



Astrodienst Ephemeris Tables for the year 1893

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 EPHEMERIS for the year 1893
geocentric

JANUARY 1893

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 43 28	10♌51'26	19♏19	18♌9	11♌21	2♏38	15♏50	12♏26	9♏53	9♏5	8♏16	5♏R51	4♏30	19♏35	3♏R46	S 1
M 2	6 47 25	11°52'35	4♏5	19°10	12°36	3°18	15°55	12°28	9°55	9♏4	8♏II15	5♏42	4°27	19°41	3♏R45	M 2
T 3	6 51 21	12°53'43	18°43	20°15	13°50	3°57	16°0	12°30	9°57	9°3	8°14	5°32	4°24	19°48	3°43	T 3
W 4	6 55 18	13°54'51	3♏4	21°22	15°5	4°36	16°5	12°32	9°59	9°1	8°13	5°20	4°21	19°54	3°41	W 4
T 5	6 59 14	14°56'00	17°2	22°32	16°19	5°16	16°10	12°34	10°1	9°0	8°12	5°9	4°18	20°1	3°39	T 5
F 6	7 3 11	15°57'08	0♏35	23°44	17°34	5°55	16°15	12°36	10°3	8°59	8°11	5°0	4°14	20°8	3°37	F 6
S 7	7 7 7	16°58'16	13°40	24°58	18°48	6°35	16°21	12°37	10°5	8°58	8°11	4°53	4°11	20°14	3°35	S 7
S 8	7 11 4	17°59'24	26°21	26°13	20°3	7°14	16°26	12°39	10°7	8°56	8°10	4°48	4°8	20°21	3°32	S 8
M 9	7 15 1	19°0'32	8♏40	27°30	21°18	7°54	16°32	12°40	10°9	8°55	8°9	4°46	4°5	20°28	3°30	M 9
T 10	7 18 57	20°1'40	20°43	28°49	22°32	8°33	16°38	12°41	10°11	8°54	8°8	4°D46	4°2	20°34	3°27	T 10
W11	7 22 54	21°2'49	2♏36	0♌9	23°47	9°13	16°44	12°43	10°13	8°53	8°7	4°R46	3°58	20°41	3°25	W11
T 12	7 26 50	22°3'57	14°23	1°30	25°1	9°52	16°51	12°44	10°15	8°52	8°6	4°46	3°55	20°48	3°22	T 12
F 13	7 30 47	23°5'05	26°10	2°52	26°16	10°32	16°57	12°45	10°17	8°50	8°6	4°44	3°52	20°54	3°19	F 13
S 14	7 34 43	24°6'12	8♌2	4°15	27°31	11°12	17°4	12°45	10°18	8°49	8°5	4°39	3°49	21°1	3°16	S 14
S 15	7 38 40	25°7'20	20°4	5°39	28°45	11°51	17°11	12°46	10°20	8°48	8°4	4°32	3°46	21°8	3°14	S 15
M16	7 42 36	26°8'27	2♌17	7°3	0♌0	12°31	17°18	12°47	10°21	8°47	8°3	4°22	3°43	21°14	3°10	M16
T 17	7 46 33	27°9'34	14°45	8°29	1°15	13°11	17°25	12°47	10°23	8°46	8°3	4°9	3°39	21°21	3°7	T 17
W18	7 50 30	28°10'40	27°27	9°55	2°29	13°50	17°32	12°48	10°24	8°45	8°2	3°55	3°36	21°28	3°4	W18
T 19	7 54 26	29°11'45	10♌24	11°23	3°44	14°30	17°40	12°48	10°26	8°44	8°1	3°41	3°33	21°34	3°1	T 19
F 20	7 58 23	0♌12'50	23°33	12°51	4°59	15°10	17°48	12°48	10°27	8°43	8°1	3°28	3°30	21°41	2°57	F 20
S 21	8 2 19	1°13'54	6♌55	14°19	6°14	15°50	17°55	12°R48	10°29	8°42	8°0	3°18	3°27	21°48	2°54	S 21
S 22	8 6 16	2°14'57	20°26	15°49	7°28	16°29	18°3	12°48	10°30	8°42	8°0	3°10	3°24	21°54	2°50	S 22
M23	8 10 12	3°15'58	4♏5	17°19	8°43	17°9	18°12	12°48	10°31	8°41	7°59	3°5	3°20	22°1	2°47	M23
T 24	8 14 9	4°16'59	17°53	18°49	9°58	17°49	18°20	12°48	10°32	8°40	7°58	3°3	3°17	22°8	2°43	T 24
W25	8 18 5	5°17'59	1♌49	20°21	11°13	18°29	18°28	12°48	10°33	8°39	7°58	3°3	3°14	22°14	2°39	W25
T 26	8 22 2	6°18'57	15°52	21°53	12°27	19°9	18°37	12°47	10°34	8°38	7°57	3°3	3°11	22°21	2°35	T 26
F 27	8 25 59	7°19'55	0♏3	23°25	13°42	19°48	18°46	12°47	10°35	8°38	7°57	3°2	3°8	22°27	2°31	F 27
S 28	8 29 55	8°20'51	14°20	24°59	14°57	20°28	18°54	12°46	10°36	8°37	7°56	2°58	3°4	22°34	2°27	S 28
S 29	8 33 52	9°21'46	28°40	26°33	16°12	21°8	19°3	12°45	10°37	8°36	7°56	2°52	3°1	22°41	2°23	S 29
M30	8 37 48	10°22'40	13♌0	28°8	17°26	21°48	19°13	12°44	10°38	8°36	7°55	2°42	2°58	22°47	2°19	M30
T 31	8 41 45	11°23'32	27♌13	29♌43	18♌41	22♏28	19♏22	12♏43	10♏39	8♏II35	7♏II55	2♏31	2♏55	22♏54	2♏15	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	23s 1	26n30	3n29	21s 3	1n53	20s53	1n17	0n54	0s10	5n 2	1s18	2s43	2n24	14s22	0n27	20n15
M 2	22 55	27 42	4 18	21 17	1 44	21 6	1 14	1 11	0 9	5 4	1 17	2 43	2 24	14 22	0 27	20 15
T 3	22 50	26 56	4 50	21 31	1 35	21 17	1 12	1 27	0 7	5 7	1 17	2 44	2 24	14 23	0 27	20 15
W 4	22 44	24 23	5 2	21 44	1 27	21 28	1 10	1 44	0 6	5 9	1 17	2 45	2 25	14 24	0 27	20 15
T 5	22 37	20 26	4 56	21 57	1 18	21 38	1 7	2 1	0 5	5 11	1 17	2 44	2 25	14 24	0 27	20 14
F 6	22 30	15 32	4 33	22 10	1 9	21 48	1 5	2 18	0 4	5 13	1 16	2 45	2 25	14 25	0 27	20 14
S 7	22 23	10 4	3 57	22 21	1 0	21 57	1 2	2 35	0 2	5 16	1 16	2 45	2 26	14 26	0 27	20 14
S 8	22 15	4 21	3 9	22 33	0 51	22 5	1 0	2 51	0 1	5 18	1 16	2 46	2 26	14 26	0 27	20 14
M 9	22 6	1s23	2 14	22 43	0 43	22 13	0 57	3 8	0n 0	5 21	1 15	2 46	2 26	14 27	0 27	20 14
T 10	21 58	6 57	1 14	22 53	0 34	22 20	0 55	3 25	0 1	5 23	1 15	2 46	2 26	14 27	0 27	20 14
W11	21 48	12 12	0 12	23 1	0 26	22 27	0 52	3 42	0 3	5 26	1 15	2 46	2 27	14 28	0 27	20 14
T 12	21 39	16 58	0s51	23 9	0 18	22 32	0 49	3 58	0 4	5 29	1 15	2 46	2 27	14 29	0 27	20 13
F 13	21 29	21 6	1 51	23 16	0 9	22 38	0 47	4 15	0 5	5 31	1 14	2 47	2 27	14 29	0 27	20 13
S 14	21 18	24 24	2 47	23 22	0 1	22 42	0 44	4 31	0 6	5 34	1 14	2 47	2 28	14 30	0 27	20 13
S 15	21 7	26 40	3 35	23 27	0s 6	22 46	0 41	4 48	0 7	5 37	1 14	2 47	2 28	14 30	0 27	20 13
M16	20 56	27 41	4 15	23 30	0 14	22 49	0 39	5 4	0 8	5 40	1 13	2 47	2 28	14 31	0 27	20 13
T 17	20 44	27 20	4 43	23 33	0 22	22 51	0 36	5 21	0 9	5 43	1 13	2 47	2 28	14 31	0 27	20 13
W18	20 32	25 33	4 58	23 34	0 29	22 53	0 33	5 37	0 10	5 46	1 13	2 46	2 29	14 31	0 27	20 13
T 19	20 20	22 25	4 58	23 34	0 36	22 54	0 30	5 54	0 12	5 49	1 13	2 46	2 29	14 32	0 27	20 13
F 20	20 7	18 6	4 42	23 33	0 43	22 54	0 28	6 10	0 13	5 52	1 12	2 46	2 29	14 32	0 27	20 13
S 21	19 54	12 51	4 11	23 30	0 49	22 54	0 25	6 26	0 14	5 56	1 12	2 46	2 30	14 33	0 27	20 12
S 22	19 40	6 56	3 25	23 27	0 56	22 53	0 22	6 43	0 15	5 59	1 12	2 46	2 30	14 33	0 27	20 12
M23	19 26	0 37	2 27	23 22	1 2	22 51	0 19	6 59	0 16	6 2	1 12	2 45	2 30	14 33	0 27	20 12
T 24	19 12	5n48	1 19	23 15	1 8	22 48	0 17	7 15	0 17	6 6	1 11	2 45	2 30	14 34	0 27	20 12
W25	18 57	12 0	0 7	23 8	1 14	22 45	0 14	7 31	0 18	6 9	1 11	2 45	2 31	14 34	0 27	20 12
T 26	18 42	17 40	1n 7	22 59	1 19	22 41	0 11	7 47	0 19	6 12	1 11	2 44	2 31	14 34	0 27	20 12
F 27	18 27	22 25	2 17	22 49	1 24	22 37	0 8	8 3	0 20	6 16	1 11	2 44	2 31	14 35	0 27	20 12
S 28	18 11	25 50	3 20	22 37	1 29	22 31	0 6	8 19	0 21	6 20	1 10	2 43	2 32	14 35	0 27	20 12
S 29	17 55	27 36	4 9	22 24	1 34	22 25	0 3	8 35	0 21	6 23	1 10	2 43	2 32	14 35	0 27	20 12
M30	17 39	27 31	4 43	22 10	1 38	22 19	0 0	8 51	0 22	6 27	1 10	2 42	2 32	14 35	0 27	20 12
T 31	17s22	25n37	4n59	21s54	1s43	22s11	0s 2	9n 7	0n23	6n31	1s10	2s41	2n32	14s36	0n27	20n12

Julian Day Number = 2412464.5, Delta T = -4.71 sec
Ecliptic obliquity = 23°27'18, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'46, Lahiri = 22°21'46

ASTRODIENST EPHEMERIS for the year 1893
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FEBRUARY 1893

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 45 41	12 ²² 24'24"	11 ¹² 14	1 ¹² 19	19 ¹² 56	23 ¹² 8	19 ¹² 31	12 ¹² R42	10 ¹² M39	8 ¹² R34	7 ¹² R54	2 ¹² R18	2 ¹² 52	23 ¹² M 1	2 ¹² R11	W 1
T 2	8 49 38	13 ¹² 25'14"	24 ¹² 59	2 ¹² 56	21 ¹² 11	23 ¹² 48	19 ¹² 41	12 ¹² 41	10 ¹² 40	8 ¹² II34	7 ¹² II54	2 ¹² 8 6	2 ¹² 49	23 ¹² ° 7	2 ¹² II 6	T 2
F 3	8 53 34	14 ¹² 26'03"	8 ¹² II23	4 ¹² 33	22 ¹² 25	24 ¹² 27	19 ¹² 50	12 ¹² 40	10 ¹² 41	8 ¹² 33	7 ¹² 54	1 ¹² 55	2 ¹² 45	23 ¹² 14	2 ¹² ° 2	F 3
S 4	8 57 31	15 ¹² 26'51"	21 ¹² 24	6 ¹² 12	23 ¹² 40	25 ¹² ° 7	20 ¹² ° 0	12 ¹² 38	10 ¹² 41	8 ¹² 33	7 ¹² 53	1 ¹² 46	2 ¹² 42	23 ¹² 21	1 ¹² 58	S 4
S 5	9 1 28	16 ¹² 27'38"	4 ¹² 5	7 ¹² 51	24 ¹² 55	25 ¹² 47	20 ¹² 10	12 ¹² 37	10 ¹² 42	8 ¹² 33	7 ¹² 53	1 ¹² 41	2 ¹² 39	23 ¹² 27	1 ¹² 53	S 5
M 6	9 5 24	17 ¹² 28'23"	16 ¹² 25	9 ¹² 31	26 ¹² 10	26 ¹² 27	20 ¹² 20	12 ¹² 35	10 ¹² 42	8 ¹² 32	7 ¹² 53	1 ¹² 38	2 ¹² 36	23 ¹² 34	1 ¹² 49	M 6
T 7	9 9 21	18 ¹² 29'08"	28 ¹² 30	11 ¹² 11	27 ¹² 24	27 ¹² ° 7	20 ¹² 30	12 ¹² 33	10 ¹² 43	8 ¹² 32	7 ¹² 52	1 ¹² D37	2 ¹² 33	23 ¹² 41	1 ¹² 44	T 7
W 8	9 13 17	19 ¹² 29'52"	10 ¹² M24	12 ¹² 53	28 ¹² 39	27 ¹² 47	20 ¹² 40	12 ¹² 32	10 ¹² 43	8 ¹² 31	7 ¹² 52	1 ¹² 37	2 ¹² 30	23 ¹² 47	1 ¹² 40	W 8
T 9	9 17 14	20 ¹² 30'35"	22 ¹² 13	14 ¹² 35	29 ¹² 54	28 ¹² 26	20 ¹² 51	12 ¹² 30	10 ¹² 43	8 ¹² 31	7 ¹² 52	1 ¹² R37	2 ¹² 26	23 ¹² 54	1 ¹² 35	T 9
F 10	9 21 10	21 ¹² 31'17"	4 ¹² 2	16 ¹² 18	1 ¹² 8 9	29 ¹² ° 6	21 ¹² ° 1	12 ¹² 28	10 ¹² 43	8 ¹² 31	7 ¹² 52	1 ¹² 36	2 ¹² 23	24 ¹² ° 1	1 ¹² 31	F 10
S 11	9 25 7	22 ¹² 31'57"	15 ¹² 56	18 ¹² ° 2	2 ¹² 24	29 ¹² 46	21 ¹² 12	12 ¹² 26	10 ¹² 43	8 ¹² 31	7 ¹² 51	1 ¹² 33	2 ¹² 20	24 ¹² ° 7	1 ¹² 26	S 11
S 12	9 29 3	23 ¹² 32'37"	28 ¹² ° 1	19 ¹² 47	3 ¹² 38	0 ¹² 826	21 ¹² 22	12 ¹² 23	10 ¹² 44	8 ¹² 30	7 ¹² 51	1 ¹² 28	2 ¹² 17	24 ¹² 14	1 ¹² 21	S 12
M13	9 33 0	24 ¹² 33'15"	10 ¹² 320	21 ¹² 32	4 ¹² 53	1 ¹² ° 6	21 ¹² 33	12 ¹² 21	10 ¹² R44	8 ¹² 30	7 ¹² 51	1 ¹² 20	2 ¹² 14	24 ¹² 21	1 ¹² 17	M13
T 14	9 36 57	25 ¹² 33'53"	22 ¹² 57	23 ¹² 19	6 ¹² ° 8	1 ¹² 46	21 ¹² 44	12 ¹² 19	10 ¹² 44	8 ¹² 30	7 ¹² 51	1 ¹² 10	2 ¹² 10	24 ¹² 27	1 ¹² 12	T 14
W15	9 40 53	26 ¹² 34'28"	5 ¹² 52	25 ¹² ° 6	7 ¹² 23	2 ¹² 25	21 ¹² 55	12 ¹² 16	10 ¹² 44	8 ¹² 30	7 ¹² 51	0 ¹² 59	2 ¹² ° 7	24 ¹² 34	1 ¹² ° 7	W15
T 16	9 44 50	27 ¹² 35'03"	19 ¹² ° 7	26 ¹² 54	8 ¹² 38	3 ¹² ° 5	22 ¹² ° 6	12 ¹² 14	10 ¹² 43	8 ¹² 30	7 ¹² 51	0 ¹² 47	2 ¹² ° 4	24 ¹² 41	1 ¹² ° 3	T 16
F 17	9 48 46	28 ¹² 35'35"	2 ¹² II39	28 ¹² 43	9 ¹² 52	3 ¹² 45	22 ¹² 17	12 ¹² 11	10 ¹² 43	8 ¹² D30	7 ¹² 51	0 ¹² 37	2 ¹² ° 1	24 ¹² 47	0 ¹² 58	F 17
S 18	9 52 43	29 ¹² 36'06"	16 ¹² 26	0 ¹² II33	11 ¹² ° 7	4 ¹² 25	22 ¹² 29	12 ¹² ° 8	10 ¹² 43	8 ¹² 30	7 ¹² 50	0 ¹² 28	1 ¹² 58	24 ¹² 54	0 ¹² 53	S 18
S 19	9 56 39	0 ¹² II36'36"	0 ¹² II23	2 ¹² 24	12 ¹² 22	5 ¹² ° 5	22 ¹² 40	12 ¹² ° 5	10 ¹² 43	8 ¹² 30	7 ¹² 50	0 ¹² 21	1 ¹² 55	25 ¹² ° 1	0 ¹² 48	S 19
M20	10 0 36	1 ¹² 37'04"	14 ¹² 27	4 ¹² 15	13 ¹² 37	5 ¹² 45	22 ¹² 52	12 ¹² ° 2	10 ¹² 42	8 ¹² 30	7 ¹² D50	0 ¹² 18	1 ¹² 51	25 ¹² ° 7	0 ¹² 43	M20
T 21	10 4 32	2 ¹² 37'29"	28 ¹² 35	6 ¹² ° 7	14 ¹² 51	6 ¹² 24	23 ¹² ° 3	11 ¹² 59	10 ¹² 42	8 ¹² 30	7 ¹² 50	0 ¹² D17	1 ¹² 48	25 ¹² 14	0 ¹² 39	T 21
W22	10 8 29	3 ¹² 37'53"	12 ¹² II44	8 ¹² ° 0	16 ¹² ° 6	7 ¹² ° 4	23 ¹² 15	11 ¹² 56	10 ¹² 42	8 ¹² 30	7 ¹² 50	0 ¹² 17	1 ¹² 45	25 ¹² 21	0 ¹² 34	W22
T 23	10 12 26	4 ¹² 38'15"	26 ¹² 52	9 ¹² 53	17 ¹² 21	7 ¹² 44	23 ¹² 27	11 ¹² 53	10 ¹² 41	8 ¹² 31	7 ¹² 51	0 ¹² 18	1 ¹² 42	25 ¹² 27	0 ¹² 29	T 23
F 24	10 16 22	5 ¹² 38'35"	10 ¹² II58	11 ¹² 47	18 ¹² 36	8 ¹² 24	23 ¹² 38	11 ¹² 50	10 ¹² 41	8 ¹² 31	7 ¹² 51	0 ¹² R18	1 ¹² 39	25 ¹² 34	0 ¹² 25	F 24
S 25	10 20 19	6 ¹² 38'54"	25 ¹² ° 2	13 ¹² 41	19 ¹² 50	9 ¹² ° 3	23 ¹² 50	11 ¹² 47	10 ¹² 40	8 ¹² 31	7 ¹² 51	0 ¹² 17	1 ¹² 36	25 ¹² 40	0 ¹² 20	S 25
S 26	10 24 15	7 ¹² 39'10"	9 ¹² 26 1	15 ¹² 35	21 ¹² ° 5	9 ¹² 43	24 ¹² ° 2	11 ¹² 43	10 ¹² 39	8 ¹² 31	7 ¹² 51	0 ¹² 13	1 ¹² 32	25 ¹² 47	0 ¹² 15	S 26
M27	10 28 12	8 ¹² 39'24"	22 ¹² 54	17 ¹² 29	22 ¹² 20	10 ¹² 23	24 ¹² 15	11 ¹² 40	10 ¹² 39	8 ¹² 32	7 ¹² 51	0 ¹² ° 7	1 ¹² 29	25 ¹² 54	0 ¹² 10	M27
T 28	10 32 8	9 ¹² II39'36"	6 ¹² II39	19 ¹² II23	23 ¹² II34	11 ¹² II 3	24 ¹² II27	11 ¹² II36	10 ¹² II38	8 ¹² II32	7 ¹² II51	29 ¹² II59	1 ¹² II26	26 ¹² II 0	0 ¹² II 6	T 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	17s 5	22n10	4n57	21s37	1s46	22s 3	0s 5	9n22	0n24	6n34	1s 9	2s41	2n33	14s36	0n27	20n12	1s34	10n29	11s17	12n17	12n28	20s15	4n26	6s42			
T 2	16 48	17 33	4 37	21 18	1 50	21 55	0 8	9 38	0 25	6 38	1 9	2 40	2 33	14 36	0 27	20 12	1 34	10 30	11 17	12 13	12 27	20 18	4 28	6 43			
F 3	16 31	12 11	4 3	20 58	1 53	21 45	0 10	9 53	0 26	6 42	1 9	2 39	2 33	14 36	0 27	20 12	1 34	10 30	11 17	12 9	12 26	20 20	4 29	6 43			
S 4	16 13	6 24	3 16	20 36	1 56	21 36	0 13	10 9	0 27	6 46	1 9	2 38	2 33	14 36	0 27	20 12	1 34	10 30	11 17	12 6	12 25	20 23	4 30	6 43			
S 5	15 55	0 32	2 21	20 13	1 58	21 25	0 15	10 24	0 28	6 50	1 8	2 38	2 34	14 37	0 27	20 12	1 34	10 30	11 16	12 4	12 24	20 25	4 32	6 43			
M 6	15 36	5s14	1 20	19 49	2 0	21 14	0 18	10 39	0 29	6 54	1 8	2 37	2 34	14 37	0 27	20 12	1 34	10 30	11 16	12 3	12 23	20 28	4 33	6 43			
T 7	15 18	10 42	0 16	19 23	2 2	21 2	0 21	10 54	0 29	6 58	1 8	2 36	2 34	14 37	0 27	20 12	1 34	10 31	11 16	12 2	12 22	20 30	4 35	6 43			
W 8	14 59	15 41	0s47	18 56	2 4	20 49	0 23	11 10	0 30	7 2	1 8	2 35	2 35	14 37	0 27	20 12	1 34	10 31	11 16	12 3	12 21	20 33	4 36	6 43			
T 9	14 40	20 4	1 47	18 27	2 5	20 36	0 26	11 25	0 31	7 6	1 8	2 34	2 35	14 37	0 27	20 12	1 34	10 31	11 15	12 3	12 20	20 35	4 38	6 43			
F 10	14 20	23 39	2 43	17 57	2 5	20 22	0 28	11 39	0 32	7 10	1 7	2 33	2 35	14 37	0 27	20 12	1 34	10 31	11 15	12 2	12 19	20 38	4 40	6 43			
S 11	14 1	26 14	3 33	17 26	2 5	20 8	0 30	11 54	0 33	7 14	1 7	2 32	2 35	14 37	0 27	20 12	1 34	10 32	11 15	12 1	12 17	20 40	4 41	6 43			
S 12	13 41	27 40	4 13	16 52	2 5	19 53	0 33	12 9	0 33	7 18	1 7	2 31	2 36	14 37	0 27	20 12	1 34	10 32	11 14	12 0	12 16	20 43	4 43	6 43			
M13	13 21	27 45	4 43	16 18	2 5	19 38	0 35	12 24	0 34	7 23	1 7	2 30	2 36	14 37	0 27	20 12	1 34	10 32	11 14	11 57	12 15	20 45	4 45	6 43			
T 14	13 0	26 26	5 0	15 42	2 3	19 21	0 37	12 38	0 35	7 27	1 6	2 28	2 36	14 37	0 27	20 12	1 33	10 32	11 14	11 53	12 14	20 48	4 46	6 43			
W15	12 40	23 41	5 2	15 4	2 2	19 5	0 40	12 53	0 35	7 31	1 6	2 27	2 36	14 37	0 28	20 12	1 33	10 33	11 14	11 49	12 13	20 50	4 48	6 43			
T 16	12 19	19 39	4 48	14 26	2 0	18 48	0 42	13 7	0 36	7 35	1 6	2 26	2 36	14 37	0 28	20 12	1 33	10 33	11 13	11 45	12 12	20 52	4 50	6 43			
F 17	11 58	14 32	4 18	13 45	1 57	18 30	0 44	13 21	0 37	7 40	1 6	2 25	2 37	14 37	0 28	20 12	1 33	10 33	11 13	11 42	12 11	20 55	4 52	6 42			
S 18	11 37	8 37	3 32	13 4	1 54	18 12	0 46	13 35	0 38	7 44	1 6	2 24	2 37	14 37	0 28	20 12	1 33	10 33	11 13	11 39	12 10	20 57	4 53	6 42			
S 19	11 16	2 11	2 33	12 21	1 50	17 53	0 48	13 50	0 38	7 49	1 5	2 22	2 37	14 37	0 28	20 12	1 33	10 34	11 13	11 36	12 9	21 0	4 55	6 42			
M20	10 54	4n25	1 24	11 36	1 46	17 33	0 51	14 3	0 39	7 53	1 5	2 21	2 37	14 37	0 28	20 12	1 33	10 34	11 12	11 35	12 8	21 2	4 57	6 42			
T 21	10 33	10 50	0 9	10 50	1 41	17 14	0 53	14 17	0 40	7 58	1 5	2 19	2 38	14 36	0 28	20 12	1 33	10 34	11 12	11 35	12 7	21 4	4 59	6 42			
W22	10 11	16 43	1n 6	10 3	1 36	16 53	0 54	14 31	0 40	8 2	1 5	2 18	2 38	14 36	0 28	20 12	1 33	10 34	11 12	11 35	12 5	21 7	5 1	6 42			
T 23	9 49	21 42	2 18	9 15	1 30	16 32	0 56	14 45	0 41	8 7	1 5	2 17	2 38	14 36	0 28	20 12	1 33	10 35	11 11	11 35	12 4	21 9	5 3	6 41			
F 24	9 27	25 25	3 20	8 26	1 23	16 11	0 58	14 58	0 42	8 11	1 5	2 15	2 38	14 36	0 28	20 13	1 33	10 35	11 11	11 35	12 3	21 12	5 4	6 41			
S 25	9 5	27 32	4 11	7 36	1 16	15 50	1 0	15 12	0 42	8 16	1 4	2 14	2 38	14 36	0 28	20 13	1 33	10 35	11 11	11 35	12 2	21 14	5 6	6 41			
S 26	8 42	27 54	4 46	6 44	1 9	15 27	1 2	15 25	0 43	8 20	1 4	2 12	2 39	14 35	0 28	20 13	1 33	10 36	11 11	11 33	12 1	21 16	5 8	6 41			
M27	8 20	26 30	5 4	5 52	1 0	15 5	1 4	15 38	0 44	8 25	1 4	2 11	2 39	14 35	0 28	20 13	1 33	10 36	11 10	11 31	12 0	21 19	5 10	6 40			
T 28	7s57	23n32	5n 4	4s59	0s51	14s42	1s 5	15n51	0n44	8n29	1s 4	2s 9	2n39	14s35	0n28	20n13	1s33	10n36	11s10	11n28	11n59	21s21	5n12	6s40			

ASTRODIENST EPHEMERIS for the year 1893
geocentric

MARCH 1893

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 36 5	10♌39'46	20♏13	21♌16	24♌49	11♌42	24♌39	11°R33	10°R37	8♏32	7♏51	29°R50	1♌23	26♌7	0°R 1	W 1
T 2	10 40 1	11°39'54	3♏34	23° 9	26° 4	12°22	24°51	11♌29	10♌36	8°33	7°52	29°Y42	1°20	26°14	29♏56	T 2
F 3	10 43 58	12°40'00	16°38	25° 0	27°19	13° 2	25° 4	11°25	10°35	8°33	7°52	29°34	1°16	26°20	29°52	F 3
S 4	10 47 55	13°40'04	29°26	26°50	28°33	13°41	25°16	11°21	10°34	8°34	7°52	29°28	1°13	26°27	29°47	S 4
S 5	10 51 51	14°40'07	11♌58	28°37	29°48	14°21	25°29	11°18	10°33	8°34	7°52	29°24	1°10	26°34	29°43	S 5
M 6	10 55 48	15°40'07	24°14	0♏23	1♌3	15° 1	25°42	11°14	10°32	8°35	7°53	29°D23	1° 7	26°40	29°38	M 6
T 7	10 59 44	16°40'07	6♌18	2° 5	2°17	15°40	25°54	11°10	10°31	8°35	7°53	29°23	1° 4	26°47	29°34	T 7
W 8	11 3 41	17°40'04	18°12	3°44	3°32	16°20	26° 7	11° 6	10°30	8°36	7°53	29°24	1° 1	26°54	29°29	W 8
T 9	11 7 37	18°40'00	0♌1	5°19	4°46	17° 0	26°20	11° 1	10°29	8°37	7°54	29°26	0°57	27° 0	29°25	T 9
F 10	11 11 34	19°39'54	11°51	6°50	6° 1	17°39	26°33	10°57	10°27	8°37	7°54	29°27	0°54	27° 7	29°21	F 10
S 11	11 15 30	20°39'46	23°45	8°15	7°16	18°19	26°46	10°53	10°26	8°38	7°54	29°R27	0°51	27°14	29°17	S 11
S 12	11 19 27	21°39'37	5♌50	9°35	8°30	18°58	26°59	10°49	10°25	8°39	7°55	29°26	0°48	27°20	29°12	S 12
M13	11 23 24	22°39'26	18°10	10°49	9°45	19°38	27°12	10°45	10°23	8°40	7°55	29°23	0°45	27°27	29° 8	M13
T 14	11 27 20	23°39'14	0♌49	11°57	11° 0	20°17	27°25	10°40	10°22	8°40	7°56	29°19	0°42	27°34	29° 4	T 14
W15	11 31 17	24°38'59	13°50	12°58	12°14	20°57	27°38	10°36	10°21	8°41	7°56	29°14	0°38	27°40	29° 0	W15
T 16	11 35 13	25°38'43	27°14	13°51	13°29	21°36	27°52	10°31	10°19	8°42	7°57	29° 8	0°35	27°47	28°56	T 16
F 17	11 39 10	26°38'25	11♌1	14°37	14°43	22°16	28° 5	10°27	10°17	8°43	7°57	29° 3	0°32	27°54	28°52	F 17
S 18	11 43 6	27°38'05	25° 7	15°16	15°58	22°55	28°18	10°22	10°16	8°44	7°58	28°58	0°29	28° 0	28°48	S 18
S 19	11 47 3	28°37'43	9♏28	15°46	17°13	23°35	28°32	10°18	10°14	8°45	7°58	28°56	0°26	28° 7	28°45	S 19
M20	11 50 59	29°37'19	24° 0	16° 9	18°27	24°14	28°45	10°13	10°12	8°46	7°59	28°D54	0°22	28°14	28°41	M20
T 21	11 54 56	0♏36'52	8♌34	16°23	19°42	24°54	28°59	10° 9	10°11	8°47	8° 0	28°55	0°19	28°20	28°37	T 21
W22	11 58 53	1°36'24	23° 7	16°R29	20°56	25°33	29°12	10° 4	10° 9	8°48	8° 0	28°56	0°16	28°27	28°34	W22
T 23	12 2 49	2°35'53	7♏34	16°28	22°11	26°12	29°26	10° 0	10° 7	8°49	8° 1	28°57	0°13	28°34	28°30	T 23
F 24	12 6 46	3°35'20	21°50	16°19	23°25	26°52	29°39	9°55	10° 5	8°50	8° 1	28°58	0°10	28°40	28°27	F 24
S 25	12 10 42	4°34'45	5♌54	16° 3	24°40	27°31	29°53	9°50	10° 3	8°52	8° 2	28°R59	0° 7	28°47	28°24	S 25
S 26	12 14 39	5°34'07	19°45	15°40	25°54	28°11	0♌7	9°46	10° 2	8°53	8° 3	28°58	0° 3	28°54	28°20	S 26
M27	12 18 35	6°33'27	3♏22	15°10	27° 9	28°50	0°21	9°41	10° 0	8°54	8° 4	28°56	0° 0	29° 0	28°17	M27
T 28	12 22 32	7°32'45	16°45	14°36	28°23	29°29	0°35	9°36	9°58	8°55	8° 4	28°54	29°Y57	29° 7	28°14	T 28
W29	12 26 28	8°32'00	29°54	13°56	29°37	0♏8	0°48	9°32	9°56	8°57	8° 5	28°51	29°54	29°14	28°11	W29
T 30	12 30 25	9°31'13	12♏50	13°13	0♏52	0°48	1° 2	9°27	9°54	8°58	8° 6	28°48	29°51	29°20	28° 8	T 30
F 31	12 34 22	10°Y30'24	25♏33	12°Y27	2°Y 6	1♏27	1♌16	9♌22	9♌51	8♏59	8♏7	28°Y45	29°Y47	29♌27	28♌5	F 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	7s34	19n18	4n48	4s 6	0s41	14s18	1s 7	16n 4	0n45	8n34	1s 4	2s 8	2n39	14s35	0n28	20n13
T 2	7 12	14 10	4 15	3 12	0 31	13 55	1 8	16 17	0 45	8 39	1 4	2 6	2 39	14 34	0 28	20 13
F 3	6 49	8 30	3 30	2 18	0 20	13 31	1 10	16 29	0 46	8 43	1 3	2 4	2 40	14 34	0 28	20 13
S 4	6 26	2 35	2 35	1 24	0 9	13 6	1 11	16 42	0 46	8 48	1 3	2 3	2 40	14 34	0 28	20 14
S 5	6 2	3s18	1 33	0 30	0n 3	12 41	1 13	16 54	0 47	8 53	1 3	2 1	2 40	14 34	0 28	20 14
M 6	5 39	8 58	0 28	0n23	0 15	12 16	1 14	17 6	0 48	8 58	1 3	1 58	2 40	14 33	0 28	20 14
T 7	5 16	14 13	0s37	1 15	0 28	11 50	1 15	17 19	0 48	9 2	1 3	1 59	2 40	14 33	0 28	20 14
W 8	4 53	18 52	1 40	2 6	0 40	11 24	1 17	17 31	0 49	9 7	1 3	1 56	2 40	14 32	0 28	20 14
T 9	4 29	22 45	2 39	2 56	0 54	10 58	1 18	17 42	0 49	9 12	1 2	1 54	2 41	14 32	0 28	20 14
F 10	4 6	25 42	3 30	3 44	1 7	10 32	1 19	17 54	0 50	9 17	1 2	1 52	2 41	14 32	0 28	20 14
S 11	3 42	27 31	4 13	4 30	1 20	10 5	1 20	18 6	0 50	9 22	1 2	1 51	2 41	14 31	0 28	20 15
S 12	3 19	28 5	4 46	5 14	1 34	9 38	1 21	18 17	0 51	9 26	1 2	1 49	2 41	14 31	0 28	20 15
M13	2 55	27 16	5 5	5 55	1 47	9 11	1 22	18 28	0 51	9 31	1 2	1 47	2 41	14 30	0 28	20 15
T 14	2 31	25 3	5 11	6 34	2 0	8 43	1 22	18 40	0 52	9 36	1 2	1 45	2 41	14 30	0 28	20 15
W15	2 8	21 29	5 1	7 9	2 12	8 15	1 23	18 51	0 52	9 41	1 2	1 43	2 41	14 29	0 28	20 15
T 16	1 44	16 44	4 35	7 41	2 24	7 47	1 24	19 1	0 53	9 46	1 1	1 42	2 41	14 29	0 28	20 16
F 17	1 20	11 1	3 52	8 9	2 35	7 19	1 25	19 12	0 53	9 51	1 1	1 40	2 42	14 28	0 28	20 16
S 18	0 56	4 37	2 54	8 33	2 45	6 51	1 25	19 23	0 54	9 56	1 1	1 38	2 42	14 28	0 28	20 16
S 19	0 33	2n 9	1 44	8 54	2 55	6 22	1 26	19 33	0 54	10 0	1 1	1 36	2 42	14 27	0 28	20 16
M20	0 9	8 54	0 27	9 10	3 3	5 53	1 26	19 43	0 54	10 5	1 1	1 34	2 42	14 27	0 28	20 16
T 21	0n15	15 12	0n53	9 23	3 11	5 25	1 26	19 53	0 55	10 10	1 1	1 32	2 42	14 26	0 28	20 17
W22	0 38	20 39	2 9	9 31	3 17	4 55	1 27	20 3	0 55	10 15	1 1	1 30	2 42	14 26	0 28	20 17
T 23	1 2	24 49	3 17	9 34	3 21	4 26	1 27	20 13	0 56	10 20	1 0	1 29	2 42	14 25	0 28	20 17
F 24	1 26	27 23	4 11	9 34	3 24	3 57	1 27	20 23	0 56	10 25	1 0	1 27	2 42	14 25	0 28	20 17
S 25	1 49	28 9	4 50	9 29	3 26	3 28	1 27	20 32	0 56	10 30	1 0	1 25	2 42	14 24	0 28	20 17
S 26	2 13	27 7	5 11	9 20	3 26	2 58	1 27	20 41	0 57	10 35	1 0	1 23	2 42	14 23	0 28	20 18
M27	2 36	24 30	5 14	9 7	3 24	2 28	1 27	20 51	0 57	10 40	1 0	1 21	2 42	14 23	0 28	20 18
T 28	3 0	20 35	5 0	8 50	3 20	1 59	1 27	21 0	0 58	10 45	1 0	1 19	2 42	14 22	0 28	20 18
W29	3 23	15 43	4 30	8 29	3 14	1 29	1 27	21 8	0 58	10 50	1 0	1 17	2 42	14 21	0 28	20 18
T 30	3 46	10 14	3 47	8 6	3 7	0 59	1 27	21 17	0 58	10 55	1 0	1 15	2 42	14 21	0 28	20 19
F 31	4n10	4n25	2n53	7n40	2n59	0s29	1s27	21n25	0n59	11n 0	1s 0	1s14	2n42	14s20	0n28	20n19

Julian Day Number = 2412523.5, Delta T = -4.75 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'54, Lahiri = 22°21'54

ASTRODIENST EPHEMERIS for the year 1893
geocentric

APRIL 1893

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 38 18	11°29'23"3	8♂ 2	11°R39	3°Y21	2°II 6	1♂30	9°R18	9°R49	9°II 1	8°II 7	28°R43	29°Y44	29°M34	28°R 3	S 1
S 2	12 42 15	12°28'39	20°20	10°Y50	4°35	2°45	1°44	9♂13	9°M47	9° 2	8° 8	28°Y42	29°41	29°40	28°R 0	S 2
M 3	12 46 11	13°27'44	2°M27	10° 1	5°49	3°25	1°58	9° 8	9°45	9° 3	8° 9	28°D42	29°38	29°47	27°58	M 3
T 4	12 50 8	14°26'47	14°25	9°13	7° 4	4° 4	2°12	9° 4	9°43	9° 5	8°10	28°43	29°35	29°54	27°55	T 4
W 5	12 54 4	15°25'47	26°18	8°27	8°18	4°43	2°26	8°59	9°41	9° 6	8°11	28°44	29°32	0♂ 0	27°53	W 5
T 6	12 58 1	16°24'46	8♂ 7	7°44	9°32	5°22	2°40	8°54	9°38	9° 8	8°12	28°45	29°28	0° 7	27°51	T 6
F 7	13 1 57	17°23'44	19°57	7° 4	10°47	6° 1	2°54	8°50	9°36	9° 9	8°13	28°46	29°25	0°14	27°49	F 7
S 8	13 5 54	18°22'39	1♂52	6°27	12° 1	6°40	3° 9	8°45	9°34	9°11	8°14	28°47	29°22	0°20	27°47	S 8
S 9	13 9 51	19°21'33	13°56	5°55	13°15	7°19	3°23	8°41	9°31	9°12	8°15	28°R47	29°19	0°27	27°45	S 9
M10	13 13 47	20°20'25	26°14	5°28	14°30	7°58	3°37	8°36	9°29	9°14	8°15	28°47	29°16	0°34	27°43	M10
T 11	13 17 44	21°19'15	8♂50	5° 6	15°44	8°38	3°51	8°32	9°27	9°16	8°16	28°47	29°13	0°40	27°41	T 11
W12	13 21 40	22°18'03	21°48	4°49	16°58	9°17	4° 5	8°27	9°24	9°17	8°17	28°46	29° 9	0°47	27°40	W12
T 13	13 25 37	23°16'50	5♂12	4°38	18°12	9°56	4°20	8°23	9°22	9°19	8°18	28°46	29° 6	0°54	27°38	T 13
F 14	13 29 33	24°15'35	19° 1	4°31	19°27	10°35	4°34	8°18	9°20	9°21	8°19	28°45	29° 3	1° 0	27°37	F 14
S 15	13 33 30	25°14'18	3°Y14	4°D30	20°41	11°14	4°48	8°14	9°17	9°22	8°21	28°45	29° 0	1° 7	27°35	S 15
S 16	13 37 26	26°12'59	17°49	4°34	21°55	11°53	5° 2	8° 9	9°15	9°24	8°22	28°45	28°57	1°14	27°34	S 16
M17	13 41 23	27°11'39	2♂40	4°43	23° 9	12°32	5°17	8° 5	9°12	9°26	8°23	28°D44	28°53	1°20	27°33	M17
T 18	13 45 19	28°10'16	17°38	4°57	24°24	13°10	5°31	8° 1	9°10	9°28	8°24	28°45	28°50	1°27	27°32	T 18
W19	13 49 16	29° 8'52	2°II36	5°16	25°38	13°49	5°45	7°57	9° 7	9°29	8°25	28°R45	28°47	1°34	27°31	W19
T 20	13 53 13	0♂ 7'25	17°25	5°39	26°52	14°28	6° 0	7°53	9° 5	9°31	8°26	28°44	28°44	1°40	27°31	T 20
F 21	13 57 9	1° 5'56	2♂ 0	6° 6	28° 6	15° 7	6°14	7°48	9° 2	9°33	8°27	28°44	28°41	1°47	27°30	F 21
S 22	14 1 6	2° 4'26	16°16	6°38	29°20	15°46	6°28	7°44	9° 0	9°35	8°28	28°44	28°38	1°54	27°30	S 22
S 23	14 5 2	3° 2'52	0♂10	7°14	0♂34	16°25	6°43	7°40	8°57	9°37	8°29	28°D44	28°34	2° 0	27°29	S 23
M24	14 8 59	4° 1'17	13°43	7°54	1°48	17° 4	6°57	7°36	8°55	9°39	8°30	28°44	28°31	2° 7	27°29	M24
T 25	14 12 55	4°59'40	26°55	8°37	3° 3	17°43	7°12	7°33	8°52	9°40	8°32	28°44	28°28	2°14	27°29	T 25
W26	14 16 52	5°58'00	9♂49	9°24	4°17	18°21	7°26	7°29	8°50	9°42	8°33	28°45	28°25	2°20	27°D29	W26
T 27	14 20 48	6°56'18	22°27	10°15	5°31	19° 0	7°40	7°25	8°47	9°44	8°34	28°46	28°22	2°27	27°29	T 27
F 28	14 24 45	7°54'35	4♂51	11° 8	6°45	19°39	7°55	7°21	8°45	9°46	8°35	28°46	28°19	2°34	27°29	F 28
S 29	14 28 42	8°52'49	17° 4	12° 5	7°59	20°18	8° 9	7°18	8°42	9°48	8°36	28°47	28°15	2°40	27°29	S 29
S 30	14 32 38	9♂51'01	29♂ 9	13°Y 5	9♂13	20°II56	8♂23	7♂14	8♂39	9°II50	8°II38	28°R47	28°Y12	2♂47	27♂30	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	4n33	1s29	1n52	7n11	2n48	0n 1	1s26	21n34	0n59	11n 4	0s59	1s12	2n42	14s19	0n28	20n19	1s31	10n47	11s 2	11n 2	11n23	22s34	6n10	6s23			
S 2	4 56	7 14	0 46	6 41	2 37	0 30	1 26	21 42	0 59	11 9	0 59	1 10	2 42	14 19	0 28	20 19	1 31	10 47	11 1	11 1	11 22	22 37	6 11	6 22			
M 3	5 19	12 39	0s21	6 10	2 24	1 0	1 26	21 50	1 0	11 14	0 59	1 8	2 42	14 18	0 28	20 20	1 31	10 48	11 1	11 1	11 21	22 39	6 13	6 22			
T 4	5 42	17 33	1 26	5 39	2 10	1 30	1 25	21 58	1 0	11 19	0 59	1 6	2 42	14 17	0 28	20 20	1 31	10 48	11 1	11 1	11 20	22 41	6 14	6 21			
W 5	6 5	21 43	2 27	5 7	1 55	2 0	1 24	22 5	1 0	11 24	0 59	1 4	2 42	14 17	0 28	20 20	1 31	10 48	11 1	11 2	11 19	22 43	6 16	6 20			
T 6	6 27	24 59	3 21	4 35	1 39	2 30	1 24	22 13	1 1	11 29	0 59	1 3	2 42	14 16	0 28	20 20	1 31	10 49	11 1	11 2	11 18	22 45	6 17	6 19			
F 7	6 50	27 11	4 7	4 5	1 23	3 0	1 23	22 20	1 1	11 34	0 59	1 1	2 42	14 15	0 28	20 21	1 31	10 49	11 0	11 3	11 17	22 48	6 19	6 19			
S 8	7 13	28 9	4 43	3 35	1 7	3 29	1 22	22 27	1 1	11 39	0 59	0 59	2 42	14 15	0 28	20 21	1 31	10 49	11 0	11 3	11 15	22 50	6 20	6 18			
S 9	7 35	27 49	5 7	3 8	0 51	3 59	1 21	22 34	1 2	11 44	0 59	0 57	2 42	14 14	0 28	20 21	1 30	10 50	11 0	11 3	11 14	22 52	6 21	6 17			
M10	7 57	26 6	5 17	2 42	0 34	4 29	1 21	22 40	1 2	11 49	0 59	0 56	2 42	14 13	0 28	20 22	1 30	10 50	11 0	11 3	11 13	22 54	6 23	6 16			
T 11	8 19	23 5	5 12	2 18	0 18	4 58	1 20	22 47	1 2	11 54	0 59	0 54	2 42	14 12	0 28	20 22	1 30	10 50	11 0	11 3	11 12	22 56	6 24	6 15			
W12	8 41	18 51	4 52	1 57	0 2	5 28	1 19	22 53	1 3	11 58	0 58	0 52	2 42	14 12	0 28	20 22	1 30	10 51	10 59	11 3	11 11	22 58	6 25	6 15			
T 13	9 3	13 34	4 16	1 38	0s13	5 57	1 18	22 59	1 3	12 3	0 58	0 50	2 42	14 11	0 28	20 22	1 30	10 51	10 59	11 2	11 10	23 0	6 27	6 14			
F 14	9 25	7 28	3 23	1 22	0 28	6 26	1 16	23 5	1 3	12 8	0 58	0 49	2 42	14 10	0 28	20 23	1 30	10 51	10 59	11 2	11 9	23 3	6 28	6 13			
S 15	9 46	0 48	2 17	1 8	0 43	6 55	1 15	23 11	1 3	12 13	0 58	0 47	2 42	14 9	0 28	20 23	1 30	10 52	10 59	11 2	11 8	23 5	6 29	6 12			
S 16	10 8	6n 4	1 0	0 57	0 56	7 24	1 14	23 17	1 4	12 18	0 58	0 45	2 42	14 8	0 28	20 23	1 30	10 52	10 58	11 2	11 6	23 7	6 30	6 11			
M17	10 29	12 45	0n22	0 49	1 9	7 53	1 13	23 22	1 4	12 23	0 58	0 44	2 42	14 8	0 28	20 24	1 30	10 52	10 58	11 2	11 5	23 9	6 31	6 11			
T 18	10 50	18 45	1 43	0 43	1 22	8 21	1 11	23 27	1 4	12 28	0 58	0 42	2 42	14 7	0 28	20 24	1 30	10 53	10 58	11 2	11 4	23 11	6 32	6 10			
W19	11 11	23 35	2 57	0 40	1 34	8 50	1 10	23 33	1 5	12 32	0 58	0 41	2 42	14 6	0 28	20 24	1 30	10 53	10 58	11 2	11 3	23 13	6 33	6 9			
T 20	11 31	26 49	3 59	0 39	1 44	9 18	1 9	23 37	1 5	12 37	0 58	0 39	2 42	14 5	0 28	20 25	1 30	10 54	10 58	11 2	11 2	23 15	6 35	6 8			
F 21	11 52	28 10	4 44	0 40	1 55	9 46	1 7	23 42	1 5	12 42	0 58	0 37	2 42	14 5	0 28	20 25	1 30	10 54	10 58	11 2	11 1	23 17	6 35	6 7			
S 22	12 12	27 36	5 10	0 44	2 4	10 13	1 6	23 47	1 5	12 47	0 58	0 36	2 42	14 4	0 28	20 25	1 30	10 54	10 57	11 2	11 0	23 19	6 36	6 7			
S 23	12 32	25 17	5 17	0 50	2 13	10 41	1 4	23 51	1 5	12 51	0 58	0 34	2 41	14 3	0 28	20 25	1 30	10 55	10 57	11 2	10 58	23 22	6 37	6 6			
M24	12 52	21 37	5 7	0 59	2 21	11 8	1 2	23 55	1 6	12 56	0 58	0 33	2 41	14 2	0 28	20 26	1 30	10 55	10 57	11 2	10 57	23 24	6 38	6 5			
T 25	13 12	16 56	4 40	1 9	2 28	11 35	1 1	23 59	1 6	13 1	0 58	0 32	2 41	14 1	0 28	20 26	1 30	10 55	10 57	11 2	10 56	23 26	6 39	6 4			
W26	13 31	11 35	4 0	1 22	2 34	12 2	0 59	24 3	1 6	13 6	0 58	0 30	2 41	14 1	0 28	20 26	1 30	10 56	10 57	11 2	10 55	23 28	6 40	6 3			
T 27	13 50	5 53	3 8	1 36	2 40	12 28	0 57	24 6	1 6	13 10	0 57	0 29	2 41	14 0	0 28	20 27	1 30	10 56	10 57	11 2	10 54	23 30	6 41	6 2			
F 28	14 9	0 3	2 9	1 53	2 45	12 54	0 55	24 9	1 7	13 15	0 57	0 27	2 41	13 59	0 28	20 27	1 30	10 56	10 56	11 3	10 53	23 32	6 41	6 1			
S 29	14 28	5s43	1 5	2 11	2 49	13 20	0 54	24 13	1 7	13 20	0 57	0 26	2 41	13 58	0 28	20 27	1 30	10 57	10 56	11 3	10 52	23 34	6 42	6 1			
S 30	14n47	11s12	0s 2	2n31	2s53	13n45	0s52	24n16	1n 7	13n24	0s57	0s25	2n41	13s57	0n28	20n28	1s30	10n57	10s56	11n 3	10n51	23s36	6n43	6s 0			

ASTRODIENST EPHEMERIS for the year 1893
geocentric

MAY 1893

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 36 35	10♈49'12	11♍ 6	14♊ 8	10♈27	21♏35	8♏38	7°R11	8°R37	9♏52	8♏39	28°R47	28♊ 9	2♈54	27♏30	M 1
T 2	14 40 31	11°47'21	22°59	15°13	11°41	22°14	8°52	7♏ 7	8♏34	9°54	8°40	28♊46	28° 6	3° 0	27°31	T 2
W 3	14 44 28	12°45'29	4♊49	16°21	12°55	22°52	9° 6	7° 4	8°32	9°56	8°41	28°44	28° 3	3° 7	27°31	W 3
T 4	14 48 24	13°43'34	16°38	17°32	14° 9	23°31	9°21	7° 0	8°29	9°58	8°43	28°42	27°59	3°14	27°32	T 4
F 5	14 52 21	14°41'39	28°30	18°45	15°23	24°10	9°35	6°57	8°27	10° 0	8°44	28°40	27°56	3°20	27°33	F 5
S 6	14 56 17	15°39'42	10♈27	20° 1	16°37	24°48	9°49	6°54	8°24	10° 2	8°45	28°38	27°53	3°27	27°34	S 6
S 7	15 0 14	16°37'43	22°32	21°19	17°51	25°27	10° 4	6°51	8°22	10° 5	8°46	28°35	27°50	3°34	27°36	S 7
M 8	15 4 11	17°35'43	4♏50	22°39	19° 5	26° 6	10°18	6°48	8°19	10° 7	8°48	28°34	27°47	3°40	27°37	M 8
T 9	15 8 7	18°33'42	17°23	24° 2	20°19	26°44	10°32	6°45	8°17	10° 9	8°49	28°D34	27°44	3°47	27°38	T 9
W10	15 12 4	19°31'39	0♈16	25°27	21°32	27°23	10°46	6°42	8°14	10°11	8°50	28°34	27°40	3°54	27°40	W10
T 11	15 16 0	20°29'35	13°33	26°54	22°46	28° 1	11° 1	6°40	8°12	10°13	8°52	28°35	27°37	4° 0	27°41	T 11
F 12	15 19 57	21°27'30	27°15	28°23	24° 0	28°40	11°15	6°37	8° 9	10°15	8°53	28°36	27°34	4° 7	27°43	F 12
S 13	15 23 53	22°25'23	11♊25	29°55	25°14	29°18	11°29	6°34	8° 7	10°17	8°54	28°38	27°31	4°14	27°45	S 13
S 14	15 27 50	23°23'15	25°59	1♈29	26°28	29°57	11°43	6°32	8° 4	10°19	8°55	28°R38	27°28	4°20	27°47	S 14
M15	15 31 46	24°21'06	10♈54	3° 4	27°42	0♈35	11°57	6°30	8° 2	10°22	8°57	28°38	27°24	4°27	27°49	M15
T 16	15 35 43	25°18'56	26° 3	4°42	28°56	1°14	12°12	6°27	8° 0	10°24	8°58	28°36	27°21	4°34	27°51	T 16
W17	15 39 40	26°16'44	11♏16	6°23	0♏10	1°52	12°26	6°25	7°57	10°26	8°59	28°33	27°18	4°40	27°53	W17
T 18	15 43 36	27°14'31	26°23	8° 5	1°23	2°31	12°40	6°23	7°55	10°28	9° 1	28°30	27°15	4°47	27°56	T 18
F 19	15 47 33	28°12'17	11♈16	9°49	2°37	3° 9	12°54	6°21	7°53	10°30	9° 2	28°26	27°12	4°54	27°58	F 19
S 20	15 51 29	29°10'00	25°46	11°36	3°51	3°48	13° 8	6°19	7°50	10°33	9° 4	28°22	27° 9	5° 0	28° 1	S 20
S 21	15 55 26	0♏ 7'43	9♏51	13°24	5° 5	4°26	13°22	6°17	7°48	10°35	9° 5	28°19	27° 5	5° 7	28° 4	S 21
M22	15 59 22	1° 5'23	23°28	15°15	6°19	5° 4	13°36	6°15	7°46	10°37	9° 6	28°18	27° 2	5°14	28° 6	M22
T 23	16 3 19	2° 3'02	6♏39	17° 8	7°32	5°43	13°50	6°14	7°43	10°39	9° 8	28°D17	26°59	5°20	28° 9	T 23
W24	16 7 16	3° 0'39	19°28	19° 3	8°46	6°21	14° 4	6°12	7°41	10°41	9° 9	28°18	26°56	5°27	28°12	W24
T 25	16 11 12	3°58'15	1♈56	21° 0	10° 0	7° 0	14°18	6°11	7°39	10°44	9°10	28°20	26°53	5°34	28°15	T 25
F 26	16 15 9	4°55'49	14°10	22°59	11°14	7°38	14°32	6° 9	7°37	10°46	9°12	28°21	26°50	5°40	28°19	F 26
S 27	16 19 5	5°53'22	26°13	25° 0	12°27	8°16	14°46	6° 8	7°35	10°48	9°13	28°R22	26°46	5°47	28°22	S 27
S 28	16 23 2	6°50'54	8♏ 8	27° 3	13°41	8°55	14°59	6° 7	7°33	10°50	9°14	28°22	26°43	5°54	28°25	S 28
M29	16 26 58	7°48'25	19°59	29° 8	14°55	9°33	15°13	6° 6	7°30	10°53	9°16	28°20	26°40	6° 0	28°29	M29
T 30	16 30 55	8°45'54	1♈48	1♏14	16° 9	10°11	15°27	6° 5	7°28	10°55	9°17	28°15	26°37	6° 7	28°32	T 30
W31	16 34 51	9♏43'22	13♊38	3♏22	17♏22	10♈49	15♈40	6♏ 4	7♏26	10♏57	9♏19	28♊10	26♊34	6♊14	28♏36	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	15n 5	16s14	1s 8	2n52	2s56	14n11	0s50	24n18	1n 7	13n29	0s57	0s24	2n40	13s57	0n28	20n28
T 2	15 23	20 38	2 10	3 15	2 58	14 35	0 48	24 21	1 7	13 34	0 57	0 22	2 40	13 56	0 28	20 28
W 3	15 41	24 10	3 6	3 40	3 0	15 0	0 46	24 23	1 8	13 38	0 57	0 21	2 40	13 55	0 28	20 29
T 4	15 58	26 41	3 55	4 6	3 1	15 24	0 44	24 25	1 8	13 43	0 57	0 20	2 40	13 54	0 28	20 29
F 5	16 15	28 0	4 33	4 33	3 1	15 48	0 42	24 27	1 8	13 47	0 57	0 19	2 40	13 53	0 28	20 29
S 6	16 32	28 2	5 0	5 2	3 1	16 11	0 40	24 29	1 8	13 52	0 57	0 18	2 40	13 52	0 28	20 30
S 7	16 49	26 44	5 14	5 32	3 0	16 34	0 38	24 31	1 8	13 56	0 57	0 17	2 39	13 52	0 28	20 30
M 8	17 6	24 8	5 14	6 3	2 58	16 56	0 35	24 32	1 8	14 1	0 57	0 16	2 39	13 51	0 28	20 30
T 9	17 22	20 22	4 59	6 36	2 56	17 18	0 33	24 33	1 9	14 5	0 57	0 15	2 39	13 50	0 28	20 31
W10	17 38	15 34	4 29	7 9	2 54	17 40	0 31	24 34	1 9	14 10	0 57	0 14	2 39	13 49	0 28	20 31
T 11	17 53	9 54	3 43	7 44	2 50	18 1	0 29	24 35	1 9	14 14	0 57	0 13	2 39	13 49	0 28	20 31
F 12	18 8	3 36	2 44	8 19	2 46	18 21	0 26	24 36	1 9	14 19	0 57	0 12	2 39	13 48	0 28	20 32
S 13	18 23	3n 5	1 33	8 55	2 42	18 42	0 24	24 36	1 9	14 23	0 57	0 11	2 38	13 47	0 28	20 32
S 14	18 38	9 49	0 15	9 32	2 37	19 1	0 22	24 37	1 9	14 28	0 57	0 10	2 38	13 46	0 28	20 32
M15	18 52	16 10	1n 7	10 10	2 32	19 20	0 20	24 37	1 9	14 32	0 57	0 10	2 38	13 45	0 28	20 33
T 16	19 6	21 37	2 25	10 49	2 26	19 39	0 17	24 36	1 10	14 36	0 57	0 9	2 38	13 45	0 28	20 33
W17	19 20	25 39	3 33	11 28	2 19	19 57	0 15	24 36	1 10	14 41	0 57	0 8	2 38	13 44	0 28	20 33
T 18	19 33	27 50	4 25	12 8	2 12	20 15	0 13	24 36	1 10	14 45	0 57	0 8	2 37	13 43	0 28	20 34
F 19	19 46	27 57	4 59	12 48	2 5	20 32	0 10	24 35	1 10	14 49	0 57	0 7	2 37	13 42	0 28	20 34
S 20	19 59	26 7	5 13	13 28	1 57	20 48	0 8	24 34	1 10	14 53	0 57	0 6	2 37	13 42	0 28	20 34
S 21	20 11	22 43	5 7	14 9	1 48	21 4	0 5	24 33	1 10	14 58	0 57	0 6	2 37	13 41	0 28	20 35
M22	20 23	18 10	4 43	14 50	1 40	21 20	0 3	24 32	1 10	15 2	0 57	0 5	2 37	13 40	0 28	20 35
T 23	20 35	12 52	4 6	15 31	1 30	21 34	0 1	24 30	1 10	15 6	0 57	0 5	2 36	13 40	0 28	20 35
W24	20 46	7 11	3 17	16 12	1 21	21 48	0n 2	24 28	1 10	15 10	0 57	0 5	2 36	13 39	0 28	20 36
T 25	20 57	1 21	2 19	16 53	1 11	22 2	0 4	24 27	1 10	15 14	0 57	0 4	2 36	13 38	0 28	20 36
F 26	21 8	4s25	1 17	17 33	1 1	22 15	0 7	24 25	1 11	15 18	0 57	0 4	2 36	13 37	0 28	20 36
S 27	21 18	9 57	0 12	18 13	0 51	22 27	0 9	24 22	1 11	15 22	0 57	0 4	2 35	13 37	0 28	20 37
S 28	21 28	15 4	0s53	18 52	0 40	22 39	0 11	24 20	1 11	15 26	0 57	0 3	2 35	13 36	0 28	20 37
M29	21 38	19 35	1 55	19 30	0 30	22 50	0 14	24 17	1 11	15 30	0 57	0 3	2 35	13 35	0 28	20 37
T 30	21 47	23 20	2 51	20 7	0 19	23 0	0 16	24 14	1 11	15 34	0 57	0 3	2 35	13 35	0 28	20 38
W31	21n55	26s 6	3s41	20n43	0s 8	23n10	0n18	24n12	1n11	15n38	0s57	0s 3	2n35	13s34	0n27	20n38

Julian Day Number = 2412584.5, Delta T = -4.80 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'02, Lahiri = 22°22'03

ASTRODIENST EPHEMERIS for the year 1893

geocentric

JUNE 1893

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 38 48	10II40'50	25♂30	5II31	18II36	11☾28	15♂54	6°R 3	7°R24	10II59	9II20	28°R 2	26°Y30	6♂21	28♂40	T 1
F 2	16 42 45	11°38'16	7♂27	7°41	19°50	12° 6	16° 8	6♂ 3	7II22	11° 2	9°21	27°Y54	26°27	6°27	28°44	F 2
S 3	16 46 41	12°35'42	19°30	9°52	21° 3	12°44	16°21	6° 2	7°20	11° 4	9°23	27°46	26°24	6°34	28°48	S 3
S 4	16 50 38	13°33'07	1♂41	12° 4	22°17	13°22	16°35	6° 2	7°19	11° 6	9°24	27°39	26°21	6°41	28°52	S 4
M 5	16 54 34	14°30'31	14° 2	14°16	23°31	14° 1	16°48	6° 1	7°17	11° 8	9°25	27°34	26°18	6°47	28°56	M 5
T 6	16 58 31	15°27'54	26°37	16°28	24°44	14°39	17° 2	6° 1	7°15	11°11	9°27	27°30	26°15	6°54	29° 0	T 6
W 7	17 2 27	16°25'17	9♂28	18°40	25°58	15°17	17°15	6° 1	7°13	11°13	9°28	27°28	26°11	7° 1	29° 5	W 7
T 8	17 6 24	17°22'39	22°40	20°51	27°12	15°55	17°28	6°D 1	7°11	11°15	9°30	27°D28	26° 8	7° 7	29° 9	T 8
F 9	17 10 20	18°20'01	6°Y14	23° 2	28°25	16°33	17°42	6° 1	7°10	11°17	9°31	27°29	26° 5	7°14	29°14	F 9
S 10	17 14 17	19°17'22	20°12	25°12	29°39	17°12	17°55	6° 1	7° 8	11°20	9°32	27°R30	26° 2	7°21	29°18	S 10
S 11	17 18 14	20°14'43	4♂36	27°20	0☾52	17°50	18° 8	6° 1	7° 6	11°22	9°34	27°30	25°59	7°27	29°23	S 11
M12	17 22 10	21°12'03	19°22	29°28	2° 6	18°28	18°21	6° 2	7° 5	11°24	9°35	27°28	25°56	7°34	29°28	M12
T 13	17 26 7	22° 9'23	4II25	1☾33	3°20	19° 6	18°34	6° 2	7° 3	11°26	9°36	27°24	25°52	7°41	29°33	T 13
W14	17 30 3	23° 6'43	19°38	3°37	4°33	19°44	18°47	6° 3	7° 2	11°28	9°38	27°18	25°49	7°47	29°38	W14
T 15	17 34 0	24° 4'02	4☾50	5°39	5°47	20°22	19° 0	6° 3	7° 0	11°31	9°39	27°10	25°46	7°54	29°43	T 15
F 16	17 37 56	25° 1'20	19°50	7°39	7° 0	21° 1	19°13	6° 4	6°59	11°33	9°40	27° 1	25°43	8° 1	29°48	F 16
S 17	17 41 53	25°58'38	4♂30	9°37	8°14	21°39	19°26	6° 5	6°57	11°35	9°42	26°53	25°40	8° 7	29°53	S 17
S 18	17 45 49	26°55'55	18°43	11°33	9°28	22°17	19°39	6° 6	6°56	11°37	9°43	26°46	25°37	8°14	29°59	S 18
M19	17 49 46	27°53'11	2II27	13°27	10°41	22°55	19°52	6° 7	6°55	11°39	9°44	26°41	25°33	8°21	0II4	M19
T 20	17 53 43	28°50'26	15°42	15°19	11°55	23°33	20° 4	6° 8	6°53	11°42	9°46	26°38	25°30	8°27	0°10	T 20
W21	17 57 39	29°47'41	28°31	17° 8	13° 8	24°11	20°17	6° 9	6°52	11°44	9°47	26°D38	25°27	8°34	0°15	W21
T 22	18 1 36	0☾44'54	10♂59	18°55	14°22	24°49	20°29	6°11	6°51	11°46	9°48	26°38	25°24	8°41	0°21	T 22
F 23	18 5 32	1°42'08	23° 9	20°40	15°35	25°27	20°42	6°12	6°50	11°48	9°50	26°R38	25°21	8°47	0°26	F 23
S 24	18 9 29	2°39'20	5II7	22°23	16°49	26° 5	20°54	6°14	6°49	11°50	9°51	26°38	25°17	8°54	0°32	S 24
S 25	18 13 25	3°36'33	16°59	24° 3	18° 2	26°43	21° 6	6°15	6°48	11°52	9°52	26°36	25°14	9° 1	0°38	S 25
M26	18 17 22	4°33'45	28°47	25°41	19°16	27°21	21°19	6°17	6°47	11°54	9°53	26°32	25°11	9° 8	0°44	M26
T 27	18 21 18	5°30'56	10♂37	27°17	20°29	27°59	21°31	6°19	6°46	11°56	9°55	26°25	25° 8	9°14	0°50	T 27
W28	18 25 15	6°28'07	22°29	28°50	21°43	28°37	21°43	6°21	6°45	11°59	9°56	26°15	25° 5	9°21	0°56	W28
T 29	18 29 12	7°25'18	4♂27	0♂21	22°56	29°16	21°55	6°23	6°44	12° 1	9°57	26° 4	25° 2	9°28	1° 2	T 29
F 30	18 33 8	8☾22'29	16♂32	1♂50	24☾10	29☾54	22♂7	6♂25	6II43	12II3	9II58	25°Y52	24°Y58	9♂34	1II9	F 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22n 4	27s43	4s20	21n17	0n 3	23n19	0n21	24n 8	1n11	15n42	0s57	0s 3	2n34	13s34	0n27	20n38	1s29	11n 6	10s53	10n47	10n14	24s38	6n44	5s33	
F 2	22 12	28 3	4 49	21 49	0 13	23 27	0 23	24 5	1 11	15 46	0 57	0 3	2 34	13 33	0 27	20 38	1 29	11 6	10 53	10 44	10 13	24 40	6 43	5 32	
S 3	22 19	27 4	5 5	22 20	0 24	23 35	0 26	24 1	1 11	15 50	0 57	0 3	2 34	13 32	0 27	20 39	1 29	11 6	10 53	10 41	10 12	24 42	6 43	5 32	
S 4	22 26	24 47	5 7	22 49	0 34	23 42	0 28	23 58	1 11	15 54	0 57	0 3	2 34	13 32	0 27	20 39	1 29	11 6	10 53	10 39	10 11	24 43	6 42	5 31	
M 5	22 33	21 20	4 55	23 15	0 44	23 48	0 30	23 54	1 11	15 58	0 57	0 3	2 33	13 31	0 27	20 39	1 29	11 7	10 53	10 37	10 9	24 45	6 41	5 30	
T 6	22 40	16 52	4 29	23 39	0 53	23 54	0 32	23 50	1 11	16 2	0 57	0 3	2 33	13 31	0 27	20 40	1 29	11 7	10 53	10 35	10 8	24 47	6 41	5 29	
W 7	22 46	11 34	3 49	24 0	1 2	23 58	0 35	23 46	1 11	16 5	0 57	0 3	2 33	13 30	0 27	20 40	1 29	11 7	10 53	10 35	10 7	24 49	6 40	5 29	
T 8	22 51	5 37	2 56	24 19	1 10	24 3	0 37	23 41	1 11	16 9	0 57	0 3	2 33	13 29	0 27	20 40	1 29	11 7	10 53	10 35	10 6	24 51	6 39	5 28	
F 9	22 57	0n46	1 52	24 34	1 18	24 6	0 39	23 37	1 11	16 13	0 57	0 3	2 32	13 29	0 27	20 41	1 29	11 7	10 53	10 35	10 5	24 52	6 38	5 27	
S 10	23 1	7 18	0 39	24 47	1 25	24 9	0 41	23 32	1 11	16 16	0 57	0 4	2 32	13 28	0 27	20 41	1 29	11 8	10 53	10 35	10 4	24 54	6 37	5 26	
S 11	23 6	13 40	0n38	24 58	1 32	24 11	0 44	23 27	1 11	16 20	0 57	0 4	2 32	13 28	0 27	20 41	1 29	11 8	10 53	10 35	10 2	24 56	6 36	5 26	
M12	23 10	19 25	1 55	25 5	1 38	24 12	0 46	23 22	1 11	16 24	0 57	0 4	2 32	13 27	0 27	20 42	1 29	11 8	10 53	10 35	10 1	24 58	6 35	5 25	
T 13	23 13	24 4	3 5	25 10	1 43	24 13	0 48	23 16	1 12	16 27	0 57	0 5	2 31	13 27	0 27	20 42	1 29	11 8	10 53	10 33	10 0	25 0	6 34	5 24	
W14	23 17	27 4	4 2	25 12	1 48	24 13	0 50	23 11	1 12	16 31	0 57	0 5	2 31	13 26	0 27	20 42	1 29	11 8	10 53	10 31	9 59	25 1	6 33	5 23	
T 15	23 19	28 4	4 42	25 11	1 51	24 12	0 52	23 5	1 12	16 34	0 57	0 6	2 31	13 26	0 27	20 42	1 29	11 9	10 53	10 28	9 58	25 3	6 32	5 23	
F 16	23 22	26 59	5 3	25 8	1 54	24 10	0 54	22 59	1 12	16 38	0 57	0 6	2 31	13 26	0 27	20 43	1 29	11 9	10 53	10 25	9 57	25 5	6 31	5 22	
S 17	23 24	24 2	5 2	25 2	1 56	24 8	0 56	22 54	1 12	16 41	0 57	0 7	2 31	13 25	0 27	20 43	1 29	11 9	10 53	10 22	9 56	25 7	6 30	5 21	
S 18	23 25	19 42	4 43	24 55	1 58	24 5	0 58	22 47	1 12	16 45	0 57	0 7	2 30	13 25	0 27	20 43	1 29	11 9	10 53	10 20	9 54	25 8	6 29	5 21	
M19	23 26	14 28	4 8	24 44	1 59	24 1	1 0	22 41	1 12	16 48	0 57	0 8	2 30	13 24	0 27	20 44	1 29	11 9	10 53	10 18	9 53	25 10	6 28	5 20	
T 20	23 27	8 43	3 21	24 32	1 59	23 57	1 2	22 35	1 12	16 51	0 57	0 9	2 30	13 24	0 27	20 44	1 29	11 9	10 53	10 17	9 52	25 12	6 26	5 19	
W21	23 27	2 48	2 24	24 18	1 58	23 52	1 4	22 28	1 12	16 55	0 57	0 9	2 30	13 24	0 27	20 44	1 29	11 9	10 53	10 17	9 51	25 13	6 25	5 19	
T 22	23 27	3s 5	1 23	24 2	1 56	23 46	1 5	22 21	1 12	16 58	0 57	0 10	2 29	13 23	0 27	20 44	1 29	11 10	10 53	10 17	9 50	25 15	6 24	5 18	
F 23	23 27	8 43	0 19	23 45	1 54	23 39	1 7	22 14	1 12	17 1	0 57	0 11	2 29	13 23	0 27	20 45	1 29	11 10	10 53	10 17	9 49	25 17	6 22	5 17	
S 24	23 26	13 57	0s45	23 26	1 51	23 32	1 9	22 7	1 12	17 4	0 57	0 12	2 29	13 23	0 27	20 45	1 29	11 10	10 53	10 17	9 47	25 19	6 21	5 17	
S 25	23 24	18 37	1 46	23 5	1 48	23 24	1 11	22 0	1 12	17 8	0 57	0 13	2 29	13 22	0 27	20 45	1 29	11 10	10 53	10 16	9 46	25 20	6 19	5 16	
M26	23 23	22 32	2 42	22 43	1 44	23 16	1 12	21 52	1 12	17 11	0 57	0 14	2 28	13 22	0 27	20 46	1 29	11 10	10 53	10 14	9 45	25 22	6 18	5 15	
T 27	23 20	25 32	3 31	22 21	1 39	23 6	1 14	21 45	1 12	17 14	0 57	0 15	2 28	13 22	0 27	20 46	1 29	11 10	10 54	10 12	9 44	25 24	6 17	5 15	
W28	23 18	27 25	4 11	21 56	1 34	22 56	1 15	21 37	1 12	17 17	0 57	0 16	2 28	13 21	0 27	20 46	1 29	11 10	10 54	10 9	9 43	25 25	6 15	5 14	
T 29	23 15	28 3	4 40	21 31	1 28	22 46	1 17	21 29	1 11	17 20	0 57	0 17	2 28	13 21	0 27	20 46	1 29	11 10	10 54	10 4	9 42	25 27	6 13	5 13	
F 30	23n11	27s21	4s57	21n 6	1n22	22n35	1n18	21n21	1n11	17n23	0s57	0s18	2n27	13s21	0n27	20n47	1s29	11n11	10s54	10n 0	9n40	25s29	6n12	5s13	

ASTRODIENST EPHEMERIS for the year 1893
geocentric

JULY 1893

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 37 5	9♂19'40	28♂46	3♂16	25♂23	0♂32	22♂19	6♂27	6°R43	12♂5	10♂0	25°R39	24°Y55	9♂41	1♂15	S 1
S 2	18 41 1	10°16'51	11♂8	4°40	26°37	1°10	22°30	6°30	6♂42	12° 7	10° 1	25°Y28	24°52	9°48	1°21	S 2
M 3	18 44 58	11°14'02	23°40	6° 2	27°50	1°48	22°42	6°32	6°41	12° 9	10° 2	25°18	24°49	9°54	1°28	M 3
T 4	18 48 54	12°11'13	6♂24	7°21	29° 3	2°26	22°54	6°35	6°41	12°11	10° 3	25°11	24°46	10° 1	1°34	T 4
W 5	18 52 51	13° 8'24	19°21	8°38	0♂17	3° 4	23° 5	6°37	6°40	12°13	10° 4	25° 7	24°43	10° 8	1°41	W 5
T 6	18 56 48	14° 5'35	2°Y33	9°52	1°30	3°42	23°17	6°40	6°40	12°15	10° 6	25° 5	24°39	10°14	1°47	T 6
F 7	19 0 44	15° 2'47	16° 3	11° 3	2°44	4°20	23°28	6°43	6°39	12°17	10° 7	25°D 5	24°36	10°21	1°54	F 7
S 8	19 4 41	16° 0'00	29°53	12°12	3°57	4°58	23°39	6°46	6°39	12°19	10° 8	25°R 5	24°33	10°28	2° 1	S 8
S 9	19 8 37	16°57'13	14♂4	13°18	5°10	5°36	23°50	6°48	6°39	12°21	10° 9	25° 4	24°30	10°34	2° 7	S 9
M10	19 12 34	17°54'26	28°35	14°21	6°24	6°14	24° 1	6°52	6°38	12°22	10°10	25° 1	24°27	10°41	2°14	M10
T 11	19 16 30	18°51'40	13♂22	15°21	7°37	6°52	24°12	6°55	6°38	12°24	10°11	24°56	24°23	10°48	2°21	T 11
W12	19 20 27	19°48'55	28°19	16°19	8°50	7°30	24°23	6°58	6°38	12°26	10°12	24°47	24°20	10°55	2°28	W12
T 13	19 24 23	20°46'10	13♂19	17°13	10° 4	8° 8	24°34	7° 1	6°38	12°28	10°13	24°37	24°17	11° 1	2°35	T 13
F 14	19 28 20	21°43'25	28°12	18° 3	11°17	8°46	24°45	7° 5	6°38	12°30	10°15	24°26	24°14	11° 8	2°42	F 14
S 15	19 32 17	22°40'40	12♂49	18°51	12°31	9°24	24°55	7° 8	6°D38	12°32	10°16	24°15	24°11	11°15	2°49	S 15
S 16	19 36 13	23°37'56	27° 2	19°35	13°44	10° 2	25° 6	7°12	6°38	12°34	10°17	24° 6	24° 8	11°21	2°57	S 16
M17	19 40 10	24°35'12	10♂48	20°15	14°57	10°40	25°16	7°15	6°38	12°35	10°18	23°59	24° 4	11°28	3° 4	M17
T 18	19 44 6	25°32'28	24° 6	20°51	16°10	11°18	25°27	7°19	6°38	12°37	10°19	23°54	24° 1	11°35	3°11	T 18
W19	19 48 3	26°29'44	6♂58	21°24	17°24	11°56	25°37	7°23	6°38	12°39	10°20	23°52	23°58	11°41	3°19	W19
T 20	19 51 59	27°27'01	19°27	21°52	18°37	12°34	25°47	7°27	6°38	12°41	10°21	23°51	23°55	11°48	3°26	T 20
F 21	19 55 56	28°24'18	1♂38	22°16	19°50	13°12	25°57	7°31	6°39	12°42	10°22	23°51	23°52	11°55	3°33	F 21
S 22	19 59 52	29°21'35	13°37	22°35	21° 3	13°50	26° 7	7°35	6°39	12°44	10°23	23°51	23°48	12° 1	3°41	S 22
S 23	20 3 49	0♂18'53	25°28	22°50	22°17	14°28	26°16	7°39	6°39	12°46	10°24	23°49	23°45	12° 8	3°48	S 23
M24	20 7 46	1°16'11	7♂18	23° 0	23°30	15° 6	26°26	7°43	6°40	12°47	10°25	23°44	23°42	12°15	3°56	M24
T 25	20 11 42	2°13'29	19° 9	23° 6	24°43	15°44	26°35	7°48	6°40	12°49	10°26	23°37	23°39	12°21	4° 4	T 25
W26	20 15 39	3°10'48	1♂ 6	23°R 6	25°56	16°22	26°45	7°52	6°41	12°50	10°26	23°28	23°36	12°28	4°11	W26
T 27	20 19 35	4° 8'08	13°12	23° 1	27° 9	17° 0	26°54	7°56	6°41	12°52	10°27	23°16	23°33	12°35	4°19	T 27
F 28	20 23 32	5° 5'28	25°27	22°51	28°22	17°38	27° 3	8° 1	6°42	12°54	10°28	23° 3	23°29	12°42	4°27	F 28
S 29	20 27 28	6° 2'50	7♂54	22°36	29°36	18°16	27°12	8° 6	6°43	12°55	10°29	22°51	23°26	12°48	4°35	S 29
S 30	20 31 25	7° 0'11	20°32	22°16	0♂49	18°54	27°21	8°10	6°44	12°57	10°30	22°39	23°23	12°55	4°42	S 30
M31	20 35 21	7♂57'34	3♂21	21♂51	2♂ 2	19♂32	27♂30	8♂15	6♂44	12♂58	10♂31	22°Y29	23°Y20	13♂2	4♂50	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	23n 8	25s19	5s 1	20n39	1n15	22n23	1n19	21n13	1n11	17n26	0s58	0s19	2n27	13s21	0n27	20n47
S 2	23 3	22 5	4 50	20 12	1 7	22 10	1 21	21 4	1 11	17 29	0 58	0 20	2 27	13 21	0 27	20 47
M 3	22 59	17 49	4 25	19 44	0 59	21 57	1 22	20 56	1 11	17 32	0 58	0 21	2 27	13 20	0 27	20 47
T 4	22 54	12 41	3 47	19 16	0 51	21 43	1 23	20 47	1 11	17 35	0 58	0 22	2 26	13 20	0 27	20 48
W 5	22 48	6 56	2 57	18 47	0 42	21 29	1 24	20 39	1 11	17 38	0 58	0 23	2 26	13 20	0 27	20 48
T 6	22 43	0 46	1 56	18 19	0 32	21 13	1 25	20 30	1 11	17 40	0 58	0 25	2 26	13 20	0 26	20 48
F 7	22 36	5n35	0 48	17 50	0 22	20 58	1 26	20 21	1 11	17 43	0 58	0 26	2 26	13 20	0 26	20 48
S 8	22 30	11 50	0n25	17 21	0 12	20 42	1 27	20 11	1 11	17 46	0 58	0 27	2 26	13 20	0 26	20 48
S 9	22 23	17 38	1 39	16 52	0 1	20 25	1 28	20 2	1 11	17 49	0 58	0 29	2 25	13 20	0 26	20 49
M10	22 15	22 34	2 47	16 23	0s10	20 7	1 29	19 52	1 11	17 51	0 58	0 30	2 25	13 20	0 26	20 49
T 11	22 8	26 9	3 46	15 54	0 21	19 49	1 30	19 43	1 11	17 54	0 58	0 32	2 25	13 20	0 26	20 49
W12	21 59	27 56	4 29	15 26	0 33	19 31	1 30	19 33	1 11	17 56	0 58	0 33	2 25	13 19	0 26	20 49
T 13	21 51	27 40	4 55	14 58	0 45	19 12	1 31	19 23	1 11	17 59	0 58	0 35	2 24	13 19	0 26	20 50
F 14	21 42	25 25	5 0	14 31	0 58	18 52	1 32	19 13	1 11	18 1	0 58	0 36	2 24	13 19	0 26	20 50
S 15	21 33	21 32	4 45	14 4	1 11	18 32	1 32	19 3	1 11	18 4	0 58	0 38	2 24	13 19	0 26	20 50
S 16	21 23	16 28	4 13	13 38	1 24	18 11	1 32	18 53	1 11	18 6	0 58	0 39	2 24	13 20	0 26	20 50
M17	21 13	10 42	3 27	13 13	1 37	17 50	1 33	18 42	1 11	18 9	0 59	0 41	2 24	13 20	0 26	20 50
T 18	21 3	4 39	2 30	12 49	1 50	17 29	1 33	18 32	1 10	18 11	0 59	0 43	2 23	13 20	0 26	20 51
W19	20 52	1s25	1 28	12 25	2 4	17 7	1 33	18 21	1 10	18 14	0 59	0 44	2 23	13 20	0 26	20 51
T 20	20 41	7 15	0 23	12 4	2 17	16 44	1 33	18 10	1 10	18 16	0 59	0 46	2 23	13 20	0 26	20 51
F 21	20 30	12 42	0s41	11 43	2 31	16 21	1 33	17 59	1 10	18 18	0 59	0 48	2 23	13 20	0 26	20 51
S 22	20 18	17 34	1 43	11 24	2 45	15 58	1 33	17 48	1 10	18 20	0 59	0 50	2 23	13 20	0 26	20 51
S 23	20 6	21 43	2 39	11 6	2 58	15 34	1 33	17 37	1 10	18 22	0 59	0 51	2 22	13 20	0 26	20 52
M24	19 53	24 58	3 28	10 51	3 11	15 10	1 33	17 26	1 10	18 25	0 59	0 53	2 22	13 20	0 26	20 52
T 25	19 41	27 8	4 9	10 37	3 24	14 45	1 33	17 15	1 10	18 27	0 59	0 55	2 22	13 21	0 26	20 52
W26	19 28	28 5	4 38	10 25	3 37	14 20	1 33	17 3	1 10	18 29	0 59	0 57	2 22	13 21	0 26	20 52
T 27	19 14	27 42	4 56	10 15	3 49	13 55	1 32	16 51	1 10	18 31	0 59	0 59	2 22	13 21	0 26	20 52
F 28	19 0	25 59	5 0	10 7	4 0	13 29	1 32	16 40	1 10	18 33	0 59	1 1	2 21	13 21	0 26	20 52
S 29	18 46	22 59	4 50	10 2	4 11	13 3	1 31	16 28	1 9	18 35	1 0	1 3	2 21	13 22	0 26	20 53
S 30	18 32	18 52	4 26	9 59	4 21	12 36	1 31	16 16	1 9	18 37	1 0	1 5	2 21	13 22	0 26	20 53
M31	18n17	13s50	3s48	9n59	4s30	12n10	1n30	16n 4	1n 9	18n39	1s 0	1s 7	2n21	13s22	0n26	20n53

Julian Day Number = 2412645.5, Delta T = -4.84 sec
Ecliptic obliquity = 23°27'19, Nutation = -0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'11, Lahiri = 22°22'11

ASTRODIENST EPHEMERIS for the year 1893
geocentric

AUGUST 1893

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 39 18	8♂54'58	16♂21	21°R21	3♂15	20♂10	27♂38	8♂20	6♂45	12♂59	10♂32	22°R22	23♂17	13♂8	4♂58	T 1
W 2	20 43 15	9°52'22	29°33	20♂47	4°28	20°48	27°47	8°25	6°46	13° 1	10°32	22♂18	23°14	13°15	5° 6	W 2
T 3	20 47 11	10°49'48	12♂57	20° 9	5°41	21°26	27°55	8°30	6°47	13° 2	10°33	22°16	23°10	13°22	5°14	T 3
F 4	20 51 8	11°47'16	26°33	19°28	6°54	22° 4	28° 3	8°35	6°48	13° 4	10°34	22°D16	23° 7	13°28	5°22	F 4
S 5	20 55 4	12°44'44	10♂22	18°44	8° 7	22°42	28°12	8°40	6°49	13° 5	10°35	22°R16	23° 4	13°35	5°30	S 5
S 6	20 59 1	13°42'14	24°25	17°58	9°20	23°20	28°20	8°45	6°50	13° 6	10°35	22°16	23° 1	13°42	5°38	S 6
M 7	21 2 57	14°39'45	8♂42	17°10	10°33	23°58	28°27	8°50	6°52	13° 8	10°36	22°13	22°58	13°48	5°46	M 7
T 8	21 6 54	15°37'18	23°10	16°22	11°46	24°36	28°35	8°55	6°53	13° 9	10°37	22° 9	22°54	13°55	5°54	T 8
W 9	21 10 50	16°34'52	7♂45	15°34	12°59	25°14	28°43	9° 1	6°54	13°10	10°37	22° 2	22°51	14° 2	6° 2	W 9
T 10	21 14 47	17°32'28	22°23	14°48	14°12	25°52	28°50	9° 6	6°55	13°11	10°38	21°53	22°48	14° 9	6°11	T 10
F 11	21 18 44	18°30'04	6♂54	14° 4	15°25	26°30	28°57	9°12	6°57	13°12	10°39	21°44	22°45	14°15	6°19	F 11
S 12	21 22 40	19°27'42	21°14	13°23	16°37	27° 8	29° 4	9°17	6°58	13°14	10°39	21°34	22°42	14°22	6°27	S 12
S 13	21 26 37	20°25'21	5♂15	12°46	17°50	27°46	29°11	9°23	7° 0	13°15	10°40	21°26	22°39	14°29	6°35	S 13
M14	21 30 33	21°23'01	18°54	12°13	19° 3	28°25	29°18	9°28	7° 1	13°16	10°40	21°19	22°35	14°35	6°44	M14
T 15	21 34 30	22°20'43	2♂ 8	11°46	20°16	29° 3	29°25	9°34	7° 3	13°17	10°41	21°15	22°32	14°42	6°52	T 15
W16	21 38 26	23°18'25	14°59	11°26	21°29	29°41	29°31	9°40	7° 4	13°18	10°41	21°14	22°29	14°49	7° 0	W16
T 17	21 42 23	24°16'09	27°29	11°12	22°41	0♂19	29°37	9°46	7° 6	13°19	10°42	21°D14	22°26	14°55	7° 9	T 17
F 18	21 46 19	25°13'53	9♂42	11°D 4	23°54	0°57	29°44	9°52	7° 8	13°20	10°42	21°15	22°23	15° 2	7°17	F 18
S 19	21 50 16	26°11'39	21°42	11° 5	25° 7	1°35	29°50	9°58	7° 9	13°21	10°43	21°R15	22°20	15° 9	7°25	S 19
S 20	21 54 13	27° 9'26	3♂35	11°12	26°20	2°13	29°55	10° 4	7°11	13°22	10°43	21°15	22°16	15°15	7°34	S 20
M21	21 58 9	28° 7'14	15°26	11°28	27°32	2°51	0♂1 1	10°10	7°13	13°22	10°44	21°13	22°13	15°22	7°42	M21
T 22	22 2 6	29° 5'04	27°19	11°51	28°45	3°30	0° 7	10°16	7°15	13°23	10°44	21°10	22°10	15°29	7°51	T 22
W23	22 6 2	0♂ 2'54	9♂30	12°22	29°58	4° 8	0°12	10°22	7°17	13°24	10°45	21° 4	22° 7	15°36	7°59	W23
T 24	22 9 59	1° 0'46	21°32	13° 1	1♂10	4°46	0°17	10°28	7°19	13°25	10°45	20°56	22° 4	15°42	8° 7	T 24
F 25	22 13 55	1°58'39	3♂56	13°47	2°23	5°24	0°22	10°34	7°21	13°26	10°45	20°48	22° 0	15°49	8°16	F 25
S 26	22 17 52	2°56'34	16°36	14°41	3°35	6° 2	0°27	10°41	7°23	13°26	10°46	20°39	21°57	15°56	8°24	S 26
S 27	22 21 48	3°54'30	29°31	15°41	4°48	6°40	0°32	10°47	7°25	13°27	10°46	20°31	21°54	16° 2	8°33	S 27
M28	22 25 45	4°52'27	12♂40	16°48	6° 0	7°19	0°36	10°53	7°27	13°28	10°46	20°25	21°51	16° 9	8°41	M28
T 29	22 29 42	5°50'27	26° 3	18° 2	7°13	7°57	0°40	11° 0	7°29	13°28	10°47	20°20	21°48	16°16	8°50	T 29
W30	22 33 38	6°48'27	9♂37	19°22	8°25	8°35	0°45	11° 6	7°32	13°29	10°47	20°18	21°45	16°22	8°58	W30
T 31	22 37 35	7♂46'30	23♂22	20♂47	9♂37	9♂13	0♂48	11♂13	7♂34	13♂29	10♂47	20°D18	21♂41	16♂29	9♂ 7	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	18n 2	8s 7	2s58	10n 1	4s37	11n43	1n29	15n52	1n 9	18n40	1s 0	1s 9	2n21	13s23	0n26	20n53
W 2	17 47	1 58	1 57	10 5	4 44	11 15	1 29	15 40	1 9	18 42	1 0	1 11	2 20	13 23	0 26	20 53
T 3	17 32	4n21	0 49	10 12	4 49	10 48	1 28	15 27	1 9	18 44	1 0	1 13	2 20	13 23	0 26	20 53
F 4	17 16	10 36	0n23	10 22	4 52	10 20	1 27	15 15	1 9	18 46	1 0	1 15	2 20	13 24	0 26	20 53
S 5	17 0	16 26	1 35	10 34	4 54	9 51	1 26	15 2	1 9	18 48	1 0	1 18	2 20	13 24	0 26	20 54
S 6	16 43	21 30	2 42	10 48	4 54	9 23	1 25	14 50	1 8	18 49	1 0	1 22	2 20	13 24	0 26	20 54
M 7	16 27	25 24	3 40	11 4	4 52	8 54	1 23	14 37	1 8	18 51	1 0	1 20	2 20	13 25	0 25	20 54
T 8	16 10	27 42	4 26	11 22	4 48	8 25	1 22	14 24	1 8	18 52	1 1	1 24	2 19	13 25	0 25	20 54
W 9	15 53	28 7	4 54	11 41	4 42	7 56	1 21	14 11	1 8	18 54	1 1	1 27	2 19	13 26	0 25	20 54
T 10	15 35	26 35	5 3	12 1	4 35	7 27	1 20	13 58	1 8	18 55	1 1	1 29	2 19	13 26	0 25	20 54
F 11	15 18	23 16	4 53	12 22	4 26	6 57	1 18	13 45	1 8	18 57	1 1	1 31	2 19	13 27	0 25	20 54
S 12	15 0	18 36	4 24	12 44	4 15	6 28	1 17	13 32	1 8	18 58	1 1	1 33	2 19	13 27	0 25	20 54
S 13	14 41	13 0	3 40	13 6	4 3	5 58	1 15	13 19	1 7	19 0	1 1	1 36	2 19	13 28	0 25	20 54
M14	14 23	6 54	2 44	13 28	3 49	5 28	1 13	13 5	1 7	19 1	1 1	1 38	2 18	13 28	0 25	20 55
T 15	14 4	0 41	1 40	13 50	3 34	4 57	1 12	12 52	1 7	19 2	1 1	1 41	2 18	13 29	0 25	20 55
W16	13 46	5s24	0 33	14 11	3 19	4 27	1 10	12 38	1 7	19 4	1 1	1 43	2 18	13 29	0 25	20 55
T 17	13 26	11 6	0 33	14 31	3 2	3 56	1 8	12 25	1 7	19 5	1 2	1 45	2 18	13 30	0 25	20 55
F 18	13 7	16 16	1 37	14 49	2 45	3 26	1 6	12 11	1 7	19 6	1 2	1 48	2 18	13 30	0 25	20 55
S 19	12 48	20 43	2 36	15 6	2 27	2 55	1 4	11 57	1 7	19 7	1 2	1 50	2 18	13 31	0 25	20 55
S 20	12 28	24 16	3 27	15 21	2 10	2 24	1 2	11 43	1 6	19 8	1 2	1 53	2 18	13 32	0 25	20 55
M21	12 8	26 47	4 9	15 34	1 52	1 54	1 0	11 29	1 6	19 9	1 2	1 55	2 17	13 32	0 25	20 55
T 22	11 48	28 6	4 41	15 45	1 34	1 23	0 58	11 16	1 6	19 11	1 2	1 58	2 17	13 33	0 25	20 55
W23	11 28	28 7	5 0	15 53	1 16	0 52	0 55	11 1	1 6	19 12	1 2	2 0	2 17	13 33	0 25	20 55
T 24	11 7	26 47	5 7	15 59	0 59	0 21	0 53	10 47	1 6	19 13	1 2	2 3	2 17	13 34	0 25	20 55
F 25	10 47	24 7	4 59	16 2	0 42	0s10	0 51	10 33	1 6	19 13	1 2	2 5	2 17	13 35	0 25	20 55
S 26	10 26	20 15	4 36	16 2	0 26	0 41	0 48	10 19	1 5	19 14	1 3	2 8	2 17	13 36	0 25	20 55
S 27	10 5	15 23	3 59	15 59	0 11	1 12	0 46	10 5	1 5	19 15	1 3	2 10	2 17	13 36	0 25	20 55
M28	9 44	9 43	3 9	15 52	0n 4	1 43	0 43	9 50	1 5	19 16	1 3	2 13	2 17	13 37	0 25	20 55
T 29	9 23	3 31	2 7	15 43	0 18	2 14	0 41	9 36	1 5	19 17	1 3	2 16	2 16	13 38	0 25	20 55
W30	9 1	2n56	0 58	15 31	0 31	2 45	0 38	9 21	1 5	19 18	1 3	2 18	2 16	13 38	0 25	20 55
T 31	8n40	9n20	0n17	15n15	0n43	3s16	0n35	9n 7	1n 4	19n18	1s 3	2s21	2n16	13s39	0n25	20n55

Julian Day Number = 2412676.5, Delta T = -4.86 sec
Ecliptic obliquity = 23°27'20", Nutation = - 0°00'05", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'15", Lahiri = 22°22'15"

ASTRODIENST EPHEMERIS for the year 1893

geocentric

SEPTEMBER 1893

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 41 31	8 ^h 44 ^m 35 ^s	7 ^h 15 ^m	22 ^h 01 ^m 17 ^s	10 ^h 50 ^m	9 ^h 52 ^m	0 ^h 52 ^m	11 ^h 19 ^m	7 ^h 36 ^m	13 ^h 30 ^m	10 ^h 47 ^m	20 ^h 18 ^m	21 ^h 38 ^m	16 ^h 36 ^m	9 ^h 15 ^m	F 1
S 2	22 45 28	9 ^h 42 ^m 41 ^s	21 ^h 15 ^m	23 ^h 51 ^m	12 ^h 2 ^m	10 ^h 30 ^m	0 ^h 56 ^m	11 ^h 26 ^m	7 ^h 39 ^m	13 ^h 30 ^m	10 ^h 47 ^m	20 ^h 20 ^m	21 ^h 35 ^m	16 ^h 43 ^m	9 ^h 24 ^m	S 2
S 3	22 49 24	10 ^h 40 ^m 50 ^s	5 ^h 11 ^m 21 ^s	25 ^h 30 ^m	13 ^h 14 ^m	11 ^h 8 ^m	0 ^h 59 ^m	11 ^h 33 ^m	7 ^h 41 ^m	13 ^h 31 ^m	10 ^h 48 ^m	20 ^h R21	21 ^h 32 ^m	16 ^h 49 ^m	9 ^h 32 ^m	S 3
M 4	22 53 21	11 ^h 39 ^m 01 ^s	19 ^h 32 ^m	27 ^h 12 ^m	14 ^h 27 ^m	11 ^h 46 ^m	1 ^h 2 ^m	11 ^h 39 ^m	7 ^h 44 ^m	13 ^h 31 ^m	10 ^h 48 ^m	20 ^h 21 ^m	21 ^h 29 ^m	16 ^h 56 ^m	9 ^h 41 ^m	M 4
T 5	22 57 17	12 ^h 37 ^m 14 ^s	3 ^h 36 ^m 46 ^s	28 ^h 57 ^m	15 ^h 39 ^m	12 ^h 25 ^m	1 ^h 5 ^m	11 ^h 46 ^m	7 ^h 46 ^m	13 ^h 32 ^m	10 ^h 48 ^m	20 ^h 19 ^m	21 ^h 26 ^m	17 ^h 3 ^m	9 ^h 49 ^m	T 5
W 6	23 1 14	13 ^h 35 ^m 29 ^s	18 ^h 0 ^m	0 ^h 44 ^m	16 ^h 51 ^m	13 ^h 3 ^m	1 ^h 8 ^m	11 ^h 53 ^m	7 ^h 49 ^m	13 ^h 32 ^m	10 ^h 48 ^m	20 ^h 16 ^m	21 ^h 22 ^m	17 ^h 9 ^m	9 ^h 58 ^m	W 6
T 7	23 5 11	14 ^h 33 ^m 46 ^s	2 ^h 01 ^m 11 ^s	2 ^h 33 ^m	18 ^h 3 ^m	13 ^h 41 ^m	1 ^h 11 ^m	12 ^h 0 ^m	7 ^h 51 ^m	13 ^h 32 ^m	10 ^h 48 ^m	20 ^h 11 ^m	21 ^h 19 ^m	17 ^h 16 ^m	10 ^h 6 ^m	T 7
F 8	23 9 7	15 ^h 32 ^m 04 ^s	16 ^h 16 ^m	4 ^h 25 ^m	19 ^h 15 ^m	14 ^h 20 ^m	1 ^h 13 ^m	12 ^h 6 ^m	7 ^h 54 ^m	13 ^h 33 ^m	10 ^h 48 ^m	20 ^h 6 ^m	21 ^h 16 ^m	17 ^h 23 ^m	10 ^h 15 ^m	F 8
S 9	23 13 4	16 ^h 30 ^m 25 ^s	0 ^h 44 ^m 9 ^s	6 ^h 17 ^m	20 ^h 27 ^m	14 ^h 58 ^m	1 ^h 16 ^m	12 ^h 13 ^m	7 ^h 56 ^m	13 ^h 33 ^m	10 ^h 48 ^m	20 ^h 0 ^m	21 ^h 13 ^m	17 ^h 29 ^m	10 ^h 23 ^m	S 9
S 10	23 17 0	17 ^h 28 ^m 48 ^s	13 ^h 48 ^m	8 ^h 10 ^m	21 ^h 40 ^m	15 ^h 37 ^m	1 ^h 18 ^m	12 ^h 20 ^m	7 ^h 59 ^m	13 ^h 33 ^m	10 ^h R48	19 ^h 56 ^m	21 ^h 10 ^m	17 ^h 36 ^m	10 ^h 32 ^m	S 10
M 11	23 20 57	18 ^h 27 ^m 12 ^s	27 ^h 9 ^m	10 ^h 4 ^m	22 ^h 52 ^m	16 ^h 15 ^m	1 ^h 20 ^m	12 ^h 27 ^m	8 ^h 2 ^m	13 ^h 33 ^m	10 ^h 48 ^m	19 ^h 52 ^m	21 ^h 6 ^m	17 ^h 43 ^m	10 ^h 40 ^m	M 11
T 12	23 24 53	19 ^h 25 ^m 38 ^s	10 ^h 12 ^m	11 ^h 58 ^m	24 ^h 4 ^m	16 ^h 53 ^m	1 ^h 21 ^m	12 ^h 34 ^m	8 ^h 5 ^m	13 ^h 34 ^m	10 ^h 48 ^m	19 ^h 50 ^m	21 ^h 3 ^m	17 ^h 50 ^m	10 ^h 49 ^m	T 12
W 13	23 28 50	20 ^h 24 ^m 06 ^s	22 ^h 56 ^m	13 ^h 51 ^m	25 ^h 16 ^m	17 ^h 32 ^m	1 ^h 23 ^m	12 ^h 41 ^m	8 ^h 7 ^m	13 ^h 34 ^m	10 ^h 48 ^m	19 ^h D50	21 ^h 0 ^m	17 ^h 56 ^m	10 ^h 57 ^m	W 13
T 14	23 32 46	21 ^h 22 ^m 36 ^s	5 ^h 11 ^m 22 ^s	15 ^h 45 ^m	26 ^h 28 ^m	18 ^h 10 ^m	1 ^h 24 ^m	12 ^h 48 ^m	8 ^h 10 ^m	13 ^h 34 ^m	10 ^h 48 ^m	19 ^h 51 ^m	20 ^h 57 ^m	18 ^h 3 ^m	11 ^h 6 ^m	T 14
F 15	23 36 43	22 ^h 21 ^m 08 ^s	17 ^h 34 ^m	17 ^h 39 ^m	27 ^h 40 ^m	18 ^h 49 ^m	1 ^h 25 ^m	12 ^h 55 ^m	8 ^h 13 ^m	13 ^h 34 ^m	10 ^h 48 ^m	19 ^h 53 ^m	20 ^h 54 ^m	18 ^h 10 ^m	11 ^h 14 ^m	F 15
S 16	23 40 40	23 ^h 19 ^m 41 ^s	29 ^h 34 ^m	19 ^h 32 ^m	28 ^h 51 ^m	19 ^h 27 ^m	1 ^h 26 ^m	13 ^h 2 ^m	8 ^h 16 ^m	13 ^h R34	10 ^h 48 ^m	19 ^h 54 ^m	20 ^h 51 ^m	18 ^h 16 ^m	11 ^h 23 ^m	S 16
S 17	23 44 36	24 ^h 18 ^m 16 ^s	11 ^h 17 ^m 28 ^s	21 ^h 24 ^m	0 ^h 11 ^m 3 ^s	20 ^h 6 ^m	1 ^h 27 ^m	13 ^h 9 ^m	8 ^h 19 ^m	13 ^h 34 ^m	10 ^h 48 ^m	19 ^h 56 ^m	20 ^h 47 ^m	18 ^h 23 ^m	11 ^h 31 ^m	S 17
M 18	23 48 33	25 ^h 16 ^m 52 ^s	23 ^h 19 ^m	23 ^h 15 ^m	1 ^h 15 ^m	20 ^h 44 ^m	1 ^h 27 ^m	13 ^h 16 ^m	8 ^h 22 ^m	13 ^h 34 ^m	10 ^h 47 ^m	19 ^h R56	20 ^h 44 ^m	18 ^h 30 ^m	11 ^h 39 ^m	M 18
T 19	23 52 29	26 ^h 15 ^m 31 ^s	5 ^h 11 ^m 31 ^s	25 ^h 6 ^m	2 ^h 27 ^m	21 ^h 23 ^m	1 ^h 27 ^m	13 ^h 23 ^m	8 ^h 25 ^m	13 ^h 34 ^m	10 ^h 47 ^m	19 ^h 56 ^m	20 ^h 41 ^m	18 ^h 36 ^m	11 ^h 48 ^m	T 19
W 20	23 56 26	27 ^h 14 ^m 11 ^s	17 ^h 15 ^m	26 ^h 56 ^m	3 ^h 39 ^m	22 ^h 1 ^m	1 ^h R27	13 ^h 30 ^m	8 ^h 28 ^m	13 ^h 34 ^m	10 ^h 47 ^m	19 ^h 55 ^m	20 ^h 38 ^m	18 ^h 43 ^m	11 ^h 56 ^m	W 20
T 21	0 0 22	28 ^h 12 ^m 53 ^s	29 ^h 29 ^m	28 ^h 45 ^m	4 ^h 50 ^m	22 ^h 40 ^m	1 ^h 27 ^m	13 ^h 38 ^m	8 ^h 31 ^m	13 ^h 33 ^m	10 ^h 47 ^m	19 ^h 52 ^m	20 ^h 35 ^m	18 ^h 50 ^m	12 ^h 4 ^m	T 21
F 22	0 4 19	29 ^h 11 ^m 36 ^s	11 ^h 11 ^m 58 ^s	0 ^h 12 ^m 34 ^s	6 ^h 2 ^m	23 ^h 18 ^m	1 ^h 27 ^m	13 ^h 45 ^m	8 ^h 34 ^m	13 ^h 33 ^m	10 ^h 47 ^m	19 ^h 49 ^m	20 ^h 32 ^m	18 ^h 57 ^m	12 ^h 13 ^m	F 22
S 23	0 8 15	0 ^h 12 ^m 21 ^s	24 ^h 45 ^m	2 ^h 21 ^m	7 ^h 13 ^m	23 ^h 57 ^m	1 ^h 27 ^m	13 ^h 52 ^m	8 ^h 37 ^m	13 ^h 33 ^m	10 ^h 46 ^m	19 ^h 46 ^m	20 ^h 28 ^m	19 ^h 3 ^m	12 ^h 21 ^m	S 23
S 24	0 12 12	1 ^h 9 ^m 08 ^s	7 ^h 11 ^m 52 ^s	4 ^h 7 ^m	8 ^h 25 ^m	24 ^h 35 ^m	1 ^h 26 ^m	13 ^h 59 ^m	8 ^h 40 ^m	13 ^h 33 ^m	10 ^h 46 ^m	19 ^h 44 ^m	20 ^h 25 ^m	19 ^h 10 ^m	12 ^h 29 ^m	S 24
M 25	0 16 9	2 ^h 7 ^m 57 ^s	21 ^h 18 ^m	5 ^h 53 ^m	9 ^h 36 ^m	25 ^h 14 ^m	1 ^h 25 ^m	14 ^h 6 ^m	8 ^h 43 ^m	13 ^h 33 ^m	10 ^h 46 ^m	19 ^h 41 ^m	20 ^h 22 ^m	19 ^h 17 ^m	12 ^h 38 ^m	M 25
T 26	0 20 5	3 ^h 6 ^m 48 ^s	5 ^h 11 ^m 3 ^s	7 ^h 37 ^m	10 ^h 48 ^m	25 ^h 52 ^m	1 ^h 24 ^m	14 ^h 14 ^m	8 ^h 47 ^m	13 ^h 32 ^m	10 ^h 45 ^m	19 ^h 40 ^m	20 ^h 19 ^m	19 ^h 23 ^m	12 ^h 46 ^m	T 26
W 27	0 24 2	4 ^h 5 ^m 40 ^s	19 ^h 3 ^m	9 ^h 21 ^m	11 ^h 59 ^m	26 ^h 31 ^m	1 ^h 22 ^m	14 ^h 21 ^m	8 ^h 50 ^m	13 ^h 32 ^m	10 ^h 45 ^m	19 ^h D40	20 ^h 16 ^m	19 ^h 30 ^m	12 ^h 54 ^m	W 27
T 28	0 27 58	5 ^h 4 ^m 35 ^s	3 ^h 11 ^m 15 ^s	11 ^h 4 ^m	13 ^h 11 ^m	27 ^h 10 ^m	1 ^h 21 ^m	14 ^h 28 ^m	8 ^h 53 ^m	13 ^h 32 ^m	10 ^h 45 ^m	19 ^h 40 ^m	20 ^h 12 ^m	19 ^h 37 ^m	13 ^h 2 ^m	T 28
F 29	0 31 55	6 ^h 3 ^m 32 ^s	17 ^h 34 ^m	12 ^h 45 ^m	14 ^h 22 ^m	27 ^h 48 ^m	1 ^h 19 ^m	14 ^h 36 ^m	8 ^h 56 ^m	13 ^h 31 ^m	10 ^h 44 ^m	19 ^h 41 ^m	20 ^h 9 ^m	19 ^h 43 ^m	13 ^h 10 ^m	F 29
S 30	0 35 51	7 ^h 11 ^m 23 ^s	1 ^h 11 ^m 57 ^s	14 ^h 12 ^m 26 ^s	15 ^h 11 ^m 33 ^s	28 ^h 17 ^m 27 ^s	1 ^h 11 ^m 17 ^s	14 ^h 43 ^m	9 ^h 11 ^m 0 ^s	13 ^h 11 ^m 31 ^s	10 ^h 11 ^m 44 ^s	19 ^h 42 ^m	20 ^h 11 ^m 6 ^s	19 ^h 12 ^m 50 ^s	13 ^h 11 ^m 19 ^s	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	8n18	15n22	1n31	14n57	0n54	3s47	0n33	8n52	1n 4	19n19	1 s 3	2s24	2n16	13s40	0n25	20n55	1s31	11n 8	11 s 3	7n56	8n26	26s58	3n40	4s47	5n48	6n49	7n50
S 2	7 56	20 39	2 40	14 35	1 4	4 18	0 30	8 37	1 4	19 19	1 3	2 26	2 16	13 41	0 25	20 55	1 31	11 8	11 3	7 57	8 25	27 0	3 37	4 47	5 57	6 67	7 77
S 3	7 34	24 49	3 40	14 10	1 13	4 49	0 27	8 23	1 4	19 20	1 4	2 29	2 16	13 42	0 25	20 55	1 31	11 7	11 4	7 57	8 24	27 1	3 34	4 44	5 54	6 64	7 74
M 4	7 12	27 29	4 27	13 43	1 20	5 20	0 24	8 8	1 4	19 21	1 4	2 32	2 16	13 42	0 25	20 55	1 31	11 7	11 4	7 57	8 23	27 2	3 31	4 41	5 51	6 61	7 71
T 5	6 50	28 22	4 58	13 13	1 27	5 50	0 21	7 53	1 3	19 21	1 4	2 34	2 16	13 43	0 25	20 55	1 32	11 7	11 4	7 57	8 22	27 3	3 28	4 38	5 48	6 58	7 68
W 6	6 27	27 22	5 10	12 40	1 33	6 21	0 18	7 38	1 3	19 22	1 4	2 37	2 16	13 44	0 25	20 55	1 32	11 7	11 4	7 55	8 20	27 4	3 25	4 35	5 45	6 55	7 65
T 7	6 5	24 37	5 4	12 6	1 38	6 51	0 15	7 23	1 3	19 22	1 4	2 40	2 16	13 45	0 25	20 55	1 32	11 7	11 4	7 54	8 19	27 6	3 22	4 32	5 42	6 52	7 62
F 8	5 42	20 24	4 39	11 29	1 42	7 21	0 12	7 8	1 3	19 22	1 4	2 43	2 16	13 46	0 25	20 55	1 32	11 6	11 5	7 52	8 18	27 7	3 19	4 29	5 39	6 49	7 59
S 9	5 20	15 8	3 58	10 50	1 45	7 52	0 9	6 53	1 3	19 23	1 4	2 45	2 15	13 47	0 25	20 55	1 32	11 6	11 5	7 50	8 17	27 8	3 16	4 26	5 36	6 46	7 56
S 10	4 57	9 12	3 4	10 10	1 47	8 21	0 6	6 38	1 2	19 23	1 4	2 48	2 15	13 48	0 25	20 55	1 32	11 6	11 5	7 48	8 16	27 9	3 13	4 23	5 33	6 43	7 53
M 11	4 34	2 59	2 1	9 28	1 48	8 51	0 3	6 23	1 2	19 23	1 4	2 51	2 15	13 49	0 24	20 55	1 32	11 6	11 5	7 47	8 14	27 10	3 10	4 20	5 30	6 40	7 50
T 12	4 11	3s14	0 53	8 45	1 49	9 21	0s 1	6 8	1 2	19 23	1 5	2 54	2 15	13 49	0 24	20 55	1 32	11 6	11 5	7 46	8 13	27 11	3 7	4 17	5 27	6 37	7 47
W 13	3 48	9 11	0s17	8 1	1 48	9 50	0 4	5 53	1 2	19 24	1 5	2 56	2 15	13 50	0 24	20 55	1 32	11 5	11 6	7 46	8 12	27 12	3 4	4 24	5 34	6 44	7 54
T 14	3 25	14 39	1 24	7 16	1 48	10 20	0 7	5 37	1 1	19 24	1 5	2 59	2 15	13 51	0 24	20 55	1 32	11 5	11 6	7 46	8 11	27 13	3 1	4 11	5 21	6 31	7 41
F 15	3 2	19 25	2 26	6 31	1 46	10 49	0 10	5 22	1 1	19 24	1 5	3 2	2 15	13 52	0 24	20 55	1 32	11 5	11 6	7 47	8 10	27 15	2 57	4 07	5 17	6 27	7 37
S 16	2 39	23 21	3 21	5 45	1 44	11 17	0 14	5 7	1 1	19 24	1 5	3 5	2 15	13 53	0 24	20 55	1 32	11 5	11 6	7 47	8 9	27 16	2 54	4 04	5 14	6 24	7 34
S 17	2 16	26 14	4 7	4 58	1 41	11 46	0 17	4 51	1 1	19 24	1 5	3 7	2 15	13 54	0 24	20 55	1 32	11 5	11 6	7 48	8 7	27 17	2 51	4 01	5 11	6 21	7 31
M 18	1 53	27 58	4 41	4 11	1 38	12 14	0 20	4 36	1 0	19 24	1 5	3 10	2 15	13 55	0 24	20 55	1 32	11 4	11 7	7 48	8 6	27 18	2 48	4 08	5 18	6 28	7 38
T 19	1 29	28 25	5 4	3 24	1 34	12 42	0 24	4 21	1 0	19 24	1 5	3 13	2 15	13 56	0 24	20 55	1 32	11 4	11 7	7 48	8 5	27 19	2 45	4 05	5 15	6 25	7 35
W 20	1 6	27 32	5 14	2 36	1 30	13 10	0 27	4 5	1 0	19 24	1 6	3 16	2 15	13 57	0 24	20 55	1 32	11 4	11 7	7 47	8 4	27 20	2 42	4 02	5 12	6 22	7 32
T 21	0 43	25 19	5 10	1 49	1 26	13 37	0 31	3 50	1 0	19 24	1 6	3 19	2 15	13 58	0 24	20 55	1 32	11 4	11 7	7 47	8 3	27 21	2 39	4 09	5 19	6 29	7 39
F 22	0 19	21 53	4 52	1 1	1 21	14 4	0 34	3 34	0 59	19 24	1 6	3 22	2 15	13 59	0 24	20 55	1 32	11 4	11 7	7 45	8 1	27 22	2 36	4 06	5 16	6 26	7 36
S 23	0s 4	17 20	4 18	0 14	1 16	14 31	0 37	3 19	0 59	19 23	1 6	3 24	2 15	14 0	0 24	20 55	1 32	11 3	11 8	7 44	8 0	27 23	2 33	4 03	5 13	6 23	7 33
S 24	0 28	11 53	3 31	0s33	1 11	14 58	0 41	3 3	0 59	19 23	1 6	3 27	2 15	14 1	0 24	20 55	1 32	11 3	11 8	7 43	7 59	27 24	2 30	4 04	5 14	6 24	7 34
M 25	0 51	5 45	2 30	1 20	1 5	15 24	0 44	2 48	0 59	19 23	1 6	3 30	2 15	14 2	0 24	20 55	1 32	11 3	11 8	7 42	7 58	27 25	2 27	4 04	5 14	6 24	7 34
T 26	1 14	0n47	1 20	2 7	1 0	15 50	0 48	2 32	0 58	19 22	1 6	3 33	2 15	14 3	0 24	20 55	1 33	11 3	11 8	7 42	7 57	27 26	2 23	4 04	5 14	6 24	7 34
W 27	1 38	7 25	0 3	2 53	0 54	16 15	0 51	2 17	0 58	19 22	1 6	3 36	2 15	14 4	0 24	20 55	1 33	11 2	11 8	7 42	7 55	27 27	2 20	4 04	5 14	6 24	7 34
T 28	2 1	13 46	1n14	3 39	0 47	16 40	0 55	2 1	0 58	19 22	1 6	3 38	2 15	14 5	0 24	20 54	1 33	11 2	11 8	7 42	7 54	27 28	2 17	4 04	5 14	6 24	7 34
F 29	2 24	19 27	2 28	4 25	0 41	17 5	0 58	1 45	0 58	19 21	1 6	3 41	2 14	14 6	0 24	20 54	1 33	11 2	11 9	7 42	7 53	27 29	2 14	4 04	5 14	6 24	7 34
S 30	2s48	24n 3	3n33	5s10	0n35	17s29	1s 2	1n30	0n57	19n21	1s 7	3s44	2n14	14s 7	0n24	20n54	1s33	11n 2	11s 9	7n43	7n52	27s30	2n11	4s44	5n45	6n46	7n47

ASTRODIENST EPHEMERIS for the year 1893

geocentric

OCTOBER 1893

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 39 48	8♂1'34	16♂18	16♂6	16♂44	29♂6	1°R15	14♂50	9♂3	13°R30	10°R43	19♀43	20♀3	19♂57	13♂27	S 1	
M 2	0 43 44	9° 0'38	0♂35	17°46	17°56	29°44	1♂13	14°58	9° 6	13♂30	10♂43	19°43	20° 0	20° 4	13°35	M 2	
T 3	0 47 41	9°59'44	14°45	19°24	19° 7	0♂23	1°10	15° 5	9°10	13°29	10°43	19°R43	19°57	20°10	13°43	T 3	
W 4	0 51 38	10°58'53	28°46	21° 2	20°18	1° 2	1° 8	15°12	9°13	13°29	10°42	19°43	19°53	20°17	13°51	W 4	
T 5	0 55 34	11°58'05	12♂37	22°38	21°29	1°41	1° 5	15°20	9°17	13°28	10°42	19°42	19°50	20°24	13°59	T 5	
F 6	0 59 31	12°57'18	26°16	24°14	22°40	2°20	1° 2	15°27	9°20	13°27	10°41	19°41	19°47	20°30	14° 7	F 6	
S 7	1 3 27	13°56'34	9♂42	25°50	23°51	2°58	0°58	15°34	9°23	13°27	10°40	19°41	19°44	20°37	14°15	S 7	
S 8	1 7 24	14°55'51	22°54	27°24	25° 1	3°37	0°55	15°42	9°27	13°26	10°40	19°40	19°41	20°44	14°22	S 8	
M 9	1 11 20	15°55'11	5♂53	28°58	26°12	4°16	0°51	15°49	9°30	13°25	10°39	19°40	19°37	20°50	14°30	M 9	
T 10	1 15 17	16°54'33	18°38	0♂31	27°23	4°55	0°47	15°56	9°34	13°25	10°39	19°D40	19°34	20°57	14°38	T 10	
W11	1 19 13	17°53'57	1♂9	2° 3	28°34	5°34	0°43	16° 4	9°38	13°24	10°38	19°40	19°31	21° 4	14°46	W11	
T 12	1 23 10	18°53'24	13°27	3°35	29°44	6°13	0°39	16°11	9°41	13°23	10°37	19°40	19°28	21°11	14°53	T 12	
F 13	1 27 6	19°52'52	25°34	5° 6	0♂55	6°52	0°34	16°18	9°45	13°22	10°37	19°R40	19°25	21°17	15° 1	F 13	
S 14	1 31 3	20°52'22	7♂33	6°36	2° 5	7°31	0°30	16°26	9°48	13°21	10°36	19°40	19°22	21°24	15° 9	S 14	
S 15	1 35 0	21°51'54	19°26	8° 6	3°16	8°10	0°25	16°33	9°52	13°20	10°35	19°39	19°18	21°31	15°16	S 15	
M16	1 38 56	22°51'28	1♂16	9°34	4°26	8°49	0°20	16°40	9°55	13°19	10°35	19°39	19°15	21°37	15°24	M16	
T 17	1 42 53	23°51'03	13°10	11° 2	5°36	9°28	0°15	16°48	9°59	13°18	10°34	19°39	19°12	21°44	15°31	T 17	
W18	1 46 49	24°50'40	25° 9	12°30	6°47	10° 7	0°10	16°55	10° 3	13°18	10°33	19°D39	19° 9	21°51	15°39	W18	
T 19	1 50 46	25°50'19	7♂20	13°57	7°57	10°46	0° 4	17° 2	10° 6	13°17	10°33	19°39	19° 6	21°58	15°46	T 19	
F 20	1 54 42	26°50'00	19°47	15°23	9° 7	11°25	29♂59	17°10	10°10	13°15	10°32	19°39	19° 3	22° 4	15°53	F 20	
S 21	1 58 39	27°49'42	2♂34	16°48	10°17	12° 4	29°53	17°17	10°14	13°14	10°31	19°40	18°59	22°11	16° 1	S 21	
S 22	2 2 35	28°49'27	15°44	18°12	11°27	12°43	29°47	17°24	10°17	13°13	10°30	19°41	18°56	22°18	16° 8	S 22	
M23	2 6 32	29°49'12	29°18	19°36	12°36	13°22	29°41	17°31	10°21	13°12	10°29	19°42	18°53	22°24	16°15	M23	
T 24	2 10 29	0♂49'00	13♀16	20°58	13°46	14° 1	29°35	17°39	10°25	13°11	10°28	19°R42	18°50	22°31	16°22	T 24	
W25	2 14 25	1°48'50	27°36	22°20	14°56	14°40	29°28	17°46	10°29	13°10	10°28	19°42	18°47	22°38	16°29	W25	
T 26	2 18 22	2°48'41	12♂13	23°41	16° 5	15°19	29°22	17°53	10°32	13° 9	10°27	19°42	18°43	22°44	16°36	T 26	
F 27	2 22 18	3°48'35	27° 1	25° 0	17°15	15°59	29°15	18° 0	10°36	13° 7	10°26	19°40	18°40	22°51	16°43	F 27	
S 28	2 26 15	4°48'31	11♂51	26°19	18°24	16°38	29° 8	18° 7	10°40	13° 6	10°25	19°38	18°37	22°58	16°50	S 28	
S 29	2 30 11	5°48'28	26°37	27°36	19°33	17°17	29° 1	18°14	10°44	13° 5	10°24	19°36	18°34	23° 5	16°57	S 29	
M30	2 34 8	6°48'29	11♂51	28°52	20°42	17°56	28°54	18°22	10°47	13° 4	10°23	19°35	18°31	23°11	17° 3	M30	
T 31	2 38 4	7♂48'31	25♂30	0♂7	21♂51	18♂36	28♂47	18♂29	10♂51	13♂2	10♂22	19♀33	18♀28	23♂18	17♂10	T 31	

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	3s11	27n 8	4n24	5s55	0n28	17s53	1s 5	1n14	0n57	19n20	1s 7	3s47	2n14	14s 9	0n24	20n54	1s33	11n 1	11s 9	7n43	7n51	27s31	2n 8	4s44			
M 2	3 34	28 26	4 59	6 39	0 21	18 17	1 9	0 58	0 57	19 20	1 7	3 50	2 14	14 10	0 24	20 54	1 33	11 1	11 9	7 43	7 49	27 32	2 5	4 44			
T 3	3 58	27 52	5 15	7 23	0 14	18 40	1 12	0 43	0 57	19 19	1 7	3 53	2 14	14 11	0 24	20 54	1 33	11 1	11 9	7 43	7 48	27 33	2 2	4 44			
W 4	4 21	25 31	5 13	8 6	0 8	19 3	1 15	0 27	0 56	19 18	1 7	3 55	2 14	14 12	0 24	20 54	1 33	11 1	11 10	7 43	7 47	27 34	1 59	4 44			
T 5	4 44	21 42	4 52	8 48	0 1	19 25	1 19	0 11	0 56	19 18	1 7	3 58	2 14	14 13	0 24	20 54	1 33	11 1	11 10	7 43	7 46	27 35	1 56	4 45			
F 6	5 7	16 46	4 15	9 30	0s 6	19 46	1 22	0s 4	0 56	19 17	1 7	4 1	2 14	14 14	0 24	20 54	1 33	11 0	11 10	7 42	7 45	27 36	1 53	4 45			
S 7	5 30	11 5	3 24	10 12	0 13	20 8	1 26	0 20	0 55	19 16	1 7	4 4	2 14	14 15	0 24	20 53	1 33	11 0	11 10	7 42	7 43	27 37	1 50	4 45			
S 8	5 53	5 0	2 23	10 52	0 20	20 28	1 29	0 36	0 55	19 15	1 7	4 7	2 14	14 16	0 24	20 53	1 33	11 0	11 10	7 42	7 42	27 38	1 46	4 45			
M 9	6 16	1s11	1 16	11 32	0 27	20 49	1 32	0 52	0 55	19 15	1 7	4 10	2 14	14 17	0 24	20 53	1 33	11 0	11 10	7 42	7 41	27 38	1 43	4 45			
T 10	6 39	7 13	0 6	12 12	0 34	21 8	1 35	1 7	0 55	19 14	1 7	4 12	2 14	14 19	0 24	20 53	1 33	10 59	11 10	7 42	7 40	27 39	1 40	4 45			
W 11	7 2	12 52	1s 3	12 51	0 41	21 27	1 39	1 23	0 54	19 13	1 7	4 15	2 14	14 20	0 24	20 53	1 33	10 59	11 11	7 42	7 39	27 40	1 37	4 45			
T 12	7 24	17 55	2 8	13 29	0 48	21 46	1 42	1 39	0 54	19 12	1 8	4 18	2 15	14 21	0 24	20 53	1 33	10 59	11 11	7 42	7 37	27 41	1 34	4 45			
F 13	7 47	22 11	3 6	14 6	0 55	22 4	1 45	1 54	0 54	19 11	1 8	4 21	2 15	14 22	0 24	20 53	1 33	10 59	11 11	7 42	7 36	27 42	1 31	4 45			
S 14	8 9	25 27	3 55	14 42	1 2	22 22	1 48	2 10	0 53	19 10	1 8	4 24	2 15	14 23	0 24	20 53	1 33	10 58	11 11	7 42	7 35	27 43	1 28	4 45			
S 15	8 31	27 35	4 34	15 18	1 9	22 39	1 51	2 26	0 53	19 9	1 8	4 26	2 15	14 24	0 24	20 52	1 33	10 58	11 11	7 42	7 34	27 44	1 25	4 45			
M 16	8 54	28 28	5 1	15 53	1 15	22 55	1 54	2 41	0 53	19 8	1 8	4 29	2 15	14 25	0 24	20 52	1 33	10 58	11 11	7 42	7 33	27 45	1 22	4 45			
T 17	9 16	28 2	5 15	16 27	1 22	23 11	1 58	2 57	0 52	19 7	1 8	4 32	2 15	14 27	0 24	20 52	1 33	10 58	11 12	7 42	7 31	27 45	1 19	4 45			
W 18	9 38	26 17	5 16	17 0	1 29	23 26	2 0	3 13	0 52	19 6	1 8	4 35	2 15	14 28	0 24	20 52	1 33	10 57	11 12	7 41	7 30	27 46	1 16	4 46			
T 19	9 59	23 19	5 2	17 33	1 35	23 41	2 3	3 28	0 52	19 4	1 8	4 37	2 15	14 29	0 24	20 52	1 33	10 57	11 12	7 42	7 29	27 47	1 14	4 46			
F 20	10 21	19 14	4 34	18 4	1 41	23 55	2 6	3 44	0 51	19 3	1 8	4 40	2 15	14 30	0 24	20 52	1 33	10 57	11 12	7 42	7 28	27 48	1 11	4 46			
S 21	10 43	14 11	3 52	18 35	1 47	24 8	2 9	3 59	0 51	19 2	1 8	4 43	2 15	14 31	0 24	20 51	1 33	10 57	11 12	7 42	7 27	27 49	1 8	4 46			
S 22	11 4	8 21	2 57	19 4	1 53	24 21	2 12	4 15	0 51	19 1	1 8	4 46	2 15	14 32	0 24	20 51	1 34	10 57	11 12	7 42	7 25	27 49	1 5	4 46			
M 23	11 25	1 58	1 51	19 33	1 59	24 33	2 15	4 30	0 50	18 59	1 8	4 48	2 15	14 34	0 24	20 51	1 34	10 56	11 12	7 43	7 24	27 50	1 2	4 46			
T 24	11 46	4n42	0 36	20 0	2 4	24 44	2 17	4 46	0 50	18 58	1 8	4 51	2 15	14 35	0 24	20 51	1 34	10 56	11 12	7 43	7 23	27 51	0 59	4 46			
W 25	12 7	11 18	0n44	20 27	2 9	24 55	2 20	5 1	0 50	18 57	1 8	4 54	2 15	14 36	0 24	20 51	1 34	10 56	11 13	7 43	7 22	27 52	0 56	4 46			
T 26	12 27	17 26	2 1	20 52	2 14	25 5	2 22	5 17	0 49	18 55	1 8	4 56	2 15	14 37	0 24	20 51	1 34	10 56	11 13	7 42	7 20	27 53	0 53	4 47			
F 27	12 48	22 37	3 12	21 17	2 19	25 15	2 25	5 32	0 49	18 54	1 8	4 59	2 15	14 38	0 24	20 50	1 34	10 55	11 13	7 42	7 19	27 53	0 51	4 47			
S 28	13 8	26 21	4 10	21 40	2 24	25 23	2 27	5 48	0 49	18 52	1 8	5 2	2 15	14 39	0 24	20 50	1 34	10 55	11 13	7 41	7 18	27 54	0 48	4 47			
S 29	13 28	28 15	4 51	22 2	2 28	25 32	2 29	6 3	0 48	18 51	1 8	5 4	2 15	14 41	0 24	20 50	1 34	10 55	11 13	7 41	7 17	27 55	0 45	4 47			
M 30	13 48	28 10	5 12	22 23	2 32	25 39	2 32	6 18	0 48	18 49	1 8	5 7	2 15	14 42	0 24	20 50	1 34	10 55	11 13	7 40	7 16	27 56	0 42	4 47			
T 31	14s 7	26n12	5n14	22s43	2s35	25s46	2s34	6s33	0n48	18n48	1s 8	5s 9	2n16	14s43	0n24	20n50	1s34	10n55	11s13	7n39	7n14	27s56	0n39	4s48			

ASTRODIENST EPHEMERIS for the year 1893

geocentric

NOVEMBER 1893

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 42 1	8♉48'35	9♊30	1♈19	23♈0	19♉15	28♈40	18♉36	10♉55	13♈1	10♈21	19♈D33	18♈Y24	23♈25	17♈16	W 1
T 2	2 45 58	9°48'42	23°11	2°30	24° 9	19°54	28♈33	18°43	10°59	13♈0	10♈II20	19♈Y33	18°21	23°31	17°23	T 2
F 3	2 49 54	10°48'50	6♉34	3°40	25°18	20°34	28°25	18°50	11° 2	12°58	10°19	19°35	18°18	23°38	17°29	F 3
S 4	2 53 51	11°49'01	19°40	4°46	26°26	21°13	28°18	18°57	11° 6	12°57	10°18	19°36	18°15	23°45	17°36	S 4
S 5	2 57 47	12°49'13	2♉30	5°51	27°35	21°52	28°10	19° 4	11°10	12°56	10°17	19°38	18°12	23°52	17°42	S 5
M 6	3 1 44	13°49'28	15° 7	6°52	28°43	22°32	28° 3	19°11	11°14	12°54	10°16	19°R39	18° 9	23°58	17°48	M 6
T 7	3 5 40	14°49'44	27°33	7°50	29°51	23°11	27°55	19°18	11°17	12°53	10°15	19°38	18° 5	24° 5	17°54	T 7
W 8	3 9 37	15°50'03	9♉49	8°45	0♉59	23°51	27°47	19°24	11°21	12°51	10°14	19°37	18° 2	24°12	18° 1	W 8
T 9	3 13 33	16°50'23	21°57	9°36	2° 7	24°30	27°39	19°31	11°25	12°50	10°13	19°34	17°59	24°18	18° 7	T 9
F 10	3 17 30	17°50'45	3♉57	10°23	3°15	25°10	27°31	19°38	11°29	12°48	10°12	19°30	17°56	24°25	18°12	F 10
S 11	3 21 27	18°51'08	15°52	11° 4	4°22	25°49	27°23	19°45	11°32	12°47	10°11	19°24	17°53	24°32	18°18	S 11
S 12	3 25 23	19°51'33	27°44	11°40	5°30	26°29	27°15	19°51	11°36	12°45	10°10	19°19	17°49	24°39	18°24	S 12
M13	3 29 20	20°52'00	9♉34	12°10	6°37	27° 8	27° 7	19°58	11°40	12°44	10° 9	19°13	17°46	24°45	18°30	M13
T 14	3 33 16	21°52'28	21°26	12°33	7°44	27°48	26°59	20° 5	11°43	12°42	10° 8	19° 8	17°43	24°52	18°35	T 14
W15	3 37 13	22°52'57	3♉24	12°48	8°51	28°28	26°51	20°11	11°47	12°41	10° 7	19° 5	17°40	24°59	18°41	W15
T 16	3 41 9	23°53'28	15°32	12°R55	9°58	29° 7	26°43	20°18	11°51	12°39	10° 6	19° 3	17°37	25° 5	18°46	T 16
F 17	3 45 6	24°54'00	27°53	12°52	11° 5	29°47	26°34	20°24	11°55	12°37	10° 5	19°D 3	17°34	25°12	18°52	F 17
S 18	3 49 3	25°54'33	10♈33	12°40	12°11	0♉27	26°26	20°31	11°58	12°36	10° 4	19° 4	17°30	25°19	18°57	S 18
S 19	3 52 59	26°55'07	23°37	12°18	13°17	1° 6	26°18	20°37	12° 2	12°34	10° 3	19° 5	17°27	25°26	19° 2	S 19
M20	3 56 56	27°55'43	7♈7	11°45	14°23	1°46	26°10	20°44	12° 6	12°33	10° 2	19° 7	17°24	25°32	19° 7	M20
T 21	4 0 52	28°56'20	21° 5	11° 1	15°29	2°26	26° 2	20°50	12° 9	12°31	10° 0	19°R 7	17°21	25°39	19°12	T 21
W22	4 4 49	29°56'58	5♈30	10° 7	16°35	3° 6	25°54	20°56	12°13	12°29	9°59	19° 6	17°18	25°46	19°17	W22
T 23	4 8 45	0♈57'37	20°20	9° 4	17°40	3°46	25°45	21° 3	12°16	12°28	9°58	19° 3	17°15	25°52	19°22	T 23
F 24	4 12 42	1°58'18	5♈26	7°52	18°45	4°25	25°37	21° 9	12°20	12°26	9°57	18°58	17°11	25°59	19°26	F 24
S 25	4 16 38	2°59'00	20°40	6°35	19°50	5° 5	25°29	21°15	12°24	12°24	9°56	18°51	17° 8	26° 6	19°31	S 25
S 26	4 20 35	3°59'43	5♈50	5°14	20°54	5°45	25°21	21°21	12°27	12°23	9°55	18°44	17° 5	26°13	19°36	S 26
M27	4 24 32	5° 0'28	20°47	3°51	21°59	6°25	25°13	21°27	12°31	12°21	9°54	18°37	17° 2	26°19	19°40	M27
T 28	4 28 28	6° 1'15	5♈24	2°30	23° 3	7° 5	25° 5	21°33	12°34	12°19	9°52	18°32	16°59	26°26	19°44	T 28
W29	4 32 25	7° 2'03	19°35	1°14	24° 6	7°45	24°58	21°39	12°38	12°18	9°51	18°29	16°55	26°33	19°49	W29
T 30	4 36 21	8♈2'52	3♉19	0♈4	25♈10	8♉25	24♈50	21♈45	12♉41	12♈16	9♈50	18°D27	16°Y52	26♈39	19♈53	T 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	14s27	22n39	4n57	23s 1	2s38	25s52	2s36	6s49	0n47	18n46	1 s 8	5s12	2n16	14s44	0n24	20n49	1 s34
T 2	14 46	17 56	4 23	23 18	2 41	25 57	2 38	7 4	0 47	18 45	1 8	5 15	2 16	14 45	0 24	20 49	1 34
F 3	15 5	12 26	3 35	23 34	2 43	26 2	2 40	7 19	0 46	18 43	1 8	5 17	2 16	14 46	0 24	20 49	1 34
S 4	15 23	6 31	2 38	23 48	2 45	26 6	2 41	7 34	0 46	18 41	1 8	5 20	2 16	14 48	0 24	20 49	1 34
S 5	15 42	0 26	1 33	24 1	2 46	26 9	2 43	7 49	0 46	18 40	1 8	5 22	2 16	14 49	0 24	20 49	1 34
M 6	16 0	5s35	0 25	24 12	2 46	26 12	2 45	8 4	0 45	18 38	1 8	5 25	2 16	14 50	0 24	20 49	1 34
T 7	16 18	11 17	0s43	24 22	2 46	26 13	2 46	8 19	0 45	18 36	1 8	5 27	2 16	14 51	0 24	20 48	1 34
W 8	16 35	16 29	1 49	24 30	2 45	26 15	2 47	8 34	0 45	18 35	1 8	5 30	2 16	14 52	0 24	20 48	1 34
T 9	16 53	20 58	2 48	24 36	2 43	26 15	2 49	8 49	0 44	18 33	1 8	5 32	2 16	14 54	0 24	20 48	1 34
F 10	17 10	24 32	3 39	24 40	2 41	26 15	2 50	9 4	0 44	18 31	1 8	5 35	2 17	14 55	0 24	20 48	1 34
S 11	17 26	27 1	4 20	24 43	2 37	26 14	2 51	9 19	0 43	18 30	1 7	5 37	2 17	14 56	0 24	20 47	1 34
S 12	17 43	28 16	4 50	24 43	2 33	26 12	2 52	9 33	0 43	18 28	1 7	5 40	2 17	14 57	0 24	20 47	1 34
M13	17 59	28 13	5 7	24 42	2 27	26 10	2 53	9 48	0 43	18 26	1 7	5 42	2 17	14 58	0 24	20 47	1 34
T 14	18 15	26 52	5 11	24 38	2 20	26 7	2 53	10 3	0 42	18 24	1 7	5 44	2 17	14 59	0 24	20 47	1 34
W15	18 30	24 18	5 2	24 32	2 12	26 3	2 54	10 17	0 42	18 23	1 7	5 47	2 17	15 0	0 24	20 47	1 34
T 16	18 45	20 38	4 39	24 23	2 3	25 59	2 54	10 32	0 41	18 21	1 7	5 49	2 17	15 2	0 24	20 46	1 34
F 17	19 0	16 1	4 3	24 12	1 51	25 54	2 55	10 46	0 41	18 19	1 7	5 51	2 17	15 3	0 24	20 46	1 34
S 18	19 15	10 37	3 14	23 58	1 39	25 48	2 55	11 0	0 40	18 17	1 7	5 54	2 18	15 4	0 24	20 46	1 34
S 19	19 29	4 35	2 14	23 41	1 25	25 42	2 55	11 15	0 40	18 15	1 7	5 56	2 18	15 5	0 24	20 46	1 34
M20	19 43	1n50	1 5	23 21	1 9	25 35	2 55	11 29	0 40	18 14	1 7	5 58	2 18	15 6	0 24	20 46	1 34
T 21	19 56	8 24	0n11	22 58	0 52	25 27	2 55	11 43	0 39	18 12	1 6	6 0	2 18	15 7	0 24	20 45	1 34
W22	20 9	14 45	1 28	22 32	0 33	25 19	2 55	11 57	0 39	18 10	1 6	6 3	2 18	15 8	0 24	20 45	1 34
T 23	20 22	20 25	2 41	22 3	0 14	25 10	2 54	12 11	0 38	18 8	1 6	6 5	2 18	15 9	0 24	20 45	1 34
F 24	20 34	24 54	3 44	21 32	0n 6	25 0	2 53	12 25	0 38	18 7	1 6	6 7	2 18	15 11	0 24	20 45	1 34
S 25	20 46	27 39	4 32	20 59	0 27	24 50	2 53	12 38	0 37	18 5	1 6	6 9	2 19	15 12	0 24	20 44	1 34
S 26	20 58	28 20	5 0	20 25	0 47	24 39	2 52	12 52	0 37	18 3	1 6	6 11	2 19	15 13	0 24	20 44	1 34
M27	21 9	26 55	5 8	19 50	1 7	24 28	2 51	13 6	0 36	18 1	1 6	6 13	2 19	15 14	0 24	20 44	1 34
T 28	21 20	23 42	4 55	19 17	1 26	24 16	2 50	13 19	0 36	18 0	1 5	6 15	2 19	15 15	0 24	20 44	1 34
W29	21 30	19 8	4 24	18 45	1 43	24 4	2 48	13 33	0 35	17 58	1 5	6 17	2 19	15 16	0 24	20 44	1 34
T 30	21s40	13n42	3n39	18s16	1n58	23s51	2s47	13s46	0n35	17n56	1 s 5	6s19	2n19	15s17	0n24	20n43	1s34

Julian Day Number = 2412768.5, Delta T = -4.92 sec

Ecliptic obliquity = 23°27'20, Nutation = - 0°00'06, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 23°15'28, Lahiri = 22°22'28

ASTRODIENST EPHEMERIS for the year 1893
geocentric

DECEMBER 1893

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 40 18	9♂ 3'43	16♂38	29°R 3	26♂13	9♂ 5	24°R42	21♂50	12♂45	12°R14	9°R49	18°Y27	16°Y49	26♂46	19♂57	F 1
S 2	4 44 14	10° 4'35	29°34	28♂12	27°16	9°45	24♂34	21°56	12°48	12°II13	9°II48	18°28	16°46	26°53	20° 1	S 2
S 3	4 48 11	11° 5'28	12♂12	27°32	28°18	10°25	24°27	22° 2	12°52	12°11	9°47	18°R29	16°43	27° 0	20° 4	S 3
M 4	4 52 7	12° 6'23	24°35	27° 4	29°21	11° 5	24°19	22° 7	12°55	12° 9	9°46	18°29	16°40	27° 6	20° 8	M 4
T 5	4 56 4	13° 7'19	6♂46	26°47	0♂22	11°45	24°12	22°13	12°58	12° 7	9°44	18°27	16°36	27°13	20°12	T 5
W 6	5 0 1	14° 8'17	18°50	26°D41	1°24	12°25	24° 5	22°18	13° 2	12° 6	9°43	18°23	16°33	27°20	20°15	W 6
T 7	5 3 57	15° 9'15	0♂48	26°46	2°25	13° 5	23°58	22°24	13° 5	12° 4	9°42	18°16	16°30	27°26	20°19	T 7
F 8	5 7 54	16°10'14	12°42	27° 0	3°26	13°46	23°51	22°29	13° 8	12° 2	9°41	18° 6	16°27	27°33	20°22	F 8
S 9	5 11 50	17°11'15	24°34	27°23	4°26	14°26	23°44	22°34	13°12	12° 1	9°40	17°54	16°24	27°40	20°25	S 9
S 10	5 15 47	18°12'16	6♂26	27°54	5°26	15° 6	23°37	22°40	13°15	11°59	9°39	17°42	16°21	27°47	20°28	S 10
M 11	5 19 43	19°13'18	18°18	28°32	6°25	15°46	23°30	22°45	13°18	11°57	9°38	17°30	16°17	27°53	20°31	M 11
T 12	5 23 40	20°14'21	0♂13	29°16	7°24	16°27	23°24	22°50	13°21	11°56	9°37	17°19	16°14	28° 0	20°34	T 12
W 13	5 27 36	21°15'24	12°12	0♂ 7	8°23	17° 7	23°17	22°55	13°25	11°54	9°35	17° 9	16°11	28° 7	20°36	W 13
T 14	5 31 33	22°16'28	24°20	1° 2	9°21	17°47	23°11	23° 0	13°28	11°52	9°34	17° 3	16° 8	28°13	20°39	T 14
F 15	5 35 30	23°17'32	6♂39	2° 1	10°19	18°28	23° 5	23° 4	13°31	11°51	9°33	16°59	16° 5	28°20	20°42	F 15
S 16	5 39 26	24°18'36	19°13	3° 4	11°16	19° 8	22°59	23° 9	13°34	11°49	9°32	16°D58	16° 1	28°27	20°44	S 16
S 17	5 43 23	25°19'41	2°Y 8	4°11	12°12	19°48	22°53	23°14	13°37	11°47	9°31	16°58	15°58	28°34	20°46	S 17
M 18	5 47 19	26°20'46	15°28	5°20	13° 8	20°29	22°48	23°18	13°40	11°46	9°30	16°R58	15°55	28°40	20°48	M 18
T 19	5 51 16	27°21'51	29°15	6°32	14° 3	21° 9	22°42	23°23	13°43	11°44	9°29	16°58	15°52	28°47	20°50	T 19
W 20	5 55 12	28°22'57	13♂31	7°47	14°58	21°50	22°37	23°27	13°46	11°42	9°28	16°55	15°49	28°54	20°52	W 20
T 21	5 59 9	29°24'03	28°14	9° 3	15°52	22°30	22°32	23°32	13°49	11°41	9°27	16°50	15°46	29° 0	20°54	T 21
F 22	6 3 5	0♂25'09	13°II21	10°21	16°45	23°11	22°27	23°36	13°52	11°39	9°26	16°42	15°42	29° 7	20°56	F 22
S 23	6 7 2	1°26'15	28°41	11°40	17°38	23°51	22°22	23°40	13°55	11°38	9°25	16°32	15°39	29°14	20°57	S 23
S 24	6 10 59	2°27'22	14♂ 3	13° 1	18°30	24°32	22°17	23°44	13°57	11°36	9°23	16°21	15°36	29°21	20°59	S 24
M 25	6 14 55	3°28'30	29°16	14°23	19°21	25°12	22°13	23°48	14° 0	11°34	9°22	16°10	15°33	29°27	21° 0	M 25
T 26	6 18 52	4°29'37	14♂ 9	15°46	20°11	25°53	22° 9	23°52	14° 3	11°33	9°21	16° 0	15°30	29°34	21° 1	T 26
W 27	6 22 48	5°30'45	28°35	17°10	21° 1	26°33	22° 5	23°56	14° 6	11°31	9°20	15°53	15°27	29°41	21° 2	W 27
T 28	6 26 45	6°31'54	12♂30	18°35	21°49	27°14	22° 1	24° 0	14° 8	11°30	9°19	15°49	15°23	29°48	21° 3	T 28
F 29	6 30 41	7°33'02	25°56	20° 1	22°37	27°55	21°57	24° 3	14°11	11°28	9°18	15°47	15°20	29°54	21° 4	F 29
S 30	6 34 38	8°34'12	8♂55	21°27	23°24	28°35	21°50	24° 7	14°13	11°27	9°17	15°47	15°17	0♂ 8	21° 5	S 30
S 31	6 38 35	9♂35'21	21♂31	22♂54	24♂10	29♂16	21♂50	24♂11	14♂16	11°II25	9°II16	15°Y47	15°Y14	0♂ 8	21♂ 6	S 31

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21s49	7n47	2n43	17s50	2n11	23s37	2s45	13s59	0n35	17n54	1 s 5	6s21	2n20	15s18	0n24	20n43	1s34	10n49	11s14	7n14	6n37	28s15	0s33	4s56	
S 2	21 59	1 42	1 40	17 29	2 21	23 23	2 43	14 12	0 34	17 53	1 5	6 23	2 20	15 19	0 24	20 43	1 34	10 49	11 14	7 15	6 36	28 15	0 35	4 56	
S 3	22 7	4s18	0 34	17 11	2 30	23 9	2 41	14 25	0 34	17 51	1 5	6 25	2 20	15 20	0 24	20 43	1 34	10 49	11 14	7 15	6 34	28 16	0 37	4 56	
M 4	22 15	10 2	0s33	16 59	2 36	22 53	2 39	14 38	0 33	17 49	1 4	6 27	2 20	15 21	0 24	20 43	1 34	10 49	11 14	7 15	6 33	28 16	0 38	4 57	
T 5	22 23	15 18	1 36	16 51	2 41	22 38	2 37	14 51	0 33	17 48	1 4	6 29	2 20	15 22	0 24	20 42	1 34	10 49	11 14	7 14	6 32	28 17	0 40	4 57	
W 6	22 31	19 55	2 35	16 47	2 43	22 22	2 34	15 4	0 32	17 46	1 4	6 31	2 20	15 23	0 24	20 42	1 34	10 48	11 14	7 13	6 31	28 17	0 42	4 57	
T 7	22 38	23 41	3 26	16 47	2 44	22 5	2 31	15 17	0 32	17 45	1 4	6 33	2 21	15 24	0 24	20 42	1 34	10 48	11 14	7 10	6 29	28 18	0 43	4 58	
F 8	22 44	26 26	4 8	16 51	2 44	21 48	2 28	15 29	0 31	17 43	1 4	6 35	2 21	15 25	0 24	20 42	1 34	10 48	11 14	7 6	6 28	28 18	0 45	4 58	
S 9	22 50	27 59	4 38	16 58	2 42	21 31	2 25	15 42	0 31	17 42	1 3	6 36	2 21	15 26	0 24	20 41	1 34	10 48	11 14	7 2	6 27	28 18	0 46	4 58	
S 10	22 56	28 15	4 57	17 8	2 39	21 13	2 22	15 54	0 30	17 40	1 3	6 38	2 21	15 27	0 24	20 41	1 34	10 48	11 14	6 57	6 26	28 19	0 48	4 59	
M11	23 1	27 12	5 3	17 20	2 35	20 55	2 19	16 6	0 30	17 39	1 3	6 40	2 21	15 28	0 24	20 41	1 34	10 48	11 14	6 52	6 25	28 19	0 49	4 59	
T 12	23 6	24 55	4 55	17 34	2 30	20 36	2 15	16 18	0 29	17 37	1 3	6 41	2 22	15 29	0 24	20 41	1 34	10 48	11 14	6 48	6 23	28 20	0 51	4 59	
W13	23 10	21 32	4 35	17 50	2 25	20 17	2 11	16 30	0 29	17 36	1 2	6 43	2 22	15 30	0 24	20 41	1 34	10 48	11 13	6 45	6 22	28 20	0 52	5 0	
T 14	23 14	17 13	4 2	18 7	2 19	19 58	2 7	16 42	0 28	17 35	1 2	6 45	2 22	15 31	0 24	20 40	1 34	10 48	11 13	6 42	6 21	28 20	0 54	5 0	
F 15	23 17	12 8	3 17	18 25	2 12	19 38	2 3	16 54	0 27	17 33	1 2	6 46	2 22	15 32	0 24	20 40	1 34	10 48	11 13	6 41	6 20	28 21	0 55	5 1	
S 16	23 20	6 26	2 22	18 44	2 5	19 18	1 58	17 5	0 27	17 32	1 2	6 48	2 23	15 33	0 24	20 40	1 34	10 48	11 13	6 40	6 18	28 21	0 56	5 1	
S 17	23 22	0 20	1 18	19 4	1 58	18 58	1 54	17 17	0 26	17 31	1 2	6 49	2 23	15 34	0 24	20 40	1 34	10 48	11 13	6 40	6 17	28 21	0 57	5 1	
M18	23 24	5n58	0 8	19 24	1 51	18 37	1 49	17 28	0 26	17 30	1 1	6 51	2 23	15 35	0 24	20 40	1 34	10 48	11 13	6 40	6 16	28 22	0 59	5 2	
T 19	23 26	12 13	1n 5	19 44	1 43	18 16	1 44	17 39	0 25	17 29	1 1	6 52	2 23	15 35	0 24	20 39	1 34	10 48	11 13	6 40	6 15	28 22	1 0	5 2	
W20	23 27	18 4	2 16	20 3	1 35	17 55	1 38	17 50	0 25	17 27	1 1	6 54	2 23	15 36	0 24	20 39	1 34	10 48	11 13	6 39	6 14	28 22	1 1	5 2	
T 21	23 27	23 2	3 20	20 23	1 27	17 34	1 33	18 1	0 24	17 26	1 1	6 55	2 24	15 37	0 24	20 39	1 34	10 48	11 13	6 37	6 12	28 23	1 2	5 3	
F 22	23 27	26 35	4 12	20 43	1 19	17 12	1 27	18 12	0 24	17 25	1 0	6 56	2 24	15 38	0 24	20 39	1 34	10 47	11 12	6 34	6 11	28 23	1 3	5 3	
S 23	23 27	28 13	4 46	21 2	1 11	16 51	1 21	18 23	0 23	17 24	1 0	6 58	2 24	15 39	0 24	20 39	1 34	10 47	11 12	6 30	6 10	28 23	1 4	5 3	
S 24	23 26	27 42	5 0	21 20	1 3	16 29	1 15	18 33	0 22	17 23	1 0	6 59	2 24	15 40	0 24	20 38	1 34	10 47	11 12	6 26	6 9	28 24	1 5	5 4	
M25	23 25	25 5	4 53	21 38	0 55	16 7	1 8	18 43	0 22	17 23	1 0	7 0	2 25	15 41	0 24	20 38	1 34	10 47	11 12	6 22	6 7	28 24	1 5	5 4	
T 26	23 23	20 50	4 26	21 55	0 47	15 45	1 2	18 54	0 21	17 22	0 59	7 1	2 25	15 41	0 24	20 38	1 34	10 47	11 12	6 18	6 6	28 24	1 6	5 4	
W27	23 20	15 26	3 42	22 11	0 39	15 22	0 55	19 4	0 21	17 21	0 59	7 3	2 25	15 42	0 24	20 38	1 34	10 47	11 12	6 15	6 5	28 24	1 7	5 5	
T 28	23 18	9 26	2 46	22 27	0 31	15 0	0 48	19 14	0 20	17 20	0 59	7 4	2 25	15 43	0 24	20 38	1 34	10 47	11 12	6 14	6 4	28 25	1 8	5 5	
F 29	23 14	3 11	1 43	22 42	0 23	14 37	0 40	19 24	0 19	17 20	0 58	7 5	2 26	15 44	0 24	20 38	1 34	10 47	11 11	6 13	6 3	28 25	1 8	5 5	
S 30	23 11	2s59	0 36	22 55	0 16	14 15	0 33	19 33	0 19	17 19	0 58	7 6	2 26	15 44	0 24	20 37	1 34	10 47	11 11	6 13	6 1	28 25	1 9	5 6	
S 31	23s 7	8s52	0s30	23s 8	0n 8	13s52	0s25	19s43	0n18	17n18	0s58	7s 7	2n26	15s45	0n24	20n37	1s34	10n47	11s11	6n13	6n 0	28s25	1s 9	5s 6	