



Astrodienst Ephemeris Tables for the year 1903

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 1903

geocentric

JANUARY 1903

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 37 53	9°24'15	2°19	20°340	17°319	5°2	18°20	27°347	22°732	2°R 7	18°R18	21°R38	21°10	6°19	15°20	T 1	
F 2	6 41 49	10°25'26	14°18	22°17	18°34	5°26	18°33	27°54	22°36	2°5	18°17	21°26	21°7	6°26	15°26	F 2	
S 3	6 45 46	11°26'36	26°22	23°54	19°50	5°50	18°46	28°0	22°39	2°4	18°16	21°15	21°4	6°32	15°32	S 3	
S 4	6 49 42	12°27'47	8°34	25°31	21°5	6°13	18°59	28°7	22°43	2°2	18°15	21°8	21°1	6°39	15°38	S 4	
M 5	6 53 39	13°28'57	20°57	27°7	22°21	6°36	19°12	28°14	22°46	2°0	18°14	21°4	20°58	6°46	15°43	M 5	
T 6	6 57 35	14°30'07	3°35	28°43	23°36	6°58	19°25	28°21	22°50	1°59	18°13	21°2	20°55	6°53	15°49	T 6	
W 7	7 1 32	15°31'16	16°34	0°18	24°51	7°21	19°38	28°28	22°53	1°57	18°12	21°2	20°51	6°59	15°55	W 7	
T 8	7 5 29	16°32'25	29°55	1°52	26°7	7°43	19°51	28°35	22°57	1°55	18°11	21°2	20°48	7°6	16°0	T 8	
F 9	7 9 25	17°33'34	13°43	3°25	27°22	8°4	20°4	28°42	23°0	1°54	18°10	21°1	20°45	7°13	16°6	F 9	
S 10	7 13 22	18°34'42	28°0	4°57	28°37	8°25	20°18	28°49	23°3	1°52	18°9	20°57	20°42	7°20	16°12	S 10	
S 11	7 17 18	19°35'49	12°43	6°26	29°53	8°46	20°31	28°57	23°7	1°51	18°8	20°51	20°39	7°26	16°18	S 11	
M12	7 21 15	20°36'57	27°48	7°54	1°8	9°7	20°44	29°4	23°10	1°49	18°7	20°42	20°35	7°33	16°23	M12	
T 13	7 25 11	21°38'03	13°6	9°20	2°23	9°27	20°58	29°11	23°13	1°47	18°6	20°31	20°32	7°40	16°29	T 13	
W14	7 29 8	22°39'09	28°26	10°42	3°39	9°47	21°11	29°18	23°17	1°46	18°5	20°19	20°29	7°46	16°35	W14	
T 15	7 33 4	23°40'15	13°37	12°1	4°54	10°7	21°25	29°25	23°20	1°44	18°4	20°8	20°26	7°53	16°40	T 15	
F 16	7 37 1	24°41'21	28°27	13°15	6°9	10°26	21°38	29°32	23°23	1°43	18°3	19°59	20°23	8°0	16°46	F 16	
S 17	7 40 58	25°42'26	12°51	14°25	7°25	10°44	21°52	29°39	23°27	1°41	18°2	19°52	20°20	8°7	16°52	S 17	
S 18	7 44 54	26°43'30	26°44	15°29	8°40	11°3	22°6	29°46	23°30	1°40	18°1	19°48	20°16	8°13	16°58	S 18	
M19	7 48 51	27°44'35	10°2	16°26	9°55	11°21	22°20	29°53	23°33	1°38	18°0	19°46	20°13	8°20	17°3	M19	
T 20	7 52 47	28°45'39	23°2	17°16	11°10	11°38	22°33	0°1	23°36	1°37	18°0	19°46	20°10	8°27	17°9	T 20	
W21	7 56 44	29°46'42	5°35	17°58	12°26	11°55	22°47	0°8	23°39	1°35	17°59	19°46	20°7	8°33	17°14	W21	
T 22	8 0 40	0°47'46	17°50	18°31	13°41	12°12	23°1	0°15	23°42	1°34	17°58	19°45	20°4	8°40	17°20	T 22	
F 23	8 4 37	1°48'49	29°53	18°55	14°56	12°28	23°15	0°22	23°45	1°32	17°57	19°42	20°1	8°47	17°26	F 23	
S 24	8 8 33	2°49'51	11°47	19°7	16°11	12°44	23°29	0°29	23°48	1°31	17°56	19°36	19°57	8°54	17°31	S 24	
S 25	8 12 30	3°50'53	23°38	19°R 9	17°26	12°59	23°43	0°36	23°51	1°30	17°55	19°27	19°54	9°0	17°37	S 25	
M26	8 16 27	4°51'54	5°28	18°59	18°42	13°14	23°57	0°43	23°54	1°28	17°55	19°15	19°51	9°7	17°42	M26	
T 27	8 20 23	5°52'55	17°21	18°38	19°57	13°28	24°11	0°50	23°57	1°27	17°54	19°2	19°48	9°14	17°48	T 27	
W28	8 24 20	6°53'55	29°17	18°5	21°12	13°42	24°25	0°58	24°0	1°26	17°53	18°48	19°45	9°20	17°53	W28	
T 29	8 28 16	7°54'53	11°18	17°22	22°27	13°55	24°39	1°5	24°3	1°24	17°53	18°34	19°41	9°27	17°59	T 29	
F 30	8 32 13	8°55'51	23°25	16°30	23°42	14°8	24°53	1°12	24°6	1°23	17°52	18°21	19°38	9°34	18°4	F 30	
S 31	8 36 9	9°56'48	5°40	15°29	24°57	14°20	25°8	1°19	24°9	1°22	17°51	18°12	19°35	9°41	18°10	S 31	

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23s 7	14s52	4n55	24s 0	2s10	23s18	0s59	0n11	2n23	16s 7	0s49	20s53	0s16	23s21	0s 6	22n17	1s 9
F 2	23 2	12 8	4 37	23 43	2 9	23 10	1 1	0 3	2 24	16 3	0 49	20 51	0 16	23 21	0 6	22 17	1 8
S 3	22 57	8 52	4 6	23 25	2 7	23 1	1 3	0s 6	2 25	15 59	0 49	20 50	0 16	23 21	0 6	22 18	1 8
S 4	22 52	5 12	3 24	23 6	2 5	22 51	1 4	0 14	2 26	15 55	0 49	20 49	0 16	23 21	0 6	22 18	1 8
M 5	22 46	1 16	2 32	22 45	2 3	22 41	1 6	0 22	2 27	15 51	0 49	20 47	0 16	23 21	0 6	22 18	1 8
T 6	22 40	2n49	1 31	22 23	2 0	22 30	1 8	0 30	2 28	15 47	0 49	20 46	0 16	23 22	0 6	22 18	1 8
W 7	22 33	6 53	0 24	21 59	1 56	22 18	1 9	0 38	2 29	15 43	0 49	20 45	0 16	23 22	0 6	22 18	1 8
T 8	22 25	10 43	0s47	21 34	1 52	22 6	1 11	0 46	2 30	15 39	0 49	20 43	0 16	23 22	0 6	22 18	1 8
F 9	22 18	14 6	1 57	21 8	1 46	21 53	1 12	0 54	2 31	15 35	0 49	20 42	0 17	23 22	0 6	22 18	1 8
S 10	22 10	16 46	3 2	20 40	1 41	21 39	1 14	1 1	2 32	15 30	0 49	20 40	0 17	23 22	0 6	22 18	1 8
S 11	22 1	18 25	3 57	20 11	1 34	21 25	1 15	1 8	2 33	15 26	0 49	20 39	0 17	23 23	0 6	22 18	1 8
M12	21 52	18 49	4 37	19 41	1 26	21 10	1 17	1 16	2 34	15 22	0 49	20 38	0 17	23 23	0 6	22 18	1 8
T 13	21 43	17 52	4 58	19 11	1 18	20 54	1 18	1 23	2 35	15 18	0 49	20 36	0 17	23 23	0 6	22 18	1 8
W14	21 33	15 38	4 57	18 39	1 9	20 38	1 19	1 30	2 36	15 13	0 49	20 35	0 17	23 23	0 6	22 18	1 8
T 15	21 22	12 20	4 36	18 8	0 58	20 21	1 20	1 36	2 37	15 9	0 49	20 33	0 17	23 23	0 6	22 18	1 8
F 16	21 12	8 20	3 56	17 36	0 47	20 3	1 21	1 43	2 38	15 5	0 49	20 32	0 17	23 23	0 6	22 18	1 8
S 17	21 1	3 56	3 2	17 4	0 35	19 45	1 22	1 49	2 39	15 0	0 49	20 31	0 17	23 24	0 6	22 18	1 8
S 18	20 49	0s31	1 59	16 33	0 22	19 27	1 23	1 55	2 40	14 56	0 49	20 29	0 17	23 24	0 6	22 18	1 8
M19	20 37	4 47	0 51	16 2	0 8	19 7	1 24	2 2	2 41	14 51	0 49	20 28	0 17	23 24	0 6	22 18	1 8
T 20	20 25	8 42	0n17	15 33	0n 7	18 48	1 25	2 7	2 42	14 47	0 49	20 26	0 17	23 24	0 6	22 18	1 8
W21	20 12	12 5	1 23	15 5	0 23	18 27	1 26	2 13	2 43	14 42	0 49	20 25	0 17	23 24	0 6	22 18	1 8
T 22	19 59	14 52	2 23	14 39	0 40	18 7	1 27	2 19	2 44	14 38	0 49	20 23	0 17	23 24	0 6	22 18	1 8
F 23	19 46	16 57	3 15	14 15	0 57	17 45	1 27	2 24	2 45	14 33	0 49	20 22	0 17	23 25	0 7	22 18	1 8
S 24	19 32	18 16	3 58	13 55	1 15	17 24	1 28	2 29	2 46	14 29	0 49	20 20	0 18	23 25	0 7	22 18	1 8
S 25	19 18	18 47	4 31	13 37	1 33	17 1	1 29	2 34	2 47	14 24	0 49	20 19	0 18	23 25	0 7	22 18	1 8
M26	19 3	18 28	4 52	13 23	1 51	16 38	1 29	2 39	2 48	14 19	0 49	20 18	0 18	23 25	0 7	22 19	1 8
T 27	18 49	17 21	5 0	13 13	2 8	16 15	1 30	2 43	2 49	14 15	0 49	20 16	0 18	23 25	0 7	22 19	1 8
W28	18 33	15 29	4 56	13 7	2 25	15 52	1 30	2 48	2 50	14 10	0 50	20 15	0 18	23 25	0 7	22 19	1 8
T 29	18 18	12 56	4 38	13 4	2 41	15 27	1 30	2 52	2 51	14 5	0 50	20 13	0 18	23 26	0 7	22 19	1 8
F 30	18 2	9 50	4 7	13 6	2 56	15 3	1 31	2 56	2 52	14 1	0 50	20 12	0 18	23 26	0 7	22 19	1 8
S 31	17s46	6s16	3n25	13s12	3n 9	14s38	1s31	3s 0	2n53	13s56	0s50	20s10	0s18	23s26	0s 7	22n19	1s 8

Julian Day Number = 2416115.5, Delta T = 2.05 sec
 Ecliptic obliquity = 23°26'58, Nutation = 0°00'07, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 23°23'08, Lahiri = 22°30'09

ASTRODIENST EPHEMERIS for the year 1903
geocentric

FEBRUARY 1903

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 40 6	10 ⁵⁷ 44	18 ³⁸ 3	14 ²² 22	26 ²⁸ 12	14 ²² 32	25 ²⁸ 22	1 ²⁸ 26	24 ²⁷ 12	1 ²⁰ 20	17 ²⁰ 51	18 ²⁰ 5	19 ²⁰ 32	9 ²⁰ 47	18 ²⁰ 15	S 1
M 2	8 44 2	11 ⁵⁸ 38	0 ⁵⁷ 36	13 ²⁸ 11	27 ²⁸ 28	14 ²⁴ 43	25 ³⁰ 36	1 ³⁰ 33	24 ²⁸ 14	1 ²⁰ 19	17 ²¹ 50	18 ²¹ 1	19 ²¹ 29	9 ²¹ 54	18 ²¹ 20	M 2
T 3	8 47 59	12 ⁵⁹ 31	13 ²² 22	11 ⁵⁸ 28	28 ⁴³ 14	14 ⁵³ 25	25 ⁵⁰ 14	1 ⁴⁰ 24	24 ²⁷ 17	1 ¹⁸ 17	17 ⁴⁹ 17	17 ⁵⁹ 19	19 ²⁶ 26	10 ²⁶ 1	18 ²⁶ 1	T 3
W 4	8 51 56	14 ⁰ 23	26 ²² 10	10 ⁴⁴ 29	29 ⁵⁸ 15	3 ²⁶ 5	26 ⁵ 14	1 ⁴⁷ 24	24 ²⁰ 20	1 ¹⁷ 17	17 ⁴⁹ 17	17 ⁵⁹ 19	19 ²² 22	10 ²² 8	18 ²² 8	W 4
T 5	8 55 52	15 ¹ 13	9 ³⁸ 41	9 ³³ 11	1 ¹³ 13	15 ¹³ 26	26 ¹⁹ 15	1 ⁵⁴ 24	24 ²³ 16	1 ¹⁶ 17	17 ⁴⁸ 18	18 ²⁰ 0	19 ¹⁹ 19	10 ¹⁴ 18	18 ³⁶ 18	T 5
F 6	8 59 49	16 ² 02	23 ²¹ 8	8 ²⁵ 2	2 ²⁸ 15	15 ²² 26	26 ³³ 2	2 ¹ 24	24 ²⁵ 1	1 ¹⁵ 17	17 ⁴⁸ 18	18 ²⁰ 0	19 ¹⁶ 16	10 ²¹ 18	18 ⁴² 18	F 6
S 7	9 3 45	17 ² 49	7 ²² 23	7 ²³ 3	3 ⁴³ 15	15 ³⁰ 26	26 ⁴⁷ 2	2 ⁸ 24	24 ²⁸ 1	1 ¹³ 17	17 ⁴⁷ 17	17 ⁵⁸ 19	19 ¹³ 13	10 ²⁸ 18	18 ⁴⁷ 18	S 7
S 8	9 7 42	18 ³ 35	21 ⁴⁸ 6	6 ²⁶ 4	4 ⁵⁷ 15	15 ³⁷ 27	2 ² 2	2 ¹⁵ 24	24 ³⁰ 1	1 ¹² 17	17 ⁴⁷ 17	17 ⁵⁴ 19	19 ¹⁰ 10	10 ³⁴ 18	18 ⁵² 18	S 8
M 9	9 11 38	19 ⁴ 19	6 ²³ 36	5 ³⁷ 6	6 ¹² 15	15 ⁴⁴ 27	2 ¹⁶ 2	2 ²² 24	24 ³³ 1	1 ¹¹ 17	17 ⁴⁶ 17	17 ⁴⁷ 19	19 ⁷ 10	10 ⁴¹ 18	18 ⁵⁷ 18	M 9
T 10	9 15 35	20 ⁵ 02	21 ³⁰ 4	4 ⁵⁶ 7	7 ²⁷ 15	15 ⁵¹ 27	2 ³¹ 2	2 ²⁹ 24	24 ³⁵ 1	1 ¹⁰ 17	17 ⁴⁶ 17	17 ³⁹ 19	19 ³ 3	10 ⁴⁸ 19	18 ³¹ 19	T 10
W 11	9 19 31	21 ⁵ 43	6 ²³ 34	4 ²³ 8	8 ⁴² 15	15 ⁵⁶ 27	2 ⁴⁵ 2	2 ³⁶ 24	24 ³⁸ 1	1 ⁹ 17	17 ⁴⁵ 17	17 ³⁰ 19	19 ⁰ 0	10 ⁵⁵ 19	18 ³⁶ 19	W 11
T 12	9 23 28	22 ⁶ 23	21 ³³ 3	3 ⁵⁸ 9	9 ⁵⁷ 16	1 ⁶ 1	2 ⁵⁹ 2	2 ⁴³ 24	24 ⁴⁰ 1	1 ⁸ 17	17 ⁴⁵ 17	17 ²¹ 18	18 ⁵⁷ 11	1 ¹ 19	19 ¹² 19	T 12
F 13	9 27 25	23 ⁷ 01	6 ²⁹ 19	3 ⁴¹ 11	11 ¹² 16	1 ⁶ 1	2 ⁸ 14	2 ⁵⁰ 24	24 ⁴² 1	1 ⁸ 17	17 ⁴⁴ 17	17 ¹⁴ 18	18 ⁵⁴ 11	1 ⁸ 19	19 ¹⁷ 19	F 13
S 14	9 31 21	24 ⁷ 38	20 ⁴³ 3	3 ³² 12	2 ²⁶ 16	1 ⁶ 9	2 ²⁸ 28	2 ⁵⁶ 24	24 ⁴⁵ 1	1 ⁷ 17	17 ⁴⁴ 17	17 ⁸ 18	18 ⁵¹ 11	1 ¹⁵ 19	19 ²² 19	S 14
S 15	9 35 18	25 ⁸ 14	4 ²⁴ 40	3 ³⁰ 13	13 ⁴¹ 16	1 ⁶ 12	2 ²⁸ 43	3 ³ 24	24 ⁴⁷ 1	1 ⁶ 17	17 ⁴⁴ 17	17 ⁶ 18	18 ⁴⁷ 11	1 ²¹ 19	19 ²⁷ 19	S 15
M 16	9 39 14	26 ⁸ 48	18 ¹⁰ 3	3 ³⁵ 14	14 ⁵⁶ 16	1 ¹⁵ 15	2 ²⁸ 57	3 ¹⁰ 24	24 ⁴⁹ 1	1 ⁵ 17	17 ⁴³ 17	17 ⁵ 18	18 ⁴⁴ 11	1 ²⁸ 19	19 ³² 19	M 16
T 17	9 43 11	27 ⁹ 21	1 ²³ 13	3 ⁴⁷ 16	16 ¹¹ 16	1 ¹⁶ 16	2 ²⁹ 12	3 ¹⁷ 24	24 ⁵¹ 1	1 ⁴ 17	17 ⁴³ 17	17 ⁵ 18	18 ⁴¹ 11	1 ³⁵ 19	19 ³⁷ 19	T 17
W 18	9 47 7	28 ⁹ 53	13 ⁵³ 4	4 ⁴ 17	17 ²⁵ 16	1 ¹⁷ 17	2 ²⁹ 26	3 ²³ 24	24 ⁵³ 1	1 ³ 17	17 ⁴³ 17	17 ⁷ 18	18 ³⁸ 11	1 ⁴² 19	19 ⁴² 19	W 18
T 19	9 51 4	29 ¹⁰ 24	26 ¹³ 4	4 ²⁸ 18	18 ⁴⁰ 16	1 ¹⁷ 17	2 ²⁹ 40	3 ³⁰ 24	24 ⁵⁵ 1	1 ³ 17	17 ⁴² 17	17 ⁸ 18	18 ³⁵ 11	1 ⁴⁸ 19	19 ⁴⁷ 19	T 19
F 20	9 55 0	0 ¹⁰ 53	8 ²⁷ 18	4 ⁵⁷ 19	19 ⁵⁵ 16	1 ¹⁷ 17	2 ²⁹ 55	3 ³⁷ 24	24 ⁵⁷ 1	1 ² 17	17 ⁴² 17	17 ⁷ 18	18 ³² 11	1 ⁵⁵ 19	19 ⁵¹ 19	F 20
S 21	9 58 57	1 ¹¹ 21	20 ¹⁴ 5	5 ³⁰ 21	2 ⁹ 16	1 ¹⁵ 15	0 ¹¹ 9	3 ⁴³ 24	24 ⁵⁹ 1	1 ¹ 17	17 ⁴² 17	17 ⁵ 18	18 ²⁸ 12	2 ² 19	19 ⁵⁶ 19	S 21
S 22	10 2 54	2 ¹¹ 48	2 ³ 5	6 ⁹ 22	2 ²⁴ 16	1 ¹³ 16	0 ²⁴ 3	3 ⁵⁰ 25	2 ⁵ 1	1 ¹ 17	17 ⁴² 17	17 ¹ 18	18 ²⁵ 12	2 ⁹ 20	2 ¹ 20	S 22
M 23	10 6 50	3 ¹² 13	13 ⁵⁶ 6	6 ⁵¹ 23	2 ³⁸ 16	1 ¹⁰ 16	0 ³⁸ 3	3 ⁵⁷ 25	2 ³ 1	1 ⁰ 17	17 ⁴¹ 16	16 ⁵⁵ 18	18 ²² 12	2 ¹⁵ 20	2 ⁵ 20	M 23
T 24	10 10 47	4 ¹² 37	2 ⁵¹ 7	7 ³⁷ 24	2 ⁵³ 16	1 ⁶ 16	0 ⁵³ 4	4 ³ 25	2 ⁵ 0	0 ⁵⁹ 17	17 ⁴¹ 16	16 ⁴⁷ 18	18 ¹⁹ 12	2 ²² 20	2 ¹⁰ 20	T 24
W 25	10 14 43	5 ¹³ 00	7 ²⁸ 51	8 ²⁷ 26	7 ¹⁶ 2	1 ⁶ 2	1 ⁷ 4	4 ¹⁰ 25	2 ⁷ 0	0 ⁵⁹ 17	17 ⁴¹ 16	16 ³⁹ 18	18 ¹⁶ 12	2 ²⁹ 20	2 ¹⁴ 20	W 25
T 26	10 18 40	6 ¹³ 20	2 ⁰ 0	9 ²⁰ 27	2 ²² 15	1 ⁵⁷ 1	1 ²² 4	4 ¹⁶ 25	2 ⁹ 0	0 ⁵⁸ 17	17 ⁴¹ 16	16 ³¹ 18	18 ¹³ 12	2 ³⁵ 20	2 ¹⁹ 20	T 26
F 27	10 22 36	7 ¹³ 39	2 ¹¹ 19	10 ¹⁶ 28	2 ³⁶ 15	1 ⁵¹ 1	1 ³⁶ 4	4 ²² 25	2 ¹⁰ 0	0 ⁵⁸ 17	17 ⁴¹ 16	16 ²⁴ 18	18 ⁹ 12	2 ⁴² 20	2 ²³ 20	F 27
S 28	10 26 33	8 ¹³ 57	14 ¹⁸ 48	11 ¹⁵ 29	1 ⁵¹ 15	1 ⁵⁴ 15	1 ¹¹ 50	4 ²⁹ 25	2 ¹² 0	0 ⁵⁷ 17	17 ⁴¹ 16	16 ¹⁹ 18	18 ⁶ 12	2 ⁴⁹ 20	2 ²⁸ 20	S 28

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	17s29	2s24	2n32	13s20	3n20	14s13	1s31	3s 3	2n54	13s51	0s50	20s 9	0s18	23s26	0s 7	22n19
M 2	17 12	1n38	1 31	13 32	3 28	13 47	1 31	3 7	2 55	13 46	0 50	20 7	0 18	23 26	0 7	22 19
T 3	16 55	5 39	0 25	13 46	3 35	13 21	1 31	3 10	2 56	13 42	0 50	20 6	0 18	23 26	0 7	22 19
W 4	16 38	9 29	0s45	14 2	3 39	12 54	1 31	3 13	2 57	13 37	0 50	20 4	0 18	23 26	0 7	22 19
T 5	16 20	12 56	1 53	14 20	3 40	12 28	1 31	3 15	2 58	13 32	0 50	20 3	0 18	23 26	0 7	22 19
F 6	16 2	15 46	2 57	14 38	3 39	12 0	1 30	3 18	2 59	13 27	0 50	20 1	0 19	23 27	0 7	22 19
S 7	15 44	17 44	3 52	14 57	3 36	11 33	1 30	3 20	3 0	13 22	0 50	20 0	0 19	23 27	0 7	22 19
S 8	15 25	18 38	4 34	15 16	3 31	11 5	1 30	3 22	3 1	13 17	0 50	19 58	0 19	23 27	0 7	22 19
M 9	15 7	18 19	4 59	15 35	3 24	10 37	1 29	3 24	3 2	13 12	0 50	19 57	0 19	23 27	0 7	22 19
T 10	14 48	16 44	5 4	15 53	3 15	10 9	1 29	3 25	3 3	13 8	0 50	19 55	0 19	23 27	0 7	22 19
W 11	14 28	13 59	4 48	16 10	3 6	9 40	1 28	3 26	3 4	13 3	0 50	19 54	0 19	23 27	0 7	22 19
T 12	14 9	10 20	4 13	16 26	2 56	9 12	1 28	3 28	3 5	12 58	0 50	19 52	0 19	23 27	0 7	22 19
F 13	13 49	6 6	3 21	16 40	2 44	8 42	1 27	3 28	3 6	12 53	0 50	19 51	0 19	23 27	0 7	22 19
S 14	13 29	1 35	2 17	16 54	2 33	8 13	1 26	3 29	3 7	12 48	0 50	19 49	0 19	23 27	0 7	22 19
S 15	13 9	2s52	1 6	17 6	2 21	7 44	1 25	3 29	3 8	12 43	0 50	19 48	0 19	23 28	0 7	22 19
M 16	12 48	7 2	0n 6	17 17	2 8	7 14	1 24	3 29	3 9	12 38	0 50	19 46	0 19	23 28	0 7	22 20
T 17	12 28	10 44	1 15	17 26	1 56	6 44	1 23	3 29	3 10	12 33	0 50	19 45	0 19	23 28	0 7	22 20
W 18	12 7	13 48	2 19	17 34	1 43	6 14	1 22	3 28	3 11	12 28	0 50	19 43	0 20	23 28	0 7	22 20
T 19	11 46	16 9	3 15	17 41	1 31	5 44	1 21	3 28	3 11	12 23	0 51	19 42	0 20	23 28	0 7	22 20
F 20	11 25	17 44	4 1	17 46	1 18	5 13	1 20	3 27	3 12	12 18	0 51	19 40	0 20	23 28	0 7	22 20
S 21	11 3	18 31	4 35	17 50	1 6	4 43	1 19	3 25	3 13	12 13	0 51	19 39	0 20	23 28	0 7	22 20
S 22	10 42	18 28	4 58	17 52	0 54	4 12	1 17	3 24	3 14	12 8	0 51	19 37	0 20	23 28	0 7	22 20
M 23	10 20	17 37	5 8	17 53	0 43	3 41	1 16	3 22	3 15	12 3	0 51	19 36	0 20	23 28	0 7	22 20
T 24	9 58	16 0	5 5	17 52	0 31	3 11	1 15	3 20	3 15	11 58	0 51	19 35	0 20	23 28	0 7	22 20
W 25	9 36	13 40	4 48	17 50	0 20	2 40	1 13	3 18	3 16	11 52	0 51	19 33	0 20	23 29	0 7	22 20
T 26	9 14	10 44	4 18	17 47	0 9	2 9	1 12	3 15	3 17	11 47	0 51	19 32	0 20	23 29	0 7	22 20
F 27	8 52	7 18	3 36	17 42	0s 1	1 38	1 10	3 12	3 17	11 42	0 51	19 30	0 20	23 29	0 7	22 20
S 28	8s29	3s30	2n42	17s35	0s11	1s 6	1s 8	3s 9	3n18	11s37	0s51	19s29	0s20	23s29	0s 7	22n20

Julian Day Number = 2416146.5, Delta T = 2.17 sec
Ecliptic obliquity = 23°26'58", Nutation = 0°00'07", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°23'12", Lahiri = 22°30'13"

ASTRODIENST EPHEMERIS for the year 1903

geocentric

MARCH 1903

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 30 29	9♏14'12	27♏28	12♏17	1♏ 5	15°R36	2♏ 5	4♏35	25♏14	0°R57	17°R41	16°R15	18♏ 3	12♏56	20♏32	S 1
M 2	10 34 26	10°14'26	10°V20	13°21	2°19	15♏28	2°19	4°41	25°15	0♏56	17°II41	16°D13	18° 0	13° 2	20°36	M 2
T 3	10 38 23	11°14'37	23°23	14°28	3°34	15°19	2°34	4°48	25°17	0°56	17°D41	16♏13	17°57	13° 9	20°40	T 3
W 4	10 42 19	12°14'47	6♏40	15°36	4°48	15° 9	2°48	4°54	25°18	0°56	17°41	16°15	17°53	13°16	20°44	W 4
T 5	10 46 16	13°14'55	20° 9	16°47	6° 2	14°58	3° 2	5° 0	25°20	0°55	17°41	16°16	17°50	13°22	20°48	T 5
F 6	10 50 12	14°15'00	3II53	18° 0	7°16	14°47	3°17	5° 6	25°21	0°55	17°41	16°18	17°47	13°29	20°53	F 6
S 7	10 54 9	15°15'04	17°51	19°14	8°30	14°34	3°31	5°12	25°22	0°55	17°41	16°R18	17°44	13°36	20°56	S 7
S 8	10 58 5	16°15'05	2♏ 3	20°30	9°44	14°21	3°45	5°18	25°24	0°55	17°41	16°17	17°41	13°43	21° 0	S 8
M 9	11 2 2	17°15'04	16°27	21°48	10°58	14° 8	3°59	5°24	25°25	0°55	17°41	16°15	17°38	13°49	21° 4	M 9
T 10	11 5 58	18°15'01	0♏59	23° 8	12°12	13°53	4°14	5°30	25°26	0°55	17°41	16°11	17°34	13°56	21° 8	T 10
W11	11 9 55	19°14'55	15°35	24°29	13°26	13°38	4°28	5°36	25°27	0°54	17°41	16° 7	17°31	14° 3	21°12	W11
T 12	11 13 51	20°14'48	0♏ 8	25°51	14°40	13°23	4°42	5°41	25°28	0°54	17°41	16° 4	17°28	14°10	21°15	T 12
F 13	11 17 48	21°14'38	14°31	27°15	15°54	13° 6	4°56	5°47	25°29	0°D54	17°42	16° 0	17°25	14°16	21°19	F 13
S 14	11 21 45	22°14'26	28°40	28°41	17° 8	12°49	5°10	5°53	25°30	0°54	17°42	15°58	17°22	14°23	21°23	S 14
S 15	11 25 41	23°14'13	12♏28	0♏ 8	18°22	12°31	5°25	5°58	25°31	0°54	17°42	15°D57	17°18	14°30	21°26	S 15
M16	11 29 38	24°13'57	25°55	1°36	19°35	12°13	5°39	6° 4	25°32	0°54	17°42	15°58	17°15	14°36	21°29	M16
T 17	11 33 34	25°13'40	8♏59	3° 6	20°49	11°54	5°53	6° 9	25°33	0°55	17°43	15°59	17°12	14°43	21°33	T 17
W18	11 37 31	26°13'21	21°41	4°36	22° 3	11°35	6° 7	6°15	25°33	0°55	17°43	16° 0	17° 9	14°50	21°36	W18
T 19	11 41 27	27°13'00	4♏ 6	6° 9	23°16	11°15	6°21	6°20	25°34	0°55	17°43	16° 2	17° 6	14°57	21°39	T 19
F 20	11 45 24	28°12'38	16°15	7°42	24°30	10°54	6°35	6°26	25°35	0°55	17°44	16° 3	17° 3	15° 3	21°43	F 20
S 21	11 49 20	29°12'14	28°14	9°17	25°43	10°33	6°49	6°31	25°35	0°55	17°44	16°R 3	16°59	15°10	21°46	S 21
S 22	11 53 17	0♏11'48	10♏ 8	10°53	26°57	10°12	7° 2	6°36	25°36	0°56	17°44	16° 3	16°56	15°17	21°49	S 22
M23	11 57 14	1°11'20	22° 0	12°31	28°10	9°50	7°16	6°41	25°36	0°56	17°45	16° 2	16°53	15°24	21°52	M23
T 24	12 1 10	2°10'51	3♏56	14° 9	29°24	9°28	7°30	6°46	25°37	0°56	17°45	16° 0	16°50	15°30	21°55	T 24
W25	12 5 7	3°10'19	16° 0	15°49	0♏37	9° 6	7°44	6°51	25°37	0°57	17°46	15°58	16°47	15°37	21°57	W25
T 26	12 9 3	4° 9'46	28°15	17°31	1°50	8°43	7°58	6°56	25°37	0°57	17°46	15°57	16°44	15°44	22° 0	T 26
F 27	12 13 0	5° 9'11	10♏43	19°13	3° 4	8°20	8°11	7° 1	25°38	0°58	17°47	15°55	16°40	15°50	22° 3	F 27
S 28	12 16 56	6° 8'34	23°26	20°58	4°17	7°57	8°25	7° 6	25°38	0°58	17°47	15°54	16°37	15°57	22° 5	S 28
S 29	12 20 53	7° 7'54	6♏24	22°43	5°30	7°34	8°38	7°10	25°38	0°59	17°48	15°53	16°34	16° 4	22° 8	S 29
M30	12 24 49	8° 7'13	19°39	24°30	6°43	7°10	8°52	7°15	25°38	0°59	17°48	15°D53	16°31	16°11	22°10	M30
T 31	12 28 46	9♏ 6'30	3♏ 7	26♏18	7♏56	6♏47	9♏ 6	7♏20	25♏38	1♏ 0	17°II49	15♏54	16♏28	16♏17	22♏13	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	8s 7	0n32	1n40	17s28	0s21	0s35	1s 7	3s 6	3n18	11s32	0s51	19s27	0s20	23s29	0s 7	22n20
M 2	7 44	4 35	0 32	17 18	0 31	0 4	1 5	3 2	3 19	11 27	0 51	19 26	0 21	23 29	0 7	22 20
T 3	7 21	8 29	0s39	17 8	0 40	0n27	1 3	2 58	3 19	11 22	0 51	19 25	0 21	23 29	0 7	22 20
W 4	6 58	12 1	1 49	16 56	0 48	0 58	1 1	2 54	3 20	11 17	0 51	19 23	0 21	23 29	0 7	22 20
T 5	6 35	14 59	2 55	16 43	0 57	1 30	0 59	2 49	3 20	11 12	0 52	19 22	0 21	23 29	0 7	22 20
F 6	6 12	17 9	3 51	16 28	1 5	2 1	0 57	2 45	3 20	11 7	0 52	19 20	0 21	23 29	0 7	22 20
S 7	5 49	18 19	4 35	16 12	1 12	2 32	0 55	2 40	3 21	11 2	0 52	19 19	0 21	23 29	0 7	22 20
S 8	5 26	18 23	5 3	15 55	1 19	3 3	0 53	2 35	3 21	10 56	0 52	19 18	0 21	23 29	0 7	22 20
M 9	5 2	17 16	5 13	15 36	1 26	3 34	0 51	2 29	3 21	10 51	0 52	19 16	0 21	23 29	0 7	22 21
T 10	4 39	15 1	5 3	15 16	1 32	4 5	0 48	2 24	3 21	10 46	0 52	19 15	0 21	23 29	0 7	22 21
W11	4 15	11 50	4 33	14 55	1 38	4 36	0 46	2 18	3 21	10 41	0 52	19 14	0 21	23 29	0 7	22 21
T 12	3 52	7 55	3 45	14 32	1 44	5 7	0 44	2 12	3 21	10 36	0 52	19 12	0 22	23 29	0 7	22 21
F 13	3 28	3 34	2 44	14 8	1 49	5 37	0 41	2 5	3 21	10 31	0 52	19 11	0 22	23 30	0 7	22 21
S 14	3 5	0s54	1 34	13 43	1 54	6 8	0 39	1 59	3 21	10 26	0 52	19 10	0 22	23 30	0 7	22 21
S 15	2 41	5 13	0 19	13 17	1 58	6 38	0 37	1 52	3 20	10 21	0 52	19 8	0 22	23 30	0 7	22 21
M16	2 18	9 10	0n55	12 49	2 2	7 9	0 34	1 46	3 20	10 16	0 53	19 7	0 22	23 30	0 7	22 21
T 17	1 54	12 33	2 4	12 20	2 6	7 39	0 31	1 39	3 20	10 11	0 53	19 6	0 22	23 30	0 7	22 21
W18	1 30	15 13	3 4	11 50	2 9	8 9	0 29	1 32	3 19	10 5	0 53	19 5	0 22	23 30	0 7	22 21
T 19	1 6	17 7	3 55	11 18	2 12	8 38	0 26	1 24	3 19	10 0	0 53	19 3	0 22	23 30	0 7	22 21
F 20	0 43	18 12	4 34	10 45	2 14	9 8	0 24	1 17	3 18	9 55	0 53	19 2	0 22	23 30	0 7	22 21
S 21	0 19	18 26	5 1	10 11	2 16	9 37	0 21	1 9	3 17	9 50	0 53	19 1	0 22	23 30	0 7	22 21
S 22	0n 5	17 51	5 14	9 36	2 17	10 6	0 18	1 2	3 16	9 45	0 53	19 0	0 23	23 30	0 7	22 21
M23	0 28	16 29	5 14	9 0	2 18	10 35	0 15	0 54	3 15	9 40	0 53	18 58	0 23	23 30	0 7	22 21
T 24	0 52	14 24	5 1	8 22	2 19	11 4	0 13	0 46	3 14	9 35	0 53	18 57	0 23	23 30	0 7	22 21
W25	1 16	11 41	4 34	7 43	2 19	11 32	0 10	0 39	3 13	9 30	0 54	18 56	0 23	23 30	0 7	22 21
T 26	1 39	8 26	3 54	7 3	2 18	12 0	0 7	0 31	3 12	9 25	0 54	18 55	0 23	23 30	0 7	22 21
F 27	2 3	4 44	3 3	6 22	2 17	12 28	0 4	0 23	3 11	9 20	0 54	18 54	0 23	23 30	0 7	22 21
S 28	2 26	0 45	2 1	5 40	2 16	12 56	0 1	0 15	3 10	9 15	0 54	18 53	0 23	23 30	0 7	22 21
S 29	2 50	3n21	0 52	4 57	2 14	13 23	0n 2	0 7	3 8	9 10	0 54	18 52	0 23	23 30	0 7	22 21
M30	3 13	7 22	0s21	4 12	2 12	13 50	0 5	0n 1	3 7	9 5	0 54	18 51	0 23	23 30	0 7	22 21
T 31	3n37	11n 5	1s34	3s26	2s 9	14n17	0n 7	0n 8	3n 5	9s 0	0s54	18s50	0s23	23s30	0s 7	22n22

Julian Day Number = 2416174.5, Delta T = 2.28 sec
 Ecliptic obliquity = 23°26'58, Nutation = 0°00'06, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 23°23'16, Lahiri = 22°30'17

ASTRODIENST EPHEMERIS for the year 1903
geocentric

APRIL 1903

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 32 43	10°5'45	16°8'49	28°7'7	9°8'9	6°R24	9°H19	7°24	25°R38	1°0	17°II50	15°54	16°24	16°24	22°15	W 1
T 2	12 36 39	11° 4'57	0°II41	29°58	10°22	6°1	9°32	7°29	25°R38	1° 1	17°50	15°55	16°21	16°31	22°17	T 2
F 3	12 40 36	12° 4'07	14°42	1°Y50	11°35	5°37	9°46	7°33	25°38	1° 2	17°51	15°55	16°18	16°37	22°20	F 3
S 4	12 44 32	13° 3'15	28°49	3°44	12°47	5°14	9°59	7°37	25°38	1° 2	17°52	15°55	16°15	16°44	22°22	S 4
S 5	12 48 29	14° 2'21	13°1	5°39	14° 0	4°52	10°12	7°41	25°38	1° 3	17°52	15°R55	16°12	16°51	22°24	S 5
M 6	12 52 25	15° 1'24	27°15	7°35	15°13	4°29	10°25	7°45	25°38	1° 4	17°53	15°55	16° 9	16°58	22°26	M 6
T 7	12 56 22	16° 0'25	11°Q28	9°33	16°26	4° 7	10°38	7°49	25°37	1° 5	17°54	15°D55	16° 5	17° 4	22°28	T 7
W 8	13 0 18	16°59'23	25°37	11°32	17°38	3°45	10°51	7°53	25°37	1° 6	17°54	15°55	16° 2	17°11	22°29	W 8
T 9	13 4 15	17°58'19	9°M41	13°33	18°51	3°23	11° 4	7°57	25°37	1° 6	17°55	15°55	15°59	17°18	22°31	T 9
F 10	13 8 11	18°57'13	23°35	15°34	20° 3	3° 2	11°17	8° 1	25°36	1° 7	17°56	15°56	15°56	17°25	22°33	F 10
S 11	13 12 8	19°56'05	7°18	17°37	21°15	2°41	11°30	8° 5	25°36	1° 8	17°57	15°56	15°53	17°31	22°34	S 11
S 12	13 16 5	20°54'54	20°46	19°41	22°28	2°21	11°43	8° 8	25°35	1° 9	17°58	15°R56	15°49	17°38	22°36	S 12
M13	13 20 1	21°53'42	3°M57	21°46	23°40	2° 1	11°56	8°12	25°34	1°10	17°59	15°56	15°46	17°45	22°37	M13
T 14	13 23 58	22°52'28	16°52	23°51	24°52	1°41	12° 8	8°15	25°34	1°11	17°59	15°55	15°43	17°51	22°39	T 14
W15	13 27 54	23°51'12	29°31	25°58	26° 4	1°23	12°21	8°19	25°33	1°12	18° 0	15°54	15°40	17°58	22°40	W15
T 16	13 31 51	24°49'54	11°X54	28° 4	27°16	1° 4	12°33	8°22	25°32	1°13	18° 1	15°53	15°37	18° 5	22°41	T 16
F 17	13 35 47	25°48'34	24° 4	0°811	28°28	0°47	12°46	8°25	25°32	1°15	18° 2	15°52	15°34	18°12	22°42	F 17
S 18	13 39 44	26°47'13	6°3	2°18	29°40	0°30	12°58	8°28	25°31	1°16	18° 3	15°51	15°30	18°18	22°43	S 18
S 19	13 43 40	27°45'50	17°59	4°25	0°II52	0°14	13°11	8°31	25°30	1°17	18° 4	15°50	15°27	18°25	22°44	S 19
M20	13 47 37	28°44'25	29°53	6°31	2° 4	29°M58	13°23	8°34	25°29	1°18	18° 5	15°D50	15°24	18°32	22°45	M20
T 21	13 51 34	29°42'59	11°X49	8°36	3°15	29°43	13°35	8°37	25°28	1°19	18° 6	15°50	15°21	18°38	22°46	T 21
W22	13 55 30	0°841'31	23°53	10°40	4°27	29°29	13°47	8°40	25°27	1°21	18° 7	15°51	15°18	18°45	22°47	W22
T 23	13 59 27	1°40'01	6°H10	12°42	5°38	29°15	13°59	8°43	25°26	1°22	18° 8	15°52	15°15	18°52	22°47	T 23
F 24	14 3 23	2°38'30	18°42	14°43	6°50	29° 3	14°11	8°45	25°25	1°23	18° 9	15°54	15°11	18°59	22°48	F 24
S 25	14 7 20	3°36'56	1°Y34	16°41	8° 1	28°51	14°23	8°48	25°24	1°25	18°10	15°55	15° 8	19° 5	22°48	S 25
S 26	14 11 16	4°35'22	14°46	18°37	9°13	28°39	14°34	8°50	25°22	1°26	18°11	15°R55	15° 5	19°12	22°49	S 26
M27	14 15 13	5°33'45	28°20	20°30	10°24	28°29	14°46	8°53	25°21	1°27	18°12	15°55	15° 2	19°19	22°49	M27
T 28	14 19 9	6°32'07	12°812	22°20	11°35	28°19	14°58	8°55	25°20	1°29	18°13	15°53	14°59	19°26	22°49	T 28
W29	14 23 6	7°30'26	26°22	24° 7	12°46	28°11	15° 9	8°57	25°18	1°30	18°14	15°51	14°55	19°32	22°49	W29
T 30	14 27 3	8°28'45	10°II42	25°851	13°II57	28°M3	15°H21	8°59	25°17	1°32	18°II15	15°548	14°52	19°39	22°49	T 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
W 1	4n 0	14n15	2s43	2s40	2s 5	14n43	0n10	0n16	3n 4	8s55	0s54	18s49	0s24	23s30	0s 8	22n22	1s 5	14n13	8s42	6s16	6s27	17s20	14s59	6n42	
T 2	4 23	16 39	3 44	1 52	2 1	15 9	0 13	0 24	3 2	8 50	0 55	18 47	0 24	23 30	0 8	22 22	1 5	14 14	8 42	6 16	6 26	17 19	14 59	6 43	
F 3	4 46	18 5	4 31	1 3	1 57	15 34	0 16	0 31	3 0	8 45	0 55	18 46	0 24	23 30	0 8	22 22	1 5	14 14	8 42	6 16	6 25	17 18	14 58	6 43	
S 4	5 9	18 23	5 3	0 14	1 52	15 59	0 19	0 39	2 58	8 41	0 55	18 45	0 24	23 30	0 8	22 22	1 5	14 14	8 42	6 16	6 24	17 18	14 57	6 44	
S 5	5 32	17 33	5 17	0n37	1 47	16 24	0 22	0 46	2 56	8 36	0 55	18 45	0 24	23 30	0 8	22 22	1 5	14 14	8 41	6 16	6 22	17 17	14 56	6 45	
M 6	5 55	15 38	5 11	1 28	1 41	16 49	0 25	0 53	2 54	8 31	0 55	18 44	0 24	23 30	0 8	22 22	1 5	14 15	8 41	6 16	6 21	17 16	14 55	6 45	
T 7	6 18	12 46	4 46	2 20	1 34	17 13	0 28	1 0	2 52	8 26	0 55	18 43	0 24	23 30	0 8	22 22	1 5	14 15	8 41	6 16	6 20	17 15	14 54	6 46	
W 8	6 41	9 9	4 4	3 13	1 27	17 36	0 31	1 7	2 50	8 21	0 55	18 42	0 24	23 30	0 8	22 22	1 5	14 15	8 41	6 16	6 19	17 14	14 53	6 46	
T 9	7 3	5 3	3 8	4 7	1 20	17 59	0 34	1 13	2 48	8 16	0 56	18 41	0 24	23 30	0 8	22 22	1 5	14 15	8 41	6 16	6 17	17 14	14 53	6 47	
F 10	7 26	0 42	2 1	5 1	1 12	18 22	0 37	1 20	2 46	8 12	0 56	18 40	0 25	23 30	0 8	22 22	1 5	14 16	8 40	6 16	6 16	17 13	14 52	6 47	
S 11	7 48	3s38	0 48	5 56	1 4	18 44	0 40	1 26	2 43	8 7	0 56	18 39	0 25	23 30	0 8	22 22	1 5	14 16	8 40	6 16	6 15	17 12	14 51	6 48	
S 12	8 10	7 42	0n27	6 51	0 55	19 6	0 43	1 32	2 41	8 2	0 56	18 38	0 25	23 30	0 8	22 22	1 5	14 16	8 40	6 16	6 14	17 11	14 50	6 48	
M13	8 32	11 18	1 38	7 47	0 46	19 27	0 46	1 38	2 39	7 57	0 56	18 37	0 25	23 30	0 8	22 22	1 5	14 17	8 40	6 16	6 13	17 10	14 49	6 49	
T 14	8 54	14 16	2 43	8 42	0 36	19 47	0 49	1 43	2 36	7 53	0 56	18 37	0 25	23 30	0 8	22 22	1 5	14 17	8 40	6 16	6 11	17 10	14 49	6 50	
W15	9 16	16 30	3 39	9 38	0 26	20 8	0 52	1 48	2 34	7 48	0 57	18 36	0 25	23 30	0 8	22 22	1 5	14 17	8 39	6 16	6 10	17 9	14 48	6 50	
T 16	9 37	17 53	4 23	10 33	0 16	20 27	0 55	1 53	2 31	7 43	0 57	18 35	0 25	23 30	0 8	22 22	1 5	14 17	8 39	6 15	6 9	17 8	14 47	6 51	
F 17	9 59	18 25	4 54	11 28	0 5	20 46	0 58	1 58	2 29	7 39	0 57	18 34	0 25	23 30	0 8	22 22	1 4	14 18	8 39	6 15	6 8	17 7	14 46	6 51	
S 18	10 20	18 7	5 12	12 22	0n 6	21 5	1 1	2 2	2 26	7 34	0 57	18 34	0 25	23 30	0 8	22 22	1 4	14 18	8 39	6 14	6 6	17 6	14 46	6 52	
S 19	10 41	17 1	5 16	13 15	0 16	21 23	1 4	2 6	2 24	7 30	0 57	18 33	0 26	23 30	0 8	22 22	1 4	14 18	8 39	6 14	6 5	17 5	14 45	6 52	
M20	11 2	15 11	5 7	14 8	0 27	21 41	1 7	2 10	2 21	7 25	0 57	18 32	0 26	23 30	0 8	22 22	1 4	14 18	8 38	6 14	6 4	17 5	14 44	6 53	
T 21	11 23	12 42	4 45	14 59	0 38	21 57	1 10	2 14	2 18	7 21	0 58	18 32	0 26	23 30	0 8	22 22	1 4	14 19	8 38	6 14	6 3	17 4	14 43	6 54	
W22	11 43	9 38	4 9	15 48	0 49	22 14	1 13	2 17	2 16	7 16	0 58	18 31	0 26	23 30	0 8	22 22	1 4	14 19	8 38	6 14	6 2	17 3	14 43	6 54	
T 23	12 4	6 7	3 22	16 36	1 0	22 30	1 15	2 20	2 13	7 12	0 58	18 31	0 26	23 30	0 8	22 22	1 4	14 19	8 38	6 15	6 0	17 2	14 42	6 55	
F 24	12 24	2 15	2 25	17 23	1 10	22 45	1 18	2 22	2 10	7 7	0 58	18 30	0 26	23 30	0 8	22 22	1 4	14 19	8 38	6 15	5 59	17 1	14 41	6 55	
S 25	12 44	1n49	1 18	18 7	1 20	22 59	1 21	2 25	2 8	7 3	0 58	18 29	0 26	23 30	0 8	22 22	1 4	14 20	8 38	6 16	5 58	17 0	14 41	6 56	
S 26	13 3	5 55	0 6	18 49	1 30	23 13	1 24	2 27	2 5	6 58	0 58	18 29	0 26	23 30	0 8	22 22	1 4	14 20	8 37	6 16	5 57	16 59	14 40	6 57	
M27	13 23	9 50	1s 8	19 28	1 39	23 26	1 26	2 28	2 2	6 54	0 59	18 28	0 27	23 30	0 8	22 22	1 4	14 20	8 37	6 16	5 55	16 59	14 40	6 57	
T 28	13 42	13 17	2 20	20 6	1 48	23 39	1 29	2 30	2 0	6 50	0 59	18 28	0 27	23 30	0 8	22 22	1 4	14 21	8 37	6 15	5 54	16 58	14 39	6 58	
W29	14 1	16 2	3 25	20 41	1 56	23 51	1 32	2 31	1 57	6 46	0 59	18 28	0 27	23 30	0 8	22 22	1 4	14 21	8 37	6 14	5 53	16 57	14 38	6 58	
T 30	14n20	17n49	4s17	21n13	2n 3	24n 2	1n34	2n32	1n54	6s41	0s59	18s27	0s27	23s30	0s 8	22n22	1s 4	14n21	8s37	6s13	5s52	16s56	14s38	6n59	

ASTRODIENST EPHEMERIS for the year 1903

geocentric

MAY 1903

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 30 59	9♂27'01	25♂ 9	27♂31	15♂ 8	27°R55	15♂32	9♂ 1	25°R16	1♂33	18♂16	15°R45	14♂49	19♂46	22°R49	F 1
S 2	14 34 56	10°25'15	9♂37	29° 7	16°19	27♂49	15°43	9° 3	25♂14	1°35	18°18	15♂42	14°46	19°52	22♂49	S 2
S 3	14 38 52	11°23'27	24° 1	0♂40	17°30	27°43	15°54	9° 4	25°13	1°36	18°19	15°40	14°43	19°59	22°49	S 3
M 4	14 42 49	12°21'37	8♂17	2° 8	18°41	27°39	16° 5	9° 6	25°11	1°38	18°20	15°D39	14°40	20° 6	22°49	M 4
T 5	14 46 45	13°19'45	22°22	3°33	19°51	27°35	16°16	9° 8	25°10	1°39	18°21	15°39	14°36	20°13	22°49	T 5
W 6	14 50 42	14°17'51	6♂16	4°53	21° 2	27°31	16°27	9° 9	25° 8	1°41	18°22	15°40	14°33	20°19	22°48	W 6
T 7	14 54 38	15°15'55	19°57	6° 9	22°12	27°29	16°37	9°10	25° 6	1°43	18°23	15°42	14°30	20°26	22°48	T 7
F 8	14 58 35	16°13'57	3♂26	7°21	23°22	27°27	16°48	9°12	25° 5	1°44	18°25	15°43	14°27	20°33	22°47	F 8
S 9	15 2 32	17°11'57	16°42	8°28	24°33	27°26	16°59	9°13	25° 3	1°46	18°26	15°R44	14°24	20°39	22°47	S 9
S 10	15 6 28	18° 9'55	29°46	9°31	25°43	27°D26	17° 9	9°14	25° 1	1°48	18°27	15°43	14°21	20°46	22°46	S 10
M 11	15 10 25	19° 7'52	12♂38	10°30	26°53	27°27	17°19	9°15	24°59	1°49	18°28	15°40	14°17	20°53	22°45	M 11
T 12	15 14 21	20° 5'47	25°17	11°24	28° 3	27°28	17°29	9°16	24°57	1°51	18°29	15°36	14°14	21° 0	22°44	T 12
W 13	15 18 18	21° 3'41	7♂45	12°13	29°12	27°30	17°39	9°17	24°56	1°53	18°31	15°31	14°11	21° 6	22°43	W 13
T 14	15 22 14	22° 1'33	20° 1	12°58	0♂22	27°33	17°49	9°17	24°54	1°55	18°32	15°24	14° 8	21°13	22°42	T 14
F 15	15 26 11	22°59'24	2♂ 8	13°38	1°32	27°37	17°59	9°18	24°52	1°57	18°33	15°18	14° 5	21°20	22°41	F 15
S 16	15 30 7	23°57'14	14° 7	14°14	2°41	27°41	18° 9	9°18	24°50	1°58	18°35	15°12	14° 1	21°27	22°40	S 16
S 17	15 34 4	24°55'02	26° 0	14°44	3°51	27°46	18°18	9°19	24°48	2° 0	18°36	15° 7	13°58	21°33	22°39	S 17
M 18	15 38 1	25°52'49	7♂53	15°10	5° 0	27°52	18°28	9°19	24°46	2° 2	18°37	15° 3	13°55	21°40	22°38	M 18
T 19	15 41 57	26°50'35	19°48	15°31	6° 9	27°58	18°37	9°19	24°44	2° 4	18°38	15° 1	13°52	21°47	22°36	T 19
W 20	15 45 54	27°48'20	1♂50	15°47	7°18	28° 5	18°46	9°19	24°42	2° 6	18°40	15°D 1	13°49	21°53	22°35	W 20
T 21	15 49 50	28°46'04	14° 5	15°58	8°27	28°13	18°56	9°R19	24°40	2° 8	18°41	15° 2	13°46	22° 0	22°33	T 21
F 22	15 53 47	29°43'46	26°37	16° 4	9°36	28°21	19° 5	9°19	24°37	2°10	18°42	15° 4	13°42	22° 7	22°32	F 22
S 23	15 57 43	0♂41'28	9°R31	16°R 5	10°45	28°30	19°13	9°19	24°35	2°12	18°44	15°R 5	13°39	22°14	22°30	S 23
S 24	16 1 40	1°39'08	22°48	16° 2	11°53	28°40	19°22	9°19	24°33	2°14	18°45	15° 4	13°36	22°20	22°29	S 24
M 25	16 5 36	2°36'48	6♂32	15°55	13° 2	28°50	19°31	9°18	24°31	2°16	18°46	15° 2	13°33	22°27	22°27	M 25
T 26	16 9 33	3°34'26	20°41	15°43	14°10	29° 1	19°39	9°18	24°29	2°18	18°48	14°58	13°30	22°34	22°25	T 26
W 27	16 13 30	4°32'04	5♂12	15°27	15°18	29°12	19°47	9°17	24°26	2°20	18°49	14°53	13°26	22°40	22°23	W 27
T 28	16 17 26	5°29'40	19°59	15° 7	16°26	29°24	19°56	9°17	24°24	2°22	18°51	14°45	13°23	22°47	22°21	T 28
F 29	16 21 23	6°27'15	4♂52	14°44	17°34	29°37	20° 4	9°16	24°22	2°24	18°52	14°37	13°20	22°54	22°19	F 29
S 30	16 25 19	7°24'48	19°44	14°18	18°42	29°50	20°12	9°15	24°20	2°26	18°53	14°30	13°17	23° 1	22°17	S 30
S 31	16 29 16	8♂22'21	4♂27	13♂49	19♂50	0♂ 4	20♂19	9♂14	24♂17	2♂28	18♂55	14♂24	13♂14	23♂ 7	22♂15	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	14n39	18n28	4s54	21n43	2n10	24n13	1n37	2n32	1n52	6s37	0s59	18s27	0s27	23s30	0s 8	22n23	1s 4	14n21	8s36	6s12	5s50	16s55	14s37	6n59	
S 2	14 57	17 55	5 12	22 11	2 16	24 23	1 39	2 32	1 49	6 33	1 0	18 26	0 27	23 30	0 8	22 23	1 4	14 22	8 36	6 11	5 49	16 54	14 37	7 0	
S 3	15 15	16 13	5 11	22 36	2 21	24 33	1 41	2 32	1 46	6 29	1 0	18 26	0 27	23 30	0 8	22 23	1 4	14 22	8 36	6 10	5 48	16 53	14 36	7 1	
M 4	15 33	13 32	4 50	22 58	2 25	24 41	1 44	2 32	1 44	6 25	1 0	18 26	0 27	23 30	0 8	22 23	1 4	14 22	8 36	6 10	5 47	16 53	14 36	7 1	
T 5	15 51	10 5	4 12	23 18	2 29	24 49	1 46	2 31	1 41	6 21	1 0	18 25	0 28	23 30	0 8	22 23	1 4	14 22	8 36	6 10	5 46	16 52	14 35	7 2	
W 6	16 8	6 8	3 20	23 36	2 31	24 57	1 48	2 30	1 39	6 17	1 0	18 25	0 28	23 30	0 8	22 23	1 4	14 23	8 36	6 10	5 44	16 51	14 35	7 2	
T 7	16 25	1 53	2 17	23 51	2 33	25 3	1 51	2 28	1 36	6 13	1 1	18 25	0 28	23 30	0 8	22 23	1 4	14 23	8 36	6 11	5 43	16 50	14 34	7 3	
F 8	16 42	2s23	1 7	24 4	2 33	25 9	1 53	2 27	1 33	6 9	1 1	18 25	0 28	23 30	0 8	22 23	1 4	14 23	8 35	6 11	5 42	16 49	14 34	7 3	
S 9	16 59	6 29	0n 5	24 15	2 33	25 15	1 55	2 25	1 31	6 5	1 1	18 25	0 28	23 29	0 8	22 23	1 4	14 23	8 35	6 12	5 41	16 48	14 33	7 4	
S 10	17 15	10 12	1 16	24 23	2 32	25 19	1 57	2 22	1 28	6 1	1 1	18 24	0 28	23 29	0 8	22 23	1 4	14 24	8 35	6 11	5 39	16 47	14 33	7 4	
M 11	17 31	13 23	2 22	24 30	2 30	25 23	1 59	2 20	1 26	5 57	1 1	18 24	0 28	23 29	0 8	22 23	1 4	14 24	8 35	6 10	5 38	16 46	14 32	7 5	
T 12	17 46	15 52	3 19	24 34	2 26	25 27	2 0	2 17	1 23	5 53	1 2	18 24	0 28	23 29	0 8	22 23	1 4	14 24	8 35	6 9	5 37	16 45	14 32	7 6	
W 13	18 2	17 34	4 6	24 37	2 22	25 29	2 2	2 14	1 21	5 50	1 2	18 24	0 29	23 29	0 8	22 23	1 3	14 24	8 35	6 7	5 36	16 45	14 32	7 6	
T 14	18 17	18 25	4 40	24 38	2 17	25 31	2 4	2 10	1 19	5 46	1 2	18 24	0 29	23 29	0 8	22 23	1 3	14 24	8 35	6 4	5 34	16 44	14 31	7 7	
F 15	18 32	18 24	5 2	24 36	2 10	25 32	2 6	2 7	1 16	5 42	1 2	18 24	0 29	23 29	0 8	22 23	1 3	14 25	8 34	6 2	5 33	16 43	14 31	7 7	
S 16	18 46	17 34	5 10	24 33	2 3	25 32	2 7	2 3	1 14	5 39	1 3	18 24	0 29	23 29	0 8	22 23	1 3	14 25	8 34	5 59	5 32	16 42	14 30	7 8	
S 17	19 0	15 58	5 4	24 29	1 55	25 32	2 9	1 59	1 11	5 35	1 3	18 24	0 29	23 29	0 8	22 23	1 3	14 25	8 34	5 57	5 31	16 41	14 30	7 8	
M 18	19 14	13 42	4 46	24 22	1 45	25 31	2 10	1 54	1 9	5 32	1 3	18 24	0 29	23 29	0 8	22 23	1 3	14 25	8 34	5 56	5 30	16 40	14 30	7 9	
T 19	19 28	10 51	4 15	24 14	1 35	25 30	2 11	1 50	1 7	5 28	1 3	18 24	0 29	23 29	0 8	22 23	1 3	14 26	8 34	5 55	5 28	16 39	14 30	7 9	
W 20	19 41	7 31	3 33	24 5	1 24	25 27	2 13	1 45	1 5	5 25	1 3	18 24	0 29	23 29	0 8	22 23	1 3	14 26	8 34	5 55	5 27	16 38	14 29	7 10	
T 21	19 54	3 48	2 40	23 53	1 11	25 24	2 14	1 40	1 2	5 22	1 4	18 24	0 30	23 29	0 8	22 23	1 3	14 26	8 34	5 56	5 26	16 37	14 29	7 10	
F 22	20 6	0n 9	1 38	23 41	0 58	25 21	2 15	1 34	1 0	5 18	1 4	18 24	0 30	23 29	0 8	22 23	1 3	14 26	8 34	5 56	5 25	16 36	14 29	7 11	
S 23	20 18	4 14	0 30	23 27	0 44	25 16	2 16	1 29	0 58	5 15	1 4	18 25	0 30	23 29	0 8	22 23	1 3	14 26	8 34	5 56	5 23	16 36	14 28	7 11	
S 24	20 30	8 14	0s42	23 12	0 29	25 11	2 17	1 23	0 56	5 12	1 4	18 25	0 30	23 29	0 8	22 23	1 3	14 27	8 33	5 56	5 22	16 35	14 28	7 12	
M 25	20 41	11 55	1 53	22 56	0 14	25 6	2 18	1 17	0 54	5 9	1 5	18 25	0 30	23 28	0 8	22 23	1 3	14 27	8 33	5 56	5 21	16 34	14 28	7 12	
T 26	20 53	15 2	3 0	22 38	0s 3	24 59	2 18	1 11	0 51	5 6	1 5	18 25	0 30	23 28	0 8	22 23	1 3	14 27	8 33	5 54	5 20	16 33	14 28	7 13	
W 27	21 3	17 18	3 56	22 20	0 19	24 52	2 19	1 4	0 49	5 3	1 5	18 26	0 30	23 28	0 8	22 23	1 3	14 27	8 33	5 52	5 18	16 32	14 28	7 13	
T 28	21 14	18 27	4 38	22 1	0 36	24 45	2 19	0 58	0 47	5 0	1 5	18 26	0 31	23 28	0 8	22 23	1 3	14 27	8 33	5 49	5 17	16 31	14 28	7 14	
F 29	21 24	18 20	5 2	21 41	0 54	24 36	2 20	0 51	0 45	4 57	1 6	18 26	0 31	23 28	0 8	22 23	1 3	14 28	8 33	5 46	5 16	16 30	14 27	7 14	
S 30	21 33	16 58	5 5	21 21	1 11	24 27	2 20	0 44	0 43	4 54	1 6	18 27	0 31	23 28	0 8	22 23	1 3	14 28	8 33	5 43	5 15	16 29	14 27	7 15	
S 31	21n43	14n29	4s48	21n 0	1s29	24n18	2n20	0n36	0n41	4s51	1s 6	18s27	0s31	23s28	0s 8	22n23	1s 3	14n28	8s33	5s41	5s14	16s28	14s27	7n15	

ASTRODIENST EPHEMERIS for the year 1903
geocentric

JUNE 1903

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 33 12	9Ⅱ19'52	18♌55	13°R19	20♊57	0♈18	20♈27	9°R13	24°R15	2♊30	18Ⅱ56	14°R21	13♈11	23♊14	22°R13	M 1
T 2	16 37 9	10°17'21	3♏4	12Ⅱ46	22° 5	0°33	20°35	9♏12	24♏13	2°32	18°57	14♈19	13° 7	23°21	22♊10	T 2
W 3	16 41 5	11°14'49	16°53	12°13	23°12	0°48	20°42	9°11	24°10	2°34	18°59	14°D19	13° 4	23°28	22° 8	W 3
T 4	16 45 2	12°12'16	0♈23	11°40	24°19	1° 4	20°49	9° 9	24° 8	2°36	19° 0	14°19	13° 1	23°34	22° 5	T 4
F 5	16 48 59	13° 9'42	13°36	11° 6	25°26	1°21	20°56	9° 8	24° 5	2°38	19° 2	14°R20	12°58	23°41	22° 3	F 5
S 6	16 52 55	14° 7'06	26°33	10°34	26°32	1°38	21° 3	9° 6	24° 3	2°40	19° 3	14°19	12°55	23°48	22° 0	S 6
S 7	16 56 52	15° 4'30	9♏17	10° 2	27°39	1°55	21°10	9° 5	24° 1	2°43	19° 4	14°17	12°52	23°54	21°58	S 7
M 8	17 0 48	16° 1'52	21°50	9°33	28°45	2°13	21°16	9° 3	23°58	2°45	19° 6	14°11	12°48	24° 1	21°55	M 8
T 9	17 4 45	16°59'14	4♏14	9° 6	29°51	2°31	21°23	9° 1	23°56	2°47	19° 7	14° 3	12°45	24° 8	21°53	T 9
W10	17 8 41	17°56'35	16°29	8°41	0♌57	2°50	21°29	8°59	23°53	2°49	19° 9	13°53	12°42	24°15	21°50	W10
T 11	17 12 38	18°53'55	28°36	8°20	2° 3	3° 9	21°35	8°57	23°51	2°51	19°10	13°42	12°39	24°21	21°47	T 11
F 12	17 16 34	19°51'14	10♊36	8° 3	3° 9	3°29	21°41	8°55	23°48	2°53	19°11	13°30	12°36	24°28	21°44	F 12
S 13	17 20 31	20°48'32	22°32	7°49	4°14	3°49	21°47	8°53	23°46	2°56	19°13	13°19	12°32	24°35	21°41	S 13
S 14	17 24 28	21°45'50	4♏24	7°39	5°19	4° 9	21°52	8°51	23°44	2°58	19°14	13° 9	12°29	24°41	21°39	S 14
M15	17 28 24	22°43'08	16°15	7°34	6°24	4°30	21°58	8°49	23°41	3° 0	19°16	13° 1	12°26	24°48	21°36	M15
T 16	17 32 21	23°40'25	28° 9	7°D33	7°29	4°51	22° 3	8°46	23°39	3° 2	19°17	12°56	12°23	24°55	21°33	T 16
W17	17 36 17	24°37'42	10♏10	7°36	8°34	5°13	22° 8	8°44	23°36	3° 4	19°18	12°53	12°20	25° 2	21°29	W17
T 18	17 40 14	25°34'58	22°23	7°44	9°38	5°35	22°13	8°41	23°34	3° 7	19°20	12°D52	12°17	25° 8	21°26	T 18
F 19	17 44 10	26°32'14	4♏52	7°57	10°42	5°57	22°18	8°38	23°31	3° 9	19°21	12°52	12°13	25°15	21°23	F 19
S 20	17 48 7	27°29'30	17°42	8°14	11°46	6°20	22°23	8°36	23°29	3°11	19°23	12°R52	12°10	25°22	21°20	S 20
S 21	17 52 3	28°26'46	0♊58	8°36	12°50	6°43	22°27	8°33	23°26	3°13	19°24	12°51	12° 7	25°29	21°17	S 21
M22	17 56 0	29°24'01	14°43	9° 3	13°53	7° 7	22°31	8°30	23°24	3°16	19°25	12°48	12° 4	25°35	21°14	M22
T 23	17 59 57	0♊21'17	28°56	9°34	14°56	7°31	22°36	8°27	23°22	3°18	19°27	12°42	12° 1	25°42	21°10	T 23
W24	18 3 53	1°18'32	13Ⅱ36	10°10	15°59	7°55	22°39	8°24	23°19	3°20	19°28	12°34	11°58	25°49	21° 7	W24
T 25	18 7 50	2°15'47	28°36	10°50	17° 2	8°20	22°43	8°21	23°17	3°22	19°29	12°24	11°54	25°55	21° 4	T 25
F 26	18 11 46	3°13'02	13♊48	11°34	18° 4	8°45	22°47	8°18	23°14	3°25	19°31	12°13	11°51	26° 2	21° 0	F 26
S 27	18 15 43	4°10'16	29° 0	12°23	19° 7	9°10	22°50	8°15	23°12	3°27	19°32	12° 3	11°48	26° 9	20°57	S 27
S 28	18 19 39	5° 7'30	14♌2	13°16	20° 8	9°36	22°53	8°11	23°10	3°29	19°34	11°55	11°45	26°16	20°53	S 28
M29	18 23 36	6° 4'44	28°45	14°14	21°10	10° 2	22°56	8° 8	23° 7	3°31	19°35	11°49	11°42	26°22	20°50	M29
T 30	18 27 32	7♊1'57	13♏5	15Ⅱ15	22♌11	10♈28	22♏59	8♏5	23♏5	3♊33	19Ⅱ36	11♈45	11♈38	26♊29	20♊47	T 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
M 1	21n52	11n 9	4s13	20n39	1s46	24n 8	2n20	0n29	0n39	4s48	1s 6	18s27	0s31	23s28	0s 8	22n23	1s 3	14n28	8s33	5s39	5s12	16s27	14s27	7n15	
T 2	22 0	7 14	3 22	20 18	2 3	23 57	2 20	0 21	0 37	4 45	1 7	18 28	0 31	23 28	0 8	22 23	1 3	14 28	8 33	5 39	5 11	16 26	14 27	7 16	
W 3	22 8	3 0	2 22	19 58	2 19	23 46	2 20	0 13	0 35	4 43	1 7	18 28	0 31	23 28	0 8	22 23	1 3	14 29	8 33	5 39	5 10	16 25	14 27	7 16	
T 4	22 16	1s17	1 14	19 38	2 35	23 34	2 20	0 5	0 34	4 40	1 7	18 29	0 31	23 28	0 8	22 23	1 3	14 29	8 33	5 39	5 9	16 24	14 27	7 17	
F 5	22 23	5 26	0 4	19 18	2 50	23 21	2 20	0s 3	0 32	4 38	1 7	18 29	0 32	23 27	0 8	22 22	1 3	14 29	8 33	5 39	5 7	16 23	14 27	7 17	
S 6	22 30	9 14	1n 5	19 0	3 4	23 8	2 19	0 11	0 30	4 35	1 8	18 30	0 32	23 27	0 8	22 22	1 3	14 29	8 32	5 39	5 6	16 22	14 27	7 18	
S 7	22 37	12 33	2 9	18 43	3 17	22 54	2 19	0 20	0 28	4 33	1 8	18 30	0 32	23 27	0 8	22 22	1 3	14 29	8 32	5 38	5 5	16 21	14 27	7 18	
M 8	22 43	15 14	3 6	18 27	3 29	22 40	2 18	0 29	0 26	4 30	1 8	18 31	0 32	23 27	0 8	22 22	1 3	14 29	8 32	5 36	5 4	16 20	14 27	7 18	
T 9	22 49	17 11	3 53	18 12	3 40	22 25	2 17	0 38	0 24	4 28	1 9	18 32	0 32	23 27	0 8	22 22	1 3	14 30	8 32	5 33	5 2	16 19	14 27	7 19	
W10	22 54	18 18	4 29	17 59	3 49	22 10	2 16	0 47	0 23	4 26	1 9	18 32	0 32	23 27	0 9	22 22	1 3	14 30	8 32	5 29	5 1	16 19	14 27	7 19	
T 11	22 59	18 35	4 52	17 48	3 58	21 54	2 15	0 56	0 21	4 24	1 9	18 33	0 32	23 27	0 9	22 22	1 3	14 30	8 32	5 24	5 0	16 18	14 27	7 19	
F 12	23 4	18 1	5 2	17 38	4 4	21 38	2 14	1 5	0 19	4 22	1 9	18 33	0 32	23 27	0 9	22 22	1 3	14 30	8 32	5 20	4 59	16 17	14 27	7 20	
S 13	23 8	16 39	4 58	17 31	4 10	21 21	2 13	1 15	0 18	4 20	1 10	18 34	0 33	23 27	0 9	22 22	1 3	14 30	8 32	5 15	4 57	16 16	14 27	7 20	
S 14	23 12	14 36	4 42	17 25	4 14	21 4	2 11	1 24	0 16	4 18	1 10	18 35	0 33	23 27	0 9	22 22	1 3	14 30	8 32	5 11	4 56	16 15	14 27	7 20	
M15	23 15	11 56	4 13	17 21	4 17	20 46	2 10	1 34	0 14	4 16	1 10	18 36	0 33	23 26	0 9	22 22	1 3	14 30	8 32	5 8	4 55	16 14	14 27	7 21	
T 16	23 18	8 46	3 34	17 19	4 19	20 28	2 8	1 44	0 13	4 14	1 10	18 36	0 33	23 26	0 9	22 22	1 3	14 31	8 32	5 6	4 54	16 13	14 28	7 21	
W17	23 20	5 13	2 44	17 20	4 19	20 10	2 6	1 54	0 11	4 12	1 11	18 37	0 33	23 26	0 9	22 22	1 3	14 31	8 32	5 5	4 52	16 12	14 28	7 21	
T 18	23 23	1 24	1 47	17 22	4 18	19 51	2 4	2 4	0 10	4 11	1 11	18 38	0 33	23 26	0 9	22 22	1 3	14 31	8 32	5 5	4 51	16 11	14 28	7 22	
F 19	23 24	2n35	0 42	17 26	4 16	19 31	2 2	2 15	0 8	4 9	1 11	18 39	0 33	23 26	0 9	22 22	1 3	14 31	8 32	5 5	4 50	16 10	14 28	7 22	
S 20	23 26	6 33	0s26	17 31	4 13	19 11	2 0	2 25	0 7	4 7	1 12	18 40	0 33	23 26	0 9	22 22	1 3	14 31	8 32	5 5	4 49	16 9	14 28	7 22	
S 21	23 26	10 20	1 34	17 39	4 9	18 51	1 58	2 36	0 5	4 6	1 12	18 40	0 34	23 26	0 9	22 22	1 3	14 31	8 32	5 5	4 48	16 8	14 28	7 23	
M22	23 27	13 42	2 40	17 47	4 4	18 30	1 55	2 46	0 4	4 4	1 12	18 41	0 34	23 26	0 9	22 22	1 3	14 31	8 32	5 3	4 46	16 7	14 29	7 23	
T 23	23 27	16 23	3 38	17 58	3 59	18 9	1 53	2 57	0 2	4 3	1 13	18 42	0 34	23 26	0 9	22 22	1 3	14 31	8 32	5 1	4 45	16 6	14 29	7 23	
W24	23 27	18 5	4 24	18 9	3 52	17 48	1 50	3 8	0 1	4 2	1 13	18 43	0 34	23 25	0 9	22 22	1 3	14 32	8 32	4 58	4 44	16 5	14 29	7 23	
T 25	23 26	18 34	4 52	18 22	3 44	17 26	1 47	3 19	0s 1	4 1	1 13	18 44	0 34	23 25	0 9	22 22	1 3	14 32	8 32	4 54	4 43	16 4	14 29	7 24	
F 26	23 25	17 45	5 1	18 37	3 36	17 4	1 44	3 30	0 2	3 59	1 13	18 45	0 34	23 25	0 9	22 22	1 3	14 32	8 32	4 50	4 41	16 3	14 30	7 24	
S 27	23 23	15 40	4 48	18 52	3 27	16 42	1 41	3 41	0 4	3 58	1 14	18 46	0 34	23 25	0 9	22 22	1 3	14 32	8 32	4 46	4 40	16 2	14 30	7 24	
S 28	23 21	12 33	4 15	19 8	3 18	16 19	1 38	3 53	0 5	3 57	1 14	18 47	0 34	23 25	0 9	22 22	1 3	14 32	8 32	4 43	4 39	16 1	14 30	7 24	
M29	23 19	8 41	3 26	19 24	3 8	15 56	1 34	4 4	0 6	3 56	1 14	18 48	0 35	23 25	0 9	22 22	1 3	14 32	8 32	4 40	4 38	16 0	14 31	7 24	
T 30	23n16	4n25	2s25	19n42	2s57	15n33	1n31	4s16	0s 8	3s56	1s15	18s49	0s35	23s25	0s 9	22n22	1s 3	14n32	8s32	4s39	4s36	15s59	14s31	7n25	

ASTRODIENST EPHEMERIS for the year 1903
geocentric

JULY 1903

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 31 29	75°59'09	26°59	16°12	23°12	10°54	23°18	8°R 1	23°R 2	3°36	19°38	11°R44	11°35	26°36	20°R43	W 1
T 2	18 35 26	8°56'22	10°28	17°30	24°13	11°21	23° 4	7°57	23° 0	3°38	19°39	11°44	11°32	26°42	20°40	T 2
F 3	18 39 22	9°53'33	23°35	18°43	25°13	11°48	23° 6	7°54	22°58	3°40	19°40	11°43	11°29	26°49	20°36	F 3
S 4	18 43 19	10°50'45	6°12	20° 1	26°13	12°16	23° 8	7°50	22°55	3°42	19°42	11°42	11°26	26°56	20°32	S 4
S 5	18 47 15	11°47'56	18°56	21°22	27°12	12°44	23°10	7°46	22°53	3°45	19°43	11°38	11°23	27° 3	20°29	S 5
M 6	18 51 12	12°45'07	1°16	22°47	28°11	13°12	23°12	7°43	22°51	3°47	19°44	11°32	11°19	27° 9	20°25	M 6
T 7	18 55 8	13°42'18	13°27	24°16	29°10	13°40	23°13	7°39	22°49	3°49	19°46	11°23	11°16	27°16	20°22	T 7
W 8	18 59 5	14°39'29	25°32	25°48	0°18	14° 8	23°15	7°35	22°46	3°51	19°47	11°11	11°13	27°23	20°18	W 8
T 9	19 3 1	15°36'40	7°31	27°24	1° 6	14°37	23°16	7°31	22°44	3°53	19°48	10°58	11°10	27°29	20°15	T 9
F 10	19 6 58	16°33'51	19°26	29° 4	2° 4	15° 6	23°17	7°27	22°42	3°56	19°49	10°45	11° 7	27°36	20°11	F 10
S 11	19 10 55	17°31'03	1°18	0°47	3° 1	15°36	23°17	7°23	22°40	3°58	19°51	10°31	11° 4	27°43	20° 7	S 11
S 12	19 14 51	18°28'14	13°10	2°34	3°57	16° 5	23°18	7°19	22°38	4° 0	19°52	10°20	11° 0	27°50	20° 4	S 12
M13	19 18 48	19°25'26	25° 3	4°23	4°53	16°35	23°18	7°15	22°36	4° 2	19°53	10°10	10°57	27°56	20° 0	M13
T 14	19 22 44	20°22'38	6°18	5°49	17° 5	17° 5	23°R18	7°11	22°34	4° 4	19°54	10° 4	10°54	28° 3	19°56	T 14
W15	19 26 41	21°19'51	19° 1	8°11	6°44	17°35	23°18	7° 7	22°32	4° 6	19°56	10° 0	10°51	28°10	19°53	W15
T 16	19 30 37	22°17'04	1°14	10° 9	7°39	18° 6	23°18	7° 2	22°30	4° 9	19°57	9°59	10°48	28°17	19°49	T 16
F 17	19 34 34	23°14'18	13°42	12° 9	8°33	18°37	23°18	6°58	22°28	4°11	19°58	9°D58	10°44	28°23	19°46	F 17
S 18	19 38 30	24°11'32	26°29	14°11	9°26	19° 8	23°17	6°54	22°26	4°13	19°59	9°R58	10°41	28°30	19°42	S 18
S 19	19 42 27	25° 8'48	9°41	16°15	10°19	19°39	23°16	6°50	22°24	4°15	20° 0	9°58	10°38	28°37	19°38	S 19
M20	19 46 24	26° 6'04	23°20	18°20	11°12	20°10	23°15	6°45	22°22	4°17	20° 2	9°55	10°35	28°43	19°35	M20
T 21	19 50 20	27° 3'21	7°12	20°26	12° 4	20°42	23°14	6°41	22°20	4°19	20° 3	9°50	10°32	28°50	19°31	T 21
W22	19 54 17	28° 0'39	22° 4	22°33	12°55	21°14	23°12	6°37	22°18	4°21	20° 4	9°43	10°29	28°57	19°28	W22
T 23	19 58 13	28°57'57	7°3	24°40	13°45	21°46	23°11	6°32	22°16	4°23	20° 5	9°34	10°25	29° 4	19°24	T 23
F 24	20 2 10	29°55'16	22°17	26°48	14°35	22°18	23° 9	6°28	22°14	4°25	20° 6	9°24	10°22	29°10	19°21	F 24
S 25	20 6 6	0°52'36	7°12	28°55	15°24	22°51	23° 7	6°23	22°13	4°28	20° 7	9°15	10°19	29°17	19°17	S 25
S 26	20 10 3	1°49'57	22°47	1°12	16°13	23°23	23° 5	6°19	22°11	4°30	20° 8	9° 7	10°16	29°24	19°14	S 26
M27	20 13 59	2°47'18	7°12	3° 9	17° 0	23°56	23° 2	6°15	22° 9	4°32	20°10	9° 1	10°13	29°30	19°10	M27
T 28	20 17 56	3°44'39	22°12	5°15	17°47	24°29	23° 0	6°10	22° 8	4°34	20°11	8°58	10°10	29°37	19° 7	T 28
W29	20 21 53	4°42'01	6°16	7°19	18°33	25° 3	22°57	6° 6	22° 6	4°36	20°12	8°D57	10° 6	29°44	19° 3	W29
T 30	20 25 49	5°39'23	19°51	9°23	19°18	25°36	22°54	6° 1	22° 4	4°38	20°13	8°57	10° 3	29°51	19° 0	T 30
F 31	20 29 46	6°36'46	3°12	11°25	20°18	26°10	22°51	5°57	22° 3	4°40	20°14	8°R58	10° 0	29°57	18°56	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	23n13	0n 1	1s17	19n59	2s46	15n10	1n27	4s27	0s 9	3s55	1s15	18s50	0s35	23s25	0s 9	22n22
T 2	23 9	4s15	0 7	20 17	2 35	14 46	1 23	4 39	0 10	3 54	1 15	18 51	0 35	23 25	0 9	22 21
F 3	23 5	8 12	1n 2	20 35	2 23	14 22	1 19	4 51	0 12	3 54	1 15	18 52	0 35	23 24	0 9	22 21
S 4	23 0	11 40	2 6	20 54	2 11	13 58	1 15	5 3	0 13	3 53	1 16	18 53	0 35	23 24	0 9	22 21
S 5	22 56	14 31	3 3	21 11	1 59	13 33	1 10	5 15	0 14	3 53	1 16	18 54	0 35	23 24	0 9	22 21
M 6	22 50	16 40	3 50	21 29	1 46	13 8	1 6	5 27	0 15	3 52	1 16	18 55	0 35	23 24	0 9	22 21
T 7	22 45	18 2	4 25	21 46	1 34	12 44	1 1	5 39	0 17	3 52	1 17	18 56	0 35	23 24	0 9	22 21
W 8	22 39	18 34	4 49	22 2	1 21	12 19	0 57	5 51	0 18	3 52	1 17	18 57	0 36	23 24	0 9	22 21
T 9	22 32	18 15	4 59	22 17	1 8	11 53	0 52	6 3	0 19	3 52	1 17	18 58	0 36	23 24	0 9	22 21
F 10	22 25	17 9	4 56	22 32	0 55	11 28	0 47	6 16	0 20	3 51	1 18	19 0	0 36	23 24	0 9	22 21
S 11	22 18	15 19	4 41	22 44	0 42	11 3	0 41	6 28	0 21	3 51	1 18	19 1	0 36	23 24	0 9	22 21
S 12	22 11	12 50	4 13	22 56	0 30	10 37	0 36	6 40	0 22	3 52	1 18	19 2	0 36	23 23	0 9	22 21
M13	22 3	9 49	3 34	23 5	0 17	10 12	0 30	6 53	0 24	3 52	1 19	19 3	0 36	23 23	0 9	22 21
T 14	21 54	6 24	2 45	23 13	0 5	9 46	0 25	7 6	0 25	3 52	1 19	19 4	0 36	23 23	0 9	22 21
W15	21 45	2 41	1 49	23 18	0n 6	9 20	0 19	7 18	0 26	3 52	1 19	19 5	0 36	23 23	0 9	22 21
T 16	21 36	1n12	0 46	23 21	0 18	8 54	0 13	7 31	0 27	3 53	1 19	19 6	0 36	23 23	0 9	22 21
F 17	21 27	5 6	0 20	23 22	0 28	8 28	0 6	7 44	0 28	3 53	1 20	19 8	0 37	23 23	0 9	22 21
S 18	21 17	8 53	1 26	23 20	0 39	8 2	0 0	7 56	0 29	3 54	1 20	19 9	0 37	23 23	0 9	22 20
S 19	21 7	12 20	2 31	23 16	0 48	7 36	0s 7	8 9	0 30	3 54	1 20	19 10	0 37	23 23	0 9	22 20
M20	20 56	15 15	3 29	23 9	0 57	7 10	0 13	8 22	0 31	3 55	1 21	19 11	0 37	23 23	0 9	22 20
T 21	20 45	17 21	4 16	22 59	1 6	6 44	0 20	8 35	0 32	3 56	1 21	19 12	0 37	23 22	0 9	22 20
W22	20 34	18 25	4 48	22 46	1 13	6 18	0 27	8 48	0 33	3 56	1 21	19 14	0 37	23 22	0 9	22 20
T 23	20 22	18 14	5 2	22 31	1 20	5 52	0 34	9 1	0 34	3 57	1 22	19 15	0 37	23 22	0 9	22 20
F 24	20 11	16 45	4 55	22 13	1 26	5 26	0 42	9 14	0 35	3 58	1 22	19 16	0 37	23 22	0 9	22 20
S 25	19 58	14 5	4 27	21 52	1 31	5 0	0 49	9 27	0 36	3 59	1 22	19 17	0 37	23 22	0 9	22 20
S 26	19 46	10 28	3 40	21 30	1 36	4 34	0 57	9 40	0 37	4 1	1 22	19 18	0 37	23 22	0 9	22 20
M27	19 33	6 14	2 38	21 5	1 40	4 8	1 5	9 53	0 38	4 2	1 23	19 20	0 38	23 22	0 9	22 20
T 28	19 19	1 45	1 28	20 37	1 42	3 43	1 13	10 6	0 39	4 3	1 23	19 21	0 38	23 22	0 9	22 20
W29	19 6	2s42	0 14	20 8	1 45	3 17	1 21	10 19	0 40	4 4	1 23	19 22	0 38	23 22	0 9	22 20
T 30	18 52	6 52	0n58	19 37	1 46	2 52	1 29	10 32	0 41	4 6	1 24	19 23	0 38	23 22	0 9	22 20
F 31	18n38	10s34	2n 5	19n 4	1n47	2n27	1s38	10s45	0s42	4s 7	1s24	19s24	0s38	23s21	0s 9	22n19

Julian Day Number = 2416296.5, Delta T = 2.77 sec
Ecliptic obliquity = 23°26'57, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°23'33, Lahiri = 22°30'34

ASTRODIENST EPHEMERIS for the year 1903

geocentric

AUGUST 1903

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 33 42	7♂34'10	15♂48	13♂26	20♂46	26♂44	22°R48	5°R52	22°R 1	4♂41	20♂15	8°R57	9♂57	0♂4	18°R53	S 1
S 2	20 37 39	8°31'34	28°16	15°26	21°29	27°18	22♂44	5♂48	22♂ 0	4°43	20°16	8♂55	9°54	0°11	18♂50	S 2
M 3	20 41 35	9°28'59	10♂31	17°24	22°10	27°52	22°40	5°43	21°59	4°45	20°17	8°51	9°50	0°17	18°47	M 3
T 4	20 45 32	10°26'24	22°36	19°20	22°50	28°27	22°36	5°39	21°57	4°47	20°18	8°45	9°47	0°24	18°43	T 4
W 5	20 49 28	11°23'51	4♂34	21°15	23°30	29° 1	22°32	5°34	21°56	4°49	20°19	8°36	9°44	0°31	18°40	W 5
T 6	20 53 25	12°21'18	16°28	23° 9	24° 8	29°36	22°28	5°30	21°55	4°51	20°20	8°26	9°41	0°38	18°37	T 6
F 7	20 57 22	13°18'46	28°21	25° 1	24°45	0♂11	22°24	5°26	21°53	4°53	20°21	8°16	9°38	0°44	18°34	F 7
S 8	21 1 18	14°16'15	10♂13	26°51	25°21	0°46	22°19	5°21	21°52	4°55	20°21	8° 6	9°35	0°51	18°31	S 8
S 9	21 5 15	15°13'45	22° 7	28°40	25°55	1°21	22°14	5°17	21°51	4°56	20°22	7°57	9°31	0°58	18°28	S 9
M10	21 9 11	16°11'16	4♂4	0♂27	26°29	1°57	22° 9	5°13	21°50	4°58	20°23	7°50	9°28	1° 4	18°25	M10
T 11	21 13 8	17° 8'48	16° 7	2°13	27° 1	2°32	22° 4	5° 8	21°49	5° 0	20°24	7°45	9°25	1°11	18°22	T 11
W12	21 17 4	18° 6'22	28°17	3°57	27°31	3° 8	21°59	5° 4	21°48	5° 2	20°25	7°43	9°22	1°18	18°19	W12
T 13	21 21 1	19° 3'56	10♂36	5°40	28° 0	3°44	21°54	5° 0	21°47	5° 3	20°26	7°D42	9°19	1°25	18°16	T 13
F 14	21 24 57	20° 1'33	23°10	7°21	28°28	4°20	21°48	4°55	21°46	5° 5	20°26	7°43	9°16	1°31	18°13	F 14
S 15	21 28 54	20°59'10	5♂59	9° 1	28°54	4°57	21°43	4°51	21°45	5° 7	20°27	7°44	9°12	1°38	18°10	S 15
S 16	21 32 51	21°56'50	19°10	10°39	29°18	5°33	21°37	4°47	21°44	5° 9	20°28	7°R45	9° 9	1°45	18° 8	S 16
M17	21 36 47	22°54'31	2♂43	12°16	29°41	6°10	21°31	4°43	21°44	5°10	20°29	7°45	9° 6	1°51	18° 5	M17
T 18	21 40 44	23°52'13	16°42	13°51	0♂2	6°46	21°25	4°39	21°43	5°12	20°30	7°43	9° 3	1°58	18° 2	T 18
W19	21 44 40	24°49'58	1♂5	15°25	0°21	7°23	21°18	4°35	21°42	5°13	20°30	7°39	9° 0	2° 5	18° 0	W19
T 20	21 48 37	25°47'44	15°51	16°58	0°38	8° 0	21°12	4°31	21°42	5°15	20°31	7°34	8°56	2°12	17°57	T 20
F 21	21 52 33	26°45'31	0♂52	18°29	0°54	8°37	21° 6	4°27	21°41	5°17	20°32	7°28	8°53	2°18	17°55	F 21
S 22	21 56 30	27°43'20	16° 1	19°58	1° 7	9°15	20°59	4°23	21°40	5°18	20°32	7°22	8°50	2°25	17°52	S 22
S 23	22 0 26	28°41'10	1♂7	21°26	1°19	9°52	20°52	4°19	21°40	5°20	20°33	7°17	8°47	2°32	17°50	S 23
M24	22 4 23	29°39'02	16° 1	22°53	1°28	10°30	20°45	4°15	21°39	5°21	20°34	7°14	8°44	2°38	17°48	M24
T 25	22 8 20	0♂36'55	0♂36	24°18	1°36	11° 7	20°38	4°12	21°39	5°22	20°34	7°D12	8°41	2°45	17°46	T 25
W26	22 12 16	1°34'50	14°45	25°41	1°41	11°45	20°31	4° 8	21°39	5°24	20°35	7°12	8°37	2°52	17°43	W26
T 27	22 16 13	2°32'46	28°27	27° 3	1°43	12°23	20°24	4° 4	21°38	5°25	20°35	7°13	8°34	2°58	17°41	T 27
F 28	22 20 9	3°30'43	11♂42	28°23	1°R44	13° 2	20°17	4° 1	21°38	5°27	20°36	7°15	8°31	3° 5	17°39	F 28
S 29	22 24 6	4°28'41	24°34	29°42	1°42	13°40	20° 9	3°57	21°38	5°28	20°36	7°16	8°28	3°12	17°37	S 29
S 30	22 28 2	5°26'41	7♂5	0♂59	1°38	14°18	20° 2	3°54	21°38	5°29	20°37	7°R17	8°25	3°19	17°35	S 30
M31	22 31 59	6♂24'42	19♂20	2♂14	1♂32	14♂57	19♂55	3♂50	21♂38	5♂31	20♂37	7♂16	8♂21	3♂25	17♂33	M31

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	18n23	13s39	3n 3	18n30	1n47	2n 2	1s47	10s58	0s42	4s 9	1s24	19s26	0s38	23s21	0s 9	22n19	1s 3	14n33	8s34	3s33	3s56	15s25	14s47	7n24			
S 2	18 8	16 1	3 52	17 54	1 46	1 37	1 55	11 11	0 43	4 11	1 24	19 27	0 38	23 21	0 9	22 19	1 3	14 33	8 34	3 32	3 55	15 24	14 48	7 24			
M 3	17 53	17 36	4 29	17 17	1 45	1 12	2 4	11 25	0 44	4 12	1 25	19 28	0 38	23 21	0 9	22 19	1 3	14 33	8 34	3 31	3 54	15 23	14 48	7 24			
T 4	17 38	18 22	4 53	16 39	1 43	0 48	2 14	11 38	0 45	4 14	1 25	19 29	0 38	23 21	0 9	22 19	1 3	14 33	8 34	3 28	3 53	15 22	14 49	7 24			
W 5	17 22	18 19	5 4	16 0	1 41	0 24	2 23	11 51	0 46	4 16	1 25	19 30	0 38	23 21	0 9	22 19	1 3	14 33	8 34	3 25	3 51	15 21	14 50	7 23			
T 6	17 6	17 26	5 2	15 21	1 38	0s 0	2 33	12 4	0 47	4 18	1 26	19 31	0 38	23 21	0 9	22 19	1 3	14 33	8 34	3 21	3 50	15 20	14 50	7 23			
F 7	16 50	15 49	4 46	14 40	1 34	0 24	2 42	12 17	0 48	4 20	1 26	19 33	0 38	23 21	0 9	22 19	1 3	14 33	8 34	3 17	3 49	15 19	14 51	7 23			
S 8	16 33	13 32	4 19	13 59	1 30	0 47	2 52	12 30	0 48	4 22	1 26	19 34	0 39	23 21	0 9	22 19	1 3	14 33	8 34	3 13	3 48	15 17	14 51	7 23			
S 9	16 17	10 41	3 40	13 17	1 26	1 10	3 2	12 43	0 49	4 24	1 26	19 35	0 39	23 21	0 9	22 19	1 3	14 33	8 34	3 9	3 46	15 16	14 52	7 22			
M10	15 59	7 22	2 51	12 35	1 21	1 32	3 12	12 56	0 50	4 26	1 27	19 36	0 39	23 21	0 9	22 19	1 3	14 33	8 35	3 6	3 45	15 15	14 53	7 22			
T 11	15 42	3 44	1 54	11 52	1 16	1 54	3 23	13 9	0 51	4 28	1 27	19 37	0 39	23 21	0 9	22 19	1 3	14 33	8 35	3 5	3 44	15 14	14 53	7 22			
W12	15 25	0n 5	0 51	11 9	1 10	2 16	3 33	13 22	0 52	4 31	1 27	19 38	0 39	23 21	0 9	22 19	1 3	14 33	8 35	3 4	3 43	15 13	14 54	7 22			
T 13	15 7	3 58	0s16	10 26	1 4	2 37	3 44	13 35	0 52	4 33	1 27	19 39	0 39	23 21	0 9	22 18	1 3	14 33	8 35	3 4	3 41	15 12	14 55	7 21			
F 14	14 49	7 44	1 23	9 43	0 58	2 58	3 54	13 48	0 53	4 36	1 28	19 40	0 39	23 21	0 9	22 18	1 3	14 33	8 35	3 4	3 40	15 11	14 55	7 21			
S 15	14 30	11 13	2 27	8 59	0 45	3 18	4 5	14 1	0 54	4 38	1 28	19 41	0 39	23 20	0 9	22 18	1 3	14 32	8 35	3 4	3 39	15 10	14 56	7 21			
S 16	14 12	14 14	3 25	8 16	0 51	3 38	4 16	14 14	0 55	4 40	1 28	19 43	0 39	23 20	0 9	22 18	1 3	14 32	8 35	3 5	3 38	15 9	14 57	7 20			
M17	13 53	16 34	4 14	7 32	0 37	3 57	4 27	14 27	0 55	4 43	1 28	19 44	0 39	23 20	0 9	22 18	1 3	14 32	8 35	3 5	3 36	15 7	14 57	7 20			
T 18	13 34	17 59	4 49	6 49	0 30	4 16	4 38	14 40	0 56	4 46	1 28	19 45	0 39	23 20	0 9	22 18	1 3	14 32	8 35	3 4	3 35	15 6	14 58	7 20			
W19	13 15	18 19	5 7	6 6	0 22	4 34	4 49	14 52	0 57	4 48	1 29	19 46	0 39	23 20	0 9	22 18	1 3	14 32	8 36	3 2	3 34	15 5	14 59	7 19			
T 20	12 56	17 26	5 6	5 23	0 15	4 51	5 1	15 5	0 57	4 51	1 29	19 47	0 39	23 20	0 9	22 18	1 3	14 32	8 36	3 0	3 33	15 4	14 59	7 19			
F 21	12 36	15 21	4 44	4 40	0 7	5 8	5 12	15 18	0 58	4 54	1 29	19 48	0 39	23 20	0 9	22 18	1 3	14 32	8 36	2 58	3 31	15 3	15 0	7 19			
S 22	12 16	12 11	4 2	3 57	0s 2	5 23	5 23	15 30	0 59	4 57	1 29	19 49	0 39	23 20	0 9	22 18	1 3	14 32	8 36	2 55	3 30	15 2	15 1	7 18			
S 23	11 56	8 13	3 4	3 15	0 10	5 38	5 35	15 43	0 59	4 59	1 29	19 50	0 40	23 20	0 9	22 18	1 3	14 32	8 36	2 54	3 29	15 1	15 1	7 18			
M24	11 36	3 47	1 53	2 33	0 18	5 52	5 46	15 55	1 0	5 2	1 30	19 51	0 40	23 20	0 9	22 18	1 3	14 32	8 36	2 52	3 28	15 0	15 2	7 17			
T 25	11 16	0s47	0 36	1 51	0 27	6 6	6 5	17 16	1 1	5 5	1 30	19 52	0 40	23 20	0 9	22 17	1 3	14 32	8 36	2 52	3 26	14 58	15 3	7 17			
W26	10 55	5 11	0n41	1 10	0 36	6 18	6 9	16 20	1 1	5 8	1 30	19 52	0 40	23 20	0 9	22 17	1 3	14 32	8 37	2 52	3 25	14 57	15 3	7 17			
T 27	10 34	9 10	1 53	0 30	0 44	6 29	6 20	16 33	1 2	5 11	1 30	19 53	0 40	23 20	0 9	22 17	1 3	14 31	8 37	2 52	3 24	14 56	15 4	7 16			
F 28	10 13	12 32	2 57	0s10	0 53	6 40	6 31	16 45	1 2	5 14	1 30	19 54	0 40	23 20	0 9	22 17	1 3	14 31	8 37	2 53	3 23	14 55	15 5	7 16			
S 29	9 52	15 12	3 50	0 50	1 2	6 49	6 42	16 57	1 3	5 17	1 30	19 55	0 40	23 20	0 9	22 17	1 3	14 31	8 37	2 53	3 21	14 54	15 5	7 15			
S 30	9 31	17 3	4 31	1 29	1 11	6 57	6 53	17 9	1 4	5 20	1 31	19 56	0 40	23 20	0 9	22 17	1 3	14 31	8 37	2 53	3 20	14 53	15 6	7 15			
M31	9n10	18s 4	4n58	2s 7	1s20	7s 4	7s 3	17s21	1s 4	5s23	1s31	19s57	0s40	23s20	0s 9	22n17	1s 3	14n31	8s37	2s53	3s19	14s52	15s 7	7n15			

ASTRODIENST EPHEMERIS for the year 1903

geocentric

SEPTEMBER 1903

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 35 55	7 ^h 22'45"	1 ^h 23'	3 ^h 27'	1 ^h 23'	15 ^h 36'	19 ^h 47'	3 ^h 47'	21 ^h 38'	5 ^h 32'	20 ^h 38'	7 ^h 14'	8 ^h 18'	3 ^h 32'	17 ^h 32'	T 1
W 2	22 39 52	8 ^h 20'49"	13 ^h 19'	4 ^h 39'	1 ^h 11'	16 ^h 14'	19 ^h 39'	3 ^h 44'	21 ^h 38'	5 ^h 33'	20 ^h 38'	7 ^h 10'	8 ^h 15'	3 ^h 39'	17 ^h 30'	W 2
T 3	22 43 49	9 ^h 18'54"	25 ^h 11'	5 ^h 49'	0 ^h 57'	16 ^h 53'	19 ^h 32'	3 ^h 40'	21 ^h 38'	5 ^h 34'	20 ^h 39'	7 ^h 6'	8 ^h 12'	3 ^h 45'	17 ^h 28'	T 3
F 4	22 47 45	10 ^h 17'01"	7 ^h 33'	6 ^h 56'	0 ^h 41'	17 ^h 32'	19 ^h 24'	3 ^h 37'	21 ^h 38'	5 ^h 35'	20 ^h 39'	7 ^h 1'	8 ^h 9'	3 ^h 52'	17 ^h 27'	F 4
S 5	22 51 42	11 ^h 15'10"	18 ^h 57'	8 ^h 1'	0 ^h 23'	18 ^h 12'	19 ^h 16'	3 ^h 34'	21 ^h 38'	5 ^h 37'	20 ^h 39'	6 ^h 57'	8 ^h 6'	3 ^h 59'	17 ^h 25'	S 5
S 6	22 55 38	12 ^h 13'20"	0 ^h 57'	9 ^h 4'	0 ^h 2'	18 ^h 51'	19 ^h 8'	3 ^h 31'	21 ^h 38'	5 ^h 38'	20 ^h 40'	6 ^h 53'	8 ^h 2'	4 ^h 6'	17 ^h 24'	S 6
M 7	22 59 35	13 ^h 11'31"	13 ^h 2'	10 ^h 5'	29 ^h 39'	19 ^h 30'	19 ^h 0'	3 ^h 28'	21 ^h 39'	5 ^h 39'	20 ^h 40'	6 ^h 50'	7 ^h 59'	4 ^h 12'	17 ^h 23'	M 7
T 8	23 3 31	14 ^h 9'45"	25 ^h 16'	11 ^h 3'	29 ^h 14'	20 ^h 10'	18 ^h 52'	3 ^h 25'	21 ^h 39'	5 ^h 40'	20 ^h 40'	6 ^h 48'	7 ^h 56'	4 ^h 19'	17 ^h 21'	T 8
W 9	23 7 28	15 ^h 8'00"	7 ^h 40'	11 ^h 58'	28 ^h 47'	20 ^h 50'	18 ^h 45'	3 ^h 23'	21 ^h 39'	5 ^h 41'	20 ^h 41'	6 ^h 48'	7 ^h 53'	4 ^h 26'	17 ^h 20'	W 9
T 10	23 11 24	16 ^h 6'17"	20 ^h 14'	12 ^h 51'	28 ^h 19'	21 ^h 29'	18 ^h 37'	3 ^h 20'	21 ^h 40'	5 ^h 42'	20 ^h 41'	6 ^h 48'	7 ^h 50'	4 ^h 32'	17 ^h 19'	T 10
F 11	23 15 21	17 ^h 4'36"	3 ^h 1'	13 ^h 40'	27 ^h 48'	22 ^h 9'	18 ^h 29'	3 ^h 17'	21 ^h 40'	5 ^h 43'	20 ^h 41'	6 ^h 50'	7 ^h 47'	4 ^h 39'	17 ^h 18'	F 11
S 12	23 19 17	18 ^h 2'57"	16 ^h 3'	14 ^h 26'	27 ^h 16'	22 ^h 49'	18 ^h 21'	3 ^h 15'	21 ^h 41'	5 ^h 44'	20 ^h 41'	6 ^h 51'	7 ^h 43'	4 ^h 46'	17 ^h 17'	S 12
S 13	23 23 14	19 ^h 1'21"	29 ^h 20'	15 ^h 9'	26 ^h 43'	23 ^h 30'	18 ^h 13'	3 ^h 12'	21 ^h 41'	5 ^h 45'	20 ^h 42'	6 ^h 52'	7 ^h 40'	4 ^h 53'	17 ^h 16'	S 13
M14	23 27 11	19 ^h 59'46"	12 ^h 55'	15 ^h 47'	26 ^h 8'	24 ^h 10'	18 ^h 5'	3 ^h 10'	21 ^h 42'	5 ^h 46'	20 ^h 42'	6 ^h 53'	7 ^h 37'	4 ^h 59'	17 ^h 15'	M14
T 15	23 31 7	20 ^h 58'14"	26 ^h 48'	16 ^h 22'	25 ^h 33'	24 ^h 50'	17 ^h 57'	3 ^h 8'	21 ^h 43'	5 ^h 47'	20 ^h 42'	6 ^h 53'	7 ^h 34'	5 ^h 6'	17 ^h 14'	T 15
W16	23 35 4	21 ^h 56'44"	10 ^h 59'	16 ^h 52'	24 ^h 56'	25 ^h 31'	17 ^h 49'	3 ^h 6'	21 ^h 43'	5 ^h 47'	20 ^h 42'	6 ^h 52'	7 ^h 31'	5 ^h 13'	17 ^h 13'	W16
T 17	23 39 0	22 ^h 55'16"	25 ^h 26'	17 ^h 17'	24 ^h 20'	26 ^h 11'	17 ^h 41'	3 ^h 4'	21 ^h 44'	5 ^h 48'	20 ^h 42'	6 ^h 51'	7 ^h 27'	5 ^h 19'	17 ^h 13'	T 17
F 18	23 42 57	23 ^h 53'50"	10 ^h 6'	17 ^h 37'	23 ^h 43'	26 ^h 52'	17 ^h 33'	3 ^h 2'	21 ^h 45'	5 ^h 49'	20 ^h 42'	6 ^h 50'	7 ^h 24'	5 ^h 26'	17 ^h 12'	F 18
S 19	23 46 53	24 ^h 52'27"	24 ^h 52'	17 ^h 52'	23 ^h 6'	27 ^h 33'	17 ^h 25'	3 ^h 0'	21 ^h 46'	5 ^h 50'	20 ^h 42'	6 ^h 48'	7 ^h 21'	5 ^h 33'	17 ^h 12'	S 19
S 20	23 50 50	25 ^h 51'05"	9 ^h 38'	18 ^h 1'	22 ^h 29'	28 ^h 14'	17 ^h 17'	2 ^h 58'	21 ^h 47'	5 ^h 50'	20 ^h 42'	6 ^h 47'	7 ^h 18'	5 ^h 39'	17 ^h 11'	S 20
M21	23 54 46	26 ^h 49'45"	24 ^h 17'	18 ^h 4'	21 ^h 53'	28 ^h 55'	17 ^h 9'	2 ^h 56'	21 ^h 48'	5 ^h 51'	20 ^h 42'	6 ^h 46'	7 ^h 15'	5 ^h 46'	17 ^h 11'	M21
T 22	23 58 43	27 ^h 48'28"	8 ^h 42'	18 ^h 0'	21 ^h 17'	29 ^h 36'	17 ^h 2'	2 ^h 54'	21 ^h 49'	5 ^h 52'	20 ^h 42'	6 ^h 46'	7 ^h 12'	5 ^h 53'	17 ^h 11'	T 22
W23	0 2 40	28 ^h 47'12"	22 ^h 47'	17 ^h 49'	20 ^h 43'	0 ^h 517'	16 ^h 54'	2 ^h 53'	21 ^h 50'	5 ^h 52'	20 ^h 42'	6 ^h 46'	7 ^h 8'	6 ^h 0'	17 ^h 11'	W23
T 24	0 6 36	29 ^h 45'58"	6 ^h 39'	17 ^h 32'	20 ^h 9'	0 ^h 59'	16 ^h 46'	2 ^h 51'	21 ^h 51'	5 ^h 53'	20 ^h 42'	6 ^h 47'	7 ^h 5'	6 ^h 6'	17 ^h 11'	T 24
F 25	0 10 33	0 ^h 44'46"	19 ^h 48'	17 ^h 7'	19 ^h 37'	1 ^h 40'	16 ^h 39'	2 ^h 50'	21 ^h 52'	5 ^h 53'	20 ^h 42'	6 ^h 48'	7 ^h 2'	6 ^h 13'	17 ^h 11'	F 25
S 26	0 14 29	1 ^h 43'36"	2 ^h 43'	16 ^h 34'	19 ^h 6'	2 ^h 22'	16 ^h 31'	2 ^h 49'	21 ^h 53'	5 ^h 54'	20 ^h 42'	6 ^h 48'	6 ^h 59'	6 ^h 20'	17 ^h 11'	S 26
S 27	0 18 26	2 ^h 42'28"	15 ^h 18'	15 ^h 55'	18 ^h 37'	3 ^h 4'	16 ^h 24'	2 ^h 48'	21 ^h 55'	5 ^h 54'	20 ^h 42'	6 ^h 48'	6 ^h 56'	6 ^h 26'	17 ^h 11'	S 27
M28	0 22 22	3 ^h 41'21"	27 ^h 36'	15 ^h 8'	18 ^h 10'	3 ^h 45'	16 ^h 17'	2 ^h 47'	21 ^h 56'	5 ^h 55'	20 ^h 42'	6 ^h 49'	6 ^h 52'	6 ^h 33'	17 ^h 11'	M28
T 29	0 26 19	4 ^h 40'16"	9 ^h 340'	14 ^h 15'	17 ^h 45'	4 ^h 27'	16 ^h 10'	2 ^h 46'	21 ^h 58'	5 ^h 55'	20 ^h 42'	6 ^h 49'	6 ^h 49'	6 ^h 40'	17 ^h 11'	T 29
W30	0 30 15	5 ^h 39'13"	21 ^h 36'	13 ^h 16'	17 ^h 22'	5 ^h 57'	16 ^h 3'	2 ^h 45'	21 ^h 59'	5 ^h 55'	20 ^h 42'	6 ^h 49'	6 ^h 46'	6 ^h 47'	17 ^h 12'	W30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
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ASTRODIENST EPHEMERIS for the year 1903

geocentric

OCTOBER 1903

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 34 12	6♂38'11	3♂28	12°R12	17°R 1	5♂51	15°R56	2°R44	22♂ 0	5♂56	20°R41	6°D49	6♂43	6♂53	17♂12	T 1
F 2	0 38 9	7°37'12	15°21	11♂5	16♂42	6°34	15♂49	2♂43	22° 2	5°56	20♂41	6♂49	6°40	7° 0	17°13	F 2
S 3	0 42 5	8°36'14	27°18	9°57	16°26	7°16	15°42	2°43	22° 4	5°56	20°41	6°49	6°37	7° 7	17°13	S 3
S 4	0 46 2	9°35'18	9♂22	8°48	16°12	7°58	15°35	2°42	22° 5	5°57	20°41	6°49	6°33	7°13	17°14	S 4
M 5	0 49 58	10°34'24	21°37	7°40	16° 1	8°41	15°29	2°42	22° 7	5°57	20°40	6°49	6°30	7°20	17°15	M 5
T 6	0 53 55	11°33'32	4♂ 5	6°37	15°52	9°23	15°22	2°42	22° 9	5°57	20°40	6°R49	6°27	7°27	17°16	T 6
W 7	0 57 51	12°32'41	16°46	5°38	15°45	10° 6	15°16	2°41	22°10	5°57	20°40	6°49	6°24	7°33	17°16	W 7
T 8	1 1 48	13°31'53	29°41	4°47	15°41	10°49	15°10	2°D41	22°12	5°57	20°39	6°49	6°21	7°40	17°17	T 8
F 9	1 5 44	14°31'07	12♂51	4° 4	15°D40	11°32	15° 4	2°41	22°14	5°57	20°39	6°48	6°18	7°47	17°19	F 9
S 10	1 9 41	15°30'24	26°14	3°31	15°40	12°15	14°58	2°41	22°16	5°R57	20°39	6°47	6°14	7°54	17°20	S 10
S 11	1 13 37	16°29'42	9♂50	3° 8	15°43	12°58	14°52	2°42	22°18	5°57	20°38	6°46	6°11	8° 0	17°21	S 11
M12	1 17 34	17°29'03	23°37	2°56	15°49	13°41	14°47	2°42	22°20	5°57	20°38	6°45	6° 8	8° 7	17°22	M12
T 13	1 21 31	18°28'26	7♂35	2°D55	15°57	14°24	14°42	2°42	22°22	5°57	20°37	6°44	6° 5	8°14	17°24	T 13
W14	1 25 27	19°27'52	21°41	3° 4	16° 7	15° 7	14°36	2°43	22°24	5°57	20°37	6°D44	6° 2	8°20	17°25	W14
T 15	1 29 24	20°27'20	5♂55	3°24	16°19	15°50	14°31	2°44	22°26	5°57	20°36	6°44	5°58	8°27	17°27	T 15
F 16	1 33 20	21°26'50	20°13	3°54	16°33	16°34	14°26	2°44	22°28	5°57	20°36	6°45	5°55	8°34	17°28	F 16
S 17	1 37 17	22°26'23	4♂33	4°34	16°49	17°17	14°22	2°45	22°30	5°56	20°35	6°46	5°52	8°40	17°30	S 17
S 18	1 41 13	23°25'57	18°51	5°22	17° 8	18° 1	14°17	2°46	22°33	5°56	20°35	6°48	5°49	8°47	17°32	S 18
M19	1 45 10	24°25'34	3♂ 3	6°17	17°28	18°45	14°13	2°47	22°35	5°56	20°34	6°R48	5°46	8°54	17°33	M19
T 20	1 49 6	25°25'13	17° 6	7°20	17°50	19°29	14° 8	2°48	22°37	5°56	20°34	6°48	5°43	9° 1	17°35	T 20
W21	1 53 3	26°24'54	0♂56	8°29	18°14	20°12	14° 4	2°49	22°40	5°55	20°33	6°47	5°39	9° 7	17°37	W21
T 22	1 57 0	27°24'37	14°28	9°43	18°40	20°56	14° 1	2°51	22°42	5°55	20°32	6°44	5°36	9°14	17°39	T 22
F 23	2 0 56	28°24'22	27°42	11° 1	19° 7	21°40	13°57	2°52	22°44	5°54	20°32	6°41	5°33	9°21	17°41	F 23
S 24	2 4 53	29°24'09	10♂36	12°24	19°36	22°25	13°53	2°54	22°47	5°54	20°31	6°38	5°30	9°27	17°44	S 24
S 25	2 8 49	0♂23'58	23°11	13°50	20° 7	23° 9	13°50	2°55	22°49	5°54	20°30	6°34	5°27	9°34	17°46	S 25
M26	2 12 46	1°23'49	5♂30	15°18	20°39	23°53	13°47	2°57	22°52	5°53	20°30	6°31	5°24	9°41	17°48	M26
T 27	2 16 42	2°23'41	17°35	16°49	21°12	24°37	13°44	2°59	22°55	5°52	20°29	6°29	5°20	9°47	17°50	T 27
W28	2 20 39	3°23'35	29°31	18°22	21°47	25°22	13°42	3° 1	22°57	5°52	20°28	6°D28	5°17	9°54	17°53	W28
T 29	2 24 35	4°23'30	11♂33	19°56	22°23	26° 6	13°39	3° 3	23° 0	5°51	20°28	6°28	5°14	10° 1	17°55	T 29
F 30	2 28 32	5°23'27	23°15	21°32	23° 1	26°51	13°37	3° 5	23° 3	5°51	20°27	6°29	5°11	10° 8	17°58	F 30
S 31	2 32 29	6♂23'26	5♂12	23♂9	23♂40	27♂35	13♂35	3♂7	23♂5	5♂50	20♂26	6♂31	5♂8	10♂14	18♂1	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	2s38	14s47	4n44	7s33	2s58	1s26	7s 7	22s34	1s18	6s58	1s32	20s13	0s41	23s21	0s 9	22n15
F 2	3 1	12 17	4 9	6 53	2 43	1 8	6 56	22 42	1 18	7 0	1 31	20 13	0 41	23 22	0 9	22 15
S 3	3 25	9 15	3 22	6 11	2 26	0 51	6 44	22 49	1 18	7 3	1 31	20 13	0 41	23 22	0 9	22 15
S 4	3 48	5 48	2 27	5 27	2 8	0 34	6 32	22 56	1 19	7 5	1 31	20 14	0 41	23 22	0 9	22 15
M 5	4 11	2 3	1 23	4 43	1 49	0 19	6 19	23 3	1 19	7 8	1 31	20 14	0 41	23 22	0 9	22 15
T 6	4 34	1n51	0 15	3 59	1 29	0 4	6 7	23 10	1 19	7 10	1 31	20 14	0 41	23 22	0 9	22 15
W 7	4 58	5 45	0s55	3 17	1 8	0n11	5 54	23 17	1 19	7 12	1 31	20 14	0 41	23 22	0 9	22 15
T 8	5 21	9 26	2 3	2 38	0 48	0 24	5 41	23 23	1 20	7 15	1 31	20 14	0 41	23 22	0 9	22 15
F 9	5 44	12 44	3 7	2 2	0 28	0 37	5 28	23 30	1 20	7 17	1 31	20 14	0 41	23 22	0 9	22 15
S 10	6 6	15 25	4 1	1 31	0 8	0 48	5 15	23 36	1 20	7 19	1 31	20 14	0 41	23 22	0 9	22 15
S 11	6 29	17 17	4 42	1 5	0n11	0 59	5 2	23 41	1 20	7 21	1 30	20 14	0 41	23 23	0 9	22 15
M12	6 52	18 10	5 8	0 44	0 28	1 9	4 49	23 47	1 21	7 23	1 30	20 14	0 41	23 23	0 9	22 15
T 13	7 15	17 58	5 17	0 29	0 44	1 18	4 36	23 52	1 21	7 25	1 30	20 14	0 41	23 23	0 9	22 15
W14	7 37	16 40	5 6	0 19	0 59	1 26	4 24	23 58	1 21	7 27	1 30	20 14	0 41	23 23	0 9	22 15
T 15	8 0	14 20	4 37	0 15	1 12	1 33	4 11	24 2	1 21	7 29	1 30	20 13	0 41	23 23	0 9	22 15
F 16	8 22	11 7	3 30	0 17	1 23	1 39	3 58	24 7	1 21	7 30	1 30	20 13	0 41	23 23	0 9	22 15
S 17	8 44	7 13	2 49	0 23	1 33	1 44	3 46	24 12	1 21	7 32	1 30	20 13	0 41	23 23	0 9	22 15
S 18	9 6	2 55	1 38	0 34	1 42	1 48	3 33	24 16	1 22	7 34	1 29	20 13	0 41	23 23	0 9	22 15
M19	9 28	1s32	0 21	0 50	1 49	1 52	3 21	24 20	1 22	7 35	1 29	20 13	0 41	23 24	0 9	22 15
T 20	9 50	5 51	0n57	1 10	1 54	1 54	3 9	24 24	1 22	7 37	1 29	20 12	0 41	23 24	0 9	22 15
W21	10 12	9 47	2 9	1 33	1 59	1 56	2 58	24 27	1 22	7 38	1 29	20 12	0 41	23 24	0 9	22 15
T 22	10 33	13 7	3 13	1 59	2 2	1 57	2 46	24 30	1 22	7 39	1 29	20 12	0 41	23 24	0 9	22 15
F 23	10 55	15 41	4 5	2 28	2 4	1 56	2 35	24 33	1 22	7 41	1 28	20 12	0 41	23 24	0 9	22 15
S 24	11 16	17 23	4 43	2 59	2 5	1 55	2 23	24 36	1 22	7 42	1 28	20 11	0 41	23 24	0 9	22 15
S 25	11 37	18 11	5 6	3 32	2 5	1 53	2 12	24 39	1 22	7 43	1 28	20 11	0 41	23 24	0 9	22 15
M26	11 58	18 6	5 14	4 7	2 4	1 51	2 2	24 41	1 22	7 44	1 28	20 10	0 41	23 24	0 9	22 15
T 27	12 19	17 12	5 8	4 44	2 2	1 47	1 51	24 43	1 23	7 45	1 28	20 10	0 41	23 25	0 9	22 15
W28	12 39	15 33	4 49	5 21	2 0	1 43	1 41	24 45	1 23	7 46	1 27	20 10	0 41	23 25	0 9	22 15
T 29	12 59	13 14	4 18	6 0	1 57	1 38	1 30	24 46	1 23	7 46	1 27	20 9	0 41	23 25	0 9	22 15
F 30	13 19	10 23	3 35	6 39	1 53	1 32	1 21	24 47	1 23	7 47	1 27	20 9	0 41	23 25	0 9	22 15
S 31	13s39	7s 4	2n43	7s18	1n49	1n26	1s11	24s48	1s23	7s48	1s27	20s 8	0s41	23s25	0s 9	22n15

Julian Day Number = 2416388.5, Delta T = 3.14 sec
 Ecliptic obliquity = 23°26'58, Nutation = 0°00'02, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 23°23'46, Lahiri = 22°30'46

ASTRODIENST EPHEMERIS for the year 1903

geocentric

NOVEMBER 1903

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 36 25	7♈23°27	17♋20	24♊46	24♏20	28♌20	13°R33	3♈9	23♌8	5°R49	20°R25	6♊33	5♊4	10♈21	18♋3	S 1
M 2	2 40 22	8°23'29	29°41	26°23	25°1	29°5	13°31	3°12	23°11	5°49	20°12	6°34	5°1	10°28	18°6	M 2
T 3	2 44 18	9°23'32	12°17	28°2	25°43	29°50	13°30	3°14	23°14	5°48	20°24	6°R34	4°58	10°34	18°9	T 3
W 4	2 48 15	10°23'38	25°17	29°40	26°27	0♈35	13°28	3°17	23°17	5°47	20°23	6°32	4°55	10°41	18°12	W 4
T 5	2 52 11	11°23'45	8♋34	1♈18	27°11	1°20	13°27	3°20	23°20	5°46	20°22	6°29	4°52	10°48	18°15	T 5
F 6	2 56 8	12°23'54	22°9	2°57	27°57	2°5	13°26	3°22	23°23	5°45	20°21	6°24	4°49	10°54	18°18	F 6
S 7	3 0 4	13°24'05	6♈0	4°35	28°43	2°50	13°26	3°25	23°25	5°44	20°20	6°19	4°45	11°1	18°21	S 7
S 8	3 4 1	14°24'18	20°4	6°13	29°30	3°35	13°25	3°28	23°28	5°44	20°19	6°12	4°42	11°8	18°24	S 8
M 9	3 7 58	15°24'33	4♈15	7°51	0♈19	4°20	13°25	3°31	23°32	5°43	20°18	6°7	4°39	11°14	18°28	M 9
T 10	3 11 54	16°24'50	18°29	9°29	1°8	5°5	13°D25	3°34	23°35	5°42	20°17	6°2	4°36	11°21	18°31	T 10
W11	3 15 51	17°25'09	2♈44	11°7	1°58	5°51	13°25	3°38	23°38	5°41	20°16	5°59	4°33	11°28	18°34	W11
T 12	3 19 47	18°25'29	16°55	12°44	2°49	6°36	13°25	3°41	23°41	5°40	20°15	5°D58	4°29	11°35	18°38	T 12
F 13	3 23 44	19°25'52	1♏1	14°21	3°40	7°21	13°26	3°44	23°44	5°39	20°15	5°59	4°26	11°41	18°41	F 13
S 14	3 27 40	20°26'17	15°1	15°58	4°33	8°7	13°27	3°48	23°47	5°38	20°14	6°0	4°23	11°48	18°45	S 14
S 15	3 31 37	21°26'44	28°54	17°34	5°26	8°52	13°28	3°51	23°50	5°36	20°13	6°R1	4°20	11°55	18°48	S 15
M16	3 35 33	22°27'12	12♊39	19°11	6°20	9°38	13°29	3°55	23°53	5°35	20°12	6°1	4°17	12°1	18°52	M16
T 17	3 39 30	23°27'42	26°14	20°47	7°14	10°24	13°30	3°59	23°57	5°34	20°11	5°59	4°14	12°8	18°56	T 17
W18	3 43 27	24°28'14	9♈40	22°23	8°9	11°9	13°32	4°3	24°0	5°33	20°9	5°55	4°10	12°15	19°0	W18
T 19	3 47 23	25°28'48	22°53	23°58	9°5	11°55	13°34	4°6	24°3	5°32	20°8	5°48	4°7	12°21	19°3	T 19
F 20	3 51 20	26°29'23	5♌52	25°34	10°1	12°41	13°36	4°10	24°7	5°31	20°7	5°40	4°4	12°28	19°7	F 20
S 21	3 55 16	27°30'00	18°37	27°9	10°58	13°27	13°38	4°15	24°10	5°29	20°6	5°30	4°1	12°35	19°11	S 21
S 22	3 59 13	28°30'38	1♈7	28°44	11°55	14°13	13°40	4°19	24°13	5°28	20°5	5°20	3°58	12°42	19°15	S 22
M23	4 3 9	29°31'17	13°23	0♌18	12°53	14°59	13°43	4°23	24°17	5°27	20°4	5°10	3°55	12°48	19°19	M23
T 24	4 7 6	0♌31'58	25°27	1°53	13°52	15°45	13°46	4°27	24°20	5°25	20°3	5°3	3°51	12°55	19°23	T 24
W25	4 11 2	1°32'40	7♈22	3°27	14°51	16°31	13°49	4°32	24°23	5°24	20°2	4°57	3°48	13°2	19°27	W25
T 26	4 14 59	2°33'23	19°12	5°1	15°50	17°17	13°52	4°36	24°27	5°23	20°1	4°54	3°45	13°8	19°32	T 26
F 27	4 18 56	3°34'07	1♈2	6°35	16°50	18°3	13°55	4°41	24°30	5°21	20°0	4°D53	3°42	13°15	19°36	F 27
S 28	4 22 52	4°34'51	12°57	8°9	17°51	18°50	13°59	4°45	24°34	5°20	19°59	4°53	3°39	13°22	19°40	S 28
S 29	4 26 49	5°35'37	25°3	9°43	18°51	19°36	14°3	4°50	24°37	5°19	19°58	4°54	3°35	13°28	19°44	S 29
M30	4 30 45	6♌36'24	7♏24	11♌17	19♊53	20♋22	14♈7	4♈55	24♌41	5°17	19°56	4°R54	3♊32	13♈35	19♋49	M30

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	13s59	3s25	1n43	7s58	1n45	1n19	1s 1	24s49	1s23	7s48	1s27	20s 8	0s41	23s25	0s 9	22n15	1s 5	14n22	8s45	2s36	2s 1	13s36	15s34	6n43			
M 2	14 18	0n27	0 38	8 38	1 40	1 11	0 52	24 50	1 23	7 49	1 26	20 7	0 41	23 25	0 9	22 15	1 5	14 22	8 46	2 36	2 0	13 35	15 34	6 43			
T 3	14 38	4 23	0s31	9 18	1 35	1 3	0 43	24 50	1 23	7 49	1 26	20 6	0 41	23 26	0 9	22 15	1 5	14 22	8 46	2 36	1 58	13 34	15 34	6 42			
W 4	14 57	8 13	1 40	9 58	1 30	0 53	0 34	24 50	1 23	7 49	1 26	20 6	0 41	23 26	0 9	22 15	1 5	14 22	8 46	2 36	1 57	13 32	15 34	6 42			
T 5	15 15	11 45	2 46	10 37	1 24	0 44	0 26	24 49	1 23	7 50	1 26	20 5	0 41	23 26	0 9	22 15	1 5	14 21	8 46	2 35	1 56	13 31	15 34	6 42			
F 6	15 34	14 43	3 43	11 17	1 18	0 33	0 17	24 49	1 23	7 50	1 26	20 5	0 41	23 26	0 9	22 15	1 5	14 21	8 46	2 33	1 55	13 30	15 34	6 41			
S 7	15 52	16 55	4 28	11 56	1 12	0 22	0 9	24 48	1 23	7 50	1 25	20 4	0 41	23 26	0 9	22 15	1 5	14 21	8 46	2 30	1 53	13 28	15 34	6 41			
S 8	16 10	18 7	4 58	12 34	1 5	0 11	0 1	24 47	1 23	7 50	1 25	20 3	0 41	23 26	0 9	22 15	1 5	14 21	8 46	2 28	1 52	13 27	15 34	6 40			
M 9	16 28	18 13	5 10	13 12	0 59	0s 1	0n 7	24 45	1 23	7 50	1 25	20 3	0 41	23 27	0 9	22 15	1 5	14 21	8 46	2 26	1 51	13 26	15 34	6 40			
T 10	16 45	17 10	5 3	13 50	0 53	0 14	0 14	24 44	1 23	7 49	1 25	20 2	0 41	23 27	0 9	22 15	1 5	14 21	8 46	2 24	1 50	13 25	15 34	6 39			
W11	17 2	15 4	4 37	14 26	0 46	0 27	0 21	24 42	1 23	7 49	1 24	20 1	0 41	23 27	0 9	22 15	1 5	14 21	8 46	2 23	1 48	13 23	15 34	6 39			
T 12	17 19	12 3	3 55	15 3	0 39	0 41	0 28	24 40	1 23	7 49	1 24	20 0	0 41	23 27	0 9	22 15	1 5	14 21	8 46	2 22	1 47	13 22	15 34	6 39			
F 13	17 36	8 21	2 58	15 38	0 32	0 55	0 35	24 37	1 23	7 48	1 24	20 0	0 41	23 27	0 9	22 15	1 5	14 20	8 46	2 23	1 46	13 21	15 34	6 38			
S 14	17 52	4 12	1 51	16 13	0 26	1 10	0 42	24 34	1 23	7 48	1 24	19 59	0 41	23 27	0 9	22 15	1 5	14 20	8 46	2 23	1 45	13 19	15 34	6 38			
S 15	18 8	0s 9	0 38	16 47	0 19	1 25	0 49	24 31	1 22	7 47	1 23	19 58	0 41	23 27	0 9	22 15	1 5	14 20	8 46	2 24	1 43	13 18	15 34	6 37			
M16	18 23	4 27	0n36	17 20	0 12	1 40	0 55	24 28	1 22	7 47	1 23	19 57	0 41	23 28	0 9	22 15	1 5	14 20	8 46	2 24	1 42	13 17	15 34	6 37			
T 17	18 39	8 28	1 47	17 52	0 5	1 56	1 1	24 24	1 22	7 46	1 23	19 56	0 41	23 28	0 9	22 15	1 5	14 20	8 47	2 23	1 41	13 16	15 34	6 37			
W18	18 54	12 0	2 51	18 24	0s 1	2 13	1 7	24 21	1 22	7 45	1 23	19 55	0 41	23 28	0 9	22 15	1 5	14 20	8 47	2 21	1 40	13 14	15 34	6 36			
T 19	19 8	14 52	3 45	18 54	0 8	2 29	1 12	24 17	1 22	7 44	1 22	19 54	0 41	23 28	0 9	22 15	1 5	14 20	8 47	2 18	1 38	13 13	15 34	6 36			
F 20	19 23	16 56	4 26	19 24	0 15	2 47	1 18	24 12	1 22	7 43	1 22	19 53	0 41	23 28	0 9	22 15	1 5	14 20	8 47	2 15	1 37	13 12	15 33	6 35			
S 21	19 37	18 6	4 53	19 53	0 21	3 4	1 23	24 7	1 22	7 42	1 22	19 52	0 41	23 28	0 9	22 15	1 5	14 20	8 47	2 11	1 36	13 10	15 33	6 35			
S 22	19 50	18 22	5 5	20 20	0 28	3 22	1 28	24 3	1 22	7 41	1 22	19 51	0 41	23 29	0 9	22 15	1 5	14 19	8 47	2 7	1 35	13 9	15 33	6 35			
M23	20 3	17 45	5 3	20 47	0 34	3 40	1 33	23 57	1 21	7 40	1 22	19 50	0 41	23 29	0 9	22 15	1 5	14 19	8 47	2 3	1 33	13 8	15 33	6 34			
T 24	20 16	16 22	4 47	21 13	0 41	3 58	1 38	23 52	1 21	7 38	1 21	19 49	0 41	23 29	0 9	22 15	1 5	14 19	8 47	2 0	1 32	13 6	15 33	6 34			
W25	20 29	14 16	4 19	21 37	0 47	4 17	1 42	23 46	1 21	7 37	1 21	19 48	0 41	23 29	0 9	22 15	1 5	14 19	8 47	1 58	1 31	13 5	15 33	6 34			
T 26	20 41	11 36	3 40	22 1	0 53	4 35	1 47	23 40	1 21	7 35	1 21	19 47	0 41	23 29	0 9	22 15	1 5	14 19	8 47	1 57	1 29	13 4	15 32	6 33			
F 27	20 53	8 27	2 51	22 23	0 59	4 55	1 51	23 34	1 21	7 34	1 21	19 46	0 41	23 29	0 9	22 15	1 5	14 19	8 47	1 56	1 28	13 3	15 32	6 33			
S 28	21 4	4 56	1 55	22 45	1 5	5 14	1 55	23 27	1 21	7 32	1 20	19 45	0 41	23 29	0 9	22 15	1 5	14 19	8 47	1 56	1 27	13 1	15 32	6 33			
S 29	21 15	1 10	0 53	23 5	1 11	5 33	1 59	23 21	1 20	7 31	1 20	19 44	0 41	23 30	0 9	22 15	1 5	14 19	8 47	1 57	1 26	13 0	15 32	6 32			
M30	21s25	2n44	0s13	23s24	1s16	5s53	2n 2	23s14	1s20	7s29	1s20	19s43	0s41	23s30	0s 9	22n15	1s 5	14n19	8s47	1s57	1s24	12s58	15s31	6n32			

ASTRODIENST EPHEMERIS for the year 1903
geocentric

DECEMBER 1903

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 34 42	7♂37'12	20♂ 6	12♂51	20♂54	21♂ 9	14♂11	5♂ 0	24♂44	5♂R16	19♂R55	4♂R53	3♂29	13♂42	19♂53	T 1
W 2	4 38 38	8♂38'01	3♂11	14♂24	21♂56	21♂55	14♂15	5♂ 5	24♂48	5♂14	19♂II54	4♂49	3♂26	13♂48	19♂58	W 2
T 3	4 42 35	9♂38'51	16♂42	15♂58	22♂59	22♂41	14♂20	5♂10	24♂51	5♂13	19♂53	4♂43	3♂23	13♂55	20♂ 2	T 3
F 4	4 46 31	10♂39'42	0♂II37	17♂32	24♂ 1	23♂28	14♂25	5♂15	24♂55	5♂11	19♂52	4♂35	3♂20	14♂ 2	20♂ 7	F 4
S 5	4 50 28	11♂40'34	14♂54	19♂ 5	25♂ 4	24♂14	14♂30	5♂20	24♂58	5♂10	19♂51	4♂24	3♂16	14♂ 8	20♂11	S 5
S 6	4 54 25	12♂41'27	29♂27	20♂39	26♂ 8	25♂ 1	14♂35	5♂25	25♂ 2	5♂ 8	19♂50	4♂13	3♂13	14♂15	20♂16	S 6
M 7	4 58 21	13♂42'21	14♂ 7	22♂12	27♂12	25♂47	14♂40	5♂30	25♂ 6	5♂ 7	19♂48	4♂ 3	3♂10	14♂22	20♂21	M 7
T 8	5 2 18	14♂43'16	28♂48	23♂46	28♂16	26♂34	14♂45	5♂36	25♂ 9	5♂ 5	19♂47	3♂54	3♂ 7	14♂29	20♂25	T 8
W 9	5 6 14	15♂44'13	13♂22	25♂19	29♂20	27♂21	14♂51	5♂41	25♂13	5♂ 4	19♂46	3♂48	3♂ 4	14♂35	20♂30	W 9
T 10	5 10 11	16♂45'11	27♂45	26♂52	0♂II25	28♂ 7	14♂57	5♂46	25♂16	5♂ 2	19♂45	3♂44	3♂ 1	14♂42	20♂35	T 10
F 11	5 14 7	17♂46'09	11♂54	28♂26	1♂30	28♂54	15♂ 3	5♂52	25♂20	5♂ 0	19♂44	3♂43	2♂57	14♂49	20♂39	F 11
S 12	5 18 4	18♂47'09	25♂47	29♂59	2♂36	29♂41	15♂ 9	5♂58	25♂24	4♂59	19♂43	3♂D43	2♂54	14♂55	20♂44	S 12
S 13	5 22 0	19♂48'10	9♂26	1♂32	3♂41	0♂27	15♂15	6♂ 3	25♂27	4♂57	19♂41	3♂R43	2♂51	15♂ 2	20♂49	S 13
M14	5 25 57	20♂49'13	22♂51	3♂ 6	4♂47	1♂14	15♂22	6♂ 9	25♂31	4♂55	19♂40	3♂41	2♂48	15♂ 9	20♂54	M14
T 15	5 29 54	21♂50'16	6♂ 5	4♂38	5♂53	2♂ 1	15♂28	6♂15	25♂34	4♂54	19♂39	3♂38	2♂45	15♂15	20♂59	T 15
W16	5 33 50	22♂51'20	19♂ 6	6♂11	7♂ 0	2♂48	15♂35	6♂20	25♂38	4♂52	19♂38	3♂31	2♂41	15♂22	21♂ 4	W16
T 17	5 37 47	23♂52'25	1♂58	7♂44	8♂ 6	3♂35	15♂42	6♂26	25♂42	4♂51	19♂37	3♂21	2♂38	15♂29	21♂ 9	T 17
F 18	5 41 43	24♂53'31	14♂38	9♂16	9♂13	4♂22	15♂49	6♂32	25♂45	4♂49	19♂36	3♂ 9	2♂35	15♂35	21♂14	F 18
S 19	5 45 40	25♂54'37	27♂ 8	10♂48	10♂20	5♂ 9	15♂57	6♂38	25♂49	4♂47	19♂34	2♂54	2♂32	15♂42	21♂19	S 19
S 20	5 49 36	26♂55'44	9♂27	12♂19	11♂28	5♂55	16♂ 4	6♂44	25♂53	4♂46	19♂33	2♂40	2♂29	15♂49	21♂24	S 20
M21	5 53 33	27♂56'52	21♂36	13♂50	12♂35	6♂42	16♂12	6♂50	25♂56	4♂44	19♂32	2♂26	2♂26	15♂56	21♂29	M21
T 22	5 57 29	28♂58'00	3♂35	15♂20	13♂43	7♂29	16♂20	6♂56	26♂ 0	4♂42	19♂31	2♂14	2♂22	16♂ 2	21♂34	T 22
W23	6 1 26	29♂59'08	15♂27	16♂49	14♂51	8♂16	16♂28	7♂ 3	26♂ 4	4♂40	19♂30	2♂ 4	2♂19	16♂ 9	21♂39	W23
T 24	6 5 23	1♂ 0'16	27♂15	18♂16	15♂59	9♂ 3	16♂36	7♂ 9	26♂ 7	4♂39	19♂29	1♂58	2♂16	16♂16	21♂45	T 24
F 25	6 9 19	2♂ 1'25	9♂ 3	19♂43	17♂ 7	9♂50	16♂44	7♂15	26♂11	4♂37	19♂28	1♂54	2♂13	16♂22	21♂50	F 25
S 26	6 13 16	3♂ 2'34	20♂56	21♂ 7	18♂16	10♂38	16♂52	7♂21	26♂14	4♂35	19♂26	1♂53	2♂10	16♂29	21♂55	S 26
S 27	6 17 12	4♂ 3'42	2♂58	22♂30	19♂24	11♂25	17♂ 1	7♂28	26♂18	4♂34	19♂25	1♂53	2♂ 7	16♂36	22♂ 0	S 27
M28	6 21 9	5♂ 4'51	15♂15	23♂50	20♂33	12♂12	17♂10	7♂34	26♂22	4♂32	19♂24	1♂52	2♂ 3	16♂42	22♂ 5	M28
T 29	6 25 5	6♂ 6'00	27♂53	25♂ 8	21♂42	12♂59	17♂18	7♂41	26♂25	4♂30	19♂23	1♂51	2♂ 0	16♂49	22♂11	T 29
W30	6 29 2	7♂ 7'08	10♂56	26♂22	22♂51	13♂46	17♂27	7♂47	26♂29	4♂29	19♂22	1♂47	1♂57	16♂56	22♂16	W30
T 31	6 32 58	8♂ 8'17	24♂28	27♂32	24♂ 1	14♂33	17♂36	7♂54	26♂32	4♂27	19♂II21	1♂41	1♂54	17♂ 2	22♂21	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
T 1	21s35	6n37	1s20	23s42	1s22	6s13	2n 6	23s 6	1s20	7s27	1s20	19s42	0s41	23s30	0s 9	22n16	1s 5	14n19	8s47	1s56	1s23	12s57	15s31	6n32	
W 2	21 45	10 19	2 25	23 59	1 27	6 33	2 9	22 59	1 20	7 25	1 19	19 41	0 41	23 30	0 9	22 16	1 5	14 19	8 47	1 55	1 22	12 56	15 31	6 31	
T 3	21 54	13 35	3 23	24 14	1 32	6 53	2 12	22 51	1 20	7 23	1 19	19 39	0 42	23 30	0 9	22 16	1 5	14 18	8 47	1 53	1 21	12 54	15 30	6 31	
F 4	22 3	16 11	4 11	24 28	1 37	7 14	2 15	22 43	1 19	7 21	1 19	19 38	0 42	23 30	0 9	22 16	1 5	14 18	8 47	1 49	1 19	12 53	15 30	6 31	
S 5	22 12	17 52	4 45	24 41	1 41	7 34	2 18	22 34	1 19	7 19	1 19	19 37	0 42	23 30	0 9	22 16	1 5	14 18	8 47	1 45	1 18	12 52	15 30	6 30	
S 6	22 20	18 26	5 1	24 53	1 46	7 55	2 21	22 26	1 19	7 17	1 18	19 36	0 42	23 31	0 9	22 16	1 5	14 18	8 47	1 41	1 17	12 50	15 29	6 30	
M 7	22 27	17 46	4 58	25 3	1 50	8 15	2 23	22 17	1 19	7 15	1 18	19 34	0 42	23 31	0 9	22 16	1 5	14 18	8 47	1 37	1 16	12 49	15 29	6 30	
T 8	22 34	15 56	4 34	25 12	1 54	8 36	2 25	22 8	1 18	7 12	1 18	19 33	0 42	23 31	0 9	22 16	1 5	14 18	8 47	1 33	1 14	12 48	15 28	6 30	
W 9	22 41	13 5	3 54	25 19	1 57	8 57	2 27	21 58	1 18	7 10	1 18	19 32	0 42	23 31	0 9	22 16	1 5	14 18	8 47	1 30	1 13	12 46	15 28	6 29	
T 10	22 47	9 28	2 58	25 25	2 1	9 17	2 29	21 49	1 18	7 7	1 18	19 30	0 42	23 31	0 9	22 16	1 5	14 18	8 47	1 29	1 12	12 45	15 28	6 29	
F 11	22 53	5 22	1 53	25 30	2 4	9 38	2 31	21 39	1 17	7 5	1 17	19 29	0 42	23 31	0 9	22 16	1 5	14 18	8 47	1 29	1 11	12 44	15 27	6 29	
S 12	22 59	1 2	0 42	25 33	2 7	9 59	2 33	21 29	1 17	7 2	1 17	19 28	0 42	23 31	0 9	22 16	1 5	14 18	8 47	1 29	1 9	12 42	15 27	6 29	
S 13	23 3	3s17	0n30	25 35	2 9	10 20	2 34	21 19	1 17	7 0	1 17	19 26	0 42	23 32	0 9	22 16	1 5	14 18	8 47	1 29	1 8	12 41	15 26	6 28	
M14	23 8	7 21	1 40	25 36	2 11	10 41	2 36	21 8	1 17	6 57	1 17	19 25	0 42	23 32	0 9	22 16	1 5	14 18	8 46	1 28	1 7	12 39	15 26	6 28	
T 15	23 12	11 0	2 42	25 35	2 13	11 1	2 37	20 57	1 16	6 54	1 16	19 24	0 42	23 32	0 9	22 16	1 5	14 18	8 46	1 27	1 5	12 38	15 25	6 28	
W16	23 15	14 3	3 35	25 32	2 14	11 22	2 38	20 46	1 16	6 51	1 16	19 22	0 42	23 32	0 9	22 16	1 5	14 18	8 46	1 24	1 4	12 37	15 25	6 28	
T 17	23 18	16 22	4 17	25 28	2 15	11 42	2 39	20 35	1 16	6 48	1 16	19 21	0 42	23 32	0 9	22 16	1 5	14 18	8 46	1 20	1 3	12 35	15 24	6 28	
F 18	23 21	17 51	4 45	25 22	2 15	12 3	2 40	20 24	1 15	6 45	1 16	19 19	0 42	23 32	0 9	22 16	1 5	14 18	8 46	1 15	1 2	12 34	15 24	6 27	
S 19	23 23	18 27	4 58	25 15	2 15	12 23	2 40	20 12	1 15	6 42	1 16	19 18	0 42	23 32	0 9	22 17	1 5	14 18	8 46	1 9	1 0	12 33	15 23	6 27	
S 20	23 25	18 10	4 58	25 6	2 14	12 43	2 41	20 0	1 15	6 39	1 15	19 16	0 42	23 32	0 9	22 17	1 5	14 18	8 46	1 4	0 59	12 31	15 22	6 27	
M21	23 26	17 3	4 43	24 56	2 13	13 4	2 41	19 48	1 14	6 36	1 15	19 15	0 42	23 33	0 9	22 17	1 5	14 18	8 46	0 58	0 58	12 30	15 22	6 27	
T 22	23 27	15 12	4 17	24 44	2 11	13 24	2 42	19 36	1 14	6 33	1 15	19 13	0 42	23 33	0 9	22 17	1 5	14 18	8 46	0 53	0 57	12 29	15 21	6 27	
W23	23 27	12 43	3 39	24 31	2 9	13 43	2 42	19 23	1 13	6 30	1 15	19 12	0 42	23 33	0 9	22 17	1 5	14 18	8 46	0 49	0 55	12 27	15 21	6 26	
T 24	23 27	9 44	2 52	24 17	2 6	14 3	2 42	19 10	1 13	6 26	1 15	19 10	0 42	23 33	0 9	22 17	1 5	14 18	8 46	0 47	0 54	12 26	15 20	6 26	
F 25	23 26	6 22	1 58	24 1	2 2	14 22	2 42	18 57	1 13	6 23	1 14	19 9	0 42	23 33	0 9	22 17	1 5	14 18	8 46	0 45	0 53	12 24	15 19	6 26	
S 26	23 25	2 43	0 58	23 44	1 58	14 41	2 41	18 44	1 12	6 19	1 14	19 7	0 42	23 33	0 9	22 17	1 5	14 18	8 46	0 45	0 52	12 23	15 19	6 26	
S 27	23 23	1n 5	0s 6	23 25	1 52	15 0	2 41	18 31	1 12	6 16	1 14	19 5	0 42	23 33	0 9	22 17	1 5	14 18	8 46	0 45	0 50	12 22	15 18	6 26	
M28	23 21	4 56	1 10	23 5	1 46	15 19	2 40	18 17	1 11	6 12	1 14	19 4	0 42	23 33	0 9	22 17	1 5	14 18	8 45	0 45	0 49	12 20	15 17	6 26	
T 29	23 19	8 39	2 13	22 45	1 39	15 38	2 40	18 4	1 11	6 9	1 14	19 2	0 42	23 33	0 9	22 17	1 5	14 18	8 45	0 44	0 48	12 19	15 17	6 26	
W30	23 15	12 5	3 11	22 23	1 31	15 56	2 39	17 50	1 11	6 5	1 13	19 1	0 42	23 34	0 9	22 17	1 5	14 18	8 45	0 43	0 47	12 17	15 16	6 26	
T 31	23s12	15n 1	4s 0	22s 0	1s22	16s14	2n38	17s36	1s10	6s 1	1s13	18s59	0s42	23s34	0s 9	22n17	1s 5	14n18	8s45	0s40	0s45	12s16	15s15	6n25	

Julian Day Number = 2416449.5, Delta T = 3.38 sec
Ecliptic obliquity = 23°26'57", Nutation = - 0°00'00", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°23'54", Lahiri = 22°30'55"