



Astrodienst Ephemeris Tables for the year 1954

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 1954
geocentric

JANUARY 1954

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	6 40 27	10°22'22	21°11'23	2°00'00	3°00'06	6°11'55	19°00'11	7°11'29	21°00'32	25°00'52	24°00'44	24°00'04	24°00'45	11°00'33	21°00'00	F 1
S 2	6 44 23	11°03'33	3°00'50	3°00'34	4°00'21	7°00'31	18°00'54	7°00'33	21°00'29	25°00'53	24°00'43	24°00'02	24°00'42	11°00'40	21°00'05	S 2
S 3	6 48 20	12°04'44	16°00'34	5°00'08	5°00'37	8°00'07	18°00'47	7°00'38	21°00'27	25°00'54	24°00'42	24°00'00	24°00'39	11°00'47	21°00'10	S 3
M 4	6 52 16	13°05'55	29°00'35	6°00'42	6°00'52	8°00'43	18°00'40	7°00'42	21°00'24	25°00'54	24°00'41	23°00'59	24°00'36	11°00'54	21°00'16	M 4
T 5	6 56 13	14°07'06	12°00'34	8°00'17	8°00'08	9°00'18	18°00'33	7°00'46	21°00'21	25°00'55	24°00'40	23°00'58	24°00'32	12°00'00	21°00'21	T 5
W 6	7 00 09	15°08'16	26°00'29	9°00'52	9°00'23	9°00'54	18°00'27	7°00'50	21°00'19	25°00'56	24°00'39	23°00'58	24°00'29	12°00'07	21°00'27	W 6
T 7	7 04 06	16°09'27	10°00'18	11°00'28	10°00'39	10°00'30	18°00'20	7°00'55	21°00'16	25°00'57	24°00'38	23°00'58	24°00'26	12°00'14	21°00'32	T 7
F 8	7 08 02	17°10'37	24°00'18	13°00'03	11°00'54	11°00'05	18°00'14	7°00'59	21°00'14	25°00'57	24°00'36	23°00'59	24°00'23	12°00'21	21°00'38	F 8
S 9	7 11 59	18°11'47	8°00'25	14°00'40	13°00'10	11°00'41	18°00'08	8°00'30	21°00'11	25°00'58	24°00'35	24°00'00	24°00'20	12°00'27	21°00'44	S 9
S 10	7 15 56	19°12'56	22°00'37	16°00'17	14°00'25	12°00'16	18°00'02	8°00'06	21°00'09	25°00'59	24°00'34	24°00'00	24°00'17	12°00'34	21°00'49	S 10
M 11	7 19 52	20°14'05	6°00'51	17°00'54	15°00'41	12°00'51	17°00'56	8°00'10	21°00'06	25°00'59	24°00'33	24°00'00	24°00'13	12°00'41	21°00'55	M 11
T 12	7 23 49	21°15'13	21°00'03	19°00'31	16°00'56	13°00'27	17°00'50	8°00'14	21°00'03	26°00'00	24°00'32	24°00'00	24°00'10	12°00'47	22°00'00	T 12
W 13	7 27 45	22°16'21	5°00'12	21°00'10	18°00'12	14°00'02	17°00'45	8°00'17	21°00'01	26°00'00	24°00'31	24°00'00	24°00'07	12°00'54	22°00'06	W 13
T 14	7 31 42	23°17'28	19°00'15	22°00'48	19°00'27	14°00'37	17°00'40	8°00'21	20°00'58	26°00'01	24°00'29	24°00'00	24°00'04	13°00'01	22°00'11	T 14
F 15	7 35 38	24°18'34	3°00'11	24°00'27	20°00'43	15°00'13	17°00'34	8°00'24	20°00'55	26°00'01	24°00'28	24°00'00	24°00'01	13°00'08	22°00'17	F 15
S 16	7 39 35	25°19'40	16°00'58	26°00'07	21°00'58	15°00'48	17°00'29	8°00'28	20°00'53	26°00'02	24°00'27	24°00'00	23°00'57	13°00'14	22°00'22	S 16
S 17	7 43 31	26°20'45	0°00'33	27°00'47	23°00'14	16°00'23	17°00'24	8°00'31	20°00'50	26°00'02	24°00'26	24°00'01	23°00'54	13°00'21	22°00'28	S 17
M 18	7 47 28	27°21'49	13°00'56	29°00'28	24°00'29	16°00'58	17°00'20	8°00'34	20°00'48	26°00'02	24°00'25	24°00'01	23°00'51	13°00'28	22°00'33	M 18
T 19	7 51 25	28°22'53	27°00'05	1°00'09	25°00'44	17°00'33	17°00'15	8°00'37	20°00'45	26°00'03	24°00'23	24°00'00	23°00'48	13°00'34	22°00'39	T 19
W 20	7 55 21	29°23'56	9°00'58	2°00'50	27°00'00	18°00'08	17°00'11	8°00'40	20°00'43	26°00'03	24°00'22	24°00'01	23°00'45	13°00'41	22°00'44	W 20
T 21	7 59 18	0°00'24	24°00'58	22°00'37	4°00'32	28°00'15	18°00'43	17°00'07	8°00'43	20°00'40	26°00'03	24°00'21	24°00'00	23°00'42	22°00'50	T 21
F 22	8 03 14	1°26'00	5°00'11	6°00'15	29°00'31	19°00'17	17°00'03	8°00'45	20°00'37	26°00'03	24°00'19	23°00'59	23°00'38	13°00'55	22°00'55	F 22
S 23	8 07 11	2°27'01	17°00'13	7°00'58	0°00'46	19°00'52	16°00'59	8°00'48	20°00'35	26°00'03	24°00'18	23°00'58	23°00'35	14°00'01	23°00'01	S 23
S 24	8 11 07	3°28'01	29°00'15	9°00'42	2°00'01	20°00'27	16°00'56	8°00'51	20°00'32	26°00'04	24°00'17	23°00'57	23°00'32	14°00'08	23°00'06	S 24
M 25	8 15 04	4°29'01	11°00'10	11°00'25	3°00'17	21°00'02	16°00'52	8°00'53	20°00'30	26°00'04	24°00'15	23°00'56	23°00'29	14°00'15	23°00'11	M 25
T 26	8 19 00	5°30'01	23°00'02	13°00'10	4°00'32	21°00'36	16°00'49	8°00'55	20°00'27	26°00'04	24°00'14	23°00'55	23°00'26	14°00'22	23°00'17	T 26
W 27	8 22 57	6°30'59	4°00'56	14°00'54	5°00'48	22°00'11	16°00'46	8°00'58	20°00'25	26°00'04	24°00'12	23°00'54	23°00'23	14°00'28	23°00'22	W 27
T 28	8 26 54	7°31'58	16°00'56	16°00'39	7°00'03	22°00'45	16°00'43	9°00'00	20°00'22	26°00'04	24°00'11	23°00'55	23°00'19	14°00'35	23°00'28	T 28
F 29	8 30 50	8°32'55	29°00'07	18°00'24	8°00'18	23°00'20	16°00'40	9°00'02	20°00'20	26°00'04	24°00'10	23°00'55	23°00'16	14°00'42	23°00'33	F 29
S 30	8 34 47	9°33'52	11°00'34	20°00'08	9°00'34	23°00'54	16°00'38	9°00'04	20°00'18	26°00'04	24°00'08	23°00'57	23°00'13	14°00'48	23°00'38	S 30
S 31	8 38 43	10°34'49	24°00'20	21°00'53	10°00'49	24°00'28	16°00'36	9°00'06	20°00'15	26°00'04	24°00'07	23°00'58	23°00'10	14°00'55	23°00'44	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	lat
F 1	23s 4	22s37	4s41	24s29	1s 3	23s36	0s11	12s44	1n10	22n32	0s28	11s47	2n21	22n13	0n30	8s26	1n41	22n38	9n57	21s18	21s11	9s11	15s29	6n24
S 2	22 59	24 54	4 3	24 33	1 9	23 36	0 14	12 56	1 10	22 31	0 28	11 48	2 22	22 13	0 30	8 26	1 41	22 39	9 58	21 18	21 11	9 14	15 28	6 24
S 3	22 54	25 58	3 13	24 35	1 14	23 36	0 16	13 7	1 9	22 31	0 28	11 49	2 22	22 13	0 30	8 26	1 41	22 40	9 58	21 19	21 12	9 16	15 27	6 24
M 4	22 48	25 38	2 11	24 36	1 19	23 34	0 18	13 19	1 9	22 30	0 28	11 51	2 22	22 14	0 30	8 27	1 41	22 40	9 58	21 19	21 13	9 19	15 26	6 24
T 5	22 42	23 50	1 1	24 35	1 24	23 33	0 21	13 31	1 9	22 30	0 27	11 52	2 22	22 14	0 30	8 27	1 41	22 41	9 59	21 19	21 13	9 22	15 26	6 24
W 6	22 35	20 38	0n14	24 34	1 29	23 30	0 23	13 42	1 9	22 30	0 27	11 53	2 22	22 15	0 30	8 27	1 41	22 41	9 59	21 19	21 14	9 25	15 25	6 24
T 7	22 28	16 14	1 29	24 30	1 34	23 26	0 25	13 54	1 8	22 29	0 27	11 54	2 23	22 15	0 30	8 27	1 41	22 42	9 59	21 19	21 14	9 28	15 24	6 24
F 8	22 21	10 54	2 40	24 26	1 38	23 22	0 28	14 5	1 8	22 29	0 27	11 55	2 23	22 15	0 30	8 27	1 41	22 43	9 59	21 19	21 15	9 31	15 23	6 24
S 9	22 13	4 59	3 42	24 20	1 42	23 17	0 30	14 16	1 8	22 28	0 27	11 56	2 23	22 16	0 30	8 28	1 41	22 43	10 0	21 19	21 15	9 33	15 22	6 24
S 10	22 4	1n13	4 31	24 12	1 46	23 12	0 32	14 27	1 7	22 28	0 26	11 57	2 23	22 16	0 30	8 28	1 41	22 44	10 0	21 19	21 16	9 36	15 22	6 24
M11	21 55	7 21	5 3	24 3	1 49	23 6	0 34	14 38	1 7	22 28	0 26	11 58	2 24	22 17	0 30	8 28	1 41	22 45	10 0	21 19	21 17	9 39	15 21	6 24
T 12	21 46	13 6	5 17	23 53	1 52	22 59	0 37	14 49	1 7	22 27	0 26	11 59	2 24	22 17	0 30	8 28	1 42	22 45	10 0	21 19	21 17	9 42	15 20	6 24
W13	21 36	18 8	5 11	23 41	1 55	22 51	0 39	15 0	1 7	22 27	0 26	12 0	2 24	22 18	0 30	8 28	1 42	22 46	10 1	21 19	21 18	9 45	15 19	6 24
T 14	21 26	22 9	4 47	23 27	1 58	22 42	0 41	15 10	1 6	22 27	0 26	12 1	2 24	22 18	0 30	8 28	1 42	22 46	10 1	21 19	21 18	9 47	15 18	6 24
F 15	21 16	24 49	4 6	23 12	2 0	22 33	0 43	15 21	1 6	22 27	0 25	12 2	2 24	22 18	0 30	8 28	1 42	22 47	10 1	21 19	21 19	9 50	15 17	6 24
S 16	21 5	25 59	3 11	22 56	2 2	22 24	0 45	15 31	1 6	22 26	0 25	12 3	2 25	22 19	0 30	8 28	1 42	22 48	10 1	21 19	21 19	9 53	15 16	6 24
S 17	20 53	25 33	2 7	22 38	2 3	22 13	0 47	15 42	1 5	22 26	0 25	12 3	2 25	22 19	0 30	8 29	1 42	22 48	10 1	21 19	21 20	9 56	15 15	6 24
M18	20 42	23 38	0 56	22 18	2 4	22 02	0 49	15 52	1 5	22 26	0 25	12 4	2 25	22 20	0 30	8 29	1 42	22 49	10 2	21 19	21 20	9 58	15 15	6 24
T 19	20 29	20 28	0s17	21 57	2 5	21 50	0 51	16 2	1 5	22 26	0 25	12 5	2 25	22 20	0 30	8 29	1 42	22 50	10 2	21 19	21 21	10 1	15 14	6 24
W20	20 17	16 21	1 27	21 34	2 6	21 38	0 53	16 12	1 4	22 25	0 25	12 6	2 26	22 20	0 30	8 29	1 42	22 50	10 2	21 19	21 22	10 4	15 13	6 24
T 21	20 4	11 35	2 32	21 10	2 5	21 25	0 55	16 22	1 4	22 25	0 24	12 6	2 26	22 21	0 30	8 29	1 42	22 51	10 2	21 19	21 22	10 7	15 12	6 24
F 22	19 51	6 26	3 28	20 44	2 5	21 11	0 56	16 32	1 4	22 25	0 24	12 7	2 26	22 21	0 30	8 29	1 42	22 52	10 2	21 19	21 23	10 10	15 11	6 24
S 23	19 37	1 9	4 14	20 16	2 4	20 56	0 58	16 42	1 3	22 25	0 24	12 8	2 26	22 22	0 30	8 29	1 42	22 52	10 3	21 19	21 23	10 12	15 10	6 24
S 24	19 23	4s 6	4 48	19 48	2 2	20 41	1 0	16 51	1 3	22 25	0 24	12 8	2 26	22 22	0 30	8 29	1 42	22 53	10 3	21 19	21 24	10 15	15 9	6 25
M25	19 9	9 9	5 9	19 17	2 0	20 26	1 2	17 1	1 2	22 24	0 24	12 9	2 27	22 22	0 30	8 29	1 42	22 53	10 3	21 20	21 24	10 18	15 8	6 25
T 26	18 54	13 51	5 16	18 45	1 58	20 9	1 3	17 10	1 2	22 24	0 23	12 9	2 27	22 23	0 30	8 29	1 42	22 54	10 3	21 20	21 25	10 21	15 7	6 25
W27	18 39	18 2	5 11	18 12	1 55	19 33	1 5	17 20	1 2	22 24	0 23	12 10	2 27	22 23	0 30	8 29	1 42	22 55	10 3	21 20	21 25	10 23	15 6	6 25
T 28	18 24	21 33	4 51	17 37	1 51	19 55	1 6	17 29	1 1	22 24	0 23	12 10	2 27	22 23	0 30	8 29	1 42	22 55	10 4	21 20	21 26	10 26	15 5	6 25
F 29	18 8	24 10	4 19	17 0	1 47	19 17	1 8	17 38	1 1	22 24	0 23	12 11	2 28	22 24	0 30	8 28	1 43	22 56	10 4	21 20	21 26	10 29	15 4	6 25
S 30	17 52	25 42	3 33	16 23	1 42	18 59	1 9	17 47	1 0	22 24	0 23	12 11	2 28	22 24	0 30	8 28	1 43	22 57	10 4	21 19	21 27	10 32	15 3	6 25
S 31	17s35	25s56	2s37	15s44	1s36	18s40	1s11	17s56	1n 0	22n24	0s22	12s11	2n28	22n24	0n30	8s28	1n43	22n57	10n 4	21s19	21s27	10s34	15s 2	6n25

ASTRODIENST EPHEMERIS for the year 1954

geocentric

FEBRUARY 1954

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 42 40	11 ³⁵ 44	7 ³⁸ 28	23 ³⁷ 37	12 ³⁸ 4	25 ³⁷ 2	16 ³⁴ 34	9 ³⁷ 7	20 ³⁷ 13	26 ³⁷ 3	24 ³⁷ 5	23 ³⁷ 59	23 ³⁷ 7	15 ³⁷ 2	23 ³⁷ 49	M 1
T 2	8 46 36	12 ³⁶ 39	20 ⁵⁹	25 ²¹	13 ²⁰	25 ³⁷	16 ³² 32	9 ⁹	20 ³⁷ 10	26 ³⁷ 3	24 ³⁷ 4	24 ³⁷ 0	23 ³⁷ 3	15 ³⁷ 9	23 ³⁷ 54	T 2
W 3	8 50 33	13 ³⁷ 32	4 ³⁵ 53	27 ³	14 ³⁵	26 ¹¹	16 ³⁰	9 ¹¹	20 ⁸	26 ³	24 ³	24 ⁰	23 ⁰	15 ¹⁵	24 ⁰	W 3
T 4	8 54 30	14 ³⁸ 25	19 ⁷	28 ⁴⁵	15 ⁵⁰	26 ⁴⁵	16 ²⁹	9 ¹²	20 ⁶	26 ³	24 ¹	23 ⁵⁸	22 ⁵⁷	15 ²²	24 ⁵	T 4
F 5	8 58 26	15 ³⁹ 16	3 ³⁶	0 ²⁵	17 ⁶	27 ¹⁸	16 ²⁸	9 ¹³	20 ³	26 ³	24 ⁰	23 ⁵⁶	22 ⁵⁴	15 ²⁹	24 ¹⁰	F 5
S 6	9 2 23	16 ⁴⁰ 06	18 ¹⁴	2 ³	18 ²¹	27 ⁵²	16 ²⁷	9 ¹⁵	20 ¹	26 ²	23 ⁵⁸	23 ⁵³	22 ⁵¹	15 ³⁵	24 ¹⁵	S 6
S 7	9 6 19	17 ⁴⁰ 55	2 ⁵⁵	3 ³⁸	19 ³⁶	28 ²⁶	16 ²⁶	9 ¹⁶	19 ⁵⁹	26 ²	23 ⁵⁷	23 ⁴⁹	22 ⁴⁸	15 ⁴²	24 ²¹	S 7
M 8	9 10 16	18 ⁴¹ 42	17 ³⁰	5 ¹¹	20 ⁵²	29 ⁰	16 ²⁵	9 ¹⁷	19 ⁵⁷	26 ²	23 ⁵⁵	23 ⁴⁶	22 ⁴⁴	15 ⁴⁹	24 ²⁶	M 8
T 9	9 14 12	19 ⁴² 27	1 ⁵⁵	6 ⁴¹	22 ⁷	29 ³³	16 ²⁵	9 ¹⁸	19 ⁵⁵	26 ¹	23 ⁵⁴	23 ⁴⁴	22 ⁴¹	15 ⁵⁶	24 ³¹	T 9
W10	9 18 9	20 ⁴³ 11	16 ⁷	8 ⁶	23 ²²	0 ⁷	16 ²⁵	9 ¹⁸	19 ⁵²	26 ¹	23 ⁵²	23 ⁴³	22 ³⁸	16 ²	24 ³⁶	W10
T 11	9 22 5	21 ⁴³ 54	0 ³	9 ²⁷	24 ³⁷	0 ⁴⁰	16 ²⁵	9 ¹⁹	19 ⁵⁰	26 ⁰	23 ⁵¹	23 ⁴³	22 ³⁵	16 ⁹	24 ⁴¹	T 11
F 12	9 26 2	22 ⁴⁴ 35	13 ⁴⁴	10 ⁴²	25 ⁵²	1 ¹³	16 ²⁵	9 ²⁰	19 ⁴⁸	26 ⁰	23 ⁴⁹	23 ⁴⁴	22 ³²	16 ¹⁶	24 ⁴⁶	F 12
S 13	9 29 58	23 ⁴⁵ 14	27 ⁹	11 ⁵¹	27 ⁸	1 ⁴⁶	16 ²⁵	9 ²⁰	19 ⁴⁶	25 ⁵⁹	23 ⁴⁸	23 ⁴⁶	22 ²⁹	16 ²³	24 ⁵¹	S 13
S 14	9 33 55	24 ⁴⁵ 51	10 ¹⁹	12 ⁵³	28 ²³	2 ²⁰	16 ²⁶	9 ²¹	19 ⁴⁴	25 ⁵⁹	23 ⁴⁶	23 ⁴⁷	22 ²⁵	16 ²⁹	24 ⁵⁶	S 14
M15	9 37 52	25 ⁴⁶ 27	23 ¹⁷	13 ⁴⁸	29 ³⁸	2 ⁵³	16 ²⁷	9 ²¹	19 ⁴²	25 ⁵⁸	23 ⁴⁵	23 ⁴⁸	22 ²²	16 ³⁶	25 ¹	M15
T 16	9 41 48	26 ⁴⁷ 01	6 ³	14 ³⁵	0 ⁵³	3 ²⁵	16 ²⁸	9 ²¹	19 ⁴⁰	25 ⁵⁷	23 ⁴³	23 ⁴⁷	22 ¹⁹	16 ⁴³	25 ⁶	T 16
W17	9 45 45	27 ⁴⁷ 34	18 ³⁷	15 ¹²	2 ⁸	3 ⁵⁸	16 ²⁹	9 ²¹	19 ³⁸	25 ⁵⁷	23 ⁴²	23 ⁴⁵	22 ¹⁶	16 ⁴⁹	25 ¹¹	W17
T 18	9 49 41	28 ⁴⁸ 05	1 ³⁷	15 ⁴⁰	3 ²³	4 ³¹	16 ³¹	9 ²¹	19 ³⁷	25 ⁵⁶	23 ⁴¹	23 ⁴¹	22 ¹³	16 ⁵⁶	25 ¹⁶	T 18
F 19	9 53 38	29 ⁴⁸ 34	13 ¹⁶	15 ⁵⁹	4 ³⁹	5 ⁴	16 ³²	9 ²¹	19 ³⁵	25 ⁵⁵	23 ³⁹	23 ³⁵	22 ⁹	17 ³	25 ²⁰	F 19
S 20	9 57 34	0 ⁴⁹ 02	25 ²³	16 ³⁷	5 ⁵⁴	5 ³⁶	16 ³⁴	9 ²¹	19 ³³	25 ⁵⁵	23 ³⁸	23 ²⁸	22 ⁶	17 ¹⁰	25 ²⁵	S 20
S 21	10 1 31	1 ⁴⁹ 28	7 ²²	16 ⁵	7 ⁹	6 ⁹	16 ³⁶	9 ²⁰	19 ³¹	25 ⁵⁴	23 ³⁶	23 ²¹	22 ³	17 ¹⁶	25 ³⁰	S 21
M22	10 5 27	2 ⁴⁹ 53	19 ¹⁶	15 ⁵³	8 ²⁴	6 ⁴¹	16 ³⁸	9 ²⁰	19 ²⁹	25 ⁵³	23 ³⁵	23 ¹³	22 ⁰	17 ²³	25 ³⁵	M22
T 23	10 9 24	3 ⁵⁰ 17	1 ³⁸	15 ³²	9 ³⁹	7 ¹³	16 ⁴¹	9 ¹⁹	19 ²⁸	25 ⁵²	23 ³³	23 ⁷	21 ⁵⁷	17 ³⁰	25 ³⁹	T 23
W24	10 13 21	4 ⁵⁰ 39	13 ⁰	15 ¹	10 ⁵⁴	7 ⁴⁵	16 ⁴³	9 ¹⁹	19 ²⁶	25 ⁵¹	23 ³²	23 ³	21 ⁵⁴	17 ³⁶	25 ⁴⁴	W24
T 25	10 17 17	5 ⁵⁰ 59	24 ⁵⁸	14 ²¹	12 ⁹	8 ¹⁷	16 ⁴⁶	9 ¹⁸	19 ²⁵	25 ⁵⁰	23 ³⁰	23 ⁰	21 ⁵⁰	17 ⁴³	25 ⁴⁸	T 25
F 26	10 21 14	6 ⁵¹ 19	7 ³⁷	13 ³⁴	13 ²⁴	8 ⁴⁹	16 ⁴⁹	9 ¹⁷	19 ²³	25 ⁵⁰	23 ²⁹	23 ⁰	21 ⁴⁷	17 ⁵⁰	25 ⁵³	F 26
S 27	10 25 10	7 ⁵¹ 37	19 ²⁸	12 ⁴¹	14 ³⁹	9 ²¹	16 ⁵²	9 ¹⁶	19 ²²	25 ⁴⁹	23 ²⁷	23 ⁰	21 ⁴⁴	17 ⁵⁷	25 ⁵⁷	S 27
S 28	10 29 7	8 ⁵¹ 53	2 ³⁰ 10	11 ³⁴ 44	15 ³⁴ 54	9 ³⁷ 53	16 ⁵² 56	9 ³⁷ 15	19 ²⁰ 20	25 ⁴⁸ 48	23 ²⁶ 26	23 ³⁷ 2	21 ³⁴ 41	18 ³⁷ 3	26 ³⁷ 2	S 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
M 1	17s19	24s44	1s30	15s 4	1s30	18s20	1s12	18s 4	0n59	22n24	0s22	12s12	2n28	22n25	0n30	8s28	1n43	22n58	10n 4	21s19	21s28	10s37	15s 1	6n26	
T 2	17 2	22 5	0 17	14 23	1 23	18 0	1 13	18 13	0 59	22 24	0 22	12 12	2 29	22 25	0 30	8 28	1 43	22 59	10 4	21 19	21 29	10 40	15 0	6 26	
W 3	16 44	18 5	1n 0	13 40	1 15	17 39	1 15	18 21	0 58	22 24	0 22	12 12	2 29	22 26	0 30	8 28	1 43	22 59	10 4	21 19	21 29	10 43	14 59	6 26	
T 4	16 27	12 58	2 14	12 57	1 7	17 18	1 16	18 30	0 58	22 24	0 22	12 12	2 29	22 26	0 30	8 28	1 43	23 0	10 5	21 19	21 30	10 45	14 58	6 26	
F 5	16 9	7 4	3 21	12 13	0 57	16 56	1 17	18 38	0 57	22 24	0 21	12 13	2 29	22 26	0 30	8 28	1 43	23 0	10 5	21 20	21 30	10 48	14 57	6 26	
S 6	15 51	0 44	4 15	11 29	0 47	16 34	1 18	18 46	0 57	22 24	0 21	12 13	2 30	22 27	0 30	8 27	1 43	23 1	10 5	21 20	21 31	10 51	14 56	6 26	
S 7	15 32	5n38	4 53	10 45	0 37	16 12	1 19	18 54	0 56	22 24	0 21	12 13	2 30	22 27	0 30	8 27	1 43	23 2	10 5	21 21	21 31	10 53	14 54	6 27	
M 8	15 14	11 40	5 12	10 0	0 25	15 49	1 20	19 2	0 56	22 25	0 21	12 13	2 30	22 27	0 30	8 27	1 43	23 2	10 5	21 21	21 32	10 56	14 53	6 27	
T 9	14 55	17 0	5 11	9 16	0 13	15 25	1 21	19 10	0 55	22 25	0 21	12 13	2 30	22 27	0 30	8 27	1 43	23 3	10 5	21 22	21 32	10 59	14 52	6 27	
W10	14 35	21 18	4 50	8 32	0n 0	15 1	1 22	19 17	0 55	22 25	0 20	12 13	2 31	22 28	0 30	8 27	1 43	23 3	10 5	21 22	21 33	11 1	14 51	6 27	
T 11	14 16	24 17	4 13	7 49	0 14	14 37	1 22	19 25	0 54	22 25	0 20	12 13	2 31	22 28	0 30	8 26	1 43	23 4	10 5	21 22	21 33	11 4	14 50	6 28	
F 12	13 56	25 48	3 22	7 7	0 28	14 12	1 23	19 32	0 54	22 25	0 20	12 13	2 31	22 28	0 30	8 26	1 43	23 5	10 5	21 22	21 34	11 7	14 49	6 28	
S 13	13 36	25 46	2 21	6 28	0 43	13 47	1 24	19 39	0 53	22 25	0 20	12 13	2 31	22 29	0 30	8 26	1 43	23 5	10 5	21 21	21 34	11 10	14 48	6 28	
S 14	13 16	24 16	1 13	5 50	0 58	13 22	1 24	19 46	0 52	22 26	0 20	12 13	2 32	22 29	0 30	8 26	1 44	23 6	10 6	21 21	21 35	11 12	14 47	6 28	
M15	12 56	21 29	0 3	5 14	1 14	12 56	1 25	19 54	0 52	22 26	0 20	12 13	2 32	22 29	0 30	8 25	1 44	23 6	10 6	21 21	21 35	11 15	14 46	6 29	
T 16	12 35	17 42	1s 6	4 42	1 29	12 30	1 25	20 0	0 51	22 26	0 19	12 13	2 32	22 30	0 30	8 25	1 44	23 7	10 6	21 21	21 36	11 18	14 45	6 29	
W17	12 15	13 10	2 11	4 13	1 45	12 3	1 26	20 7	0 51	22 27	0 19	12 12	2 32	22 30	0 30	8 25	1 44	23 7	10 6	21 21	21 36	11 20	14 44	6 29	
T 18	11 54	8 10	3 9	3 47	2 1	11 36	1 26	20 14	0 50	22 27	0 19	12 12	2 33	22 30	0 30	8 25	1 44	23 8	10 6	21 22	21 37	11 23	14 42	6 29	
F 19	11 33	2 56	3 37	3 26	2 16	11 9	1 26	20 20	0 49	22 27	0 19	12 12	2 33	22 30	0 30	8 24	1 44	23 9	10 6	21 23	21 37	11 26	14 41	6 30	
S 20	11 11	2s21	4 33	3 9	2 31	10 42	1 27	20 27	0 49	22 28	0 19	12 12	2 33	22 31	0 30	8 24	1 44	23 9	10 6	21 24	21 38	11 28	14 40	6 30	
S 21	10 50	7 29	4 58	2 57	2 45	10 14	1 27	20 33	0 48	22 28	0 18	12 11	2 33	22 31	0 30	8 24	1 44	23 10	10 6	21 26	21 38	11 31	14 39	6 30	
M22	10 28	12 18	5 9	2 50	2 58	9 46	1 27	20 39	0 47	22 28	0 18	12 11	2 34	22 31	0 30	8 23	1 44	23 10	10 6	21 27	21 39	11 34	14 38	6 30	
T 23	10 6	16 39	5 6	2 47	3 10	9 18	1 27	20 45	0 47	22 29	0 18	12 10	2 34	22 31	0 30	8 23	1 44	23 11	10 6	21 28	21 39	11 36	14 37	6 31	
W24	9 44	20 22	4 51	2 50	3 20	8 49	1 27	20 51	0 46	22 29	0 18	12 10	2 34	22 31	0 30	8 23	1 44	23 11	10 6	21 29	21 40	11 39	14 36	6 31	
T 25	9 22	23 16	4 23	2 57	3 29	8 21	1 27	20 57	0 45	22 30	0 18	12 10	2 34	22 32	0 30	8 22	1 44	23 12	10 6	21 29	21 40	11 42	14 35	6 31	
F 26	9 0	25 10	3 43	3 9	3 35	7 52	1 27	21 3	0 44	22 30	0 18	12 9	2 34	22 32	0 30	8 22	1 44	23 12	10 6	21 29	21 41	11 44	14 33	6 32	
S 27	8 37	25 53	2 51	3 25	3 40	7 22	1 26	21 9	0 44	22 31	0 17	12 9	2 35	22 32	0 29	8 21	1 44	23 13	10 6	21 29	21 41	11 47	14 32	6 32	
S 28	8s15	25s16	1s50	3s44	3n42	6s53	1s26	21s14	0n43	22n31	0s17	12s 8	2n35	22n32	0n29	8s21	1n44	23n13	10n 6	21s29	21s42	11s50	14s31	6n32	

ASTRODIENST EPHEMERIS for the year 1954

geocentric

APRIL 1954

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 35 17	10°43'41	5°17	13°13	25°41	25°20	20°12	7°R53	19°00	25°R 5	22°R48	20°R27	19°05	21°03	27°05	T 1
F 2	12 39 13	11°42'54	20° 8	14°22	26°55	25°45	20°20	7°15	19° 1	25°0 3	22°04	20°03	19°56	21°45	27°57	F 2
S 3	12 43 10	12°42'05	5°18	15°34	28° 9	26°10	20°29	7°46	19° 1	25° 2	22°46	20° 9	19°53	21°52	28° 0	S 3
S 4	12 47 6	13°41'13	20°37	16°47	29°23	26°35	20°38	7°42	19° 1	25° 0	22°45	19°58	19°50	21°59	28° 2	S 4
M 5	12 51 3	14°40'20	5°54	18° 3	0°37	27° 0	20°47	7°38	19° 2	24°59	22°44	19°47	19°46	22° 5	28° 5	M 5
T 6	12 54 59	15°39'25	20°58	19°21	1°51	27°25	20°56	7°34	19° 2	24°57	22°44	19°38	19°43	22°12	28° 7	T 6
W 7	12 58 56	16°38'28	5°14	20°40	3° 5	27°49	21° 5	7°30	19° 3	24°55	22°43	19°31	19°40	22°19	28° 9	W 7
T 8	13 2 52	17°37'28	19°55	22° 2	4°19	28°12	21°14	7°26	19° 3	24°54	22°42	19°27	19°37	22°26	28°11	T 8
F 9	13 6 49	18°36'26	3°42	23°25	5°33	28°36	21°23	7°21	19° 4	24°52	22°41	19°25	19°34	22°32	28°13	F 9
S 10	13 10 46	19°35'22	17° 1	24°50	6°47	28°59	21°33	7°17	19° 5	24°51	22°41	19°24	19°31	22°39	28°15	S 10
S 11	13 14 42	20°34'15	29°57	26°17	8° 1	29°22	21°43	7°13	19° 5	24°49	22°40	19°24	19°27	22°46	28°17	S 11
M 12	13 18 39	21°33'06	12°33	27°46	9°15	29°45	21°52	7° 9	19° 6	24°47	22°39	19°23	19°24	22°52	28°19	M 12
T 13	13 22 35	22°31'55	24°54	29°16	10°29	0°03	22° 2	7° 4	19° 7	24°46	22°39	19°20	19°21	22°59	28°20	T 13
W 14	13 26 32	23°30'42	7°13	0°48	11°43	0°29	22°12	7° 0	19° 8	24°44	22°38	19°14	19°18	23° 6	28°22	W 14
T 15	13 30 28	24°29'26	19° 4	2°21	12°57	0°50	22°22	6°56	19° 9	24°42	22°38	19° 6	19°15	23°13	28°24	T 15
F 16	13 34 25	25°28'08	1°11	3°57	14°10	1°12	22°32	6°51	19°10	24°41	22°37	18°54	19°12	23°19	28°25	F 16
S 17	13 38 21	26°26'48	12°55	5°33	15°24	1°32	22°43	6°47	19°11	24°39	22°37	18°41	19° 8	23°26	28°27	S 17
S 18	13 42 18	27°25'26	24°47	7°12	16°38	1°53	22°53	6°42	19°12	24°37	22°36	18°27	19° 5	23°33	28°28	S 18
M 19	13 46 14	28°24'03	6°14	8°52	17°51	2°13	23° 3	6°38	19°13	24°36	22°36	18°13	19° 2	23°40	28°29	M 19
T 20	13 50 11	29°22'37	18°35	10°34	19° 5	2°33	23°14	6°33	19°14	24°34	22°35	18° 1	18°59	23°46	28°31	T 20
W 21	13 54 8	0°21'09	0°33	12°17	20°18	2°52	23°25	6°29	19°16	24°32	22°35	17°50	18°56	23°53	28°32	W 21
T 22	13 58 4	1°19'40	12°36	14° 2	21°32	3°11	23°35	6°24	19°17	24°31	22°34	17°43	18°52	24° 0	28°33	T 22
F 23	14 2 1	2°18'09	24°47	15°49	22°46	3°29	23°46	6°20	19°18	24°29	22°34	17°38	18°49	24° 6	28°34	F 23
S 24	14 5 57	3°16'37	7°09	17°37	23°59	3°47	23°57	6°15	19°20	24°28	22°34	17°36	18°46	24°13	28°35	S 24
S 25	14 9 54	4°15'03	19°46	19°27	25°12	4° 5	24° 8	6°11	19°21	24°26	22°33	17°D36	18°43	24°20	28°35	S 25
M 26	14 13 50	5°13'27	2°42	21°19	26°26	4°22	24°19	6° 6	19°23	24°24	22°33	17°R36	18°40	24°27	28°36	M 26
T 27	14 17 47	6°11'50	16° 2	23°13	27°39	4°39	24°30	6° 2	19°24	24°23	22°33	17°36	18°37	24°33	28°37	T 27
W 28	14 21 43	7°10'11	29°48	25° 8	28°53	4°55	24°41	5°57	19°26	24°21	22°33	17°34	18°33	24°40	28°37	W 28
T 29	14 25 40	8° 8'30	14°11	27° 5	0°11	5°10	24°53	5°52	19°28	24°20	22°32	17°30	18°30	24°47	28°38	T 29
F 30	14 29 37	9°06'48	28°40	29°13	1°11	5°26	25°11	5°48	19°29	24°18	22°32	17°03	18°27	24°54	28°38	F 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	4n15	6s16	3n33	8s20	1s52	9n14	0s44	23s15	0n 7	22n53	0s12	11s36	2n41	22n35	0n29	8s 5
F 2	4 38	0n 5	4 20	7 59	1 58	9 43	0 42	23 17	0 5	22 54	0 12	11 35	2 41	22 35	0 29	8 4
S 3	5 1	6 33	4 50	7 36	2 4	10 12	0 40	23 20	0 4	22 55	0 12	11 34	2 41	22 34	0 29	8 3
S 4	5 24	12 41	5 0	7 12	2 9	10 40	0 38	23 22	0 2	22 55	0 12	11 32	2 41	22 34	0 29	8 3
M 5	5 47	18 1	4 49	6 47	2 14	11 8	0 36	23 24	0 1	22 56	0 12	11 31	2 41	22 34	0 29	8 2
T 6	6 10	22 8	4 17	6 20	2 18	11 36	0 33	23 26	0s 1	22 57	0 11	11 30	2 41	22 34	0 29	8 2
W 7	6 33	24 41	3 29	5 53	2 22	12 4	0 31	23 29	0 3	22 58	0 11	11 28	2 41	22 34	0 29	8 1
T 8	6 55	25 32	2 29	5 23	2 25	12 31	0 29	23 31	0 5	22 58	0 11	11 27	2 42	22 34	0 29	8 0
F 9	7 18	24 46	1 22	4 53	2 28	12 58	0 26	23 33	0 6	22 59	0 11	11 25	2 42	22 34	0 29	8 0
S 10	7 40	22 34	0 13	4 21	2 30	13 25	0 24	23 35	0 8	23 0	0 11	11 24	2 42	22 34	0 29	7 59
S 11	8 2	19 16	0s55	3 48	2 32	13 51	0 21	23 37	0 10	23 1	0 11	11 22	2 42	22 34	0 29	7 59
M 12	8 24	15 8	1 59	3 14	2 33	14 17	0 19	23 39	0 12	23 1	0 11	11 21	2 42	22 34	0 29	7 58
T 13	8 46	10 28	2 56	2 39	2 34	14 42	0 17	23 41	0 14	23 2	0 10	11 20	2 42	22 33	0 29	7 57
W 14	9 8	5 28	3 43	2 2	2 34	15 8	0 14	23 42	0 16	23 3	0 10	11 18	2 42	22 33	0 29	7 57
T 15	9 30	0 20	4 20	1 25	2 33	15 33	0 12	23 44	0 18	23 3	0 10	11 17	2 42	22 33	0 29	7 56
F 16	9 51	4s46	4 45	0 46	2 33	15 57	0 9	23 46	0 20	23 4	0 10	11 15	2 42	22 33	0 29	7 56
S 17	10 12	9 40	4 58	0 6	2 31	16 21	0 6	23 48	0 22	23 5	0 10	11 14	2 42	22 33	0 29	7 55
S 18	10 34	14 13	4 58	0n34	2 29	16 45	0 4	23 50	0 24	23 6	0 10	11 12	2 42	22 33	0 29	7 54
M 19	10 55	18 13	4 44	1 16	2 27	17 8	0 1	23 52	0 26	23 6	0 10	11 11	2 42	22 32	0 29	7 54
T 20	11 15	21 30	4 19	1 59	2 24	17 31	0n 1	23 53	0 28	23 7	0 10	11 9	2 42	22 32	0 29	7 53
W 21	11 36	23 53	3 41	2 42	2 20	17 54	0 4	23 55	0 30	23 8	0 9	11 8	2 42	22 32	0 29	7 53
T 22	11 56	25 11	2 54	3 27	2 16	18 16	0 7	23 57	0 33	23 8	0 9	11 6	2 42	22 32	0 29	7 52
F 23	12 17	25 18	1 58	4 12	2 12	18 37	0 9	23 59	0 35	23 9	0 9	11 5	2 42	22 32	0 29	7 51
S 24	12 37	24 10	0 55	4 58	2 7	18 58	0 12	24 1	0 37	23 9	0 9	11 3	2 42	22 31	0 29	7 51
S 25	12 56	21 48	0n12	5 45	2 1	19 18	0 15	24 3	0 40	23 10	0 9	11 2	2 42	22 31	0 29	7 50
M 26	13 16	18 16	1 19	6 32	1 55	19 38	0 17	24 5	0 42	23 11	0 9	11 0	2 42	22 31	0 29	7 50
T 27	13 35	13 44	2 25	7 20	1 49	19 58	0 20	24 6	0 45	23 11	0 9	10 59	2 42	22 31	0 28	7 49
W 28	13 55	8 22	3 24	8 9	1 42	20 17	0 23	24 8	0 47	23 12	0 9	10 57	2 42	22 30	0 28	7 48
T 29	14 14	2 24	4 13	8 58	1 34	20 35	0 25	24 10	0 50	23 12	0 8	10 56	2 42	22 30	0 28	7 48
F 30	14n32	3n51	4n47	9n48	1s26	20n53	0n28	24s12	0s52	23n13	0s 8	10s54	2n42	22n30	0n28	7s47

Julian Day Number = 2434833.5, Delta T = 30.73 sec

Ecliptic obliquity = 23°26'47", Nutation = 0°00'16", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°06'04", Lahiri = 23°13'05"

ASTRODIENST EPHEMERIS for the year 1954

geocentric

MAY 1954

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 33 33	10♈ 5'05	13♈ 41	1♈ 3	2♈ 32	5♈ 40	25♈ 16	5°R43	19♈ 31	24°R16	22°R32	17°R15	18♈ 24	25♈ 0	28♈ 39	S 1
S 2	14 37 30	11° 3'20	28°55	3° 5	3°46	5°54	25°27	5♈ 39	19°33	24°15	22°32	17♈ 5	18°21	25° 7	28°39	S 2
M 3	14 41 26	12° 1'33	14♈ 11	5° 8	4°59	6° 8	25°39	5°34	19°35	24°13	22°32	16°55	18°17	25°14	28°39	M 3
T 4	14 45 23	12°59'44	29°19	7°13	6°12	6°21	25°51	5°30	19°36	24°12	22°32	16°47	18°14	25°20	28°39	T 4
W 5	14 49 19	13°57'54	14♈ 8	9°19	7°25	6°34	26° 2	5°25	19°38	24°10	22°D32	16°41	18°11	25°27	28°R40	W 5
T 6	14 53 16	14°56'02	28°32	11°26	8°38	6°46	26°14	5°21	19°40	24° 9	22°32	16°37	18° 8	25°34	28°40	T 6
F 7	14 57 12	15°54'09	12♈ 27	13°34	9°51	6°57	26°26	5°16	19°42	24° 7	22°32	16°D36	18° 5	25°41	28°39	F 7
S 8	15 1 9	16°52'13	25°54	15°43	11° 4	7° 8	26°38	5°12	19°44	24° 6	22°32	16°36	18° 2	25°47	28°39	S 8
S 9	15 5 6	17°50'15	8♈ 55	17°53	12°17	7°18	26°50	5° 8	19°47	24° 4	22°32	16°37	17°58	25°54	28°39	S 9
M10	15 9 2	18°48'15	21°33	20° 4	13°30	7°27	27° 2	5° 3	19°49	24° 3	22°32	16°R37	17°55	26° 1	28°39	M10
T 11	15 12 59	19°46'14	3♈ 54	22°14	14°43	7°36	27°14	4°59	19°51	24° 1	22°33	16°36	17°52	26° 7	28°38	T 11
W12	15 16 55	20°44'10	16° 1	24°25	15°56	7°45	27°27	4°55	19°53	24° 0	22°33	16°33	17°49	26°14	28°38	W12
T 13	15 20 52	21°42'05	27°59	26°35	17° 9	7°52	27°39	4°50	19°55	23°58	22°33	16°28	17°46	26°21	28°37	T 13
F 14	15 24 48	22°39'58	9♈ 53	28°45	18°22	7°59	27°51	4°46	19°58	23°57	22°33	16°20	17°43	26°28	28°37	F 14
S 15	15 28 45	23°37'49	21°44	0♈ 54	19°34	8° 6	28° 4	4°42	20° 0	23°56	22°33	16°11	17°39	26°34	28°36	S 15
S 16	15 32 41	24°35'39	3♈ 37	3° 2	20°47	8°11	28°16	4°38	20° 2	23°54	22°34	16° 1	17°36	26°41	28°35	S 16
M17	15 36 38	25°33'27	15°33	5° 8	22° 0	8°16	28°29	4°34	20° 5	23°53	22°34	15°52	17°33	26°48	28°34	M17
T 18	15 40 35	26°31'14	27°33	7°13	23°12	8°21	28°41	4°29	20° 7	23°52	22°34	15°43	17°30	26°55	28°34	T 18
W19	15 44 31	27°29'00	9♈ 39	9°15	24°25	8°24	28°54	4°25	20°10	23°50	22°35	15°36	17°27	27° 1	28°33	W19
T 20	15 48 28	28°26'44	21°52	11°16	25°37	8°27	29° 6	4°21	20°12	23°49	22°35	15°31	17°23	27° 8	28°32	T 20
F 21	15 52 24	29°24'27	4♈ 14	13°15	26°50	8°30	29°19	4°18	20°15	23°48	22°36	15°29	17°20	27°15	28°30	F 21
S 22	15 56 21	0♈ 22'08	16°48	15°11	28° 2	8°31	29°32	4°14	20°18	23°47	22°36	15°D28	17°17	27°21	28°29	S 22
S 23	16 0 17	1°19'49	29°34	17° 4	29°15	8°32	29°45	4°10	20°20	23°45	22°37	15°29	17°14	27°28	28°28	S 23
M24	16 4 14	2°17'29	12♈ 37	18°55	0♈ 27	8°R32	29°57	4° 6	20°23	23°44	22°37	15°30	17°11	27°35	28°27	M24
T 25	16 8 10	3°15'07	25°58	20°43	1°39	8°31	0♈ 10	4° 2	20°26	23°43	22°38	15°31	17° 8	27°42	28°25	T 25
W26	16 12 7	4°12'45	9♈ 40	22°28	2°52	8°30	0°23	3°59	20°28	23°42	22°38	15°R31	17° 4	27°48	28°24	W26
T 27	16 16 4	5°10'21	23°43	24°10	4° 4	8°27	0°36	3°55	20°31	23°41	22°39	15°30	17° 1	27°55	28°22	T 27
F 28	16 20 0	6° 7'57	8♈ 8	25°49	5°16	8°24	0°49	3°52	20°34	23°39	22°40	15°27	16°58	28° 2	28°21	F 28
S 29	16 23 57	7° 5'32	22°50	27°26	6°28	8°21	1° 2	3°48	20°37	23°38	22°40	15°22	16°55	28° 8	28°19	S 29
S 30	16 27 53	8° 3'06	7♈ 45	28°59	7°40	8°16	1°15	3°45	20°40	23°37	22°41	15°17	16°52	28°15	28°17	S 30
M31	16 31 50	9♈ 0'39	22♈ 44	0♈ 29	8♈ 52	8♈ 11	1°29	3♈ 42	20°43	23°36	22°42	15♈ 12	16♈ 49	28°22	28♈ 15	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14n51	10n 2	5n 2	10n38	1s18	21n10	0n30	24s15	0s55	23n13	0s 8	10s53	2n42	22n30	0n28	7s47	1n45	23n24	9n58	22s20	22s11	14s26	13s32	7n 2	
S 2	15 9	15 42	4 56	11 28	1 9	21 27	0 33	24 17	0 58	23 14	0 8	10 51	2 42	22 29	0 28	7 46	1 45	23 24	9 58	22 21	22 11	14 28	13 32	7 3	
M 3	15 27	20 23	4 29	12 18	1 0	21 43	0 36	24 19	1 1	23 15	0 8	10 50	2 42	22 29	0 28	7 46	1 45	23 24	9 58	22 22	22 12	14 31	13 31	7 3	
T 4	15 45	23 39	3 44	13 8	0 51	21 59	0 38	24 21	1 3	23 15	0 8	10 49	2 42	22 29	0 28	7 45	1 45	23 23	9 57	22 23	22 12	14 33	13 31	7 4	
W 5	16 2	25 13	2 44	13 57	0 41	22 14	0 41	24 23	1 6	23 15	0 8	10 47	2 42	22 29	0 28	7 45	1 45	23 23	9 57	22 24	22 13	14 36	13 30	7 5	
T 6	16 19	25 1	1 35	14 47	0 31	22 28	0 43	24 26	1 9	23 16	0 8	10 46	2 42	22 28	0 28	7 44	1 45	23 23	9 57	22 25	22 13	14 38	13 30	7 5	
F 7	16 36	23 14	0 22	15 35	0 21	22 42	0 46	24 28	1 12	23 16	0 7	10 44	2 42	22 28	0 28	7 43	1 45	23 23	9 57	22 25	22 13	14 40	13 29	7 6	
S 8	16 53	20 10	0s50	16 23	0 10	22 55	0 49	24 30	1 15	23 17	0 7	10 43	2 42	22 28	0 28	7 43	1 45	23 23	9 57	22 25	22 14	14 43	13 29	7 6	
S 9	17 9	16 10	1 56	17 10	0n 0	23 7	0 51	24 33	1 18	23 17	0 7	10 42	2 42	22 27	0 28	7 42	1 45	23 22	9 56	22 25	22 14	14 45	13 28	7 7	
M10	17 25	11 33	2 56	17 56	0 11	23 19	0 54	24 36	1 22	23 18	0 7	10 40	2 42	22 27	0 28	7 42	1 45	23 22	9 56	22 25	22 15	14 47	13 28	7 7	
T 11	17 41	6 35	3 45	18 41	0 22	23 30	0 56	24 38	1 25	23 18	0 7	10 39	2 41	22 27	0 28	7 41	1 45	23 22	9 56	22 25	22 15	14 50	13 27	7 8	
W12	17 57	1 28	4 23	19 24	0 32	23 40	0 58	24 41	1 28	23 18	0 7	10 38	2 41	22 26	0 28	7 41	1 45	23 22	9 56	22 25	22 16	14 52	13 27	7 8	
T 13	18 12	3s38	4 50	20 5	0 42	23 50	1 1	24 44	1 31	23 19	0 7	10 36	2 41	22 26	0 28	7 40	1 45	23 21	9 55	22 26	22 16	14 54	13 26	7 9	
F 14	18 27	8 34	5 3	20 44	0 52	23 59	1 3	24 47	1 35	23 19	0 7	10 35	2 41	22 26	0 28	7 40	1 45	23 21	9 55	22 27	22 16	14 57	13 26	7 9	
S 15	18 41	13 10	5 4	21 21	1 2	24 7	1 6	24 50	1 38	23 19	0 7	10 34	2 41	22 25	0 28	7 39	1 45	23 21	9 55	22 28	22 17	14 59	13 25	7 10	
S 16	18 55	17 17	4 51	21 56	1 11	24 15	1 8	24 53	1 42	23 20	0 6	10 32	2 41	22 25	0 28	7 39	1 45	23 20	9 55	22 29	22 17	15 1	13 25	7 10	
M17	19 9	20 44	4 26	22 28	1 20	24 22	1 10	24 56	1 45	23 20	0 6	10 31	2 41	22 25	0 28	7 38	1 45	23 20	9 55	22 30	22 18	15 4	13 25	7 11	
T 18	19 23	23 20	3 49	22 58	1 28	24 29	1 12	24 59	1 49	23 20	0 6	10 30	2 41	22 24	0 28	7 38	1 45	23 20	9 54	22 31	22 18	15 6	13 24	7 11	
W19	19 36	24 53	3 1	23 26	1 36	24 34	1 15	25 3	1 52	23 20	0 6	10 29	2 41	22 24	0 28	7 38	1 45	23 19	9 54	22 32	22 18	15 8	13 24	7 12	
T 20	19 49	25 15	2 4	23 50	1 43	24 39	1 17	25 6	1 56	23 21	0 6	10 27	2 40	22 23	0 28	7 37	1 45	23 19	9 54	22 33	22 19	15 11	13 24	7 13	
F 21	20 2	24 23	1 0	24 12	1 49	24 43	1 19	25 10	2 0	23 21	0 6	10 26	2 40	22 23	0 28	7 37	1 45	23 19	9 54	22 33	22 19	15 13	13 24	7 13	
S 22	20 14	22 16	0n 7	24 32	1 55	24 47	1 21	25 13	2 3	23 21	0 6	10 25	2 40	22 23	0 28	7 36	1 45	23 18	9 54	22 33	22 20	15 15	13 23	7 14	
S 23	20 26	19 1	1 16	24 49	2 0	24 50	1 23	25 17	2 7	23 21	0 6	10 24	2 40	22 22	0 28	7 36	1 45	23 18	9 53	22 33	22 20	15 18	13 23	7 14	
M24	20 38	14 46	2 22	25 3	2 4	24 52	1 25	25 21	2 11	23 21	0 6	10 23	2 40	22 22	0 28	7 35	1 45	23 18	9 53	22 33	22 21	15 20	13 23	7 15	
T 25	20 49	9 42	3 22	25 15	2 8	24 53	1 27	25 25	2 15	23 21	0 6	10 22	2 40	22 21	0 28	7 35	1 45	23 17	9 53	22 33	22 21	15 22	13 23	7 15	
W26	21 0	4 4	4 12	25 24	2 10	24 54	1 29	25 29	2 19	23 21	0 5	10 21	2 40	22 21	0 28	7 35	1 45	23 17	9 53	22 33	22 21	15 25	13 22	7 15	
T 27	21 10	1n55	4 48	25 31	2 12	24 53	1 30	25 33	2 23	23 21	0 5	10 20	2 39	22 20	0 28	7 34	1 45	23 17	9 52	22 33	22 22	15 27	13 22	7 16	
F 28	21 20	7 56	5 8	25 36	2 13	24 53	1 32	25 37	2 27	23 21	0 5	10 19	2 39	22 20	0 28	7 34	1 45	23 16	9 52	22 33	22 22	15 29	13 22	7 16	
S 29	21 30	13 38	5 7	25 39	2 13	24 51	1 34	25 41	2 31	23 21	0 5	10 18	2 39	22 20	0 28	7 33	1 45	23 16	9 52	22 34	22 23	15 31	13 22	7 17	
S 30	21 39	18 37	4 47	25 39	2 13	24 49	1 36	25 46	2 35	23 21	0 5	10 17	2 39	22 19	0 28	7 33	1 45	23 15	9 52	22 34	22 23	15 34	13 22	7 17	
M31	21n48	22n26	4n 6	25n38	2n11	24n46	1n37	25s00	2s39	23n21	0s 5	10s16	2n39	22n19	0n28	7s33	1n45	23n15	9n52	22s35	22s23	15s36	13s22	7n18	

ASTRODIENST EPHEMERIS for the year 1954

geocentric

JUNE 1954

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 35 46	9II58'11	7II38	1956	1058 4	8°R 5	1542	3°R38	20546	23°R35	22042	15°R 7	16345	28029	28°R14	T 1
W 2	16 39 43	10°55'43	22°19	3°20	11°16	7558	1°55	3II35	20°49	23034	22°43	1534	16°42	28°35	28312	W 2
T 3	16 43 40	11°53'13	6541	4°41	12°28	7°50	2° 8	3°32	20°52	23°33	22°44	15° 2	16°39	28°42	28°10	T 3
F 4	16 47 36	12°50'42	20°37	5°58	13°40	7°42	2°21	3°29	20°55	23°32	22°45	15°D 2	16°36	28°49	28° 8	F 4
S 5	16 51 33	13°48'10	40 8	7°13	14°52	7°33	2°35	3°26	20°58	23°31	22°46	15° 3	16°33	28°56	28° 6	S 5
S 6	16 55 29	14°45'37	17°14	8°24	16° 4	7°23	2°48	3°23	21° 1	23°30	22°47	15° 5	16°29	29° 2	28° 3	S 6
M 7	16 59 26	15°43'02	29°57	9°31	17°15	7°13	3° 1	3°21	21° 4	23°30	22°48	15° 6	16°26	29° 9	28° 1	M 7
T 8	17 3 22	16°40'26	12II21	10°36	18°27	7° 2	3°15	3°18	21° 7	23°29	22°48	15°R 7	16°23	29°16	27°59	T 8
W 9	17 7 19	17°37'50	24°30	11°36	19°39	6°50	3°28	3°15	21°10	23°28	22°49	15° 7	16°20	29°22	27°56	W 9
T 10	17 11 15	18°35'12	6029	12°33	20°50	6°38	3°41	3°13	21°14	23°27	22°50	15° 6	16°17	29°29	27°54	T 10
F 11	17 15 12	19°32'33	18°23	13°27	22° 2	6°24	3°55	3°10	21°17	23°26	22°51	15° 3	16°14	29°36	27°52	F 11
S 12	17 19 9	20°29'53	0II15	14°17	23°13	6°11	4° 8	3° 8	21°20	23°26	22°52	15° 0	16°10	29°43	27°49	S 12
S 13	17 23 5	21°27'12	12° 9	15° 3	24°25	5°57	4°22	3° 6	21°23	23°25	22°53	14°56	16° 7	29°49	27°47	S 13
M14	17 27 2	22°24'31	24° 9	15°45	25°36	5°42	4°35	3° 3	21°27	23°24	22°55	14°52	16° 4	29°56	27°44	M14
T 15	17 30 58	23°21'48	6016	16°22	26°47	5°27	4°49	3° 1	21°30	23°24	22°56	14°49	16° 1	0II 3	27°41	T 15
W16	17 34 55	24°19'05	18°33	16°56	27°58	5°11	5° 2	2°59	21°33	23°23	22°57	14°47	15°58	0° 9	27°39	W16
T 17	17 38 51	25°16'22	13 0	17°26	29° 9	4°55	5°16	2°57	21°37	23°22	22°58	14°45	15°55	0°16	27°36	T 17
F 18	17 42 48	26°13'38	13°39	17°51	0II21	4°38	5°29	2°56	21°40	23°22	22°59	14°D44	15°51	0°23	27°33	F 18
S 19	17 46 44	27°10'53	26°31	18°12	1°32	4°21	5°43	2°54	21°43	23°21	23° 0	14°45	15°48	0°30	27°30	S 19
S 20	17 50 41	28° 8'08	9036	18°28	2°42	4° 4	5°56	2°52	21°47	23°21	23° 1	14°46	15°45	0°36	27°27	S 20
M21	17 54 38	29° 5'23	22°55	18°40	3°53	3°46	6°10	2°51	21°50	23°20	23° 3	14°47	15°42	0°43	27°24	M21
T 22	17 58 34	05 2'37	6028	18°47	5° 4	3°28	6°24	2°49	21°54	23°20	23° 4	14°48	15°39	0°50	27°21	T 22
W23	18 2 31	0°59'52	20°15	18°R50	6°15	3°10	6°37	2°48	21°57	23°20	23° 5	14°49	15°35	0°56	27°18	W23
T 24	18 6 27	1°57'06	4016	18°48	7°26	2°52	6°51	2°46	22° 1	23°19	23° 7	14°R49	15°32	1° 3	27°15	T 24
F 25	18 10 24	2°54'20	18°31	18°42	8°36	2°33	7° 4	2°45	22° 4	23°19	23° 8	14°49	15°29	1°10	27°12	F 25
S 26	18 14 20	3°51'34	2056	18°31	9°47	2°15	7°18	2°44	22° 8	23°19	23° 9	14°48	15°26	1°17	27° 9	S 26
S 27	18 18 17	4°48'49	17°27	18°16	10°57	1°56	7°32	2°43	22°11	23°18	23°11	14°47	15°23	1°23	27° 6	S 27
M28	18 22 13	5°46'03	2II 0	17°57	12° 8	1°37	7°45	2°42	22°15	23°18	23°12	14°46	15°20	1°30	27° 3	M28
T 29	18 26 10	6°43'17	16°30	17°34	13°18	1°19	7°59	2°41	22°18	23°18	23°13	14°45	15°16	1°37	26°59	T 29
W30	18 30 7	7540'32	0550	1758 8	14028	13 0	8513	2II41	22522	23018	23015	14344	15313	1II44	2656	W30

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
T 1	21n57	24n42	3n10	25n35	2n 9	24n42	1n39	25s55	2s43	23n21	0s 5	10s15	2n38	22n18	0n28	7s32	1n45	23n14	9n51	22s35	22s24	15s38	13s22	7n18			
W 2	22 5	25 14	2 1	25 30	2 6	24 38	1 40	25 59	2 47	23 21	0 5	10 14	2 38	22 18	0 28	7 32	1 45	23 14	9 51	22 36	22 24	15 41	13 22	7 19			
T 3	22 13	24 2	0 45	25 24	2 2	24 33	1 42	26 4	2 51	23 21	0 5	10 13	2 38	22 17	0 28	7 32	1 45	23 13	9 51	22 36	22 24	15 43	13 22	7 19			
F 4	22 21	21 22	0s31	25 16	1 58	24 27	1 43	26 8	2 55	23 21	0 4	10 12	2 38	22 17	0 28	7 31	1 45	23 13	9 51	22 36	22 25	15 45	13 21	7 20			
S 5	22 28	17 34	1 43	25 7	1 52	24 20	1 44	26 13	2 59	23 21	0 4	10 12	2 38	22 16	0 28	7 31	1 44	23 13	9 51	22 36	22 25	15 47	13 21	7 20			
S 6	22 34	13 1	2 47	24 57	1 46	24 13	1 45	26 18	3 4	23 21	0 4	10 11	2 37	22 16	0 28	7 31	1 44	23 12	9 51	22 36	22 26	15 50	13 21	7 20			
M 7	22 41	8 2	3 41	24 45	1 39	24 5	1 46	26 22	3 8	23 20	0 4	10 10	2 37	22 15	0 28	7 31	1 44	23 12	9 50	22 35	22 26	15 52	13 21	7 21			
T 8	22 47	2 52	4 24	24 32	1 31	23 57	1 47	26 27	3 12	23 20	0 4	10 9	2 37	22 15	0 28	7 30	1 44	23 11	9 50	22 35	22 26	15 54	13 22	7 21			
W 9	22 52	2s18	4 53	24 19	1 23	23 48	1 48	26 32	3 16	23 20	0 4	10 9	2 37	22 14	0 28	7 30	1 44	23 11	9 50	22 35	22 27	15 56	13 22	7 22			
T 10	22 57	7 19	5 10	24 5	1 14	23 38	1 49	26 37	3 20	23 20	0 4	10 8	2 37	22 14	0 28	7 30	1 44	23 10	9 50	22 35	22 27	15 58	13 22	7 22			
F 11	23 2	12 1	5 13	23 49	1 4	23 27	1 50	26 42	3 24	23 19	0 4	10 7	2 36	22 13	0 28	7 30	1 44	23 10	9 50	22 36	22 28	16 1	13 22	7 22			
S 12	23 6	16 17	5 2	23 34	0 53	23 16	1 51	26 46	3 28	23 19	0 4	10 7	2 36	22 13	0 28	7 29	1 44	23 9	9 49	22 36	22 28	16 3	13 22	7 23			
S 13	23 10	19 55	4 39	23 17	0 42	23 4	1 52	26 51	3 32	23 19	0 4	10 6	2 36	22 12	0 28	7 29	1 44	23 9	9 49	22 37	22 28	16 5	13 22	7 23			
M14	23 14	22 44	4 3	23 1	0 30	22 52	1 52	26 56	3 36	23 18	0 3	10 6	2 36	22 12	0 28	7 29	1 44	23 8	9 49	22 37	22 29	16 7	13 22	7 24			
T 15	23 17	24 35	3 16	22 43	0 17	22 39	1 53	27 0	3 40	23 18	0 3	10 5	2 35	22 11	0 28	7 29	1 44	23 7	9 49	22 37	22 29	16 10	13 22	7 24			
W16	23 19	25 16	2 19	22 26	0 4	22 25	1 53	27 5	3 44	23 18	0 3	10 5	2 35	22 11	0 28	7 29	1 44	23 7	9 49	22 38	22 29	16 12	13 22	7 24			
T 17	23 22	24 42	1 15	22 9	0s10	22 11	1 53	27 9	3 48	23 17	0 3	10 4	2 35	22 10	0 28	7 28	1 44	23 6	9 49	22 38	22 30	16 14	13 23	7 25			
F 18	23 24	22 51	0 6	21 51	0 24	21 56	1 54	27 14	3 52	23 17	0 3	10 4	2 35	22 10	0 28	7 28	1 44	23 6	9 48	22 38	22 30	16 16	13 23	7 25			
S 19	23 25	19 48	1n 5	21 34	0 39	21 41	1 54	27 18	3 56	23 16	0 3	10 4	2 34	22 9	0 28	7 28	1 44	23 5	9 48	22 38	22 31	16 18	13 23	7 25			
S 20	23 26	15 43	2 13	21 16	0 55	21 25	1 54	27 22	4 0	23 16	0 3	10 3	2 34	22 9	0 28	7 28	1 44	23 5	9 48	22 38	22 31	16 20	13 23	7 25			
M21	23 27	10 48	3 15	20 59	1 10	21 8	1 54	27 27	4 3	23 15	0 3	10 3	2 34	22 8	0 28	7 28	1 44	23 4	9 48	22 38	22 31	16 23	13 24	7 26			
T 22	23 27	5 18	4 8	20 42	1 26	20 51	1 54	27 31	4 7	23 15	0 3	10 3	2 34	22 7	0 28	7 28	1 44	23 4	9 48	22 37	22 32	16 25	13 24	7 26			
W23	23 27	0n33	4 48	20 26	1 42	20 33	1 54	27 34	4 10	23 14	0 3	10 2	2 33	22 7	0 28	7 28	1 44	23 3	9 48	22 37	22 32	16 27	13 24	7 26			
T 24	23 26	6 27	5 11	20 10	1 59	20 15	1 54	27 38	4 13	23 14	0 3	10 2	2 33	22 6	0 28	7 27	1 44	23 2	9 47	22 37	22 32	16 29	13 24	7 27			
F 25	23 25	12 7	5 15	19 55	2 15	19 56	1 53	27 42	4 17	23 13	0 2	10 2	2 33	22 6	0 28	7 27	1 44	23 2	9 47	22 37	22 33	16 31	13 25	7 27			
S 26	23 23	17 11	5 1	19 40	2 31	19 37	1 53	27 45	4 20	23 12	0 2	10 2	2 33	22 5	0 28	7 27	1 43	23 1	9 47	22 37	22 33	16 33	13 25	7 27			
S 27	23 21	21 18	4 26	19 26	2 47	19 17	1 52	27 49	4 23	23 12	0 2	10 2	2 32	22 5	0 28	7 27	1 43	23 1	9 47	22 38	22 34	16 36	13 25	7 27			
M28	23 19	24 5	3 35	19 13	3 3	18 57	1 52	27 52	4 26	23 11	0 2	10 2	2 32	22 4	0 28	7 27	1 43	23 0	9 47	22 38	22 34	16 38	13 26	7 28			
T 29	23 17	25 15	2 30	19 1	3 18	18 36	1 51	27 55	4 29	23 10	0 2	10 2	2 32	22 4	0 28	7 27	1 43	22 59	9 47	22 38	22 34	16 40	13 26	7 28			
W30	23n13	24n43	1n16	18n50	3s32	18n15	1n50	27s58	4s21	23n10	0s 2	10s 2	2n32	22n 3	0n28	7s27	1n43	22n59	9n47	22s38	22s35	16s42	13s27	7n28			

ASTRODIENST EPHEMERIS for the year 1954

geocentric

JULY 1954

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 34 3	8°37'46	14°56	16°R39	15°L39	0°R42	8°26	2°R40	22°25	23°R17	23°L16	14°D44	15°310	1°L50	26°R53	T 1
F 2	18 38 0	9°35'00	28°43	16°7	16°49	0°23	8°40	2°L40	22°29	23°L17	23°18	14°344	15° 7	1°57	26°350	F 2
S 3	18 41 56	10°32'14	12°L 9	15°32	17°59	0° 5	8°53	2°39	22°33	23°17	23°19	14°45	15° 4	2° 4	26°46	S 3
S 4	18 45 53	11°29'27	25°13	14°57	19° 9	29°48	9° 7	2°39	22°36	23°17	23°21	14°45	15° 1	2°10	26°43	S 4
M 5	18 49 49	12°26'40	7°M58	14°20	20°19	29°30	9°21	2°39	22°40	23°D17	23°22	14°45	14°57	2°17	26°39	M 5
T 6	18 53 46	13°23'53	20°24	13°43	21°29	29°13	9°34	2°39	22°43	23°17	23°24	14°45	14°54	2°24	26°36	T 6
W 7	18 57 42	14°21'06	2°L35	13° 6	22°38	28°57	9°48	2°D39	22°47	23°17	23°25	14°45	14°51	2°31	26°33	W 7
T 8	19 1 39	15°18'18	14°36	12°30	23°48	28°41	10° 1	2°39	22°51	23°17	23°27	14°45	14°48	2°37	26°29	T 8
F 9	19 5 36	16°15'31	26°30	11°55	24°58	28°25	10°15	2°39	22°54	23°17	23°28	14°45	14°45	2°44	26°26	F 9
S 10	19 9 32	17°12'43	8°L23	11°23	26° 7	28°10	10°29	2°39	22°58	23°17	23°30	14°46	14°41	2°51	26°22	S 10
S 11	19 13 29	18° 9'56	20°19	10°53	27°16	27°55	10°42	2°40	23° 2	23°18	23°32	14°46	14°38	2°57	26°19	S 11
M12	19 17 25	19° 7'08	2°L22	10°26	28°26	27°41	10°56	2°40	23° 5	23°18	23°33	14°46	14°35	3° 4	26°15	M12
T 13	19 21 22	20° 4'20	14°35	10° 4	29°35	27°28	11° 9	2°41	23° 9	23°18	23°35	14°47	14°32	3°11	26°12	T 13
W14	19 25 18	21° 1'33	27° 2	9°45	0°M44	27°15	11°23	2°41	23°13	23°18	23°36	14°47	14°29	3°18	26° 8	W14
T 15	19 29 15	21°58'46	9°L43	9°31	1°53	27° 3	11°36	2°42	23°16	23°19	23°38	14°R48	14°26	3°24	26° 5	T 15
F 16	19 33 11	22°55'59	22°41	9°21	3° 2	26°52	11°50	2°43	23°20	23°19	23°40	14°48	14°22	3°31	26° 1	F 16
S 17	19 37 8	23°53'12	5°L55	9°D17	4°11	26°42	12° 3	2°44	23°24	23°19	23°41	14°47	14°19	3°38	25°58	S 17
S 18	19 41 5	24°50'26	19°25	9°18	5°19	26°32	12°17	2°45	23°27	23°20	23°43	14°46	14°16	3°44	25°54	S 18
M19	19 45 1	25°47'40	3°L 8	9°25	6°28	26°23	12°30	2°46	23°31	23°20	23°45	14°45	14°13	3°51	25°50	M19
T 20	19 48 58	26°44'55	17° 3	9°37	7°36	26°14	12°43	2°47	23°35	23°21	23°47	14°43	14°10	3°58	25°47	T 20
W21	19 52 54	27°42'10	1°L 6	9°55	8°45	26° 7	12°57	2°49	23°38	23°21	23°48	14°42	14° 7	4° 5	25°43	W21
T 22	19 56 51	28°39'26	15°16	10°19	9°53	26° 0	13°10	2°50	23°42	23°22	23°50	14°41	14° 3	4°11	25°40	T 22
F 23	20 0 47	29°36'44	29°29	10°48	11° 1	25°54	13°23	2°52	23°45	23°22	23°52	14°D41	14° 0	4°18	25°36	F 23
S 24	20 4 44	0°L34'02	13°L43	11°24	12° 9	25°49	13°37	2°53	23°49	23°23	23°54	14°41	13°57	4°25	25°33	S 24
S 25	20 8 40	1°31'21	27°56	12° 5	13°17	25°44	13°50	2°55	23°53	23°23	23°55	14°42	13°54	4°31	25°29	S 25
M26	20 12 37	2°28'41	12°L 5	12°51	14°25	25°41	14° 3	2°57	23°56	23°24	23°57	14°43	13°51	4°38	25°26	M26
T 27	20 16 34	3°26'02	26° 7	13°43	15°32	25°38	14°16	2°59	24° 0	23°25	23°59	14°44	13°47	4°45	25°22	T 27
W28	20 20 30	4°23'24	10°L 0	14°41	16°40	25°37	14°30	3° 1	24° 4	23°25	24° 1	14°R45	13°44	4°52	25°19	W28
T 29	20 24 27	5°20'47	23°42	15°44	17°47	25°36	14°43	3° 3	24° 7	23°26	24° 3	14°45	13°41	4°58	25°15	T 29
F 30	20 28 23	6°18'10	7°L10	16°53	18°54	25°D35	14°56	3° 5	24°11	23°27	24° 5	14°44	13°38	5° 5	25°12	F 30
S 31	20 32 20	7°L15'35	20°L22	18°27	20°M 1	25°L36	15°29	3°M 7	24°L14	23°L28	24°L 6	14°L42	13°L35	5°M12	25°L 8	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	23n10	22n35	0s 1	18n40	3s46	17n53	1n49	28s 1	4s34	23n 9	0s 2	10s 2	2n31	22n 2	0n28	T 1
F 2	23 6	19 10	1 17	18 32	3 59	17 31	1 48	28 3	4 36	23 8	0 2	10 2	2 31	22 2	0 28	F 2
S 3	23 2	14 49	2 26	18 24	4 10	17 9	1 47	28 5	4 39	23 7	0 2	10 2	2 31	22 1	0 28	S 3
S 4	22 57	9 53	3 26	18 18	4 21	16 46	1 46	28 8	4 41	23 6	0 2	10 2	2 31	22 1	0 28	S 4
M 5	22 52	4 39	4 14	18 12	4 30	16 22	1 45	28 10	4 43	23 6	0 1	10 2	2 30	22 0	0 28	M 5
T 6	22 46	0s37	4 49	18 9	4 37	15 59	1 43	28 12	4 45	23 5	0 1	10 3	2 30	21 59	0 28	T 6
W 7	22 40	5 46	5 10	18 6	4 43	15 35	1 42	28 13	4 47	23 4	0 1	10 3	2 30	21 59	0 28	W 7
T 8	22 34	10 37	5 17	18 5	4 48	15 10	1 40	28 15	4 48	23 3	0 1	10 3	2 30	21 58	0 28	T 8
F 9	22 27	15 3	5 10	18 5	4 51	14 45	1 39	28 16	4 50	23 2	0 1	10 3	2 29	21 58	0 28	F 9
S 10	22 20	18 53	4 50	18 7	4 52	14 20	1 37	28 17	4 51	23 1	0 1	10 4	2 29	21 57	0 28	S 10
S 11	22 13	21 58	4 18	18 9	4 51	13 54	1 35	28 18	4 53	23 0	0 1	10 4	2 29	21 56	0 28	S 11
M12	22 5	24 8	3 34	18 13	4 50	13 29	1 33	28 19	4 54	22 59	0 1	10 5	2 28	21 56	0 28	M12
T 13	21 57	25 12	2 40	18 19	4 46	13 2	1 31	28 20	4 55	22 58	0 1	10 5	2 28	21 55	0 28	T 13
W14	21 48	25 2	1 37	18 25	4 41	12 36	1 29	28 21	4 56	22 57	0 1	10 5	2 28	21 55	0 28	W14
T 15	21 39	23 33	0 28	18 32	4 35	12 9	1 27	28 21	4 57	22 56	0 0	10 6	2 28	21 54	0 28	T 15
F 16	21 30	20 49	0n44	18 40	4 27	11 42	1 24	28 22	4 57	22 55	0 0	10 7	2 27	21 53	0 28	F 16
S 17	21 20	16 57	1 54	18 49	4 18	11 15	1 22	28 22	4 58	22 54	0 0	10 7	2 27	21 53	0 28	S 17
S 18	21 10	12 9	3 0	18 59	4 9	10 47	1 19	28 22	4 58	22 53	0 0	10 8	2 27	21 52	0 28	S 18
M19	21 0	6 41	3 57	19 10	3 58	10 20	1 17	28 22	4 59	22 51	0 0	10 8	2 27	21 51	0 28	M19
T 20	20 49	0 49	4 40	19 20	3 46	9 52	1 14	28 22	4 59	22 50	0 0	10 9	2 26	21 51	0 28	T 20
W21	20 38	5n 8	5 7	19 31	3 34	9 24	1 11	28 22	4 59	22 49	0n 0	10 10	2 26	21 50	0 28	W21
T 22	20 26	10 52	5 16	19 43	3 20	8 55	1 8	28 22	4 59	22 48	0 0	10 11	2 26	21 50	0 28	T 22
F 23	20 14	16 3	5 5	19 54	3 7	8 26	1 5	28 22	4 59	22 47	0 0	10 11	2 26	21 49	0 28	F 23
S 24	20 2	20 21	4 36	20 5	2 53	7 58	1 2	28 21	4 59	22 45	0 0	10 12	2 25	21 48	0 28	S 24
S 25	19 50	23 27	3 50	20 16	2 38	7 29	0 59	28 21	4 58	22 44	0 0	10 13	2 25	21 48	0 28	S 25
M26	19 37	25 4	2 51	20 27	2 24	7 0	0 56	28 20	4 58	22 43	0 1	10 14	2 25	21 47	0 28	M26
T 27	19 24	25 4	1 41	20 36	2 9	6 30	0 52	28 20	4 58	22 42	0 1	10 15	2 24	21 47	0 28	T 27
W28	19 10	23 30	0 26	20 45	1 54	6 1	0 49	28 19	4 57	22 40	0 1	10 16	2 24	21 46	0 28	W28
T 29	18 56	20 34	0s49	20 53	1 38	5 31	0 45	28 19	4 56	22 39	0 1	10 17	2 24	21 45	0 28	T 29
F 30	18 42	16 33	2 0	21 0	1 23	5 2	0 41	28 18	4 56	22 38	0 1	10 18	2 24	21 45	0 28	F 30
S 31	18n28	11n48	3s 3	21n 5	1s 9	4n32	0n38	28s17	4s55	22n36	0n 1	10s19	2n23	21n44	0n28	S 31

Julian Day Number = 2434924.5, Delta T = 30.84 sec
 Ecliptic obliquity = 23°26'45", Nutation = 0°00'17", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°06'17", Lahiri = 23°13'17"

ASTRODIENST EPHEMERIS for the year 1954
geocentric

OCTOBER 1954

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 36 46	7♌16°57	20♍48	2♌11	20♍20	17♌26	26♌34	8♍0	27♌12	25♌7	25♌59	10°R11	10♌18	12♌8	23°D 5	F 1
S 2	0 40 43	8°15'59	2♌37	3°20	21°1	18°1	26°42	8°7	27°14	25°9	26°1	10♌4	10°15	12°14	23♌5	S 2
S 3	0 44 39	9°15'02	14°28	4°27	21°41	18°35	26°50	8°13	27°16	25°11	26°2	10°0	10°11	12°21	23°5	S 3
M 4	0 48 36	10°14'07	26°26	5°32	22°20	19°11	26°57	8°20	27°17	25°13	26°4	9°59	10°8	12°28	23°6	M 4
T 5	0 52 32	11°13'14	8♌37	6°35	22°57	19°46	27°5	8°27	27°19	25°15	26°5	9°58	10°5	12°34	23°6	T 5
W 6	0 56 29	12°12'23	21°5	7°36	23°34	20°22	27°12	8°33	27°21	25°17	26°7	9°58	10°2	12°41	23°6	W 6
T 7	1 0 26	13°11'33	3♌55	8°33	24°9	20°58	27°20	8°40	27°22	25°20	26°8	9°57	9°59	12°48	23°7	T 7
F 8	1 4 22	14°10'45	17°13	9°28	24°43	21°34	27°27	8°47	27°23	25°22	26°10	9°54	9°56	12°54	23°7	F 8
S 9	1 8 19	15°9'59	1♌0	10°20	25°16	22°10	27°34	8°54	27°25	25°24	26°11	9°48	9°52	13°1	23°8	S 9
S 10	1 12 15	16°9'15	15°18	11°8	25°47	22°47	27°41	9°0	27°26	25°26	26°12	9°40	9°49	13°8	23°9	S 10
M 11	1 16 12	17°8'32	0♌1	11°53	26°16	23°23	27°47	9°7	27°27	25°28	26°14	9°30	9°46	13°15	23°9	M 11
T 12	1 20 8	18°7'52	15°5	12°33	26°45	24°0	27°54	9°14	27°29	25°31	26°15	9°19	9°43	13°21	23°10	T 12
W 13	1 24 5	19°7'13	0♌18	13°9	27°11	24°37	28°0	9°21	27°30	25°33	26°16	9°8	9°40	13°28	23°11	W 13
T 14	1 28 1	20°6'37	15°30	13°40	27°36	25°15	28°7	9°28	27°31	25°35	26°18	8°58	9°36	13°35	23°12	T 14
F 15	1 31 58	21°6'03	0♌31	14°6	27°59	25°52	28°13	9°35	27°32	25°37	26°19	8°51	9°33	13°41	23°13	F 15
S 16	1 35 54	22°5'31	15°13	14°26	28°20	26°30	28°19	9°42	27°33	25°40	26°20	8°47	9°30	13°48	23°14	S 16
S 17	1 39 51	23°5'02	29°31	14°39	28°40	27°8	28°25	9°49	27°34	25°42	26°21	8°46	9°27	13°55	23°15	S 17
M 18	1 43 48	24°4'35	13♌23	14°R45	28°58	27°46	28°30	9°56	27°35	25°44	26°22	8°D45	9°24	14°1	23°17	M 18
T 19	1 47 44	25°4'10	26°52	14°44	29°13	28°24	28°36	10°3	27°36	25°46	26°24	8°R45	9°21	14°8	23°18	T 19
W 20	1 51 41	26°3'47	9♌59	14°35	29°27	29°2	28°41	10°10	27°37	25°49	26°25	8°45	9°17	14°15	23°19	W 20
T 21	1 55 37	27°3'27	22°47	14°17	29°38	29°41	28°46	10°17	27°37	25°51	26°26	8°42	9°14	14°22	23°21	T 21
F 22	1 59 34	28°3'08	5♌20	13°51	29°48	0♌19	28°51	10°24	27°38	25°53	26°27	8°37	9°11	14°28	23°22	F 22
S 23	2 3 30	29°2'53	17°42	13°16	29°55	0°58	28°56	10°31	27°39	25°55	26°28	8°28	9°8	14°35	23°24	S 23
S 24	2 7 27	0♌2'39	29°54	12°32	0♌0	1°37	29°0	10°38	27°39	25°58	26°29	8°18	9°5	14°42	23°26	S 24
M 25	2 11 23	1°2'27	11♌59	11°39	0°3	2°16	29°5	10°46	27°40	26°0	26°30	8°5	9°1	14°48	23°28	M 25
T 26	2 15 20	2°2'17	23°57	10°39	0°R4	2°56	29°9	10°53	27°40	26°2	26°31	7°52	8°58	14°55	23°29	T 26
W 27	2 19 17	3°2'10	5♌51	9°32	0°2	3°35	29°13	11°0	27°41	26°4	26°32	7°40	8°55	15°2	23°31	W 27
T 28	2 23 13	4°2'04	17°42	8°19	29♌57	4°15	29°17	11°7	27°41	26°6	26°33	7°29	8°52	15°8	23°33	T 28
F 29	2 27 10	5°2'00	29°31	7°3	29°51	4°54	29°21	11°14	27°42	26°9	26°34	7°20	8°49	15°15	23°35	F 29
S 30	2 31 6	6°1'58	11♌21	5°46	29°41	5°34	29°25	11°21	27°42	26°11	26°35	7°14	8°46	15°22	23°38	S 30
S 31	2 35 3	7♌1'58	23♌13	4♌30	29♌30	6♌14	29♌28	11♌29	27♌42	26♌13	26♌36	7♌10	8♌42	15♌29	23♌40	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	decl	lat
F 1	2s53	21s38	3s49	14s26	2s21	22s41	5s3	25s25	3s8	20n59	0n8	12s7	2n11	21n12	0n30	8s11	1n39	22n7	9n52	23s3	23s3	19s38	14s28	7n6			
S 2	3 17	23 41	3 4	14 56	2 28	22 58	5 8	25 19	3 6	20 57	0 8	12 9	2 11	21 12	0 30	8 11	1 39	22 7	9 53	23 4	23 3	19 40	14 29	7 5			
S 3	3 40	24 42	2 10	15 25	2 34	23 13	5 13	25 12	3 4	20 56	0 8	12 11	2 11	21 12	0 30	8 12	1 39	22 7	9 53	23 4	23 3	19 42	14 29	7 5			
M 4	4 3	24 35	1 11	15 53	2 40	23 29	5 18	25 5	3 2	20 55	0 8	12 14	2 11	21 12	0 30	8 13	1 39	22 6	9 53	23 4	23 4	19 43	14 30	7 4			
T 5	4 26	23 17	0 7	16 20	2 46	23 44	5 23	24 58	3 0	20 53	0 8	12 16	2 11	21 11	0 30	8 14	1 39	22 6	9 53	23 4	23 4	19 45	14 30	7 4			
W 6	4 50	20 50	0n58	16 45	2 51	23 58	5 28	24 51	2 58	20 52	0 9	12 18	2 10	21 11	0 30	8 15	1 39	22 6	9 54	23 4	23 4	19 47	14 31	7 3			
T 7	5 13	17 17	2 3	17 8	2 56	24 11	5 33	24 43	2 57	20 51	0 9	12 20	2 10	21 11	0 30	8 15	1 39	22 6	9 54	23 4	23 4	19 48	14 31	7 3			
F 8	5 36	12 46	3 3	17 31	3 1	24 24	5 38	24 35	2 55	20 49	0 9	12 22	2 10	21 11	0 30	8 16	1 39	22 5	9 54	23 5	23 4	19 50	14 32	7 2			
S 9	5 58	7 27	3 55	17 51	3 5	24 37	5 42	24 28	2 53	20 48	0 9	12 25	2 10	21 10	0 30	8 17	1 39	22 5	9 54	23 5	23 5	19 51	14 32	7 1			
S 10	6 21	1 35	4 34	18 10	3 9	24 49	5 47	24 20	2 51	20 47	0 9	12 27	2 10	21 10	0 30	8 18	1 39	22 5	9 55	23 6	23 5	19 53	14 32	7 1			
M11	6 44	4n32	4 57	18 27	3 12	25 0	5 51	24 12	2 49	20 46	0 9	12 29	2 10	21 10	0 30	8 19	1 39	22 5	9 55	23 6	23 5	19 55	14 33	7 0			
T 12	7 7	10 32	4 59	18 42	3 15	25 11	5 55	24 3	2 47	20 44	0 9	12 31	2 10	21 10	0 30	8 19	1 39	22 5	9 55	23 7	23 5	19 56	14 33	7 0			
W13	7 29	15 57	4 41	18 55	3 17	25 20	5 58	23 55	2 45	20 43	0 10	12 34	2 10	21 9	0 30	8 20	1 39	22 4	9 56	23 8	23 6	19 58	14 34	6 59			
T 14	7 52	20 21	4 2	19 5	3 18	25 30	6 2	23 46	2 43	20 42	0 10	12 36	2 10	21 9	0 30	8 21	1 39	22 4	9 56	23 9	23 6	19 59	14 34	6 59			
F 15	8 14	23 19	3 8	19 14	3 18	25 38	6 5	23 37	2 41	20 41	0 10	12 38	2 10	21 9	0 30	8 22	1 39	22 4	9 56	23 9	23 6	20 1	14 34	6 58			
S 16	8 36	24 38	2 1	19 19	3 18	25 46	6 8	23 28	2 39	20 40	0 10	12 41	2 9	21 9	0 30	8 23	1 39	22 4	9 57	23 9	23 6	20 2	14 35	6 58			
S 17	8 58	24 15	0 49	19 21	3 16	25 53	6 10	23 19	2 38	20 39	0 10	12 43	2 9	21 9	0 30	8 24	1 39	22 4	9 57	23 9	23 7	20 4	14 35	6 57			
M18	9 20	22 22	0s25	19 20	3 13	25 59	6 13	23 9	2 36	20 38	0 10	12 45	2 9	21 9	0 30	8 24	1 39	22 4	9 57	23 9	23 7	20 6	14 35	6 57			
T 19	9 42	19 15	1 34	19 16	3 9	26 5	6 15	23 0	2 34	20 37	0 10	12 47	2 9	21 8	0 30	8 25	1 39	22 3	9 57	23 9	23 7	20 7	14 36	6 56			
W 20	10 4	15 13	2 38	19 8	3 3	26 10	6 16	22 50	2 32	20 36	0 11	12 50	2 9	21 8	0 30	8 26	1 39	22 3	9 58	23 9	23 7	20 9	14 36	6 56			
T 21	10 26	10 36	3 31	18 56	2 56	26 13	6 18	22 40	2 30	20 35	0 11	12 52	2 9	21 8	0 30	8 27	1 39	22 3	9 58	23 10	23 7	20 10	14 36	6 55			
F 22	10 47	5 38	4 13	18 40	2 47	26 16	6 19	22 30	2 28	20 34	0 11	12 54	2 9	21 8	0 30	8 28	1 39	22 3	9 58	23 10	23 8	20 12	14 36	6 55			
S 23	11 8	0 31	4 43	18 19	2 37	26 18	6 19	22 20	2 26	20 33	0 11	12 56	2 9	21 8	0 30	8 28	1 39	22 3	9 59	23 10	23 8	20 13	14 37	6 54			
S 24	11 29	4s32	4 59	17 54	2 25	26 20	6 19	22 9	2 25	20 33	0 11	12 59	2 9	21 8	0 30	8 29	1 39	22 3	9 59	23 11	23 8	20 15	14 37	6 54			
M25	11 50	9 21	5 1	17 24	2 11	26 20	6 19	21 59	2 23	20 32	0 11	13 1	2 9	21 8	0 30	8 30	1 39	22 3	9 59	23 12	23 8	20 16	14 37	6 53			
T 26	12 11	13 47	4 50	16 51	1 55	26 19	6 18	21 48	2 21	20 31	0 11	13 3	2 9	21 8	0 30	8 31	1 39	22 3	10 0	23 13	23 9	20 18	14 37	6 53			
W27	12 32	17 40	4 27	16 13	1 38	26 17	6 16	21 37	2 19	20 30	0 12	13 5	2 9	21 8	0 31	8 32	1 39	22 3	10 0	23 13	23 9	20 19	14 38	6 52			
T 28	12 52	20 49	3 52	15 32	1 19	26 14	6 14	21 25	2 17	20 30	0 12	13 8	2 9	21 8	0 31	8 32	1 39	22 3	10 0	23 14	23 9	20 21	14 38	6 52			
F 29	13 12	23 5	3 7	14 49	1 0	26 10	6 12	21 14	2 15	20 29	0 12	13 10	2 9	21 8	0 31	8 33	1 39	22 3	10 1	23 15	23 9	20 22	14 38	6 51			
S 30	13 32	24 21	2 13	14 4	0 39	26 5	6 9	21 3	2 14	20 29	0 12	13 12	2 9	21 8	0 31	8 34	1 39	22 3	10 1	23 15	23 9	20 24	14 38	6 51			
S 31	13s52	24s30	1s14	13s19	0s18	25s59	6s5	20s51	2s12	20n28	0n12	13s14	2n9	21n8	0n31	8s35	1n39	22n3	10n1	23s15	23s10	20s25	14s38	6n50			

ASTRODIENST EPHEMERIS for the year 1954
geocentric

NOVEMBER 1954

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 38 59	8♉ 2'00	5♊13	3°R18	29°R16	6♉54	29♊31	11♉36	27♊42	26♉15	26♉36	7°D 9	8♊39	15♉35	23♊42	M 1
T 2	2 42 56	9° 2'03	17°23	2♉11	28♉59	7°34	29°34	11°43	27°42	26°18	26°37	7♊ 9	8°36	15°42	23°44	T 2
W 3	2 46 52	10° 2'08	29°48	1°12	28°41	8°15	29°37	11°50	27°R42	26°20	26°38	7°10	8°33	15°49	23°47	W 3
T 4	2 50 49	11° 2'14	12♉34	0°22	28°20	8°55	29°40	11°57	27°42	26°22	26°39	7°R11	8°30	15°55	23°49	T 4
F 5	2 54 46	12° 2'22	25°45	29♉43	27°56	9°36	29°42	12° 5	27°42	26°24	26°39	7°10	8°27	16° 2	23°52	F 5
S 6	2 58 42	13° 2'31	9♊24	29°15	27°31	10°16	29°44	12°12	27°42	26°26	26°40	7° 7	8°23	16° 9	23°54	S 6
S 7	3 2 39	14° 2'42	23°32	28°59	27° 4	10°57	29°46	12°19	27°42	26°28	26°41	7° 2	8°20	16°15	23°57	S 7
M 8	3 6 35	15° 2'54	8♉ 9	28°D55	26°35	11°38	29°48	12°26	27°42	26°31	26°41	6°55	8°17	16°22	24° 0	M 8
T 9	3 10 32	16° 3'08	23° 9	29° 1	26° 4	12°19	29°50	12°33	27°42	26°33	26°42	6°47	8°14	16°29	24° 3	T 9
W10	3 14 28	17° 3'24	8♊24	29°18	25°32	13° 0	29°52	12°41	27°41	26°35	26°43	6°39	8°11	16°35	24° 5	W10
T 11	3 18 25	18° 3'41	23°44	29°45	24°58	13°41	29°53	12°48	27°41	26°37	26°43	6°32	8° 7	16°42	24° 8	T 11
F 12	3 22 21	19° 4'00	8♉57	0♉21	24°23	14°22	29°54	12°55	27°40	26°39	26°44	6°27	8° 4	16°49	24°11	F 12
S 13	3 26 18	20° 4'21	23°54	1° 5	23°48	15° 3	29°55	13° 2	27°40	26°41	26°44	6°24	8° 1	16°56	24°14	S 13
S 14	3 30 15	21° 4'44	8♊26	1°57	23°12	15°45	29°56	13° 9	27°39	26°43	26°45	6°D24	7°58	17° 2	24°17	S 14
M15	3 34 11	22° 5'09	22°32	2°54	22°35	16°26	29°56	13°17	27°39	26°45	26°45	6°25	7°55	17° 9	24°21	M15
T 16	3 38 8	23° 5'35	6♉10	3°57	21°59	17° 8	29°56	13°24	27°38	26°47	26°46	6°26	7°52	17°16	24°24	T 16
W17	3 42 4	24° 6'04	19°22	5° 5	21°22	17°49	29°R57	13°31	27°37	26°49	26°46	6°R27	7°48	17°22	24°27	W17
T 18	3 46 1	25° 6'34	2♉11	6°16	20°46	18°31	29°57	13°38	27°37	26°52	26°46	6°27	7°45	17°29	24°30	T 18
F 19	3 49 57	26° 7'06	14°41	7°32	20°11	19°13	29°56	13°45	27°36	26°54	26°47	6°25	7°42	17°36	24°34	F 19
S 20	3 53 54	27° 7'39	26°57	8°50	19°37	19°55	29°56	13°52	27°35	26°56	26°47	6°21	7°39	17°42	24°37	S 20
S 21	3 57 50	28° 8'15	9♉ 2	10°11	19° 3	20°36	29°55	13°59	27°34	26°58	26°47	6°16	7°36	17°49	24°41	S 21
M22	4 1 47	29° 8'52	20°59	11°34	18°31	21°18	29°54	14° 6	27°33	26°59	26°47	6° 9	7°33	17°56	24°44	M22
T 23	4 5 44	0♉ 9'31	2♉52	12°59	18° 1	22° 0	29°53	14°13	27°32	27° 1	26°48	6° 2	7°29	18° 2	24°48	T 23
W24	4 9 40	1°10'11	14°42	14°26	17°32	22°43	29°52	14°20	27°31	27° 3	26°48	5°55	7°26	18° 9	24°52	W24
T 25	4 13 37	2°10'53	26°32	15°53	17° 6	23°25	29°50	14°27	27°30	27° 5	26°48	5°49	7°23	18°16	24°55	T 25
F 26	4 17 33	3°11'36	8♉24	17°22	16°41	24° 7	29°49	14°34	27°29	27° 7	26°48	5°45	7°20	18°23	24°59	F 26
S 27	4 21 30	4°12'21	20°19	18°52	16°18	24°49	29°47	14°41	27°28	27° 9	26°48	5°42	7°17	18°29	25° 3	S 27
S 28	4 25 26	5°13'07	2♊19	20°22	15°57	25°31	29°45	14°48	27°26	27°11	26°48	5°D40	7°13	18°36	25° 7	S 28
M29	4 29 23	6°13'54	14°26	21°53	15°39	26°14	29°42	14°55	27°25	27°13	26°R48	5°41	7°10	18°43	25°11	M29
T 30	4 33 19	7♉14'42	26♊44	23♉24	15♉23	26♉56	29♊40	15♉ 2	27♊24	27♉15	26♉48	5♊42	7♊ 7	18♉49	25♊15	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	14s11	23s31	0s10	12s35	0n 2	25s52	6s 1	20s39	2s10	20n27	0n12	13s17	2n 9	21n 8	0n31	8s36	1n39	22n 3	10n 2	23s15	23s10	20s27	14s38	6n50					
T 2	14 31	21 25	0n55	11 53	0 22	25 43	5 56	20 27	2 8	20 27	0 13	13 19	2 8	21 8	0 31	8 36	1 39	22 3	10 2	23 15	23 10	20 28	14 38	6 49					
W 3	14 50	18 16	1 58	11 15	0 41	25 33	5 50	20 15	2 6	20 27	0 13	13 21	2 8	21 8	0 31	8 37	1 39	22 3	10 2	23 15	23 10	20 30	14 38	6 49					
T 4	15 9	14 11	2 58	10 41	0 59	25 22	5 43	20 2	2 5	20 26	0 13	13 23	2 8	21 8	0 31	8 38	1 39	22 3	10 3	23 15	23 10	20 31	14 38	6 48					
F 5	15 27	9 19	3 51	10 12	1 15	25 10	5 36	19 50	2 3	20 26	0 13	13 26	2 8	21 8	0 31	8 39	1 40	22 3	10 3	23 15	23 11	20 33	14 39	6 48					
S 6	15 45	3 51	4 32	9 49	1 29	24 56	5 28	19 37	2 1	20 25	0 13	13 28	2 8	21 8	0 31	8 39	1 40	22 3	10 4	23 15	23 11	20 34	14 39	6 47					
S 7	16 3	2n 0	4 58	9 32	1 41	24 41	5 20	19 24	1 59	20 25	0 13	13 30	2 8	21 8	0 31	8 40	1 40	22 3	10 4	23 16	23 11	20 36	14 39	6 47					
M 8	16 21	7 56	5 7	9 21	1 52	24 25	5 11	19 11	1 58	20 25	0 13	13 32	2 8	21 8	0 31	8 41	1 40	22 4	10 4	23 16	23 11	20 37	14 39	6 46					
T 9	16 39	13 33	4 54	9 15	2 1	24 8	5 1	18 58	1 56	20 25	0 14	13 34	2 8	21 8	0 31	8 42	1 40	22 4	10 5	23 16	23 11	20 38	14 39	6 46					
W10	16 56	18 26	4 21	9 14	2 8	23 50	4 50	18 45	1 54	20 25	0 14	13 36	2 8	21 8	0 31	8 42	1 40	22 4	10 5	23 17	23 12	20 40	14 39	6 45					
T 11	17 13	22 5	3 29	9 19	2 13	23 31	4 39	18 31	1 53	20 25	0 14	13 39	2 8	21 8	0 31	8 43	1 40	22 4	10 5	23 17	23 12	20 41	14 39	6 45					
F 12	17 30	24 9	2 23	9 28	2 17	23 11	4 27	18 17	1 51	20 24	0 14	13 41	2 8	21 8	0 31	8 44	1 40	22 4	10 6	23 17	23 12	20 43	14 38	6 44					
S 13	17 46	24 25	1 7	9 41	2 19	22 49	4 14	18 4	1 49	20 24	0 14	13 43	2 8	21 9	0 31	8 45	1 40	22 4	10 6	23 17	23 12	20 44	14 38	6 44					
S 14	18 2	23 0	0s11	9 58	2 20	22 28	4 1	17 50	1 47	20 24	0 14	13 45	2 8	21 9	0 31	8 45	1 40	22 4	10 6	23 17	23 12	20 46	14 38	6 44					
M15	18 18	20 9	1 26	10 17	2 20	22 5	3 47	17 36	1 46	20 24	0 15	13 47	2 8	21 9	0 31	8 46	1 40	22 5	10 7	23 17	23 13	20 47	14 38	6 43					
T 16	18 33	16 15	2 34	10 40	2 19	21 42	3 33	17 22	1 44	20 25	0 15	13 49	2 8	21 9	0 31	8 47	1 40	22 5	10 7	23 17	23 13	20 48	14 38	6 43					
W17	18 48	11 40	3 32	11 4	2 17	21 18	3 19	17 7	1 42	20 25	0 15	13 51	2 8	21 9	0 31	8 47	1 40	22 5	10 8	23 17	23 13	20 50	14 38	6 42					
T 18	19 3	6 42	4 17	11 30	2 14	20 54	3 4	16 53	1 41	20 25	0 15	13 54	2 8	21 9	0 31	8 48	1 40	22 5	10 8	23 17	23 13	20 51	14 38	6 42					
F 19	19 17	1 36	4 48	11 58	2 10	20 30	2 49	16 38	1 39	20 25	0 15	13 56	2 8	21 10	0 31	8 49	1 40	22 5	10 8	23 17	23 13	20 52	14 38	6 41					
S 20	19 31	3s28	5 6	12 27	2 6	20 6	2 33	16 23	1 38	20 25	0 15	13 58	2 8	21 10	0 31	8 50	1 40	22 6	10 9	23 18	23 13	20 54	14 37	6 41					
S 21	19 45	8 19	5 10	12 57	2 2	19 42	2 18	16 8	1 36	20 26	0 16	14 0	2 8	21 10	0 31	8 50	1 40	22 6	10 9	23 18	23 14	20 55	14 37	6 41					
M22	19 58	12 49	5 0	13 28	1 57	19 18	2 2	15 53	1 34	20 26	0 16	14 2	2 8	21 10	0 31	8 51	1 40	22 6	10 9	23 18	23 14	20 57	14 37	6 40					
T 23	20 11	16 48	4 37	13 59	1 51	18 55	1 47	15 38	1 33	20 26	0 16	14 4	2 9	21 10	0 31	8 52	1 40	22 6	10 10	23 18	23 14	20 58	14 37	6 40					
W24	20 24	20 7	4 3	14 30	1 45	18 32	1 31	15 23	1 31	20 27	0 16	14 6	2 9	21 11	0 31	8 52	1 40	22 7	10 10	23 19	23 14	20 59	14 37	6 39					
T 25	20 36	22 35	3 18	15 1	1 39	18 9	1 16	15 8	1 29	20 27	0 16	14 8	2 9	21 11	0 32	8 53	1 40	22 7	10 10	23 19	23 14	21 1	14 36	6 39					
F 26	20 48	24 5	2 24	15 32	1 33	17 48	1 1	14 52	1 28	20 28	0 16	14 10	2 9	21 11	0 32	8 54	1 40	22 7	10 11	23 19	23 15	21 2	14 36	6 39					
S 27	20 59	24 28	1 23	16 3	1 26	17 27	0 46	14 36	1 26	20 28	0 17	14 12	2 9	21 11	0 32	8 54	1 40	22 8	10 11	23 19	23 15	21 3	14 36	6 38					
S 28	21 11	23 44	0 18	16 34	1 19	17 7	0 31	14 21	1 25	20 29	0 17	14 14	2 9	21 12	0 32	8 55	1 40	22 8	10 12	23 19	23 15	21 5	14 35	6 38					
M29	21 21	21 52	0n48	17 4	1 12	16 48	0 16	14 5	1 23	20 30	0 17	14 16	2 9	21 12	0 32	8 55	1 40	22 8											
T 30	21s31	18s58	1n53	17s34	1n 6	16s29	0s 2	13s49	1s22	20n30	0n17	14s18	2n 9	21n12	0n32	8s56	1n40	22n 9	10n12	23s19	23s15	21s 7	14s35	6n37					

ASTRODIENST EPHEMERIS for the year 1954
geocentric

DECEMBER 1954

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 37 16	8♌15'31	9♍15	24♎56	15°R10	27♏39	29°R37	15♐ 9	27°R22	27♑16	26°R48	5♒44	7♓ 4	18♎56	25♏19	W 1
T 2	4 41 13	9°16'21	22° 2	26°28	14♎59	28°21	29♏35	15°16	27♏21	27°18	26♑48	5°45	7° 1	19° 3	25°23	T 2
F 3	4 45 9	10°17'12	5♌10	28° 0	14°51	29° 4	29°31	15°22	27°19	27°20	26°48	5°R46	6°58	19° 9	25°27	F 3
S 4	4 49 6	11°18'04	18°40	29°33	14°45	29°46	29°28	15°29	27°18	27°22	26°48	5°46	6°54	19°16	25°31	S 4
S 5	4 53 2	12°18'56	2♊36	1♌ 6	14°41	0♈29	29°25	15°36	27°16	27°23	26°47	5°45	6°51	19°23	25°35	S 5
M 6	4 56 59	13°19'49	16°55	2°38	14°D40	1°12	29°21	15°43	27°15	27°25	26°47	5°43	6°48	19°29	25°40	M 6
T 7	5 0 55	14°20'44	1♌37	4°11	14°41	1°54	29°17	15°49	27°13	27°27	26°47	5°40	6°45	19°36	25°44	T 7
W 8	5 4 52	15°21'38	16°36	5°44	14°45	2°37	29°13	15°56	27°11	27°29	26°47	5°37	6°42	19°43	25°48	W 8
T 9	5 8 48	16°22'34	1♐43	7°18	14°51	3°20	29° 9	16° 2	27° 9	27°30	26°47	5°35	6°39	19°49	25°53	T 9
F 10	5 12 45	17°23'31	16°50	8°51	15° 0	4° 3	29° 5	16° 9	27° 8	27°32	26°46	5°33	6°35	19°56	25°57	F 10
S 11	5 16 42	18°24'28	1♌48	10°24	15°10	4°45	29° 0	16°15	27° 6	27°33	26°46	5°D32	6°32	20° 3	26° 1	S 11
S 12	5 20 38	19°25'27	16°27	11°57	15°23	5°28	28°56	16°22	27° 4	27°35	26°46	5°32	6°29	20°10	26° 6	S 12
M13	5 24 35	20°26'26	0♑42	13°31	15°38	6°11	28°51	16°28	27° 2	27°36	26°45	5°33	6°26	20°16	26°10	M13
T 14	5 28 31	21°27'27	14°31	15° 4	15°56	6°54	28°46	16°35	27° 0	27°38	26°45	5°35	6°23	20°23	26°15	T 14
W15	5 32 28	22°28'28	27°52	16°38	16°15	7°37	28°41	16°41	26°58	27°39	26°44	5°36	6°19	20°30	26°20	W15
T 16	5 36 24	23°29'30	10♐49	18°12	16°36	8°20	28°35	16°47	26°56	27°41	26°44	5°37	6°16	20°36	26°24	T 16
F 17	5 40 21	24°30'33	23°23	19°46	16°59	9° 3	28°30	16°53	26°54	27°42	26°43	5°R37	6°13	20°43	26°29	F 17
S 18	5 44 18	25°31'38	5♌40	21°20	17°24	9°46	28°24	17° 0	26°52	27°44	26°43	5°37	6°10	20°50	26°34	S 18
S 19	5 48 14	26°32'43	17°44	22°54	17°50	10°29	28°18	17° 6	26°50	27°45	26°42	5°36	6° 7	20°56	26°38	S 19
M20	5 52 11	27°33'48	29°39	24°28	18°19	11°12	28°13	17°12	26°48	27°46	26°42	5°35	6° 4	21° 3	26°43	M20
T 21	5 56 7	28°34'55	11♎29	26° 2	18°49	11°55	28° 6	17°18	26°46	27°48	26°41	5°34	6° 0	21°10	26°48	T 21
W22	6 0 4	29°36'03	23°18	27°37	19°20	12°38	28° 0	17°24	26°43	27°49	26°40	5°33	5°57	21°16	26°53	W22
T 23	6 4 0	0♓37'11	5♌ 9	29°12	19°53	13°21	27°54	17°30	26°41	27°50	26°40	5°32	5°54	21°23	26°57	T 23
F 24	6 7 57	1°38'19	17° 6	0♓47	20°28	14° 4	27°47	17°36	26°39	27°52	26°39	5°32	5°51	21°30	27° 2	F 24
S 25	6 11 53	2°39'29	29° 9	2°22	21° 4	14°47	27°41	17°41	26°37	27°53	26°38	5°32	5°48	21°36	27° 7	S 25
S 26	6 15 50	3°40'38	11♓22	3°58	21°41	15°30	27°34	17°47	26°34	27°54	26°37	5°D32	5°45	21°43	27°12	S 26
M27	6 19 47	4°41'48	23°44	5°33	22°20	16°13	27°27	17°53	26°32	27°55	26°37	5°32	5°41	21°50	27°17	M27
T 28	6 23 43	5°42'58	6♌18	7° 9	23° 0	16°56	27°20	17°59	26°29	27°56	26°36	5°R32	5°38	21°57	27°22	T 28
W29	6 27 40	6°44'08	19° 5	8°46	23°41	17°39	27°13	18° 4	26°27	27°57	26°35	5°32	5°35	22° 3	27°27	W29
T 30	6 31 36	7°45'18	2♈ 6	10°22	24°23	18°22	27° 6	18°10	26°25	27°58	26°34	5°31	5°32	22°10	27°32	T 30
F 31	6 35 33	8♓46'28	15♌22	11♓59	25♎ 6	19♈ 6	26♏58	18♎15	26♏22	27♑59	26♑33	5♒31	5♓29	22♎17	27♓37	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	21s41	15s 9	2n54	18s 4	0n58	16s12	0n12	13s33	1s20	20n31	0n17	14s20	2n 9	21n13	0n32	8s57	1n40	22n 9	10n13	23s19	23s15	21s 9	14s34	6n37							
T 2	21 51	10 34	3 48	18 32	0 51	15 56	0 25	13 17	1 18	20 32	0 18	14 22	2 9	21 13	0 32	8 57	1 40	22 9	10 13	23 19	23 16	21 10	14 34	6 36							
F 3	22 0	5 25	4 31	19 0	0 44	15 41	0 38	13 0	1 17	20 33	0 18	14 24	2 9	21 13	0 32	8 58	1 40	22 10	10 13	23 19	23 16	21 11	14 34	6 36							
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