7 15	1°30'31	10♈30	25° 2	28°23	3°50	5°16	10°53	15°58	14°31	15°19	17°55	19°10	2° 1	25°53	W23
T 24	6 11 11	2°31'39	22°47	26°35	29°37	3°58	5°21	11° 0	15°55	14°31	15°18	17°52	19° 7	2° 7	25°54	T 24
F 25	6 15 8	3°32'47	5♉25	28°10	0♐51	4° 6	5°26	11° 7	15°53	14°D31	15°18	17°48	19° 4	2°14	25°55	F 25
S 26	6 19 4	4°33'55	18°26	29°44	2° 5	4°13	5°31	11°14	15°50	14°31	15°17	17°42	19° 1	2°21	25°56	S 26
S 27	6 23 1	5°35'03	1♊52	1♑19	3°19	4°20	5°37	11°20	15°48	14°31	15°16	17°35	18°58	2°27	25°57	S 27
M28	6 26 57	6°36'11	15°42	2°53	4°33	4°26	5°42	11°27	15°45	14°31	15°16	17°28	18°55	2°34	25°58	M28
T 29	6 30 54	7°37'19	29°54	4°29	5°47	4°31	5°48	11°34	15°43	14°31	15°15	17°21	18°51	2°41	26° 0	T 29
W30	6 34 51	8°38'28	14♋24	6° 4	7° 1	4°35	5°54	11°40	15°40	14°32	15°14	17°16	18°48	2°47	26° 1	W30
T 31	6 38 47	9♑39'36	29♋ 3	7♑40	8♐16	4♍39	6♈ 0	11♐47	15♋37	14♈32	15♉14	17♌13	18♌45	2♓54	26♓ 2	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	21s50	18n55	4s16	16s39	1n36	10s 5	2n 3	14n18	2n24	0n23	1s27	20s 8	1n35	22n49	0n25	4n16	1s40	1n35	15s35	15n 1	14n43	12s24	1n36	3n34
W 2	21 59	19 51	3 29	17 8	1 29	10 30	2 3	14 12	2 26	0 23	1 27	20 10	1 35	22 49	0 25	4 15	1 40	1 35	15 35	15 4	14 44	12 23	1 35	3 34
T 3	22 8	19 32	2 29	17 36	1 22	10 54	2 2	14 7	2 27	0 24	1 27	20 11	1 35	22 50	0 25	4 15	1 39	1 35	15 34	15 6	14 45	12 21	1 35	3 34
F 4	22 16	17 59	1 19	18 4	1 15	11 19	2 2	14 2	2 29	0 24	1 26	20 12	1 35	22 50	0 25	4 15	1 39	1 35	15 34	15 7	14 46	12 20	1 35	3 33
S 5	22 24	15 18	0 4	18 31	1 7	11 43	2 2	13 57	2 31	0 25	1 26	20 13	1 35	22 50	0 25	4 15	1 39	1 35	15 34	15 7	14 47	12 18	1 34	3 33
S 6	22 31	11 43	1n11	18 58	1 0	12 7	2 2	13 53	2 33	0 26	1 26	20 14	1 35	22 50	0 25	4 15	1 39	1 35	15 34	15 7	14 48	12 17	1 34	3 33
M 7	22 38	7 29	2 21	19 24	0 53	12 31	2 1	13 48	2 35	0 27	1 25	20 15	1 35	22 51	0 25	4 14	1 39	1 35	15 34	15 7	14 49	12 15	1 34	3 33
T 8	22 45	2 53	3 23	19 50	0 45	12 55	2 0	13 44	2 37	0 28	1 25	20 16	1 35	22 51	0 26	4 14	1 39	1 35	15 33	15 7	14 50	12 14	1 34	3 32
W 9	22 51	1s50	4 11	20 14	0 38	13 18	2 0	13 39	2 39	0 29	1 25	20 18	1 35	22 51	0 26	4 14	1 39	1 35	15 33	15 8	14 51	12 12	1 34	3 32
T 10	22 56	6 24	4 45	20 38	0 31	13 41	1 59	13 35	2 40	0 30	1 24	20 19	1 35	22 52	0 26	4 14	1 39	1 35	15 33	15 10	14 52	12 10	1 33	3 32
F 11	23 1	10 36	5 2	21 2	0 23	14 4	1 58	13 31	2 42	0 31	1 24	20 20	1 35	22 52	0 26	4 14	1 39	1 35	15 33	15 13	14 53	12 9	1 33	3 32
S 12	23 6	14 12	5 2	21 24	0 16	14 26	1 57	13 28	2 44	0 32	1 24	20 21	1 35	22 52	0 26	4 14	1 39	1 35	15 33	15 16	14 54	12 7	1 33	3 31
S 13	23 10	17 2	4 46	21 45	0 9	14 48	1 56	13 24	2 46	0 34	1 24	20 22	1 35	22 52	0 26	4 13	1 39	1 35	15 32	15 19	14 55	12 6	1 33	3 31
M14	23 14	18 56	4 15	22 5	0 2	15 10	1 55	13 21	2 48	0 35	1 23	20 23	1 35	22 53	0 26	4 13	1 39	1 35	15 32	15 22	14 56	12 4	1 33	3 31
T 15	23 17	19 51	3 32	22 25	0s 5	15 32	1 54	13 18	2 50	0 37	1 23	20 24	1 35	22 53	0 26	4 13	1 39	1 34	15 32	15 25	14 57	12 3	1 33	3 31
W16	23 20	19 46	2 39	22 43	0 12	15 53	1 53	13 15	2 52	0 38	1 23	20 25	1 35	22 53	0 26	4 13	1 39	1 34	15 32	15 27	14 58	12 1	1 33	3 30
T 17	23 22	18 44	1 40	23 0	0 19	16 13	1 52	13 12	2 54	0 40	1 22	20 26	1 35	22 54	0 26	4 13	1 39	1 34	15 32	15 29	14 59	12 0	1 33	3 30
F 18	23 24	16 52	0 36	23 16	0 26	16 34	1 50	13 10	2 56	0 42	1 22	20 27	1 35	22 54	0 26	4 13	1 39	1 34	15 31	15 29	15 0	11 58	1 33	3 30
S 19	23 26	14 18	0s28	23 31	0 32	16 54	1 49	13 7	2 58	0 44	1 22	20 28	1 35	22 54	0 26	4 13	1 39	1 34	15 31	15 29	15 1	11 56	1 33	3 30
S 20	23 27	11 10	1 30	23 45	0 39	17 13	1 47	13 5	3 0	0 45	1 22	20 29	1 35	22 55	0 26	4 13	1 39	1 35	15 31	15 29	15 2	11 55	1 33	3 29
M21	23 27	7 35	2 29	23 57	0 45	17 32	1 46	13 4	3 3	0 47	1 21	20 30	1 35	22 55	0 26	4 13	1 39	1 35	15 31	15 28	15 3	11 53	1 33	3 29
T 22	23 27	3 42	3 22	24 9	0 51	17 51	1 44	13 2	3 5	0 49	1 21	20 31	1 35	22 55	0 26	4 13	1 39	1 35	15 30	15 28	15 4	11 52	1 33	3 29
W23	23 27	0n23	4 6	24 19	0 57	18 9	1 42	13 1	3 7	0 52	1 21	20 32	1 35	22 56	0 26	4 13	1 38	1 35	15 30	15 28	15 5	11 50	1 33	3 28
T 24	23 26	4 31	4 41	24 27	1 3	18 27	1 41	12 59	3 9	0 54	1 20	20 33	1 35	22 56	0 26	4 13	1 38	1 35	15 30	15 29	15 6	11 49	1 33	3 28
F 25	23 24	8 35	5 3	24 35	1 8	18 44	1 39	12 59	3 11	0 56	1 20	20 34	1 35	22 56	0 26	4 13	1 38	1 35	15 30	15 30	15 7	11 47	1 33	3 28
S 26	23 23	12 22	5 10	24 41	1 14	19 1	1 37	12 58	3 13	0 58	1 20	20 35	1 35	22 56	0 26	4 13	1 38	1 35	15 29	15 32	15 8	11 45	1 34	3 28
S 27	23 20	15 38	5 0	24 46	1 19	19 17	1 35	12 58	3 15	1 1	1 20	20 36	1 35	22 57	0 26	4 13	1 38	1 35	15 29	15 34	15 9	11 44	1 34	3 27
M28	23 17	18 9	4 33	24 49	1 24	19 32	1 33	12 57	3 18	1 3	1 19	20 36	1 35	22 57	0 26	4 13	1 38	1 35	15 29	15 37	15 10	11 42	1 34	3 27
T 29	23 14	19 38	3 49	24 52	1 29	19 48	1 31	12 58	3 20	1 6	1 19	20 37	1 35	22 57	0 26	4 13	1 38	1 35	15 28	15 39	15 11	11 41	1 34	3 27
W30	23 10	19 52	2 49	24 52	1 33	20 2	1 29	12 58	3 22	1 8	1 19	20 38	1 35	22 58	0 26	4 13	1 38	1 35	15 28	15 40	15 12	11 39	1 35	3 27
T 31	23s 6	18n46	1s37	24s52	1s38	20s16	1n27	12n59	3n24	1n11	1s18	20s39	1n35	22n58	0n26	4n13	1s38	1n35	15s28	15n41	15n13	11s37	1n35	3n26

Julian Day Number = 2403667.5, Delta T = 3.66 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'35, Lahiri = 22°01'36