



Astrodienst Ephemeris Tables for the year 1923

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 1923

geocentric

JANUARY 1923

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 38 29	9°33'20	13°47	23°51	29°16	15°42	13°13	19°23	10°25	17°R44	10°R10	23°R45	24°21	10°Y 7	12°Y59	M 1
T 2	6 42 26	10°34'28	26°52	25°25	29°49	15°46	13°23	19°26	10°27	17°R43	10°R9	23°R33	24°17	10°14	13° 0	T 2
W 3	6 46 22	11°35'36	10°56	26°58	0°24	16°30	13°32	19°29	10°29	17°42	10° 8	23°20	24°14	10°20	13° 0	W 3
T 4	6 50 19	12°36'45	23°55	28°30	1° 0	17°14	13°42	19°31	10°32	17°40	10° 6	23° 8	24°11	10°27	13° 1	T 4
F 5	6 54 15	13°37'53	7°47	0°1	1°38	17°58	13°51	19°34	10°34	17°39	10° 5	22°59	24° 8	10°34	13° 1	F 5
S 6	6 58 12	14°39'02	21°48	1°31	2°16	18°42	14° 1	19°37	10°36	17°38	10° 4	22°53	24° 5	10°40	13° 2	S 6
S 7	7 2 8	15°40'10	5°53	2°59	2°56	19°26	14°10	19°39	10°38	17°36	10° 3	22°49	24° 2	10°47	13° 3	S 7
M 8	7 6 5	16°41'18	20° 1	4°24	3°37	20°10	14°19	19°41	10°41	17°35	10° 2	22°D48	23°58	10°54	13° 3	M 8
T 9	7 10 2	17°42'27	4° 8	5°47	4°20	20°54	14°28	19°44	10°43	17°34	10° 0	22°48	23°55	11° 0	13° 4	T 9
W10	7 13 58	18°43'36	18°14	7° 7	5° 3	21°38	14°37	19°46	10°45	17°32	9°59	22°R49	23°52	11° 7	13° 5	W10
T 11	7 17 55	19°44'44	2°18	8°23	5°47	22°22	14°45	19°48	10°48	17°31	9°58	22°48	23°49	11°14	13° 6	T 11
F 12	7 21 51	20°45'53	16°19	9°35	6°33	23° 6	14°54	19°50	10°50	17°29	9°57	22°45	23°46	11°20	13° 7	F 12
S 13	7 25 48	21°47'02	0°15	10°42	7°19	23°50	15° 3	19°52	10°53	17°28	9°55	22°40	23°42	11°27	13° 8	S 13
S 14	7 29 44	22°48'10	14° 5	11°43	8° 7	24°34	15°11	19°53	10°55	17°26	9°54	22°32	23°39	11°34	13° 9	S 14
M15	7 33 41	23°49'19	27°46	12°37	8°55	25°18	15°19	19°55	10°58	17°25	9°53	22°22	23°36	11°40	13°10	M15
T 16	7 37 37	24°50'27	11°16	13°24	9°44	26° 2	15°27	19°56	11° 0	17°23	9°52	22°12	23°33	11°47	13°11	T 16
W17	7 41 34	25°51'35	24°31	14° 3	10°34	26°46	15°35	19°58	11° 3	17°22	9°51	22° 1	23°30	11°54	13°12	W17
T 18	7 45 31	26°52'42	7°29	14°32	11°25	27°30	15°43	19°59	11° 6	17°20	9°49	21°52	23°27	12° 0	13°14	T 18
F 19	7 49 27	27°53'48	20°11	14°51	12°16	28°14	15°51	20° 0	11° 8	17°19	9°48	21°45	23°23	12° 7	13°15	F 19
S 20	7 53 24	28°54'54	2°35	15°R 0	13° 8	28°58	15°59	20° 2	11°11	17°17	9°47	21°41	23°20	12°13	13°16	S 20
S 21	7 57 20	29°55'59	14°45	14°57	14° 1	29°42	16° 6	20° 2	11°14	17°16	9°46	21°39	23°17	12°20	13°18	S 21
M22	8 1 17	0°57'03	26°44	14°42	14°55	0°Y25	16°13	20° 3	11°17	17°14	9°45	21°D39	23°14	12°27	13°19	M22
T 23	8 5 13	1°58'06	8°Y34	14°16	15°49	1° 9	16°21	20° 4	11°19	17°12	9°44	21°40	23°11	12°33	13°21	T 23
W24	8 9 10	2°59'08	20°22	13°39	16°43	1°53	16°28	20° 5	11°22	17°11	9°42	21°41	23° 8	12°40	13°22	W24
T 25	8 13 6	4° 0'09	2°12	12°51	17°39	2°37	16°34	20° 5	11°25	17° 9	9°41	21°R42	23° 4	12°47	13°24	T 25
F 26	8 17 3	5° 1'09	14° 9	11°54	18°35	3°21	16°41	20° 6	11°28	17° 7	9°40	21°41	23° 1	12°53	13°26	F 26
S 27	8 21 0	6° 2'08	26°20	10°50	19°31	4° 4	16°48	20° 6	11°31	17° 6	9°39	21°39	22°58	13° 0	13°27	S 27
S 28	8 24 56	7° 3'06	8°II48	9°40	20°28	4°48	16°54	20° 6	11°34	17° 4	9°38	21°35	22°55	13° 7	13°29	S 28
M29	8 28 53	8° 4'02	21°37	8°26	21°26	5°32	17° 1	20° 7	11°37	17° 3	9°37	21°29	22°52	13°13	13°31	M29
T 30	8 32 49	9° 4'58	4°549	7°11	22°24	6°15	17° 7	20°R 7	11°40	17° 1	9°36	21°22	22°48	13°20	13°33	T 30
W31	8 36 46	10°5'52	18°525	5°57	23°22	6°Y59	17°13	20°1	11°43	16°L59	9°35	21°14	22°45	13°Y27	13°Y35	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	23s 6	17n33	4s57	23s24	2s 6	15s55	4n11	6s35	0s44	14s46	1n 5	5s21	2n25	8s22	0s45	15n42
T 2	23 2	18 24	5 1	23 5	2 3	16 0	4 13	6 17	0 43	14 49	1 6	5 21	2 26	8 21	0 45	15 42
W 3	22 56	18 15	4 49	22 43	1 59	16 4	4 16	5 58	0 42	14 52	1 6	5 22	2 26	8 20	0 45	15 42
T 4	22 51	17 4	4 20	22 21	1 55	16 10	4 18	5 40	0 41	14 55	1 6	5 23	2 26	8 19	0 45	15 43
F 5	22 45	14 52	3 35	21 57	1 50	16 15	4 19	5 22	0 39	14 57	1 6	5 24	2 27	8 18	0 45	15 43
S 6	22 38	11 46	2 37	21 32	1 45	16 21	4 21	5 4	0 38	15 0	1 6	5 24	2 27	8 17	0 45	15 44
S 7	22 32	7 59	1 29	21 6	1 38	16 28	4 22	4 45	0 37	15 3	1 6	5 25	2 27	8 17	0 45	15 44
M 8	22 24	3 44	0 15	20 39	1 31	16 35	4 23	4 27	0 36	15 5	1 6	5 26	2 27	8 16	0 45	15 44
T 9	22 16	0s43	1n 0	20 10	1 23	16 42	4 24	4 9	0 35	15 8	1 6	5 26	2 28	8 15	0 45	15 45
W10	22 8	5 8	2 11	19 42	1 14	16 49	4 24	3 50	0 34	15 10	1 6	5 27	2 28	8 14	0 45	15 45
T 11	22 0	9 14	3 14	19 12	1 4	16 56	4 24	3 32	0 33	15 13	1 7	5 27	2 28	8 13	0 45	15 46
F 12	21 51	12 48	4 6	18 43	0 53	17 4	4 24	3 13	0 32	15 15	1 7	5 28	2 28	8 12	0 45	15 46
S 13	21 41	15 37	4 42	18 13	0 41	17 12	4 24	2 55	0 31	15 17	1 7	5 28	2 29	8 11	0 45	15 47
S 14	21 31	17 31	5 1	17 44	0 28	17 20	4 24	2 37	0 29	15 20	1 7	5 29	2 29	8 10	0 45	15 47
M15	21 21	18 23	5 3	17 15	0 14	17 28	4 23	2 18	0 28	15 22	1 7	5 29	2 29	8 9	0 45	15 48
T 16	21 10	18 11	4 48	16 48	0n 1	17 36	4 22	2 0	0 27	15 24	1 7	5 29	2 30	8 8	0 45	15 48
W17	20 59	17 0	4 18	16 21	0 16	17 44	4 21	1 41	0 26	15 26	1 7	5 30	2 30	8 7	0 45	15 49
T 18	20 47	14 57	3 34	15 57	0 33	17 52	4 20	1 23	0 25	15 28	1 8	5 30	2 30	8 6	0 45	15 49
F 19	20 35	12 13	2 41	15 35	0 50	18 0	4 18	1 4	0 24	15 31	1 8	5 30	2 30	8 5	0 45	15 50
S 20	20 23	8 59	1 41	15 15	1 8	18 8	4 16	0 46	0 23	15 33	1 8	5 30	2 31	8 4	0 45	15 50
S 21	20 10	5 26	0 37	14 59	1 27	18 16	4 15	0 28	0 22	15 35	1 8	5 30	2 31	8 3	0 45	15 51
M22	19 57	1 43	0s27	14 45	1 45	18 24	4 13	0 9	0 21	15 37	1 8	5 30	2 31	8 2	0 45	15 51
T 23	19 44	2n 1	1 30	14 36	2 3	18 32	4 11	0n 9	0 20	15 38	1 8	5 30	2 32	8 0	0 45	15 52
W24	19 30	5 39	2 29	14 30	2 20	18 40	4 8	0 28	0 19	15 40	1 8	5 30	2 32	7 59	0 45	15 52
T 25	19 16	9 5	3 22	14 27	2 37	18 47	4 6	0 46	0 18	15 42	1 9	5 30	2 32	7 58	0 45	15 53
F 26	19 1	12 11	4 6	14 28	2 52	18 55	4 3	1 4	0 17	15 44	1 9	5 30	2 32	7 57	0 45	15 53
S 27	18 46	14 48	4 40	14 33	3 5	19 2	4 1	1 22	0 16	15 46	1 9	5 30	2 33	7 56	0 45	15 54
S 28	18 31	16 48	5 2	14 41	3 16	19 9	3 58	1 41	0 15	15 47	1 9	5 30	2 33	7 55	0 45	15 54
M29	18 15	18 2	5 9	14 51	3 25	19 16	3 55	1 59	0 14	15 49	1 9	5 30	2 33	7 54	0 45	15 55
T 30	17 59	18 21	5 1	15 4	3 32	19 22	3 52	2 17	0 13	15 51	1 9	5 30	2 33	7 53	0 45	15 55
W31	17s43	17n38	4s36	15s18	3n36	19s28	3n49	2n35	0s12	15s52	1n 9	5s29	2n34	7s51	0s44	15n56

Julian Day Number = 2423420.5, Delta T = 23.12 sec

Ecliptic obliquity = 23°26'48, Nutation = - 0°00'01, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 23°39'54, Lahiri = 22°46'54

ASTRODIENST EPHEMERIS for the year 1923

geocentric

FEBRUARY 1923

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 40 42	11° 6' 46"	28° 23'	4° 45'	24° 21'	7° 42'	17° 19'	20° 6'	11° 46'	16° 58'	9° 34'	21° 8'	22° 42'	13° 33'	13° 37'	T 1
F 2	8 44 39	12° 7' 38"	16° 38'	3° 38'	25° 21'	8° 26'	17° 24'	20° 6'	11° 49'	16° 56'	9° 33'	21° 2'	22° 39'	13° 40'	13° 39'	F 2
S 3	8 48 35	13° 8' 29"	1° 11' 6"	2° 37'	26° 21'	9° 10'	17° 30'	20° 6'	11° 52'	16° 54'	9° 32'	20° 59'	22° 36'	13° 47'	13° 41'	S 3
S 4	8 52 32	14° 9' 18"	15° 39'	1° 44'	27° 21'	9° 53'	17° 35'	20° 5'	11° 55'	16° 52'	9° 31'	20° 57'	22° 33'	13° 53'	13° 43'	S 4
M 5	8 56 29	15° 10' 07"	0° 13'	0° 58'	28° 22'	10° 37'	17° 40'	20° 5'	11° 59'	16° 51'	9° 30'	20° 57'	22° 29'	14° 0'	13° 45'	M 5
T 6	9 0 25	16° 10' 55"	14° 42'	0° 20'	29° 23'	11° 20'	17° 46'	20° 4'	12° 2'	16° 49'	9° 29'	20° 59'	22° 26'	14° 7'	13° 47'	T 6
W 7	9 4 22	17° 11' 42"	29° 2'	29° 51'	0° 24'	12° 3'	17° 50'	20° 3'	12° 5'	16° 47'	9° 28'	21° 0'	22° 23'	14° 13'	13° 49'	W 7
T 8	9 8 18	18° 12' 29"	13° 12'	29° 30'	1° 26'	12° 47'	17° 55'	20° 2'	12° 8'	16° 46'	9° 27'	21° 0'	22° 20'	14° 20'	13° 52'	T 8
F 9	9 12 15	19° 13' 14"	27° 8'	29° 17'	2° 28'	13° 30'	18° 0'	20° 1'	12° 11'	16° 44'	9° 26'	21° 1'	22° 17'	14° 27'	13° 54'	F 9
S 10	9 16 11	20° 13' 58"	10° 52'	29° 12'	3° 31'	14° 14'	18° 4'	20° 0'	12° 15'	16° 42'	9° 25'	20° 59'	22° 14'	14° 33'	13° 56'	S 10
S 11	9 20 8	21° 14' 41"	24° 22'	29° 14'	4° 33'	14° 57'	18° 8'	19° 59'	12° 18'	16° 41'	9° 24'	20° 56'	22° 10'	14° 40'	13° 59'	S 11
M 12	9 24 4	22° 15' 23"	7° 39'	29° 23'	5° 37'	15° 40'	18° 12'	19° 57'	12° 21'	16° 39'	9° 23'	20° 52'	22° 7'	14° 47'	14° 1'	M 12
T 13	9 28 1	23° 16' 04"	20° 43'	29° 39'	6° 40'	16° 23'	18° 16'	19° 56'	12° 24'	16° 37'	9° 22'	20° 47'	22° 4'	14° 53'	14° 4'	T 13
W 14	9 31 58	24° 16' 44"	3° 34'	0° 1'	7° 44'	17° 7'	18° 20'	19° 54'	12° 28'	16° 36'	9° 22'	20° 43'	22° 1'	15° 0'	14° 6'	W 14
T 15	9 35 54	25° 17' 22"	16° 11'	0° 28'	8° 48'	17° 50'	18° 24'	19° 53'	12° 31'	16° 34'	9° 21'	20° 39'	21° 58'	15° 6'	14° 9'	T 15
F 16	9 39 51	26° 17' 59"	28° 36'	1° 0'	9° 52'	18° 33'	18° 27'	19° 51'	12° 34'	16° 32'	9° 20'	20° 36'	21° 54'	15° 13'	14° 11'	F 16
S 17	9 43 47	27° 18' 35"	10° 49'	1° 37'	10° 56'	19° 16'	18° 30'	19° 49'	12° 38'	16° 31'	9° 19'	20° 34'	21° 51'	15° 20'	14° 14'	S 17
S 18	9 47 44	28° 19' 08"	22° 52'	2° 19'	12° 1'	19° 59'	18° 33'	19° 47'	12° 41'	16° 29'	9° 18'	20° 34'	21° 48'	15° 26'	14° 17'	S 18
M 19	9 51 40	29° 19' 40"	4° 47'	3° 4'	13° 6'	20° 42'	18° 36'	19° 45'	12° 44'	16° 27'	9° 18'	20° 35'	21° 45'	15° 33'	14° 19'	M 19
T 20	9 55 37	0° 12' 00"	16° 37'	3° 53'	14° 11'	21° 25'	18° 39'	19° 43'	12° 48'	16° 26'	9° 17'	20° 36'	21° 42'	15° 40'	14° 22'	T 20
W 21	9 59 33	1° 20' 39"	28° 24'	4° 45'	15° 17'	22° 8'	18° 41'	19° 41'	12° 51'	16° 24'	9° 16'	20° 38'	21° 39'	15° 46'	14° 25'	W 21
T 22	10 3 30	2° 21' 06"	10° 14'	5° 41'	16° 22'	22° 51'	18° 43'	19° 39'	12° 55'	16° 22'	9° 16'	20° 39'	21° 35'	15° 53'	14° 28'	T 22
F 23	10 7 27	3° 21' 31"	22° 11'	6° 39'	17° 28'	23° 34'	18° 45'	19° 36'	12° 58'	16° 21'	9° 15'	20° 40'	21° 32'	16° 0'	14° 30'	F 23
S 24	10 11 23	4° 21' 54"	4° 19'	7° 40'	18° 34'	24° 17'	18° 47'	19° 34'	13° 1'	16° 19'	9° 14'	20° 41'	21° 29'	16° 6'	14° 33'	S 24
S 25	10 15 20	5° 22' 15"	16° 44'	8° 44'	19° 40'	25° 0'	18° 49'	19° 31'	13° 5'	16° 18'	9° 14'	20° 40'	21° 26'	16° 13'	14° 36'	S 25
M 26	10 19 16	6° 22' 34"	29° 29'	9° 50'	20° 47'	25° 43'	18° 51'	19° 28'	13° 8'	16° 16'	9° 13'	20° 39'	21° 23'	16° 20'	14° 39'	M 26
T 27	10 23 13	7° 22' 51"	12° 39'	10° 58'	21° 53'	26° 25'	18° 52'	19° 26'	13° 12'	16° 15'	9° 12'	20° 38'	21° 20'	16° 26'	14° 42'	T 27
W 28	10 27 9	8° 23' 07"	26° 14'	12° 9'	23° 0'	27° 8'	18° 53'	19° 23'	13° 15'	16° 13'	9° 12'	20° 36'	21° 16'	16° 33'	14° 45'	W 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17s27	15n51	3s53	15s33	3n38	19s34	3n45	2n53	0s11	15s54	1n10	5s29	2n34	7s50	0s44	15n56
F 2	17 10 13	4 2 56	15 50	3 37	19 40	3 42	3 11	0 10	15 55	1 10	5 29	2 34	7 49	0 44	15 57	0 11
S 3	16 53 9	26 1 46	16 6	3 34	19 45	3 39	3 29	0 9	15 56	1 10	5 28	2 35	7 48	0 44	15 57	0 11
S 4	16 35 5	13 0 29	16 23	3 29	19 50	3 35	3 47	0 8	15 58	1 10	5 28	2 35	7 47	0 44	15 58	0 11
M 5	16 17 0	41 0n50	16 39	3 23	19 55	3 31	4 5	0 7	15 59	1 10	5 27	2 35	7 45	0 44	15 58	0 11
T 6	15 59 3s51	2 6 16	55 3	15 19	59 3	28 4	23 0	6 16	0 10	5 27	2 35	7 44	0 44	15 59	0 11	20 18
W 7	15 41 8	7 3 13	17 10	3 6	20 3	3 24	4 41	0 6	16 2	1 11	5 26	2 36	7 43	0 44	15 59	0 11
T 8	15 23 11	52 4 8	17 24	2 55	20 6	3 20	4 59	0 5	16 3	1 11	5 26	2 36	7 42	0 44	16 0	0 11
F 9	15 4 14	52 4 47	17 37	2 45	20 9	3 16	5 16	0 4	16 4	1 11	5 25	2 36	7 40	0 44	16 0	0 11
S 10	14 45 16	59 5 8	17 50	2 33	20 12	3 12	5 34	0 3	16 5	1 11	5 24	2 36	7 39	0 44	16 1	0 11
S 11	14 25 18	7 5 13	18 1	2 22	20 14	3 8	5 52	0 2	16 6	1 11	5 24	2 37	7 38	0 44	16 1	0 11
M 12	14 6 18	14 5 0	18 10	2 10	20 16	3 4	6 9	0 1	16 7	1 11	5 23	2 37	7 37	0 44	16 2	0 11
T 13	13 46 17	22 4 32	18 19	1 57	20 17	3 0	6 27	0 0	16 8	1 12	5 22	2 37	7 35	0 44	16 2	0 11
W 14	13 26 15	38 3 50	18 26	1 45	20 18	2 55	6 44	0n 1	16 9	1 12	5 21	2 38	7 34	0 44	16 3	0 11
T 15	13 6 13	9 2 58	18 32	1 33	20 19	2 51	7 1	0 2	16 9	1 12	5 20	2 38	7 33	0 44	16 3	0 11
F 16	12 45 10	7 1 58	18 37	1 21	20 19	2 47	7 18	0 2	16 10	1 12	5 20	2 38	7 32	0 44	16 4	0 11
S 17	12 25 6	41 0 54	18 41	1 9	20 18	2 42	7 36	0 3	16 11	1 12	5 19	2 38	7 30	0 44	16 4	0 11
S 18	12 4 3 1	0s13	18 43	0 58	20 17	2 38	7 53	0 4	16 12	1 12	5 18	2 39	7 29	0 44	16 5	0 11
M 19	11 43 0n43	1 18	18 44	0 46	20 15	2 33	8 10	0 5	16 12	1 13	5 17	2 39	7 28	0 44	16 5	0 11
T 20	11 21 4 23	2 19	18 43	0 35	20 13	2 29	8 27	0 6	16 13	1 13	5 16	2 39	7 26	0 44	16 6	0 11
W 21	11 0 7 53	3 14	18 42	0 24	20 11	2 24	8 43	0 6	16 13	1 13	5 15	2 39	7 25	0 44	16 6	0 11
T 22	10 38 11	4 4 1	18 38	0 13	20 8	2 20	9 0	0 7	16 14	1 13	5 13	2 40	7 24	0 44	16 7	0 11
F 23	10 17 13	50 4 39	18 34	0 3	20 4	2 15	9 17	0 8	16 14	1 13	5 12	2 40	7 22	0 44	16 7	0 11
S 24	9 55 16	2 5 4	18 28	0s 7	20 0	2 11	9 33	0 9	16 14	1 13	5 11	2 40	7 21	0 44	16 8	0 11
S 25	9 33 17	32 5 16	18 21	0 17	19 56	2 6	9 50	0 10	16 15	1 14	5 10	2 40	7 20	0 44	16 8	0 11
M 26	9 11 18	14 5 13	18 12	0 26	19 50	2 1	10 6	0 10	16 15	1 14	5 9	2 40	7 18	0 44	16 9	0 11
T 27	8 48 17	58 4 54	18 3	0 35	19 45	1 57	10 22	0 11	16 15	1 14	5 8	2 41	7 17	0 44	16 9	0 11
W 28	8s26	16n41	4s18	17s51	0s43	19s39	1n52	10n39	0n12	16s15	1n14	5s 6	2n41	7s16	0s44	16n10

Julian Day Number = 2423451.5, Delta T = 23.15 sec

Ecliptic obliquity = 23°26'48", Nutation = - 0°00'01", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 23°39'58", Lahiri = 22°46'58"

ASTRODIENST EPHEMERIS for the year 1923

geocentric

MARCH 1923

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 31 6	9°32'20"	10°16'	13°21'	24°37'	27°51'	18°54'	19°20'	13°18'	16°12'	9°11'	20°R35	21°13'	16°40'	14°48'	T 1
F 2	10 35 2	10°23'31"	24°42'	14°35'	25°14'	28°34'	18°55'	19°17'	13°22'	16°10'	9°11'	20°34'	21°10'	16°46'	14°51'	F 2
S 3	10 38 59	11°23'40"	9°26'	15°50'	26°21'	29°16'	18°56'	19°14'	13°25'	16°9'	9°10'	20°33'	21°7'	16°53'	14°54'	S 3
S 4	10 42 55	12°23'48"	24°22'	17°8'	27°29'	29°59'	18°56'	19°11'	13°29'	16°7'	9°10'	20°D33	21°4'	17°0'	14°57'	S 4
M 5	10 46 52	13°23'53"	9°22'	18°27'	28°36'	0°41'	18°56'	19°7'	13°32'	16°6'	9°9'	20°33'	21°0'	17°6'	15°0'	M 5
T 6	10 50 49	14°23'57"	24°17'	19°47'	29°44'	1°24'	18°R56	19°4'	13°36'	16°4'	9°9'	20°34'	20°57'	17°13'	15°3'	T 6
W 7	10 54 45	15°24'00"	9°11'	21°9'	0°52'	2°6'	18°56'	19°1'	13°39'	16°3'	9°9'	20°34'	20°54'	17°20'	15°7'	W 7
T 8	10 58 42	16°24'00"	23°27'	22°33'	2°0'	2°49'	18°56'	18°57'	13°43'	16°1'	9°8'	20°35'	20°51'	17°26'	15°10'	T 8
F 9	11 2 38	17°24'00"	7°33'	23°58'	3°8'	3°31'	18°55'	18°54'	13°46'	16°0'	9°8'	20°35'	20°48'	17°33'	15°13'	F 9
S 10	11 6 35	18°23'57"	21°17'	25°24'	4°16'	4°14'	18°55'	18°50'	13°49'	15°58'	9°7'	20°R35	20°45'	17°40'	15°16'	S 10
S 11	11 10 31	19°23'53"	4°34'	26°51'	5°25'	4°56'	18°54'	18°46'	13°53'	15°57'	9°7'	20°35'	20°41'	17°46'	15°20'	S 11
M 12	11 14 28	20°23'48"	17°44'	28°20'	6°33'	5°38'	18°53'	18°42'	13°56'	15°56'	9°7'	20°D35	20°38'	17°53'	15°23'	M 12
T 13	11 18 24	21°23'41"	0°31'	29°50'	7°42'	6°20'	18°51'	18°39'	14°0'	15°54'	9°7'	20°35'	20°35'	18°0'	15°26'	T 13
W 14	11 22 21	22°23'32"	13°2'	1°21'	8°51'	7°3'	18°50'	18°35'	14°3'	15°53'	9°6'	20°35'	20°32'	18°6'	15°29'	W 14
T 15	11 26 18	23°23'21"	25°22'	2°54'	10°0'	7°45'	18°48'	18°31'	14°7'	15°52'	9°6'	20°35'	20°29'	18°13'	15°33'	T 15
F 16	11 30 14	24°23'08"	7°31'	4°28'	11°9'	8°27'	18°47'	18°27'	14°10'	15°51'	9°6'	20°35'	20°25'	18°20'	15°36'	F 16
S 17	11 34 11	25°22'53"	19°32'	6°3'	12°18'	9°9'	18°45'	18°23'	14°13'	15°49'	9°6'	20°R36	20°22'	18°26'	15°39'	S 17
S 18	11 38 7	26°22'36"	1°26'	7°39'	13°27'	9°51'	18°42'	18°19'	14°17'	15°48'	9°5'	20°35'	20°19'	18°33'	15°43'	S 18
M 19	11 42 4	27°22'18"	13°17'	9°17'	14°36'	10°33'	18°40'	18°15'	14°20'	15°47'	9°5'	20°35'	20°16'	18°40'	15°46'	M 19
T 20	11 46 0	28°21'57"	25°5'	10°56'	15°46'	11°15'	18°37'	18°10'	14°23'	15°46'	9°5'	20°34'	20°13'	18°46'	15°50'	T 20
W 21	11 49 57	29°21'34"	6°54'	12°36'	16°55'	11°57'	18°35'	18°6'	14°27'	15°45'	9°5'	20°33'	20°10'	18°53'	15°53'	W 21
T 22	11 53 53	0°21'09"	18°46'	14°17'	18°5'	12°39'	18°32'	18°2'	14°30'	15°44'	9°5'	20°32'	20°6'	19°0'	15°57'	T 22
F 23	11 57 50	1°20'42"	0°14'	16°0'	19°14'	13°21'	18°29'	17°58'	14°33'	15°43'	9°5'	20°30'	20°3'	19°6'	16°0'	F 23
S 24	12 1 47	2°20'12"	12°52'	17°44'	20°24'	14°3'	18°25'	17°53'	14°37'	15°41'	9°D 5	20°29'	20°0'	19°13'	16°3'	S 24
S 25	12 5 43	3°19'41"	25°14'	19°29'	21°34'	14°45'	18°22'	17°49'	14°40'	15°40'	9°5'	20°28'	19°57'	19°20'	16°7'	S 25
M 26	12 9 40	4°19'07"	7°55'	21°15'	22°44'	15°27'	18°18'	17°44'	14°43'	15°39'	9°5'	20°D28	19°54'	19°26'	16°10'	M 26
T 27	12 13 36	5°18'30"	20°57'	23°3'	23°54'	16°8'	18°15'	17°40'	14°47'	15°38'	9°5'	20°29'	19°51'	19°33'	16°14'	T 27
W 28	12 17 33	6°17'52"	4°12'	24°52'	25°4'	16°50'	18°11'	17°35'	14°50'	15°38'	9°5'	20°30'	19°47'	19°40'	16°17'	W 28
T 29	12 21 29	7°17'11"	18°19'	26°43'	26°14'	17°32'	18°6'	17°31'	14°53'	15°37'	9°5'	20°31'	19°44'	19°46'	16°21'	T 29
F 30	12 25 26	8°16'27"	2°40'	28°35'	27°24'	18°13'	18°2'	17°26'	14°56'	15°36'	9°5'	20°32'	19°41'	19°53'	16°24'	F 30
S 31	12 29 22	9°15'42"	17°24'	0°28'	28°34'	18°55'	17°58'	17°22'	15°36'	15°35'	9°6'	20°R33	19°38'	20°0'	16°28'	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	8s 3	14n22	3s26	17s39	0s52	19s32	1n47	10n55	0n13	16s16	1n14	5s 5	2n41	7s15	0s44	16n10
F 2	7 40	11 7	2 19	17 25	1 0	19 25	1 43	11 11	0 14	16 16	1 14	5 4	2 41	7 13	0 44	16 11
S 3	7 18	7 5	1 1	17 10	1 7	19 17	1 38	11 26	0 14	16 16	1 15	5 2	2 41	7 12	0 44	16 11
S 4	6 55	2 34	0n21	16 53	1 14	19 9	1 34	11 42	0 15	16 16	1 15	5 1	2 42	7 11	0 44	16 12
M 5	6 32	2s 8	1 43	16 35	1 21	19 0	1 29	11 58	0 16	16 15	1 15	4 59	2 42	7 9	0 44	16 12
T 6	6 9	6 41	2 57	16 16	1 28	18 50	1 24	12 13	0 17	16 15	1 15	4 58	2 42	7 8	0 44	16 13
W 7	5 45	10 44	3 58	15 56	1 34	18 41	1 20	12 29	0 17	16 15	1 15	4 57	2 42	7 7	0 44	16 13
T 8	5 22	14 4	4 43	15 34	1 39	18 30	1 15	12 44	0 18	16 15	1 15	4 55	2 42	7 5	0 44	16 13
F 9	4 59	16 29	5 10	15 11	1 45	18 19	1 10	12 59	0 19	16 15	1 16	4 54	2 43	7 4	0 44	16 14
S 10	4 35	17 52	5 18	14 47	1 50	18 8	1 6	13 14	0 19	16 14	1 16	4 52	2 43	7 3	0 44	16 14
S 11	4 12	18 14	5 8	14 21	1 54	17 56	1 1	13 29	0 20	16 14	1 16	4 51	2 43	7 1	0 44	16 15
M 12	3 48	17 36	4 43	13 54	1 58	17 43	0 57	13 44	0 21	16 13	1 16	4 49	2 43	7 0	0 44	16 15
T 13	3 25	16 4	4 4	13 26	2 2	17 30	0 52	13 59	0 21	16 13	1 16	4 47	2 43	6 59	0 44	16 15
W 14	3 1	13 48	3 14	12 57	2 5	17 17	0 48	14 13	0 22	16 12	1 16	4 46	2 43	6 57	0 44	16 16
T 15	2 38	10 56	2 16	12 26	2 8	17 3	0 43	14 27	0 23	16 12	1 17	4 44	2 44	6 56	0 44	16 16
F 16	2 14	7 38	1 12	11 54	2 11	16 49	0 39	14 42	0 23	16 11	1 17	4 43	2 44	6 55	0 44	16 17
S 17	1 50	4 3	0 6	11 21	2 13	16 34	0 35	14 56	0 24	16 10	1 17	4 41	2 44	6 53	0 44	16 17
S 18	1 26	0 21	1s 0	10 47	2 15	16 18	0 30	15 10	0 25	16 10	1 17	4 39	2 44	6 52	0 44	16 17
M 19	1 3	3n21	2 3	10 11	2 16	16 2	0 26	15 24	0 25	16 9	1 17	4 37	2 44	6 51	0 44	16 18
T 20	0 39	6 55	3 0	9 34	2 16	15 46	0 22	15 37	0 26	16 8	1 17	4 36	2 44	6 50	0 44	16 18
W 21	0 15	10 12	3 50	8 56	2 17	15 29	0 18	15 51	0 27	16 7	1 17	4 34	2 44	6 48	0 44	16 18
T 22	0n 8	13 5	4 30	8 17	2 17	15 12	0 14	16 4	0 27	16 6	1 18	4 32	2 45	6 47	0 44	16 19
F 23	0 32	15 26	4 58	7 37	2 16	14 54	0 10	16 18	0 28	16 5	1 18	4 31	2 45	6 46	0 44	16 19
S 24	0 56	17 9	5 14	6 55	2 15	14 36	0 5	16 31	0 29	16 4	1 18	4 29	2 45	6 44	0 44	16 19
S 25	1 19	18 6	5 16	6 13	2 13	14 18	0 1	16 44	0 29	16 3	1 18	4 27	2 45	6 43	0 44	16 20
M 26	1 43	18 11	5 3	5 29	2 11	13 59	0s 2	16 57	0 30	16 2	1 18	4 25	2 45	6 42	0 44	16 20
T 27	2 7	17 19	4 33	4 44	2 9	13 40	0 6	17 9	0 30	16 1	1 18	4 24	2 45	6 41	0 44	16 20
W 28	2 30	15 28	3 49	3 58	2 6	13 20	0 10	17 22	0 31	16 0	1 18	4 22	2 45	6 39	0 44	16 21
T 29	2 54	12 40	2 49	3 11	2 2	13 0	0 14	17 34	0 32	15 58	1 18	4 20	2 45	6 38	0 44	16 21
F 30	3 17	9 1	1 37	2 22	1 58	12 39	0 18	17 46	0 32	15 57	1 19	4 18	2 45	6 37	0 44	16 21
S 31	3n40	4n43	0s17	1s33	1s54	12s18	0s21	17n59	0n33	15s56	1n19	4s16	2n45	6s36	0s44	16n21

Julian Day Number = 2423479.5, Delta T = 23.18 sec
 Ecliptic obliquity = 23°26'49", Nutation = - 0°00'02", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 23°40'02", Lahiri = 22°47'02"

ASTRODIENST EPHEMERIS for the year 1923

geocentric

APRIL 1923

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 33 19	10°14'54"	2°27'	2°22'	29°45'	19°36'	17°R53	17°R17	15°33'	15°R34	9°26'	20°R32	19°35'	20°16'	16°V31	S 1
M 2	12 37 15	11°14'04"	17°40'	4°18'	0°55'	20°18'	17°M48	17°13'	15°6'	15°R33	9°6'	20°31'	19°31'	20°13'	16°35'	M 2
T 3	12 41 12	12°13'12"	2°15'	6°15'	2°5'	20°59'	17°44'	17°8'	15°9'	15°32'	9°6'	20°29'	19°28'	20°20'	16°39'	T 3
W 4	12 45 9	13°12'18"	17°57'	8°14'	3°16'	21°41'	17°38'	17°4'	15°12'	15°32'	9°6'	20°26'	19°25'	20°26'	16°42'	W 4
T 5	12 49 5	14°11'23"	2°42'	10°13'	4°26'	22°22'	17°33'	16°59'	15°15'	15°31'	9°7'	20°23'	19°22'	20°33'	16°46'	T 5
F 6	12 53 2	15°10'25"	17°3'	12°14'	5°37'	23°4'	17°28'	16°54'	15°19'	15°30'	9°7'	20°20'	19°19'	20°39'	16°49'	F 6
S 7	12 56 58	16°9'26"	0°58'	14°16'	6°48'	23°45'	17°23'	16°50'	15°22'	15°30'	9°7'	20°18'	19°16'	20°46'	16°53'	S 7
S 8	13 0 55	17°8'25"	14°25'	16°20'	7°58'	24°26'	17°17'	16°45'	15°25'	15°29'	9°8'	20°D17	19°12'	20°53'	16°56'	S 8
M 9	13 4 51	18°7'23"	27°26'	18°24'	9°9'	25°7'	17°11'	16°40'	15°28'	15°28'	9°8'	20°17'	19°9'	20°59'	17°0'	M 9
T 10	13 8 48	19°6'19"	10°6'	20°28'	10°20'	25°49'	17°5'	16°36'	15°31'	15°28'	9°8'	20°19'	19°6'	21°6'	17°3'	T 10
W 11	13 12 44	20°5'12"	22°28'	22°34'	11°31'	26°30'	16°59'	16°31'	15°34'	15°27'	9°9'	20°20'	19°3'	21°13'	17°7'	W 11
T 12	13 16 41	21°4'04"	4°37'	24°40'	12°42'	27°11'	16°53'	16°26'	15°37'	15°27'	9°9'	20°22'	19°0'	21°19'	17°10'	T 12
F 13	13 20 38	22°2'55"	16°35'	26°46'	13°53'	27°52'	16°47'	16°22'	15°40'	15°26'	9°10'	20°R23	18°56'	21°26'	17°14'	F 13
S 14	13 24 34	23°1'43"	28°27'	28°52'	15°4'	28°33'	16°41'	16°17'	15°42'	15°26'	9°10'	20°23'	18°53'	21°33'	17°18'	S 14
S 15	13 28 31	24°0'29"	10°16'	0°58'	16°15'	29°14'	16°34'	16°13'	15°45'	15°25'	9°11'	20°21'	18°50'	21°39'	17°21'	S 15
M 16	13 32 27	24°59'14"	22°4'	3°3'	17°26'	29°55'	16°28'	16°8'	15°48'	15°25'	9°11'	20°17'	18°47'	21°46'	17°25'	M 16
T 17	13 36 24	25°57'57"	3°53'	5°7'	18°37'	0°36'	16°21'	16°4'	15°51'	15°25'	9°12'	20°12'	18°44'	21°53'	17°28'	T 17
W 18	13 40 20	26°56'37"	15°46'	7°10'	19°49'	1°17'	16°14'	15°59'	15°54'	15°24'	9°12'	20°6'	18°41'	21°59'	17°32'	W 18
T 19	13 44 17	27°55'16"	27°43'	9°12'	21°0'	1°58'	16°7'	15°54'	15°57'	15°24'	9°13'	19°59'	18°37'	22°6'	17°35'	T 19
F 20	13 48 13	28°53'53"	9°48'	11°11'	22°11'	2°39'	16°0'	15°50'	15°59'	15°24'	9°14'	19°52'	18°34'	22°13'	17°39'	F 20
S 21	13 52 10	29°52'27"	22°1'	13°9'	23°22'	3°19'	15°53'	15°46'	16°2'	15°24'	9°14'	19°45'	18°31'	22°19'	17°42'	S 21
S 22	13 56 7	0°51'00"	4°27'	15°3'	24°34'	4°0'	15°46'	15°41'	16°5'	15°23'	9°15'	19°41'	18°28'	22°26'	17°46'	S 22
M 23	14 0 3	1°49'30"	17°7'	16°55'	25°45'	4°41'	15°39'	15°37'	16°7'	15°23'	9°15'	19°38'	18°25'	22°33'	17°49'	M 23
T 24	14 4 0	2°47'58"	0°8'	18°44'	26°57'	5°22'	15°32'	15°32'	16°10'	15°23'	9°16'	19°D37	18°22'	22°40'	17°53'	T 24
W 25	14 7 56	3°46'24"	13°25'	20°30'	28°8'	6°2'	15°24'	15°28'	16°13'	15°23'	9°17'	19°37'	18°18'	22°46'	17°56'	W 25
T 26	14 11 53	4°44'48"	27°8'	22°12'	29°19'	6°43'	15°17'	15°24'	16°15'	15°23'	9°18'	19°38'	18°15'	22°53'	18°0'	T 26
F 27	14 15 49	5°43'09"	11°16'	23°50'	0°V31	7°24'	15°10'	15°20'	16°18'	15°D23	9°18'	19°39'	18°12'	23°0'	18°3'	F 27
S 28	14 19 46	6°41'29"	25°48'	25°24'	1°43'	8°4'	15°2'	15°16'	16°20'	15°23'	9°19'	19°R39	18°9'	23°6'	18°6'	S 28
S 29	14 23 42	7°39'46"	10°42'	26°55'	2°54'	8°45'	14°55'	15°11'	16°23'	15°23'	9°20'	19°38'	18°6'	23°13'	18°10'	S 29
M 30	14 27 39	8°38'02"	25°51'	28°8'21"	4°V6	9°25'	14°M47	15°17'	16°25'	15°D23	9°21'	19°34'	18°2'	23°V20	18°V13	M 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	4n 4	0n 1	1n 5	0s43	1s49	11s57	0s25	18n10	0n33	15s54	1n19	4s15	2n45	6s34	0s44	16n22
M 2	4 27	4s43	2 24	0n 8	1 43	11 36	0 28	18 22	0 34	15 53	1 19	4 13	2 45	6 33	0 44	16 22
T 3	4 50	9 8	3 33	1 0	1 37	11 14	0 32	18 34	0 34	15 52	1 19	4 11	2 45	6 32	0 44	16 22
W 4	5 13	12 55	4 26	1 53	1 30	10 52	0 35	18 45	0 35	15 50	1 19	4 9	2 45	6 31	0 44	16 22
T 5	5 36	15 48	5 0	2 47	1 23	10 29	0 39	18 56	0 35	15 48	1 19	4 7	2 46	6 30	0 44	16 23
F 6	5 59	17 36	5 14	3 41	1 15	10 6	0 42	19 7	0 36	15 47	1 19	4 6	2 46	6 28	0 44	16 23
S 7	6 21	18 17	5 9	4 36	1 7	9 43	0 45	19 18	0 37	15 45	1 19	4 4	2 46	6 27	0 44	16 23
S 8	6 44	17 54	4 48	5 31	0 59	9 19	0 48	19 29	0 37	15 44	1 19	4 2	2 46	6 26	0 44	16 23
M 9	7 7	16 34	4 11	6 27	0 50	8 56	0 51	19 40	0 38	15 42	1 19	4 0	2 46	6 25	0 44	16 23
T 10	7 29	14 27	3 24	7 23	0 40	8 32	0 54	19 50	0 38	15 40	1 20	3 59	2 46	6 24	0 44	16 24
W 11	7 51	11 42	2 27	8 19	0 31	8 7	0 57	20 0	0 39	15 38	1 20	3 57	2 46	6 23	0 45	16 24
T 12	8 13	8 30	1 26	9 14	0 20	7 43	1 0	20 10	0 39	15 37	1 20	3 55	2 46	6 22	0 45	16 24
F 13	8 35	4 59	0 21	10 10	0 10	7 18	1 2	20 20	0 40	15 35	1 20	3 53	2 46	6 20	0 45	16 24
S 14	8 57	1 17	0s44	11 5	0n 1	6 53	1 5	20 30	0 40	15 33	1 20	3 52	2 46	6 19	0 45	16 24
S 15	9 19	2n26	1 47	12 0	0 12	6 28	1 8	20 39	0 41	15 31	1 20	3 50	2 46	6 18	0 45	16 24
M 16	9 41	6 3	2 45	12 53	0 23	6 2	1 10	20 49	0 41	15 29	1 20	3 48	2 46	6 17	0 45	16 24
T 17	10 2	9 26	3 35	13 46	0 34	5 37	1 13	20 58	0 42	15 27	1 20	3 46	2 45	6 16	0 45	16 24
W 18	10 23	12 28	4 17	14 37	0 45	5 11	1 15	21 7	0 42	15 25	1 20	3 45	2 45	6 15	0 45	16 25
T 19	10 44	14 59	4 47	15 26	0 56	4 45	1 17	21 15	0 43	15 23	1 20	3 43	2 45	6 14	0 45	16 25
F 20	11 5	16 53	5 5	16 14	1 6	4 19	1 19	21 24	0 43	15 21	1 20	3 41	2 45	6 13	0 45	16 25
S 21	11 26	18 3	5 10	17 0	1 17	3 53	1 21	21 32	0 43	15 19	1 20	3 40	2 45	6 12	0 45	16 25
S 22	11 46	18 23	5 0	17 44	1 27	3 26	1 23	21 40	0 44	15 17	1 20	3 38	2 45	6 11	0 45	16 25
M 23	12 7	17 48	4 35	18 26	1 36	3 0	1 25	21 48	0 44	15 15	1 20	3 36	2 45	6 10	0 45	16 25
T 24	12 27	16 17	3 56	19 6	1 46	2 33	1 27	21 56	0 45	15 13	1 20	3 35	2 45	6 9	0 45	16 25
W 25	12 47	13 52	3 4	19 43	1 54	2 6	1 29	22 4	0 45	15 11	1 20	3 33	2 45	6 8	0 45	16 25
T 26	13 6	10 36	1 59	20 17	2 2	1 39	1 31	22 11	0 46	15 9	1 20	3 32	2 45	6 7	0 45	16 25
F 27	13 26	6 39	0 45	20 49	2 9	1 12	1 32	22 19	0 46	15 7	1 20	3 30	2 45	6 6	0 45	16 25
S 28	13 45	2 11	0n33	21 19	2 16	0 45	1 34	22 26	0 47	15 5	1 20	3 29	2 45	6 5	0 45	16 25
S 29	14 4	2s32	1 51	21 46	2 22	0 18	1 35	22 32	0 47	15 2	1 20	3 27	2 45	6 4	0 45	16 25
M 30	14n23	7s 9	3n 3	22n11	2n26	0n 9	1s36	22n39	0n47	15s 0	1n20	3s26	2n44	6s 3	0s45	16n25

Julian Day Number = 2423510.5, Delta T = 23.21 sec
 Ecliptic obliquity = 23°26'49", Nutation = - 0°00'04", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 23°40'06", Lahiri = 22°47'06"

ASTRODIENST EPHEMERIS for the year 1923

geocentric

JUNE 1923

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 33 49	9Ⅱ29°10	3☾55	5°R 8	12☾30	0☾44	10°R58	13°R34	17☾21	15☾43	9☾56	16°R35	16☾21	26☾53	19☾50	F 1
S 2	16 37 45	10°26'38	18° 1	4Ⅱ37	13°42	1°23	10Ⅱ52	13☾32	17°22	15°44	9°57	16☾26	16°18	27° 0	19°52	S 2
S 3	16 41 42	11°24'05	1☾39	4° 8	14°54	2° 3	10°46	13°31	17°23	15°45	9°59	16°19	16°14	27° 6	19°55	S 3
M 4	16 45 38	12°21'32	14°48	3°42	16° 7	2°42	10°40	13°30	17°24	15°46	10° 0	16°15	16°11	27°13	19°57	M 4
T 5	16 49 35	13°18'57	27°33	3°19	17°19	3°22	10°35	13°28	17°25	15°47	10° 1	16°13	16° 8	27°20	20° 0	T 5
W 6	16 53 32	14°16'22	9☾55	2°59	18°32	4° 1	10°30	13°27	17°26	15°49	10° 3	16°12	16° 5	27°27	20° 2	W 6
T 7	16 57 28	15°13'47	22° 1	2°43	19°44	4°40	10°24	13°26	17°27	15°50	10° 4	16°12	16° 2	27°33	20° 4	T 7
F 8	17 1 25	16°11'11	3☾56	2°30	20°57	5°20	10°19	13°25	17°28	15°51	10° 6	16°12	15°59	27°40	20° 7	F 8
S 9	17 5 21	17° 8'34	15°46	2°22	22° 9	5°59	10°14	13°24	17°28	15°53	10° 7	16° 9	15°55	27°47	20° 9	S 9
S 10	17 9 18	18° 5'56	27°34	2°D18	23°22	6°38	10°10	13°24	17°29	15°54	10° 8	16° 5	15°52	27°53	20°11	S 10
M11	17 13 14	19° 3'19	9☾26	2°19	24°34	7°17	10° 5	13°23	17°30	15°55	10°10	15°58	15°49	28° 0	20°13	M11
T 12	17 17 11	20° 0'40	21°24	2°24	25°47	7°57	10° 1	13°23	17°30	15°57	10°11	15°48	15°46	28° 7	20°15	T 12
W13	17 21 7	20°58'01	3Ⅱ32	2°33	26°59	8°36	9°56	13°22	17°31	15°58	10°13	15°36	15°43	28°13	20°17	W13
T 14	17 25 4	21°55'21	15°50	2°47	28°12	9°15	9°52	13°22	17°31	15°59	10°14	15°22	15°39	28°20	20°20	T 14
F 15	17 29 1	22°52'41	28°20	3° 6	29°24	9°54	9°48	13°21	17°32	16° 1	10°16	15° 9	15°36	28°27	20°22	F 15
S 16	17 32 57	23°50'00	11☾2	3°29	0Ⅱ37	10°33	9°44	13°21	17°32	16° 2	10°17	14°57	15°33	28°33	20°24	S 16
S 17	17 36 54	24°47'19	23°55	3°57	1°50	11°12	9°41	13°D21	17°32	16° 4	10°18	14°47	15°30	28°40	20°25	S 17
M18	17 40 50	25°44'36	7☾0	4°29	3° 2	11°52	9°37	13°21	17°33	16° 5	10°20	14°40	15°27	28°47	20°27	M18
T 19	17 44 47	26°41'53	20°16	5° 5	4°15	12°31	9°34	13°22	17°33	16° 7	10°21	14°36	15°24	28°53	20°29	T 19
W20	17 48 43	27°39'10	3Ⅱ44	5°46	5°28	13°10	9°31	13°22	17°33	16° 9	10°23	14°34	15°20	29° 0	20°31	W20
T 21	17 52 40	28°36'25	17°25	6°31	6°40	13°49	9°28	13°22	17°33	16°10	10°24	14°D34	15°17	29° 7	20°33	T 21
F 22	17 56 36	29°33'40	1☾19	7°20	7°53	14°28	9°25	13°23	17°33	16°12	10°26	14°R34	15°14	29°13	20°34	F 22
S 23	18 0 33	0☾30'54	15°27	8°13	9° 6	15° 7	9°22	13°23	17°R33	16°14	10°27	14°33	15°11	29°20	20°36	S 23
S 24	18 4 30	1°28'07	29°48	9°10	10°19	15°46	9°20	13°24	17°33	16°15	10°29	14°31	15° 8	29°27	20°38	S 24
M25	18 8 26	2°25'19	14Ⅱ19	10°11	11°31	16°24	9°17	13°25	17°33	16°17	10°30	14°26	15° 5	29°33	20°39	M25
T 26	18 12 23	3°22'32	28°55	11°16	12°44	17° 3	9°15	13°25	17°33	16°19	10°32	14°18	15° 1	29°40	20°41	T 26
W27	18 16 19	4°19'43	13☾32	12°25	13°57	17°42	9°13	13°26	17°33	16°20	10°33	14° 9	14°58	29°47	20°42	W27
T 28	18 20 16	5°16'55	28° 1	13°38	15°10	18°21	9°11	13°27	17°33	16°22	10°35	13°59	14°55	29°54	20°44	T 28
F 29	18 24 12	6°14'06	12☾15	14°54	16°23	19° 0	9°10	13°29	17°32	16°24	10°36	13°49	14°52	0☾0	20°45	F 29
S 30	18 28 9	7☾11'17	26☾10	16Ⅱ14	17Ⅱ36	19☾39	9Ⅱ8	13☾30	17☾32	16☾26	10☾38	13☾40	14☾49	0☾7	20°46	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	21n53	18s36	4n48	18n29	2s43	14n 4	1s36	24n25	0n58	13s55	1n16	2s55	2n39	5s42	0s46	F 1
S 2	22 1	17 59	4 17	18 10	2 57	14 26	1 35	24 25	0 58	13 53	1 16	2 55	2 39	5 42	0 46	S 2
S 3	22 9	16 21	3 33	17 52	3 10	14 49	1 34	24 25	0 59	13 52	1 16	2 54	2 38	5 41	0 46	S 3
M 4	22 17	15 53	2 38	17 36	3 22	15 11	1 33	24 24	0 59	13 50	1 15	2 54	2 38	5 41	0 46	M 4
T 5	22 24	10 48	1 37	17 21	3 32	15 33	1 31	24 23	0 59	13 49	1 15	2 54	2 38	5 41	0 46	T 5
W 6	22 31	7 20	0 33	17 8	3 42	15 54	1 30	24 23	1 0	13 47	1 15	2 53	2 38	5 40	0 46	W 6
T 7	22 38	3 38	0s31	16 57	3 50	16 15	1 28	24 22	1 0	13 46	1 15	2 53	2 37	5 40	0 46	T 7
F 8	22 44	0n 9	1 32	16 48	3 56	16 36	1 27	24 20	1 0	13 44	1 15	2 53	2 37	5 40	0 46	F 8
S 9	22 49	3 54	2 30	16 41	4 2	16 56	1 25	24 19	1 0	13 43	1 14	2 53	2 37	5 40	0 46	S 9
S 10	22 55	7 30	3 20	16 36	4 6	17 16	1 23	24 17	1 1	13 42	1 14	2 53	2 37	5 39	0 46	S 10
M11	23 0	10 48	4 2	16 33	4 9	17 36	1 22	24 15	1 1	13 41	1 14	2 53	2 36	5 39	0 46	M11
T 12	23 4	13 42	4 34	16 32	4 11	17 55	1 20	24 13	1 1	13 39	1 14	2 53	2 36	5 39	0 46	T 12
W13	23 8	16 3	4 54	16 34	4 12	18 13	1 18	24 11	1 1	13 38	1 13	2 53	2 36	5 39	0 47	W13
T 14	23 12	17 43	5 0	16 37	4 11	18 31	1 16	24 9	1 1	13 37	1 13	2 53	2 36	5 39	0 47	T 14
F 15	23 15	18 34	4 52	16 42	4 10	18 49	1 14	24 6	1 2	13 36	1 13	2 53	2 35	5 39	0 47	F 15
S 16	23 18	18 30	4 30	16 49	4 7	19 6	1 12	24 3	1 2	13 35	1 13	2 53	2 35	5 39	0 47	S 16
S 17	23 21	17 29	3 54	16 57	4 4	19 23	1 10	24 0	1 2	13 34	1 12	2 54	2 35	5 38	0 47	S 17
M18	23 23	15 33	3 5	17 7	3 59	19 39	1 8	23 57	1 2	13 33	1 12	2 54	2 35	5 38	0 47	M18
T 19	23 24	12 45	2 5	17 19	3 54	19 55	1 6	23 54	1 3	13 33	1 12	2 54	2 34	5 38	0 47	T 19
W20	23 26	9 15	0 57	17 32	3 48	20 10	1 4	23 50	1 3	13 32	1 12	2 55	2 34	5 38	0 47	W20
T 21	23 26	5 12	0n15	17 46	3 41	20 25	1 2	23 46	1 3	13 31	1 11	2 55	2 34	5 38	0 47	T 21
F 22	23 27	0 49	1 28	18 2	3 34	20 39	1 0	23 42	1 3	13 30	1 11	2 55	2 34	5 38	0 47	F 22
S 23	23 27	3s41	2 36	18 18	3 26	20 52	0 58	23 38	1 3	13 30	1 11	2 56	2 33	5 38	0 47	S 23
S 24	23 26	8 2	3 36	18 35	3 17	21 5	0 55	23 34	1 3	13 29	1 11	2 56	2 33	5 38	0 47	S 24
M25	23 25	11 58	4 22	18 54	3 7	21 18	0 53	23 29	1 4	13 29	1 10	2 57	2 33	5 38	0 47	M25
T 26	23 24	15 11	4 52	19 12	2 57	21 30	0 51	23 25	1 4	13 28	1 10	2 57	2 33	5 39	0 47	T 26
W27	23 23	17 26	5 2	19 32	2 47	21 41	0 48	23 20	1 4	13 28	1 10	2 58	2 32	5 39	0 47	W27
T 28	23 20	18 32	4 53	19 51	2 36	21 51	0 46	23 15	1 4	13 28	1 10	2 59	2 32	5 39	0 47	T 28
F 29	23 18	18 28	4 26	20 11	2 25	22 2	0 44	23 10	1 4	13 27	1 9	2 59	2 32	5 39	0 47	F 29
S 30	23n15	17s15	3n44	20n31	2s13	22n11	0s41	23n 4	1n 5	13s27	1n 9	3s 0	2n32	5s39	0s47	S 30

Julian Day Number = 2423571.5, Delta T = 23.28 sec

Ecliptic obliquity = 23°26'48, Nutation = - 0°00'05, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 23°40'14, Lahiri = 22°47'15

ASTRODIENST EPHEMERIS for the year 1923

geocentric

JULY 1923

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 32 5	8° 8'28	9° 42'	17° 38'	18° 49'	20° 18'	9° R 7	13° 31'	17° R32	16° 28'	10° 39'	13° R33	14° 45'	0° 14'	20° 48'	S 1
M 2	18 36 2	9° 5'38	22° 49'	19° 5'	20° 2'	20° 56'	9° M 6	13° 33'	17° R31	16° 29'	10° 41'	13° M29	14° 42'	0° 20'	20° 49'	M 2
T 3	18 39 59	10° 2'49	5° 33'	20° 36'	21° 14'	21° 35'	9° 5	13° 34'	17° 31	16° 31	10° 42'	13° 27'	14° 39'	0° 27'	20° 50'	T 3
W 4	18 43 55	11° 0'00	17° 57'	22° 10'	22° 27'	22° 14'	9° 5	13° 36'	17° 31	16° 33	10° 44'	13° D27	14° 36'	0° 34'	20° 51'	W 4
T 5	18 47 52	11° 57'12	0° 5'	23° 48'	23° 41'	22° 53'	9° 4	13° 38'	17° 30	16° 35	10° 45'	13° 28'	14° 33'	0° 40'	20° 52'	T 5
F 6	18 51 48	12° 54'23	12° 1'	25° 29'	24° 54'	23° 31'	9° 4	13° 39'	17° 29	16° 37	10° 47'	13° R28	14° 30'	0° 47'	20° 53'	F 6
S 7	18 55 45	13° 51'35	23° 53'	27° 14'	26° 7'	24° 10'	9° D 4	13° 41'	17° 29	16° 39	10° 48'	13° 28'	14° 26'	0° 54'	20° 54'	S 7
S 8	18 59 41	14° 48'47	5° 43'	29° 1'	27° 20'	24° 49'	9° 4	13° 43'	17° 28	16° 41	10° 50'	13° 25'	14° 23'	1° 0'	20° 55'	S 8
M 9	19 3 38	15° 46'00	17° 38'	0° 52'	28° 33'	25° 27'	9° 4	13° 46'	17° 27	16° 43	10° 52'	13° 21'	14° 20'	1° 7'	20° 56'	M 9
T 10	19 7 34	16° 43'13	29° 41'	2° 46'	29° 46'	26° 6'	9° 4	13° 48'	17° 27	16° 45	10° 53'	13° 14'	14° 17'	1° 14'	20° 57'	T 10
W11	19 11 31	17° 40'26	11° 56'	4° 42'	0° 59'	26° 45'	9° 5	13° 50'	17° 26	16° 47	10° 55'	13° 6'	14° 14'	1° 20'	20° 58'	W11
T 12	19 15 28	18° 37'40	24° 26'	6° 40'	2° 12'	27° 23'	9° 6	13° 52'	17° 25	16° 49	10° 56'	12° 56'	14° 11'	1° 27'	20° 59'	T 12
F 13	19 19 24	19° 34'54	7° 51'	8° 41'	3° 26'	28° 2'	9° 6	13° 55'	17° 24	16° 51	10° 58'	12° 47'	14° 7'	1° 34'	20° 59'	F 13
S 14	19 23 21	20° 32'09	20° 10'	10° 44'	4° 39'	28° 41'	9° 8	13° 58'	17° 23	16° 53	10° 59	12° 38'	14° 4'	1° 40'	21° 0'	S 14
S 15	19 27 17	21° 29'23	3° 24'	12° 49'	5° 52'	29° 19'	9° 9	14° 0'	17° 22	16° 55	11° 1'	12° 31'	14° 1'	1° 47'	21° 0'	S 15
M16	19 31 14	22° 26'38	16° 51'	14° 55'	7° 5'	29° 58'	9° 10	14° 3'	17° 21	16° 57	11° 2'	12° 26'	13° 58'	1° 54'	21° 1'	M16
T 17	19 35 10	23° 23'54	0° 29'	17° 2'	8° 19'	0° 36'	9° 12	14° 6'	17° 20	16° 59	11° 4'	12° 24'	13° 55'	2° 1'	21° 1'	T 17
W18	19 39 7	24° 21'09	14° 16'	19° 9'	9° 32'	1° 15'	9° 14	14° 9'	17° 19	17° 1'	11° 5'	12° D23	13° 51'	2° 7'	21° 2'	W18
T 19	19 43 3	25° 18'24	28° 12'	21° 17'	10° 45'	1° 53'	9° 16	14° 12'	17° 18	17° 3'	11° 6'	12° 24'	13° 48'	2° 14'	21° 2'	T 19
F 20	19 47 0	26° 15'40	12° 14'	23° 26'	11° 59'	2° 32'	9° 18	14° 15'	17° 16	17° 5'	11° 8'	12° 25'	13° 45'	2° 21'	21° 3'	F 20
S 21	19 50 57	27° 12'56	26° 22'	25° 34'	13° 12'	3° 10'	9° 20	14° 18'	17° 15	17° 7'	11° 9'	12° R26	13° 42'	2° 27'	21° 3'	S 21
S 22	19 54 53	28° 10'12	10° 35'	27° 42'	14° 26'	3° 49'	9° 23	14° 22'	17° 14	17° 9'	11° 11'	12° 25'	13° 39'	2° 34'	21° 3'	S 22
M23	19 58 50	29° 7'29	24° 50'	29° 49'	15° 39'	4° 27'	9° 26	14° 25'	17° 13	17° 11'	11° 12'	12° 23'	13° 36'	2° 41'	21° 3'	M23
T 24	20 2 46	0° 2'45	9° 4'	1° 55'	16° 53'	5° 6'	9° 28	14° 28'	17° 11	17° 14	11° 14	12° 18'	13° 32'	2° 47'	21° 3'	T 24
W25	20 6 43	1° 2'02	23° 14'	4° 1'	18° 6'	5° 44'	9° 31	14° 32'	17° 10	17° 16	11° 15	12° 13'	13° 29'	2° 54'	21° 3'	W25
T 26	20 10 39	1° 59'20	7° 16'	6° 5'	19° 20'	6° 23'	9° 35	14° 36'	17° 8	17° 18	11° 17	12° 7'	13° 26'	3° 1'	21° R 3	T 26
F 27	20 14 36	2° 56'38	21° 6'	8° 8'	20° 33'	7° 1'	9° 38	14° 39'	17° 7	17° 20	11° 18	12° 1'	13° 23'	3° 7'	21° 3'	F 27
S 28	20 18 32	3° 53'57	4° 39'	10° 9'	21° 47'	7° 39'	9° 42	14° 43'	17° 5	17° 22	11° 20	11° 55'	13° 20	3° 14'	21° 3'	S 28
S 29	20 22 29	4° 51'17	17° 55'	12° 10'	23° 0'	8° 18'	9° 45	14° 47'	17° 4	17° 24	11° 21	11° 51'	13° 17	3° 21'	21° 3'	S 29
M30	20 26 26	5° 48'37	0° 52'	14° 8'	24° 14'	8° 56'	9° 49	14° 51'	17° 2	17° 27	11° 22	11° 49'	13° 13	3° 28'	21° 3'	M30
T 31	20 30 22	6° 45'58	13° 30'	16° 5'	25° 28'	9° 35'	9° M53	14° 55'	17° 1	17° 29	11° 24	11° D49	13° 10'	3° 34'	21° 3'	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	23n12	15s 6	2n50	20n51	2s 2	22n20	0s39	22n59	1n 5	13s27	1n 9	3s 1	2n31	5s39	0s47	16n 6
M 2	23 8	12 13	1 48	21 11	1 50	22 28	0 36	22 53	1 5	13 27	1 9	3 2	2 31	5 39	0 47	16 6
T 3	23 4	8 50	0 42	21 30	1 37	22 36	0 34	22 47	1 5	13 27	1 8	3 2	2 31	5 40	0 47	16 5
W 4	22 59	5 8	0s24	21 48	1 25	22 42	0 31	22 41	1 5	13 27	1 8	3 3	2 31	5 40	0 47	16 4
T 5	22 55	1 19	1 28	22 6	1 12	22 49	0 29	22 35	1 5	13 27	1 8	3 4	2 30	5 40	0 47	16 4
F 6	22 49	2n30	2 27	22 22	1 0	22 54	0 26	22 28	1 5	13 27	1 8	3 5	2 30	5 40	0 47	16 3
S 7	22 43	6 11	3 19	22 38	0 47	22 59	0 24	22 22	1 6	13 27	1 7	3 6	2 30	5 41	0 47	16 3
S 8	22 37	9 37	4 2	22 52	0 35	23 4	0 21	22 15	1 6	13 28	1 7	3 7	2 30	5 41	0 47	16 2
M 9	22 31	12 41	4 36	23 4	0 23	23 7	0 19	22 8	1 6	13 28	1 7	3 8	2 29	5 41	0 47	16 2
T 10	22 24	15 15	4 57	23 14	0 11	23 10	0 16	22 1	1 6	13 28	1 6	3 9	2 29	5 42	0 48	16 1
W11	22 17	17 11	5 5	23 23	0n 1	23 13	0 14	21 54	1 6	13 29	1 6	3 10	2 29	5 42	0 48	16 0
T 12	22 9	18 21	4 59	23 29	0 13	23 14	0 11	21 46	1 6	13 29	1 6	3 12	2 29	5 42	0 48	16 0
F 13	22 1	18 37	4 39	23 33	0 23	23 15	0 9	21 39	1 6	13 30	1 6	3 13	2 28	5 43	0 48	15 59
S 14	21 53	17 55	4 3	23 35	0 34	23 16	0 6	21 31	1 7	13 31	1 5	3 14	2 28	5 43	0 48	15 59
S 15	21 44	16 15	3 14	23 33	0 44	23 15	0 4	21 23	1 7	13 31	1 5	3 15	2 28	5 43	0 48	15 58
M16	21 35	13 41	2 13	23 30	0 53	23 14	0 1	21 15	1 7	13 32	1 5	3 16	2 28	5 44	0 48	15 57
T 17	21 25	10 19	1 4	23 23	1 2	23 12	0n 1	21 7	1 7	13 33	1 5	3 18	2 27	5 44	0 48	15 57
W18	21 15	6 21	0n10	23 14	1 10	23 10	0 4	20 59	1 7	13 34	1 4	3 19	2 27	5 45	0 48	15 56
T 19	21 5	2 0	1 24	23 2	1 17	23 7	0 6	20 50	1 7	13 34	1 4	3 21	2 27	5 45	0 48	15 56
F 20	20 54	2s28	2 34	22 47	1 23	23 3	0 9	20 42	1 7	13 35	1 4	3 22	2 27	5 46	0 48	15 55
S 21	20 43	6 50	3 35	22 30	1 29	22 59	0 11	20 33	1 7	13 36	1 4	3 23	2 26	5 46	0 48	15 54
S 22	20 32	10 50	4 23	22 10	1 34	22 53	0 14	20 24	1 7	13 37	1 3	3 25	2 26	5 47	0 48	15 54
M23	20 20	14 12	4 55	21 48	1 38	22 48	0 16	20 15	1 8	13 38	1 3	3 26	2 26	5 47	0 48	15 53
T 24	20 8	16 44	5 9	21 23	1 41	22 41	0 18	20 6	1 8	13 40	1 3	3 28	2 26	5 48	0 48	15 52
W25	19 56	18 13	5 4	20 56	1 44	22 34	0 21	19 56	1 8	13 41	1 2	3 30	2 26	5 49	0 48	15 52
T 26	19 43	18 35	4 40	20 28	1 46	22 26	0 23	19 47	1 8	13 42	1 2	3 31	2 25	5 49	0 48	15 51
F 27	19 30	17 49	4 1	19 58	1 47	22 18	0 25	19 37	1 8	13 43	1 2	3 33	2 25	5 50	0 48	15 50
S 28	19 17	16 3	3 8	19 25	1 47	22 8	0 28	19 27	1 8	13 45	1 2	3 35	2 25	5 50	0 48	15 50
S 29	19 3	13 27	2 6	18 52	1 47	21 59	0 30	19 17	1 8	13 46	1 1	3 36	2 25	5 51	0 48	15 49
M30	18 49	10 15	0 59	18 17	1 46	21 48	0 32	19 7	1 8	13 48	1 1	3 38	2 24	5 52	0 48	15 48
T 31	18n35	6s38	0s 9	17n41	1n45	21n37	0n35	18n57	1n 8	13s49	1n 1	3s40	2n24	5s52	0s48	15n48

Julian Day Number = 2423601.5, Delta T = 23.31 sec
 Ecliptic obliquity = 23°26'48", Nutation = - 0°00'04", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 23°40'18", Lahiri = 22°47'19"

ASTRODIENST EPHEMERIS for the year 1923

geocentric

AUGUST 1923

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 34 19	7♏43'20	25♏51	18♏1	26♏41	10♏13	9♏57	14♏59	16°R59	17♏231	11♏25	11♏50	13♏7	3♏41	21°R 2	W 1
T 2	20 38 15	8°40'43	7♏58	19°55	27°55	10°51	10° 2	15° 3	16♏57	17°33	11°26	11°51	13° 4	3°48	21°Y 2	T 2
F 3	20 42 12	9°38'08	19°55	21°47	29° 9	11°30	10° 6	15° 8	16°56	17°35	11°28	11°53	13° 1	3°54	21° 2	F 3
S 4	20 46 8	10°35'33	1♏48	23°38	0♏22	12° 8	10°11	15°12	16°54	17°38	11°29	11°54	12°57	4° 1	21° 1	S 4
S 5	20 50 5	11°33'00	13°39	25°27	1°36	12°46	10°16	15°16	16°52	17°40	11°31	11°R54	12°54	4° 8	21° 1	S 5
M 6	20 54 1	12°30'28	25°36	27°15	2°50	13°25	10°21	15°21	16°50	17°42	11°32	11°54	12°51	4°14	21° 0	M 6
T 7	20 57 58	13°27'57	7♏41	29° 1	4° 4	14° 3	10°26	15°26	16°48	17°44	11°33	11°51	12°48	4°21	20°59	T 7
W 8	21 1 55	14°25'28	20° 0	0♏45	5°18	14°41	10°31	15°30	16°46	17°46	11°35	11°48	12°45	4°28	20°59	W 8
T 9	21 5 51	15°23'00	2♏35	2°28	6°32	15°19	10°37	15°35	16°44	17°49	11°36	11°44	12°42	4°34	20°58	T 9
F 10	21 9 48	16°20'33	15°29	4° 9	7°46	15°58	10°42	15°40	16°43	17°51	11°37	11°40	12°38	4°41	20°57	F 10
S 11	21 13 44	17°18'07	28°42	5°49	9° 0	16°36	10°48	15°45	16°41	17°53	11°38	11°37	12°35	4°48	20°56	S 11
S 12	21 17 41	18°15'43	12♏15	7°27	10°13	17°14	10°54	15°50	16°39	17°55	11°40	11°34	12°32	4°55	20°55	S 12
M13	21 21 37	19°13'20	26° 5	9° 4	11°27	17°53	11° 0	15°55	16°37	17°58	11°41	11°32	12°29	5° 1	20°55	M13
T 14	21 25 34	20°10'58	10♏8	10°39	12°42	18°31	11° 6	16° 0	16°34	18° 0	11°42	11°D31	12°26	5° 8	20°54	T 14
W15	21 29 30	21° 8'37	24°22	12°13	13°56	19° 9	11°13	16° 5	16°32	18° 2	11°43	11°32	12°23	5°15	20°53	W15
T 16	21 33 27	22° 6'17	8♏42	13°45	15°10	19°47	11°19	16°10	16°30	18° 4	11°45	11°33	12°19	5°21	20°51	T 16
F 17	21 37 24	23° 3'58	23° 3	15°15	16°24	20°26	11°26	16°15	16°28	18° 6	11°46	11°34	12°16	5°28	20°50	F 17
S 18	21 41 20	24° 1'40	7♏23	16°44	17°38	21° 4	11°32	16°21	16°26	18° 9	11°47	11°35	12°13	5°35	20°49	S 18
S 19	21 45 17	24°59'24	21°37	18°12	18°52	21°42	11°39	16°26	16°24	18°11	11°48	11°R36	12°10	5°41	20°48	S 19
M20	21 49 13	25°57'08	5♏45	19°38	20° 6	22°20	11°46	16°31	16°22	18°13	11°49	11°35	12° 7	5°48	20°47	M20
T 21	21 53 10	26°54'54	19°44	21° 2	21°20	22°58	11°53	16°37	16°19	18°15	11°50	11°35	12° 3	5°55	20°45	T 21
W22	21 57 6	27°52'40	3♏32	22°25	22°34	23°37	12° 1	16°43	16°17	18°17	11°52	11°33	12° 0	6° 1	20°44	W22
T 23	22 1 3	28°50'28	17° 8	23°46	23°49	24°15	12° 8	16°48	16°15	18°20	11°53	11°32	11°57	6° 8	20°43	T 23
F 24	22 4 59	29°48'17	0♏32	25° 5	25° 3	24°53	12°16	16°54	16°13	18°22	11°54	11°30	11°54	6°15	20°41	F 24
S 25	22 8 56	0♏46'07	13°41	26°23	26°17	25°31	12°23	17° 0	16°10	18°24	11°55	11°29	11°51	6°22	20°40	S 25
S 26	22 12 53	1°43'59	26°35	27°38	27°31	26° 9	12°31	17° 5	16° 8	18°26	11°56	11°28	11°48	6°28	20°38	S 26
M27	22 16 49	2°41'52	9♏16	28°52	28°46	26°48	12°39	17°11	16° 6	18°28	11°57	11°D28	11°44	6°35	20°36	M27
T 28	22 20 46	3°39'47	21°42	0♏4	0♏0	27°26	12°47	17°17	16° 4	18°31	11°58	11°28	11°41	6°42	20°35	T 28
W29	22 24 42	4°37'43	3♏56	1°15	1°14	28° 4	12°55	17°23	16° 1	18°33	11°59	11°28	11°38	6°48	20°33	W29
T 30	22 28 39	5°35'41	15°59	2°23	2°29	28°42	13° 4	17°29	15°59	18°35	12° 0	11°29	11°35	6°55	20°31	T 30
F 31	22 32 35	6♏33'41	27♏55	3♏28	3♏43	29♏20	13♏12	17♏35	15♏56	18♏237	12♏1	11♏29	11♏32	7♏2	20°Y30	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	18n21	2s49	1s16	17n 4	1n42	21n26	0n37	18n47	1n 8	13s51	1n 1	3s41	2n24	5s53	0s48	15n47	0n12
T 2	18 6	1n 3	2 18	16 25	1 40	21 13	0 39	18 37	1 8	13 52	1 0	3 43	2 24	5 54	0 48	15 47	0 12
F 3	17 51	4 48	3 13	15 46	1 37	21 0	0 41	18 26	1 8	13 54	1 0	3 45	2 24	5 54	0 48	15 46	0 12
S 4	17 35	8 21	4 0	15 6	1 33	20 47	0 43	18 15	1 8	13 56	1 0	3 47	2 23	5 55	0 48	15 45	0 12
S 5	17 19	11 33	4 36	14 26	1 29	20 33	0 45	18 5	1 9	13 57	1 0	3 49	2 23	5 56	0 48	15 45	0 12
M 6	17 3	14 17	5 1	13 45	1 24	20 18	0 47	17 54	1 9	13 59	0 59	3 51	2 23	5 56	0 48	15 44	0 12
T 7	16 47	16 27	5 13	13 3	1 19	20 2	0 49	17 43	1 9	14 1	0 59	3 53	2 23	5 57	0 48	15 43	0 12
W 8	16 31	17 55	5 10	12 21	1 14	19 47	0 51	17 32	1 9	14 3	0 59	3 55	2 23	5 58	0 48	15 43	0 12
T 9	16 14	18 32	4 53	11 39	1 8	19 30	0 53	17 20	1 9	14 5	0 59	3 57	2 22	5 59	0 48	15 42	0 12
F 10	15 57	18 14	4 21	10 57	1 2	19 13	0 55	17 9	1 9	14 7	0 59	3 59	2 22	6 0	0 48	15 41	0 13
S 11	15 39	16 56	3 34	10 14	0 55	18 55	0 57	16 58	1 9	14 9	0 58	4 1	2 22	6 0	0 48	15 40	0 13
S 12	15 22	14 40	2 34	9 31	0 48	18 37	0 58	16 46	1 9	14 11	0 58	4 3	2 22	6 1	0 48	15 40	0 13
M13	15 4	11 31	1 24	8 49	0 41	18 19	1 0	16 34	1 9	14 13	0 58	4 5	2 22	6 2	0 48	15 39	0 13
T 14	14 46	7 39	0 8	8 6	0 34	17 59	1 2	16 22	1 9	14 15	0 58	4 7	2 21	6 3	0 49	15 38	0 13
W15	14 27	3 19	1n10	7 23	0 26	17 40	1 3	16 11	1 9	14 17	0 57	4 9	2 21	6 4	0 49	15 38	0 13
T 16	14 9	1s14	2 24	6 41	0 18	17 20	1 5	15 59	1 9	14 20	0 57	4 11	2 21	6 4	0 49	15 37	0 13
F 17	13 50	5 43	3 30	5 58	0 10	16 59	1 6	15 46	1 9	14 22	0 57	4 14	2 21	6 5	0 49	15 36	0 13
S 18	13 31	9 51	4 22	5 16	0 2	16 38	1 8	15 34	1 9	14 24	0 57	4 16	2 21	6 6	0 49	15 36	0 13
S 19	13 12	13 23	4 57	4 34	0s 6	16 16	1 9	15 22	1 9	14 26	0 56	4 18	2 21	6 7	0 49	15 35	0 13
M20	12 52	16 7	5 14	3 53	0 15	15 54	1 11	15 10	1 9	14 29	0 56	4 20	2 20	6 8	0 49	15 34	0 13
T 21	12 33	17 51	5 13	3 12	0 24	15 32	1 12	14 57	1 9	14 31	0 56	4 22	2 20	6 9	0 49	15 34	0 13
W22	12 13	18 31	4 53	2 31	0 33	15 9	1 13	14 44	1 9	14 34	0 56	4 25	2 20	6 10	0 49	15 33	0 13
T 23	11 53	18 6	4 17	1 50	0 42	14 45	1 14	14 32	1 9	14 36	0 56	4 27	2 20	6 10	0 49	15 32	0 13
F 24	11 33	16 40	3 28	1 11	0 51	14 22	1 15	14 19	1 9	14 39	0 55	4 29	2 20	6 11	0 49	15 32	0 13
S 25	11 12	14 22	2 28	0 31	1 0	13 57	1 16	14 6	1 9	14 41	0 55	4 32	2 20	6 12	0 49	15 31	0 13
S 26	10 52	11 23	1 22	0s 7	1 9	13 33	1 17	13 53	1 9	14 44	0 55	4 34	2 19	6 13	0 49	15 30	0 13
M27	10 31	7 55	0 12	0 45	1 18	13 8	1 18	13 40	1 9	14 46	0 55	4 36	2 19	6 14	0 49	15 30	0 13
T 28	10 10	4 10	0s56	1 22	1 28	12 43	1 19	13 27	1 9	14 49	0 54	4 39	2 19	6 15	0 49	15 29	0 13
W29	9 49	0 18	2 1	1 59	1 37	12 17	1 20	13 14	1 9	14 52	0 54	4 41	2 19	6 16	0 49	15 28	0 13
T 30	9 28	3n31	3 0	2 34	1 47	11 51	1 21	13 0	1 9	14 54	0 54	4 44	2 19	6 17	0 49	15 28	0 13
F 31	9n 6	7n 9	3s50	3s 9	1s56	11n25	1n21	12n47	1n 9	14s57	0n54	4s46	2n19	6s18	0s49	15n27	0n13

Julian Day Number = 2423632.5, Delta T = 23.34 sec
 Ecliptic obliquity = 23°26'48", Nutation = - 0°00'04", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 23°40'23", Lahiri = 22°47'23"

ASTRODIENST EPHEMERIS for the year 1923

geocentric

SEPTEMBER 1923

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 36 32	7 ^h 31'43"	9 ^h 47'	4 ^h 32'	4 ^h 57'	29 ^h 58'	13 ^h 21'	17 ^h 41'	15 ^h R54	18 ^h 239	12 ^h 2	11 ^h 30	11 ^h 28	7 ^h 8	20°R28	S 1
S 2	22 40 28	8°29'47"	21°39'	5°33'	6°12'	0 ^h 37'	13°29'	17°48'	15 ^h 52	18°41'	12° 3	11°30'	11°25'	7°15'	20°V26	S 2
M 3	22 44 25	9°27'52"	3 ^h 34'	6°32'	7°26'	1°15'	13°38'	17°54'	15°49'	18°43'	12° 4	11°30'	11°22'	7°22'	20°24	M 3
T 4	22 48 21	10°26'00"	15°39'	7°27'	8°41'	1°53'	13°47'	18° 0'	15°47'	18°45'	12° 5	11°R30	11°19'	7°29'	20°22	T 4
W 5	22 52 18	11°24'09"	27°56'	8°20'	9°55'	2°31'	13°56'	18° 6'	15°45'	18°48'	12° 6	11°D30	11°16'	7°35'	20°20	W 5
T 6	22 56 15	12°22'21"	10 ^h 31'	9°10'	11°10'	3° 9'	14° 5'	18°13'	15°42'	18°50'	12° 6	11°30'	11°13'	7°42'	20°18	T 6
F 7	23 0 11	13°20'34"	23°27'	9°57'	12°24'	3°48'	14°14'	18°19'	15°40'	18°52'	12° 7	11°30'	11° 9'	7°49'	20°16	F 7
S 8	23 4 8	14°18'50"	6 ^h 46'	10°40'	13°39'	4°26'	14°24'	18°26'	15°37'	18°54'	12° 8	11°31'	11° 6'	7°55'	20°14	S 8
S 9	23 8 4	15°17'07"	20°29'	11°20'	14°53'	5° 4'	14°33'	18°32'	15°35'	18°56'	12° 9	11°31'	11° 3'	8° 2'	20°12	S 9
M10	23 12 1	16°15'27"	4 ^h 35'	11°55'	16° 8'	5°42'	14°42'	18°39'	15°33'	18°58'	12°10	11°R31	11° 0'	8° 9'	20°10	M10
T 11	23 15 57	17°13'48"	19° 0'	12°26'	17°23'	6°20'	14°52'	18°45'	15°30'	19° 0'	12°10	11°31'	10°57'	8°15'	20° 8	T 11
W12	23 19 54	18°12'11"	3 ^h 39'	12°53'	18°37'	6°58'	15° 2'	18°52'	15°28'	19° 2'	12°11	11°31'	10°54'	8°22'	20° 5	W12
T 13	23 23 50	19°10'35"	18°26'	13°15'	19°52'	7°37'	15°12'	18°58'	15°25'	19° 4'	12°12	11°30'	10°50'	8°29'	20° 3	T 13
F 14	23 27 47	20° 9'02"	3 ^h 13'	13°31'	21° 6'	8°15'	15°22'	19° 5'	15°23'	19° 6'	12°13	11°29'	10°47'	8°36'	20° 1	F 14
S 15	23 31 44	21° 7'30"	17°53'	13°42'	22°21'	8°53'	15°32'	19°12'	15°21'	19° 8'	12°13	11°28'	10°44'	8°42'	19°59	S 15
S 16	23 35 40	22° 6'00"	2 ^h 21'	13°R47	23°36'	9°31'	15°42'	19°19'	15°18'	19°10'	12°14	11°27'	10°41'	8°49'	19°56	S 16
M17	23 39 37	23° 4'31"	16°32'	13°46'	24°50'	10° 9'	15°52'	19°25'	15°16'	19°12'	12°14	11°D27	10°38'	8°56'	19°54	M17
T 18	23 43 33	24° 3'04"	0 ^h 32'	13°38'	26° 5'	10°47'	16° 2'	19°32'	15°14'	19°14'	12°15	11°27'	10°34'	9° 2'	19°52	T 18
W19	23 47 30	25° 1'39"	14° 2'	13°23'	27°20'	11°25'	16°13'	19°39'	15°11'	19°15'	12°16	11°27'	10°31'	9° 9'	19°49	W19
T 20	23 51 26	26° 0'15"	17° 2'	13° 2'	28°34'	12° 4'	16°23'	19°46'	15° 9'	19°17'	12°16	11°28'	10°28'	9°16'	19°47	T 20
F 21	23 55 23	26°58'53"	20 ^h 22'	12°33'	29°49'	12°42'	16°34'	19°53'	15° 6'	19°19'	12°17	11°30'	10°25'	9°22'	19°44	F 21
S 22	23 59 19	27°57'33"	23° 9'	11°57'	1 ^h 4'	13°20'	16°44'	20° 0'	15° 4'	19°21'	12°17	11°31'	10°22'	9°29'	19°42	S 22
S 23	0 3 16	28°56'14"	5 ^h 43'	11°14'	2°19'	13°58'	16°55'	20° 7'	15° 2'	19°23'	12°18	11°R32	10°19'	9°36'	19°39	S 23
M24	0 7 13	29°54'58"	18° 6'	10°25'	3°33'	14°36'	17° 6'	20°14'	15° 0'	19°25'	12°18	11°32'	10°15'	9°43'	19°37	M24
T 25	0 11 9	0 ^h 53'43"	0 ^h Y19	9°30'	4°48'	15°14'	17°17'	20°21'	14°57'	19°26'	12°19	11°31'	10°12'	9°49'	19°34	T 25
W26	0 15 6	1°52'30"	1°23'00"	8°30'	6° 3'	15°53'	17°28'	20°28'	14°55'	19°28'	12°19	11°29'	10° 9'	9°56'	19°32	W26
T 27	0 19 2	2°51'19"	24°21'	7°26'	7°18'	16°31'	17°39'	20°35'	14°53'	19°30'	12°20	11°26'	10° 6'	10° 3'	19°29	T 27
F 28	0 22 59	3°50'11"	6 ^h 15'	6°19'	8°32'	17° 9'	17°50'	20°42'	14°50'	19°32'	12°20	11°22'	10° 3'	10° 9'	19°26	F 28
S 29	0 26 55	4°49'04"	18° 6'	5°12'	9°47'	17°47'	18° 1'	20°49'	14°48'	19°33'	12°20	11°18'	9°59'	10°16	19°24	S 29
S 30	0 30 52	5 ^h 48'00"	29 ^h 57'	4 ^h 5'	11 ^h 2'	18 ^h 25'	18 ^h 13'	20 ^h 56'	14 ^h 46'	19 ^h 35'	12 ^h 21	11 ^h 14	9 ^h 56	10 ^h 23	19 ^h 21	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	8n45	10n29	4s30	3s43	2s 5	10n58	1n22	12n34	1n 9	15s 0	0n54	4s49	2n19	6s19	0s49	15n27	0n13	20n23	2s32	7n15	7n16	9n53	9n11	1n17			
S 2	8 23	13 22	4 59	4 16	2 14	10 31	1 23	12 20	1 9	15 3	0 53	4 51	2 18	6 20	0 49	15 26	0 13	20 22	2 32	7 15	7 17	9 54	9 10	1 17			
M 3	8 1	15 44	5 14	4 47	2 23	10 4	1 23	12 7	1 9	15 5	0 53	4 54	2 18	6 20	0 49	15 25	0 13	20 22	2 32	7 15	7 18	9 56	9 9	1 17			
T 4	7 39	17 26	5 17	5 18	2 32	9 37	1 24	11 53	1 9	15 8	0 53	4 56	2 18	6 21	0 49	15 25	0 13	20 22	2 32	7 15	7 19	9 58	9 9	1 17			
W 5	7 17	18 21	5 4	5 47	2 41	9 9	1 24	11 39	1 9	15 11	0 53	4 59	2 18	6 22	0 49	15 24	0 13	20 22	2 32	7 15	7 21	9 59	9 8	1 17			
T 6	6 55	18 25	4 38	6 14	2 50	8 41	1 24	11 25	1 9	15 14	0 53	5 1	2 18	6 23	0 49	15 23	0 13	20 22	2 32	7 15	7 22	10 1	9 7	1 17			
F 7	6 33	17 32	3 56	6 41	2 58	8 13	1 24	11 11	1 9	15 17	0 52	5 4	2 18	6 24	0 49	15 23	0 13	20 22	2 32	7 15	7 23	10 3	9 6	1 17			
S 8	6 11	15 40	3 1	7 5	3 7	7 44	1 25	10 57	1 9	15 20	0 52	5 6	2 18	6 25	0 49	15 22	0 13	20 22	2 32	7 15	7 24	10 4	9 6	1 17			
S 9	5 48	12 52	1 54	7 28	3 14	7 15	1 25	10 43	1 9	15 23	0 52	5 9	2 18	6 26	0 49	15 21	0 13	20 22	2 32	7 15	7 25	10 6	9 5	1 17			
M10	5 25	9 14	0 38	7 49	3 22	6 47	1 25	10 29	1 9	15 26	0 52	5 11	2 17	6 27	0 49	15 21	0 13	20 22	2 32	7 15	7 27	10 8	9 4	1 17			
T 11	5 3	4 59	0n41	8 7	3 29	6 17	1 25	10 15	1 9	15 29	0 52	5 14	2 17	6 28	0 49	15 20	0 13	20 22	2 32	7 15	7 28	10 9	9 3	1 17			
W12	4 40	0 23	2 0	8 24	3 36	5 48	1 25	10 1	1 9	15 32	0 52	5 16	2 17	6 29	0 49	15 20	0 13	20 22	2 32	7 15	7 29	10 11	9 2	1 16			
T 13	4 17	4s17	3 11	8 38	3 42	5 19	1 25	9 47	1 9	15 35	0 51	5 19	2 17	6 30	0 49	15 19	0 13	20 22	2 32	7 15	7 30	10 13	9 1	1 16			
F 14	3 54	8 41	4 9	8 49	3 47	4 49	1 24	9 32	1 9	15 38	0 51	5 22	2 17	6 31	0 49	15 18	0 13	20 22	2 32	7 15	7 31	10 14	9 0	1 16			
S 15	3 31	12 31	4 50	8 58	3 52	4 19	1 24	9 18	1 9	15 41	0 51	5 24	2 17	6 32	0 49	15 18	0 13	20 22	2 32	7 16	7 33	10 16	8 59	1 16			
S 16	3 8	15 31	5 13	9 3	3 55	3 50	1 24	9 4	1 8	15 44	0 51	5 27	2 17	6 33	0 49	15 17	0 13	20 22	2 32	7 16	7 34	10 18	8 59	1 16			
M17	2 45	17 32	5 15	9 5	3 58	3 20	1 23	8 49	1 8	15 47	0 51	5 30	2 17	6 33	0 49	15 17	0 13	20 22	2 32	7 16	7 35	10 19	8 58	1 16			
T 18	2 22	18 27	5 0	9 4	4 0	2 50	1 23	8 35	1 8	15 50	0 50	5 32	2 17	6 34	0 49	15 16	0 13	20 21	2 32	7 16	7 36	10 21	8 57	1 16			
W19	1 59	18 17	4 27	8 58	4 0	2 19	1 22	8 20	1 8	15 53	0 50	5 35	2 17	6 35	0 49	15 15	0 13	20 21	2 32	7 16	7 37	10 23	8 56	1 16			
T 20	1 35	17 5	3 41	8 49	3 59	1 49	1 22	8 5	1 8	15 57	0 50	5 38	2 16	6 36	0 49	15 15	0 13	20 21	2 32	7 16	7 39	10 24	8 55	1 16			
F 21	1 12	15 1	2 44	8 36	3 57	1 19	1 21	7 51	1 8	16 0	0 50	5 40	2 16	6 37	0 49	15 14	0 13	20 21	2 32	7 15	7 40	10 26	8 54	1 16			
S 22	0 49	12 14	1 40	8 18	3 53	0 48	1 20	7 36	1 8	16 3	0 50	5 43	2 16	6 38	0 49	15 14	0 13	20 21	2 32	7 15	7 41	10 28	8 53	1 16			
S 23	0 25	8 55	0 32	7 56	3 47	0 18	1 20	7 21	1 8	16 6	0 50	5 46	2 16	6 39	0 49	15 13	0 13	20 21	2 32	7 15	7 42	10 29	8 52	1 16			
M24	0 2	5 16	0s36	7 30	3 40	0s13	1 19	7 6	1 8	16 9	0 49	5 48	2 16	6 40	0 49	15 13	0 13	20 21	2 32	7 15	7 43	10 31	8 51	1 16			
T 25	0s21	1 26	1 42	6 59	3 30	0 43	1 18	6 52	1 8	16 13	0 49	5 51	2 16	6 41	0 49	15 12	0 13	20 21	2 32	7 15	7 45	10 33	8 50	1 16			
W26	0 45	2n25	2 42	6 25	3 19	1 14	1 17	6 37	1 8	16 16	0 49	5 54	2 16	6 41	0 49	15 12	0 13	20 21	2 32	7 16	7 46	10 34	8 49	1 16			
T 27	1 8	6 7	3 34	5 47	3 6	1 44	1 16	6 22	1 8	16 19	0 49	5 56	2 16	6 42	0 49	15 11	0 13	20 21	2 32	7 17	7 47	10 36	8 48	1 16			
F 28	1 32	9 33	4 17	5 7	2 51	2 14	1 15	6 7	1 8	16 22	0 49	5 59	2 16	6 43	0 49	15 11	0 13	20 21	2 32	7 18	7 48	10 38	8 47	1 16			
S 29	1 55	12 36	4 49	4 25	2 34	2 45	1 14	5 52	1 7	16 26	0 49	6 2	2 16	6 44	0 49	15 10	0 13	20 21	2 32	7 20	7 49	10 39	8 46	1 16			
S 30	2s18	15n 8	5s 8	3s42	2s16	3s15	1n12	5n37	1n 7	16s29	0n49	6s 5	2n16	6s45	0s49	15n10	0n13	20n21	2s32	7n21	7n51	10n41	8n45	1n16			

ASTRODIENST EPHEMERIS for the year 1923

geocentric

OCTOBER 1923

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 34 48	6♌46'58	11♏52	3°R 1	12♏17	19♏3	18♏24	21♏3	14°R44	19♏237	12♏21	11°R11	9♏53	10♏29	19°R18	M 1
T 2	0 38 45	7°45'59	23°54	2♏1	13°32	19°42	18°35	21°11	14°R42	19°38	12°21	11°R9	9°50	10°36	19°R16	T 2
W 3	0 42 41	8°45'01	6♏9	1°7	14°46	20°20	18°47	21°18	14°40	19°40	12°22	11°D8	9°47	10°43	19°13	W 3
T 4	0 46 38	9°44'06	18°39	0°20	16°1	20°58	18°59	21°25	14°38	19°41	12°22	11°8	9°44	10°50	19°10	T 4
F 5	0 50 35	10°43'14	1♏30	29♏42	17°16	21°36	19°10	21°32	14°35	19°43	12°22	11°10	9°40	10°56	19°8	F 5
S 6	0 54 31	11°42'23	14°45	29°13	18°31	22°14	19°22	21°39	14°33	19°45	12°22	11°11	9°37	11°3	19°5	S 6
S 7	0 58 28	12°41'35	28°27	28°55	19°46	22°53	19°34	21°47	14°31	19°46	12°22	11°13	9°34	11°10	19°2	S 7
M 8	1 2 24	13°40'49	12♏36	28°D48	21°1	23°31	19°46	21°54	14°29	19°47	12°23	11°R13	9°31	11°16	18°59	M 8
T 9	1 6 21	14°40'06	27°10	28°51	22°16	24°9	19°57	22°1	14°27	19°49	12°23	11°12	9°28	11°23	18°57	T 9
W10	1 10 17	15°39'24	12♏5	29°5	23°30	24°47	20°9	22°8	14°25	19°50	12°23	11°10	9°25	11°30	18°54	W10
T 11	1 14 14	16°38'45	27°12	29°29	24°45	25°26	20°22	22°16	14°23	19°52	12°23	11°6	9°21	11°37	18°51	T 11
F 12	1 18 10	17°38'07	12♏23	0♏3	26°0	26°4	20°34	22°23	14°22	19°53	12°23	11°0	9°18	11°43	18°48	F 12
S 13	1 22 7	18°37'32	27°26	0°45	27°15	26°42	20°46	22°30	14°20	19°55	12°23	10°55	9°15	11°50	18°46	S 13
S 14	1 26 4	19°36'58	12♏13	1°36	28°30	27°20	20°58	22°38	14°18	19°56	12°R23	10°50	9°12	11°57	18°43	S 14
M15	1 30 0	20°36'27	26°38	2°35	29°45	27°58	21°10	22°45	14°16	19°57	12°23	10°46	9°9	12°3	18°40	M15
T 16	1 33 57	21°35'57	10♏38	3°40	1♏0	28°37	21°23	22°52	14°14	19°58	12°23	10°43	9°5	12°10	18°37	T 16
W17	1 37 53	22°35'28	24°12	4°52	2°15	29°15	21°35	23°0	14°13	20°0	12°23	10°D43	9°2	12°17	18°35	W17
T 18	1 41 50	23°35'02	7♏22	6°8	3°30	29°53	21°47	23°7	14°11	20°1	12°23	10°44	8°59	12°23	18°32	T 18
F 19	1 45 46	24°34'37	20°12	7°29	4°45	0♏31	22°0	23°14	14°9	20°2	12°23	10°45	8°56	12°30	18°29	F 19
S 20	1 49 43	25°34'14	2♏45	8°54	6°0	1°10	22°12	23°22	14°8	20°3	12°23	10°46	8°53	12°37	18°26	S 20
S 21	1 53 39	26°33'52	15°4	10°22	7°14	1°48	22°25	23°29	14°6	20°4	12°22	10°R47	8°50	12°44	18°24	S 21
M22	1 57 36	27°33'33	27°13	11°53	8°29	2°26	22°37	23°36	14°4	20°5	12°22	10°45	8°46	12°50	18°21	M22
T 23	2 1 33	28°33'15	9°R14	13°26	9°44	3°4	22°50	23°43	14°3	20°6	12°22	10°41	8°43	12°57	18°18	T 23
W24	2 5 29	29°32'59	21°11	15°0	10°59	3°43	23°3	23°51	14°1	20°7	12°22	10°35	8°40	13°4	18°16	W24
T 25	2 9 26	0♏32'46	3♏4	16°37	12°14	4°21	23°16	23°58	14°0	20°9	12°22	10°27	8°37	13°10	18°13	T 25
F 26	2 13 22	1°32'34	14°56	18°14	13°29	4°59	23°28	24°5	13°59	20°9	12°21	10°17	8°34	13°17	18°10	F 26
S 27	2 17 19	2°32'24	26°48	19°52	14°44	5°38	23°41	24°13	13°57	20°10	12°21	10°7	8°31	13°24	18°8	S 27
S 28	2 21 15	3°32'16	8♏41	21°31	15°59	6°16	23°54	24°20	13°56	20°11	12°21	9°57	8°27	13°31	18°5	S 28
M29	2 25 12	4°32'11	20°38	23°10	17°14	6°54	24°7	24°27	13°55	20°12	12°20	9°47	8°24	13°37	18°2	M29
T 30	2 29 8	5°32'07	2♏42	24°50	18°29	7°32	24°20	24°34	13°53	20°13	12°20	9°40	8°21	13°44	18°0	T 30
W31	2 33 5	6♏32'06	14♏55	26♏29	19♏44	8♏11	24♏33	24♏41	13♏52	20♏14	12♏20	9♏35	8♏18	13♏51	17♏57	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
M 1	2s42	17n 2	5s14	2s59	1s57	3s46	1n11	5n22	1n 7	16s32	0n48	6s 7	2n16	6s46	0s49	15n 9	0n13	20n21	2s32	7n22	7n52	10n43	8n44	1n16					
T 2	3 5	18 13	5 6	2 17	1 37	4 16	1 10	5 7	1 7	16 35	0 48	6 10	2 16	6 46	0 49	15 9	0 13	20 21	2 32	7 23	7 53	10 44	8 42	1 16					
W 3	3 28	18 34	4 45	1 37	1 16	4 46	1 9	4 52	1 7	16 39	0 48	6 13	2 16	6 47	0 49	15 8	0 13	20 21	2 32	7 23	7 54	10 46	8 41	1 15					
T 4	3 51	18 2	4 9	0 59	0 56	5 16	1 7	4 36	1 7	16 42	0 48	6 15	2 16	6 48	0 48	15 8	0 13	20 21	2 32	7 23	7 55	10 47	8 40	1 15					
F 5	4 15	16 34	3 21	0 26	0 36	5 46	1 6	4 21	1 7	16 45	0 48	6 18	2 16	6 49	0 48	15 7	0 13	20 21	2 32	7 23	7 57	10 49	8 39	1 15					
S 6	4 38	14 11	2 20	0n 4	0 16	6 16	1 4	4 6	1 7	16 49	0 48	6 21	2 16	6 50	0 48	15 7	0 13	20 21	2 32	7 22	7 58	10 51	8 38	1 15					
S 7	5 1	10 56	1 9	0 28	0n 2	6 46	1 3	3 51	1 7	16 52	0 48	6 24	2 16	6 50	0 48	15 6	0 13	20 21	2 32	7 22	7 59	10 52	8 37	1 15					
M 8	5 24	6 57	0n 8	0 47	0 20	7 16	1 1	3 36	1 6	16 55	0 47	6 26	2 16	6 51	0 48	15 6	0 13	20 21	2 32	7 22	8 0	10 54	8 36	1 15					
T 9	5 47	2 27	1 26	1 1	0 36	7 45	0 59	3 20	1 6	16 59	0 47	6 29	2 15	6 52	0 48	15 5	0 13	20 21	2 32	7 22	8 1	10 56	8 35	1 15					
W10	6 10	2s19	2 40	1 9	0 51	8 14	0 58	3 5	1 6	17 2	0 47	6 32	2 15	6 53	0 48	15 5	0 13	20 21	2 32	7 23	8 3	10 57	8 34	1 15					
T 11	6 33	6 59	3 45	1 12	1 5	8 44	0 56	2 50	1 6	17 5	0 47	6 34	2 15	6 53	0 48	15 4	0 13	20 21	2 32	7 24	8 4	10 59	8 33	1 15					
F 12	6 55	11 13	4 33	1 9	1 17	9 13	0 54	2 34	1 6	17 9	0 47	6 37	2 15	6 54	0 48	15 4	0 13	20 21	2 32	7 26	8 5	11 1	8 31	1 15					
S 13	7 18	14 41	5 2	1 2	1 27	9 41	0 52	2 19	1 6	17 12	0 47	6 40	2 15	6 55	0 48	15 4	0 13	20 21	2 32	7 29	8 6	11 2	8 30	1 15					
S 14	7 41	17 8	5 10	0 50	1 36	10 10	0 50	2 4	1 6	17 15	0 47	6 43	2 15	6 55	0 48	15 3	0 13	20 21	2 32	7 31	8 7	11 4	8 29	1 15					
M15	8 3	18 26	4 59	0 33	1 44	10 38	0 48	1 49	1 6	17 19	0 46	6 45	2 15	6 56	0 48	15 3	0 13	20 21	2 32	7 32	8 9	11 5	8 28	1 15					
T 16	8 25	18 33	4 29	0 13	1 50	11 6	0 46	1 33	1 5	17 22	0 46	6 48	2 15	6 57	0 48	15 2	0 13	20 21	2 32	7 33	8 10	11 7	8 27	1 15					
W17	8 48	17 35	3 46	0s11	1 55	11 34	0 44	1 18	1 5	17 25	0 46	6 51	2 15	6 57	0 48	15 2	0 13	20 21	2 32	7 33	8 11	11 9	8 26	1 14					
T 18	9 10	15 41	2 51	0 38	1 58	12 1	0 42	1 2	1 5	17 29	0 46	6 53	2 15	6 58	0 48	15 2	0 13	20 21	2 32	7 33	8 12	11 10	8 25	1 14					
F 19	9 32	13 2	1 49	1 7	2 1	12 29	0 40	0 47	1 5	17 32	0 46	6 56	2 15	6 59	0 48	15 1	0 14	20 21	2 32	7 32	8 13	11 12	8 24	1 14					
S 20	9 53	9 49	0 43	1 39	2 2	12 56	0 38	0 32	1 5	17 35	0 46	6 59	2 15	6 59	0 48	15 1	0 14	20 21	2 32	7 32	8 15	11 14	8 22	1 14					
S 21	10 15	6 15	0s23	2 14	2 3	13 22	0 36	0 16	1 5	17 39	0 46	7 1	2 15	7 0	0 48	15 1	0 14	20 21	2 32	7 32	8 16	11 15	8 21	1 14					
M22	10 37	2 27	1 28	2 49	2 2	13 48	0 34	0 1	1 4	17 42	0 46	7 4	2 15	7 0	0 48	15 0	0 14	20 21	2 32	7 32	8 17	11 17	8 20	1 14					
T 23	10 58	1n24	2 27	3 27	2 1	14 14	0 31	0s14	1 4	17 45	0 46	7 7	2 15	7 1	0 48	15 0	0 14	20 21	2 32	7 34	8 18	11 18	8 19	1 14					
W24	11 19	5 10	3 20	4 5	1 59	14 40	0 29	0 30	1 4	17 48	0 45	7 9	2 15	7 2	0 48	15 0	0 14	20 21	2 32	7 36	8 19	11 20	8 18	1 14					
T 25	11 40	8 43	4 4	4 44	1 57	15 5	0 27	0 45	1 4	17 52	0 45	7 12	2 16	7 2	0 48	14 59	0 14	20 21	2 32	7 39	8 21	11 22	8 17	1 14					
F 26	12 1	11 55	4 36	5 24	1 53	15 30	0 24	1 0	1 4	17 55	0 45	7 15	2 16	7 3	0 48	14 59	0 14	20 21	2 32	7 43	8 22	11 23	8 16	1 14					
S 27	12 22	14 37	4 57	6 5	1 50	15 55	0 22	1 16	1 4	17 58	0 45	7 17	2 16	7 3	0 48	14 59	0 14	20 21	2 32	7 47	8 23	11 25	8 15	1 14					
S 28	12 42	16 44	5 5	6 45	1 46	16 19	0 20	1 31	1 3	18 2	0 45	7 20	2 16	7 4	0 48	14 59	0 14	20 21	2 32	7 51	8 24	11 27	8 14	1 14					
M29	13 2	18 8	5 0	7 26	1 41	16 42	0 17	1 46	1 3	18 5	0 45	7 23	2 16	7 4	0 48	14 58	0 14	20 21	2 32	7 54	8 25	11 28	8 13	1 13					
T 30	13 22	18 44	4 41	8 7	1 36	17 6	0 15	2 2	1 3	18 8	0 45	7 25	2 16	7 4	0 48	14 58	0 14	20 21	2 32	7 57	8 26	11 30	8 11	1 13					
W31	13s42	18n29	4s10	8s48	1n31	17s28	0n13	2s17	1n 3	18s11	0n45	7s28	2n16	7s 5	0s48	14n58	0n14	20n21	2s32	7n59	8n28	11n31	8n10	1n13					

ASTRODIENST EPHEMERIS for the year 1923

geocentric

DECEMBER 1923

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 35 18	7 ^h 45 ^m 51 ^s	2 ^h 34 ^m	16 ^h 5 ^m	28 ^h 26 ^m	28 ^h 1 ^m	1 ^h 24 ^m	28 ^h 12 ^m	13 ^h 39 ^m	20 ^h R23	11 ^h R57	6 ^h R35	6 ^h 39 ^m	17 ^h 19 ^m	16 ^h R52	S 1
S 2	4 39 15	8 ^h 46 ^m 42 ^s	15 ^h 58 ^m	17 ^h 38 ^m	29 ^h 41 ^m	28 ^h 40 ^m	1 ^h 37 ^m	28 ^h 18 ^m	13 ^h 40 ^m	20 ^h 22 ^m	11 ^h 56 ^m	6 ^h 35 ^m	6 ^h 36 ^m	17 ^h 26 ^m	16 ^h 50 ^m	S 2
M 3	4 43 11	9 ^h 47 ^m 33 ^s	29 ^h 46 ^m	19 ^h 11 ^m	0 ^h 56 ^m	29 ^h 18 ^m	1 ^h 50 ^m	28 ^h 24 ^m	13 ^h 40 ^m	20 ^h 22 ^m	11 ^h 55 ^m	6 ^h 34 ^m	6 ^h 33 ^m	17 ^h 32 ^m	16 ^h 49 ^m	M 3
T 4	4 47 8	10 ^h 48 ^m 26 ^s	13 ^h 59 ^m	20 ^h 44 ^m	2 ^h 11 ^m	29 ^h 57 ^m	2 ^h 4 ^m	28 ^h 30 ^m	13 ^h 41 ^m	20 ^h 22 ^m	11 ^h 54 ^m	6 ^h 31 ^m	6 ^h 30 ^m	17 ^h 39 ^m	16 ^h 48 ^m	T 4
W 5	4 51 4	11 ^h 49 ^m 20 ^s	28 ^h 37 ^m	22 ^h 17 ^m	3 ^h 26 ^m	0 ^h 35 ^m	2 ^h 17 ^m	28 ^h 36 ^m	13 ^h 41 ^m	20 ^h 21 ^m	11 ^h 53 ^m	6 ^h 26 ^m	6 ^h 27 ^m	17 ^h 46 ^m	16 ^h 46 ^m	W 5
T 6	4 55 1	12 ^h 50 ^m 16 ^s	13 ^h 35 ^m	23 ^h 49 ^m	4 ^h 40 ^m	1 ^h 14 ^m	2 ^h 30 ^m	28 ^h 42 ^m	13 ^h 42 ^m	20 ^h 21 ^m	11 ^h 52 ^m	6 ^h 17 ^m	6 ^h 23 ^m	17 ^h 52 ^m	16 ^h 45 ^m	T 6
F 7	4 58 58	13 ^h 51 ^m 13 ^s	28 ^h 46 ^m	25 ^h 22 ^m	5 ^h 55 ^m	1 ^h 52 ^m	2 ^h 44 ^m	28 ^h 48 ^m	13 ^h 42 ^m	20 ^h 20 ^m	11 ^h 51 ^m	6 ^h 7 ^m	6 ^h 20 ^m	17 ^h 59 ^m	16 ^h 44 ^m	F 7
S 8	5 2 54	14 ^h 52 ^m 11 ^s	13 ^h 59 ^m	26 ^h 54 ^m	7 ^h 10 ^m	2 ^h 31 ^m	2 ^h 57 ^m	28 ^h 54 ^m	13 ^h 43 ^m	20 ^h 20 ^m	11 ^h 50 ^m	5 ^h 55 ^m	6 ^h 17 ^m	18 ^h 6 ^m	16 ^h 43 ^m	S 8
S 9	5 6 51	15 ^h 53 ^m 10 ^s	29 ^h 3 ^m	28 ^h 27 ^m	8 ^h 25 ^m	3 ^h 9 ^m	3 ^h 10 ^m	29 ^h 0 ^m	13 ^h 44 ^m	20 ^h 19 ^m	11 ^h 49 ^m	5 ^h 43 ^m	6 ^h 14 ^m	18 ^h 13 ^m	16 ^h 42 ^m	S 9
M10	5 10 47	16 ^h 54 ^m 10 ^s	13 ^h 49 ^m	29 ^h 59 ^m	9 ^h 40 ^m	3 ^h 48 ^m	3 ^h 23 ^m	29 ^h 6 ^m	13 ^h 45 ^m	20 ^h 19 ^m	11 ^h 48 ^m	5 ^h 34 ^m	6 ^h 11 ^m	18 ^h 19 ^m	16 ^h 40 ^m	M10
T 11	5 14 44	17 ^h 55 ^m 11 ^s	28 ^h 9 ^m	1 ^h 31 ^m	10 ^h 55 ^m	4 ^h 26 ^m	3 ^h 36 ^m	29 ^h 11 ^m	13 ^h 45 ^m	20 ^h 18 ^m	11 ^h 47 ^m	5 ^h 26 ^m	6 ^h 8 ^m	18 ^h 26 ^m	16 ^h 39 ^m	T 11
W12	5 18 40	18 ^h 56 ^m 12 ^s	11 ^h 59 ^m	3 ^h 2 ^m	12 ^h 9 ^m	5 ^h 5 ^m	3 ^h 50 ^m	29 ^h 17 ^m	13 ^h 46 ^m	20 ^h 18 ^m	11 ^h 46 ^m	5 ^h 22 ^m	6 ^h 4 ^m	18 ^h 33 ^m	16 ^h 39 ^m	W12
T 13	5 22 37	19 ^h 57 ^m 14 ^s	25 ^h 20 ^m	4 ^h 34 ^m	13 ^h 24 ^m	5 ^h 43 ^m	4 ^h 3 ^m	29 ^h 22 ^m	13 ^h 47 ^m	20 ^h 17 ^m	11 ^h 44 ^m	5 ^h 20 ^m	6 ^h 1 ^m	18 ^h 39 ^m	16 ^h 38 ^m	T 13
F 14	5 26 33	20 ^h 58 ^m 16 ^s	8 ^h 14 ^m	6 ^h 5 ^m	14 ^h 39 ^m	6 ^h 22 ^m	4 ^h 16 ^m	29 ^h 28 ^m	13 ^h 48 ^m	20 ^h 16 ^m	11 ^h 43 ^m	5 ^h D20	5 ^h 58 ^m	18 ^h 46 ^m	16 ^h 37 ^m	F 14
S 15	5 30 30	21 ^h 59 ^m 19 ^s	20 ^h 45 ^m	7 ^h 35 ^m	15 ^h 54 ^m	7 ^h 0 ^m	4 ^h 29 ^m	29 ^h 33 ^m	13 ^h 49 ^m	20 ^h 16 ^m	11 ^h 42 ^m	5 ^h R20	5 ^h 55 ^m	18 ^h 53 ^m	16 ^h 36 ^m	S 15
S 16	5 34 27	23 ^h 0 ^m 22 ^s	2 ^h 58 ^m	9 ^h 5 ^m	17 ^h 8 ^m	7 ^h 39 ^m	4 ^h 42 ^m	29 ^h 38 ^m	13 ^h 50 ^m	20 ^h 15 ^m	11 ^h 41 ^m	5 ^h 19 ^m	5 ^h 52 ^m	19 ^h 0 ^m	16 ^h 35 ^m	S 16
M17	5 38 23	24 ^h 1 ^m 26 ^s	14 ^h 59 ^m	10 ^h 34 ^m	18 ^h 23 ^m	8 ^h 17 ^m	4 ^h 55 ^m	29 ^h 44 ^m	13 ^h 52 ^m	20 ^h 14 ^m	11 ^h 40 ^m	5 ^h 17 ^m	5 ^h 48 ^m	19 ^h 6 ^m	16 ^h 35 ^m	M17
T 18	5 42 20	25 ^h 2 ^m 29 ^s	26 ^h 52 ^m	12 ^h 2 ^m	19 ^h 38 ^m	8 ^h 56 ^m	5 ^h 8 ^m	29 ^h 49 ^m	13 ^h 53 ^m	20 ^h 14 ^m	11 ^h 39 ^m	5 ^h 12 ^m	5 ^h 45 ^m	19 ^h 13 ^m	16 ^h 34 ^m	T 18
W19	5 46 16	26 ^h 3 ^m 34 ^s	8 ^h 42 ^m	13 ^h 29 ^m	20 ^h 53 ^m	9 ^h 34 ^m	5 ^h 21 ^m	29 ^h 54 ^m	13 ^h 54 ^m	20 ^h 13 ^m	11 ^h 37 ^m	5 ^h 5 ^m	5 ^h 42 ^m	19 ^h 20 ^m	16 ^h 33 ^m	W19
T 20	5 50 13	27 ^h 4 ^m 39 ^s	20 ^h 33 ^m	14 ^h 55 ^m	22 ^h 7 ^m	10 ^h 13 ^m	5 ^h 34 ^m	29 ^h 59 ^m	13 ^h 55 ^m	20 ^h 12 ^m	11 ^h 36 ^m	4 ^h 55 ^m	5 ^h 39 ^m	19 ^h 26 ^m	16 ^h 33 ^m	T 20
F 21	5 54 9	28 ^h 5 ^m 44 ^s	2 ^h 28 ^m	16 ^h 19 ^m	23 ^h 22 ^m	10 ^h 51 ^m	5 ^h 47 ^m	0 ^h 14 ^m	13 ^h 57 ^m	20 ^h 11 ^m	11 ^h 35 ^m	4 ^h 43 ^m	5 ^h 36 ^m	19 ^h 33 ^m	16 ^h 32 ^m	F 21
S 22	5 58 6	29 ^h 6 ^m 50 ^s	14 ^h 29 ^m	17 ^h 42 ^m	24 ^h 37 ^m	11 ^h 30 ^m	6 ^h 0 ^m	0 ^h 9 ^m	13 ^h 58 ^m	20 ^h 10 ^m	11 ^h 34 ^m	4 ^h 30 ^m	5 ^h 33 ^m	19 ^h 40 ^m	16 ^h 32 ^m	S 22
S 23	6 2 2	0 ^h 3 ^m 7 ^s 56 ^s	26 ^h 37 ^m	19 ^h 2 ^m	25 ^h 51 ^m	12 ^h 8 ^m	6 ^h 13 ^m	0 ^h 14 ^m	14 ^h 0 ^m	20 ^h 9 ^m	11 ^h 33 ^m	4 ^h 17 ^m	5 ^h 29 ^m	19 ^h 47 ^m	16 ^h 32 ^m	S 23
M24	6 5 59	1 ^h 0 ^m 0 ^s 2 ^s	8 ^h 53 ^m	20 ^h 20 ^m	27 ^h 6 ^m	12 ^h 47 ^m	6 ^h 25 ^m	0 ^h 19 ^m	14 ^h 1 ^m	20 ^h 8 ^m	11 ^h 31 ^m	4 ^h 6 ^m	5 ^h 26 ^m	19 ^h 53 ^m	16 ^h 31 ^m	M24
T 25	6 9 56	2 ^h 10 ^m 09 ^s	21 ^h 17 ^m	21 ^h 35 ^m	28 ^h 20 ^m	13 ^h 26 ^m	6 ^h 38 ^m	0 ^h 23 ^m	14 ^h 3 ^m	20 ^h 7 ^m	11 ^h 30 ^m	3 ^h 56 ^m	5 ^h 23 ^m	20 ^h 0 ^m	16 ^h 31 ^m	T 25
W26	6 13 52	3 ^h 11 ^m 16 ^s	3 ^h 52 ^m	22 ^h 46 ^m	29 ^h 35 ^m	14 ^h 4 ^m	6 ^h 51 ^m	0 ^h 28 ^m	14 ^h 4 ^m	20 ^h 6 ^m	11 ^h 29 ^m	3 ^h 49 ^m	5 ^h 20 ^m	20 ^h 7 ^m	16 ^h 31 ^m	W26
T 27	6 17 49	4 ^h 12 ^m 24 ^s	16 ^h 36 ^m	23 ^h 54 ^m	0 ^h 50 ^m	14 ^h 43 ^m	7 ^h 3 ^m	0 ^h 32 ^m	14 ^h 6 ^m	20 ^h 5 ^m	11 ^h 28 ^m	3 ^h 45 ^m	5 ^h 17 ^m	20 ^h 13 ^m	16 ^h 31 ^m	T 27
F 28	6 21 45	5 ^h 13 ^m 32 ^s	29 ^h 32 ^m	24 ^h 56 ^m	2 ^h 4 ^m	15 ^h 21 ^m	7 ^h 16 ^m	0 ^h 37 ^m	14 ^h 7 ^m	20 ^h 4 ^m	11 ^h 27 ^m	3 ^h D44	5 ^h 14 ^m	20 ^h 20 ^m	16 ^h 31 ^m	F 28
S 29	6 25 42	6 ^h 14 ^m 41 ^s	12 ^h 42 ^m	25 ^h 54 ^m	3 ^h 19 ^m	16 ^h 0 ^m	7 ^h 29 ^m	0 ^h 41 ^m	14 ^h 9 ^m	20 ^h 3 ^m	11 ^h 25 ^m	3 ^h 44 ^m	5 ^h 10 ^m	20 ^h 27 ^m	16 ^h D31	S 29
S 30	6 29 38	7 ^h 15 ^m 50 ^s	26 ^h 7 ^m	26 ^h 45 ^m	4 ^h 33 ^m	16 ^h 38 ^m	7 ^h 41 ^m	0 ^h 45 ^m	14 ^h 11 ^m	20 ^h 2 ^m	11 ^h 24 ^m	3 ^h 45 ^m	5 ^h 7 ^m	20 ^h 34 ^m	16 ^h 31 ^m	S 30
M31	6 33 35	8 ^h 16 ^m 59 ^s	9 ^h 49 ^m	27 ^h 32 ^m	5 ^h 48 ^m	17 ^h 17 ^m	7 ^h 54 ^m	0 ^h 15 ^m	14 ^h 13 ^m	20 ^h 1 ^m	11 ^h 23 ^m	3 ^h R45	5 ^h 10 ^m	20 ^h 34 ^m	16 ^h 31 ^m	M31

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	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
S 1	21s37	10n14	0s21	24s23	1s40	24s29	1s2	9s55	0n55	19s45	0n42	8s41	2n19	7s9	0s47	14n56	0n14	20n23	2s32	9n6	9n4	12n21	7n42	1n10	
S 2	21 46	6 18	0n49	24 36	1 45	24 31	1 4	10 9	0 55	19 48	0 42	8 43	2 19	7 9	0 47	14 56	0 14	20 23	2 32	9 6	9 5	12 22	7 41	1 10	
M 3	21 56	1 55	1 59	24 49	1 49	24 33	1 7	10 23	0 55	19 51	0 42	8 45	2 19	7 8	0 46	14 56	0 14	20 24	2 32	9 6	9 7	12 24	7 41	1 10	
T 4	22 4	2s42	3 4	25 0	1 53	24 34	1 9	10 36	0 54	19 54	0 42	8 47	2 19	7 8	0 46	14 56	0 14	20 24	2 32	9 7	9 8	12 25	7 40	1 9	
W 5	22 13	7 16	3 58	25 10	1 57	24 35	1 11	10 50	0 54	19 56	0 42	8 49	2 19	7 8	0 46	14 56	0 14	20 24	2 32	9 9	9 9	12 27	7 40	1 9	
T 6	22 21	11 30	4 37	25 18	2 0	24 34	1 12	11 4	0 54	19 59	0 42	8 51	2 19	7 8	0 46	14 56	0 14	20 24	2 32	9 12	9 10	12 28	7 39	1 9	
F 7	22 28	15 3	4 58	25 25	2 4	24 33	1 14	11 18	0 53	20 2	0 42	8 53	2 20	7 7	0 46	14 56	0 14	20 24	2 32	9 16	9 11	12 30	7 38	1 9	
S 8	22 35	17 34	4 57	25 31	2 7	24 31	1 16	11 31	0 53	20 4	0 42	8 55	2 20	7 7	0 46	14 57	0 14	20 24	2 32	9 21	9 13	12 32	7 38	1 9	
S 9	22 42	18 50	4 36	25 35	2 9	24 29	1 18	11 45	0 53	20 7	0 42	8 56	2 20	7 7	0 46	14 57	0 14	20 24	2 32	9 25	9 14	12 33	7 37	1 9	
M10	22 48	18 48	3 57	25 38	2 11	24 25	1 20	11 58	0 52	20 9	0 42	8 58	2 20	7 6	0 46	14 57	0 14	20 24	2 32	9 29	9 15	12 35	7 37	1 9	
T 11	22 54	17 33	3 3	25 40	2 13	24 21	1 21	12 11	0 52	20 12	0 42	9 0	2 20	7 6	0 46	14 57	0 15	20 24	2 32	9 31	9 16	12 36	7 36	1 9	
W12	22 59	15 17	2 0	25 40	2 16	24 16	1 23	12 25	0 52	20 14	0 42	9 2	2 20	7 6	0 46	14 57	0 15	20 25	2 32	9 33	9 17	12 38	7 36	1 8	
T 13	23 4	12 15	0 53	25 38	2 15	24 11	1 25	12 38	0 51	20 17	0 42	9 4	2 21	7 5	0 46	14 58	0 15	20 25	2 31	9 34	9 18	12 39	7 35	1 8	
F 14	23 8	8 43	0s15	25 35	2 17	24 4	1 26	12 51	0 51	20 19	0 42	9 5	2 21	7 5	0 46	14 58	0 15	20 25	2 31	9 34	9 20	12 41	7 35	1 8	
S 15	23 12	4 54	1 21	25 30	2 17	23 57	1 28	13 4	0 50	20 22	0 42	9 7	2 21	7 4	0 46	14 58	0 15	20 25	2 31	9 34	9 21	12 42	7 34	1 8	
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M17	23 19	2n55	3 14	25 17	2 16	23 41	1 31	13 29	0 50	20 27	0 41	9 10	2 21	7 3	0 46	14 58	0 15	20 25	2 31	9 35	9 23	12 45	7 34	1 8	
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W19	23 23	10 7	4 31	24 57	2 12	23 21	1 33	13 55	0 49	20 31	0 41	9 14	2 22	7 2	0 46	14 59	0 15	20 26	2 31	9 39	9 25	12 49	7 33	1 8	
T 20	23 25	13 11	4 53	24 45	2 9	23 11	1 34	14 7	0 48	20 34	0 41	9 15	2 22	7 2	0 46	14 59	0 15	20 26	2 31	9 43	9 27	12 50	7 33	1 7	
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S 22	23 27	17 37	4 57	24 17	2 2	22 47	1 36	14 32	0 48	20 38	0 41	9 18	2 22	7 1	0 46	15 0	0 15	20 26	2 31	9 52	9 29	12 53	7 32	1 7	
S 23	23 27	18 45	4 40	24 1	1 57	22 35	1 37	14 44	0 47	20 40	0 41	9 20	2 22	7 0	0 46	15 0	0 15	20 26	2 31	9 56	9 30	12 55	7 32	1 7	
M24	23 27	19 1	4 9	23 44	1 51	22 21	1 38	14 56	0 46	20 43	0 41	9 21	2 23	7 0	0 46	15 1	0 15	20 26	2 31	10 1	9 31	12 56	7 31	1 7	
T 25	23 26	18 22	3 26	23 26	1 44	22 7	1 39	15 8	0 47	20 45	0 41	9 23	2 23	6 59	0 46	15 1	0 15	20 26	2 31	10 4	9 32	12 58	7 31	1 7	
W26	23 24	16 49	2 32	23 7	1 37	21 52	1 40	15 20	0 46	20 47	0 41	9 24	2 23	6 58	0 46	15 1	0 15	20 27	2 31	10 7	9 34	12 59	7 31	1 7	
T 27	23 23	14 26	1 30	22 47	1 28	21 37	1 41	15 32	0 46	20 49	0 41	9 26	2 23	6 58	0 46	15 2	0 15	20 27	2 31	10 8	9 35	13 1	7 31	1 6	
F 28	23 21	11 17	0 22	22 26	1 19	21 21	1 41	15 43	0 45	20 51	0 41	9 27	2 24	6 57	0 46	15 2	0 15	20 27	2 31	10 9	9 36	13 2	7 31	1 6	
S 29	23 18	7 32	0n48	22 5	1 8	21 4	1 42	15 55	0 45	20 53	0 41	9 28	2 24	6 56	0 45	15 2	0 15	20 27	2 31	10 9	9 37	13 4	7 31	1 6	
S 30	23 15	3 20	1 57	21 44	0 56	20 47	1 42	16 7	0 44	20 55	0 41	9 29	2 24	6 56	0 45	15 3	0 15	20 27	2 31	10 8	9 38	13 5	7 30	1 6	
M31	23s11	1s7	3n1	21s22	0s43	20s29	1s43	16s18	0n44	20s57	0n41	9s31	2n24	6s55	0s45	15n3	0n15	20n27	2s31	10n8	9n39	13n7	7n30	1n	