



Astrodienst Ephemeris Tables for the year 1950

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 1950

geocentric

JANUARY 1950

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 40 18	10°01'17	11°25	29°27	16°59	2°13	6°30	19°26	2°41	17°16	17°48	12°34	12°7	28°47	15°47	S 1
M 2	6 44 15	11°1'26	13°44	0°28	17°19	2°35	6°44	19°26	2°38	17°17	17°47	12°23	12°4	28°53	15°53	M 2
T 3	6 48 11	12°2'35	26°19	1°24	17°37	2°56	6°57	19°26	2°36	17°17	17°46	12°11	12°0	29°0	16°0	T 3
W 4	6 52 8	13°3'43	9°10	2°13	17°54	3°17	7°11	19°25	2°33	17°18	17°45	11°57	11°57	29°7	16°7	W 4
T 5	6 56 4	14°4'52	22°16	2°55	18°8	3°38	7°25	19°25	2°31	17°18	17°43	11°43	11°54	29°13	16°14	T 5
F 6	7 0 1	15°6'00	5°36	3°27	18°19	3°59	7°38	19°24	2°28	17°19	17°42	11°31	11°51	29°20	16°20	F 6
S 7	7 3 57	16°7'08	19°8	3°51	18°29	4°19	7°52	19°23	2°26	17°19	17°41	11°20	11°48	29°27	16°27	S 7
S 8	7 7 54	17°8'16	2°48	4°4	18°36	4°39	8°6	19°22	2°23	17°19	17°40	11°13	11°45	29°33	16°33	S 8
M 9	7 11 50	18°9'25	16°36	4°R 7	18°41	4°58	8°20	19°21	2°21	17°20	17°39	11°9	11°41	29°40	16°40	M 9
T 10	7 15 47	19°10'33	0°30	3°57	18°44	5°17	8°34	19°20	2°18	17°20	17°38	11°7	11°38	29°47	16°47	T 10
W 11	7 19 44	20°11'41	14°29	3°36	18°R44	5°36	8°48	19°19	2°16	17°20	17°36	11°7	11°35	29°53	16°53	W 11
T 12	7 23 40	21°12'50	28°33	3°4	18°42	5°54	9°1	19°17	2°14	17°21	17°35	11°7	11°32	29°59	16°59	T 12
F 13	7 27 37	22°13'58	12°42	2°19	18°37	6°12	9°15	19°16	2°11	17°21	17°34	11°5	11°29	0°8	17°6	F 13
S 14	7 31 33	23°15'06	26°53	1°25	18°30	6°29	9°29	19°14	2°9	17°21	17°33	11°2	11°25	0°13	17°12	S 14
S 15	7 35 30	24°16'15	11°5	0°22	18°20	6°46	9°43	19°13	2°6	17°21	17°31	10°55	11°22	0°20	17°18	S 15
M 16	7 39 26	25°17'23	25°15	29°11	18°8	7°3	9°58	19°11	2°4	17°21	17°30	10°46	11°19	0°27	17°25	M 16
T 17	7 43 23	26°18'30	9°17	27°56	17°53	7°19	10°12	19°9	2°2	17°21	17°29	10°34	11°16	0°33	17°31	T 17
W 18	7 47 20	27°19'38	23°7	26°38	17°36	7°34	10°26	19°7	2°0	17°21	17°27	10°22	11°13	0°40	17°37	W 18
T 19	7 51 16	28°20'44	6°41	25°20	17°16	7°50	10°40	19°5	1°57	17°R21	17°26	10°10	11°10	0°47	17°43	T 19
F 20	7 55 13	29°21'50	19°56	24°4	16°54	8°4	10°54	19°3	1°55	17°21	17°25	9°59	11°6	0°53	17°49	F 20
S 21	7 59 9	0°22'55	2°50	22°52	16°30	8°18	11°8	19°1	1°53	17°21	17°23	9°51	11°3	1°0	17°55	S 21
S 22	8 3 6	1°24'00	15°24	21°47	16°4	8°32	11°22	18°58	1°51	17°21	17°22	9°46	11°0	1°6	18°1	S 22
M 23	8 7 2	2°25'03	27°40	20°49	15°36	8°45	11°37	18°56	1°49	17°21	17°21	9°43	10°57	1°13	18°7	M 23
T 24	8 10 59	3°26'05	9°42	19°59	15°6	8°58	11°51	18°53	1°47	17°21	17°19	9°D42	10°54	1°20	18°13	T 24
W 25	8 14 55	4°27'07	21°34	19°18	14°34	9°10	12°5	18°51	1°44	17°21	17°18	9°42	10°51	1°26	18°18	W 25
T 26	8 18 52	5°28'07	3°23	18°46	14°1	9°21	12°19	18°48	1°42	17°21	17°16	9°R43	10°47	1°33	18°24	T 26
F 27	8 22 48	6°29'06	15°12	18°23	13°26	9°32	12°34	18°45	1°40	17°20	17°15	9°42	10°44	1°40	18°30	F 27
S 28	8 26 45	7°30'05	27°8	18°9	12°51	9°42	12°48	18°42	1°38	17°20	17°14	9°40	10°41	1°46	18°35	S 28
S 29	8 30 42	8°31'02	9°16	18°D 4	12°14	9°52	13°2	18°39	1°37	17°20	17°12	9°36	10°38	1°53	18°41	S 29
M 30	8 34 38	9°31'57	21°39	18°6	11°37	10°1	13°16	18°36	1°35	17°19	17°11	9°29	10°35	2°0	18°46	M 30
T 31	8 38 35	10°32'52	4°22	18°15	11°0	10°10	13°31	18°33	1°33	17°19	17°9	9°Y20	10°Y31	2°6	18°51	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	23s 4	24n 9	3n47	21s28	1s13	15s 9	0n38	1n26	2n31	19s13	0s35	6n 2	2n 0	23n41	0n16	S 1
M 2	22 59	26 49	4 24	21 5	1 3	14 52	0 50	1 18	2 32	19 10	0 35	6 2	2 1	23 41	0 16	M 2
T 3	22 54	28 12	4 49	20 41	0 51	14 35	1 2	1 10	2 33	19 6	0 35	6 2	2 1	23 42	0 16	T 3
W 4	22 48	28 7	4 59	20 17	0 38	14 18	1 14	1 3	2 34	19 3	0 35	6 3	2 1	23 42	0 16	W 4
T 5	22 42	26 27	4 55	19 54	0 23	14 1	1 27	0 56	2 35	19 0	0 35	6 3	2 1	23 42	0 16	T 5
F 6	22 36	23 18	4 34	19 31	0 8	13 45	1 40	0 48	2 36	18 56	0 35	6 4	2 2	23 42	0 16	F 6
S 7	22 28	18 51	3 58	19 10	0n 8	13 30	1 53	0 41	2 37	18 53	0 35	6 4	2 2	23 42	0 16	S 7
S 8	22 21	13 23	3 8	18 50	0 25	13 15	2 7	0 35	2 38	18 49	0 35	6 5	2 2	23 42	0 16	S 8
M 9	22 13	7 13	2 6	18 32	0 43	13 0	2 21	0 28	2 40	18 46	0 35	6 6	2 3	23 42	0 16	M 9
T 10	22 5	0 39	0 56	18 16	1 2	12 45	2 35	0 21	2 41	18 42	0 35	6 6	2 3	23 42	0 16	T 10
W 11	21 56	5s59	0s18	18 3	1 21	12 32	2 49	0 15	2 42	18 38	0 36	6 7	2 3	23 42	0 16	W 11
T 12	21 46	12 23	1 31	17 52	1 40	12 18	3 4	0 9	2 43	18 35	0 36	6 8	2 3	23 42	0 16	T 12
F 13	21 37	18 10	2 39	17 44	1 58	12 6	3 19	0 3	2 44	18 31	0 36	6 9	2 4	23 42	0 16	F 13
S 14	21 27	22 59	3 37	17 38	2 16	11 54	3 34	0s 3	2 45	18 27	0 36	6 10	2 4	23 42	0 16	S 14
S 15	21 16	26 26	4 22	17 36	2 33	11 42	3 49	0 8	2 46	18 24	0 36	6 10	2 4	23 42	0 16	S 15
M 16	21 5	28 12	4 50	17 35	2 48	11 32	4 4	0 14	2 48	18 20	0 36	6 11	2 4	23 42	0 16	M 16
T 17	20 54	28 8	5 1	17 38	3 1	11 22	4 19	0 19	2 49	18 16	0 36	6 12	2 5	23 42	0 16	T 17
W 18	20 42	26 18	4 54	17 42	3 12	11 12	4 34	0 24	2 50	18 13	0 36	6 13	2 5	23 42	0 16	W 18
T 19	20 30	22 58	4 30	17 48	3 20	11 4	4 49	0 29	2 51	18 9	0 36	6 14	2 5	23 42	0 16	T 19
F 20	20 18	18 30	3 52	17 55	3 26	10 56	5 4	0 34	2 52	18 5	0 36	6 15	2 5	23 42	0 16	F 20
S 21	20 5	13 19	3 3	18 4	3 30	10 49	5 19	0 38	2 54	18 1	0 36	6 17	2 6	23 42	0 16	S 21
S 22	19 51	7 41	2 6	18 13	3 31	10 43	5 33	0 42	2 55	17 57	0 36	6 18	2 6	23 42	0 16	S 22
M 23	19 38	1 54	1 4	18 23	3 29	10 38	5 47	0 46	2 56	17 53	0 36	6 19	2 6	23 42	0 16	M 23
T 24	19 24	3n51	0 0	18 34	3 26	10 33	6 1	0 50	2 57	17 49	0 36	6 20	2 6	23 42	0 16	T 24
W 25	19 9	9 23	1n 3	18 44	3 21	10 30	6 14	0 54	2 58	17 46	0 36	6 21	2 7	23 42	0 16	W 25
T 26	18 55	14 34	2 3	18 55	3 15	10 27	6 27	0 57	3 0	17 42	0 36	6 23	2 7	23 42	0 16	T 26
F 27	18 40	19 14	2 58	19 6	3 7	10 25	6 39	1 0	3 1	17 38	0 37	6 24	2 7	23 43	0 16	F 27
S 28	18 24	23 11	3 45	19 16	2 58	10 23	6 51	1 3	3 2	17 34	0 37	6 25	2 7	23 43	0 16	S 28
S 29	18 8	26 11	4 23	19 27	2 49	10 23	7 2	1 6	3 3	17 30	0 37	6 27	2 7	23 43	0 16	S 29
M 30	17 52	28 1	4 50	19 36	2 38	10 23	7 12	1 9	3 4	17 26	0 37	6 28	2 8	23 43	0 16	M 30
T 31	17s36	28n26	5n 3	19s46	2n28	10s24	7n21	1s11	3n 6	17s22	0s37	6n30	2n 8	23n43	0n16	T 31

Julian Day Number = 2433282.5, Delta T = 28.93 sec
 Ecliptic obliquity = 23°26'53", Nutation = - 0°00'03", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°02'31", Lahiri = 23°09'31"

ASTRODIENST EPHEMERIS for the year 1950
geocentric

FEBRUARY 1950

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 42 31	11 ³³ 34'46	17 ²⁵ 25	18 ³² 32	10 ²³ R23	10 ¹⁸ 18	13 ⁴⁵ 45	18 ³⁰ R30	1 ³¹ R31	17 ¹⁸ R18	17 ⁸ R 8	9 ¹⁰ R10	10 ²⁸ Y28	2 ¹³ U13	18 ⁵⁷ 57	W 1
T 2	8 46 28	12 ³⁴ 34'38	0 ⁴⁹ 49	18 ⁵⁵ 55	9 ⁴⁶ 46	10 ²⁵ 25	13 ⁵⁹ 59	18 ²⁶ 26	1 ²⁹ 29	17 ¹⁸ 18	17 ⁶ 6	8 ⁵⁹ Y59	10 ²⁵ 25	2 ²⁰ 20	19 ² 2	T 2
F 3	8 50 24	13 ³⁵ 35'29	14 ³¹ 31	19 ²³ 23	9 ⁹ 9	10 ³² 32	14 ¹⁴ 14	18 ²³ 23	1 ²⁷ 27	17 ¹⁷ 17	17 ⁵ 5	8 ⁵⁰ 50	10 ²² 22	2 ²⁶ 26	19 ⁷ 7	F 3
S 4	8 54 21	14 ³⁶ 36'19	28 ²⁸ 28	19 ⁵⁷ 57	8 ³⁴ 34	10 ³⁸ 38	14 ²⁸ 28	18 ¹⁹ 19	1 ²⁶ 26	17 ¹⁷ 17	17 ⁴ 4	8 ⁴² 42	10 ¹⁹ 19	2 ³³ 33	19 ¹² 12	S 4
S 5	8 58 18	15 ³⁷ 37'08	12 ³⁶ 36	20 ³⁶ 36	7 ⁵⁹ 59	10 ⁴⁴ 44	14 ⁴² 42	18 ¹⁶ 16	1 ²⁴ 24	17 ¹⁶ 16	17 ² 2	8 ³⁷ 37	10 ¹⁶ 16	2 ⁴⁰ 40	19 ¹⁷ 17	S 5
M 6	9 2 14	16 ³⁷ 37'56	26 ⁵⁰ 50	21 ¹⁹ 19	7 ²⁵ 25	10 ⁴⁸ 48	14 ⁵⁷ 57	18 ¹² 12	1 ²³ 23	17 ¹⁶ 16	17 ¹ 1	8 ³⁴ 34	10 ¹² 12	2 ⁴⁶ 46	19 ²² 22	M 6
T 7	9 6 11	17 ³⁸ 38'42	11 ⁷ 7	22 ⁶ 6	6 ⁵³ 53	10 ⁵² 52	15 ¹¹ 11	18 ⁸ 8	1 ²¹ 21	17 ¹⁵ 15	16 ⁵⁹ 59	8 ³⁴ D33	10 ⁹ 9	2 ⁵³ 53	19 ²⁷ 27	T 7
W 8	9 10 7	18 ³⁹ 39'28	25 ²² 22	22 ⁵⁷ 57	6 ²³ 23	10 ⁵⁶ 56	15 ²⁵ 25	18 ⁵ 5	1 ¹⁹ 19	17 ¹⁵ 15	16 ⁵⁸ 58	8 ³⁴ 34	10 ⁶ 6	3 ⁰ 0	19 ³² 32	W 8
T 9	9 14 4	19 ⁴⁰ 40'13	9 ³³ 33	23 ⁵¹ 51	5 ⁵⁴ 54	10 ⁵⁹ 59	15 ⁴⁰ 40	18 ¹ 1	1 ¹⁸ 18	17 ¹⁴ 14	16 ⁵⁶ 56	8 ³⁵ 35	10 ³ 3	3 ⁶ 6	19 ³⁷ 37	T 9
F 10	9 18 0	20 ⁴⁰ 40'57	23 ³⁹ 39	24 ⁴⁹ 49	5 ²⁷ 27	11 ¹ 1	15 ⁵⁴ 54	17 ⁵⁷ 57	1 ¹⁶ 16	17 ¹³ 13	16 ⁵⁵ 55	8 ³⁶ R36	10 ⁰ 0	3 ¹³ 13	19 ⁴¹ 41	F 10
S 11	9 21 57	21 ⁴¹ 41'40	7 ³⁹ 39	25 ⁴⁹ 49	5 ² 2	11 ² 2	16 ⁸ 8	17 ⁵³ 53	1 ¹⁵ 15	17 ¹² 12	16 ⁵³ 53	8 ³⁴ 34	9 ⁵⁶ 56	3 ²⁰ 20	19 ⁴⁶ 46	S 11
S 12	9 25 53	22 ⁴² 42'22	21 ³² 32	26 ⁵² 52	4 ⁴⁰ 40	11 ² 2	16 ²² 22	17 ⁴⁹ 49	1 ¹⁴ 14	17 ¹² 12	16 ⁵² 52	8 ³¹ 31	9 ⁵³ 53	3 ²⁶ 26	19 ⁵⁰ 50	S 12
M13	9 29 50	23 ⁴³ 43'03	5 ¹⁷ 17	27 ⁵⁷ 57	4 ²⁰ 20	11 ² 2	16 ³⁷ 37	17 ⁴⁵ 45	1 ¹² 12	17 ¹¹ 11	16 ⁵¹ 51	8 ²⁶ 26	9 ⁵⁰ 50	3 ³³ 33	19 ⁵⁵ 55	M13
T 14	9 33 47	24 ⁴³ 43'42	18 ⁵² 52	29 ⁵ 5	4 ² 2	11 ¹ 1	16 ⁵¹ 51	17 ⁴⁰ 40	1 ¹¹ 11	17 ¹⁰ 10	16 ⁴⁹ 49	8 ¹⁹ 19	9 ⁴⁷ 47	3 ⁴⁰ 40	19 ⁵⁹ 59	T 14
W15	9 37 43	25 ⁴⁴ 44'21	2 ¹⁴ 14	0 ¹⁴ 14	3 ⁴⁷ 47	11 ⁰ 0	17 ⁵ 5	17 ³⁶ 36	1 ¹⁰ 10	17 ⁹ 9	16 ⁴⁸ 48	8 ¹¹ 11	9 ⁴⁴ 44	3 ⁴⁶ 46	20 ⁴ 4	W15
T 16	9 41 40	26 ⁴⁴ 44'58	15 ²⁴ 24	1 ²⁶ 26	3 ³⁴ 34	10 ⁵⁷ 57	17 ¹⁹ 19	17 ³² 32	1 ⁹ 9	17 ⁸ 8	16 ⁴⁶ 46	8 ⁴ 4	9 ⁴¹ 41	3 ⁵³ 53	20 ⁸ 8	T 16
F 17	9 45 36	27 ⁴⁵ 45'33	28 ¹⁹ 19	2 ³⁹ 39	3 ²³ 23	10 ⁵⁴ 54	17 ³⁴ 34	17 ²⁸ 28	1 ⁸ 8	17 ⁷ 7	16 ⁴⁵ 45	7 ⁵⁷ 57	9 ³⁷ 37	4 ⁰ 0	20 ¹² 12	F 17
S 18	9 49 33	28 ⁴⁶ 46'07	10 ⁵⁸ 58	3 ⁵⁴ 54	3 ¹⁵ 15	10 ⁵⁰ 50	17 ⁴⁸ 48	17 ²³ 23	1 ⁷ 7	17 ⁶ 6	16 ⁴⁴ 44	7 ⁵² 52	9 ³⁴ 34	4 ⁶ 6	20 ¹⁶ 16	S 18
S 19	9 53 29	29 ⁴⁶ 46'39	23 ²² 22	5 ¹⁰ 10	3 ¹⁰ 10	10 ⁴⁵ 45	18 ² 2	17 ¹⁹ 19	1 ⁶ 6	17 ⁵ 5	16 ⁴² 42	7 ⁴⁹ 49	9 ³¹ 31	4 ¹³ 13	20 ²⁰ 20	S 19
M20	9 57 26	0 ⁴⁷ 47'10	5 ^{Y33} 33	6 ²⁹ 29	3 ⁷ 7	10 ³⁹ 39	18 ¹⁶ 16	17 ¹⁴ 14	1 ⁵ 5	17 ⁴ 4	16 ⁴¹ 41	7 ^{D48} 48	9 ²⁸ 28	4 ²⁰ 20	20 ²⁴ 24	M20
T 21	10 1 22	1 ⁴⁷ 47'39	17 ³³ 33	7 ⁴⁸ 48	3 ^{D6} 6	10 ³³ 33	18 ³⁰ 30	17 ¹⁰ 10	1 ⁴ 4	17 ³ 3	16 ³⁹ 39	7 ⁴⁸ 48	9 ²⁵ 25	4 ²⁶ 26	20 ²⁸ 28	T 21
W22	10 5 19	2 ⁴⁸ 48'06	29 ²⁵ 25	9 ⁹ 9	3 ⁸ 8	10 ²⁶ 26	18 ⁴⁵ 45	17 ⁵ 5	1 ³ 3	17 ² 2	16 ³⁸ 38	7 ⁵⁰ 50	9 ²² 22	4 ³³ 33	20 ³¹ 31	W22
T 23	10 9 15	3 ⁴⁸ 48'31	11 ¹³ 13	10 ³¹ 31	3 ¹² 12	10 ¹⁸ 18	18 ⁵⁹ 59	17 ¹ 1	1 ² 2	17 ¹ 1	16 ³⁷ 37	7 ⁵¹ 51	9 ¹⁸ 18	4 ³⁹ 39	20 ³⁵ 35	T 23
F 24	10 13 12	4 ⁴⁸ 48'55	23 ² 2	11 ⁵⁵ 55	3 ¹⁹ 19	10 ⁹ 9	19 ¹³ 13	16 ⁵⁶ 56	1 ¹ 1	17 ⁰ 0	16 ³⁵ 35	7 ⁵³ 53	9 ¹⁵ 15	4 ⁴⁶ 46	20 ³⁸ 38	F 24
S 25	10 17 9	5 ⁴⁹ 49'16	4 ^{II58} 58	13 ²⁰ 20	3 ²⁷ 27	10 ⁰ 0	19 ²⁷ 27	16 ⁵¹ 51	1 ¹ 1	16 ⁵⁹ 59	16 ³⁴ 34	7 ^{R54} 54	9 ¹² 12	4 ⁵³ 53	20 ⁴² 42	S 25
S 26	10 21 5	6 ⁴⁹ 49'36	17 ⁴ 4	14 ⁴⁶ 46	3 ³⁸ 38	9 ⁵⁰ 50	19 ⁴¹ 41	16 ⁴⁷ 47	1 ⁰ 0	16 ⁵⁸ 58	16 ³³ 33	7 ⁵³ 53	9 ⁹ 9	4 ⁵⁹ 59	20 ⁴⁵ 45	S 26
M27	10 25 2	7 ⁴⁹ 49'53	29 ²⁷ 27	16 ¹³ 13	3 ⁵¹ 51	9 ³⁹ 39	19 ⁵⁵ 55	16 ⁴² 42	0 ⁵⁹ 59	16 ⁵⁷ 57	16 ³¹ 31	7 ⁵¹ 51	9 ⁶ 6	5 ⁶ 6	20 ⁴⁹ 49	M27
T 28	10 28 58	8 ^{Y50} 50'09	12 ¹⁰ 10	17 ⁴¹ 41	4 ⁶ 6	9 ²⁷ 27	20 ⁸ 8	16 ³⁷ 37	0 ⁵⁹ 59	16 ⁵⁶ 56	16 ³⁰ 30	7 ^{Y48} 48	9 ^{Y2} 2	5 ¹³ 13	20 ⁵² 52	T 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	17s19	27n18	5n 2	19s54	2n17	10s26	7n29	1s13	3n 7	17s18	0s37	6n31	2n 8	23n43	0n16	5s18	1n37	23n35	8n17	3n38	4n 9	14n 2	18s17	4n43	
T 2	17 2	24 35	4 43	20 2	2 6	10 28	7 37	1 15	3 8	17 14	0 37	6 33	2 8	23 43	0 16	5 18	1 37	23 36	8 17	3 34	4 8	14 6	18 17	4 43	
F 3	16 45	20 26	4 8	20 9	1 55	10 31	7 43	1 16	3 9	17 10	0 37	6 34	2 9	23 43	0 16	5 18	1 37	23 36	8 17	3 30	4 6	14 9	18 17	4 44	
S 4	16 27	15 6	3 18	20 16	1 43	10 35	7 49	1 17	3 10	17 5	0 37	6 36	2 9	23 43	0 16	5 17	1 38	23 37	8 17	3 27	4 5	14 12	18 17	4 44	
S 5	16 10	8 54	2 15	20 21	1 32	10 39	7 53	1 19	3 12	17 1	0 37	6 37	2 9	23 43	0 16	5 17	1 38	23 37	8 18	3 25	4 4	14 15	18 17	4 45	
M 6	15 51	2 13	1 3	20 26	1 21	10 43	7 57	1 19	3 13	16 57	0 37	6 39	2 9	23 43	0 16	5 17	1 38	23 38	8 18	3 24	4 3	14 18	18 17	4 45	
T 7	15 33	4s37	0s14	20 29	1 10	10 48	8 0	1 20	3 14	16 53	0 37	6 41	2 9	23 43	0 16	5 16	1 38	23 38	8 18	3 24	4 1	14 21	18 17	4 46	
W 8	15 14	11 12	1 29	20 31	0 59	10 54	8 2	1 20	3 15	16 49	0 37	6 42	2 10	23 43	0 16	5 16	1 38	23 39	8 18	3 24	4 0	14 24	18 17	4 46	
T 9	14 55	17 11	2 39	20 33	0 48	10 59	8 3	1 20	3 16	16 45	0 38	6 44	2 10	23 43	0 16	5 16	1 38	23 39	8 18	3 24	3 59	14 27	18 16	4 47	
F 10	14 36	22 13	3 39	20 33	0 38	11 5	8 3	1 20	3 17	16 41	0 38	6 46	2 10	23 43	0 16	5 15	1 38	23 40	8 18	3 24	3 58	14 30	18 16	4 48	
S 11	14 17	25 57	4 25	20 32	0 28	11 12	8 3	1 19	3 18	16 36	0 38	6 47	2 10	23 43	0 16	5 15	1 38	23 40	8 18	3 24	3 56	14 33	18 16	4 48	
S 12	13 57	28 5	4 55	20 30	0 18	11 18	8 2	1 19	3 19	16 32	0 38	6 49	2 10	23 43	0 16	5 15	1 38	23 41	8 18	3 23	3 55	14 36	18 16	4 49	
M13	13 37	28 28	5 8	20 27	0 8	11 25	8 0	1 18	3 21	16 28	0 38	6 51	2 10	23 43	0 16	5 14	1 38	23 41	8 18	3 21	3 54	14 39	18 15	4 49	
T 14	13 17	27 7	5 3	20 23	0s 2	11 31	7 57	1 16	3 22	16 24	0 38	6 53	2 11	23 43	0 16	5 14	1 38	23 42	8 18	3 18	3 53	14 42	18 15	4 50	
W15	12 57	24 15	4 42	20 17	0 11	11 38	7 54	1 15	3 23	16 20	0 38	6 54	2 11	23 43	0 16	5 14	1 38	23 42	8 18	3 15	3 51	14 45	18 15	4 50	
T 16	12 36	20 8	4 6	20 10	0 20	11 45	7 50	1 13	3 24	16 15	0 38	6 56	2 11	23 43	0 16	5 13	1 38	23 43	8 18	3 12	3 50	14 48	18 15	4 51	
F 17	12 15	15 9	3 18	20 2	0 28	11 51	7 45	1 11	3 25	16 11	0 38	6 58	2 11	23 43	0 16	5 13	1 38	23 43	8 18	3 9	3 49	14 51	18 14	4 52	
S 18	11 54	9 38	2 21	19 53	0 37	11 58	7 40	1 8	3 26	16 7	0 38	7 0	2 11	23 43	0 16	5 13	1 38	23 44	8 18	3 7	3 48	14 54	18 14	4 52	
S 19	11 33	3 49	1 18	19 42	0 45	12 5	7 34	1 5	3 27	16 3	0 39	7 2	2 11	23 43	0 16	5 12	1 38	23 44	8 18	3 6	3 46	14 57	18 14	4 53	
M20	11 12	2n 1	0 12	19 30	0 52	12 11	7 29	1 2	3 27	15 58	0 39	7 4	2 12	23 43	0 16	5 12	1 38	23 45	8 18	3 6	3 45	15 0	18 13	4 53	
T 21	10 50	7 42	0n53	19 17	1 0	12 18	7 22	0 59	3 28	15 54	0 39	7 6	2 12	23 43	0 16	5 11	1 38	23 45	8 18	3 6	3 44	15 3	18 13	4 54	
W22	10 29	13 4	1 55	19 3	1 7	12 24	7 15	0 55	3 29	15 50	0 39	7 7	2 12	23 43	0 16	5 11	1 38	23 46	8 18	3 6	3 43	15 6	18 13	4 55	
T 23	10 7	17 56	2 53	18 47	1 13	12 30	7 8	0 52	3 30	15 45	0 39	7 9	2 12	23 43	0 16	5 10	1 38	23 46	8 18	3 7	3 41	15 9	18 12	4 55	
F 24	9 45	22 8	3 42	18 30	1 20	12 35	7 1	0 48	3 31	15 41	0 39	7 11	2 12	23 43	0 16	5 10	1 39	23 46	8 18	3 8	3 40	15 12	18 12	4 56	
S 25	9 23	25 27	4 23	18 12	1 26	12 41	6 54	0 43	3 31	15 37	0 39	7 13	2 12	23 43	0 16	5 9	1 39	23 47	8 18	3 8	3 39	15 15	18 12	4 56	
S 26	9 1	27 41	4 53	17 52	1 32	12 46	6 46	0 39	3 32	15 33	0 39	7 15	2 12	23 43	0 16	5 9	1 39	23 47	8 18	3 8	3 38	15 18	18 11	4 57	
M27	8 38	28 37	5 10	17 31	1 37	12 51	6 38	0 34	3 33	15 28	0 39	7 17	2 12	23 43	0 16	5 8	1 39	23 48	8 18	3 7	3 36	15 21	18 11	4 58	
T 28	8s16	28n 5	5n12	17s 9	1s42	12s55	6n30	0s29	3n33	15s24	0s39	7n19	2n12	23n43	0n16	5s 8	1n39	23n48	8n18	3n 6	3n35	15n24	18s10	4n58	

ASTRODIENST EPHEMERIS for the year 1950

geocentric

MARCH 1950

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 32 55	9 ^h 50'23	25 ^h 16	19 ^h 11	4 ^h 24	9 ^h 14	20 ^h 23	16 ^h 33	0 ^h 58	16 ^h 54	16 ^h 29	7 ^h 44	8 ^h 59	5 ^h 19	20 ^h 55	W 1
T 2	10 36 51	10°50'34	8 ^h 46	20°41	4°43	9 ^h 1	20°37	16 ^h 28	0 ^h 58	16 ^h 53	16 ^h 27	7 ^h 40	8°56	5°26	20°58	T 2
F 3	10 40 48	11°50'44	22°40	22°13	5°4	8°47	20°50	16°23	0°58	16°52	16°26	7°36	8°53	5°33	21°1	F 3
S 4	10 44 45	12°50'51	6 ^h 55	23°46	5°27	8°32	21°4	16°18	0°57	16°51	16°25	7°32	8°50	5°39	21°4	S 4
S 5	10 48 41	13°50'57	21°27	25°20	5°51	8°17	21°18	16°14	0°57	16°49	16°23	7°30	8°47	5°46	21°6	S 5
M 6	10 52 38	14°51'01	6 ^h 8	26°55	6°17	8°1	21°32	16°9	0°57	16°48	16°22	7°D30	8°43	5°53	21°9	M 6
T 7	10 56 34	15°51'03	20°52	28°31	6°45	7°44	21°46	16°4	0°56	16°47	16°21	7°30	8°40	5°59	21°12	T 7
W 8	11 0 31	16°51'04	5 ^h 32	0 ^h 8	7°15	7°27	21°59	15°59	0°56	16°45	16°20	7°31	8°37	6°6	21°14	W 8
T 9	11 4 27	17°51'03	20°4	1°46	7°46	7°9	22°13	15°54	0°56	16°44	16°19	7°33	8°34	6°13	21°16	T 9
F 10	11 8 24	18°51'00	4 ^h 22	3°26	8°19	6°50	22°26	15°50	0°D56	16°42	16°17	7°34	8°31	6°19	21°19	F 10
S 11	11 12 20	19°50'56	18°26	5°6	8°53	6°31	22°40	15°45	0°56	16°41	16°16	7°R34	8°28	6°26	21°21	S 11
S 12	11 16 17	20°50'50	2 ^h 313	6°48	9°28	6°11	22°54	15°40	0°56	16°40	16°15	7°34	8°24	6°33	21°23	S 12
M13	11 20 14	21°50'43	15°44	8°31	10°5	5°51	23°7	15°35	0°57	16°38	16°14	7°33	8°21	6°39	21°25	M13
T 14	11 24 10	22°50'34	28°59	10°15	10°43	5°30	23°20	15°31	0°57	16°37	16°13	7°31	8°18	6°46	21°27	T 14
W15	11 28 7	23°50'23	11 ^h 59	12°0	11°22	5°9	23°34	15°26	0°57	16°35	16°12	7°29	8°15	6°53	21°29	W15
T 16	11 32 3	24°50'10	24°45	13°47	12°2	4°47	23°47	15°21	0°57	16°34	16°11	7°27	8°12	6°59	21°30	T 16
F 17	11 36 0	25°49'55	7 ^h 18	15°34	12°43	4°25	24°0	15°17	0°58	16°32	16°10	7°26	8°8	7°6	21°32	F 17
S 18	11 39 56	26°49'39	19°40	17°23	13°26	4°3	24°14	15°12	0°58	16°31	16°9	7°25	8°5	7°13	21°33	S 18
S 19	11 43 53	27°49'20	1 ^h 51	19°14	14°9	3°40	24°27	15°7	0°59	16°29	16°8	7°D24	8°2	7°19	21°35	S 19
M20	11 47 49	28°48'59	13°52	21°5	14°53	3°17	24°40	15°3	0°59	16°28	16°7	7°24	7°59	7°26	21°36	M20
T 21	11 51 46	29°48'37	25°47	22°57	15°39	2°54	24°53	14°58	1°0	16°26	16°6	7°24	7°56	7°33	21°37	T 21
W22	11 55 42	0 ^h 48'12	7 ^h 37	24°51	16°25	2°31	25°6	14°54	1°0	16°24	16°5	7°25	7°53	7°39	21°39	W22
T 23	11 59 39	1°47'45	19°25	26°46	17°12	2°8	25°19	14°49	1°1	16°23	16°4	7°26	7°49	7°46	21°40	T 23
F 24	12 3 36	2°47'16	1 ^h 15	28°43	18°0	1°44	25°32	14°45	1°2	16°21	16°3	7°26	7°46	7°53	21°40	F 24
S 25	12 7 32	3°46'45	13°11	0 ^h 40	18°48	1°21	25°44	14°40	1°2	16°20	16°2	7°27	7°43	7°59	21°41	S 25
S 26	12 11 29	4°46'11	25°16	2°38	19°38	0°57	25°57	14°36	1°3	16°18	16°1	7°27	7°40	8°6	21°42	S 26
M27	12 15 25	5°45'35	7 ^h 36	4°38	20°28	0°34	26°10	14°32	1°4	16°17	16°0	7°R27	7°37	8°13	21°43	M27
T 28	12 19 22	6°44'57	20°14	6°39	21°19	0°11	26°22	14°27	1°5	16°15	15°59	7°27	7°34	8°19	21°43	T 28
W29	12 23 18	7°44'17	3 ^h 15	8°40	22°10	29 ^h 48	26°35	14°23	1°6	16°13	15°59	7°D27	7°30	8°26	21°44	W29
T 30	12 27 15	8°43'34	16°42	10°42	23°2	29°25	26°47	14°19	1°7	16°12	15°58	7°27	7°27	8°33	21°44	T 30
F 31	12 31 11	9 ^h 42'48	0 ^h 35	12 ^h 45	23 ^h 55	29 ^h 2	27 ^h 30	14 ^h 15	1 ^h 8	16 ^h 10	15 ^h 57	7 ^h 27	7 ^h 24	8 ^h 39	21 ^h 44	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	7s53	25n59	4n59	16s46	1s47	13s0	6n21	0s23	3n34	15s20	0s40	7n21	2n13	23n43	0n16	5s7
T 2	7 30	22 24	4 29	16 21	1 51	13 3	6 13	0 18	3 34	15 15	0 40	7 23	2 13	23 43	0 16	5 7
F 3	7 7	17 27	3 42	15 55	1 55	13 7	6 4	0 12	3 34	15 11	0 40	7 25	2 13	23 43	0 16	5 6
S 4	6 44	11 27	2 40	15 28	1 58	13 10	5 55	0 6	3 35	15 7	0 40	7 27	2 13	23 43	0 16	5 6
S 5	6 21	4 44	1 27	15 0	2 2	13 13	5 47	0n0	3 35	15 2	0 40	7 29	2 13	23 43	0 16	5 5
M 6	5 58	2s19	0 8	14 30	2 4	13 15	5 38	0 7	3 35	14 58	0 40	7 31	2 13	23 43	0 16	5 5
T 7	5 35	9 17	1s13	13 59	2 7	13 17	5 29	0 14	3 35	14 54	0 40	7 32	2 13	23 43	0 16	5 4
W 8	5 12	15 42	2 29	13 26	2 9	13 18	5 20	0 21	3 35	14 49	0 40	7 34	2 13	23 43	0 16	5 4
T 9	4 48	21 22	3 34	12 53	2 10	13 19	5 11	0 28	3 35	14 45	0 41	7 36	2 13	23 43	0 16	5 3
F 10	4 25	25 22	4 25	12 18	2 12	13 19	5 2	0 35	3 35	14 41	0 41	7 38	2 13	23 43	0 16	5 3
S 11	4 1	27 54	4 59	11 42	2 12	13 19	4 53	0 42	3 35	14 36	0 41	7 40	2 13	23 43	0 16	5 2
S 12	3 38	28 40	5 15	11 4	2 13	13 19	4 44	0 50	3 35	14 32	0 41	7 42	2 13	23 43	0 16	5 1
M13	3 14	27 42	5 13	10 26	2 13	13 18	4 36	0 58	3 34	14 28	0 41	7 44	2 13	23 43	0 16	5 1
T 14	2 51	25 10	4 54	9 46	2 12	13 17	4 27	1 5	3 34	14 24	0 41	7 46	2 13	23 43	0 16	5 0
W15	2 27	21 23	4 21	9 5	2 11	13 15	4 18	1 13	3 33	14 19	0 41	7 48	2 13	23 43	0 16	5 0
T 16	2 3	16 39	3 35	8 22	2 9	13 14	4 9	1 21	3 32	14 15	0 41	7 50	2 13	23 43	0 16	4 59
F 17	1 39	11 18	2 39	7 39	2 7	13 9	4 0	1 29	3 32	14 11	0 42	7 51	2 13	23 43	0 16	4 59
S 18	1 16	5 35	1 37	6 54	2 5	13 6	3 52	1 37	3 31	14 6	0 42	7 53	2 14	23 43	0 16	4 58
S 19	0 52	0n16	0 31	6 8	2 2	13 2	3 43	1 46	3 31	14 2	0 42	7 55	2 14	23 43	0 16	4 57
M20	0 28	6 2	0n36	5 21	1 58	12 57	3 35	1 54	3 30	13 58	0 42	7 57	2 14	23 43	0 16	4 57
T 21	0 5	11 31	1 40	4 33	1 54	12 52	3 26	2 2	3 29	13 54	0 42	7 59	2 14	23 43	0 16	4 56
W22	0n19	16 35	2 40	3 44	1 50	12 47	3 18	2 10	3 27	13 50	0 42	8 0	2 14	23 43	0 16	4 55
T 23	0 43	21 0	3 33	2 53	1 45	12 41	3 9	2 18	3 26	13 45	0 42	8 2	2 13	23 43	0 16	4 55
F 24	1 7	24 36	4 17	2 2	1 39	12 34	3 1	2 27	3 25	13 41	0 43	8 4	2 13	23 43	0 16	4 54
S 25	1 30	27 11	4 50	1 10	1 33	12 27	2 53	2 35	3 24	13 37	0 43	8 5	2 13	23 43	0 16	4 54
S 26	1 54	28 32	5 11	0 16	1 27	12 20	2 45	2 43	3 22	13 33	0 43	8 7	2 13	23 43	0 16	4 53
M27	2 17	28 31	5 18	0n38	1 20	12 11	2 37	2 50	3 20	13 29	0 43	8 9	2 13	23 43	0 16	4 52
T 28	2 41	27 2	5 10	1 32	1 12	12 3	2 29	2 58	3 19	13 24	0 43	8 10	2 13	23 43	0 16	4 52
W29	3 4	24 4	4 46	2 28	1 4	11 54	2 21	3 6	3 17	13 20	0 43	8 12	2 13	23 43	0 16	4 51
T 30	3 28	19 45	4 6	3 24	0 55	11 44	2 13	3 13	3 15	13 16	0 44	8 13	2 13	23 43	0 16	4 50
F 31	3n51	14n15	3n11	4n20	0s46	11s34	2n6	3n20	3n13	13s12	0s44	8n15	2n13	23n43	0n16	4s50

Julian Day Number = 2433341.5, Delta T = 28.99 sec
 Ecliptic obliquity = 23°26'54", Nutation = - 0°00'02", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°02'39", Lahiri = 23°09'40"

ASTRODIENST EPHEMERIS for the year 1950
geocentric

APRIL 1950

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 35 8	10°42'01	14°49'54	14°49'49	24°49'49	28°R40	27°49'12	14°R11	1°11	16°R 8	15°R56	7°Y27	7°Y21	8°B46	21°A44	S 1
S 2	12 39 5	11°41'11	29°35	16°52	25°43	28°18	27°24	14°7	1°11	16°7	15°56	7°28	7°18	8°53	21°R44	S 2
M 3	12 43 1	12°40'19	14°32	18°56	26°37	27°56	27°36	14°3	1°12	16°5	15°55	7°R28	7°14	8°59	21°44	M 3
T 4	12 46 58	13°39'25	29°38	20°59	27°32	27°35	27°49	13°59	1°13	16°3	15°54	7°27	7°11	9°6	21°44	T 4
W 5	12 50 54	14°38'30	14°42	23°2	28°28	27°14	28°1	13°55	1°15	16°2	15°54	7°27	7°8	9°13	21°44	W 5
T 6	12 54 51	15°37'32	29°37	25°4	29°24	26°54	28°12	13°52	1°16	16°0	15°53	7°26	7°5	9°19	21°43	T 6
F 7	12 58 47	16°36'33	14°16	27°5	0°21	26°34	28°24	13°48	1°17	15°58	15°52	7°25	7°2	9°26	21°43	F 7
S 8	13 2 44	17°35'32	28°32	29°5	1°18	26°14	28°36	13°44	1°19	15°57	15°52	7°24	6°59	9°33	21°42	S 8
S 9	13 6 40	18°34'29	12°26	1°8	2°15	25°56	28°48	13°41	1°20	15°55	15°51	7°D24	6°55	9°39	21°42	S 9
M10	13 10 37	19°33'25	25°55	2°58	3°13	25°37	28°59	13°37	1°22	15°54	15°51	7°24	6°52	9°46	21°41	M10
T 11	13 14 34	20°32'18	9°2	4°51	4°12	25°20	29°11	13°34	1°24	15°52	15°50	7°24	6°49	9°53	21°40	T 11
W12	13 18 30	21°31'10	21°49	6°40	5°11	25°3	29°22	13°31	1°25	15°50	15°50	7°25	6°46	9°59	21°39	W12
T 13	13 22 27	22°30'00	4°20	8°27	6°10	24°47	29°34	13°28	1°27	15°49	15°49	7°26	6°43	10°6	21°38	T 13
F 14	13 26 23	23°28'49	16°37	10°10	7°10	24°31	29°45	13°25	1°29	15°47	15°49	7°28	6°39	10°13	21°37	F 14
S 15	13 30 20	24°27'35	28°44	11°49	8°9	24°16	29°56	13°22	1°31	15°45	15°49	7°29	6°36	10°19	21°36	S 15
S 16	13 34 16	25°26'20	10°43	13°24	9°10	24°2	0°7	13°19	1°33	15°44	15°48	7°R29	6°33	10°26	21°35	S 16
M17	13 38 13	26°25'02	22°36	14°55	10°10	23°49	0°18	13°16	1°34	15°42	15°48	7°28	6°30	10°33	21°33	M17
T 18	13 42 9	27°23'43	4°26	16°21	11°11	23°36	0°29	13°13	1°36	15°40	15°48	7°26	6°27	10°39	21°32	T 18
W19	13 46 6	28°22'22	16°15	17°43	12°13	23°24	0°39	13°10	1°38	15°39	15°47	7°24	6°24	10°46	21°30	W19
T 20	13 50 3	29°20'59	28°4	18°59	13°14	23°13	0°50	13°8	1°40	15°37	15°47	7°20	6°20	10°53	21°29	T 20
F 21	13 53 59	0°19'34	9°15	20°11	14°16	23°3	1°1	13°5	1°43	15°36	15°47	7°16	6°17	10°59	21°27	F 21
S 22	13 57 56	1°18'06	21°55	21°18	15°18	22°53	1°11	13°3	1°45	15°34	15°47	7°12	6°14	11°6	21°25	S 22
S 23	14 1 52	2°16'37	4°3	22°19	16°20	22°44	1°21	13°1	1°47	15°33	15°47	7°9	6°11	11°13	21°23	S 23
M24	14 5 49	3°15'06	16°22	23°15	17°23	22°36	1°32	12°58	1°49	15°31	15°46	7°7	6°8	11°19	21°21	M24
T 25	14 9 45	4°13'32	28°58	24°5	18°26	22°29	1°42	12°56	1°51	15°29	15°46	7°D 6	6°5	11°26	21°19	T 25
W26	14 13 42	5°11'56	11°53	24°50	19°29	22°23	1°52	12°54	1°54	15°28	15°46	7°6	6°1	11°33	21°17	W26
T 27	14 17 38	6°10'19	25°11	25°30	20°33	22°17	2°1	12°52	1°56	15°26	15°46	7°7	5°58	11°39	21°15	T 27
F 28	14 21 35	7°8'38	8°55	26°4	21°36	22°13	2°11	12°50	1°58	15°25	15°D46	7°8	5°55	11°46	21°12	F 28
S 29	14 25 32	8°6'56	23°6	26°32	22°40	22°9	2°21	12°49	2°1	15°23	15°46	7°10	5°52	11°53	21°10	S 29
S 30	14 29 28	9°5'12	7°42	26°55	23°44	22°5	2°30	12°47	2°3	15°22	15°46	7°R10	5°Y49	11°59	21°8	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	decl lat	decl lat
S 1	4n14	7n50	2n 2	5n17	0s36	11s24	1n58	3n28	3n12	13s 8	0s44	8n17	2n13	23n43	0n16	4s49
S 2	4 37	0 50	0 44	6 14	0 26	11 13	1 51	3 35	3 10	13 4	0 44	8 18	2 13	23 43	0 16	4 48
M 3	5 0	6s20	0s39	7 10	0 16	11 1	1 43	3 41	3 7	13 0	0 44	8 19	2 13	23 43	0 16	4 48
T 4	5 23	13 13	2 0	8 7	0 5	10 50	1 36	3 48	3 5	12 56	0 44	8 21	2 13	23 43	0 16	4 47
W 5	5 46	19 19	3 12	9 3	0n 6	10 37	1 29	3 54	3 3	12 52	0 45	8 22	2 13	23 43	0 16	4 47
T 6	6 9	24 9	4 11	9 58	0 17	10 24	1 22	4 0	3 1	12 48	0 45	8 24	2 13	23 43	0 16	4 46
F 7	6 32	27 21	4 52	10 53	0 28	10 11	1 15	4 6	2 59	12 44	0 45	8 25	2 13	23 43	0 16	4 45
S 8	6 54	28 40	5 13	11 46	0 40	9 57	1 8	4 11	2 56	12 40	0 45	8 26	2 13	23 42	0 16	4 45
S 9	7 17	28 6	5 16	12 38	0 51	9 43	1 2	4 17	2 54	12 36	0 45	8 28	2 13	23 42	0 16	4 44
M10	7 39	25 54	5 1	13 29	1 2	9 28	0 55	4 22	2 51	12 32	0 45	8 29	2 13	23 42	0 16	4 43
T 11	8 1	22 21	4 30	14 18	1 13	9 13	0 48	4 26	2 49	12 29	0 46	8 30	2 12	23 42	0 16	4 43
W12	8 24	17 49	3 47	15 5	1 24	8 58	0 42	4 31	2 46	12 25	0 46	8 31	2 12	23 42	0 16	4 42
T 13	8 46	12 37	2 53	15 49	1 35	8 42	0 36	4 35	2 44	12 21	0 46	8 32	2 12	23 42	0 16	4 41
F 14	9 7	7 1	1 53	16 32	1 45	8 26	0 30	4 39	2 41	12 17	0 46	8 33	2 12	23 42	0 16	4 41
S 15	9 29	1 14	0 48	17 12	1 55	8 9	0 24	4 42	2 39	12 13	0 46	8 35	2 12	23 42	0 16	4 40
S 16	9 50	4n31	0n18	17 50	2 4	7 52	0 18	4 46	2 36	12 10	0 47	8 36	2 12	23 42	0 16	4 40
M17	10 12	10 5	1 23	18 25	2 12	7 34	0 12	4 49	2 34	12 6	0 47	8 37	2 12	23 42	0 16	4 39
T 18	10 33	15 15	2 23	18 58	2 20	7 17	0 6	4 51	2 31	12 2	0 47	8 37	2 12	23 42	0 16	4 38
W19	10 54	19 52	3 18	19 28	2 26	6 58	0 1	4 53	2 28	11 59	0 47	8 38	2 12	23 42	0 16	4 38
T 20	11 15	23 42	4 4	19 55	2 32	6 40	0s 5	4 55	2 26	11 55	0 47	8 39	2 11	23 42	0 16	4 37
F 21	11 35	26 33	4 39	20 20	2 38	6 21	0 10	4 57	2 23	11 52	0 47	8 40	2 11	23 42	0 16	4 37
S 22	11 56	28 15	5 3	20 42	2 42	6 2	0 15	4 58	2 20	11 48	0 48	8 41	2 11	23 42	0 16	4 36
S 23	12 16	28 37	5 14	21 1	2 45	5 42	0 20	4 59	2 18	11 45	0 48	8 42	2 11	23 42	0 16	4 35
M24	12 36	27 34	5 10	21 17	2 47	5 23	0 25	5 0	2 15	11 41	0 48	8 42	2 11	23 42	0 16	4 35
T 25	12 56	25 8	4 52	21 31	2 48	5 2	0 30	5 0	2 12	11 38	0 48	8 43	2 11	23 42	0 16	4 34
W26	13 16	21 22	4 18	21 43	2 49	4 42	0 35	5 1	2 10	11 34	0 49	8 44	2 11	23 42	0 16	4 34
T 27	13 35	16 26	3 30	21 51	2 47	4 21	0 40	5 0	2 7	11 31	0 49	8 44	2 11	23 42	0 16	4 33
F 28	13 54	10 31	2 29	21 57	2 45	4 0	0 44	5 0	2 4	11 28	0 49	8 45	2 10	23 42	0 16	4 32
S 29	14 13	3 54	1 16	22 1	2 42	3 39	0 49	4 59	2 2	11 24	0 49	8 46	2 10	23 42	0 16	4 32
S 30	14n32	3s 6	0s 3	22n 2	2n37	3s18	0s53	4n58	1n59	11s21	0s49	8n46	2n10	23n42	0n16	4s31

Julian Day Number = 2433372.5, Delta T = 29.03 sec
Ecliptic obliquity = 23°26'54", Nutation = - 0°00'02", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°02'43", Lahiri = 23°09'44"

ASTRODIENST EPHEMERIS for the year 1950

geocentric

MAY 1950

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 33 25	10° 3' 26"	22° 40'	27° 12'	24° 48'	22° R 3	2° 40'	12° R 46	2° 6'	15° R 20	15° 46'	7° R 9	5° 45'	12° 8'	21° R 5	M 1
T 2	14 37 21	11° 1' 38"	7° 18' 51"	27° 24'	25° 53'	22° 1	2° 49'	12° 44'	2° 8'	15° 19'	15° 46'	7° 7'	5° 42'	12° 13'	21° 2'	T 2
W 3	14 41 18	11° 59' 48"	23° 7'	27° 30'	26° 58'	22° 1	2° 58'	12° 43'	2° 11'	15° 18'	15° 46'	7° 3'	5° 39'	12° 19'	21° 0'	W 3
T 4	14 45 14	12° 57' 57"	8° 18'	27° R 31	28° 2'	22° D 0	3° 7'	12° 42'	2° 13'	15° 16'	15° 47'	6° 58'	5° 36'	12° 26'	20° 57'	T 4
F 5	14 49 11	13° 56' 04"	23° 13'	27° 27'	29° 7'	22° 1	3° 16'	12° 40'	2° 16'	15° 15'	15° 47'	6° 53'	5° 33'	12° 33'	20° 54'	F 5
S 6	14 53 7	14° 54' 10"	7° 34'	27° 18'	0° 13'	22° 2	3° 25'	12° 39'	2° 19'	15° 13'	15° 47'	6° 48'	5° 30'	12° 39'	20° 51'	S 6
S 7	14 57 4	15° 52' 14"	21° 48'	27° 4'	1° 18'	22° 4	3° 34'	12° 38'	2° 21'	15° 12'	15° 47'	6° 44'	5° 26'	12° 46'	20° 48'	S 7
M 8	15 1 1	16° 50' 17"	5° 24'	26° 45'	2° 24'	22° 7	3° 42'	12° 38'	2° 24'	15° 11'	15° 47'	6° 42'	5° 23'	12° 53'	20° 45'	M 8
T 9	15 4 57	17° 48' 19"	18° 32'	26° 23'	3° 30'	22° 11	3° 51'	12° 37'	2° 27'	15° 9'	15° 48'	6° 41'	5° 20'	12° 59'	20° 42'	T 9
W 10	15 8 54	18° 46' 19"	1° 17'	25° 57'	4° 36'	22° 15	3° 59'	12° 36'	2° 30'	15° 8'	15° 48'	6° 42'	5° 17'	13° 6'	20° 39'	W 10
T 11	15 12 50	19° 44' 17"	13° 41'	25° 29'	5° 42'	22° 20	4° 7'	12° 36'	2° 33'	15° 7'	15° 48'	6° 43'	5° 14'	13° 13'	20° 36'	T 11
F 12	15 16 47	20° 42' 15"	25° 51'	24° 57'	6° 48'	22° 26	4° 15'	12° 35'	2° 35'	15° 5'	15° 49'	6° 45'	5° 11'	13° 19'	20° 32'	F 12
S 13	15 20 43	21° 40' 11"	7° 49'	24° 24'	7° 54'	22° 32	4° 23'	12° 35'	2° 38'	15° 4'	15° 49'	6° 45'	5° 7'	13° 26'	20° 29'	S 13
S 14	15 24 40	22° 38' 06"	19° 41'	23° 49'	9° 1'	22° 39	4° 30'	12° 35'	2° 41'	15° 3'	15° 50'	6° 44'	5° 4'	13° 33'	20° 26'	S 14
M 15	15 28 36	23° 35' 59"	1° 29'	23° 14'	10° 8'	22° 46	4° 38'	12° D 35	2° 44'	15° 2'	15° 50'	6° 41'	5° 1'	13° 40'	20° 22'	M 15
T 16	15 32 33	24° 33' 51"	13° 17'	22° 38'	11° 14'	22° 55	4° 45'	12° 35'	2° 47'	15° 0'	15° 50'	6° 36'	4° 58'	13° 46'	20° 19'	T 16
W 17	15 36 30	25° 31' 42"	25° 7'	22° 3'	12° 21'	23° 4	4° 53'	12° 35'	2° 50'	14° 59'	15° 51'	6° 29'	4° 55'	13° 53'	20° 15'	W 17
T 18	15 40 26	26° 29' 31"	7° 11'	21° 29'	13° 28'	23° 13	5° 0'	12° 35'	2° 53'	14° 58'	15° 51'	6° 20'	4° 51'	14° 0'	20° 12'	T 18
F 19	15 44 23	27° 27' 19"	19° 0'	20° 57'	14° 36'	23° 23	5° 7'	12° 35'	2° 56'	14° 57'	15° 52'	6° 10'	4° 48'	14° 6'	20° 8'	F 19
S 20	15 48 19	28° 25' 05"	1° 6'	20° 27'	15° 43'	23° 34	5° 14'	12° 36'	2° 59'	14° 56'	15° 53'	6° 1'	4° 45'	14° 13'	20° 4'	S 20
S 21	15 52 16	29° 22' 50"	13° 20'	20° 0'	16° 50'	23° 45	5° 20'	12° 36'	3° 3'	14° 55'	15° 53'	5° 52'	4° 42'	14° 20'	20° 0'	S 21
M 22	15 56 12	0° 12' 33"	25° 46'	19° 35'	17° 58'	23° 57	5° 27'	12° 37'	3° 6'	14° 54'	15° 54'	5° 45'	4° 39'	14° 26'	19° 57'	M 22
T 23	16 0 9	1° 18' 15"	8° 12' 24"	19° 15'	19° 6'	24° 10	5° 33'	12° 38'	3° 9'	14° 53'	15° 55'	5° 41'	4° 36'	14° 33'	19° 53'	T 23
W 24	16 4 5	2° 15' 55"	21° 19'	18° 58'	20° 13'	24° 23	5° 39'	12° 39'	3° 12'	14° 52'	15° 55'	5° 38'	4° 32'	14° 40'	19° 49'	W 24
T 25	16 8 2	3° 13' 34"	4° 11' 32"	18° 45'	21° 21'	24° 36	5° 45'	12° 40'	3° 15'	14° 51'	15° 56'	5° D 38	4° 29'	14° 46'	19° 45'	T 25
F 26	16 11 59	4° 11' 11"	18° 7'	18° 36'	22° 29'	24° 51	5° 51'	12° 41'	3° 18'	14° 50'	15° 57'	5° 38'	4° 26'	14° 53'	19° 41'	F 26
S 27	16 15 55	5° 8' 46"	2° 6'	18° 31'	23° 37'	25° 5	5° 57'	12° 42'	3° 22'	14° 49'	15° 57'	5° R 39	4° 23'	15° 0'	19° 37'	S 27
S 28	16 19 52	6° 6' 20"	16° 29'	18° D 31	24° 45'	25° 20	6° 3'	12° 43'	3° 25'	14° 48'	15° 58'	5° 38'	4° 20'	15° 6'	19° 33'	S 28
M 29	16 23 48	7° 3' 53"	1° 14'	18° 35'	25° 54'	25° 36	6° 8'	12° 44'	3° 28'	14° 47'	15° 59'	5° 36'	4° 17'	15° 13'	19° 29'	M 29
T 30	16 27 45	8° 1' 25"	16° 16'	18° 44'	27° 2'	25° 52	6° 13'	12° 46'	3° 32'	14° 46'	16° 0'	5° 31'	4° 13'	15° 20'	19° 25'	T 30
W 31	16 31 41	8° 11' 58" 55"	1° 27'	18° 58'	28° 11'	26° 9	6° 18'	12° 47'	3° 35'	14° 45'	16° 1'	5° 24'	4° 10'	15° 26'	19° 21'	W 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	14n50	10s 7	1s24	22n 0	2n31	2s56	0s57	4n56	1n57	11s18	0s50	8n46	2n10	23n42	0n16	4s31
T 2	15 8	16 39	2 40	21 56	2 24	2 34	1 1	4 55	1 54	11 15	0 50	8 47	2 10	23 42	0 16	4 30
W 3	15 26	22 11	3 45	21 49	2 16	2 12	1 5	4 53	1 51	11 12	0 50	8 47	2 10	23 42	0 16	4 30
T 4	15 44	26 12	4 33	21 40	2 7	1 50	1 9	4 50	1 49	11 9	0 50	8 48	2 10	23 42	0 16	4 29
F 5	16 2	28 18	5 2	21 29	1 56	1 27	1 12	4 48	1 46	11 6	0 50	8 48	2 9	23 42	0 16	4 29
S 6	16 19	28 24	5 11	21 15	1 44	1 5	1 16	4 45	1 44	11 3	0 51	8 48	2 9	23 42	0 16	4 28
S 7	16 36	26 37	5 0	20 59	1 31	0 42	1 19	4 42	1 41	11 0	0 51	8 48	2 9	23 42	0 16	4 28
M 8	16 52	23 20	4 33	20 42	1 17	0 19	1 23	4 38	1 39	10 57	0 51	8 48	2 9	23 41	0 16	4 27
T 9	17 9	18 57	3 52	20 22	1 3	0n 4	1 26	4 35	1 36	10 54	0 51	8 49	2 9	23 41	0 16	4 27
W 10	17 25	13 50	3 1	20 1	0 47	0 28	1 29	4 31	1 34	10 51	0 52	8 49	2 9	23 41	0 16	4 26
T 11	17 41	8 18	2 2	19 38	0 31	0 51	1 32	4 27	1 32	10 49	0 52	8 49	2 8	23 41	0 16	4 26
F 12	17 56	2 33	0 59	19 14	0 14	1 15	1 35	4 22	1 29	10 46	0 52	8 49	2 8	23 41	0 16	4 25
S 13	18 11	3n11	0n 6	18 49	0s 3	1 39	1 38	4 18	1 27	10 43	0 52	8 49	2 8	23 41	0 16	4 25
S 14	18 26	8 46	1 9	18 24	0 21	2 2	1 40	4 13	1 25	10 41	0 53	8 49	2 8	23 41	0 16	4 24
M 15	18 41	14 1	2 10	17 58	0 38	2 26	1 43	4 8	1 22	10 38	0 53	8 49	2 8	23 41	0 16	4 24
T 16	18 55	18 45	3 4	17 32	0 56	2 50	1 45	4 2	1 20	10 36	0 53	8 48	2 8	23 41	0 16	4 23
W 17	19 9	22 47	3 51	17 7	1 13	3 14	1 47	3 57	1 18	10 33	0 53	8 48	2 7	23 41	0 16	4 23
T 18	19 23	25 53	4 27	16 42	1 30	3 38	1 49	3 51	1 16	10 31	0 54	8 48	2 7	23 41	0 16	4 23
F 19	19 36	27 51	4 52	16 18	1 46	4 3	1 51	3 45	1 13	10 28	0 54	8 48	2 7	23 41	0 16	4 22
S 20	19 49	28 31	5 5	15 55	2 2	4 27	1 53	3 39	1 11	10 26	0 54	8 47	2 7	23 41	0 16	4 22
S 21	20 2	27 48	5 3	15 33	2 16	4 51	1 55	3 32	1 9	10 24	0 54	8 47	2 7	23 41	0 16	4 21
M 22	20 14	25 42	4 48	15 13	2 30	5 15	1 57	3 26	1 7	10 22	0 55	8 47	2 7	23 41	0 16	4 21
T 23	20 26	22 19	4 18	14 55	2 43	5 39	1 58	3 19	1 5	10 20	0 55	8 46	2 6	23 41	0 16	4 21
W 24	20 37	17 47	3 34	14 39	2 55	6 3	2 0	3 12	1 3	10 18	0 55	8 46	2 6	23 40	0 16	4 20
T 25	20 49	12 19	2 39	14 26	3 6	6 27	2 1	3 4	1 1	10 16	0 55	8 45	2 6	23 40	0 16	4 20
F 26	20 59	6 7	1 32	14 14	3 15	6 51	2 2	2 57	0 59	10 14	0 56	8 45	2 6	23 40	0 16	4 20
S 27	21 10	0s33	0 19	14 4	3 24	7 16	2 4	2 49	0 57	10 12	0 56	8 44	2 6	23 40	0 16	4 19
S 28	21 20	7 22	0s58	13 57	3 31	7 40	2 5	2 41	0 55	10 10	0 56	8 43	2 6	23 40	0 16	4 19
M 29	21 30	13 58	2 12	13 53	3 38	8 3	2 6	2 33	0 53	10 8	0 56	8 43	2 5	23 40	0 16	4 19
T 30	21 39	19 53	3 19	13 50	3 43	8 27	2 6	2 25	0 51	10 7	0 57	8 42	2 5	23 40	0 16	4 18
W 31	21n48	24s34	4s12	13n50	3s47	8n51	2s 7	2n17	0n49	10s 5	0s57	8n41	2n 5	23n40	0n16	4s18

Julian Day Number = 2433402.5, Delta T = 29.06 sec
 Ecliptic obliquity = 23°26'54", Nutation = - 0°00'03", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°02'47", Lahiri = 23°09'48"

ASTRODIENST EPHEMERIS for the year 1950

geocentric

JUNE 1950

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 35 38	9♏56'24	16♊36	19♏16	29♏19	26♏26	6♏23	12♏49	3♏38	14♏45	16♏2	5♏15	4♏7	15♏33	19♏17	T 1
F 2	16 39 34	10°53'52	1♊35	19°38	0♏28	26°44	6°28	12°51	3°42	14°44	16°3	5°6	4°4	15°40	19♊13	F 2
S 3	16 43 31	11°51'20	16°13	20°4	1°36	27°2	6°32	12°53	3°45	14°43	16°3	4°57	4°1	15°46	19°9	S 3
S 4	16 47 28	12°48'46	0♏25	20°35	2°45	27°20	6°37	12°55	3°49	14°42	16°4	4°49	3°57	15°53	19°5	S 4
M 5	16 51 24	13°46'12	14°7	21°10	3°54	27°39	6°41	12°57	3°52	14°42	16°5	4°43	3°54	16°0	19°1	M 5
T 6	16 55 21	14°43'37	27°20	21°49	5°3	27°59	6°45	12°59	3°55	14°41	16°6	4°40	3°51	16°6	18°57	T 6
W 7	16 59 17	15°41'01	10♏7	22°32	6°12	28°18	6°49	13°1	3°59	14°41	16°7	4°39	3°48	16°13	18°52	W 7
T 8	17 3 14	16°38'25	22°31	23°19	7°21	28°38	6°53	13°4	4°2	14°40	16°8	4°D39	3°45	16°20	18°48	T 8
F 9	17 7 10	17°35'48	4♏39	24°10	8°31	28°59	6°56	13°6	4°6	14°39	16°10	4°R39	3°42	16°26	18°44	F 9
S 10	17 11 7	18°33'11	16°36	25°4	9°40	29°20	6°59	13°9	4°9	14°39	16°11	4°38	3°38	16°33	18°40	S 10
S 11	17 15 3	19°30'33	28°26	26°2	10°49	29°41	7°3	13°11	4°13	14°38	16°12	4°36	3°35	16°40	18°36	S 11
M12	17 19 0	20°27'54	10♏13	27°3	11°59	0♏3	7°6	13°14	4°16	14°38	16°13	4°31	3°32	16°47	18°32	M12
T 13	17 22 57	21°25'15	22°2	28°8	13°8	0°25	7°8	13°17	4°20	14°37	16°14	4°24	3°29	16°53	18°27	T 13
W14	17 26 53	22°22'36	3♏56	29°17	14°18	0°48	7°11	13°20	4°23	14°37	16°15	4°14	3°26	17°0	18°23	W14
T 15	17 30 50	23°19'56	15°57	0♏29	15°28	1°11	7°13	13°23	4°27	14°37	16°16	4°1	3°23	17°7	18°19	T 15
F 16	17 34 46	24°17'15	28°5	1°44	16°37	1°34	7°15	13°26	4°31	14°36	16°18	3°48	3°19	17°13	18°15	F 16
S 17	17 38 43	25°14'34	10♏23	3°2	17°47	1°58	7°18	13°29	4°34	14°36	16°19	3°35	3°16	17°20	18°11	S 17
S 18	17 42 39	26°11'52	22°51	4°24	18°57	2°22	7°19	13°32	4°38	14°36	16°20	3°23	3°13	17°27	18°7	S 18
M19	17 46 36	27°9'09	5♏29	5°49	20°7	2°46	7°21	13°36	4°41	14°35	16°21	3°13	3°10	17°33	18°3	M19
T 20	17 50 33	28°6'26	18°19	7°17	21°17	3°11	7°22	13°39	4°45	14°35	16°23	3°6	3°7	17°40	17°59	T 20
W21	17 54 29	29°3'42	1♏21	8°48	22°27	3°36	7°24	13°43	4°48	14°35	16°24	3°1	3°3	17°47	17°55	W21
T 22	17 58 26	0♏57	14°38	10°22	23°37	4°1	7°25	13°46	4°52	14°35	16°25	2°59	3°0	17°53	17°51	T 22
F 23	18 2 22	0°58'12	28°12	11°59	24°47	4°26	7°26	13°50	4°56	14°35	16°27	2°59	2°57	18°0	17°47	F 23
S 24	18 6 19	1°55'26	12♏3	13°40	25°57	4°52	7°26	13°54	4°59	14°35	16°28	2°59	2°54	18°7	17°43	S 24
S 25	18 10 15	2°52'39	26°13	15°23	27°8	5°18	7°27	13°58	5°3	14°35	16°30	2°58	2°51	18°13	17°39	S 25
M26	18 14 12	3°49'52	10♏41	17°9	28°18	5°45	7°27	14°2	5°6	14°D35	16°31	2°55	2°48	18°20	17°35	M26
T 27	18 18 8	4°47'04	25°24	18°58	29°28	6°12	7°R27	14°6	5°10	14°35	16°32	2°49	2°44	18°27	17°31	T 27
W28	18 22 5	5°44'16	10♏17	20°50	0♏39	6°39	7°27	14°10	5°14	14°35	16°34	2°41	2°41	18°33	17°27	W28
T 29	18 26 2	6°41'27	25°11	22°45	1°49	7°6	7°27	14°14	5°17	14°35	16°35	2°31	2°38	18°40	17°23	T 29
F 30	18 29 58	7°38'38	9♏57	24♏42	3♏0	7♏34	7♏27	14♏18	5°21	14°35	16°37	2°Y20	2°Y35	18°47	17°20	F 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21n57	27s32	4s47	13n52	3s50	9n15	2s8	2n8	0n47	10s3	0s57	8n40	2n5	23n40	0n16	4s18	1n38	23n46	8n7	2n5	1n38	19n46	17s11	5n51	
F 2	22 5	28 29	5 3	13 56	3 52	9 38	2 8	2 0	0 45	10 2	0 57	8 40	2 5	23 40	0 16	4 18	1 38	23 46	8 7	2 2	1 37	19 48	17 10	5 52	
S 3	22 13	27 23	4 57	14 2	3 53	10 1	2 9	1 51	0 43	10 0	0 58	8 39	2 5	23 40	0 16	4 17	1 38	23 45	8 7	1 58	1 36	19 51	17 10	5 52	
S 4	22 21	24 31	4 34	14 10	3 53	10 25	2 9	1 42	0 42	9 59	0 58	8 38	2 4	23 40	0 16	4 17	1 38	23 45	8 7	1 55	1 34	19 54	17 9	5 52	
M 5	22 28	20 21	3 55	14 20	3 52	10 48	2 9	1 33	0 40	9 58	0 58	8 37	2 4	23 39	0 16	4 17	1 38	23 45	8 7	1 53	1 33	19 56	17 9	5 52	
T 6	22 34	15 18	3 5	14 31	3 50	11 11	2 9	1 23	0 38	9 57	0 59	8 36	2 4	23 39	0 16	4 17	1 38	23 44	8 6	1 51	1 32	19 59	17 8	5 52	
W 7	22 41	9 44	2 7	14 45	3 47	11 34	2 9	1 14	0 36	9 55	0 59	8 35	2 4	23 39	0 16	4 17	1 38	23 44	8 6	1 51	1 31	20 1	17 7	5 53	
T 8	22 47	3 57	1 4	15 0	3 44	11 56	2 9	1 4	0 35	9 54	0 59	8 34	2 4	23 39	0 16	4 16	1 38	23 43	8 6	1 51	1 29	20 4	17 7	5 53	
F 9	22 52	1n51	0n0	15 16	3 40	12 18	2 9	0 54	0 33	9 53	0 59	8 33	2 4	23 39	0 16	4 16	1 38	23 43	8 6	1 51	1 28	20 6	17 6	5 53	
S 10	22 57	7 30	1 3	15 34	3 35	12 41	2 9	0 45	0 31	9 52	1 0	8 32	2 3	23 39	0 16	4 16	1 38	23 42	8 6	1 51	1 27	20 9	17 6	5 53	
S 11	23 2	12 50	2 3	15 53	3 29	13 3	2 8	0 34	0 30	9 51	1 0	8 30	2 3	23 39	0 16	4 16	1 38	23 42	8 6	1 50	1 26	20 12	17 5	5 53	
M12	23 6	17 41	2 57	16 13	3 23	13 24	2 8	0 24	0 28	9 50	1 0	8 29	2 3	23 39	0 16	4 16	1 38	23 41	8 6	1 48	1 24	20 14	17 5	5 53	
T 13	23 10	21 52	3 43	16 34	3 16	13 46	2 7	0 14	0 26	9 50	1 0	8 28	2 3	23 39	0 16	4 16	1 38	23 41	8 6	1 45	1 23	20 17	17 4	5 54	
W14	23 14	25 12	4 20	16 57	3 8	14 7	2 7	0 4	0 25	9 49	1 1	8 27	2 3	23 38	0 16	4 15	1 38	23 40	8 5	1 41	1 22	20 19	17 4	5 54	
T 15	23 17	27 26	4 46	17 19	3 0	14 28	2 6	0s7	0 23	9 48	1 1	8 25	2 3	23 38	0 16	4 15	1 38	23 40	8 5	1 36	1 21	20 22	17 4	5 54	
F 16	23 19	28 25	4 59	17 43	2 51	14 49	2 5	0 18	0 22	9 48	1 1	8 24	2 2	23 38	0 16	4 15	1 38	23 39	8 5	1 31	1 19	20 24	17 3	5 54	
S 17	23 22	28 0	4 58	18 7	2 42	15 9	2 4	0 28	0 20	9 47	1 2	8 23	2 2	23 38	0 16	4 15	1 38	23 39	8 5	1 26	1 18	20 27	17 3	5 54	
S 18	23 24	26 10	4 43	18 32	2 33	15 29	2 3	0 39	0 19	9 47	1 2	8 21	2 2	23 38	0 16	4 15	1 38	23 38	8 5	1 21	1 17	20 29	17 2	5 54	
M19	23 25	23 1	4 14	18 57	2 23	15 49	2 2	0 50	0 17	9 47	1 2	8 20	2 2	23 38	0 16	4 15	1 38	23 38	8 5	1 17	1 16	20 32	17 2	5 54	
T 20	23 26	18 43	3 32	19 22	2 12	16 8	2 1	1 2	0 16	9 46	1 2	8 18	2 2	23 38	0 16	4 15	1 38	23 37	8 5	1 14	1 14	20 34	17 1	5 54	
W21	23 27	13 28	2 39	19 47	2 1	16 27	2 0	1 13	0 14	9 46	1 3	8 17	2 2	23 38	0 16	4 15	1 38	23 37	8 5	1 12	1 13	20 37	17 1	5 54	
T 22	23 27	7 31	1 35	20 11	1 50	16 46	1 59	1 24	0 13	9 46	1 3	8 15	2 2	23 38	0 16	4 15	1 38	23 36	8 5	1 11	1 12	20 39	17 1	5 54	
F 23	23 27	1 6	0 25	20 36	1 39	17 4	1 57	1 36	0 11	9 46	1 3	8 14	2 1	23 37	0 16	4 15	1 37	23 36	8 5	1 11	1 10	20 42	17 0	5 54	
S 24	23 26	5s30	0s48	21 0	1 28	17 22	1 56	1 47	0 10	9 46	1 4	8 12	2 1	23 37	0 16	4 15	1 37	23 35	8 4	1 11	1 9	20 44	17 0	5 54	
S 25	23 25	11 59	1 59	21 23	1 16	17 40	1 55	1 59	0 8	9 46	1 4	8 10	2 1	23 37	0 16	4 15	1 37	23 35	8 4	1 11	1 8	20 47	17 0	5 54	
M26	23 24	17 58	3 5	21 46	1 4	17 57	1 53	2 11	0 7	9 46	1 4	8 9	2 1	23 37	0 16	4 15	1 37	23 34	8 4	1 10	1 7	20 49	16 59	5 54	
T 27	23 22	22 59	3 59	22 7	0 52	18 14	1 51	2 22	0 6	9 46	1 5	8 7	2 1	23 37	0 16	4 15	1 37	23 34	8 4	1 7	1 5	20 52	16 59	5 54	
W28	23 19	26 35	4 38	22 28	0 40	18 30	1 50	2 34	0 4	9 47	1 5	8 5	2 1	23 37	0 16	4 15	1 37	23 33	8 4	1 4	1 4	20 54	16 59	5 54	
T 29	23 17	28 19	4 58	22 47	0 28	18 46	1 48	2 46	0 3	9 47	1 5	8 4	2 1	23 37	0 16	4 15	1 37	23 33	8 4	1 0	1 3	20 57	16 58	5 54	
F 30	23n14	28s1	4s58	23n4	0s17	19n2	1s46	2s58	0n2	9s48	1s5	8n2	2n0	23n36	0n16	4s15	1n37	23n32	8n4	0n56	1n2	20n59	16s58	5n54	

ASTRODIENST EPHEMERIS for the year 1950
geocentric

JULY 1950

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 33 55	8☾35'49	24☾28	26☾41	4☾11	8☾ 2	7°R26	14☾23	5☾24	14☾35	16☾38	2°R 9	2☾32	18☾54	17°R16	S 1
S 2	18 37 51	9°33'00	8☾36	28°43	5°21	8°30	7☾25	14°27	5°28	14°35	16°40	2☾ 0	2°29	19° 0	17☾12	S 2
M 3	18 41 48	10°30'12	22°18	0☾47	6°32	8°58	7°24	14°32	5°32	14°35	16°41	1°53	2°25	19° 7	17° 9	M 3
T 4	18 45 44	11°27'23	5☾33	2°52	7°43	9°27	7°22	14°36	5°35	14°36	16°43	1°48	2°22	19°14	17° 5	T 4
W 5	18 49 41	12°24'34	18°22	4°59	8°54	9°56	7°21	14°41	5°39	14°36	16°45	1°46	2°19	19°20	17° 2	W 5
T 6	18 53 37	13°21'45	0☾49	7° 7	10° 5	10°25	7°19	14°46	5°42	14°36	16°46	1°D46	2°16	19°27	16°58	T 6
F 7	18 57 34	14°18'57	12°59	9°16	11°16	10°54	7°17	14°51	5°46	14°36	16°48	1°R46	2°13	19°34	16°55	F 7
S 8	19 1 31	15°16'09	24°57	11°26	12°27	11°24	7°15	14°56	5°50	14°37	16°49	1°45	2° 9	19°40	16°51	S 8
S 9	19 5 27	16°13'22	6☾48	13°35	13°38	11°54	7°13	15° 1	5°53	14°37	16°51	1°44	2° 6	19°47	16°48	S 9
M10	19 9 24	17°10'35	18°37	15°45	14°49	12°24	7°11	15° 6	5°57	14°38	16°53	1°40	2° 3	19°54	16°45	M10
T 11	19 13 20	18° 7'49	0☾29	17°55	16° 0	12°54	7° 8	15°11	6° 0	14°38	16°54	1°33	2° 0	20° 0	16°42	T 11
W12	19 17 17	19° 5'02	12°28	20° 4	17°11	13°24	7° 5	15°16	6° 4	14°38	16°56	1°24	1°57	20° 7	16°39	W12
T 13	19 21 13	20° 2'17	24°36	22°13	18°23	13°55	7° 3	15°21	6° 7	14°39	16°58	1°14	1°54	20°14	16°36	T 13
F 14	19 25 10	20°59'31	6☾56	24°20	19°34	14°26	6°59	15°26	6°11	14°40	16°59	1° 2	1°50	20°20	16°33	F 14
S 15	19 29 6	21°56'46	19°28	26°26	20°45	14°57	6°56	15°32	6°14	14°40	17° 1	0°49	1°47	20°27	16°30	S 15
S 16	19 33 3	22°54'02	2☾12	28°31	21°57	15°29	6°53	15°37	6°18	14°41	17° 3	0°38	1°44	20°34	16°27	S 16
M17	19 37 0	23°51'18	15° 9	0☾35	23° 8	16° 0	6°49	15°43	6°21	14°41	17° 4	0°29	1°41	20°41	16°24	M17
T 18	19 40 56	24°48'33	28°18	2°38	24°20	16°32	6°45	15°48	6°25	14°42	17° 6	0°23	1°38	20°47	16°21	T 18
W19	19 44 53	25°45'50	11☾37	4°38	25°32	17° 4	6°41	15°54	6°28	14°43	17° 8	0°19	1°35	20°54	16°19	W19
T 20	19 48 49	26°43'06	25° 8	6°37	26°43	17°37	6°37	16° 0	6°32	14°44	17°10	0°D18	1°31	21° 1	16°16	T 20
F 21	19 52 46	27°40'22	8☾50	8°35	27°55	18° 9	6°32	16° 5	6°35	14°44	17°11	0°18	1°28	21° 7	16°14	F 21
S 22	19 56 42	28°37'39	22°43	10°30	29° 7	18°42	6°28	16°11	6°39	14°45	17°13	0°R18	1°25	21°14	16°11	S 22
S 23	20 0 39	29°34'56	6☾48	12°24	0☾18	19°14	6°23	16°17	6°42	14°46	17°15	0°18	1°22	21°21	16° 9	S 23
M24	20 4 35	0☾32'14	21° 4	14°17	1°30	19°47	6°18	16°23	6°45	14°47	17°17	0°17	1°19	21°27	16° 6	M24
T 25	20 8 32	1°29'32	5☾28	16° 7	2°42	20°21	6°13	16°29	6°49	14°48	17°18	0°13	1°15	21°34	16° 4	T 25
W26	20 12 29	2°26'50	19°57	17°56	3°54	20°54	6° 8	16°35	6°52	14°49	17°20	0° 7	1°12	21°41	16° 2	W26
T 27	20 16 25	3°24'09	4☾26	19°43	5° 6	21°28	6° 3	16°41	6°55	14°50	17°22	29☾59	1° 9	21°47	16° 0	T 27
F 28	20 20 22	4°21'28	18°48	21°28	6°18	22° 1	5°57	16°47	6°59	14°51	17°24	29°50	1° 6	21°54	15°58	F 28
S 29	20 24 18	5°18'48	2☾59	23°12	7°30	22°35	5°51	16°54	7° 2	14°52	17°26	29°42	1° 3	22° 1	15°56	S 29
S 30	20 28 15	6°16'09	16°51	24°54	8°42	23° 9	5°46	17° 0	7° 5	14°53	17°27	29°34	1° 0	22° 8	15°54	S 30
M31	20 32 11	7☾13'30	0☾23	26☾34	9☾55	23☾43	5☾40	17☾ 6	7☾ 9	14☾54	17☾29	29☾29	0☾56	22☾14	15☾53	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	23n10	25s48	4s38	23n19	0s 5	19n17	1s44	3s11	0n 0	9s48	1s 6	8n 0	2n 0	23n36	0n16	4s15
S 2	23 6	22 0	4 2	23 33	0n 6	19 32	1 42	3 23	0s 1	9 49	1 6	7 58	2 0	23 36	0 16	4 16
M 3	23 2	17 7	3 13	23 44	0 17	19 46	1 40	3 35	0 2	9 49	1 6	7 56	2 0	23 36	0 16	4 16
T 4	22 57	11 33	2 14	23 53	0 28	19 59	1 38	3 48	0 3	9 50	1 7	7 54	2 0	23 36	0 16	4 16
W 5	22 52	5 41	1 10	23 59	0 38	20 13	1 36	4 0	0 5	9 51	1 7	7 52	2 0	23 36	0 16	4 16
T 6	22 47	0n15	0 5	24 3	0 47	20 25	1 34	4 13	0 6	9 52	1 7	7 50	2 0	23 36	0 16	4 16
F 7	22 41	6 2	0n59	24 4	0 56	20 37	1 32	4 25	0 7	9 53	1 7	7 48	1 59	23 35	0 16	4 16
S 8	22 34	11 31	2 0	24 2	1 5	20 49	1 29	4 31	0 8	9 54	1 8	7 46	1 59	23 35	0 16	4 16
S 9	22 28	16 32	2 54	23 57	1 12	21 0	1 27	4 58	0 9	9 55	1 8	7 44	1 59	23 35	0 16	4 17
M10	22 21	20 55	3 41	23 50	1 19	21 11	1 25	5 4	0 10	9 56	1 8	7 42	1 59	23 35	0 16	4 17
T 11	22 13	24 29	4 19	23 40	1 26	21 21	1 22	5 16	0 12	9 57	1 9	7 40	1 59	23 35	0 16	4 17
W12	22 5	27 1	4 46	23 27	1 31	21 30	1 20	5 29	0 13	9 59	1 9	7 38	1 59	23 35	0 16	4 17
T 13	21 57	28 20	5 0	23 12	1 36	21 39	1 18	5 42	0 14	10 0	1 9	7 36	1 59	23 35	0 16	4 18
F 14	21 49	28 16	5 0	22 54	1 40	21 47	1 15	5 55	0 15	10 1	1 9	7 34	1 59	23 34	0 16	4 18
S 15	21 40	26 45	4 46	22 34	1 43	21 55	1 12	6 9	0 16	10 3	1 10	7 32	1 59	23 34	0 16	4 18
S 16	21 30	23 51	4 18	22 11	1 46	22 2	1 10	6 22	0 17	10 4	1 10	7 29	1 58	23 34	0 16	4 18
M17	21 21	19 44	3 36	21 47	1 47	22 9	1 7	6 35	0 18	10 6	1 10	7 27	1 58	23 34	0 16	4 19
T 18	21 10	14 36	2 42	21 20	1 49	22 15	1 5	6 48	0 19	10 8	1 10	7 25	1 58	23 34	0 16	4 19
W19	21 0	8 43	1 38	20 52	1 49	22 20	1 2	7 1	0 20	10 9	1 11	7 23	1 58	23 34	0 16	4 19
T 20	20 49	2 21	0 27	20 22	1 49	22 25	0 59	7 15	0 21	10 11	1 11	7 20	1 58	23 34	0 16	4 20
F 21	20 38	4s12	0s45	19 51	1 48	22 29	0 57	7 28	0 22	10 13	1 11	7 18	1 58	23 33	0 16	4 20
S 22	20 27	10 39	1 57	19 19	1 46	22 33	0 54	7 41	0 23	10 15	1 11	7 16	1 58	23 33	0 16	4 20
S 23	20 15	16 39	3 2	18 45	1 44	22 36	0 51	7 55	0 24	10 17	1 12	7 13	1 58	23 33	0 16	4 21
M24	20 3	21 50	3 57	18 10	1 41	22 38	0 48	8 8	0 25	10 19	1 12	7 11	1 58	23 33	0 16	4 21
T 25	19 50	25 46	4 37	17 34	1 38	22 40	0 46	8 22	0 26	10 21	1 12	7 8	1 58	23 33	0 16	4 21
W26	19 37	28 3	5 0	16 57	1 34	22 41	0 43	8 35	0 27	10 23	1 12	7 6	1 57	23 33	0 16	4 22
T 27	19 24	28 26	5 4	16 19	1 29	22 41	0 40	8 49	0 28	10 25	1 13	7 4	1 57	23 32	0 16	4 22
F 28	19 11	26 53	4 49	15 41	1 25	22 41	0 37	9 2	0 29	10 28	1 13	7 1	1 57	23 32	0 16	4 23
S 29	18 57	23 38	4 16	15 2	1 19	22 40	0 34	9 16	0 30	10 30	1 13	6 59	1 57	23 32	0 16	4 23
S 30	18 43	19 5	3 28	14 23	1 14	22 38	0 32	9 29	0 31	10 32	1 13	6 56	1 57	23 32	0 16	4 24
M31	18n28	13s40	2s29	13n43	1n 8	22n36	0s29	9s43	0s32	10s35	1s14	6n54	1n57	23n32	0n16	4s24

Julian Day Number = 2433463.5, Delta T = 29.12 sec
Ecliptic obliquity = 23°26'53, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°02'56, Lahiri = 23°09'56

ASTRODIENST EPHEMERIS for the year 1950

geocentric

AUGUST 1950

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 36 8	8♌10'52	13♋32	28♌12	11♌7	24♌18	5°R34	17♌13	7♌12	14♌55	17♌31	29°R26	0°Y53	22♌21	15°R51	T 1
W 2	20 40 5	9° 8'15	26°19	29°49	12°19	24°52	5°K28	17°19	7°15	14°56	17°33	29°D24	0°50	22°28	15°K50	W 2
T 3	20 44 1	10° 5'40	8°Y46	1♉24	13°31	25°27	5°21	17°25	7°18	14°57	17°35	29°K25	0°47	22°34	15°48	T 3
F 4	20 47 58	11° 3'05	20°57	2°58	14°44	26° 2	5°15	17°32	7°21	14°58	17°36	29°26	0°44	22°41	15°47	F 4
S 5	20 51 54	12° 0'32	2♌56	4°29	15°56	26°37	5° 8	17°38	7°24	14°59	17°38	29°27	0°41	22°48	15°45	S 5
S 6	20 55 51	12°58'00	14°49	5°59	17° 9	27°12	5° 2	17°45	7°27	15° 1	17°40	29°R27	0°37	22°54	15°44	S 6
M 7	20 59 47	13°55'29	26°40	7°27	18°21	27°48	4°55	17°52	7°31	15° 2	17°42	29°26	0°34	23° 1	15°43	M 7
T 8	21 3 44	14°53'00	8♌35	8°54	19°34	28°23	4°48	17°58	7°34	15° 3	17°44	29°24	0°31	23° 8	15°42	T 8
W 9	21 7 40	15°50'32	20°37	10°19	20°47	28°59	4°41	18° 5	7°37	15° 4	17°46	29°19	0°28	23°14	15°41	W 9
T 10	21 11 37	16°48'05	2♌51	11°42	21°59	29°35	4°34	18°12	7°40	15° 6	17°48	29°13	0°25	23°21	15°40	T 10
F 11	21 15 34	17°45'40	15°19	13° 3	23°12	0♌11	4°27	18°19	7°43	15° 7	17°49	29° 6	0°21	23°28	15°39	F 11
S 12	21 19 30	18°43'16	28° 4	14°22	24°25	0°47	4°19	18°25	7°46	15° 9	17°51	28°59	0°18	23°35	15°39	S 12
S 13	21 23 27	19°40'53	11♌ 5	15°40	25°38	1°23	4°12	18°32	7°48	15°10	17°53	28°53	0°15	23°41	15°38	S 13
M14	21 27 23	20°38'31	24°22	16°55	26°51	2° 0	4° 4	18°39	7°51	15°11	17°55	28°47	0°12	23°48	15°38	M14
T 15	21 31 20	21°36'11	7♌53	18° 8	28° 4	2°36	3°57	18°46	7°54	15°13	17°57	28°44	0° 9	23°55	15°37	T 15
W16	21 35 16	22°33'51	21°37	19°20	29°17	3°13	3°49	18°53	7°57	15°14	17°59	28°42	0° 6	24° 1	15°37	W16
T 17	21 39 13	23°31'33	5♌31	20°29	0♌30	3°50	3°42	19° 0	8° 0	15°16	18° 0	28°D42	0° 2	24° 8	15°37	T 17
F 18	21 43 9	24°29'16	19°32	21°36	1°43	4°27	3°34	19° 7	8° 3	15°17	18° 2	28°43	29°K59	24°15	15°37	F 18
S 19	21 47 6	25°27'00	3♌39	22°41	2°56	5° 4	3°26	19°14	8° 5	15°19	18° 4	28°45	29°56	24°21	15°D37	S 19
S 20	21 51 3	26°24'45	17°49	23°43	4° 9	5°41	3°19	19°21	8° 8	15°21	18° 6	28°46	29°53	24°28	15°37	S 20
M21	21 54 59	27°22'31	2♌ 1	24°42	5°22	6°19	3°11	19°28	8°11	15°22	18° 8	28°R46	29°50	24°35	15°37	M21
T 22	21 58 56	28°20'18	16°13	25°39	6°35	6°57	3° 3	19°35	8°13	15°24	18°10	28°45	29°47	24°42	15°37	T 22
W23	22 2 52	29°18'07	0♌22	26°33	7°49	7°34	2°55	19°43	8°16	15°26	18°11	28°42	29°43	24°48	15°37	W23
T 24	22 6 49	0♌15'56	14°25	27°24	9° 2	8°12	2°47	19°50	8°18	15°27	18°13	28°39	29°40	24°55	15°38	T 24
F 25	22 10 45	1°13'47	28°21	28°12	10°15	8°50	2°39	19°57	8°21	15°29	18°15	28°35	29°37	25° 2	15°38	F 25
S 26	22 14 42	2°11'39	12♌ 4	28°57	11°29	9°28	2°31	20° 4	8°23	15°31	18°17	28°31	29°34	25° 8	15°39	S 26
S 27	22 18 38	3° 9'33	25°33	29°38	12°42	10° 6	2°24	20°12	8°26	15°32	18°19	28°28	29°31	25°15	15°40	S 27
M28	22 22 35	4° 7'28	8♌46	0♌15	13°56	10°45	2°16	20°19	8°28	15°34	18°21	28°25	29°27	25°22	15°41	M28
T 29	22 26 32	5° 5'24	21°41	0°48	15° 9	11°23	2° 8	20°26	8°31	15°36	18°22	28°24	29°24	25°28	15°41	T 29
W30	22 30 28	6° 3'22	4♌19	1°16	16°23	12° 2	2° 0	20°33	8°33	15°38	18°24	28°D24	29°21	25°35	15°42	W30
T 31	22 34 25	7♌ 1'22	16°Y41	1♌40	17♌36	12♌40	1°K52	20♌41	8°35	15°40	18°26	28°K25	29°K18	25°K42	15°K43	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	18n14	7s46	1s24	13n 3	1n 1	22n33	0s26	9s56	0s33	10s37	1s14	6n51	1n57	23n32	0n16	4s24
W 2	17 59	1 43	0 17	12 23	0 54	22 30	0 23	10 10	0 34	10 40	1 14	6 48	1 57	23 31	0 17	4 25
T 3	17 43	4n15	0n50	11 43	0 47	22 25	0 20	10 23	0 35	10 42	1 14	6 46	1 57	23 31	0 17	4 25
F 4	17 28	9 56	1 54	11 2	0 40	22 21	0 17	10 37	0 36	10 45	1 15	6 43	1 57	23 31	0 17	4 26
S 5	17 12	15 10	2 51	10 22	0 32	22 15	0 15	10 50	0 36	10 47	1 15	6 41	1 57	23 31	0 17	4 26
S 6	16 56	19 48	3 40	9 41	0 24	22 9	0 12	11 4	0 37	10 50	1 15	6 38	1 57	23 31	0 17	4 27
M 7	16 39	23 38	4 20	9 1	0 15	22 2	0 9	11 17	0 38	10 53	1 15	6 35	1 57	23 31	0 17	4 27
T 8	16 23	26 30	4 49	8 21	0 7	21 55	0 6	11 31	0 39	10 55	1 15	6 33	1 57	23 31	0 17	4 28
W 9	16 6	28 12	5 5	7 40	0s 2	21 47	0 3	11 44	0 40	10 58	1 16	6 30	1 56	23 30	0 17	4 28
T 10	15 48	28 33	5 8	7 1	0 11	21 38	0 1	11 58	0 41	11 1	1 16	6 27	1 56	23 30	0 17	4 29
F 11	15 31	27 29	4 57	6 21	0 20	21 29	0n 2	12 11	0 41	11 4	1 16	6 25	1 56	23 30	0 17	4 30
S 12	15 13	24 58	4 30	5 42	0 30	21 19	0 5	12 25	0 42	11 7	1 16	6 22	1 56	23 30	0 17	4 30
S 13	14 55	21 8	3 50	5 3	0 39	21 9	0 7	12 38	0 43	11 9	1 16	6 19	1 56	23 30	0 17	4 31
M14	14 37	16 10	2 56	4 25	0 49	20 58	0 10	12 51	0 44	11 12	1 16	6 16	1 56	23 30	0 17	4 31
T 15	14 19	10 20	1 51	3 47	0 59	20 46	0 13	13 5	0 45	11 15	1 17	6 14	1 56	23 29	0 17	4 32
W16	14 0	3 55	0 39	3 10	1 9	20 34	0 15	13 18	0 46	11 18	1 17	6 11	1 56	23 29	0 17	4 33
T 17	13 41	2s45	0s37	2 34	1 19	20 21	0 18	13 31	0 45	11 21	1 17	6 8	1 56	23 29	0 17	4 33
F 18	13 22	9 22	1 51	1 58	1 29	20 7	0 21	13 45	0 47	11 24	1 17	6 5	1 56	23 29	0 17	4 34
S 19	13 3	15 33	2 59	1 23	1 39	19 53	0 23	13 58	0 48	11 27	1 17	6 2	1 56	23 29	0 17	4 34
S 20	12 43	20 56	3 56	0 50	1 49	19 39	0 26	14 11	0 48	11 30	1 17	6 0	1 56	23 29	0 17	4 35
M21	12 23	25 8	4 39	0 17	1 59	19 23	0 28	14 24	0 49	11 33	1 17	5 57	1 56	23 29	0 17	4 36
T 22	12 3	27 48	5 5	0s15	2 10	19 8	0 31	14 37	0 50	11 36	1 18	5 54	1 56	23 28	0 17	4 36
W23	11 43	28 39	5 12	0 46	2 20	18 51	0 33	14 50	0 50	11 39	1 18	5 51	1 56	23 28	0 17	4 37
T 24	11 23	27 39	5 1	1 16	2 30	18 35	0 35	15 3	0 51	11 42	1 18	5 48	1 56	23 28	0 17	4 38
F 25	11 2	24 56	4 32	1 44	2 40	18 17	0 38	15 16	0 52	11 45	1 18	5 45	1 56	23 28	0 17	4 38
S 26	10 42	20 49	3 47	2 10	2 50	17 59	0 40	15 29	0 52	11 47	1 18	5 43	1 56	23 28	0 17	4 39
S 27	10 21	15 41	2 51	2 35	2 59	17 41	0 42	15 42	0 53	11 50	1 18	5 40	1 56	23 28	0 17	4 40
M28	10 0	9 55	1 46	2 59	3 9	17 22	0 45	15 54	0 54	11 53	1 18	5 37	1 56	23 28	0 17	4 41
T 29	9 39	3 52	0 37	3 20	3 18	17 3	0 47	16 7	0 54	11 56	1 18	5 34	1 56	23 27	0 17	4 41
W30	9 18	2n13	0n33	3 40	3 26	16 43	0 49	16 19	0 55	11 59	1 18	5 31	1 56	23 27	0 17	4 42
T 31	8n56	8n 5	1n39	3s57	3s35	16n22	0n51	16s32	0s56	12s 2	1s18	5n28	1n56	23n27	0n17	4s43

Julian Day Number = 2433494.5, Delta T = 29.16 sec
 Ecliptic obliquity = 23°26'54", Nutation = 0°00'01", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°03'00", Lahiri = 23°10'01"

ASTRODIENST EPHEMERIS for the year 1950

geocentric

SEPTEMBER 1950

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 38 21	7 ^h 59 ^m 24 ^s	28 ^h 50 ^m	1 ^h 59 ^m	18 ^h 50 ^m	13 ^h 19 ^m	1 ^h 44 ^m	20 ^h 48 ^m	8 ^h 37 ^m	15 ^h 41 ^m	18 ^h 28 ^m	28 ^h 26 ^m	29 ^h 15 ^m	25 ^h 49 ^m	15 ^h 45 ^m	F 1
S 2	22 42 18	8 ^h 57 ^m 27 ^s	10 ^h 49 ^m	2 ^h 14 ^m	20 ^h 4 ^m	13 ^h 58 ^m	1 ^h 36 ^m	20 ^h 56 ^m	8 ^h 40 ^m	15 ^h 43 ^m	18 ^h 29 ^m	28 ^h 28 ^m	29 ^h 12 ^m	25 ^h 55 ^m	15 ^h 46 ^m	S 2
S 3	22 46 14	9 ^h 55 ^m 33 ^s	22 ^h 43 ^m	2 ^h 22 ^m	21 ^h 18 ^m	14 ^h 37 ^m	1 ^h 29 ^m	21 ^h 3 ^m	8 ^h 42 ^m	15 ^h 45 ^m	18 ^h 31 ^m	28 ^h 29 ^m	29 ^h 8 ^m	26 ^h 2 ^m	15 ^h 47 ^m	S 3
M 4	22 50 11	10 ^h 53 ^m 40 ^s	4 ^h 11 ^m 34 ^s	2 ^h 25 ^m	22 ^h 31 ^m	15 ^h 16 ^m	1 ^h 21 ^m	21 ^h 10 ^m	8 ^h 44 ^m	15 ^h 47 ^m	18 ^h 33 ^m	28 ^h 30 ^m	29 ^h 5 ^m	26 ^h 9 ^m	15 ^h 49 ^m	M 4
T 5	22 54 7	11 ^h 51 ^m 50 ^s	16 ^h 29 ^m	2 ^h 22 ^m	23 ^h 45 ^m	15 ^h 56 ^m	1 ^h 13 ^m	21 ^h 18 ^m	8 ^h 46 ^m	15 ^h 49 ^m	18 ^h 35 ^m	28 ^h R30	29 ^h 2 ^m	26 ^h 15 ^m	15 ^h 50 ^m	T 5
W 6	22 58 4	12 ^h 50 ^m 01 ^s	28 ^h 32 ^m	2 ^h 13 ^m	24 ^h 59 ^m	16 ^h 35 ^m	1 ^h 6 ^m	21 ^h 25 ^m	8 ^h 48 ^m	15 ^h 51 ^m	18 ^h 36 ^m	28 ^h 29 ^m	28 ^h 59 ^m	26 ^h 22 ^m	15 ^h 52 ^m	W 6
T 7	23 2 1	13 ^h 48 ^m 14 ^s	10 ^h 54 ^m 7 ^s	1 ^h 58 ^m	26 ^h 13 ^m	17 ^h 15 ^m	0 ^h 58 ^m	21 ^h 33 ^m	8 ^h 50 ^m	15 ^h 53 ^m	18 ^h 38 ^m	28 ^h 28 ^m	28 ^h 56 ^m	26 ^h 29 ^m	15 ^h 54 ^m	T 7
F 8	23 5 57	14 ^h 46 ^m 30 ^s	23 ^h 19 ^m	1 ^h 36 ^m	27 ^h 27 ^m	17 ^h 54 ^m	0 ^h 51 ^m	21 ^h 40 ^m	8 ^h 52 ^m	15 ^h 55 ^m	18 ^h 40 ^m	28 ^h 26 ^m	28 ^h 53 ^m	26 ^h 35 ^m	15 ^h 55 ^m	F 8
S 9	23 9 54	15 ^h 44 ^m 47 ^s	6 ^h 10 ^m 10 ^s	1 ^h 7 ^m	28 ^h 41 ^m	18 ^h 34 ^m	0 ^h 43 ^m	21 ^h 48 ^m	8 ^h 54 ^m	15 ^h 57 ^m	18 ^h 41 ^m	28 ^h 25 ^m	28 ^h 49 ^m	26 ^h 42 ^m	15 ^h 57 ^m	S 9
S 10	23 13 50	16 ^h 43 ^m 06 ^s	19 ^h 21 ^m	0 ^h 32 ^m	29 ^h 55 ^m	19 ^h 14 ^m	0 ^h 36 ^m	21 ^h 55 ^m	8 ^h 56 ^m	15 ^h 59 ^m	18 ^h 43 ^m	28 ^h 23 ^m	28 ^h 46 ^m	26 ^h 49 ^m	15 ^h 59 ^m	S 10
M11	23 17 47	17 ^h 41 ^m 28 ^s	2 ^h 11 ^m 54 ^s	29 ^h 51 ^m	1 ^h 11 ^m 9 ^s	19 ^h 54 ^m	0 ^h 29 ^m	22 ^h 3 ^m	8 ^h 57 ^m	16 ^h 1 ^m	18 ^h 45 ^m	28 ^h 22 ^m	28 ^h 43 ^m	26 ^h 56 ^m	16 ^h 1 ^m	M11
T 12	23 21 43	18 ^h 39 ^m 51 ^s	16 ^h 46 ^m	29 ^h 5 ^m	2 ^h 23 ^m	20 ^h 34 ^m	0 ^h 22 ^m	22 ^h 10 ^m	8 ^h 59 ^m	16 ^h 3 ^m	18 ^h 46 ^m	28 ^h 21 ^m	28 ^h 40 ^m	27 ^h 2 ^m	16 ^h 4 ^m	T 12
W13	23 25 40	19 ^h 38 ^m 16 ^s	0 ^h 55 ^m	28 ^h 13 ^m	3 ^h 37 ^m	21 ^h 15 ^m	0 ^h 14 ^m	22 ^h 18 ^m	9 ^h 1 ^m	16 ^h 5 ^m	18 ^h 48 ^m	28 ^h D21	28 ^h 37 ^m	27 ^h 9 ^m	16 ^h 6 ^m	W13
T 14	23 29 36	20 ^h 36 ^m 42 ^s	15 ^h 16 ^m	27 ^h 16 ^m	4 ^h 52 ^m	21 ^h 55 ^m	0 ^h 8 ^m	22 ^h 25 ^m	9 ^h 3 ^m	16 ^h 7 ^m	18 ^h 50 ^m	28 ^h 21 ^m	28 ^h 33 ^m	27 ^h 16 ^m	16 ^h 8 ^m	T 14
F 15	23 33 33	21 ^h 35 ^m 11 ^s	29 ^h 44 ^m	26 ^h 17 ^m	6 ^h 6 ^m	22 ^h 35 ^m	0 ^h 1 ^m	22 ^h 33 ^m	9 ^h 4 ^m	16 ^h 9 ^m	18 ^h 51 ^m	28 ^h 22 ^m	28 ^h 30 ^m	27 ^h 22 ^m	16 ^h 11 ^m	F 15
S 16	23 37 29	22 ^h 33 ^m 41 ^s	14 ^h 11 ^m 14 ^s	25 ^h 15 ^m	7 ^h 20 ^m	23 ^h 16 ^m	29 ^h 54 ^m	22 ^h 40 ^m	9 ^h 6 ^m	16 ^h 11 ^m	18 ^h 53 ^m	28 ^h 22 ^m	28 ^h 27 ^m	27 ^h 29 ^m	16 ^h 13 ^m	S 16
S 17	23 41 26	23 ^h 32 ^m 13 ^s	28 ^h 41 ^m	24 ^h 12 ^m	8 ^h 34 ^m	23 ^h 57 ^m	29 ^h 47 ^m	22 ^h 47 ^m	9 ^h 7 ^m	16 ^h 13 ^m	18 ^h 54 ^m	28 ^h 23 ^m	28 ^h 24 ^m	27 ^h 36 ^m	16 ^h 16 ^m	S 17
M18	23 45 23	24 ^h 30 ^m 46 ^s	13 ^h 1 ^m	23 ^h 9 ^m	9 ^h 49 ^m	24 ^h 37 ^m	29 ^h 41 ^m	22 ^h 55 ^m	9 ^h 9 ^m	16 ^h 15 ^m	18 ^h 56 ^m	28 ^h 23 ^m	28 ^h 21 ^m	27 ^h 42 ^m	16 ^h 18 ^m	M18
T 19	23 49 19	25 ^h 29 ^m 21 ^s	27 ^h 11 ^m	22 ^h 9 ^m	11 ^h 3 ^m	25 ^h 18 ^m	29 ^h 34 ^m	23 ^h 2 ^m	9 ^h 10 ^m	16 ^h 17 ^m	18 ^h 58 ^m	28 ^h R23	28 ^h 18 ^m	27 ^h 49 ^m	16 ^h 21 ^m	T 19
W20	23 53 16	26 ^h 27 ^m 58 ^s	11 ^h 3 ^m 9 ^s	21 ^h 12 ^m	12 ^h 17 ^m	25 ^h 59 ^m	29 ^h 28 ^m	23 ^h 10 ^m	9 ^h 12 ^m	16 ^h 19 ^m	18 ^h 59 ^m	28 ^h 23 ^m	28 ^h 14 ^m	27 ^h 56 ^m	16 ^h 24 ^m	W20
T 21	23 57 12	27 ^h 26 ^m 37 ^s	24 ^h 54 ^m	20 ^h 20 ^m	13 ^h 32 ^m	26 ^h 40 ^m	29 ^h 22 ^m	23 ^h 17 ^m	9 ^h 13 ^m	16 ^h 22 ^m	19 ^h 1 ^m	28 ^h 23 ^m	28 ^h 11 ^m	28 ^h 3 ^m	16 ^h 27 ^m	T 21
F 22	0 1 9	28 ^h 25 ^m 17 ^s	8 ^h 26 ^m	19 ^h 35 ^m	14 ^h 46 ^m	27 ^h 22 ^m	29 ^h 16 ^m	23 ^h 25 ^m	9 ^h 14 ^m	16 ^h 24 ^m	19 ^h 2 ^m	28 ^h D23	28 ^h 8 ^m	28 ^h 9 ^m	16 ^h 30 ^m	F 22
S 23	0 5 5	29 ^h 23 ^m 58 ^s	21 ^h 44 ^m	18 ^h 57 ^m	16 ^h 1 ^m	28 ^h 3 ^m	29 ^h 10 ^m	23 ^h 32 ^m	9 ^h 15 ^m	16 ^h 26 ^m	19 ^h 4 ^m	28 ^h 23 ^m	28 ^h 5 ^m	28 ^h 16 ^m	16 ^h 33 ^m	S 23
S 24	0 9 2	0 ^h 22 ^m 42 ^s	4 ^h 47 ^m	18 ^h 28 ^m	17 ^h 15 ^m	28 ^h 44 ^m	29 ^h 5 ^m	23 ^h 40 ^m	9 ^h 17 ^m	16 ^h 28 ^m	19 ^h 5 ^m	28 ^h 23 ^m	28 ^h 2 ^m	28 ^h 23 ^m	16 ^h 36 ^m	S 24
M25	0 12 58	1 ^h 21 ^m 27 ^s	17 ^h 38 ^m	18 ^h 8 ^m	18 ^h 30 ^m	29 ^h 26 ^m	28 ^h 59 ^m	23 ^h 47 ^m	9 ^h 18 ^m	16 ^h 30 ^m	19 ^h 7 ^m	28 ^h 23 ^m	27 ^h 58 ^m	28 ^h 29 ^m	16 ^h 40 ^m	M25
T 26	0 16 55	2 ^h 20 ^m 14 ^s	0 ^h 15 ^m	17 ^h D58	19 ^h 44 ^m	0 ^h 1 ^m 7 ^s	28 ^h 54 ^m	23 ^h 55 ^m	9 ^h 19 ^m	16 ^h 32 ^m	19 ^h 8 ^m	28 ^h R23	27 ^h 55 ^m	28 ^h 36 ^m	16 ^h 43 ^m	T 26
W27	0 20 52	3 ^h 19 ^m 03 ^s	12 ^h 40 ^m	17 ^h 58 ^m	20 ^h 59 ^m	0 ^h 49 ^m	28 ^h 48 ^m	24 ^h 2 ^m	9 ^h 20 ^m	16 ^h 35 ^m	19 ^h 9 ^m	28 ^h 23 ^m	27 ^h 52 ^m	28 ^h 43 ^m	16 ^h 46 ^m	W27
T 28	0 24 48	4 ^h 17 ^m 55 ^s	24 ^h 53 ^m	18 ^h 8 ^m	22 ^h 13 ^m	1 ^h 31 ^m	28 ^h 43 ^m	24 ^h 10 ^m	9 ^h 21 ^m	16 ^h 37 ^m	19 ^h 11 ^m	28 ^h 23 ^m	27 ^h 49 ^m	28 ^h 50 ^m	16 ^h 50 ^m	T 28
F 29	0 28 45	5 ^h 16 ^m 48 ^s	6 ^h 57 ^m	18 ^h 28 ^m	23 ^h 28 ^m	2 ^h 13 ^m	28 ^h 38 ^m	24 ^h 17 ^m	9 ^h 22 ^m	16 ^h 39 ^m	19 ^h 12 ^m	28 ^h 22 ^m	27 ^h 46 ^m	28 ^h 56 ^m	16 ^h 53 ^m	F 29
S 30	0 32 41	6 ^h 15 ^m 43 ^s	18 ^h 54 ^m	18 ^h 58 ^m	24 ^h 43 ^m	2 ^h 15 ^m 55 ^s	28 ^h 34 ^m	24 ^h 11 ^m 24 ^s	9 ^h 23 ^m	16 ^h 41 ^m	19 ^h 14 ^m	28 ^h 21 ^m	27 ^h 43 ^m	29 ^h 3 ^m	16 ^h 57 ^m	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	8n35	13n33	2n40	4s12	3s43	16n 1	0n53	16s44	0s56	12s 5	1s18	5n25	1n56	23n27	0n17	4s43	1n35	22n59	8n 6	0s37	0s18	23n23	17s 7	5n36			
S 2	8 13	18 27	3 33	4 24	3 50	15 40	0 55	16 56	0 57	12 8	1 18	5 22	1 56	23 27	0 17	4 44	1 34	22 59	8 6	0 37	0 19	23 25	17 7	5 36			
S 3	7 51	22 35	4 16	4 34	3 57	15 18	0 57	17 9	0 57	12 10	1 18	5 19	1 56	23 27	0 17	4 45	1 34	22 59	8 6	0 36	0 21	23 28	17 8	5 35			
M 4	7 29	25 47	4 49	4 40	4 3	14 56	0 59	17 21	0 58	12 13	1 19	5 17	1 56	23 27	0 17	4 46	1 34	22 58	8 7	0 36	0 22	23 30	17 8	5 35			
T 5	7 7	27 53	5 9	4 44	4 8	14 34	1 1	17 33	0 59	12 16	1 19	5 14	1 56	23 27	0 17	4 46	1 34	22 58	8 7	0 36	0 23	23 32	17 9	5 35			
W 6	6 45	28 42	5 16	4 44	4 12	14 11	1 2	17 45	0 59	12 19	1 19	5 11	1 56	23 27	0 17	4 47	1 34	22 57	8 7	0 36	0 24	23 34	17 9	5 34			
T 7	6 22	28 8	5 9	4 40	4 15	13 47	1 4	17 57	1 0	12 22	1 19	5 8	1 56	23 26	0 17	4 48	1 34	22 57	8 7	0 37	0 26	23 36	17 10	5 34			
F 8	6 0	26 8	4 47	4 33	4 16	13 24	1 6	18 8	1 0	12 24	1 19	5 5	1 56	23 26	0 17	4 49	1 34	22 57	8 7	0 37	0 27	23 38	17 11	5 33			
S 9	5 37	22 46	4 10	4 22	4 16	12 59	1 7	18 20	1 1	12 27	1 19	5 2	1 56	23 26	0 17	4 50	1 34	22 56	8 7	0 38	0 28	23 40	17 11	5 33			
S 10	5 15	18 11	3 19	4 7	4 15	12 35	1 9	18 31	1 1	12 29	1 19	4 59	1 56	23 26	0 17	4 50	1 34	22 56	8 8	0 39	0 29	23 42	17 12	5 33			
M11	4 52	12 34	2 16	3 48	4 12	12 10	1 10	18 43	1 2	12 32	1 19	4 56	1 56	23 26	0 17	4 51	1 34	22 55	8 8	0 39	0 31	23 44	17 12	5 32			
T 12	4 29	6 12	1 4	3 25	4 7	11 45	1 12	18 54	1 2	12 35	1 19	4 53	1 56	23 26	0 17	4 52	1 34	22 55	8 8	0 39	0 32	23 46	17 13	5 32			
W13	4 6	0s35	0s14	2 58	4 1	11 19	1 13	19 5	1 3	12 37	1 19	4 50	1 56	23 26	0 17	4 53	1 34	22 55	8 8	0 39	0 33	23 48	17 14	5 31			
T 14	3 43	7 26	1 32	2 28	3 52	10 53	1 15	19 16	1 3	12 39	1 19	4 47	1 56	23 26	0 17	4 53	1 34	22 54	8 8	0 39	0 34	23 50	17 14	5 31			
F 15	3 20	13 57	2 45	1 55	3 42	10 27	1 16	19 27	1 4	12 42	1 19	4 44	1 56	23 26	0 17	4 54	1 34	22 54	8 9	0 39	0 36	23 52	17 15	5 31			
S 16	2 57	19 44	3 48	1 19	3 29	10 1	1 17	19 38	1 4	12 44	1 19	4 41	1 56	23 26	0 17	4 55	1 34	22 54	8 9	0 39	0 37	23 54	17 15	5 30			
S 17	2 34	24 21	4 36	0 41	3 15	9 34	1 18	19 49	1 5	12 47	1 19	4 39	1 56	23 25	0 17	4 56	1 34	22 53	8 9	0 39	0 38	23 56	17 16	5 30			
M18	2 11	27 25	5 6	0 2	2 59	9 7	1 19	19 59	1 5	12 49	1 18	4 36	1 56	23 25	0 17	4 57	1 34	22 53	8 9	0 39	0 40	23 58	17 17	5 30			
T 19	1 48	28 42	5 17	0n38	2 42	8 40	1 20	20 10	1 6	12 51	1 18	4 33	1 56	23 25	0 17	4 58	1 34	22 53	8 9	0 39	0 41	24 0	17 17	5 29			
W20	1 24	28 7	5 9	1 17	2 24	8 12	1 21	20 20	1 7	12 53	1 18	4 30	1 56	23 25	0 18	4 58	1 34	22 52	8 10	0 39	0 42	24 2	17 18	5 29			
T 21	1 1	25 48	4 44	1 55	2 4	7 44	1 22	20 30	1 6	12 55	1 18	4 27	1 56	23 25	0 18	4 59	1 34	22 52	8 10	0 39	0 43	24 4	17 19	5 28			
F 22	0 38	22 4	4 3	2 31	1 44	7 16	1 23	20 40	1 7	12 57	1 18	4 24	1 57	23 25	0 18	5 0	1 34	22 52	8 10	0 39	0 45	24 6	17 19	5 28			
S 23	0 14	17 16	3 10	3 5	1 24	6 48	1 23	20 50	1 8	12 59	1 18	4 21	1 57	23 25	0 18	5 1	1 34	22 52	8 10	0 39	0 46	24 8	17 20	5 28			
S 24	0s 9	11 44	2 7	3 35	1 4	6 20	1 24	21 0	1 8	13 1	1 18	4 18	1 57	23 25	0 18	5 2	1 34	22 51	8 10	0 39	0 47	24 10	17 21	5 27			
M25	0 32	5 48	0 59	4 0	0 45	5 51	1 25	21 9	1 8	13 3	1 18	4 15	1 57	23 25	0 18	5 3	1 34	22 51	8 11	0 39	0 48	24 12	17 21	5 27			
T 26	0 56	0n15	0n10	4 22	0 26	5 22	1 25	21 18	1 9	13 5	1 18	4 12	1 57	23 25	0 18	5 3	1 34	22 51	8 11	0 39	0 50	24 14	17 22	5 27			
W27	1 19	6 12	1 18	4 39	0 7	4 53	1 26	21 27	1 9	13 7	1 18	4 9	1 57	23 25	0 18	5 4	1 34	22 51	8 11	0 39	0 51	24 16	17 23	5 26			
T 28	1 43	11 50	2 22	4 51	0n10	4 24	1 26	21 36	1 10	13 8	1 18	4 7	1 57	23 25	0 18	5 5	1 34	22 50	8 11	0 39	0 52	24 18	17 23	5 26			
F 29	2 6	16 57	3 18	4 58	0 26	3 55	1 27	21 45	1 10	13 10	1 18	4 4	1 57	23 25	0 18	5 6	1 34	22 50	8 12	0 39	0 53	24 20	17 24	5 26			
S 30	2s29	21n22	4n 5	5n 0	0n41	3n26	1n27	21s54	1s10	13s12	1s18	4n 1	1n57	23n25	0n18	5s 7	1n34	22n50	8n12	0s39	0s55	24n22	17s25	5n25			

ASTRODIENST EPHEMERIS for the year 1950

geocentric

OCTOBER 1950

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 36 38	7♂14'41	0♂46	19♂37	25♂58	3♂37	28°R29	24♂32	9♂23	16♂43	19♂15	28°R20	27♂39	29♂10	17♂1	S 1
M 2	0 40 34	8°13'41	12°37	20°25	27°12	4°19	28♂25	24°39	9°24	16°46	19°16	28♂18	27°36	29°16	17° 5	M 2
T 3	0 44 31	9°12'43	24°31	21°21	28°27	5° 1	28°20	24°47	9°25	16°48	19°18	28°18	27°33	29°23	17° 8	T 3
W 4	0 48 27	10°11'48	6♂32	22°24	29°42	5°43	28°16	24°54	9°26	16°50	19°19	28°D17	27°30	29°30	17°12	W 4
T 5	0 52 24	11°10'55	18°45	23°34	0♂57	6°26	28°12	25° 1	9°26	16°52	19°20	28°17	27°27	29°36	17°16	T 5
F 6	0 56 21	12°10'04	1♂14	24°49	2°11	7° 8	28° 9	25° 8	9°27	16°54	19°21	28°18	27°24	29°43	17°21	F 6
S 7	1 0 17	13° 9'16	14° 3	26°10	3°26	7°51	28° 5	25°16	9°27	16°57	19°23	28°19	27°20	29°50	17°25	S 7
S 8	1 4 14	14° 8'29	27°15	27°35	4°41	8°34	28° 2	25°23	9°28	16°59	19°24	28°20	27°17	29°57	17°29	S 8
M 9	1 8 10	15° 7'45	10♂53	29° 4	5°56	9°16	27°59	25°30	9°28	17° 1	19°25	28°21	27°14	0♂13	17°33	M 9
T 10	1 12 7	16° 7'03	24°56	0♂36	7°11	9°59	27°56	25°37	9°28	17° 3	19°26	28°R22	27°11	0°10	17°38	T 10
W 11	1 16 3	17° 6'24	9♂22	2°11	8°26	10°42	27°53	25°45	9°29	17° 6	19°27	28°22	27° 8	0°17	17°42	W 11
T 12	1 20 0	18° 5'46	24° 6	3°48	9°41	11°25	27°51	25°52	9°29	17° 8	19°28	28°20	27° 4	0°23	17°47	T 12
F 13	1 23 56	19° 5'10	9♂1	5°27	10°56	12° 9	27°48	25°59	9°29	17°10	19°29	28°18	27° 1	0°30	17°51	F 13
S 14	1 27 53	20° 4'37	23°58	7° 7	12°11	12°52	27°46	26° 6	9°29	17°12	19°31	28°15	26°58	0°37	17°56	S 14
S 15	1 31 50	21° 4'05	8♂49	8°49	13°26	13°35	27°44	26°13	9°29	17°15	19°32	28°12	26°55	0°44	18° 1	S 15
M 16	1 35 46	22° 3'35	23°26	10°31	14°41	14°19	27°42	26°20	9°R29	17°17	19°33	28°10	26°52	0°50	18° 5	M 16
T 17	1 39 43	23° 3'07	7♂46	12°13	15°56	15° 2	27°41	26°27	9°29	17°19	19°34	28° 8	26°49	0°57	18°10	T 17
W 18	1 43 39	24° 2'41	21°45	13°56	17°11	15°46	27°39	26°34	9°29	17°21	19°35	28°D 7	26°45	1° 4	18°15	W 18
T 19	1 47 36	25° 2'16	5♂23	15°39	18°26	16°29	27°38	26°41	9°29	17°23	19°36	28° 7	26°42	1°10	18°20	T 19
F 20	1 51 32	26° 1'53	18°41	17°22	19°41	17°13	27°37	26°48	9°29	17°26	19°36	28° 9	26°39	1°17	18°25	F 20
S 21	1 55 29	27° 1'32	1♂40	19° 5	20°56	17°57	27°36	26°55	9°29	17°28	19°37	28°10	26°36	1°24	18°30	S 21
S 22	1 59 25	28° 1'12	14°24	20°48	22°12	18°41	27°36	27° 1	9°28	17°30	19°38	28°12	26°33	1°30	18°35	S 22
M 23	2 3 22	29° 0'54	26°55	22°30	23°27	19°25	27°35	27° 8	9°28	17°32	19°39	28°R13	26°30	1°37	18°41	M 23
T 24	2 7 19	0♂1 0'38	9°Y15	24°12	24°42	20° 9	27°D35	27°15	9°28	17°35	19°40	28°12	26°26	1°44	18°46	T 24
W 25	2 11 15	1° 0'24	21°25	25°54	25°57	20°53	27°35	27°22	9°27	17°37	19°41	28°10	26°23	1°51	18°51	W 25
T 26	2 15 12	2° 0'12	3♂29	27°35	27°12	21°37	27°36	27°28	9°27	17°39	19°41	28° 6	26°20	1°57	18°57	T 26
F 27	2 19 8	3° 0'01	15°27	29°16	28°27	22°21	27°36	27°35	9°26	17°41	19°42	28° 0	26°17	2° 4	19° 2	F 27
S 28	2 23 5	3°59'53	27°21	0♂56	29°43	23° 5	27°37	27°41	9°26	17°43	19°43	27°54	26°14	2°11	19° 7	S 28
S 29	2 27 1	4°59'47	9♂12	2°36	0♂58	23°50	27°38	27°48	9°25	17°45	19°44	27°47	26°10	2°17	19°13	S 29
M 30	2 30 58	5°59'43	21° 3	4°15	2°13	24°34	27°39	27°54	9°24	17°48	19°44	27°40	26° 7	2°24	19°19	M 30
T 31	2 34 54	6♂59'41	2♂57	5♂54	3♂28	25♂19	27♂40	28♂1	9♂23	17♂50	19♂45	27♂34	26♂4	2♂31	19♂24	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2s53	24n54	4n41	4n57	0n54	2n56	1n27	22s 2	1s11	13s13	1s18	3n58	1n57	23n25	0n18	5s 8	S 1
M 2	3 16	27 21	5 5	4 49	1 6	2 27	1 27	22 11	1 11	13 14	1 17	3 55	1 57	23 25	0 18	5 8	M 2
T 3	3 39	28 35	5 16	4 37	1 17	1 57	1 27	22 19	1 11	13 16	1 17	3 52	1 57	23 25	0 18	5 9	T 3
W 4	4 2	28 30	5 13	4 21	1 27	1 27	1 27	22 27	1 12	13 17	1 17	3 50	1 57	23 25	0 18	5 10	W 4
T 5	4 26	27 2	4 56	4 0	1 35	0 57	1 27	22 35	1 12	13 18	1 17	3 47	1 58	23 25	0 18	5 11	T 5
F 6	4 49	24 13	4 26	3 37	1 41	0 28	1 27	22 42	1 13	13 20	1 17	3 44	1 58	23 25	0 18	5 12	F 6
S 7	5 12	20 9	3 41	3 10	1 47	0s 2	1 27	22 49	1 13	13 21	1 17	3 41	1 58	23 25	0 18	5 13	S 7
S 8	5 35	14 59	2 44	2 40	1 51	0 32	1 27	22 57	1 13	13 22	1 17	3 38	1 58	23 25	0 18	5 14	S 8
M 9	5 58	8 57	1 35	2 7	1 54	1 2	1 26	23 4	1 13	13 23	1 17	3 36	1 58	23 25	0 18	5 14	M 9
T 10	6 21	2 18	0 19	1 32	1 56	1 32	1 26	23 10	1 14	13 24	1 16	3 33	1 58	23 25	0 18	5 15	T 10
W 11	6 43	4s38	1s 0	0 56	1 58	2 2	1 25	23 17	1 14	13 24	1 16	3 30	1 58	23 25	0 18	5 16	W 11
T 12	7 6	11 29	2 17	0 18	1 58	2 32	1 25	23 23	1 14	13 25	1 16	3 27	1 58	23 25	0 18	5 17	T 12
F 13	7 29	17 45	3 25	0s22	1 58	3 2	1 24	23 29	1 15	13 26	1 16	3 25	1 58	23 25	0 18	5 18	F 13
S 14	7 51	22 58	4 20	1 3	1 56	3 32	1 24	23 35	1 15	13 26	1 16	3 22	1 59	23 25	0 18	5 19	S 14
S 15	8 13	26 39	4 56	1 44	1 54	4 2	1 23	23 41	1 15	13 27	1 16	3 19	1 59	23 25	0 18	5 19	S 15
M 16	8 36	28 30	5 13	2 27	1 52	4 32	1 22	23 46	1 15	13 27	1 16	3 16	1 59	23 25	0 18	5 20	M 16
T 17	8 58	28 22	5 10	3 10	1 49	5 1	1 21	23 52	1 16	13 28	1 15	3 14	1 59	23 25	0 18	5 21	T 17
W 18	9 20	26 26	4 48	3 53	1 45	5 31	1 20	23 57	1 16	13 28	1 15	3 11	1 59	23 25	0 18	5 22	W 18
T 19	9 42	22 58	4 10	4 36	1 41	6 0	1 19	24 1	1 16	13 28	1 15	3 9	1 59	23 25	0 18	5 23	T 19
F 20	10 3	18 24	3 20	5 20	1 37	6 30	1 18	24 6	1 16	13 29	1 15	3 6	1 59	23 25	0 18	5 24	F 20
S 21	10 25	13 4	2 20	6 3	1 32	6 59	1 17	24 10	1 16	13 29	1 15	3 3	1 59	23 25	0 18	5 25	S 21
S 22	10 46	7 18	1 15	6 47	1 27	7 28	1 16	24 14	1 17	13 29	1 15	3 1	2 0	23 25	0 18	5 25	S 22
M 23	11 8	1 20	0 7	7 30	1 21	7 57	1 15	24 18	1 17	13 29	1 15	2 58	2 0	23 25	0 18	5 26	M 23
T 24	11 29	4n35	1n 0	8 13	1 16	8 26	1 14	24 22	1 17	13 29	1 14	2 56	2 0	23 25	0 18	5 27	T 24
W 25	11 50	10 16	2 3	8 55	1 10	8 54	1 12	24 25	1 17	13 29	1 14	2 53	2 0	23 25	0 18	5 28	W 25
T 26	12 10	15 30	3 0	9 37	1 4	9 23	1 11	24 28	1 17	13 28	1 14	2 51	2 0	23 25	0 18	5 29	T 26
F 27	12 31	20 7	3 49	10 19	0 58	9 51	1 10	24 31	1 17	13 28	1 14	2 48	2 0	23 25	0 18	5 29	F 27
S 28	12 51	23 54	4 27	11 0	0 51	10 19	1 8	24 34	1 18	13 28	1 14	2 46	2 0	23 25	0 18	5 30	S 28
S 29	13 12	26 40	4 54	11 40	0 45	10 46	1 7	24 36	1 18	13 27	1 14	2 43	2 1	23 25	0 18	5 31	S 29
M 30	13 31	28 16	5 8	12 20	0 39	11 14	1 5	24 38	1 18	13 27	1 13	2 41	2 1	23 25	0 19	5 32	M 30
T 31	13s51	28n33	5n 8	12s59	0n32	11s41	1n 4	24s40	1s18	13s26	1s13	2n38	2n 1	23n25	0n19	5s33	T 31

Julian Day Number = 2433555.5, Delta T = 29.22 sec
 Ecliptic obliquity = 23°26'54", Nutation = - 0°00'00", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°03'09", Lahiri = 23°10'09"

ASTRODIENST EPHEMERIS for the year 1950
geocentric

NOVEMBER 1950

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 38 51	7♏59°41	14♊57	7♏32	4♏44	26♏3	27♏41	28♏7	9°R23	17♏52	19♏45	27°R29	26♏1	2♏38	19♏30	W 1
T 2	2 42 48	8°59'44	27° 7	9°10	5°59	26°48	27°43	28°13	9°22	17°54	19°46	27°R27	25°58	2°44	19°36	T 2
F 3	2 46 44	9°59'48	9♏31	10°48	7°14	27°33	27°45	28°20	9°21	17°56	19°47	27°D26	25°55	2°51	19°41	F 3
S 4	2 50 41	10°59'54	22°13	12°25	8°29	28°18	27°47	28°26	9°20	17°58	19°47	27°26	25°51	2°58	19°47	S 4
S 5	2 54 37	12° 0'03	5♏19	14° 2	9°45	29° 3	27°49	28°32	9°19	18° 0	19°48	27°28	25°48	3° 4	19°53	S 5
M 6	2 58 34	13° 0'14	18°51	15°38	11° 0	29°47	27°52	28°38	9°18	18° 2	19°48	27°29	25°45	3°11	19°59	M 6
T 7	3 2 30	14° 0'26	2♏52	17°14	12°15	0♏33	27°54	28°44	9°17	18° 4	19°49	27°R29	25°42	3°18	20° 5	T 7
W 8	3 6 27	15° 0'41	17°20	18°49	13°31	1°18	27°57	28°50	9°15	18° 6	19°49	27°27	25°39	3°25	20°11	W 8
T 9	3 10 23	16° 0'57	2♏12	20°24	14°46	2° 3	28° 0	28°56	9°14	18° 9	19°49	27°23	25°35	3°31	20°17	T 9
F 10	3 14 20	17° 1'16	17°22	21°59	16° 1	2°48	28° 3	29° 2	9°13	18°11	19°50	27°17	25°32	3°38	20°23	F 10
S 11	3 18 17	18° 1'36	2♏38	23°33	17°17	3°33	28° 7	29° 8	9°12	18°13	19°50	27°10	25°29	3°45	20°29	S 11
S 12	3 22 13	19° 1'58	17°51	25° 7	18°32	4°19	28°11	29°13	9°10	18°15	19°50	27° 2	25°26	3°51	20°35	S 12
M13	3 26 10	20° 2'22	2♏50	26°41	19°47	5° 4	28°14	29°19	9° 9	18°17	19°51	26°54	25°23	3°58	20°41	M13
T 14	3 30 6	21° 2'47	17°26	28°15	21° 3	5°49	28°18	29°25	9° 8	18°18	19°51	26°48	25°20	4° 5	20°48	T 14
W15	3 34 3	22° 3'13	1♏36	29°48	22°18	6°35	28°23	29°30	9° 6	18°20	19°51	26°43	25°16	4°12	20°54	W15
T 16	3 37 59	23° 3'41	15°18	1♏21	23°34	7°21	28°27	29°36	9° 5	18°22	19°51	26°41	25°13	4°18	21° 0	T 16
F 17	3 41 56	24° 4'09	28°34	2°53	24°49	8° 6	28°32	29°41	9° 3	18°24	19°51	26°D41	25°10	4°25	21° 7	F 17
S 18	3 45 52	25° 4'39	11♏26	4°26	26° 4	8°52	28°36	29°46	9° 1	18°26	19°51	26°42	25° 7	4°32	21°13	S 18
S 19	3 49 49	26° 5'11	24° 0	5°58	27°20	9°38	28°41	29°51	9° 0	18°28	19°52	26°R43	25° 4	4°38	21°19	S 19
M20	3 53 46	27° 5'43	6♏18	7°30	28°35	10°23	28°46	29°57	8°58	18°30	19°52	26°42	25° 1	4°45	21°26	M20
T 21	3 57 42	28° 6'17	18°26	9° 1	29°50	11° 9	28°52	0♏2	8°56	18°32	19°52	26°40	24°57	4°52	21°32	T 21
W22	4 1 39	29° 6'52	0♏26	10°33	1♏6	11°55	28°57	0° 7	8°54	18°34	19°R52	26°35	24°54	4°59	21°39	W22
T 23	4 5 35	0♏728	12°22	12° 4	2°21	12°41	29° 3	0°12	8°53	18°35	19°52	26°27	24°51	5° 5	21°45	T 23
F 24	4 9 32	1° 8'06	24°15	13°35	3°37	13°27	29° 9	0°17	8°51	18°37	19°52	26°16	24°48	5°12	21°52	F 24
S 25	4 13 28	2° 8'45	6♏7	15° 6	4°52	14°13	29°15	0°21	8°49	18°39	19°52	26° 4	24°45	5°19	21°58	S 25
S 26	4 17 25	3° 9'26	17°59	16°36	6° 7	14°59	29°21	0°26	8°47	18°41	19°51	25°50	24°41	5°25	22° 5	S 26
M27	4 21 21	4°10'08	29°54	18° 7	7°23	15°45	29°27	0°31	8°45	18°42	19°51	25°37	24°38	5°32	22°11	M27
T 28	4 25 18	5°10'52	11♏51	19°37	8°38	16°31	29°34	0°35	8°43	18°44	19°51	25°25	24°35	5°39	22°18	T 28
W29	4 29 15	6°11'37	23°55	21° 6	9°54	17°18	29°40	0°40	8°41	18°46	19°51	25°16	24°32	5°46	22°25	W29
T 30	4 33 11	7♏12'23	6♏6	22♏35	11♏9	18♏4	29°47	0♏44	8°39	18°47	19°51	25♏9	24♏29	5♏52	22♏31	T 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s11	27n30	4n55	13s38	0n25	12s 8	1n 2	24s41	1s18	13s25	1s13	2n36	2n 1	23n26	0n19	5s33	1n34	22n48	8n21	1s 0	1s35	25n19	17s46	5n17
T 2	14 30	25 9	4 29	14 16	0 19	12 34	1 0	24 43	1 18	13 25	1 13	2 34	2 1	23 26	0 19	5 34	1 34	22 48	8 21	1 1	1 36	25 21	17 47	5 17
F 3	14 49	21 34	3 50	14 53	0 12	13 1	0 58	24 44	1 18	13 24	1 13	2 31	2 2	23 26	0 19	5 35	1 34	22 48	8 21	1 1	1 38	25 23	17 47	5 16
S 4	15 8	16 56	2 59	15 29	0 5	13 27	0 57	24 45	1 18	13 23	1 13	2 29	2 2	23 26	0 19	5 36	1 34	22 48	8 22	1 1	1 39	25 24	17 48	5 16
S 5	15 27	11 23	1 57	16 5	0s 2	13 52	0 55	24 45	1 18	13 22	1 12	2 27	2 2	23 26	0 19	5 37	1 34	22 48	8 22	1 1	1 40	25 26	17 49	5 16
M 6	15 45	5 8	0 47	16 40	0 8	14 18	0 53	24 45	1 19	13 21	1 12	2 25	2 2	23 26	0 19	5 37	1 34	22 48	8 22	1 0	1 41	25 28	17 49	5 16
T 7	16 3	1s35	0s29	17 13	0 15	14 43	0 51	24 45	1 19	13 20	1 12	2 22	2 2	23 26	0 19	5 38	1 35	22 49	8 22	1 0	1 43	25 29	17 50	5 16
W 8	16 21	8 25	1 45	17 47	0 22	15 7	0 49	24 45	1 19	13 19	1 12	2 20	2 2	23 26	0 19	5 39	1 35	22 49	8 23	1 1	1 44	25 31	17 50	5 16
T 9	16 38	14 59	2 56	18 19	0 28	15 31	0 47	24 45	1 19	13 18	1 12	2 18	2 3	23 26	0 19	5 40	1 35	22 49	8 23	1 2	1 45	25 33	17 51	5 15
F 10	16 56	20 47	3 55	18 50	0 35	15 55	0 45	24 44	1 19	13 16	1 12	2 16	2 3	23 26	0 19	5 40	1 35	22 49	8 23	1 5	1 46	25 34	17 51	5 15
S 11	17 12	25 15	4 39	19 20	0 41	16 19	0 43	24 43	1 19	13 15	1 11	2 14	2 3	23 27	0 19	5 41	1 35	22 49	8 24	1 8	1 48	25 36	17 52	5 15
S 12	17 29	27 54	5 2	19 49	0 48	16 42	0 41	24 41	1 19	13 14	1 11	2 12	2 3	23 27	0 19	5 42	1 35	22 49	8 24	1 11	1 49	25 38	17 52	5 15
M13	17 45	28 29	5 4	20 18	0 54	17 4	0 39	24 40	1 19	13 12	1 11	2 10	2 3	23 27	0 19	5 43	1 35	22 50	8 24	1 14	1 50	25 39	17 53	5 15
T 14	18 2	27 3	4 47	20 45	1 0	17 26	0 37	24 38	1 19	13 10	1 11	2 7	2 4	23 27	0 19	5 43	1 35	22 50	8 25	1 17	1 51	25 41	17 54	5 15
W15	18 17	23 54	4 12	21 12	1 6	17 48	0 34	24 36	1 19	13 9	1 11	2 5	2 4	23 27	0 19	5 44	1 35	22 50	8 25	1 18	1 53	25 42	17 54	5 15
T 16	18 33	19 29	3 23	21 37	1 12	18 9	0 32	24 33	1 19	13 7	1 11	2 3	2 4	23 27	0 19	5 45	1 35	22 50	8 25	1 19	1 54	25 44	17 55	5 15
F 17	18 48	14 14	2 25	22 1	1 18	18 30	0 30	24 31	1 19	13 5	1 10	2 2	2 4	23 27	0 19	5 45	1 35	22 51	8 26	1 19	1 55	25 46	17 55	5 15
S 18	19 3	8 31	1 21	22 24	1 23	18 50	0 28	24 28	1 19	13 4	1 10	2 0	2 4	23 27	0 19	5 46	1 35	22 51	8 26	1 19	1 57	25 47	17 56	5 15
S 19	19 17	2 36	0 15	22 46	1 29	19 9	0 26	24 24	1 19	13 2	1 10	1 58	2 5	23 28	0 19	5 47	1 35	22 51	8 26	1 18	1 58	25 49	17 56	5 14
M20	19 31	3n17	0n51	23 7	1 34	19 28	0 23	24 21	1 19	13 0	1 10	1 56	2 5	23 28	0 19	5 47	1 35	22 51	8 27	1 19	1 59	25 50	17 57	5 14
T 21	19 45	8 58	1 53	23 27	1 39	19 47	0 21	24 17	1 19	12 58	1 10	1 54	2 5	23 28	0 19	5 48	1 35	22 52	8 27	1 20	2 0	25 52	17 57	5 14
W22	19 58	14 16	2 49	23 45	1 44	20 5	0 19	24 13	1 19	12 56	1 10	1 52	2 5	23 28	0 19	5 49	1 35	22 52	8 27	1 22	2 2	25 53	17 57	5 14
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M27	20 59	28 27	5 0	25 0	2 5	21 26	0 7	23 49	1 18	12 44	1 9	1 44	2 6	23 29	0 19	5 52	1 35	22 54	8 29	1 45	2 8	26 1	18 0	5 14
T 28	21 10	27 43	4 49	25 10	2 8	21 41	0 4	23 43	1 18	12 42	1 9	1 42	2 7	23 29	0 19	5 52	1 35	22 54	8 29	1 49	2 9	26 3	18 0	5 14
W29	21 21	25 41	4 25	25 20	2 11	21 55	0 2	23 37	1 18	12 40	1 8	1 41	2 7	23 29	0 19	5 53	1 35	22 54	8 29	1 53	2 10	26 4	18 0	5 14
T 30	21s31	22n26	3n48	25s28	2s14	22s 8	0s 0	23s31	1s18	12s37	1 s 8	1n39	2n 7	23n29	0n19	5s54	1n35	22n55	8n30	1s56	2s12	26n 6	18s 1	5n14

ASTRODIENST EPHEMERIS for the year 1950
geocentric

DECEMBER 1950

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 37 8	8♂13'11	18♂29	24♂4	12♂24	18♂50	29♂54	0♂48	8♂37	18♂49	19♂50	25♂5	24♂26	5♂59	22♂38	F 1
S 2	4 41 4	9°14'00	1♂7	25°32	13°40	19°36	0♂1	0°53	8♂35	18°50	19♂50	25♂3	24°22	6°6	22°45	S 2
S 3	4 45 1	10°14'51	14°5	27°0	14°55	20°23	0°9	0°57	8°32	18°52	19°50	25°D 3	24°19	6°12	22°51	S 3
M 4	4 48 57	11°15'43	27°27	28°27	16°11	21°9	0°16	1°1	8°30	18°54	19°50	25°R 3	24°16	6°19	22°58	M 4
T 5	4 52 54	12°16'36	11♂16	29°53	17°26	21°56	0°24	1°5	8°28	18°55	19°49	25°2	24°13	6°26	23°5	T 5
W 6	4 56 50	13°17'31	25°33	1♂18	18°41	22°42	0°31	1°9	8°26	18°57	19°49	24°59	24°10	6°33	23°11	W 6
T 7	5 0 47	14°18'27	10♂17	2°43	19°57	23°29	0°39	1°12	8°24	18°58	19°48	24°53	24°7	6°39	23°18	T 7
F 8	5 4 44	15°19'24	25°22	4°6	21°12	24°15	0°47	1°16	8°21	18°59	19°48	24°45	24°3	6°46	23°25	F 8
S 9	5 8 40	16°20'23	10♂41	5°27	22°28	25°2	0°56	1°20	8°19	19°1	19°47	24°34	24°0	6°53	23°32	S 9
S 10	5 12 37	17°21'22	26°1	6°47	23°43	25°49	1°4	1°23	8°17	19°2	19°47	24°22	23°57	6°59	23°38	S 10
M 11	5 16 33	18°22'23	11♂11	8°5	24°59	26°35	1°13	1°27	8°14	19°4	19°46	24°11	23°54	7°6	23°45	M 11
T 12	5 20 30	19°23'24	26°1	9°20	26°14	27°22	1°21	1°30	8°12	19°5	19°46	24°1	23°51	7°13	23°52	T 12
W 13	5 24 26	20°24'25	10♂24	10°33	27°29	28°9	1°30	1°33	8°9	19°6	19°45	23°54	23°47	7°20	23°59	W 13
T 14	5 28 23	21°25'28	24°16	11°43	28°45	28°56	1°39	1°36	8°7	19°8	19°45	23°50	23°44	7°26	24°5	T 14
F 15	5 32 20	22°26'30	7♂39	12°49	0♂3	29°42	1°48	1°39	8°4	19°9	19°44	23°48	23°41	7°33	24°12	F 15
S 16	5 36 16	23°27'33	20°34	13°52	1°16	0♂29	1°57	1°42	8°2	19°10	19°43	23°47	23°38	7°40	24°19	S 16
S 17	5 40 13	24°28'36	3♂7	14°49	2°31	1°16	2°7	1°45	8°0	19°11	19°43	23°47	23°35	7°47	24°26	S 17
M 18	5 44 9	25°29'40	15°23	15°41	3°47	2°3	2°16	1°48	7°57	19°12	19°42	23°46	23°32	7°53	24°33	M 18
T 19	5 48 6	26°30'44	27°26	16°26	5°2	2°50	2°26	1°50	7°54	19°13	19°41	23°43	23°28	8°0	24°39	T 19
W 20	5 52 2	27°31'49	9♂21	17°5	6°17	3°37	2°35	1°53	7°52	19°14	19°40	23°37	23°25	8°7	24°46	W 20
T 21	5 55 59	28°32'54	21°12	17°35	7°33	4°24	2°45	1°55	7°49	19°16	19°40	23°29	23°22	8°13	24°53	T 21
F 22	5 59 55	29°33'59	3♂3	17°57	8°48	5°11	2°55	1°58	7°47	19°17	19°39	23°17	23°19	8°20	25°0	F 22
S 23	6 3 52	0♂35'04	14°56	18°9	10°3	5°58	3°5	2°0	7°44	19°18	19°38	23°3	23°16	8°27	25°6	S 23
S 24	6 7 49	1°36'11	26°51	18°R 10	11°19	6°45	3°16	2°2	7°42	19°19	19°37	22°48	23°13	8°34	25°13	S 24
M 25	6 11 45	2°37'17	8♂52	18°0	12°34	7°32	3°26	2°4	7°39	19°19	19°36	22°33	23°9	8°40	25°20	M 25
T 26	6 15 42	3°38'24	20°59	17°38	13°50	8°19	3°36	2°6	7°37	19°20	19°35	22°20	23°6	8°47	25°26	T 26
W 27	6 19 38	4°39'31	3♂12	17°5	15°5	9°6	3°47	2°8	7°34	19°21	19°34	22°9	23°3	8°54	25°33	W 27
T 28	6 23 35	5°40'38	15°33	16°19	16°20	9°53	3°58	2°9	7°31	19°22	19°33	22°1	23°0	9°0	25°40	T 28
F 29	6 27 31	6°41'46	28°4	15°24	17°36	10°40	4°8	2°11	7°29	19°23	19°33	21°56	22°57	9°7	25°47	F 29
S 30	6 31 28	7°42'55	10♂47	14°18	18°51	11°28	4°19	2°13	7°26	19°24	19°32	21°54	22°54	9°14	25°53	S 30
S 31	6 35 24	8♂44'03	23♂46	13♂5	20♂6	12♂15	4♂30	2♂14	7♂24	19♂24	19♂31	21°D 53	22♂50	9♂21	26♂0	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	21s41	18n 9	3n 1	25s35	2s17	22s20	0s 3	23s24	1s18	12s34	1 s 8	1n38	2n 7	23n29	0n19	5s54	1n35	22n55	8n30	1s57	2s13	26n 7	18s 1	5n14	
S 2	21 51	13 0	2 3	25 41	2 18	22 32	0 5	23 18	1 18	12 32	1 8	1 36	2 8	23 29	0 19	5 55	1 35	22 55	8 30	1 58	2 14	26 9	18 1	5 14	
S 3	22 0	7 9	0 58	25 45	2 20	22 43	0 8	23 11	1 17	12 29	1 8	1 35	2 8	23 30	0 19	5 55	1 35	22 56	8 31	1 58	2 15	26 10	18 2	5 14	
M 4	22 8	0 49	0s13	25 47	2 21	22 54	0 10	23 3	1 17	12 26	1 8	1 33	2 8	23 30	0 19	5 56	1 36	22 56	8 31	1 58	2 17	26 12	18 2	5 14	
T 5	22 16	5s46	1 25	25 49	2 22	23 4	0 12	22 56	1 17	12 23	1 7	1 32	2 8	23 30	0 19	5 56	1 36	22 57	8 31	1 59	2 18	26 13	18 2	5 14	
W 6	22 24	12 16	2 34	25 48	2 22	23 13	0 15	22 48	1 17	12 20	1 7	1 31	2 9	23 30	0 19	5 57	1 36	22 57	8 31	2 0	2 19	26 14	18 3	5 14	
T 7	22 32	18 18	3 35	25 47	2 22	23 21	0 17	22 40	1 17	12 18	1 7	1 29	2 9	23 30	0 19	5 57	1 36	22 57	8 32	2 2	2 20	26 16	18 3	5 14	
F 8	22 38	23 21	4 22	25 44	2 21	23 29	0 20	22 32	1 17	12 15	1 7	1 28	2 9	23 30	0 19	5 58	1 36	22 58	8 32	2 5	2 22	26 17	18 3	5 14	
S 9	22 45	26 52	4 51	25 39	2 19	23 36	0 22	22 23	1 16	12 11	1 7	1 27	2 9	23 31	0 19	5 58	1 36	22 58	8 32	2 10	2 23	26 19	18 3	5 14	
S 10	22 51	28 23	5 0	25 33	2 17	23 42	0 24	22 14	1 16	12 8	1 7	1 26	2 10	23 31	0 19	5 59	1 36	22 59	8 33	2 14	2 24	26 20	18 4	5 14	
M11	22 56	27 45	4 47	25 26	2 14	23 48	0 27	22 5	1 16	12 5	1 7	1 25	2 10	23 31	0 19	5 59	1 36	22 59	8 33	2 19	2 25	26 22	18 4	5 14	
T 12	23 1	25 8	4 15	25 17	2 10	23 53	0 29	21 56	1 16	12 2	1 6	1 24	2 10	23 31	0 19	6 0	1 36	23 0	8 33	2 23	2 27	26 23	18 4	5 15	
W13	23 6	20 58	3 28	25 7	2 6	23 57	0 31	21 46	1 16	11 59	1 6	1 23	2 10	23 31	0 19	6 0	1 36	23 0	8 34	2 25	2 28	26 24	18 4	5 15	
T 14	23 10	15 47	2 29	24 56	2 0	24 0	0 33	21 37	1 15	11 55	1 6	1 22	2 11	23 31	0 19	6 1	1 36	23 1	8 34	2 27	2 29	26 26	18 5	5 15	
F 15	23 14	10 0	1 24	24 43	1 54	24 3	0 36	21 27	1 15	11 52	1 6	1 21	2 11	23 32	0 19	6 1	1 36	23 1	8 34	2 28	2 30	26 27	18 5	5 15	
S 16	23 17	4 0	0 17	24 30	1 47	24 4	0 38	21 16	1 15	11 49	1 6	1 20	2 11	23 32	0 19	6 1	1 36	23 2	8 34	2 28	2 32	26 29	18 5	5 15	
S 17	23 20	2n 0	0n49	24 15	1 38	24 6	0 40	21 6	1 15	11 45	1 6	1 19	2 12	23 32	0 19	6 2	1 36	23 2	8 35	2 28	2 33	26 30	18 5	5 15	
M18	23 22	7 46	1 51	24 0	1 29	24 6	0 42	20 55	1 14	11 42	1 6	1 18	2 12	23 32	0 19	6 2	1 36	23 2	8 35	2 28	2 34	26 31	18 5	5 15	
T 19	23 24	13 10	2 48	23 44	1 18	24 6	0 44	20 44	1 14	11 38	1 6	1 17	2 12	23 32	0 20	6 3	1 36	23 3	8 35	2 30	2 36	26 33	18 5	5 15	
W20	23 25	18 1	3 36	23 27	1 6	24 4	0 47	20 33	1 14	11 34	1 5	1 17	2 12	23 32	0 20	6 3	1 36	23 3	8 35	2 32	2 37	26 34	18 5	5 15	
T 21	23 26	22 9	4 14	23 10	0 53	24 3	0 49	20 22	1 14	11 31	1 5	1 16	2 13	23 33	0 20	6 3	1 36	23 4	8 36	2 35	2 38	26 35	18 6	5 16	
F 22	23 27	25 22	4 41	22 53	0 39	24 0	0 51	20 10	1 13	11 27	1 5	1 15	2 13	23 33	0 20	6 4	1 36	23 5	8 36	2 40	2 39	26 37	18 6	5 16	
S 23	23 27	27 30	4 56	22 36	0 24	23 57	0 53	19 58	1 13	11 23	1 5	1 15	2 13	23 33	0 20	6 4	1 37	23 5	8 36	2 46	2 41	26 38	18 6	5 16	
S 24	23 26	28 23	4 58	22 20	0 7	23 52	0 55	19 46	1 13	11 19	1 5	1 14	2 13	23 33	0 20	6 4	1 37	23 6	8 37	2 51	2 42	26 39	18 6	5 16	
M25	23 25	27 56	4 47	22 3	0n11	23 48	0 57	19 34	1 12	11 16	1 5	1 13	2 14	23 33	0 20	6 5	1 37	23 6	8 37	2 57	2 43	26 41	18 6	5 16	
T 26	23 24	26 9	4 23	21 48	0 30	23 42	0 59	19 21	1 12	11 12	1 5	1 13	2 14	23 33	0 20	6 5	1 37	23 7	8 37	3 3	2 44	26 42	18 6	5 16	
W27	23 22	23 8	3 47	21 33	0 49	23 36	1 0	19 8	1 12	11 8	1 5	1 12	2 14	23 33	0 20	6 5	1 37	23 7	8 37	3 7	2 46	26 43	18 6	5 17	
T 28	23 20	19 2	2 59	21 19	1 9	23 29	1 2	18 55	1 11	11 4	1 5	1 12	2 15	23 34	0 20	6 5	1 37	23 8	8 38	3 10	2 47	26 44	18 6	5 17	
F 29	23 17	14 4	2 3	21 6	1 28	23 21	1 4	18 42	1 11	11 0	1 4	1 12	2 15	23 34	0 20	6 6	1 37	23 8	8 38	3 12	2 48	26 46	18 6	5 17	
S 30	23 13	8 26	0 58	20 54	1 48	23 13	1 6	18 29	1 11	10 56	1 4	1 11	2 15	23 34	0 20	6 6	1 37	23 9	8 38	3 13	2 49	26 47	18 6	5 17	
S 31	23s10	2n19	0s10	20s43	2n 6	23s 3	1s 8	18s16	1s10	10s51	1 s 4	1n11	2n15	23n34	0n20	6s 6	1n37	23n 9	8n38	3s13	2s51	26n48	18s 6	5n17	