



Astrodienst Ephemeris Tables for the year 1959

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 1959
geocentric

JANUARY 1959

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 39 36	9☾49'09	21♐11	17♏37	22☾2	17♏26	23♐58	29♏28	15°R40	6♐34	4°R 4	18°R20	18♏3	4♏58	19♏46	T 1	
F 2	6 43 33	10°50'19	5♏0	18°45	23°18	17°35	24°9	29°35	15♏38	6°35	4♐3	18♏19	18°0	5°5	19°50	F 2	
S 3	6 47 29	11°51'28	18°59	19°57	24°33	17°44	24°20	29°42	15°36	6°36	4°3	18°19	17°57	5°11	19°53	S 3	
S 4	6 51 26	12°52'38	3♐8	21°10	25°48	17°54	24°31	29°49	15°34	6°37	4°2	18°18	17°54	5°18	19°57	S 4	
M 5	6 55 22	13°53'48	17°26	22°25	27°3	18°5	24°42	29°56	15°32	6°38	4°1	18°16	17°51	5°25	20°1	M 5	
T 6	6 59 19	14°54'58	1♏51	23°42	28°19	18°16	24°52	0☾3	15°30	6°40	4°0	18°11	17°47	5°31	20°5	T 6	
W 7	7 3 15	15°56'09	16°18	25°0	29°34	18°28	25°3	0°10	15°28	6°41	3°59	18°0	17°44	5°38	20°8	W 7	
T 8	7 7 12	16°57'20	0☾42	26°20	0♏49	18°41	25°13	0°17	15°26	6°42	3°58	17°52	17°41	5°44	20°12	T 8	
F 9	7 11 8	17°58'30	14°57	27°40	2°5	18°54	25°24	0°24	15°24	6°43	3°57	17°40	17°38	5°51	20°16	F 9	
S 10	7 15 5	18°59'40	28°56	29°2	3°20	19°8	25°34	0°31	15°21	6°44	3°56	17°27	17°35	5°58	20°20	S 10	
S 11	7 19 2	20°0'50	12♏35	0☾25	4°35	19°22	25°44	0°37	15°19	6°45	3°55	17°14	17°32	6°4	20°24	S 11	
M12	7 22 58	21°2'00	25°51	1°49	5°50	19°36	25°54	0°44	15°17	6°46	3°54	17°4	17°28	6°11	20°28	M12	
T 13	7 26 55	22°3'09	8♏44	3°13	7°6	19°52	26°4	0°51	15°14	6°46	3°53	16°57	17°25	6°18	20°32	T 13	
W14	7 30 51	23°4'17	21°15	4°39	8°21	20°7	26°14	0°58	15°12	6°47	3°52	16°52	17°22	6°24	20°35	W14	
T 15	7 34 48	24°5'25	3♏27	6°5	9°36	20°24	26°24	1°5	15°10	6°48	3°51	16°50	17°19	6°31	20°39	T 15	
F 16	7 38 44	25°6'32	15°26	7°32	10°51	20°40	26°34	1°11	15°7	6°49	3°50	16°D49	17°16	6°38	20°43	F 16	
S 17	7 42 41	26°7'38	27°17	9°0	12°6	20°58	26°43	1°18	15°5	6°50	3°49	16°R49	17°13	6°44	20°48	S 17	
S 18	7 46 37	27°8'44	9♏4	10°28	13°21	21°15	26°53	1°25	15°2	6°50	3°48	16°49	17°9	6°51	20°52	S 18	
M19	7 50 34	28°9'48	20°55	11°57	14°37	21°33	27°2	1°31	15°0	6°51	3°47	16°46	17°6	6°58	20°56	M19	
T 20	7 54 31	29°10'52	2♏53	13°27	15°52	21°52	27°11	1°38	14°57	6°52	3°46	16°42	17°3	7°4	21°0	T 20	
W21	7 58 27	0♏11'55	15°3	14°57	17°7	22°11	27°20	1°44	14°55	6°52	3°44	16°34	17°0	7°11	21°4	W21	
T 22	8 2 24	1°12'57	27°29	16°28	18°22	22°30	27°29	1°51	14°52	6°53	3°43	16°25	16°57	7°18	21°8	T 22	
F 23	8 6 20	2°13'59	10♏13	17°59	19°37	22°50	27°38	1°57	14°50	6°53	3°42	16°13	16°53	7°24	21°12	F 23	
S 24	8 10 17	3°14'59	23°15	19°31	20°52	23°10	27°47	2°4	14°47	6°54	3°41	16°0	16°50	7°31	21°16	S 24	
S 25	8 14 13	4°15'59	6♏34	21°4	22°7	23°31	27°56	2°10	14°45	6°54	3°39	15°47	16°47	7°38	21°21	S 25	
M26	8 18 10	5°16'58	20°8	22°37	23°22	23°52	28°4	2°16	14°42	6°55	3°38	15°36	16°44	7°44	21°25	M26	
T 27	8 22 6	6°17'56	3♐54	24°11	24°37	24°13	28°13	2°23	14°40	6°55	3°37	15°28	16°41	7°51	21°29	T 27	
W28	8 26 3	7°18'53	17°49	25°46	25°52	24°35	28°21	2°29	14°37	6°56	3°35	15°22	16°38	7°58	21°33	W28	
T 29	8 30 0	8°19'50	1♏49	27°21	27°7	24°57	28°29	2°35	14°34	6°56	3°34	15°19	16°34	8°4	21°37	T 29	
F 30	8 33 56	9°20'46	15°52	28°57	28°22	25°19	28°37	2°41	14°32	6°56	3°33	15°D18	16°31	8°11	21°42	F 30	
S 31	8 37 53	10♏21'41	29♏57	0♏34	29♏37	25♏42	28♐45	2☾47	14♏29	6♐57	3♐31	15♏19	16♏28	8♏18	21♏46	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	
T 1	23s 5	1n23	2s18	21s14	1n38	22s48	1s11	18n50	1n52	17s51	0n56	22s29	0n57	16n49	0n42	12s 4	1n44	21n13	12n 4	7s11	7s 5	11n46	9s 6	6n 5	5n 4	4n 3	3n 2	
F 2	23 0	3s 3	1 10	21 29	1 29	22 37	1 12	18 53	1 53	17 54	0 56	22 29	0 57	16 49	0 42	12 4	1 44	21 14	12 4	7 11	7 4	11 47	9 5	6 5	5 4	4 3	3 2	
S 3	22 55	7 23	0n 4	21 43	1 21	22 26	1 14	18 56	1 53	17 57	0 57	22 29	0 57	16 50	0 42	12 5	1 44	21 14	12 5	7 11	7 3	11 49	9 4	6 5	5 4	4 3	3 2	
S 4	22 49	11 21	1 18	21 57	1 12	22 13	1 15	19 0	1 54	17 59	0 57	22 29	0 57	16 50	0 42	12 5	1 44	21 15	12 5	7 11	7 1	11 50	9 3	6 5	5 4	4 3	3 2	
M 5	22 43	14 41	2 28	22 10	1 4	22 0	1 17	19 3	1 55	18 2	0 57	22 29	0 57	16 51	0 42	12 5	1 44	21 16	12 6	7 10	7 0	11 51	9 3	6 4	5 3	4 2	3 1	
T 6	22 36	17 8	3 28	22 23	0 55	21 47	1 18	19 7	1 55	18 4	0 57	22 30	0 57	16 52	0 42	12 6	1 45	21 16	12 6	7 8	6 59	11 53	9 2	6 4	5 3	4 2	3 1	
W 7	22 29	18 29	4 16	22 34	0 46	21 32	1 19	19 11	1 56	18 7	0 57	22 30	0 57	16 52	0 42	12 6	1 45	21 17	12 6	7 5	6 58	11 54	9 1	6 4	5 3	4 2	3 1	
T 8	22 22	18 39	4 47	22 45	0 38	21 17	1 21	19 15	1 56	18 9	0 57	22 30	0 57	16 53	0 42	12 6	1 45	21 18	12 7	7 1	6 56	11 56	9 0	6 4	5 3	4 2	3 1	
F 9	22 14	17 38	5 0	22 56	0 30	21 2	1 22	19 19	1 56	18 12	0 57	22 30	0 57	16 54	0 42	12 7	1 45	21 18	12 7	6 56	6 55	11 57	8 59	6 3	5 2	4 1	3 0	
S 10	22 6	15 34	4 54	23 5	0 21	20 46	1 23	19 23	1 57	18 14	0 57	22 30	0 57	16 54	0 42	12 7	1 45	21 19	12 7	6 51	6 54	11 59	8 58	6 3	5 2	4 1	3 0	
S 11	21 57	12 41	4 32	23 13	0 13	20 29	1 24	19 27	1 57	18 16	0 57	22 30	0 57	16 55	0 42	12 7	1 45	21 20	12 8	6 46	6 53	12 0	8 57	6 3	5 2	4 1	3 0	
M 12	21 48	9 13	3 55	23 20	0 5	20 11	1 25	19 31	1 58	18 19	0 57	22 30	0 57	16 56	0 42	12 7	1 45	21 20	12 8	6 42	6 52	12 1	8 56	6 3	5 2	4 1	3 0	
T 13	21 38	5 24	3 7	23 27	0s 2	19 53	1 26	19 36	1 58	18 21	0 57	22 30	0 57	16 57	0 42	12 8	1 45	21 21	12 8	6 39	6 50	12 3	8 55	6 2	5 1	4 0	2 9	
W 14	21 28	1 28	2 11	23 32	0 10	19 35	1 27	19 41	1 58	18 23	0 57	22 30	0 57	16 57	0 42	12 8	1 45	21 22	12 9	6 38	6 49	12 4	8 54	6 2	5 1	4 0	2 9	
T 15	21 18	2n27	1 10	23 36	0 17	19 16	1 28	19 45	1 59	18 25	0 57	22 30	0 57	16 58	0 42	12 8	1 45	21 22	12 9	6 37	6 48	12 5	8 53	6 2	5 1	4 0	2 9	
F 16	21 7	6 11	0 7	23 38	0 25	18 56	1 29	19 50	1 59	18 28	0 57	22 30	0 57	16 59	0 42	12 8	1 45	21 23	12 9	6 37	6 47	12 7	8 52	6 2	5 1	4 0	2 9	
S 17	20 56	9 39	0s55	23 40	0 32	18 36	1 29	19 55	1 59	18 30	0 57	22 30	0 57	16 59	0 42	12 8	1 45	21 24	12 10	6 37	6 46	12 8	8 51	6 2	5 1	4 0	2 9	
S 18	20 44	12 42	1 55	23 40	0 39	18 15	1 30	20 0	1 59	18 32	0 58	22 30	0 57	17 0	0 42	12 8	1 45	21 25	12 10	6 36	6 44	12 10	8 50	6 1	4 0	2 8	1 7	
M 19	20 32	15 15	2 50	23 40	0 45	17 54	1 31	20 5	2 0	18 34	0 58	22 29	0 57	17 1	0 42	12 9	1 45	21 25	12 10	6 36	6 43	12 11	8 49	6 1	4 0	2 8	1 7	
T 20	20 19	17 10	3 39	23 38	0 52	17 32	1 31	20 10	2 0	18 36	0 58	22 29	0 57	17 2	0 42	12 9	1 45	21 26	12 10	6 34	6 42	12 12	8 47	6 1	4 0	2 8	1 7	
W 21	20 7	18 20	4 18	23 34	0 58	17 10	1 32	20 15	2 0	18 38	0 58	22 29	0 56	17 2	0 42	12 9	1 45	21 27	12 11	6 31	6 41	12 14	8 46	6 1	4 0	2 8	1 7	
T 22	19 53	18 40	4 45	23 29	1 4	16 47	1 32	20 20	2 0	18 40	0 58	22 29	0 56	17 3	0 43	12 9	1 45	21 27	12 11	6 27	6 39	12 15	8 45	6 1	4 0	2 8	1 7	
F 23	19 40	18 4	5 0	23 24	1 10	16 24	1 32	20 25	2 0	18 42	0 58	22 29	0 56	17 4	0 43	12 9	1 46	21 28	12 11	6 23	6 38	12 16	8 44	6 1	4 0	2 8	1 7	
S 24	19 26	16 31	4 59	23 16	1 16	16 0	1 32	20 30	2 0	18 44	0 58	22 29	0 56	17 5	0 43	12 9	1 46	21 29	12 12	6 18	6 37	12 18	8 43	6 0	3 9	2 8	1 6	
S 25	19 12	14 4	4 42	23 8	1 21	15 36	1 33	20 36	2 0	18 45	0 58	22 29	0 56	17 5	0 43	12 9	1 46	21 30	12 12	6 13	6 36	12 19	8 42	6 0	3 9	2 8	1 6	
M 26	18 57	10 50	4 9	22 58	1 26	15 11	1 33	20 41	2 0	18 47	0 58	22 29	0 56	17 6	0 43	12 10	1 46	21 30	12 12	6 9	6 35	12 21	8 41	6 0	3 9	2 8	1 6	
T 27	18 42	6 57	3 21	22 46	1 31	14 47	1 33	20 46	2 0	18 49	0 58	22 29	0 56	17 7	0 43	12 10	1 46	21 31	12 12	6 5	6 33	12 22	8 39	6 0	3 9	2 8	1 6	
W 28	18 27	2 39	2 21	22 34	1 36	14 21	1 33	20 52	2 1	18 51	0 58	22 29	0 56	17 8	0 43	12 10	1 46	21 32	12 13	6 3	6 32	12 23	8 38	6 0	3 9	2 8	1 6	
T 29	18 11	1s49	1 11	22 19	1 40	13 56	1 33	20 57	2 1	18 52	0 58	22 29	0 56	17 9	0 43	12 10	1 46	21 32	12 13	6 2	6 31	12 25	8 37	6 0	3 9	2 8	1 6	
F 30	17 55	6 12	0n 3	22 4	1 44	13 29	1 33	21 3	2 1	18 54	0 59	22 29	0 56	17 9	0 43	12 10	1 46	21 33	12 13	6 2	6 30	12 26	8 36	6 0	3 9	2 8	1 6	
S 31	17s39	10s15	1n17	21s47	1s47	13s 3	1s32	21n 8	2n 1	18s56	0n59	22s28	0n56	17n10	0n43	12s10	1n46	21n34	12n13	6s 2	6s28	12n27	8s34	5n59	4n 5	3n 4	2n 3	1n 2

ASTRODIENST EPHEMERIS for the year 1959
geocentric

FEBRUARY 1959

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 41 49	11°22'36	14♈ 3	2°11	0°52	26°8 5	28♈53	2°53	14°R27	6♈57	3°R30	15°R19	16°25	8°24	21°50	S 1
M 2	8 45 46	12°23'29	28° 8	3°49	2° 6	26°28	29° 0	2°59	14°Q24	6°57	3°R29	15°18	16°22	8°31	21°55	M 2
T 3	8 49 42	13°24'23	12°13	5°27	3°21	26°52	29° 8	3° 5	14°21	6°57	3°27	15°14	16°18	8°37	21°59	T 3
W 4	8 53 39	14°25'15	26°14	7° 7	4°36	27°16	29°15	3°11	14°19	6°57	3°26	15° 8	16°15	8°44	22° 3	W 4
T 5	8 57 35	15°26'07	10°3 9	8°47	5°51	27°40	29°22	3°17	14°16	6°57	3°24	15° 0	16°12	8°51	22° 7	T 5
F 6	9 1 32	16°26'57	23°56	10°28	7° 6	28° 4	29°30	3°23	14°13	6°58	3°23	14°50	16° 9	8°57	22°12	F 6
S 7	9 5 29	17°27'46	7°31	12° 9	8°20	28°29	29°36	3°29	14°11	6°58	3°22	14°40	16° 6	9° 4	22°16	S 7
S 8	9 9 25	18°28'35	20°50	13°52	9°35	28°54	29°43	3°35	14° 8	6°R58	3°20	14°30	16° 3	9°11	22°20	S 8
M 9	9 13 22	19°29'21	3°52	15°35	10°50	29°19	29°50	3°40	14° 6	6°58	3°19	14°22	15°59	9°17	22°25	M 9
T 10	9 17 18	20°30'07	16°35	17°19	12° 5	29°45	29°56	3°46	14° 3	6°57	3°17	14°15	15°56	9°24	22°29	T 10
W11	9 21 15	21°30'51	29° 1	19° 4	13°19	0°11	0°3 3	3°51	14° 0	6°57	3°16	14°12	15°53	9°31	22°33	W11
T 12	9 25 11	22°31'33	11°19	20°50	14°34	0°37	0° 9	3°57	13°58	6°57	3°14	14°D10	15°50	9°37	22°38	T 12
F 13	9 29 8	23°32'14	23°11	22°36	15°48	1° 3	0°15	4° 2	13°55	6°57	3°13	14°11	15°47	9°44	22°42	F 13
S 14	9 33 4	24°32'53	5° 2	24°23	17° 3	1°30	0°21	4° 8	13°53	6°57	3°11	14°12	15°44	9°51	22°46	S 14
S 15	9 37 1	25°33'31	16°50	26°11	18°17	1°57	0°27	4°13	13°50	6°57	3°10	14°13	15°40	9°57	22°51	S 15
M16	9 40 58	26°34'07	28°41	28° 0	19°32	2°24	0°32	4°18	13°47	6°56	3° 8	14°R14	15°37	10° 4	22°55	M16
T 17	9 44 54	27°34'41	10°13	29°50	20°46	2°51	0°37	4°23	13°45	6°56	3° 7	14°12	15°34	10°11	22°59	T 17
W18	9 48 51	28°35'14	22°51	1°40	22° 1	3°18	0°43	4°28	13°42	6°56	3° 5	14° 9	15°31	10°17	23° 4	W18
T 19	9 52 47	29°35'44	5°19	3°31	23°15	3°46	0°48	4°33	13°40	6°55	3° 4	14° 4	15°28	10°24	23° 8	T 19
F 20	9 56 44	0°36'13	18° 8	5°22	24°29	4°14	0°53	4°38	13°37	6°55	3° 2	13°58	15°24	10°31	23°12	F 20
S 21	10 0 40	1°36'40	1°19	7°15	25°44	4°42	0°57	4°43	13°35	6°55	3° 1	13°51	15°21	10°37	23°17	S 21
S 22	10 4 37	2°37'06	14°53	9° 7	26°58	5°10	1° 2	4°48	13°32	6°54	2°59	13°43	15°18	10°44	23°21	S 22
M23	10 8 33	3°37'29	28°46	11° 0	28°12	5°39	1° 7	4°53	13°30	6°54	2°57	13°37	15°15	10°51	23°25	M23
T 24	10 12 30	4°37'51	12°17	12°53	29°26	6° 7	1°11	4°58	13°28	6°53	2°56	13°32	15°12	10°57	23°29	T 24
W25	10 16 27	5°38'11	27°18	14°45	0°41	6°36	1°15	5° 2	13°25	6°52	2°54	13°29	15° 9	11° 4	23°34	W25
T 26	10 20 23	6°38'30	11°46	16°38	1°55	7° 5	1°19	5° 7	13°23	6°52	2°53	13°D28	15° 5	11°11	23°38	T 26
F 27	10 24 20	7°38'47	26°15	18°30	3° 9	7°34	1°23	5°11	13°21	6°51	2°51	13°29	15° 2	11°17	23°42	F 27
S 28	10 28 16	8°39'03	10°13	20°21	4°23	8°11	1°26	5°16	13°18	6°51	2°50	13°30	14°59	11°24	23°46	S 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	17s22	13s43	2n27	21s28	1s51	12s36	1s32	21n14	2n 1	18s57	0n59	22s28	0n56	17n11	0n43	S 1
M 2	17 5	16 22	3 28	21 9	1 54	12 9	1 32	21 19	2 1	18 59	0 59	22 28	0 56	17 12	0 43	M 2
T 3	16 48	18 2	4 16	20 47	1 57	11 42	1 31	21 25	2 1	19 0	0 59	22 28	0 56	17 12	0 43	T 3
W 4	16 30	18 35	4 48	20 25	1 59	11 14	1 31	21 30	2 1	19 2	0 59	22 28	0 56	17 13	0 43	W 4
T 5	16 13	18 1	5 3	20 1	2 1	10 46	1 30	21 36	2 0	19 3	0 59	22 28	0 56	17 14	0 43	T 5
F 6	15 54	16 23	5 1	19 35	2 3	10 17	1 29	21 41	2 0	19 5	0 59	22 28	0 56	17 15	0 43	F 6
S 7	15 36	13 52	4 41	19 8	2 4	9 49	1 29	21 47	2 0	19 6	0 59	22 28	0 56	17 15	0 43	S 7
S 8	15 17	10 40	4 6	18 39	2 5	9 20	1 28	21 52	2 0	19 8	0 59	22 27	0 56	17 16	0 43	S 8
M 9	14 59	7 0	3 19	18 9	2 5	8 51	1 27	21 58	2 0	19 9	1 0	22 27	0 56	17 17	0 43	M 9
T 10	14 39	3 6	2 23	17 38	2 5	8 22	1 26	22 3	2 0	19 10	1 0	22 27	0 56	17 18	0 43	T 10
W11	14 20	0n51	1 21	17 5	2 5	7 52	1 25	22 9	2 0	19 11	1 0	22 27	0 56	17 18	0 43	W11
T 12	14 0	4 41	0 16	16 31	2 4	7 22	1 24	22 14	2 0	19 13	1 0	22 27	0 56	17 19	0 43	T 12
F 13	13 41	8 16	0s48	15 55	2 3	6 52	1 23	22 19	2 0	19 14	1 0	22 27	0 56	17 20	0 43	F 13
S 14	13 20	11 28	1 50	15 18	2 1	6 22	1 22	22 25	2 0	19 15	1 0	22 26	0 56	17 21	0 43	S 14
S 15	13 0	14 12	2 47	14 39	1 59	5 52	1 20	22 30	1 59	19 16	1 0	22 26	0 56	17 21	0 43	S 15
M16	12 40	16 20	3 37	13 59	1 56	5 21	1 19	22 35	1 59	19 17	1 0	22 26	0 56	17 22	0 43	M16
T 17	12 19	17 47	4 18	13 17	1 53	4 51	1 18	22 41	1 59	19 18	1 0	22 26	0 56	17 23	0 43	T 17
W18	11 58	18 27	4 48	12 35	1 49	4 20	1 16	22 46	1 59	19 19	1 1	22 26	0 56	17 24	0 43	W18
T 19	11 37	18 15	5 6	11 50	1 44	3 49	1 15	22 51	1 59	19 20	1 1	22 26	0 56	17 24	0 43	T 19
F 20	11 16	17 7	5 8	11 5	1 39	3 18	1 13	22 56	1 59	19 21	1 1	22 25	0 56	17 25	0 43	F 20
S 21	10 54	15 4	4 55	10 18	1 34	2 47	1 11	23 1	1 58	19 22	1 1	22 25	0 56	17 26	0 43	S 21
S 22	10 33	12 9	4 25	9 30	1 28	2 16	1 10	23 6	1 58	19 22	1 1	22 25	0 56	17 26	0 43	S 22
M23	10 11	8 29	3 39	8 41	1 21	1 45	1 8	23 11	1 58	19 23	1 1	22 25	0 56	17 27	0 43	M23
T 24	9 49	4 16	2 38	7 51	1 13	1 14	1 6	23 16	1 58	19 24	1 1	22 25	0 56	17 28	0 43	T 24
W25	9 27	0s16	1 27	7 1	1 5	0 43	1 4	23 21	1 58	19 25	1 1	22 25	0 56	17 29	0 43	W25
T 26	9 5	4 48	0 9	6 9	0 57	0 11	1 2	23 25	1 57	19 25	1 1	22 24	0 56	17 29	0 43	T 26
F 27	8 42	9 3	1n 9	5 17	0 47	0n20	1 0	23 30	1 57	19 26	1 2	22 24	0 56	17 30	0 43	F 27
S 28	8s20	12s45	2n23	4s24	0s37	0n51	0s58	23n35	1n57	19s27	1n 2	22s24	0n56	17n31	0n43	S 28

Julian Day Number = 2436600.5, Delta T = 32.72 sec
Ecliptic obliquity = 23°26'32, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°10'08, Lahiri = 23°17'08

ASTRODIENST EPHEMERIS for the year 1959

geocentric

MARCH 1959

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 32 13	9 ^h 39'17"	24 ^m 57"	22 ^h 11'	5 ^h Y37	8 ^h II33	1 ^h 29	5 ^h 20	13°R16	6°R50	2°R48	13 ^h 21	14 ^h 56	11 ^h 831	23 ^h 50	S 1
M 2	10 36 9	10°39'30"	9 ^h 5'	23°59'	6°51'	9° 2'	1°33'	5°24'	13 ^h 14	6 ^h 49	2 ^h 47	13°R32	14°53'	11°37'	23°55'	M 2
T 3	10 40 6	11°39'42"	23° 2'	25°46'	8° 4'	9°32'	1°36'	5°28'	13°11'	6°49'	2°45'	13°32'	14°50'	11°44'	23°59'	T 3
W 4	10 44 2	12°39'51"	6 ^h 348	27°30'	9°18'	10° 2'	1°39'	5°32'	13° 9'	6°48'	2°44'	13°30'	14°46'	11°51'	24° 3'	W 4
T 5	10 47 59	13°40'00"	20°22'	29°11'	10°32'	10°32'	1°41'	5°36'	13° 7'	6°47'	2°42'	13°26'	14°43'	11°57'	24° 7'	T 5
F 6	10 51 56	14°40'07"	3 ^h 43	0 ^h Y49	11°46'	11° 2'	1°44'	5°40'	13° 5'	6°46'	2°41'	13°22'	14°40'	12° 4'	24°11'	F 6
S 7	10 55 52	15°40'12"	16°52'	2°23'	13° 0'	11°32'	1°46'	5°44'	13° 3'	6°45'	2°39'	13°17'	14°37'	12°11'	24°15'	S 7
S 8	10 59 49	16°40'15"	29°46'	3°52'	14°13'	12° 3'	1°48'	5°48'	13° 1'	6°44'	2°38'	13°13'	14°34'	12°17'	24°19'	S 8
M 9	11 3 45	17°40'16"	12 ^h 38	5°16'	15°27'	12°33'	1°50'	5°52'	12°59'	6°43'	2°36'	13° 9'	14°30'	12°24'	24°23'	M 9
T 10	11 7 42	18°40'16"	24°55'	6°35'	16°40'	13° 4'	1°52'	5°55'	12°57'	6°43'	2°35'	13° 7'	14°27'	12°31'	24°27'	T 10
W 11	11 11 38	19°40'14"	7 ^h Y11	7°47'	17°54'	13°35'	1°54'	5°59'	12°55'	6°42'	2°33'	13°D 5	14°24'	12°37'	24°31'	W 11
T 12	11 15 35	20°40'09"	19°15'	8°53'	19° 7'	14° 6'	1°55'	6° 2'	12°53'	6°41'	2°32'	13° 5'	14°21'	12°44'	24°35'	T 12
F 13	11 19 31	21°40'03"	1 ^h 11	9°52'	20°21'	14°37'	1°56'	6° 6'	12°51'	6°40'	2°31'	13° 6'	14°18'	12°51'	24°39'	F 13
S 14	11 23 28	22°39'54"	13° 1'	10°43'	21°34'	15° 8'	1°57'	6° 9'	12°49'	6°38'	2°29'	13° 8'	14°15'	12°57'	24°43'	S 14
S 15	11 27 24	23°39'44"	24°49'	11°27'	22°48'	15°39'	1°58'	6°12'	12°47'	6°37'	2°28'	13°10'	14°11'	13° 4'	24°47'	S 15
M 16	11 31 21	24°39'31"	6 ^h II40	12° 2'	24° 1'	16°11'	1°59'	6°15'	12°46'	6°36'	2°26'	13°11'	14° 8'	13°10'	24°51'	M 16
T 17	11 35 18	25°39'16"	18°38'	12°30'	25°14'	16°42'	1°59'	6°18'	12°44'	6°35'	2°25'	13°12'	14° 5'	13°17'	24°55'	T 17
W 18	11 39 14	26°38'59"	0 ^h 547	12°49'	26°27'	17°14'	1°59'	6°21'	12°42'	6°34'	2°24'	13°R12	14° 2'	13°24'	24°59'	W 18
T 19	11 43 11	27°38'39"	13°13'	12°59'	27°40'	17°46'	1°R59	6°24'	12°40'	6°33'	2°22'	13°11'	13°59'	13°30'	25° 3'	T 19
F 20	11 47 7	28°38'17"	26° 0'	13°R 1	28°53'	18°18'	1°59'	6°26'	12°39'	6°32'	2°21'	13°10'	13°55'	13°37'	25° 6'	F 20
S 21	11 51 4	29°37'53"	9 ^h 10	12°56'	0 ^h 8 6	18°50'	1°59'	6°29'	12°37'	6°31'	2°20'	13° 8'	13°52'	13°44'	25°10'	S 21
S 22	11 55 0	0 ^h Y37'27"	22°46'	12°42'	1°19'	19°22'	1°59'	6°32'	12°36'	6°29'	2°18'	13° 7'	13°49'	13°50'	25°14'	S 22
M 23	11 58 57	1°36'58"	6 ^h 17	12°21'	2°32'	19°54'	1°58'	6°34'	12°34'	6°28'	2°17'	13° 5'	13°46'	13°57'	25°18'	M 23
T 24	12 2 53	2°36'28"	21°11'	11°53'	3°45'	20°26'	1°57'	6°36'	12°33'	6°27'	2°16'	13° 4'	13°43'	14° 4'	25°21'	T 24
W 25	12 6 50	3°35'55"	5 ^h 52	11°19'	4°58'	20°58'	1°56'	6°39'	12°32'	6°25'	2°14'	13°D 3	13°40'	14°10'	25°25'	W 25
T 26	12 10 47	4°35'20"	20°44'	10°40'	6°10'	21°31'	1°55'	6°41'	12°30'	6°24'	2°13'	13° 3'	13°36'	14°17'	25°28'	T 26
F 27	12 14 43	5°34'43"	5 ^h 140	9°57'	7°23'	22° 3'	1°53'	6°43'	12°29'	6°23'	2°12'	13° 4'	13°33'	14°24'	25°32'	F 27
S 28	12 18 40	6°34'04"	20°30'	9°10'	8°35'	22°36'	1°52'	6°45'	12°28'	6°21'	2°11'	13° 4'	13°30'	14°30'	25°35'	S 28
S 29	12 22 36	7°33'24"	5 ^h 9	8°20'	9°48'	23° 8'	1°50'	6°47'	12°27'	6°20'	2° 9'	13° 5'	13°27'	14°37'	25°39'	S 29
M 30	12 26 33	8°32'42"	19°32'	7°30'	11° 0'	23°41'	1°48'	6°48'	12°25'	6°19'	2° 8'	13° 5'	13°24'	14°44'	25°42'	M 30
T 31	12 30 29	9°Y31'58"	3 ^h 36	6°Y39	12 ^h 12	24 ^h II14	1 ^h 46	6 ^h 50	12 ^h 24	6 ^h 17	2 ^h 7	13 ^h 6	13 ^h 21	14 ^h 50	25 ^h 46	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	7s57	15s39	3n27	3s31	0s27	1n22	0s56	23n39	1n57	19s27	1n 2	22s24	0n56	17n31	0n43	S 1
M 2	7 34	17 33	4 18	2 38	0 16	1 54	0 54	23 44	1 57	19 28	1 2	22 24	0 56	17 32	0 43	M 2
T 3	7 11	18 23	4 53	1 45	0 4	2 25	0 51	23 48	1 56	19 28	1 2	22 23	0 56	17 32	0 43	T 3
W 4	6 48	18 6	5 11	0 52	0n 8	2 56	0 49	23 52	1 56	19 29	1 2	22 23	0 56	17 33	0 43	W 4
T 5	6 25	16 47	5 11	0 0	0 21	3 27	0 47	23 56	1 56	19 29	1 2	22 23	0 56	17 34	0 42	T 5
F 6	6 2	14 34	4 54	0n50	0 34	3 58	0 44	24 0	1 56	19 29	1 2	22 23	0 56	17 34	0 42	F 6
S 7	5 39	11 38	4 21	1 40	0 47	4 29	0 42	24 4	1 55	19 30	1 3	22 23	0 56	17 35	0 42	S 7
S 8	5 16	8 11	3 36	2 28	1 0	5 0	0 39	24 8	1 55	19 30	1 3	22 23	0 56	17 35	0 42	S 8
M 9	4 52	4 25	2 41	3 14	1 14	5 31	0 37	24 12	1 55	19 30	1 3	22 22	0 56	17 36	0 42	M 9
T 10	4 29	0 31	1 38	3 57	1 28	6 2	0 34	24 16	1 55	19 31	1 3	22 22	0 56	17 36	0 42	T 10
W 11	4 5	3n21	0 33	4 39	1 41	6 32	0 32	24 19	1 54	19 31	1 3	22 22	0 56	17 37	0 42	W 11
T 12	3 42	7 1	0s34	5 17	1 55	7 3	0 29	24 23	1 54	19 31	1 3	22 22	0 56	17 38	0 42	T 12
F 13	3 18	10 21	1 38	5 52	2 8	7 33	0 26	24 26	1 54	19 31	1 3	22 22	0 56	17 38	0 42	F 13
S 14	2 55	13 14	2 38	6 24	2 20	8 3	0 23	24 30	1 53	19 31	1 3	22 22	0 57	17 39	0 42	S 14
S 15	2 31	15 34	3 31	6 52	2 32	8 33	0 21	24 33	1 53	19 31	1 3	22 21	0 57	17 39	0 42	S 15
M 16	2 7	17 14	4 15	7 16	2 43	9 2	0 18	24 36	1 53	19 31	1 4	22 21	0 57	17 40	0 42	M 16
T 17	1 44	18 10	4 48	7 36	2 53	9 32	0 15	24 39	1 53	19 31	1 4	22 21	0 57	17 40	0 42	T 17
W 18	1 20	18 17	5 9	7 52	3 3	10 1	0 12	24 42	1 52	19 31	1 4	22 21	0 57	17 40	0 42	W 18
T 19	0 56	17 32	5 17	8 3	3 11	10 30	0 9	24 44	1 52	19 31	1 4	22 21	0 57	17 41	0 42	T 19
F 20	0 33	15 54	5 9	8 10	3 17	10 59	0 6	24 47	1 52	19 31	1 4	22 21	0 57	17 41	0 42	F 20
S 21	0 9	13 23	4 45	8 13	3 23	11 28	0 3	24 49	1 51	19 31	1 4	22 20	0 57	17 42	0 42	S 21
S 22	0n15	10 5	4 4	8 11	3 27	11 56	0 0	24 52	1 51	19 31	1 4	22 20	0 57	17 42	0 42	S 22
M 23	0 39	6 6	3 8	8 5	3 29	12 24	0n 3	24 54	1 51	19 30	1 4	22 20	0 57	17 43	0 42	M 23
T 24	1 2	1 41	1 58	7 54	3 29	12 52	0 6	24 56	1 51	19 30	1 4	22 20	0 57	17 43	0 42	T 24
W 25	1 26	2s57	0 40	7 40	3 28	13 19	0 9	24 58	1 50	19 30	1 5	22 20	0 57	17 43	0 42	W 25
T 26	1 49	7 27	0n43	7 21	3 24	13 46	0 12	25 0	1 50	19 29	1 5	22 20	0 57	17 44	0 42	T 26
F 27	2 13	11 29	2 2	7 0	3 19	14 13	0 15	25 2	1 50	19 29	1 5	22 20	0 57	17 44	0 42	F 27
S 28	2 36	14 46	3 13	6 35	3 13	14 39	0 18	25 3	1 49	19 29	1 5	22 19	0 57	17 44	0 42	S 28
S 29	3 0	17 3	4 11	6 8	3 4	15 5	0 21	25 5	1 49	19 28	1 5	22 19	0 57	17 45	0 42	S 29
M 30	3 23	18 11	4 51	5 38	2 54	15 31	0 25	25 6	1 49	19 28	1 5	22 19	0 57	17 45	0 42	M 30
T 31	3n47	18s10	5n13	5n 8	2n43	15n57	0n28	25n 7	1n48	19s27	1n 5	22s19	0n57	17n45	0n42	T 31

Julian Day Number = 2436628.5, Delta T = 32.76 sec
 Ecliptic obliquity = 23°26'32", Nutation = 0°00'05", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°10'12", Lahiri = 23°17'12"

ASTRODIENST EPHEMERIS for the year 1959

geocentric

APRIL 1959

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 34 26	10°31'12	17°31'19	5°R49	13°8'25	24°11'47	1°R43	6°3'52	12°R23	6°R16	2°R 6	13°R 6	13°17	14°8'57	25°49	W 1	
T 2	12 38 22	11°30'25	0°43	5°Y 0	14°37	25°20	1°41	6°53	12°22	6°M14	2°M 5	13°5	13°14	15°4	25°52	T 2	
F 3	12 42 19	12°29'36	13°49	4°14	15°49	25°53	1°38	6°55	12°21	6°13	2°4	13°5	13°11	15°10	25°56	F 3	
S 4	12 46 16	13°28'45	26°38	3°31	17°1	26°26	1°35	6°56	12°20	6°12	2°3	13°D 5	13°8	15°17	25°59	S 4	
S 5	12 50 12	14°27'52	9°13	2°52	18°13	26°59	1°32	6°57	12°20	6°10	2°2	13°5	13°5	15°24	26°2	S 5	
M 6	12 54 9	15°26'57	21°35	2°18	19°25	27°33	1°29	6°58	12°19	6°9	2°1	13°6	13°1	15°30	26°5	M 6	
T 7	12 58 5	16°26'00	3°Y46	1°48	20°37	28°6	1°26	6°59	12°18	6°7	2°0	13°6	12°58	15°37	26°8	T 7	
W 8	13 2 2	17°25'02	15°49	1°23	21°48	28°39	1°22	7°0	12°17	6°6	1°59	13°R 6	12°55	15°44	26°11	W 8	
T 9	13 5 58	18°24'01	27°45	1°4	23°0	29°13	1°18	7°1	12°17	6°4	1°58	13°6	12°52	15°50	26°14	T 9	
F 10	13 9 55	19°22'58	9°37	0°50	24°12	29°46	1°14	7°2	12°16	6°2	1°57	13°5	12°49	15°57	26°17	F 10	
S 11	13 13 51	20°21'54	21°26	0°42	25°23	0°20	1°10	7°2	12°16	6°1	1°56	13°4	12°46	16°4	26°20	S 11	
S 12	13 17 48	21°20'47	3°115	0°D38	26°35	0°54	1°6	7°3	12°15	5°59	1°55	13°3	12°42	16°10	26°23	S 12	
M13	13 21 44	22°19'38	15°7	0°41	27°46	1°27	1°2	7°3	12°15	5°58	1°54	13°2	12°39	16°17	26°26	M13	
T 14	13 25 41	23°18'27	27°5	0°48	28°57	2°1	0°57	7°4	12°14	5°56	1°53	13°1	12°36	16°24	26°29	T 14	
W15	13 29 38	24°17'13	9°514	1°1	0°11 9	2°35	0°52	7°4	12°14	5°55	1°52	13°0	12°33	16°30	26°32	W15	
T 16	13 33 34	25°15'57	21°37	1°18	1°20	3°9	0°48	7°4	12°14	5°53	1°51	12°D59	12°30	16°37	26°34	T 16	
F 17	13 37 31	26°14'39	4°19	1°40	2°31	3°43	0°43	7°R 4	12°14	5°51	1°51	13°0	12°27	16°44	26°37	F 17	
S 18	13 41 27	27°13'19	17°23	2°6	3°42	4°17	0°37	7°4	12°13	5°50	1°50	13°0	12°23	16°50	26°40	S 18	
S 19	13 45 24	28°11'57	0°M53	2°37	4°52	4°51	0°32	7°4	12°13	5°48	1°49	13°1	12°20	16°57	26°42	S 19	
M20	13 49 20	29°10'32	14°49	3°12	6°3	5°25	0°27	7°3	12°D13	5°47	1°49	13°2	12°17	17°4	26°45	M20	
T 21	13 53 17	0°8 9'05	29°12	3°51	7°14	5°59	0°21	7°3	12°13	5°45	1°48	13°3	12°14	17°10	26°47	T 21	
W22	13 57 13	1°7'36	13°58	4°33	8°24	6°34	0°15	7°2	12°13	5°43	1°47	13°R 4	12°11	17°17	26°50	W22	
T 23	14 1 10	2°6'05	29°1	5°20	9°35	7°8	0°10	7°2	12°14	5°42	1°47	13°3	12°7	17°24	26°52	T 23	
F 24	14 5 7	3°4'33	14°12	6°9	10°45	7°42	0°4	7°1	12°14	5°40	1°46	13°2	12°4	17°30	26°54	F 24	
S 25	14 9 3	4°2'58	29°23	7°2	11°55	8°16	29°M57	7°0	12°14	5°38	1°45	12°59	12°1	17°37	26°56	S 25	
S 26	14 13 0	5°1'22	14°23	7°58	13°5	8°51	29°51	7°0	12°14	5°37	1°45	12°57	11°58	17°44	26°59	S 26	
M27	14 16 56	5°59'44	29°4	8°57	14°15	9°25	29°45	6°59	12°15	5°35	1°44	12°54	11°55	17°51	27°1	M27	
T 28	14 20 53	6°58'05	13°22	9°59	15°25	10°0	29°39	6°58	12°15	5°33	1°44	12°51	11°52	17°57	27°3	T 28	
W29	14 24 49	7°56'24	27°13	11°3	16°35	10°34	29°32	6°56	12°15	5°32	1°43	12°50	11°48	18°4	27°5	W29	
T 30	14 28 46	8°54'41	10°38	12°Y11	17°1145	11°9	29°M25	6°55	12°16	5°M30	1°M43	12°D49	11°45	18°11	27°7	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
W 1	4n10	17s 5	5n17	4n36	2n30	16n22	0n31	25n 8	1n48	19s27	1n 5	22s19	0n57	17n45	0n42	11s54	1n49	22n 7	12n15	5s10	5s15	13n44	7s13	6n 3			
T 2	4 33	15 4	5 3	4 4	2 16	16 46	0 34	25 9	1 48	19 26	1 5	22 19	0 57	17 46	0 42	11 53	1 49	22 7	12 15	5 10	5 14	13 45	7 11	6 3			
F 3	4 56	12 19	4 33	3 32	2 1	17 10	0 37	25 10	1 47	19 25	1 5	22 19	0 57	17 46	0 42	11 53	1 49	22 8	12 14	5 10	5 12	13 47	7 10	6 4			
S 4	5 19	9 1	3 51	3 1	1 46	17 34	0 40	25 11	1 47	19 25	1 6	22 19	0 57	17 46	0 42	11 52	1 49	22 8	12 14	5 10	5 11	13 48	7 9	6 4			
S 5	5 42	5 22	2 58	2 31	1 30	17 57	0 44	25 11	1 47	19 24	1 6	22 19	0 57	17 46	0 42	11 52	1 49	22 8	12 14	5 10	5 10	13 49	7 8	6 4			
M 6	6 5	1 33	1 57	2 3	1 14	18 20	0 47	25 12	1 46	19 23	1 6	22 19	0 57	17 47	0 42	11 51	1 49	22 8	12 14	5 10	5 9	13 50	7 6	6 4			
T 7	6 28	2n17	0 52	1 36	0 58	18 43	0 50	25 12	1 46	19 23	1 6	22 19	0 57	17 47	0 42	11 51	1 49	22 9	12 14	5 10	5 7	13 51	7 5	6 4			
W 8	6 50	6 0	0s15	1 11	0 42	19 4	0 53	25 12	1 46	19 22	1 6	22 18	0 57	17 47	0 42	11 50	1 49	22 9	12 14	5 10	5 6	13 53	7 4	6 5			
T 9	7 13	9 25	1 21	0 49	0 26	19 26	0 56	25 12	1 45	19 21	1 6	22 18	0 57	17 47	0 42	11 50	1 49	22 9	12 13	5 10	5 5	13 54	7 3	6 5			
F 10	7 35	12 27	2 22	0 29	0 10	19 47	0 59	25 12	1 45	19 20	1 6	22 18	0 57	17 47	0 42	11 49	1 49	22 9	12 13	5 10	5 4	13 55	7 1	6 5			
S 11	7 57	14 57	3 17	0 12	0s 5	20 7	1 2	25 11	1 45	19 19	1 6	22 18	0 57	17 47	0 42	11 48	1 49	22 9	12 13	5 10	5 2	13 56	7 0	6 5			
S 12	8 20	16 49	4 4	0s 3	0 20	20 27	1 6	25 11	1 44	19 18	1 6	22 18	0 57	17 47	0 42	11 48	1 49	22 9	12 13	5 9	5 1	13 57	6 59	6 6			
M13	8 42	17 58	4 40	0 15	0 34	20 47	1 9	25 10	1 44	19 17	1 6	22 18	0 57	17 47	0 42	11 47	1 49	22 10	12 13	5 9	5 0	13 58	6 58	6 6			
T 14	9 3	18 20	5 5	0 25	0 48	21 6	1 12	25 9	1 44	19 16	1 6	22 18	0 57	17 48	0 42	11 47	1 49	22 10	12 12	5 8	4 59	14 0	6 57	6 6			
W15	9 25	17 52	5 16	0 32	1 1	21 24	1 15	25 8	1 43	19 15	1 6	22 18	0 57	17 48	0 41	11 46	1 49	22 10	12 12	5 8	4 57	14 1	6 55	6 7			
T 16	9 47	16 33	5 13	0 36	1 13	21 42	1 18	25 7	1 43	19 14	1 6	22 18	0 57	17 48	0 41	11 46	1 49	22 10	12 12	5 8	4 56	14 2	6 54	6 7			
F 17	10 8	14 24	4 55	0 38	1 25	21 59	1 21	25 6	1 43	19 13	1 6	22 18	0 57	17 48	0 41	11 45	1 49	22 10	12 12	5 8	4 55	14 3	6 53	6 7			
S 18	10 29	11 28	4 22	0 38	1 36	22 16	1 24	25 5	1 42	19 12	1 6	22 18	0 57	17 48	0 41	11 45	1 49	22 10	12 11	5 8	4 54	14 4	6 52	6 7			
S 19	10 50	7 50	3 33	0 35	1 46	22 32	1 27	25 3	1 42	19 11	1 6	22 18	0 57	17 48	0 41	11 44	1 49	22 10	12 11	5 9	4 53	14 5	6 51	6 8			
M20	11 11	3 40	2 30	0 30	1 56	22 47	1 29	25 1	1 42	19 10	1 6	22 18	0 57	17 48	0 41	11 44	1 49	22 10	12 11	5 9	4 51	14 7	6 50	6 8			
T 21	11 32	0s51	1 16	0 23	2 4	23 2	1 32	25 0	1 41	19 9	1 7	22 18	0 57	17 48	0 41	11 43	1 49	22 10	12 11	5 9	4 50	14 8	6 49	6 8			
W22	11 52	5 26	0n 5	0 13	2 13	23 16	1 35	24 58	1 41	19 7	1 7	22 18	0 57	17 48	0 41	11 43	1 49	22 10	12 10	5 10	4 49	14 9	6 47	6 9			
T 23	12 12	9 46	1 27	0 2	2 20	23 30	1 38	24 55	1 41	19 6	1 7	22 18	0 57	17 48	0 41	11 42	1 49	22 10	12 10	5 9	4 48	14 10	6 46	6 9			
F 24	12 32	13 30	2 44	0n12	2 27	23 43	1 41	24 53	1 40	19 5	1 7	22 18	0 57	17 47	0 41	11 41	1 49	22 10	12 10	5 9	4 46	14 11	6 45	6 9			
S 25	12 52	16 18	3 49	0 27	2 33	23 56	1 43	24 51	1 40	19 4	1 7	22 18	0 57	17 47	0 41	11 41	1 50	22 10	12 10	5 8	4 45	14 12	6 44	6 9			
S 26	13 12	17 57	4 37	0 44	2 38	24 7	1 46	24 48	1 40	19 2	1 7	22 18	0 57	17 47	0 41	11 40	1 50	22 10	12 9	5 7	4 44	14 14	6 43	6 10			
M27	13 31	18 20	5 6	1 3	2 43	24 19	1 49	24 45	1 39	19 1	1 7	22 18	0 57	17 47	0 41	11 40	1 50	22 10	12 9	5 6	4 43	14 15	6 42	6 10			
T 28	13 51	17 33	5 15	1 24	2 47	24 29	1 51	24 43	1 39	18 59	1 7	22 18	0 57	17 47	0 41	11 39	1 50	22 10	12 9	5 5	4 41	14 16	6 41	6 10			
W29	14 9	15 44	5 5	1 46	2 50	24 39	1 54	24 39	1 39	18 58	1 7	22 18	0 57	17 47	0 41	11 39	1 50	22 10	12 9	5 4	4 40	14 17	6 40	6 11			
T 30	14n28	13s 6	4n39	2n10	2s53	24n48	1n56	24n36	1n38	18s57	1n 7	22s18	0n57	17n47	0n41	11s38	1n50	22n10	12n 8	5s 4	4s39	14n18	6s39	6n11			

ASTRODIENST EPHEMERIS for the year 1959
geocentric

MAY 1959

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 32 42	9♂52°57	23♂39	13♂21	18♂54	11♂44	29♂19	6♂54	12♂16	5♂29	1♂43	12♂50	11♂42	18♂17	27♂9	F 1
S 2	14 36 39	10°51'12	6♂18	14°33	20° 4	12°18	29♂12	6♂52	12°17	5♂27	1♂42	12°52	11°39	18°24	27°11	S 2
S 3	14 40 36	11°49'25	18°41	15°48	21°13	12°53	29° 5	6°51	12°18	5°25	1°42	12°53	11°36	18°31	27°13	S 3
M 4	14 44 32	12°47'36	0♂51	17° 5	22°22	13°28	28°58	6°49	12°18	5°24	1°42	12°55	11°32	18°37	27°14	M 4
T 5	14 48 29	13°45'46	12°51	18°24	23°31	14° 3	28°51	6°48	12°19	5°22	1°41	12°55	11°29	18°44	27°16	T 5
W 6	14 52 25	14°43'54	24°45	19°46	24°40	14°37	28°44	6°46	12°20	5°20	1°41	12°55	11°26	18°51	27°18	W 6
T 7	14 56 22	15°42'01	6♂35	21°10	25°49	15°12	28°36	6°44	12°21	5°19	1°41	12°52	11°23	18°57	27°19	T 7
F 8	15 0 18	16°40'06	18°23	22°36	26°58	15°47	28°29	6°42	12°22	5°17	1°41	12°48	11°20	19° 4	27°21	F 8
S 9	15 4 15	17°38'10	0♂13	24° 4	28° 7	16°22	28°22	6°40	12°23	5°16	1°41	12°43	11°17	19°11	27°22	S 9
S 10	15 8 11	18°36'12	12° 5	25°34	29°15	16°57	28°14	6°38	12°24	5°14	1°40	12°37	11°13	19°17	27°24	S 10
M 11	15 12 8	19°34'12	24° 1	27° 6	0♂23	17°32	28° 7	6°36	12°25	5°12	1°40	12°30	11°10	19°24	27°25	M 11
T 12	15 16 5	20°32'11	6♂4	28°41	1°32	18° 8	27°59	6°33	12°26	5°11	1°40	12°23	11° 7	19°31	27°26	T 12
W 13	15 20 1	21°30'07	18°17	0♂17	2°40	18°43	27°52	6°31	12°27	5° 9	1°40	12°18	11° 4	19°37	27°28	W 13
T 14	15 23 58	22°28'02	0♂42	1°56	3°48	19°18	27°44	6°28	12°28	5° 8	1°40	12°14	11° 1	19°44	27°29	T 14
F 15	15 27 54	23°25'56	13°22	3°36	4°55	19°53	27°37	6°26	12°30	5° 6	1°40	12°12	10°58	19°51	27°30	F 15
S 16	15 31 51	24°23'47	26°21	5°19	6° 3	20°28	27°29	6°23	12°31	5° 5	1°40	12°D11	10°54	19°57	27°31	S 16
S 17	15 35 47	25°21'37	9♂43	7° 3	7°11	21° 4	27°22	6°21	12°32	5° 3	1°40	12°12	10°51	20° 4	27°32	S 17
M 18	15 39 44	26°19'25	23°29	8°50	8°18	21°39	27°14	6°18	12°34	5° 2	1°40	12°13	10°48	20°11	27°33	M 18
T 19	15 43 40	27°17'11	7♂41	10°39	9°25	22°14	27° 6	6°15	12°35	5° 0	1°41	12°R14	10°45	20°17	27°34	T 19
W 20	15 47 37	28°14'55	22°18	12°30	10°32	22°50	26°59	6°12	12°37	4°59	1°41	12°14	10°42	20°24	27°34	W 20
T 21	15 51 34	29°12'38	7♂16	14°22	11°39	23°25	26°51	6° 9	12°38	4°57	1°41	12°12	10°38	20°31	27°35	T 21
F 22	15 55 30	0♂10'20	22°28	16°17	12°45	24° 0	26°43	6° 6	12°40	4°56	1°41	12° 8	10°35	20°37	27°36	F 22
S 23	15 59 27	1° 8'00	7♂44	18°14	13°52	24°36	26°36	6° 3	12°42	4°54	1°41	12° 2	10°32	20°44	27°37	S 23
S 24	16 3 23	2° 5'39	22°53	20°13	14°58	25°11	26°28	5°59	12°43	4°53	1°42	11°54	10°29	20°51	27°37	S 24
M 25	16 7 20	3° 3'17	7♂46	22°14	16° 4	25°47	26°21	5°56	12°45	4°52	1°42	11°47	10°26	20°57	27°38	M 25
T 26	16 11 16	4° 0'54	22°16	24°16	17°10	26°22	26°13	5°53	12°47	4°50	1°42	11°40	10°23	21° 4	27°38	T 26
W 27	16 15 13	4°58'30	6♂16	26°21	18°16	26°58	26° 6	5°49	12°49	4°49	1°43	11°35	10°19	21°11	27°38	W 27
T 28	16 19 9	5°56'05	19°47	28°27	19°21	27°34	25°58	5°46	12°51	4°47	1°43	11°32	10°16	21°17	27°39	T 28
F 29	16 23 6	6°53'39	2♂51	0♂14	20°26	28° 9	25°51	5°42	12°53	4°46	1°44	11°D30	10°13	21°24	27°39	F 29
S 30	16 27 3	7°51'12	15°30	2°43	21°31	28°45	25°43	5°39	12°55	4°45	1°44	11°30	10°10	21°31	27°39	S 30
S 31	16 30 59	8♂48'44	27♂49	4♂53	22♂36	29♂21	25♂36	5♂35	12♂57	4♂44	1♂45	11♂31	10♂ 7	21♂37	27♂39	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	14n47	9s53	3n59	2n35	2s55	24n57	1n58	24n33	1n38	18s55	1n 7	22s18	0n57	17n46	0n41	11s38	1n50	22n10	12n 8	5s 4	4s38	14n19	6s38	6n11	
S 2	15 5	6 17	3 8	3 2	2 56	25 4	2 1	24 29	1 37	18 54	1 7	22 18	0 57	17 46	0 41	11 37	1 50	22 10	12 8	5 5	4 36	14 20	6 37	6 12	
S 3	15 23	2 30	2 9	3 30	2 57	25 12	2 3	24 26	1 37	18 52	1 7	22 19	0 57	17 46	0 41	11 37	1 50	22 9	12 8	5 5	4 35	14 22	6 37	6 12	
M 4	15 41	1n21	1 6	3 59	2 57	25 18	2 5	24 22	1 37	18 51	1 7	22 19	0 57	17 46	0 41	11 36	1 49	22 9	12 7	5 6	4 34	14 23	6 36	6 12	
T 5	15 58	5 5	0 0	4 30	2 56	25 24	2 7	24 18	1 36	18 49	1 7	22 19	0 57	17 46	0 41	11 36	1 49	22 9	12 7	5 6	4 33	14 24	6 35	6 13	
W 6	16 16	8 35	1s 4	5 1	2 55	25 29	2 9	24 14	1 36	18 48	1 7	22 19	0 57	17 45	0 41	11 35	1 49	22 9	12 7	5 6	4 31	14 25	6 34	6 13	
T 7	16 33	11 44	2 6	5 34	2 54	25 34	2 11	24 9	1 36	18 46	1 7	22 19	0 57	17 45	0 41	11 34	1 49	22 9	12 7	5 5	4 30	14 26	6 33	6 13	
F 8	16 49	14 23	3 2	6 8	2 51	25 37	2 13	24 5	1 35	18 45	1 6	22 19	0 57	17 45	0 41	11 34	1 49	22 9	12 6	5 4	4 29	14 27	6 32	6 14	
S 9	17 6	16 27	3 50	6 43	2 49	25 40	2 15	24 0	1 35	18 43	1 6	22 19	0 57	17 44	0 41	11 33	1 49	22 8	12 6	5 1	4 28	14 28	6 31	6 14	
S 10	17 22	17 49	4 28	7 19	2 45	25 43	2 16	23 56	1 34	18 41	1 6	22 19	0 57	17 44	0 41	11 33	1 49	22 8	12 6	4 59	4 26	14 29	6 31	6 14	
M11	17 38	18 24	4 55	7 56	2 41	25 45	2 18	23 51	1 34	18 40	1 6	22 19	0 57	17 44	0 41	11 32	1 49	22 8	12 5	4 56	4 25	14 31	6 30	6 15	
T 12	17 53	18 10	5 9	8 34	2 37	25 46	2 20	23 46	1 34	18 38	1 6	22 19	0 57	17 43	0 41	11 32	1 49	22 8	12 5	4 54	4 24	14 32	6 29	6 15	
W13	18 8	17 6	5 9	9 12	2 32	25 46	2 21	23 41	1 33	18 37	1 6	22 20	0 57	17 43	0 41	11 31	1 49	22 7	12 5	4 52	4 23	14 33	6 28	6 15	
T 14	18 23	15 12	4 55	9 51	2 27	25 46	2 23	23 35	1 33	18 35	1 6	22 20	0 57	17 43	0 41	11 31	1 49	22 7	12 5	4 50	4 21	14 34	6 28	6 16	
F 15	18 38	12 34	4 26	10 31	2 20	25 45	2 24	23 30	1 33	18 33	1 6	22 20	0 57	17 42	0 41	11 30	1 49	22 7	12 4	4 49	4 20	14 35	6 27	6 16	
S 16	18 52	9 14	3 43	11 11	2 14	25 43	2 25	23 24	1 32	18 32	1 6	22 20	0 57	17 42	0 40	11 30	1 49	22 7	12 4	4 49	4 19	14 36	6 26	6 16	
S 17	19 6	5 21	2 47	11 52	2 7	25 41	2 26	23 18	1 32	18 30	1 6	22 20	0 57	17 41	0 40	11 29	1 49	22 6	12 4	4 49	4 18	14 37	6 26	6 17	
M18	19 20	1 4	1 40	12 33	1 59	25 38	2 27	23 12	1 32	18 28	1 6	22 20	0 57	17 41	0 40	11 29	1 49	22 6	12 3	4 50	4 17	14 38	6 25	6 17	
T 19	19 33	3s26	0 25	13 15	1 52	25 34	2 28	23 6	1 31	18 27	1 6	22 20	0 57	17 41	0 40	11 28	1 49	22 6	12 3	4 50	4 15	14 39	6 24	6 18	
W20	19 46	7 51	0n54	13 57	1 43	25 30	2 29	23 0	1 31	18 25	1 6	22 21	0 57	17 40	0 40	11 28	1 49	22 5	12 3	4 50	4 14	14 40	6 24	6 18	
T 21	19 59	11 52	2 11	14 39	1 34	25 25	2 30	22 54	1 30	18 24	1 6	22 21	0 57	17 40	0 40	11 28	1 49	22 5	12 3	4 49	4 13	14 42	6 23	6 18	
F 22	20 11	15 10	3 20	15 21	1 25	25 19	2 30	22 47	1 30	18 22	1 5	22 21	0 57	17 39	0 40	11 27	1 49	22 5	12 2	4 48	4 12	14 43	6 23	6 19	
S 23	20 23	17 25	4 14	16 3	1 16	25 13	2 31	22 41	1 30	18 20	1 5	22 21	0 57	17 39	0 40	11 27	1 49	22 4	12 2	4 45	4 10	14 44	6 22	6 19	
S 24	20 35	18 25	4 51	16 44	1 6	25 6	2 31	22 34	1 29	18 19	1 5	22 21	0 57	17 38	0 40	11 26	1 49	22 4	12 2	4 42	4 9	14 45	6 21	6 19	
M25	20 46	18 7	5 6	17 26	0 56	24 59	2 32	22 27	1 29	18 17	1 5	22 21	0 57	17 38	0 40	11 26	1 49	22 4	12 1	4 40	4 8	14 46	6 21	6 20	
T 26	20 57	16 38	5 2	18 6	0 46	24 51	2 32	22 20	1 28	18 15	1 5	22 22	0 57	17 37	0 40	11 25	1 49	22 3	12 1	4 37	4 7	14 47	6 20	6 20	
W27	21 8	14 12	4 39	18 46	0 35	24 42	2 32	22 12	1 28	18 14	1 5	22 22	0 57	17 37	0 40	11 25	1 49	22 3	12 1	4 35	4 5	14 48	6 20	6 20	
T 28	21 18	11 3	4 2	19 25	0 25	24 33	2 32	22 5	1 28	18 12	1 5	22 22	0 57	17 36	0 40	11 24	1 49	22 2	12 0	4 34	4 4	14 49	6 20	6 21	
F 29	21 28	7 28	3 13	20 3	0 14	24 23	2 32	21 58	1 27	18 10	1 5	22 22	0 57	17 35	0 40	11 24	1 49	22 2	12 0	4 33	4 3	14 50	6 19	6 21	
S 30	21 37	3 38	2 15	20 39	0 3	24 13	2 31	21 50	1 27	18 9	1 4	22 22	0 57	17 35	0 40	11 24	1 49	22 1	12 0	4 33	4 2	14 51	6 19	6 21	
S 31	21n46	0n15	1n13	21n14	0n 7	24n 2	2n31	21n42	1n27	18s 7	1n 4	22s22	0n57	17n34	0n40	11s23	1n49	22n 1	12n 0	4s33	4s 0	14n52	6s18	6n22	

ASTRODIENST EPHEMERIS for the year 1959

geocentric

JUNE 1959

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 34 56	9II46'15	9Y54	7II 4	23Ω41	29Ω56	25°R29	5°R31	12Ω59	4°R42	1II45	11°R32	10Ω 4	21Ω44	27≈39	M 1
T 2	16 38 52	10°43'46	21°49	9°15	24°45	0Ω32	25II22	5Ω28	13° 1	4II41	1°46	11Ω31	10° 0	21°51	27°R39	T 2
W 3	16 42 49	11°41'16	3Ω38	11°27	25°49	1° 8	25°15	5°24	13° 3	4°40	1°46	11°29	9°57	21°58	27°39	W 3
T 4	16 46 45	12°38'45	15°26	13°39	26°53	1°44	25° 7	5°20	13° 5	4°39	1°47	11°24	9°54	22° 4	27°39	T 4
F 5	16 50 42	13°36'13	27°15	15°51	27°57	2°20	25° 1	5°16	13° 8	4°37	1°47	11°16	9°51	22°11	27°39	F 5
S 6	16 54 38	14°33'40	9II 7	18° 3	29° 0	2°56	24°54	5°12	13°10	4°36	1°48	11° 7	9°48	22°18	27°39	S 6
S 7	16 58 35	15°31'07	21° 5	20°14	0Ω 3	3°32	24°47	5° 8	13°12	4°35	1°49	10°55	9°44	22°24	27°39	S 7
M 8	17 2 32	16°28'32	3Ω10	22°24	1° 6	4° 7	24°40	5° 4	13°15	4°34	1°49	10°43	9°41	22°31	27°38	M 8
T 9	17 6 28	17°25'57	15°23	24°33	2° 9	4°43	24°34	5° 0	13°17	4°33	1°50	10°32	9°38	22°38	27°38	T 9
W10	17 10 25	18°23'20	27°45	26°40	3°11	5°19	24°27	4°56	13°20	4°32	1°51	10°22	9°35	22°44	27°37	W10
T 11	17 14 21	19°20'43	10Ω19	28°46	4°13	5°56	24°21	4°52	13°22	4°31	1°52	10°14	9°32	22°51	27°37	T 11
F 12	17 18 18	20°18'05	23° 4	0Ω51	5°15	6°32	24°15	4°48	13°25	4°30	1°53	10° 8	9°29	22°58	27°36	F 12
S 13	17 22 14	21°15'25	6II 5	2°53	6°16	7° 8	24° 8	4°43	13°27	4°29	1°53	10° 5	9°25	23° 4	27°36	S 13
S 14	17 26 11	22°12'45	19°24	4°53	7°18	7°44	24° 2	4°39	13°30	4°28	1°54	10°D 4	9°22	23°11	27°35	S 14
M15	17 30 7	23°10'04	3Ω 3	6°52	8°18	8°20	23°56	4°35	13°32	4°27	1°55	10°R 4	9°19	23°18	27°34	M15
T 16	17 34 4	24° 7'21	17° 3	8°48	9°19	8°56	23°51	4°31	13°35	4°26	1°56	10° 4	9°16	23°24	27°33	T 16
W17	17 38 1	25° 4'38	1II26	10°42	10°19	9°32	23°45	4°26	13°38	4°25	1°57	10° 3	9°13	23°31	27°32	W17
T 18	17 41 57	26° 1'54	16° 9	12°33	11°19	10° 9	23°40	4°22	13°41	4°24	1°58	9°59	9°10	23°38	27°31	T 18
F 19	17 45 54	26°59'10	1Ω 6	14°23	12°18	10°45	23°34	4°18	13°43	4°23	1°59	9°53	9° 6	23°44	27°30	F 19
S 20	17 49 50	27°56'24	16°11	16°10	13°17	11°21	23°29	4°13	13°46	4°22	2° 0	9°45	9° 3	23°51	27°29	S 20
S 21	17 53 47	28°53'38	1Ω14	17°54	14°15	11°58	23°24	4° 9	13°49	4°22	2° 1	9°34	9° 0	23°58	27°28	S 21
M22	17 57 43	29°50'52	16° 5	19°37	15°13	12°34	23°19	4° 4	13°52	4°21	2° 2	9°23	8°57	24° 4	27°27	M22
T 23	18 1 40	0Ω48'06	0≈36	21°17	16°11	13°10	23°14	4° 0	13°55	4°20	2° 3	9°13	8°54	24°11	27°26	T 23
W24	18 5 36	1°45'19	14°40	22°54	17° 8	13°47	23° 9	3°56	13°58	4°19	2° 5	9° 5	8°50	24°18	27°25	W24
T 25	18 9 33	2°42'32	28°15	24°30	18° 5	14°23	23° 5	3°51	14° 1	4°19	2° 6	8°59	8°47	24°25	27°23	T 25
F 26	18 13 30	3°39'44	11Ω22	26° 2	19° 2	14°59	23° 1	3°47	14° 4	4°18	2° 7	8°56	8°44	24°31	27°22	F 26
S 27	18 17 26	4°36'57	24° 4	27°33	19°57	15°36	22°56	3°42	14° 7	4°17	2° 8	8°55	8°41	24°38	27°20	S 27
S 28	18 21 23	5°34'10	6Y25	29° 1	20°53	16°12	22°52	3°38	14°10	4°17	2° 9	8°54	8°38	24°45	27°19	S 28
M29	18 25 19	6°31'23	18°30	0Ω26	21°48	16°49	22°49	3°34	14°13	4°16	2°11	8°54	8°35	24°51	27°17	M29
T 30	18 29 16	7Ω28'36	0Ω24	1Ω49	22Ω42	17Ω26	22II45	3Ω29	14Ω16	4II16	2II12	8Ω53	8Ω31	24Ω58	27≈16	T 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	21n55	4n 3	0n 9	21n47	0n18	23n50	2n30	21n34	1n26	18s 6	1n 4	22s23	0n57	17n34	0n40	11s23	1n49	22n 1	11n59	4s34	3s59	14n53	6s18	6n22	6s18
T 2	22 3	7 39	0s55	22 18	0 28	23 38	2 30	21 26	1 26	18 4	1 4	22 23	0 57	17 33	0 40	11 22	1 49	22 0	11 59	4 33	3 58	14 54	6 18	6 23	6 17
W 3	22 11	10 55	1 56	22 47	0 38	23 25	2 29	21 18	1 25	18 3	1 4	22 23	0 57	17 32	0 40	11 22	1 49	22 0	11 59	4 32	3 57	14 56	6 17	6 23	6 17
T 4	22 19	13 44	2 51	23 14	0 48	23 12	2 28	21 9	1 25	18 1	1 4	22 23	0 57	17 32	0 40	11 22	1 49	21 59	11 58	4 31	3 55	14 57	6 17	6 23	6 17
F 5	22 26	16 0	3 39	23 38	0 57	22 58	2 27	21 1	1 25	18 0	1 4	22 23	0 57	17 31	0 40	11 21	1 49	21 59	11 58	4 28	3 54	14 58	6 17	6 24	6 17
S 6	22 33	17 35	4 17	24 0	1 6	22 44	2 26	20 52	1 24	17 58	1 3	22 24	0 57	17 30	0 40	11 21	1 49	21 58	11 58	4 24	3 53	14 59	6 16	6 24	6 16
S 7	22 39	18 24	4 45	24 19	1 14	22 29	2 24	20 44	1 24	17 57	1 3	22 24	0 57	17 30	0 40	11 21	1 49	21 58	11 58	4 19	3 52	15 0	6 16	6 24	6 16
M 8	22 45	18 24	5 0	24 35	1 22	22 14	2 23	20 35	1 23	17 55	1 3	22 24	0 57	17 29	0 40	11 20	1 49	21 57	11 57	4 15	3 50	15 1	6 16	6 25	6 16
T 9	22 51	17 34	5 1	24 49	1 29	21 59	2 21	20 26	1 23	17 54	1 3	22 24	0 57	17 28	0 40	11 20	1 49	21 57	11 57	4 10	3 49	15 2	6 16	6 25	6 16
W10	22 56	15 53	4 49	24 59	1 35	21 42	2 20	20 17	1 23	17 52	1 3	22 24	0 57	17 27	0 40	11 20	1 49	21 56	11 57	4 6	3 48	15 3	6 16	6 25	6 16
T 11	23 1	13 27	4 22	25 7	1 41	21 26	2 18	20 7	1 22	17 51	1 2	22 25	0 57	17 27	0 40	11 19	1 49	21 56	11 57	4 3	3 47	15 4	6 16	6 26	6 16
F 12	23 5	10 19	3 42	25 12	1 46	21 9	2 16	19 58	1 22	17 50	1 2	22 25	0 57	17 26	0 40	11 19	1 48	21 55	11 56	4 1	3 45	15 5	6 15	6 26	6 15
S 13	23 9	6 38	2 50	25 15	1 50	20 52	2 13	19 48	1 21	17 48	1 2	22 25	0 56	17 25	0 40	11 19	1 48	21 54	11 56	4 0	3 44	15 6	6 15	6 26	6 15
S 14	23 13	2 33	1 48	25 15	1 54	20 34	2 11	19 39	1 21	17 47	1 2	22 25	0 56	17 24	0 40	11 18	1 48	21 54	11 56	3 59	3 43	15 7	6 15	6 27	6 15
M15	23 16	1s47	0 37	25 12	1 56	20 16	2 9	19 29	1 21	17 46	1 2	22 25	0 56	17 24	0 40	11 18	1 48	21 53	11 56	3 59	3 42	15 8	6 15	6 27	6 15
T 16	23 19	6 8	0n37	25 7	1 58	19 57	2 6	19 19	1 20	17 45	1 1	22 26	0 56	17 23	0 40	11 18	1 48	21 53	11 55	3 59	3 40	15 9	6 15	6 27	6 15
W17	23 21	10 15	1 51	25 0	2 0	19 38	2 3	19 9	1 20	17 43	1 1	22 26	0 56	17 22	0 40	11 18	1 48	21 52	11 55	3 59	3 39	15 10	6 15	6 28	6 15
T 18	23 23	13 49	2 59	24 51	2 0	19 19	2 0	18 59	1 19	17 42	1 1	22 26	0 56	17 21	0 40	11 17	1 48	21 51	11 55	3 57	3 38	15 11	6 15	6 28	6 15
F 19	23 24	16 32	3 56	24 39	2 0	18 59	1 57	18 48	1 19	17 41	1 1	22 26	0 56	17 20	0 40	11 17	1 48	21 51	11 54	3 55	3 37	15 12	6 15	6 28	6 15
S 20	23 26	18 9	4 36	24 26	1 59	18 39	1 54	18 38	1 19	17 40	1 1	22 26	0 56	17 20	0 40	11 17	1 48	21 50	11 54	3 52	3 35	15 13	6 15	6 29	6 15
S 21	23 26	18 28	4 58	24 11	1 57	18 19	1 50	18 28	1 18	17 39	1 0	22 27	0 56	17 19	0 40	11 17	1 48	21 50	11 54	3 48	3 34	15 14	6 15	6 29	6 15
M22	23 27	17 31	4 59	23 54	1 55	17 58	1 47	18 17	1 18	17 38	1 0	22 27	0 56	17 18	0 40	11 16	1 48	21 49	11 54	3 43	3 33	15 15	6 15	6 29	6 15
T 23	23 26	15 27	4 41	23 36	1 52	17 38	1 43	18 6	1 17	17 37	1 0	22 27	0 56	17 17	0 39	11 16	1 48	21 48	11 54	3 39	3 32	15 16	6 16	6 30	6 16
W24	23 26	12 31	4 6	23 16	1 48	17 16	1 39	17 55	1 17	17 36	1 0	22 27	0 56	17 16	0 39	11 16	1 48	21 48	11 53	3 36	3 30	15 17	6 16	6 30	6 16
T 25	23 25	9 0	3 18	22 56	1 44	16 55	1 35	17 44	1 17	17 35	1 0	22 28	0 56	17 15	0 39	11 16	1 48	21 47	11 53	3 34	3 29	15 18	6 16	6 30	6 16
F 26	23 23	5 8	2 20	22 34	1 39	16 33	1 31	17 33	1 16	17 34	0 59	22 28	0 56	17 14	0 39	11 16	1 48	21 46	11 53	3 33	3 28	15 19	6 16	6 30	6 16
S 27	23 22	1 10	1 18	22 11	1 33	16 12	1 26	17 22	1 16	17 33	0 59	22 28	0 55	17 13	0 39	11 16	1 48	21 46	11 53	3 32	3 27	15 20	6 16	6 31	6 16
S 28	23 19	2n45	0 13	21 47	1 27	15 50	1 22	17 11	1 15	17 33	0 59	22 28	0 55	17 13	0 39	11 15	1 48	21 45	11 52	3 32	3 25	15 21	6 17	6 31	6 16
M29	23 17	6 28	0s51	21 22	1 20	15 27	1 17	16 59	1 15	17 32	0 59	22 28	0 55	17 12	0 39	11 15	1 48	21 44	11 52	3 32	3 24	15 22	6 17	6 31	6 16
T 30	23n14	9n53	1s51	20n56	1n13	15n 5	1n12	16n48	1n15	17s31	0n58	22s29	0n55	17n11	0n39	11s15	1n48	21n44	11n52	3s31	3s23	15n23	6s17	6n32	6n32

ASTRODIENST EPHEMERIS for the year 1959

geocentric

JULY 1959

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 33 12	8°25'49	12°14'14	3°10'10	23°02'36	18°02'2	22°R41	3°R25	14°01'19	4°R15	2°13'13	8°R50	8°28'28	25°8'5	27°R14	W 1
T 2	18 37 9	9°23'02	24°2'2	4°28'28	24°22'29	18°39'39	22°M38	3°30'20	14°23'23	4°M15	2°15'15	8°24'44	8°25'25	25°11'11	27°12'12	T 2
F 3	18 41 5	10°20'15	5°11'54	5°43'43	25°22'22	19°15'15	22°35'35	3°16'16	14°26'26	4°14'14	2°16'16	8°36'36	8°22'22	25°18'18	27°11'11	F 3
S 4	18 45 2	11°17'28	17°52'52	6°56'56	26°14'14	19°52'52	22°32'32	3°12'12	14°29'29	4°14'14	2°17'17	8°25'25	8°19'19	25°25'25	27°9'9	S 4
S 5	18 48 59	12°14'41	29°58'58	8°6'6	27°5'5	20°29'29	22°29'29	3°7'7	14°32'32	4°13'13	2°19'19	8°12'12	8°16'16	25°31'31	27°7'7	S 5
M 6	18 52 55	13°11'55	12°51'51	9°13'13	27°56'56	21°6'6	22°26'26	3°3'3	14°36'36	4°13'13	2°20'20	7°59'59	8°12'12	25°38'38	27°5'5	M 6
T 7	18 56 52	14°9'08	24°42'42	10°18'18	28°46'46	21°42'42	22°24'24	2°59'59	14°39'39	4°13'13	2°22'22	7°46'46	8°9'9	25°45'45	27°3'3	T 7
W 8	19 0 48	15°6'22	7°01'01	11°19'19	29°35'35	22°19'19	22°21'21	2°54'54	14°42'42	4°12'12	2°23'23	7°34'34	8°6'6	25°51'51	27°1'1	W 8
T 9	19 4 45	16°3'35	20°8'8	12°17'17	0°10'10	22°56'56	22°19'19	2°50'50	14°46'46	4°12'12	2°25'25	7°25'25	8°3'3	25°58'58	26°59'59	T 9
F 10	19 8 41	17°0'49	3°10'10	13°13'13	1°12'12	23°33'33	22°17'17	2°46'46	14°49'49	4°12'12	2°26'26	7°19'19	8°0'0	26°5'5	26°57'57	F 10
S 11	19 12 38	17°58'02	16°20'20	14°5'5	1°59'59	24°10'10	22°15'15	2°42'42	14°52'52	4°12'12	2°28'28	7°15'15	7°56'56	26°12'12	26°55'55	S 11
S 12	19 16 34	18°55'15	29°45'45	14°53'53	2°45'45	24°47'47	22°14'14	2°38'38	14°56'56	4°12'12	2°29'29	7°14'14	7°53'53	26°18'18	26°53'53	S 12
M13	19 20 31	19°52'28	13°25'25	15°38'38	3°31'31	25°24'24	22°12'12	2°33'33	14°59'59	4°11'11	2°31'31	7°14'14	7°50'50	26°25'25	26°50'50	M13
T 14	19 24 28	20°49'41	27°20'20	16°19'19	4°15'15	26°1'1	22°11'11	2°29'29	15°3'3	4°11'11	2°32'32	7°14'14	7°47'47	26°32'32	26°48'48	T 14
W15	19 28 24	21°46'54	11°10'10	16°57'57	4°59'59	26°38'38	22°10'10	2°25'25	15°6'6	4°11'11	2°34'34	7°13'13	7°44'44	26°38'38	26°46'46	W15
T 16	19 32 21	22°44'07	25°56'56	17°30'30	5°42'42	27°15'15	22°9'9	2°21'21	15°10'10	4°11'11	2°35'35	7°9'9	7°41'41	26°45'45	26°43'43	T 16
F 17	19 36 17	23°41'21	10°27'27	18°0'0	6°23'23	27°52'52	22°8'8	2°17'17	15°13'13	4°D11	2°37'37	7°4'4	7°37'37	26°52'52	26°41'41	F 17
S 18	19 40 14	24°38'34	25°17'17	18°25'25	7°4'4	28°29'29	22°8'8	2°13'13	15°17'17	4°11'11	2°39'39	6°55'55	7°34'34	26°58'58	26°39'39	S 18
S 19	19 44 10	25°35'48	9°35'35	18°46'46	7°44'44	29°6'6	22°8'8	2°10'10	15°20'20	4°11'11	2°40'40	6°46'46	7°31'31	27°5'5	26°36'36	S 19
M20	19 48 7	26°33'02	24°33'33	19°2'2	8°22'22	29°43'43	22°D7'7	2°6'6	15°24'24	4°11'11	2°42'42	6°35'35	7°28'28	27°12'12	26°34'34	M20
T 21	19 52 4	27°30'17	8°35'35	19°13'13	8°59'59	0°10'10	22°8'8	2°2'2	15°27'27	4°11'11	2°44'44	6°25'25	7°25'25	27°18'18	26°31'31	T 21
W22	19 56 0	28°27'32	22°48'48	19°20'20	9°35'35	0°57'57	22°8'8	1°58'58	15°31'31	4°12'12	2°45'45	6°17'17	7°21'21	27°25'25	26°29'29	W22
T 23	19 59 57	29°24'47	6°10'10	19°R22	10°10'10	1°34'34	22°8'8	1°55'55	15°35'35	4°12'12	2°47'47	6°12'12	7°18'18	27°32'32	26°26'26	T 23
F 24	20 3 53	0°12'24	19°26'26	19°19'19	10°44'44	2°12'12	22°9'9	1°51'51	15°38'38	4°12'12	2°49'49	6°8'8	7°15'15	27°39'39	26°23'23	F 24
S 25	20 7 50	1°19'21	2°10'10	19°11'11	11°16'16	2°49'49	22°9'9	1°47'47	15°42'42	4°12'12	2°51'51	6°D7'7	7°12'12	27°45'45	26°21'21	S 25
S 26	20 11 46	2°16'39	14°32'32	18°58'58	11°47'47	3°26'26	22°10'10	1°44'44	15°46'46	4°13'13	2°52'52	6°7'7	7°9'9	27°52'52	26°18'18	S 26
M27	20 15 43	3°13'58	26°39'39	18°40'40	12°16'16	4°4'4	22°11'11	1°40'40	15°49'49	4°13'13	2°54'54	6°8'8	7°6'6	27°59'59	26°15'15	M27
T 28	20 19 39	4°11'18	8°35'35	18°17'17	12°44'44	4°41'41	22°13'13	1°37'37	15°53'53	4°13'13	2°56'56	6°R8'8	7°2'2	28°5'5	26°12'12	T 28
W29	20 23 36	5°8'39	20°26'26	17°50'50	13°11'11	5°18'18	22°14'14	1°34'34	15°56'56	4°14'14	2°58'58	6°6'6	6°59'59	28°12'12	26°10'10	W29
T 30	20 27 32	6°6'01	2°11'11	17°18'18	13°36'36	5°56'56	22°16'16	1°30'30	16°0'0	4°14'14	3°0'0	6°3'3	6°56'56	28°19'19	26°7'7	T 30
F 31	20 31 29	7°02'24	14°11'11	16°02'02	13°10'10	6°10'10	22°M18	1°30'30	16°02'02	4°14'14	3°10'10	5°28'28	6°53'53	28°25'25	26°4'4	F 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	♈	♈	lat	
W 1	23n10	12n52	2s47	20n30	1n 5	14n42	1n 7	16n36	1n14	17s30	0n58	22s29	0n55	17n10	0n39	11s15	1n48	21n43	11n52	3s30	3s22	15n24	6s17
T 2	23 7	15 19	3 35	20 4	0 57	14 20	1 1	16 24	1 14	17 30	0 58	22 29	0 55	17 9	0 39	11 15	1 48	21 42	11 51	3 28	3 20	15 25	6 18
F 3	23 2	17 8	4 13	19 37	0 48	13 57	0 56	16 13	1 13	17 29	0 58	22 29	0 55	17 8	0 39	11 15	1 47	21 42	11 51	3 25	3 19	15 26	6 18
S 4	22 58	18 13	4 41	19 9	0 38	13 34	0 50	16 1	1 13	17 29	0 57	22 29	0 55	17 7	0 39	11 15	1 47	21 41	11 51	3 20	3 18	15 27	6 18
S 5	22 53	18 29	4 57	18 42	0 28	13 10	0 44	15 49	1 12	17 28	0 57	22 30	0 55	17 6	0 39	11 15	1 47	21 40	11 51	3 15	3 17	15 28	6 19
M 6	22 47	17 55	4 59	18 14	0 18	12 47	0 38	15 36	1 12	17 28	0 57	22 30	0 55	17 5	0 39	11 15	1 47	21 40	11 51	3 10	3 15	15 29	6 19
T 7	22 41	16 28	4 47	17 47	0 7	12 24	0 32	15 24	1 12	17 27	0 57	22 30	0 55	17 4	0 39	11 14	1 47	21 39	11 50	3 5	3 14	15 30	6 20
W 8	22 35	14 14	4 21	17 19	0s 4	12 1	0 25	15 12	1 11	17 27	0 56	22 30	0 54	17 3	0 39	11 14	1 47	21 38	11 50	3 0	3 13	15 31	6 20
T 9	22 29	11 16	3 42	16 52	0 16	11 37	0 18	14 59	1 11	17 27	0 56	22 30	0 54	17 2	0 39	11 14	1 47	21 37	11 50	2 57	3 12	15 32	6 20
F 10	22 22	7 43	2 50	16 25	0 28	11 14	0 12	14 47	1 10	17 26	0 56	22 31	0 54	17 1	0 39	11 14	1 47	21 37	11 50	2 54	3 10	15 33	6 21
S 11	22 14	3 44	1 48	15 58	0 40	10 50	0 4	14 34	1 10	17 26	0 56	22 31	0 54	17 0	0 39	11 14	1 47	21 36	11 50	2 53	3 9	15 34	6 21
S 12	22 6	0s30	0 40	15 32	0 53	10 27	0s 3	14 21	1 10	17 26	0 56	22 31	0 54	16 59	0 39	11 14	1 47	21 35	11 50	2 52	3 8	15 35	6 22
M13	21 58	4 48	0n33	15 6	1 6	10 3	0 10	14 9	1 9	17 26	0 55	22 31	0 54	16 58	0 39	11 14	1 47	21 34	11 49	2 52	3 7	15 36	6 22
T 14	21 50	8 54	1 44	14 41	1 19	9 40	0 18	13 56	1 9	17 26	0 55	22 31	0 54	16 57	0 39	11 14	1 47	21 34	11 49	2 52	3 5	15 37	6 23
W15	21 41	12 34	2 51	14 17	1 33	9 17	0 26	13 43	1 8	17 26	0 55	22 31	0 54	16 56	0 39	11 14	1 47	21 33	11 49	2 52	3 4	15 38	6 24
T 16	21 32	15 33	3 48	13 54	1 47	8 54	0 34	13 30	1 8	17 26	0 55	22 32	0 54	16 55	0 39	11 14	1 47	21 32	11 49	2 50	3 3	15 39	6 24
F 17	21 22	17 34	4 31	13 31	2 1	8 30	0 43	13 16	1 7	17 26	0 54	22 32	0 53	16 54	0 39	11 15	1 47	21 32	11 49	2 48	3 2	15 40	6 25
S 18	21 12	18 26	4 56	13 10	2 15	8 7	0 51	13 3	1 7	17 26	0 54	22 32	0 53	16 53	0 39	11 15	1 47	21 31	11 49	2 45	3 0	15 40	6 25
S 19	21 2	18 3	5 2	12 51	2 29	7 45	1 0	12 50	1 7	17 26	0 54	22 32	0 53	16 52	0 39	11 15	1 47	21 30	11 48	2 41	2 59	15 41	6 26
M20	20 51	16 30	4 48	12 33	2 43	7 22	1 9	12 36	1 6	17 26	0 54	22 32	0 53	16 51	0 39	11 15	1 47	21 29	11 48	2 37	2 58	15 42	6 27
T 21	20 40	13 56	4 16	12 16	2 56	6 59	1 18	12 23	1 6	17 27	0 53	22 33	0 53	16 50	0 39	11 15	1 46	21 29	11 48	2 33	2 56	15 43	6 27
W22	20 28	10 37	3 29	12 1	3 10	6 37	1 28	12 9	1 5	17 27	0 53	22 33	0 53	16 49	0 39	11 15	1 46	21 28	11 48	2 30	2 55	15 44	6 28
T 23	20 17	6 50	2 32	11 47	3 23	6 15	1 37	11 55	1 5	17 27	0 53	22 33	0 53	16 47	0 39	11 15	1 46	21 27	11 48	2 28	2 54	15 45	6 29
F 24	20 4	2 50	1 28	11 36	3 36	5 53	1 47	11 42	1 4	17 28	0 53	22 33	0 53	16 46	0 39	11 15	1 46	21 26	11 48	2 26	2 53	15 46	6 30
S 25	19 52	1n11	0 21	11 27	3 49	5 32	1 57	11 28	1 4	17 28	0 52	22 33	0 52	16 45	0 39	11 15	1 46	21 25	11 48	2 26	2 51	15 47	6 30
S 26	19 39	5 2	0s45	11 19	4 1	5 10	2 8	11 14	1 3	17 29	0 52	22 33	0 52	16 44	0 39	11 15	1 46	21 25	11 48	2 26	2 50	15 48	6 31
M27	19 26	8 36	1 47	11 14	4 12	4 50	2 18	11 0	1 3	17 29	0 52	22 34	0 52	16 43	0 39	11 16	1 46	21 24	11 47	2 26	2 49	15 49	6 32
T 28	19 13	11 46	2 44	11 12	4 22	4 29	2 29	10 46	1 3	17 30	0 52	22 34	0 52	16 42	0 39	11 16	1 46	21 23	11 47	2 26	2 48	15 50	6 33
W29	18 59	14 25	3 34	11 11	4 31	4 9	2 40	10 32	1 2	17 30	0 51	22 34	0 52	16 41	0 39	11 16	1 46	21 22	11 47	2 26	2 46	15 51	6 33
T 30	18 45	16 28	4 14	11 13	4 39	4 9	2 51	10 18	1 2	17 31	0 51	22 34	0 52	16 40	0 39	11 16	1 46	21 22	11 47	2 24	2 45	15 52	6 34
F 31	18n31	17n49	4s44	11n17	4s45	3n30	3s 2	10n 3	1n 1	17s32	0n51	22s34	0n52	16n39	0n39	11s16	1n46	21n21	11n47	2s22	2s44	15n53	6s35

ASTRODIENST EPHEMERIS for the year 1959

geocentric

AUGUST 1959

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 35 26	8♌ 0'48	26♊15	16°R 4	14♎20	7♎11	22♌20	1°R24	16♌ 8	4♌15	3♎ 3	5°R50	6♌50	28♎32	26°R 1	S 1
S 2	20 39 22	8°58'13	8♌30	15♌22	14°40	7°48	22°22	1°R21	16°11	4°15	3° 5	5♌41	6°47	28°39	25°R58	S 2
M 3	20 43 19	9°55'39	20°57	14°38	14°58	8°26	22°24	1°18	16°15	4°16	3° 7	5°31	6°43	28°45	25°55	M 3
T 4	20 47 15	10°53'06	3♌29	13°53	15°14	9° 3	22°27	1°15	16°19	4°17	3° 9	5°21	6°40	28°52	25°53	T 4
W 5	20 51 12	11°50'34	16°35	13° 6	15°28	9°41	22°30	1°12	16°22	4°17	3°11	5°12	6°37	28°59	25°50	W 5
T 6	20 55 8	12°48'03	29°44	12°20	15°40	10°19	22°32	1°10	16°26	4°18	3°13	5° 6	6°34	29° 6	25°47	T 6
F 7	20 59 5	13°45'33	13♎ 5	11°35	15°49	10°56	22°36	1° 7	16°30	4°18	3°15	5° 1	6°31	29°12	25°44	F 7
S 8	21 3 1	14°43'04	26°37	10°52	15°57	11°34	22°39	1° 4	16°34	4°19	3°17	4°59	6°27	29°19	25°41	S 8
S 9	21 6 58	15°40'35	10♌20	10°11	16° 3	12°12	22°42	1° 2	16°37	4°20	3°19	4°D59	6°24	29°26	25°38	S 9
M10	21 10 55	16°38'08	24°11	9°34	16° 6	12°50	22°46	0°59	16°41	4°21	3°20	5° 0	6°21	29°32	25°35	M10
T 11	21 14 51	17°35'41	8♌11	9° 1	16°R 7	13°27	22°49	0°57	16°45	4°21	3°22	5° 1	6°18	29°39	25°32	T 11
W12	21 18 48	18°33'15	22°19	8°33	16° 6	14° 5	22°53	0°55	16°48	4°22	3°24	5°R 1	6°15	29°46	25°29	W12
T 13	21 22 44	19°30'50	6♎33	8°10	16° 2	14°43	22°57	0°53	16°52	4°23	3°26	5° 0	6°12	29°52	25°26	T 13
F 14	21 26 41	20°28'26	20°52	7°54	15°56	15°21	23° 2	0°51	16°56	4°24	3°28	4°57	6° 8	29°59	25°23	F 14
S 15	21 30 37	21°26'03	5♌11	7°44	15°48	15°59	23° 6	0°49	17° 0	4°25	3°30	4°52	6° 5	0♊ 6	25°20	S 15
S 16	21 34 34	22°23'40	19°27	7°D41	15°37	16°37	23°11	0°47	17° 3	4°26	3°32	4°46	6° 2	0°12	25°17	S 16
M17	21 38 30	23°21'19	3♎35	7°45	15°24	17°15	23°15	0°45	17° 7	4°27	3°34	4°39	5°59	0°19	25°14	M17
T 18	21 42 27	24°18'59	17°30	7°57	15° 9	17°53	23°20	0°43	17°11	4°28	3°36	4°33	5°56	0°26	25°10	T 18
W19	21 46 24	25°16'41	1♎ 8	8°16	14°51	18°31	23°25	0°41	17°14	4°29	3°38	4°28	5°53	0°33	25° 7	W19
T 20	21 50 20	26°14'23	14°27	8°42	14°30	19° 9	23°31	0°40	17°18	4°30	3°40	4°25	5°49	0°39	25° 4	T 20
F 21	21 54 17	27°12'07	27°25	9°16	14° 8	19°47	23°36	0°38	17°22	4°31	3°42	4°23	5°46	0°46	25° 1	F 21
S 22	21 58 13	28° 9'53	10♎ 4	9°57	13°44	20°25	23°41	0°37	17°26	4°32	3°44	4°D23	5°43	0°53	24°58	S 22
S 23	22 2 10	29° 7'40	22°25	10°46	13°17	21° 4	23°47	0°36	17°29	4°33	3°46	4°24	5°40	0°59	24°55	S 23
M24	22 6 6	0♎ 5'29	4♎32	11°41	12°49	21°42	23°53	0°35	17°33	4°34	3°48	4°26	5°37	1° 6	24°52	M24
T 25	22 10 3	1° 3'20	16°30	12°44	12°19	22°20	23°59	0°33	17°37	4°36	3°50	4°27	5°33	1°13	24°49	T 25
W26	22 13 59	2° 1'12	28°22	13°52	11°47	22°58	24° 5	0°32	17°40	4°37	3°52	4°R28	5°30	1°19	24°46	W26
T 27	22 17 56	2°59'06	10♊14	15° 7	11°14	23°37	24°11	0°31	17°44	4°38	3°54	4°28	5°27	1°26	24°43	T 27
F 28	22 21 53	3°57'02	22°11	16°28	10°40	24°15	24°18	0°31	17°47	4°39	3°56	4°26	5°24	1°33	24°40	F 28
S 29	22 25 49	4°55'00	4♎17	17°54	10° 4	24°53	24°24	0°30	17°51	4°41	3°58	4°24	5°21	1°40	24°37	S 29
S 30	22 29 46	5°53'00	16°36	19°25	9°28	25°32	24°31	0°29	17°55	4°42	4° 0	4°20	5°18	1°46	24°34	S 30
M31	22 33 42	6♎51'01	29♌11	21♌ 1	8♎51	26♎10	24♌38	0°R29	17°58	4♌43	4♎ 2	4♌15	5♌14	1♊53	24°R31	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	18n16	18n23	5s 1	11n24	4s51	3n11	3s14	9n49	1n 1	17s32	0n51	22s35	0n52	16n38	0n39	S 1
S 2	18 1	18 6	5 5	11 32	4 54	2 53	3 26	9 35	1 0	17 33	0 50	22 35	0 51	16 37	0 39	S 2
M 3	17 46	16 58	4 54	11 43	4 56	2 35	3 38	9 20	1 0	17 34	0 50	22 35	0 51	16 35	0 39	M 3
T 4	17 30	14 59	4 29	11 56	4 56	2 18	3 50	9 6	0 59	17 35	0 50	22 35	0 51	16 34	0 39	T 4
W 5	17 14	12 13	3 50	12 11	4 54	2 1	4 2	8 51	0 59	17 36	0 50	22 35	0 51	16 33	0 39	W 5
T 6	16 58	8 48	2 58	12 27	4 51	1 45	4 14	8 36	0 59	17 37	0 49	22 35	0 51	16 32	0 39	T 6
F 7	16 42	4 53	1 55	12 44	4 45	1 30	4 26	8 22	0 58	17 38	0 49	22 36	0 51	16 31	0 39	F 7
S 8	16 25	0 39	0 45	13 3	4 38	1 15	4 39	8 7	0 58	17 39	0 49	22 36	0 51	16 30	0 39	S 8
S 9	16 8	3s39	0n29	13 22	4 29	1 1	4 52	7 52	0 57	17 40	0 49	22 36	0 50	16 29	0 39	S 9
M10	15 51	7 48	1 42	13 42	4 19	0 48	5 4	7 37	0 57	17 41	0 48	22 36	0 50	16 28	0 39	M10
T 11	15 34	11 34	2 49	14 2	4 7	0 36	5 17	7 22	0 56	17 42	0 48	22 36	0 50	16 26	0 39	T 11
W12	15 16	14 41	3 47	14 22	3 54	0 25	5 30	7 7	0 56	17 43	0 48	22 36	0 50	16 25	0 39	W12
T 13	14 58	16 56	4 32	14 42	3 39	0 15	5 42	6 52	0 55	17 45	0 48	22 36	0 50	16 24	0 39	T 13
F 14	14 40	18 9	5 0	15 0	3 24	0 6	5 55	6 37	0 55	17 46	0 47	22 37	0 50	16 23	0 39	F 14
S 15	14 22	18 12	5 9	15 19	3 8	0s 3	6 7	6 22	0 54	17 47	0 47	22 37	0 50	16 22	0 39	S 15
S 16	14 3	17 6	4 59	15 35	2 51	0 10	6 20	6 7	0 54	17 49	0 47	22 37	0 49	16 21	0 39	S 16
M17	13 44	14 58	4 31	15 51	2 34	0 16	6 32	5 52	0 54	17 50	0 47	22 37	0 49	16 20	0 39	M17
T 18	13 25	11 59	3 47	16 5	2 17	0 21	6 43	5 36	0 53	17 51	0 47	22 37	0 49	16 19	0 39	T 18
W19	13 6	8 25	2 51	16 17	1 59	0 25	6 55	5 21	0 53	17 53	0 46	22 37	0 49	16 18	0 39	W19
T 20	12 46	4 29	1 46	16 27	1 42	0 28	7 6	5 6	0 52	17 54	0 46	22 38	0 49	16 16	0 39	T 20
F 21	12 27	0 27	0 38	16 35	1 24	0 29	7 17	4 50	0 52	17 56	0 46	22 38	0 49	16 15	0 39	F 21
S 22	12 7	3n31	0s31	16 41	1 7	0 29	7 27	4 35	0 51	17 58	0 46	22 38	0 49	16 14	0 39	S 22
S 23	11 47	7 14	1 37	16 44	0 51	0 28	7 37	4 19	0 51	17 59	0 45	22 38	0 48	16 13	0 39	S 23
M24	11 26	10 34	2 37	16 44	0 34	0 26	7 46	4 4	0 50	18 1	0 45	22 38	0 48	16 12	0 39	M24
T 25	11 6	13 25	3 30	16 41	0 19	0 23	7 55	3 48	0 50	18 3	0 45	22 38	0 48	16 11	0 39	T 25
W26	10 45	15 41	4 13	16 36	0 4	0 18	8 3	3 33	0 49	18 4	0 45	22 39	0 48	16 10	0 39	W26
T 27	10 25	17 16	4 46	16 28	0n10	0 13	8 10	3 17	0 49	18 6	0 45	22 39	0 48	16 9	0 39	T 27
F 28	10 4	18 7	5 6	16 16	0 23	0 6	8 17	3 2	0 48	18 8	0 44	22 39	0 48	16 8	0 39	F 28
S 29	9 43	18 10	5 13	16 2	0 36	0n 2	8 22	2 46	0 48	18 10	0 44	22 39	0 47	16 6	0 39	S 29
S 30	9 21	17 21	5 6	15 44	0 47	0 11	8 27	2 30	0 47	18 11	0 44	22 39	0 47	16 5	0 39	S 30
M31	9n 0	15n41	4s44	15n24	0n57	0n21	8s31	2n14	0n47	18s13	0n44	22s39	0n47	16n 4	0n39	M31

Julian Day Number = 2436781.5, Delta T = 32.96 sec
 Ecliptic obliquity = 23°26'31, Nutation = 0°00'03, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°10'33, Lahiri = 23°17'33

ASTRODIENST EPHEMERIS for the year 1959

geocentric

SEPTEMBER 1959

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 37 39	7♎49°04	12♏ 3	22♏41	8°R14	26♎49	24♎45	0°R28	18♏ 2	4♎45	4♎ 4	4°R11	5♏11	2♏ 0	24°R28	T 1
W 2	22 41 35	8°47'09	25°15	24°24	7♎37	27°27	24°52	0°Z28	18° 5	4°46	4° 6	4♏ 7	5° 8	2° 6	24°R25	W 2
T 3	22 45 32	9°45'16	8♎44	26° 9	7° 0	28° 6	24°59	0°28	18° 9	4°48	4° 8	4° 5	5° 5	2°13	24°22	T 3
F 4	22 49 28	10°43'24	22°29	27°58	6°24	28°45	25° 6	0°28	18°12	4°49	4°10	4° 3	5° 2	2°20	24°20	F 4
S 5	22 53 25	11°41'34	6♏28	29°49	5°48	29°23	25°14	0°D27	18°16	4°51	4°12	4°D 3	4°58	2°26	24°17	S 5
S 6	22 57 22	12°39'45	20°35	1♎41	5°12	0♏ 2	25°21	0°28	18°19	4°52	4°14	4° 3	4°55	2°33	24°14	S 6
M 7	23 1 18	13°37'58	4♎49	3°34	4°38	0°41	25°29	0°28	18°23	4°54	4°16	4° 4	4°52	2°40	24°11	M 7
T 8	23 5 15	14°36'13	19° 6	5°28	4° 5	1°19	25°37	0°28	18°26	4°55	4°18	4° 6	4°49	2°47	24° 8	T 8
W 9	23 9 11	15°34'29	3♏22	7°23	3°34	1°58	25°45	0°28	18°30	4°57	4°20	4° 7	4°46	2°53	24° 6	W 9
T 10	23 13 8	16°32'47	17°35	9°18	3° 4	2°37	25°53	0°29	18°33	4°58	4°22	4°R 7	4°43	3° 0	24° 3	T 10
F 11	23 17 4	17°31'06	1♏43	11°14	2°36	3°16	26° 2	0°29	18°37	5° 0	4°24	4° 7	4°39	3° 7	24° 0	F 11
S 12	23 21 1	18°29'26	15°44	13° 9	2°10	3°55	26°10	0°30	18°40	5° 2	4°26	4° 5	4°36	3°13	23°57	S 12
S 13	23 24 57	19°27'49	29°35	15° 3	1°46	4°34	26°18	0°31	18°43	5° 3	4°28	4° 4	4°33	3°20	23°55	S 13
M14	23 28 54	20°26'12	13♏16	16°57	1°24	5°13	26°27	0°31	18°47	5° 5	4°30	4° 2	4°30	3°27	23°52	M14
T 15	23 32 50	21°24'38	26°44	18°51	1° 4	5°52	26°36	0°32	18°50	5° 7	4°32	4° 0	4°27	3°33	23°50	T 15
W16	23 36 47	22°23'05	9♏57	20°43	0°47	6°31	26°45	0°33	18°53	5° 8	4°34	3°59	4°24	3°40	23°47	W16
T 17	23 40 44	23°21'34	22°56	22°35	0°32	7°10	26°54	0°35	18°56	5°10	4°36	3°58	4°20	3°47	23°44	T 17
F 18	23 44 40	24°20'05	5♎40	24°26	0°19	7°49	27° 3	0°36	19° 0	5°12	4°38	3°D58	4°17	3°54	23°42	F 18
S 19	23 48 37	25°18'38	18° 9	26°17	0° 9	8°28	27°12	0°37	19° 3	5°14	4°40	3°58	4°14	4° 0	23°40	S 19
S 20	23 52 33	26°17'13	0♏24	28° 6	0° 1	9° 8	27°21	0°38	19° 6	5°16	4°42	3°59	4°11	4° 7	23°37	S 20
M21	23 56 30	27°15'50	12°29	29°54	29♏55	9°47	27°31	0°40	19° 9	5°18	4°44	4° 0	4° 8	4°14	23°35	M21
T 22	0 0 26	28°14'29	24°25	1♏41	29°53	10°26	27°40	0°42	19°12	5°19	4°46	4° 0	4° 4	4°20	23°32	T 22
W23	0 4 23	29°13'10	6♏18	3°28	29°D52	11° 5	27°50	0°43	19°15	5°21	4°48	4° 1	4° 1	4°27	23°30	W23
T 24	0 8 19	0♏11'54	18° 9	5°13	29°54	11°45	28° 0	0°45	19°18	5°23	4°49	4° 1	3°58	4°34	23°28	T 24
F 25	0 12 16	1°10'40	0♏ 5	6°57	29°58	12°24	28°10	0°47	19°21	5°25	4°51	4°R 1	3°55	4°40	23°26	F 25
S 26	0 16 13	2° 9'28	12°10	8°41	0♎ 5	13° 4	28°19	0°49	19°24	5°27	4°53	4° 1	3°52	4°47	23°24	S 26
S 27	0 20 9	3° 8'18	24°29	10°23	0°13	13°43	28°30	0°51	19°27	5°29	4°55	4° 1	3°49	4°54	23°21	S 27
M28	0 24 6	4° 7'11	7♏ 4	12° 5	0°24	14°23	28°40	0°53	19°30	5°31	4°57	4°D 1	3°45	5° 1	23°19	M28
T 29	0 28 2	5° 6'06	20° 1	13°45	0°37	15° 2	28°50	0°55	19°33	5°33	4°59	4° 1	3°42	5° 7	23°17	T 29
W30	0 31 59	6♏ 5'03	3♎20	15♏25	0♎52	15♏42	29♎ 0	0°Z58	19♏36	5♎35	5♎ 0	4♏ 1	3♏39	5♏14	23°15	W30

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
T 1	8n38	13n13	4 s 8	15n 1	1n 7	0n32	8s34	1n59	0n46	18s15	0n44	22s39	0n47	16n 3	0n39	11s28	1n44	20n57	11n47	1s40	2s 4	16n20	7s 7	6n37
W 2	8 17	10 0	3 17	14 34	1 15	0 43	8 36	1 43	0 46	18 17	0 43	22 40	0 47	16 2	0 39	11 29	1 44	20 57	11 47	1 38	2 2	16 21	7 8	6 37
T 3	7 55	6 13	2 15	14 6	1 23	0 56	8 37	1 27	0 46	18 19	0 43	22 40	0 47	16 1	0 39	11 29	1 44	20 56	11 47	1 37	2 1	16 22	7 10	6 36
F 4	7 33	2 1	1 3	13 34	1 29	1 9	8 37	1 11	0 45	18 21	0 43	22 40	0 47	16 0	0 39	11 30	1 44	20 55	11 47	1 37	2 0	16 23	7 11	6 36
S 5	7 11	2s22	0n13	13 1	1 34	1 22	8 36	0 55	0 45	18 23	0 43	22 40	0 46	15 59	0 39	11 30	1 44	20 55	11 48	1 36	1 59	16 24	7 12	6 36
S 6	6 49	6 39	1 30	12 25	1 39	1 36	8 35	0 40	0 44	18 25	0 43	22 40	0 46	15 58	0 39	11 31	1 44	20 54	11 48	1 37	1 57	16 24	7 13	6 36
M 7	6 26	10 35	2 42	11 47	1 42	1 51	8 32	0 24	0 44	18 27	0 42	22 40	0 46	15 57	0 39	11 31	1 44	20 54	11 48	1 37	1 56	16 25	7 14	6 36
T 8	6 4	13 55	3 44	11 8	1 45	2 6	8 29	0 8	0 43	18 29	0 42	22 41	0 46	15 56	0 39	11 32	1 44	20 53	11 48	1 38	1 55	16 26	7 15	6 35
W 9	5 41	16 23	4 32	10 27	1 47	2 21	8 25	0s 8	0 43	18 31	0 42	22 41	0 46	15 55	0 40	11 32	1 44	20 52	11 48	1 38	1 54	16 27	7 16	6 35
T 10	5 19	17 50	5 3	9 45	1 48	2 36	8 20	0 24	0 42	18 33	0 42	22 41	0 46	15 54	0 40	11 33	1 44	20 52	11 48	1 38	1 52	16 28	7 17	6 35
F 11	4 56	18 10	5 16	9 1	1 48	2 51	8 14	0 40	0 42	18 35	0 42	22 41	0 45	15 53	0 40	11 34	1 44	20 51	11 48	1 38	1 51	16 28	7 18	6 35
S 12	4 33	17 24	5 9	8 17	1 48	3 6	8 8	0 56	0 41	18 38	0 41	22 41	0 45	15 52	0 40	11 34	1 44	20 50	11 49	1 38	1 50	16 29	7 19	6 35
S 13	4 10	15 35	4 45	7 32	1 46	3 21	8 1	1 12	0 41	18 40	0 41	22 41	0 45	15 51	0 40	11 35	1 44	20 50	11 49	1 37	1 49	16 30	7 20	6 34
M14	3 47	12 55	4 5	6 46	1 45	3 36	7 53	1 27	0 40	18 42	0 41	22 41	0 45	15 50	0 40	11 35	1 44	20 49	11 49	1 36	1 47	16 31	7 22	6 34
T 15	3 24	9 36	3 12	5 59	1 42	3 51	7 45	1 43	0 40	18 44	0 41	22 42	0 45	15 49	0 40	11 36	1 44	20 49	11 49	1 35	1 46	16 32	7 23	6 34
W16	3 1	5 51	2 9	5 12	1 40	4 5	7 36	1 59	0 39	18 46	0 41	22 42	0 45	15 48	0 40	11 37	1 44	20 48	11 49	1 35	1 45	16 32	7 24	6 34
T 17	2 38	1 52	1 1	4 25	1 36	4 19	7 27	2 15	0 39	18 49	0 40	22 42	0 45	15 47	0 40	11 37	1 43	20 48	11 49	1 35	1 43	16 33	7 25	6 33
F 18	2 15	2n 6	0s 9	3 38	1 33	4 32	7 17	2 31	0 38	18 51	0 40	22 42	0 44	15 46	0 40	11 38	1 43	20 47	11 50	1 35	1 42	16 34	7 26	6 33
S 19	1 52	5 55	1 18	2 50	1 28	4 45	7 7	2 47	0 37	18 53	0 40	22 42	0 44	15 45	0 40	11 39	1 43	20 46	11 50	1 35	1 41	16 35	7 27	6 33
S 20	1 29	9 24	2 21	2 2	1 24	4 57	6 57	3 3	0 38	18 55	0 40	22 42	0 44	15 44	0 40	11 39	1 43	20 46	11 50	1 35	1 40	16 35	7 28	6 33
M21	1 5	12 27	3 18	1 15	1 19	5 9	6 47	3 19	0 37	18 58	0 40	22 42	0 44	15 43	0 40	11 40	1 43	20 45	11 50	1 35	1 38	16 36	7 29	6 32
T 22	0 42	14 55	4 5	0 28	1 14	5 20	6 36	3 35	0 36	19 0	0 40	22 43	0 44	15 42	0 40	11 40	1 43	20 45	11 50	1 36	1 37	16 37	7 30	6 32
W23	0 19	16 45	4 41	0s20	1 9	5 30	6 25	3 51	0 36	19 2	0 39	22 43	0 44	15 41	0 40	11 41	1 43	20 44	11 51	1 36	1 36	16 38	7 31	6 32
T 24	0s 5	17 51	5 5	1 7	1 3	5 40	6 14	4 6	0 35	19 5	0 39	22 43	0 44	15 40	0 40	11 42	1 43	20 44	11 51	1 36	1 35	16 39	7 32	6 31
F 25	0 28	18 10	5 17	1 53	0 57	5 49	6 3	4 22	0 35	19 7	0 39	22 43	0 43	15 39	0 40	11 42	1 43	20 43	11 51	1 36	1 33	16 39	7 33	6 31
S 26	0 51	17 40	5 14	2 40	0 51	5 57	5 51	4 38	0 34	19 9	0 39	22 43	0 43	15 38	0 40	11 43	1 43	20 43	11 51	1 36	1 32	16 40	7 34	6 31
S 27	1 15	16 21	4 57	3 26	0 45	6 5	5 40	4 54	0 34	19 12	0 39	22 43	0 43	15 37	0 40	11 44	1 43	20 42	11 51	1 36	1 31	16 41	7 35	6 30
M28	1 38	14 13	4 26	4 11	0 38	6 12	5 29	5 10	0 33	19 14	0 39	22 43	0 43	15 36	0 40	11 44	1 43	20 42	11 52	1 36	1 30	16 42	7 36	6 30
T 29	2 2	11 19	3 41	4 57	0 32	6 18	5 17	5 25	0 33	19 17	0 38	22 44	0 43	15 35	0 40	11 45	1 43	20 41	11 52	1 36	1 28	16 42	7 37	6 30
W30	2s25	7n46	2s42	5s41	0n25	6n23	5s 6	5s41	0n32	19s19	0n38	22s44	0n43	15n35	0n40	11s46	1n43	20n41	11n52	1s36	1s27	16n43	7s38	6n29

ASTRODIENST EPHEMERIS for the year 1959
geocentric

OCTOBER 1959

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 35 55	7♌ 4'02	17♏ 2	17♌ 4	1♏ 9	16♌22	29♏11	1♌ 0	19♏39	5♏37	5♏ 2	4♌ 1	3♌36	5♏21	23°R13	T 1
F 2	0 39 52	8° 3'03	1♌ 6	18°42	1°28	17° 1	29°21	1° 3	19°41	5°39	5° 4	4°R 2	3°33	5°27	23°≈11	F 2
S 3	0 43 48	9° 2'07	15°28	20°19	1°49	17°41	29°32	1° 5	19°44	5°41	5° 6	4° 2	3°30	5°34	23°10	S 3
S 4	0 47 45	10° 1'12	0♏ 4	21°55	2°12	18°21	29°43	1° 8	19°47	5°43	5° 7	4° 1	3°26	5°41	23° 8	S 4
M 5	0 51 42	11° 0'19	14°45	23°31	2°36	19° 1	29°53	1°11	19°50	5°45	5° 9	4° 1	3°23	5°48	23° 6	M 5
T 6	0 55 38	11°59'29	29°27	25° 5	3° 3	19°41	0♌ 4	1°14	19°52	5°47	5°11	4° 0	3°20	5°54	23° 4	T 6
W 7	0 59 35	12°58'40	14♌ 2	26°39	3°30	20°21	0°15	1°17	19°55	5°49	5°13	3°59	3°17	6° 1	23° 3	W 7
T 8	1 3 31	13°57'53	28°26	28°12	4° 0	21° 1	0°26	1°20	19°57	5°51	5°14	3°58	3°14	6° 8	23° 1	T 8
F 9	1 7 28	14°57'08	12♌35	29°45	4°31	21°40	0°37	1°23	20° 0	5°54	5°16	3°D58	3°10	6°14	23° 0	F 9
S 10	1 11 24	15°56'24	26°28	1♏16	5° 3	22°21	0°49	1°26	20° 2	5°56	5°17	3°58	3° 7	6°21	22°58	S 10
S 11	1 15 21	16°55'42	10≈ 3	2°47	5°37	23° 1	1° 0	1°30	20° 5	5°58	5°19	3°59	3° 4	6°28	22°57	S 11
M12	1 19 17	17°55'02	23°23	4°17	6°12	23°41	1°11	1°33	20° 7	6° 0	5°21	4° 0	3° 1	6°34	22°56	M12
T 13	1 23 14	18°54'24	6♌27	5°46	6°48	24°21	1°23	1°37	20°10	6° 2	5°22	4° 1	2°58	6°41	22°54	T 13
W14	1 27 10	19°53'47	19°17	7°15	7°26	25° 1	1°34	1°40	20°12	6° 4	5°24	4° 2	2°55	6°48	22°53	W14
T 15	1 31 7	20°53'13	1°Y55	8°43	8° 5	25°41	1°46	1°44	20°14	6° 6	5°25	4°R 2	2°51	6°55	22°52	T 15
F 16	1 35 4	21°52'40	14°21	10°10	8°45	26°22	1°58	1°48	20°16	6° 9	5°27	4° 2	2°48	7° 1	22°51	F 16
S 17	1 39 0	22°52'09	26°37	11°36	9°27	27° 2	2° 9	1°51	20°19	6°11	5°28	4° 1	2°45	7° 8	22°50	S 17
S 18	1 42 57	23°51'41	8♌44	13° 1	10° 9	27°42	2°21	1°55	20°21	6°13	5°30	3°59	2°42	7°15	22°49	S 18
M19	1 46 53	24°51'14	20°44	14°26	10°53	28°23	2°33	1°59	20°23	6°15	5°31	3°55	2°39	7°21	22°48	M19
T 20	1 50 50	25°50'50	2♏38	15°49	11°37	29° 3	2°45	2° 3	20°25	6°17	5°33	3°52	2°35	7°28	22°47	T 20
W21	1 54 46	26°50'28	14°30	17°12	12°23	29°44	2°57	2° 8	20°27	6°20	5°34	3°48	2°32	7°35	22°46	W21
T 22	1 58 43	27°50'08	26°21	18°34	13° 9	0♏24	3° 9	2°12	20°29	6°22	5°35	3°45	2°29	7°42	22°45	T 22
F 23	2 2 39	28°49'50	8♌16	19°55	13°57	1° 5	3°21	2°16	20°31	6°24	5°37	3°42	2°26	7°48	22°45	F 23
S 24	2 6 36	29°49'35	20°18	21°15	14°45	1°45	3°33	2°20	20°32	6°26	5°38	3°40	2°23	7°55	22°44	S 24
S 25	2 10 33	0♏49'22	2♏33	22°34	15°34	2°26	3°46	2°25	20°34	6°29	5°39	3°D40	2°20	8° 2	22°43	S 25
M26	2 14 29	1°49'11	15° 3	23°51	16°24	3° 7	3°58	2°29	20°36	6°31	5°41	3°40	2°16	8° 8	22°43	M26
T 27	2 18 26	2°49'02	27°55	25° 7	17°15	3°48	4°10	2°34	20°38	6°33	5°42	3°42	2°13	8°15	22°42	T 27
W28	2 22 22	3°48'56	11♏12	26°22	18° 6	4°28	4°23	2°39	20°39	6°35	5°43	3°44	2°10	8°22	22°42	W28
T 29	2 26 19	4°48'51	24°55	27°35	18°59	5° 9	4°35	2°43	20°41	6°38	5°44	3°45	2° 7	8°29	22°42	T 29
F 30	2 30 15	5°48'49	9♌ 6	28°47	19°52	5°50	4°48	2°48	20°43	6°40	5°46	3°R45	2° 4	8°35	22°41	F 30
S 31	2 34 12	6♏48'49	23♌41	29♏56	20♏45	6♏31	5♌ 0	2♌53	20♏44	6♏42	5♏47	3♌44	2♌ 1	8♏42	22°≈41	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
T 1	2s48	3n42	1s33	6s26	0n18	6n28	4s55	5s57	0n32	19s21	0n38	22s44	0n43	15n34	0n40	11s46	1n43	20n40	11n52	1s36	1s26	16n44	7s39	6n29			
F 2	3 12	0s41	0 16	7 9	0 11	6 32	4 43	6 13	0 31	19 24	0 38	22 44	0 42	15 33	0 40	11 47	1 43	20 40	11 53	1 36	1 25	16 45	7 40	6 29			
S 3	3 35	5 7	1n 3	7 52	0 4	6 35	4 32	6 28	0 30	19 26	0 38	22 44	0 42	15 32	0 40	11 48	1 43	20 40	11 53	1 36	1 23	16 45	7 41	6 28			
S 4	3 58	9 19	2 20	8 35	0s 3	6 38	4 21	6 44	0 30	19 29	0 38	22 44	0 42	15 31	0 40	11 49	1 43	20 39	11 53	1 36	1 22	16 46	7 41	6 28			
M 5	4 21	12 58	3 27	9 17	0 10	6 39	4 10	7 0	0 29	19 31	0 37	22 44	0 42	15 30	0 40	11 49	1 43	20 39	11 53	1 36	1 21	16 47	7 42	6 28			
T 6	4 44	15 47	4 21	9 58	0 17	6 40	3 59	7 15	0 29	19 34	0 37	22 44	0 42	15 30	0 40	11 50	1 43	20 38	11 54	1 35	1 20	16 48	7 43	6 27			
W 7	5 8	17 33	4 58	10 39	0 24	6 40	3 48	7 31	0 28	19 36	0 37	22 45	0 42	15 29	0 40	11 51	1 43	20 38	11 54	1 35	1 18	16 48	7 44	6 27			
T 8	5 31	18 11	5 15	11 19	0 31	6 40	3 37	7 46	0 28	19 39	0 37	22 45	0 42	15 28	0 40	11 51	1 43	20 38	11 54	1 35	1 17	16 49	7 45	6 27			
F 9	5 53	17 39	5 13	11 59	0 38	6 39	3 27	8 2	0 27	19 41	0 37	22 45	0 41	15 27	0 40	11 52	1 43	20 37	11 55	1 34	1 16	16 50	7 46	6 26			
S 10	6 16	16 4	4 53	12 37	0 45	6 37	3 16	8 17	0 27	19 44	0 37	22 45	0 41	15 27	0 40	11 53	1 43	20 37	11 55	1 35	1 14	16 50	7 47	6 26			
S 11	6 39	13 37	4 16	13 15	0 52	6 34	3 6	8 32	0 26	19 46	0 36	22 45	0 41	15 26	0 40	11 54	1 43	20 37	11 55	1 35	1 13	16 51	7 47	6 25			
M12	7 2	10 28	3 26	13 53	0 59	6 31	2 56	8 48	0 26	19 48	0 36	22 45	0 41	15 25	0 40	11 54	1 43	20 36	11 55	1 35	1 12	16 52	7 48	6 25			
T 13	7 24	6 52	2 27	14 29	1 6	6 27	2 46	9 3	0 25	19 51	0 36	22 45	0 41	15 24	0 40	11 55	1 43	20 36	11 56	1 36	1 11	16 53	7 49	6 25			
W14	7 47	3 0	1 21	15 5	1 13	6 22	2 36	9 18	0 25	19 53	0 36	22 45	0 41	15 24	0 41	11 56	1 43	20 36	11 56	1 36	1 9	16 53	7 50	6 24			
T 15	8 9	0n57	0 12	15 40	1 20	6 17	2 26	9 33	0 24	19 56	0 36	22 45	0 41	15 23	0 41	11 56	1 43	20 35	11 56	1 36	1 8	16 54	7 51	6 24			
F 16	8 31	4 47	0s57	16 14	1 26	6 11	2 17	9 48	0 24	19 58	0 36	22 45	0 40	15 22	0 41	11 57	1 43	20 35	11 57	1 36	1 7	16 55	7 51	6 23			
S 17	8 54	8 23	2 1	16 47	1 33	6 4	2 7	10 4	0 23	20 1	0 36	22 45	0 40	15 22	0 41	11 58	1 43	20 35	11 57	1 36	1 6	16 55	7 52	6 23			
S 18	9 16	11 34	3 0	17 19	1 39	5 57	1 58	10 19	0 22	20 3	0 35	22 46	0 40	15 21	0 41	11 59	1 43	20 35	11 57	1 35	1 4	16 56	7 53	6 23			
M19	9 38	14 15	3 50	17 51	1 45	5 49	1 49	10 33	0 22	20 6	0 35	22 46	0 40	15 20	0 41	11 59	1 43	20 34	11 58	1 34	1 3	16 57	7 53	6 22			
T 20	9 59	16 18	4 29	18 21	1 52	5 40	1 40	10 48	0 21	20 8	0 35	22 46	0 40	15 20	0 41	12 0	1 43	20 34	11 58	1 32	1 2	16 58	7 54	6 22			
W21	10 21	17 38	4 56	18 51	1 58	5 31	1 31	11 3	0 21	20 11	0 35	22 46	0 40	15 19	0 41	12 1	1 43	20 34	11 58	1 31	1 1	16 58	7 55	6 21			
T 22	10 42	18 12	5 11	19 20	2 3	5 21	1 22	11 18	0 20	20 13	0 35	22 46	0 40	15 19	0 41	12 2	1 43	20 34	11 59	1 29	0 59	16 59	7 55	6 21			
F 23	11 4	17 59	5 13	19 47	2 9	5 11	1 14	11 33	0 20	20 16	0 35	22 46	0 39	15 18	0 41	12 2	1 43	20 34	11 59	1 28	0 58	17 0	7 56	6 21			
S 24	11 25	16 57	5 1	20 14	2 14	5 0	1 6	11 47	0 19	20 18	0 35	22 46	0 39	15 17	0 41	12 3	1 43	20 33	11 59	1 28	0 57	17 0	7 57	6 20			
S 25	11 46	15 8	4 35	20 39	2 19	4 48	0 57	12 2	0 19	20 20	0 35	22 46	0 39	15 17	0 41	12 4	1 43	20 33	12 0	1 27	0 56	17 1	7 57	6 20			
M26	12 6	12 34	3 56	21 4	2 24	4 36	0 49	12 16	0 18	20 23	0 34	22 46	0 39	15 16	0 41	12 5	1 43	20 33	12 0	1 28	0 54	17 2	7 58	6 19			
T 27	12 27	9 19	3 4	21 27	2 28	4 24	0 42	12 31	0 17	20 25	0 34	22 46	0 39	15 16	0 41	12 5	1 43	20 33	12 1	1 28	0 53	17 2	7 58	6 19			
W28	12 47	5 31	2 0	21 49	2 32	4 11	0 34	12 45	0 17	20 28	0 34	22 46	0 39	15 15	0 41	12 6	1 43	20 33	12 1	1 29	0 52	17 3	7 59	6 18			
T 29	13 8	1 17	0 48	22 10	2 36	3 57	0 27	12 59	0 16	20 30	0 34	22 46	0 39	15 15	0 41	12 7	1 43	20 33	12 1	1 29	0 50	17 4	7 59	6 18			
F 30	13 28	3s 9	0n29	22 29	2 40	3 43	0 19	13 13	0 16	20 32	0 34	22 46	0 39	15 14	0 41	12 7	1 43	20 33	12 2	1 29	0 49	17 4	8 0	6 18			
S 31	13s47	7s32	1n47	22s47	2s43	3n29	0s12	13s27	0n15	20s35	0n34	22s46	0n38	15n14	0n41	12s 8	1n43	20n33	12n 2	1s29	0s48	17n 5	8s 0	6n17			

ASTRODIENST EPHEMERIS for the year 1959

geocentric

NOVEMBER 1959

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 38 8	7♈48'51	8♈35	1♈4	21♈40	7♈12	5♈13	2♈58	20♈46	6♈44	5♈48	3♈41	1♈57	8♈49	22°R41	S 1
M 2	2 42 5	8°48'54	23°41	2° 9	22°35	7°53	5°26	3° 3	20°47	6°46	5°49	3♈36	1°54	8°55	22°41	M 2
T 3	2 46 2	9°49'00	8♈48	3°12	23°30	8°34	5°38	3° 8	20°48	6°49	5°50	3°31	1°51	9° 2	22°D41	T 3
W 4	2 49 58	10°49'07	23°47	4°12	24°26	9°15	5°51	3°13	20°50	6°51	5°51	3°25	1°48	9° 9	22°41	W 4
T 5	2 53 55	11°49'16	8♈30	5° 8	25°23	9°57	6° 4	3°19	20°51	6°53	5°52	3°20	1°45	9°16	22°41	T 5
F 6	2 57 51	12°49'27	22°51	6° 1	26°20	10°38	6°17	3°24	20°52	6°55	5°53	3°17	1°41	9°22	22°41	F 6
S 7	3 1 48	13°49'39	6♈47	6°50	27°18	11°19	6°30	3°29	20°53	6°58	5°54	3°15	1°38	9°29	22°41	S 7
S 8	3 5 44	14°49'52	20°19	7°34	28°16	12° 0	6°43	3°35	20°54	7° 0	5°55	3°D15	1°35	9°36	22°42	S 8
M 9	3 9 41	15°50'07	3♈19	8°14	29°15	12°42	6°56	3°40	20°55	7° 2	5°56	3°16	1°32	9°42	22°42	M 9
T 10	3 13 37	16°50'24	16°19	8°48	0♈14	13°23	7° 9	3°46	20°56	7° 4	5°57	3°18	1°29	9°49	22°43	T 10
W11	3 17 34	17°50'41	28°53	9°15	1°14	14° 5	7°22	3°51	20°57	7° 7	5°58	3°R19	1°26	9°56	22°43	W11
T 12	3 21 31	18°51'01	11°P14	9°36	2°14	14°46	7°35	3°57	20°58	7° 9	5°59	3°18	1°22	10° 3	22°44	T 12
F 13	3 25 27	19°51'22	23°25	9°49	3°15	15°28	7°48	4° 2	20°59	7°11	6° 0	3°16	1°19	10° 9	22°44	F 13
S 14	3 29 24	20°51'44	5♈29	9°R53	4°16	16° 9	8° 1	4° 8	21° 0	7°13	6° 0	3°12	1°16	10°16	22°45	S 14
S 15	3 33 20	21°52'08	17°27	9°49	5°18	16°51	8°14	4°14	21° 0	7°15	6° 1	3° 5	1°13	10°23	22°46	S 15
M16	3 37 17	22°52'34	29°22	9°35	6°19	17°32	8°27	4°20	21° 1	7°18	6° 2	2°56	1°10	10°29	22°46	M16
T 17	3 41 13	23°53'01	11♈15	9°11	7°22	18°14	8°41	4°26	21° 2	7°20	6° 3	2°46	1° 7	10°36	22°47	T 17
W18	3 45 10	24°53'30	23° 6	8°36	8°24	18°56	8°54	4°32	21° 2	7°22	6° 3	2°35	1° 3	10°43	22°48	W18
T 19	3 49 6	25°54'01	4♈59	7°51	9°27	19°38	9° 7	4°38	21° 3	7°24	6° 4	2°25	1° 0	10°50	22°49	T 19
F 20	3 53 3	26°54'33	16°55	6°56	10°31	20°20	9°20	4°44	21° 3	7°26	6° 4	2°17	0°57	10°56	22°50	F 20
S 21	3 57 0	27°55'07	28°57	5°52	11°34	21° 1	9°34	4°50	21° 4	7°28	6° 5	2°10	0°54	11° 3	22°51	S 21
S 22	4 0 56	28°55'43	11♈10	4°41	12°39	21°43	9°47	4°56	21° 4	7°31	6° 6	2° 6	0°51	11°10	22°53	S 22
M23	4 4 53	29°56'20	23°36	3°23	13°43	22°25	10° 1	5° 2	21° 4	7°33	6° 6	2° 4	0°47	11°16	22°54	M23
T 24	4 8 49	0♈57'00	6♈21	2° 2	14°48	23° 7	10°14	5° 8	21° 4	7°35	6° 7	2°D 4	0°44	11°23	22°55	T 24
W25	4 12 46	1°57'40	19°28	0°40	15°53	23°50	10°27	5°15	21° 4	7°37	6° 7	2° 5	0°41	11°30	22°56	W25
T 26	4 16 42	2°58'23	3♈3	29♈20	16°58	24°32	10°41	5°21	21° 5	7°39	6° 7	2°R 5	0°38	11°37	22°58	T 26
F 27	4 20 39	3°59'07	17° 6	28° 4	18° 3	25°14	10°54	5°27	21°R 5	7°41	6° 8	2° 4	0°35	11°43	22°59	F 27
S 28	4 24 35	4°59'53	1♈37	26°56	19° 9	25°56	11° 8	5°34	21° 5	7°43	6° 8	2° 1	0°32	11°50	23° 1	S 28
S 29	4 28 32	6° 0'40	16°34	25°56	20°15	26°38	11°21	5°40	21° 5	7°45	6° 8	1°55	0°28	11°57	23° 2	S 29
M30	4 32 29	7♈1'29	1♈47	25♈6	21♈22	27♈21	11♈35	5♈47	21♈4	7♈47	6♈9	1♈47	0♈25	12♈3	23° 4	M30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	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	
S 1	14s 7	11s33	2n59	23s 4	2s45	3n14	0s 5	13s41	0n15	20s37	0n34	22s46	0n38	15n14	0n41	12s 9
M 2	14 26	14 50	3 59	23 20	2 47	2 58	0n 2	13 55	0 14	20 40	0 34	22 46	0 38	15 13	0 41	12 10
T 3	14 45	17 7	4 42	23 33	2 49	2 42	0 8	14 9	0 14	20 42	0 33	22 46	0 38	15 13	0 41	12 10
W 4	15 4	18 12	5 6	23 46	2 50	2 26	0 15	14 23	0 13	20 44	0 33	22 46	0 38	15 12	0 41	12 11
T 5	15 23	18 1	5 9	23 57	2 50	2 10	0 21	14 36	0 12	20 47	0 33	22 46	0 38	15 12	0 41	12 12
F 6	15 41	16 42	4 53	24 6	2 50	1 52	0 27	14 50	0 12	20 49	0 33	22 46	0 38	15 12	0 41	12 13
S 7	15 59	14 24	4 19	24 13	2 48	1 35	0 33	15 3	0 11	20 51	0 33	22 46	0 38	15 11	0 41	12 13
S 8	16 17	11 22	3 32	24 19	2 46	1 17	0 39	15 16	0 11	20 54	0 33	22 46	0 38	15 11	0 42	12 14
M 9	16 35	7 50	2 35	24 22	2 43	0 59	0 45	15 29	0 10	20 56	0 33	22 46	0 37	15 11	0 42	12 15
T 10	16 52	4 0	1 31	24 23	2 39	0 40	0 50	15 42	0 10	20 58	0 33	22 46	0 37	15 10	0 42	12 15
W11	17 9	0 5	0 24	24 23	2 34	0 21	0 56	15 55	0 9	21 0	0 33	22 46	0 37	15 10	0 42	12 16
T 12	17 26	3n47	0s43	24 20	2 28	0 2	1 16	8	0 8	21 3	0 32	22 46	0 37	15 10	0 42	12 17
F 13	17 42	7 27	1 46	24 14	2 20	0s17	1 6	16 21	0 8	21 5	0 32	22 46	0 37	15 10	0 42	12 18
S 14	17 58	10 46	2 45	24 6	2 11	0 37	1 11	16 33	0 7	21 7	0 32	22 46	0 37	15 10	0 42	12 18
S 15	18 14	13 36	3 35	23 55	2 0	0 57	1 15	16 46	0 7	21 9	0 32	22 46	0 37	15 9	0 42	12 19
M16	18 30	15 52	4 15	23 40	1 48	1 17	1 20	16 58	0 6	21 11	0 32	22 46	0 37	15 9	0 42	12 20
T 17	18 45	17 26	4 44	23 23	1 35	1 38	1 24	17 10	0 5	21 14	0 32	22 46	0 37	15 9	0 42	12 20
W18	19 0	18 15	5 1	23 3	1 19	1 59	1 28	17 23	0 5	21 16	0 32	22 45	0 36	15 9	0 42	12 21
T 19	19 14	18 16	5 5	22 39	1 3	2 20	1 33	17 34	0 4	21 18	0 32	22 45	0 36	15 9	0 42	12 22
F 20	19 28	17 29	4 56	22 12	0 44	2 41	1 36	17 46	0 4	21 20	0 32	22 45	0 36	15 9	0 42	12 22
S 21	19 42	15 55	4 33	21 42	0 25	3 2	1 40	17 58	0 3	21 22	0 32	22 45	0 36	15 9	0 42	12 23
S 22	19 55	13 37	3 58	21 9	0 5	3 24	1 44	18 9	0 2	21 24	0 31	22 45	0 36	15 9	0 42	12 24
M23	20 8	10 39	3 11	20 35	0n15	3 46	1 47	18 21	0 2	21 26	0 31	22 45	0 36	15 9	0 42	12 24
T 24	20 21	7 7	2 13	19 59	0 36	4 8	1 51	18 32	0 1	21 28	0 31	22 45	0 36	15 9	0 42	12 25
W25	20 33	3 8	1 7	19 23	0 56	4 30	1 54	18 43	0 1	21 30	0 31	22 45	0 36	15 9	0 42	12 26
T 26	20 45	1s 8	0n 5	18 47	1 15	4 52	1 57	18 54	0 0	21 32	0 31	22 44	0 36	15 9	0 42	12 26
F 27	20 57	5 30	1 19	18 14	1 32	5 14	2 0	19 5	0s 1	21 34	0 31	22 44	0 36	15 9	0 42	12 27
S 28	21 8	9 41	2 31	17 43	1 48	5 37	2 2	19 16	0 1	21 36	0 31	22 44	0 35	15 9	0 42	12 28
S 29	21 19	13 23	3 34	17 16	2 2	5 59	2 5	19 26	0 2	21 38	0 31	22 44	0 35	15 9	0 42	12 28
M30	21s29	16s14	4n23	16s53	2n13	6s22	2n 7	19s36	0s 2	21s40	0n31	22s44	0n35	15n 9	0n42	12s29

Julian Day Number = 2436873.5, Delta T = 33.07 sec
 Ecliptic obliquity = 23°26'31", Nutation = - 0°00'01", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°10'45", Lahiri = 23°17'46"

ASTRODIENST EPHEMERIS for the year 1959

geocentric

DECEMBER 1959

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 36 25	8♂ 2'19	17♂ 9	24°R28	22♂28	28♂ 3	11♂48	5♂53	21°R 4	7♂49	6♂ 9	1°R37	0♂22	12♂10	23≈ 6	T 1
W 2	4 40 22	9° 3'10	2♂25	24♂ 1	23°35	28°45	12° 2	6° 0	21♂ 4	7°51	6° 9	1♂26	0°19	12°17	23° 8	W 2
T 3	4 44 18	10° 4'02	17°26	23°46	24°42	29°28	12°15	6° 6	21° 4	7°53	6° 9	1°17	0°16	12°24	23° 9	T 3
F 4	4 48 15	11° 4'55	2≈ 3	23°D42	25°50	0♂10	12°29	6°13	21° 3	7°55	6°10	1° 9	0°13	12°30	23°11	F 4
S 5	4 52 11	12° 5'49	16°12	23°48	26°57	0°53	12°42	6°20	21° 3	7°57	6°10	1° 4	0° 9	12°37	23°13	S 5
S 6	4 56 8	13° 6'43	29°51	24° 4	28° 5	1°35	12°56	6°26	21° 2	7°59	6°10	1° 1	0° 6	12°44	23°15	S 6
M 7	5 0 4	14° 7'39	13♂ 2	24°29	29°13	2°18	13° 9	6°33	21° 2	8° 1	6°10	1°D 1	0° 3	12°50	23°17	M 7
T 8	5 4 1	15° 8'35	25°49	25° 2	0♂11	3° 1	13°23	6°40	21° 1	8° 3	6°10	1°R 1	29♂59	12°57	23°19	T 8
W 9	5 7 58	16° 9'31	8♂17	25°42	1°29	3°44	13°36	6°47	21° 1	8° 5	6°R10	1° 1	29°57	13° 4	23°22	W 9
T 10	5 11 54	17°10'29	20°30	26°28	2°38	4°26	13°50	6°53	21° 0	8° 6	6°10	0°59	29°53	13°11	23°24	T 10
F 11	5 15 51	18°11'27	2♂32	27°20	3°46	5° 9	14° 4	7° 0	20°59	8° 8	6°10	0°55	29°50	13°17	23°26	F 11
S 12	5 19 47	19°12'26	14°28	28°17	4°55	5°52	14°17	7° 7	20°59	8°10	6°10	0°48	29°47	13°24	23°28	S 12
S 13	5 23 44	20°13'25	26°21	29°18	6° 4	6°35	14°31	7°14	20°58	8°12	6°10	0°38	29°44	13°31	23°31	S 13
M14	5 27 40	21°14'25	8♂12	0♂23	7°13	7°18	14°44	7°21	20°57	8°14	6°10	0°25	29°41	13°37	23°33	M14
T 15	5 31 37	22°15'26	20° 5	1°31	8°23	8° 1	14°58	7°28	20°56	8°15	6° 9	0°11	29°38	13°44	23°36	T 15
W16	5 35 33	23°16'28	1♂59	2°42	9°32	8°44	15°11	7°35	20°55	8°17	6° 9	29♂56	29°34	13°51	23°38	W16
T 17	5 39 30	24°17'31	13°57	3°56	10°42	9°27	15°25	7°42	20°54	8°19	6° 9	29°41	29°31	13°58	23°41	T 17
F 18	5 43 27	25°18'34	25°59	5°11	11°52	10°10	15°38	7°49	20°53	8°21	6° 9	29°29	29°28	14° 4	23°43	F 18
S 19	5 47 23	26°19'38	8♂ 8	6°29	13° 2	10°53	15°51	7°56	20°52	8°22	6° 8	29°18	29°25	14°11	23°46	S 19
S 20	5 51 20	27°20'42	20°25	7°48	14°12	11°36	16° 5	8° 3	20°50	8°24	6° 8	29°11	29°22	14°18	23°49	S 20
M21	5 55 16	28°21'48	2♂53	9° 9	15°22	12°20	16°18	8°10	20°49	8°25	6° 8	29° 7	29°18	14°24	23°52	M21
T 22	5 59 13	29°22'54	15°36	10°31	16°32	13° 3	16°32	8°17	20°48	8°27	6° 7	29° 6	29°15	14°31	23°54	T 22
W23	6 3 9	0♂24'01	28°38	11°54	17°43	13°46	16°45	8°24	20°47	8°29	6° 7	29° 5	29°12	14°38	23°57	W23
T 24	6 7 6	1°25'08	12♂ 3	13°19	18°53	14°30	16°58	8°31	20°45	8°30	6° 7	29° 5	29° 9	14°45	24° 0	T 24
F 25	6 11 2	2°26'17	25°53	14°44	20° 4	15°13	17°12	8°38	20°44	8°32	6° 6	29° 4	29° 6	14°51	24° 3	F 25
S 26	6 14 59	3°27'26	10♂ 9	16° 9	21°15	15°57	17°25	8°45	20°42	8°33	6° 6	29° 0	29° 3	14°58	24° 6	S 26
S 27	6 18 56	4°28'35	24°51	17°36	22°26	16°40	17°38	8°52	20°41	8°35	6° 5	28°54	28°59	15° 5	24° 9	S 27
M28	6 22 52	5°29'46	9♂54	19° 3	23°37	17°24	17°52	8°59	20°39	8°36	6° 4	28°45	28°56	15°11	24°12	M28
T 29	6 26 49	6°30'56	25° 9	20°31	24°48	18° 7	18° 5	9° 6	20°37	8°37	6° 4	28°33	28°53	15°18	24°15	T 29
W30	6 30 45	7°32'07	10♂24	21°59	26° 0	18°51	18°18	9°13	20°36	8°39	6° 3	28°22	28°50	15°25	24°19	W30
T 31	6 34 42	8♂33'18	25♂30	23♂28	27♂11	19♂35	18♂31	9♂20	20♂34	8♂40	6♂ 3	28♂10	28♂47	15♂32	24≈22	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	21s39	17s57	4n53	16s35	2n23	6s44	2n10	19s47	0s 3	21s42	0n31	22s44	0n35	15n 9	0n43	12s29
W 2	21 49	18 23	5 2	16 21	2 30	7 7	2 12	19 56	0 4	21 44	0 31	22 43	0 35	15 9	0 43	12 30
T 3	21 58	17 30	4 51	16 13	2 35	7 30	2 14	20 6	0 4	21 46	0 30	22 43	0 35	15 9	0 43	12 31
F 4	22 6	15 29	4 20	16 8	2 39	7 52	2 16	20 16	0 5	21 48	0 30	22 43	0 35	15 9	0 43	12 31
S 5	22 15	12 34	3 34	16 8	2 40	8 15	2 17	20 25	0 5	21 49	0 30	22 43	0 35	15 9	0 43	12 32
S 6	22 22	9 4	2 37	16 12	2 40	8 38	2 19	20 35	0 6	21 51	0 30	22 42	0 35	15 10	0 43	12 32
M 7	22 30	5 13	1 34	16 19	2 39	9 0	2 21	20 44	0 7	21 53	0 30	22 42	0 35	15 10	0 43	12 33
T 8	22 37	1 14	0 28	16 29	2 37	9 23	2 22	20 53	0 7	21 55	0 30	22 42	0 34	15 10	0 43	12 34
W 9	22 43	2n42	0s38	16 42	2 34	9 45	2 23	21 2	0 8	21 56	0 30	22 42	0 34	15 10	0 43	12 34
T 10	22 49	6 26	1 41	16 57	2 29	10 8	2 24	21 10	0 8	21 58	0 30	22 41	0 34	15 11	0 43	12 35
F 11	22 55	9 52	2 39	17 13	2 24	10 30	2 25	21 19	0 9	22 0	0 30	22 41	0 34	15 11	0 43	12 35
S 12	23 0	12 52	3 28	17 31	2 19	10 52	2 26	21 27	0 10	22 1	0 30	22 41	0 34	15 11	0 43	12 36
S 13	23 5	15 19	4 8	17 50	2 13	11 14	2 27	21 35	0 10	22 3	0 30	22 41	0 34	15 11	0 43	12 36
M14	23 9	17 6	4 38	18 10	2 6	11 36	2 27	21 43	0 11	22 5	0 30	22 40	0 34	15 12	0 43	12 37
T 15	23 13	18 10	4 55	18 31	2 0	11 58	2 28	21 50	0 12	22 6	0 29	22 40	0 34	15 12	0 43	12 37
W16	23 16	18 26	4 59	18 52	1 52	12 20	2 28	21 58	0 12	22 8	0 29	22 40	0 34	15 12	0 43	12 38
T 17	23 19	17 54	4 50	19 13	1 45	12 41	2 28	22 5	0 13	22 9	0 29	22 39	0 34	15 13	0 43	12 38
F 18	23 22	16 33	4 29	19 34	1 37	13 3	2 28	22 12	0 13	22 11	0 29	22 39	0 34	15 13	0 43	12 39
S 19	23 23	14 28	3 54	19 55	1 30	13 24	2 28	22 19	0 14	22 12	0 29	22 39	0 34	15 14	0 43	12 39
S 20	23 25	11 42	3 9	20 16	1 22	13 45	2 28	22 25	0 15	22 14	0 29	22 38	0 33	15 14	0 43	12 40
M21	23 26	8 22	2 14	20 36	1 14	14 5	2 28	22 32	0 15	22 15	0 29	22 38	0 33	15 14	0 43	12 40
T 22	23 26	4 35	1 11	20 56	1 6	14 26	2 27	22 38	0 16	22 17	0 29	22 38	0 33	15 15	0 43	12 41
W23	23 26	0 30	0 2	21 15	0 58	14 46	2 27	22 44	0 17	22 18	0 29	22 37	0 33	15 15	0 43	12 41
T 24	23 26	3s43	1n 8	21 34	0 50	15 6	2 26	22 49	0 17	22 19	0 29	22 37	0 33	15 16	0 43	12 42
F 25	23 25	7 53	2 16	21 52	0 43	15 25	2 26	22 55	0 18	22 21	0 29	22 37	0 33	15 16	0 43	12 42
S 26	23 24	11 43	3 19	22 9	0 35	15 45	2 25	23 0	0 18	22 22	0 29	22 36	0 33	15 17	0 44	12 43
S 27	23 22	14 57	4 10	22 25	0 27	16 4	2 24	23 5	0 19	22 23	0 29	22 36	0 33	15 17	0 44	12 43
M28	23 20	17 15	4 44	22 40	0 19	16 22	2 23	23 10	0 20	22 25	0 29	22 35	0 33	15 18	0 44	12 43
T 29	23 17	18 22	5 0	22 54	0 12	16 41	2 22	23 15	0 20	22 26	0 29	22 35	0 33	15 18	0 44	12 44
W30	23 14	18 9	4 54	23 8	0 4	16 59	2 21	23 19	0 21	22 27	0 29	22 35	0 33	15 19	0 44	12 44
T 31	23s10	16s40	4n27	23s20	0s 3	17s16	2n19	23s23	0s22	22s28	0n28	22s34	0n33	15n20	0n44	12s45

Julian Day Number = 2436903.5, Delta T = 33.11 sec
 Ecliptic obliquity = 23°26'30, Nutation = - 0°00'01, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 24°10'49, Lahiri = 23°17'50