



# Astrodienst Ephemeris Tables for the year 1930

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 1930  
geocentric

JANUARY 1930

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	6 39 41	9°35'129	20°352	28°3 5	1°3 4	1°355	7°R53	3°343	7°Y33	3°R24	18°R43	10°R21	8°356	24°359	9°R47	W 1
T 2	6 43 37	10°52'39	2°343	29°26	2°19	2°40	7°II47	3°50	7°34	3°m23	18°342	10°3 9	8°53	25° 6	9°346	T 2
F 3	6 47 34	11°53'50	14°35	0°343	3°35	3°25	7°42	3°57	7°34	3°22	18°41	9°57	8°50	25°12	9°45	F 3
S 4	6 51 30	12°55'01	26°29	1°57	4°50	4°11	7°36	4° 4	7°35	3°22	18°40	9°46	8°47	25°19	9°44	S 4
S 5	6 55 27	13°56'11	8°327	3° 7	6° 6	4°56	7°31	4°11	7°36	3°21	18°38	9°38	8°44	25°26	9°43	S 5
M 6	6 59 23	14°57'21	20°34	4°11	7°21	5°41	7°26	4°18	7°37	3°20	18°37	9°32	8°40	25°33	9°42	M 6
T 7	7 3 20	15°58'30	2°Y52	5°10	8°37	6°27	7°21	4°25	7°38	3°19	18°36	9°29	8°37	25°39	9°41	T 7
W 8	7 7 17	16°59'39	15°26	6° 2	9°52	7°12	7°16	4°32	7°39	3°18	18°35	9°D28	8°34	25°46	9°41	W 8
T 9	7 11 13	18° 0'48	28°22	6°47	11° 8	7°57	7°12	4°39	7°41	3°17	18°33	9°29	8°31	25°53	9°40	T 9
F 10	7 15 10	19° 1'56	11°343	7°24	12°23	8°43	7° 7	4°46	7°42	3°15	18°32	9°R29	8°28	25°59	9°39	F 10
S 11	7 19 6	20° 3'03	25°32	7°51	13°38	9°28	7° 3	4°53	7°43	3°14	18°31	9°28	8°25	26° 6	9°39	S 11
S 12	7 23 3	21° 4'10	9°II51	8° 8	14°54	10°14	6°59	5° 0	7°44	3°13	18°29	9°25	8°21	26°13	9°38	S 12
M13	7 26 59	22° 5'17	24°37	8°R15	16° 9	11° 0	6°55	5° 7	7°46	3°12	18°28	9°19	8°18	26°20	9°38	M13
T 14	7 30 56	23° 6'23	9°346	8°10	17°25	11°45	6°52	5°14	7°47	3°11	18°27	9°10	8°15	26°26	9°37	T 14
W15	7 34 52	24° 7'29	25° 7	7°53	18°40	12°31	6°48	5°20	7°48	3°10	18°26	8°59	8°12	26°33	9°37	W15
T 16	7 38 49	25° 8'33	10°329	7°25	19°56	13°17	6°45	5°27	7°50	3° 8	18°24	8°48	8° 9	26°40	9°37	T 16
F 17	7 42 46	26° 9'38	25°40	6°45	21°11	14° 2	6°42	5°34	7°51	3° 7	18°23	8°38	8° 5	26°46	9°37	F 17
S 18	7 46 42	27°10'42	10°m30	5°55	22°26	14°48	6°39	5°41	7°53	3° 6	18°22	8°29	8° 2	26°53	9°37	S 18
S 19	7 50 39	28°11'46	24°53	4°55	23°42	15°34	6°37	5°48	7°55	3° 5	18°21	8°23	7°59	27° 0	9°36	S 19
M20	7 54 35	29°12'49	8°346	3°48	24°57	16°20	6°34	5°54	7°56	3° 3	18°19	8°19	7°56	27° 7	9°D36	M20
T 21	7 58 32	0°313'52	22°10	2°35	26°13	17° 6	6°32	6° 1	7°58	3° 2	18°18	8°18	7°53	27°13	9°37	T 21
W22	8 2 28	1°14'55	5°m 8	1°19	27°28	17°52	6°30	6° 8	8° 0	3° 1	18°17	8°18	7°50	27°20	9°37	W22
T 23	8 6 25	2°15'57	17°43	0° 2	28°43	18°38	6°28	6°14	8° 2	2°59	18°16	8°17	7°46	27°27	9°37	T 23
F 24	8 10 21	3°16'59	0°346	2° 2	28°346	19°24	6°27	6°21	8° 3	2°58	18°14	8°16	7°43	27°34	9°37	F 24
S 25	8 14 18	4°18'00	12° 8	27°33	1°314	20°10	6°25	6°28	8° 5	2°56	18°13	8°12	7°40	27°40	9°37	S 25
S 26	8 18 15	5°19'00	24° 6	26°26	2°30	20°56	6°24	6°34	8° 7	2°55	18°12	8° 5	7°37	27°47	9°38	S 26
M27	8 22 11	6°20'00	6°3 0	25°26	3°45	21°42	6°23	6°41	8° 9	2°54	18°11	7°55	7°34	27°54	9°38	M27
T 28	8 26 8	7°21'00	17°51	24°33	5° 0	22°28	6°22	6°47	8°11	2°52	18° 9	7°43	7°31	28° 0	9°39	T 28
W29	8 30 4	8°21'58	29°43	23°49	6°16	23°14	6°22	6°53	8°13	2°51	18° 8	7°28	7°27	28° 7	9°39	W29
T 30	8 34 1	9°22'55	11°336	23°13	7°31	24° 0	6°21	7° 0	8°15	2°49	18° 7	7°13	7°24	28°14	9°40	T 30
F 31	8 37 57	10°23'52	23°31	22°347	8°347	24°347	6°D21	7°3 6	8°Y18	2°m48	18°3 6	6°358	7°321	28°321	9°341	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
W 1	23s 5	26s32	4s46	22s13	1s42	23s31	0s 5	24s 7	0s41	20m57	0s41	22s37	0n46	2n22	0s41	10n52	0n39	21n53	0s16	14n56	14n29	26s 3	13n 6	1s44			
T 2	23 0	24 26	5 0	21 49	1 35	23 33	0 7	24 7	0 41	20 56	0 41	22 37	0 46	2 22	0 41	10 52	0 39	21 53	0 16	14 52	14 28	26 2	13 6	1 44			
F 3	22 55	21 16	5 2	21 25	1 27	23 34	0 10	24 6	0 42	20 56	0 41	22 37	0 46	2 22	0 41	10 53	0 39	21 53	0 16	14 48	14 27	26 1	13 5	1 44			
S 4	22 49	17 14	4 50	20 59	1 17	23 34	0 12	24 5	0 42	20 55	0 41	22 37	0 46	2 23	0 41	10 53	0 39	21 53	0 16	14 45	14 26	26 0	13 5	1 44			
S 5	22 43	12 30	4 26	20 34	1 7	23 33	0 14	24 4	0 43	20 54	0 41	22 37	0 46	2 23	0 41	10 53	0 39	21 53	0 16	14 42	14 25	25 59	13 5	1 44			
M 6	22 37	7 15	3 49	20 8	0 56	23 31	0 17	24 3	0 43	20 54	0 40	22 37	0 46	2 24	0 41	10 54	0 39	21 54	0 16	14 40	14 24	25 58	13 5	1 44			
T 7	22 30	1 38	3 2	19 42	0 44	23 29	0 19	24 1	0 44	20 53	0 40	22 36	0 46	2 24	0 41	10 54	0 39	21 54	0 16	14 40	14 23	25 57	13 4	1 44			
W 8	22 22	4n10	2 4	19 16	0 31	23 26	0 21	24 0	0 44	20 53	0 40	22 36	0 46	2 25	0 41	10 55	0 39	21 54	0 16	14 39	14 22	25 56	13 4	1 44			
T 9	22 14	9 59	0 59	18 51	0 16	23 23	0 24	23 57	0 45	20 52	0 40	22 36	0 46	2 25	0 41	10 55	0 39	21 54	0 16	14 39	14 21	25 55	13 4	1 44			
F 10	22 6	15 33	0n12	18 27	0 1	23 18	0 26	23 55	0 45	20 52	0 39	22 36	0 46	2 26	0 41	10 55	0 39	21 55	0 16	14 39	14 20	25 54	13 4	1 44			
S 11	21 57	20 31	1 24	18 4	0n15	23 13	0 28	23 52	0 46	20 51	0 39	22 36	0 46	2 26	0 41	10 56	0 39	21 55	0 15	14 39	14 19	25 52	13 4	1 44			
S 12	21 48	24 28	2 33	17 43	0 32	23 7	0 31	23 50	0 46	20 51	0 39	22 36	0 46	2 27	0 41	10 56	0 39	21 55	0 15	14 38	14 18	25 51	13 3	1 44			
M13	21 38	26 55	3 35	17 24	0 50	23 1	0 33	23 46	0 47	20 50	0 39	22 35	0 46	2 27	0 41	10 57	0 39	21 55	0 15	14 36	14 17	25 50	13 3	1 44			
T 14	21 28	27 27	4 23	17 8	1 9	22 54	0 35	23 43	0 47	20 50	0 39	22 35	0 46	2 28	0 41	10 57	0 39	21 56	0 15	14 33	14 16	25 49	13 3	1 44			
W15	21 18	25 54	4 52	16 54	1 27	22 46	0 37	23 39	0 48	20 50	0 38	22 35	0 46	2 28	0 41	10 58	0 39	21 56	0 15	14 30	14 15	25 48	13 3	1 44			
T 16	21 7	22 26	5 1	16 43	1 46	22 37	0 39	23 35	0 48	20 49	0 38	22 35	0 46	2 29	0 41	10 58	0 39	21 56	0 15	14 26	14 14	25 47	13 3	1 44			
F 17	20 56	17 29	4 48	16 35	2 4	22 28	0 41	23 31	0 49	20 49	0 38	22 34	0 46	2 30	0 41	10 58	0 39	21 56	0 15	14 23	14 13	25 46	13 3	1 44			
S 18	20 44	11 34	4 16	16 31	2 22	22 18	0 44	23 27	0 49	20 49	0 38	22 34	0 46	2 30	0 41	10 59	0 39	21 57	0 15	14 20	14 12	25 44	13 3	1 44			
S 19	20 32	5 13	3 28	16 29	2 38	22 7	0 46	23 22	0 50	20 49	0 37	22 34	0 46	2 31	0 41	10 59	0 39	21 57	0 15	14 18	14 11	25 43	13 3	1 44			
M20	20 19	1s12	2 29	16 31	2 53	21 56	0 48	23 17	0 50	20 48	0 37	22 34	0 46	2 32	0 41	11 0	0 39	21 57	0 15	14 17	14 10	25 42	13 3	1 44			
T 21	20 7	7 20	1 24	16 35	3 6	21 44	0 50	23 12	0 51	20 48	0 37	22 33	0 45	2 32	0 41	11 0	0 39	21 57	0 15	14 17	14 9	25 41	13 3	1 44			
W22	19 53	12 58	0 17	16 41	3 16	21 31	0 51	23 6	0 51	20 48	0 37	22 33	0 45	2 33	0 41	11 1	0 39	21 58	0 15	14 17	14 8	25 40	13 3	1 44			
T 23	19 40	17 55	0s50	16 49	3 24	21 18	0 53	23 0	0 52	20 48	0 36	22 33	0 45	2 34	0 41	11 1	0 39	21 58	0 15	14 17	14 7	25 38	13 3	1 44			
F 24	19 26	22 0	1 52	16 59	3 30	21 4	0 55	22 54	0 52	20 48	0 36	22 33	0 45	2 35	0 41	11 2	0 39	21 58	0 15	14 16	14 5	25 37	13 3	1 44			
S 25	19 12	25 2	2 48	17 11	3 33	20 49	0 57	22 48	0 53	20 48	0 36	22 32	0 45	2 35	0 40	11 3	0 39	21 58	0 15	14 15	14 4	25 36	13 3	1 44			
S 26	18 57	26 55	3 36	17 23	3 34	20 34	0 59	22 42	0 53	20 48	0 36	22 32	0 45	2 36	0 40	11 3	0 39	21 58	0 14	14 13	14 3	25 35	13 4	1 44			
M27	18 42	27 33	4 15	17 35	3 32	20 18	1 0	22 35	0 53	20 48	0 36	22 32	0 45	2 37	0 40	11 4	0 39	21 59	0 14	14 9	14 2	25 34	13 4	1 44			
T 28	18 27	26 54	4 41	17 48	3 28	20 2	1 2	22 28	0 54	20 48	0 35	22 31	0 45	2 38	0 40	11 4	0 39	21 59	0 14	14 5	14 1	25 32	13 4	1 44			
W29	18 11	25 3	4 56	18 1	3 23	19 45	1 4	22 21	0 54	20 48	0 35	22 31	0 45	2 39	0 40	11 5	0 39	21 59	0 14	14 1	14 0	25 31	13 4	1 44			
T 30	17 55	22 5	4 58	18 14	3 16	19 47	1 5	22 13	0 55	20 48	0 35	22 31	0 45	2 40	0 40	11 5	0 40	21 59	0 14	13 56	13 59	25 30	13 4	1 44			
F 31	17s39	18s11	4s47	18s26	3n 8	19s 9	1s 7	22s 5	0s55	20m49	0s35	22s31	0n45	2n40	0s40	11n 6	0n40	22n 0	0s14	13n51	13n58	25s29	13n 5	1s44			

# ASTRODIENST EPHEMERIS for the year 1930

## geocentric

FEBRUARY 1930

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 41 54	11°24'47"	5°31'	22°R28	10°22'	25°33'	6°11'	7°12'	8°20'	2°R46	18°R 5	6°R45	7°18'	28°27'	9°41'	S 1
S 2	8 45 50	12°25'41"	17°36'	22°319	11°17'	26°19'	6°21'	7°19'	8°22'	2°M45	18°4 4	6°B34	7°15'	28°34'	9°42'	S 2
M 3	8 49 47	13°26'34"	29°48'	22°D17	12°33'	27° 5'	6°22'	7°25'	8°24'	2°43'	18° 2	6°26'	7°11'	28°41'	9°43'	M 3
T 4	8 53 44	14°27'25"	12°Y11	22°22'	13°48'	27°52'	6°22'	7°31'	8°26'	2°41'	18° 0	6°20'	7° 8'	28°47'	9°44'	T 4
W 5	8 57 40	15°28'15"	24°46'	22°35'	15° 3'	28°38'	6°23'	7°37'	8°29'	2°40'	18° 0	6°20'	7° 5'	28°54'	9°45'	W 5
T 6	9 1 137	16°29'04"	7°B39	22°54'	16°18'	29°25'	6°24'	7°43'	8°31'	2°38'	17°59'	6°D19	7° 2'	29° 1'	9°46'	T 6
F 7	9 5 33	17°29'51"	20°53'	23°19'	17°34'	0°11'	6°25'	7°49'	8°34'	2°37'	17°58'	6°R19	6°59'	29° 8'	9°47'	F 7
S 8	9 9 30	18°30'37"	4°II31	23°49'	18°49'	0°57'	6°27'	7°55'	8°36'	2°35'	17°57'	6°18'	6°56'	29°14'	9°48'	S 8
S 9	9 13 26	19°31'21"	18°35'	24°25'	20° 4'	1°44'	6°29'	8° 1'	8°39'	2°33'	17°56'	6°16'	6°52'	29°21'	9°49'	S 9
M10	9 17 23	20°32'04"	3°B 6	25° 5'	21°19'	2°30'	6°30'	8° 7'	8°41'	2°32'	17°55'	6°10'	6°49'	29°28'	9°51'	M10
T 11	9 21 19	21°32'45"	18° 0	25°49'	22°35'	3°17'	6°33'	8°13'	8°44'	2°30'	17°54'	6° 2'	6°46'	29°35'	9°52'	T 11
W12	9 25 16	22°33'24"	3°Q10	26°37'	23°50'	4° 3'	6°35'	8°19'	8°46'	2°29'	17°53'	5°52'	6°43'	29°41'	9°53'	W12
T 13	9 29 13	23°34'02"	18°27'	27°29'	25° 5'	4°50'	6°37'	8°24'	8°49'	2°27'	17°52'	5°41'	6°40'	29°48'	9°55'	T 13
F 14	9 33 9	24°34'38"	3°M38	28°24'	26°20'	5°37'	6°40'	8°30'	8°51'	2°25'	17°51'	5°31'	6°37'	29°55'	9°56'	F 14
S 15	9 37 6	25°35'13"	18°34'	29°22'	27°35'	6°23'	6°43'	8°36'	8°54'	2°24'	17°50'	5°22'	6°33'	0°11'	9°58'	S 15
S 16	9 41 2	26°35'47"	3°B 5	0°23'	28°51'	7°10'	6°46'	8°41'	8°57'	2°22'	17°49'	5°15'	6°30'	0° 8'	9°59'	S 16
M17	9 44 59	27°36'19"	17° 9	1°26'	0°11'	6° 5'	6°49'	8°47'	9° 0'	2°20'	17°48'	5°12'	6°27'	0°15'	10° 1'	M17
T 18	9 48 55	28°36'50"	0°M42	2°32'	1°21'	8°43'	6°52'	8°52'	9° 2'	2°19'	17°47'	5°D10	6°24'	0°22'	10° 3'	T 18
W19	9 52 52	29°37'20"	13°47'	3°39'	2°36'	9°30'	6°56'	8°57'	9° 5'	2°17'	17°46'	5°10'	6°21'	0°28'	10° 5'	W19
T 20	9 56 48	0°37'48"	26°28'	4°49'	3°51'	10°17'	7° 0'	9° 3'	9° 8'	2°15'	17°45'	5°R11	6°17'	0°35'	10° 6'	T 20
F 21	10 0 45	1°38'16"	8°A49	6° 1'	5° 6'	11° 3'	7° 4'	9° 8'	9°11'	2°14'	17°44'	5°11'	6°14'	0°42'	10° 8'	F 21
S 22	10 4 42	2°38'42"	20°55'	7°15'	6°21'	11°50'	7° 8'	9°13'	9°14'	2°12'	17°43'	5° 9'	6°11'	0°48'	10°10'	S 22
S 23	10 8 38	3°39'06"	2°B52	8°30'	7°36'	12°37'	7°12'	9°18'	9°17'	2°10'	17°42'	5° 5'	6° 8'	0°55'	10°12'	S 23
M24	10 12 35	4°39'29"	14°44'	9°47'	8°51'	13°24'	7°17'	9°23'	9°20'	2° 9'	17°42'	4°58'	6° 5'	1° 2'	10°14'	M24
T 25	10 16 31	5°39'51"	26°34'	11° 6'	10° 6'	14°10'	7°21'	9°28'	9°23'	2° 7'	17°41'	4°49'	6° 2'	1° 9'	10°16'	T 25
W26	10 20 28	6°40'11"	8°B26	12°26'	11°21'	14°57'	7°26'	9°33'	9°26'	2° 5'	17°40'	4°38'	5°58'	1°15'	10°19'	W26
T 27	10 24 24	7°40'29"	20°22'	13°47'	12°36'	15°44'	7°31'	9°38'	9°29'	2° 4'	17°39'	4°27'	5°55'	1°22'	10°21'	T 27
F 28	10 28 21	8°40'46"	2°A24	15°10'	13°51'	16°31'	7°II36	9°B43	9°Y32	2°M 2	17°B38	4°B15	5°B52	1°29'	10°B23	F 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	decl	lat	decl	lat
S 1	17s22	13s34	4s23	18s38	2n59	18s50	1 s 8	21s57	0s56	20n49	0s34	22s30	0n45	2n41	0s40	11n 6	0n40	22n 0	0s14	13n46	13n57	25s27	13n 5	1s44					
S 2	17 5	8 23	3 47	18 49	2 49	18 31	1 10	21 49	0 56	20 49	0 34	22 30	0 45	2 42	0 40	11 7	0 40	22 0	0 14	13 43	13 56	25 26	13 5	1 44					
M 3	16 48	2 50	3 0	19 0	2 38	18 11	1 11	21 40	0 56	20 49	0 34	22 30	0 45	2 43	0 40	11 8	0 40	22 0	0 14	13 40	13 55	25 25	13 5	1 44					
T 4	16 30	2n55	2 4	19 10	2 27	17 51	1 12	21 32	0 57	20 50	0 34	22 29	0 45	2 44	0 40	11 8	0 40	22 0	0 14	13 39	13 54	25 23	13 6	1 44					
W 5	16 12	8 40	1 1	19 19	2 16	17 30	1 14	21 23	0 57	20 50	0 33	22 29	0 45	2 45	0 40	11 9	0 40	22 1	0 14	13 38	13 53	25 22	13 6	1 44					
T 6	15 54	14 11	0n 7	19 27	2 5	17 9	1 15	21 13	0 58	20 51	0 33	22 29	0 45	2 46	0 40	11 9	0 40	22 1	0 14	13 38	13 52	25 21	13 6	1 44					
F 7	15 36	19 13	1 16	19 35	1 53	16 47	1 16	21 4	0 58	20 51	0 33	22 28	0 45	2 47	0 40	11 10	0 40	22 1	0 14	13 38	13 51	25 20	13 7	1 44					
S 8	15 17	23 24	2 23	19 41	1 41	16 25	1 17	20 54	0 58	20 51	0 33	22 28	0 45	2 48	0 40	11 11	0 40	22 1	0 14	13 38	13 50	25 18	13 7	1 44					
S 9	14 58	26 20	3 24	19 46	1 30	16 2	1 18	20 44	0 59	20 52	0 33	22 28	0 45	2 49	0 40	11 11	0 40	22 1	0 14	13 37	13 49	25 17	13 7	1 44					
M10	14 39	27 38	4 13	19 50	1 18	15 39	1 19	20 34	0 59	20 53	0 32	22 27	0 45	2 50	0 40	11 12	0 40	22 2	0 13	13 35	13 48	25 16	13 8	1 44					
T 11	14 20	26 58	4 47	19 53	1 7	15 15	1 20	20 24	1 0	20 53	0 32	22 27	0 45	2 51	0 40	11 12	0 40	22 2	0 13	13 32	13 47	25 14	13 8	1 44					
W12	14 0	24 20	5 1	19 55	0 56	14 51	1 21	20 13	1 0	20 54	0 32	22 27	0 45	2 52	0 40	11 13	0 40	22 2	0 13	13 29	13 46	25 13	13 9	1 44					
T 13	13 40	19 57	4 54	19 56	0 45	14 27	1 22	20 3	1 0	20 54	0 32	22 26	0 45	2 53	0 40	11 14	0 40	22 2	0 13	13 25	13 45	25 12	13 9	1 44					
F 14	13 20	14 19	4 26	19 56	0 34	14 2	1 23	19 52	1 1	20 55	0 31	22 26	0 45	2 54	0 40	11 14	0 40	22 3	0 13	13 22	13 44	25 10	13 10	1 44					
S 15	13 0	7 54	3 40	19 54	0 24	13 37	1 23	19 40	1 1	20 56	0 31	22 26	0 45	2 55	0 40	11 15	0 40	22 3	0 13	13 19	13 43	25 9	13 10	1 44					
S 16	12 39	1 14	2 41	19 51	0 14	13 12	1 24	19 29	1 1	20 56	0 31	22 25	0 45	2 56	0 40	11 15	0 40	22 3	0 13	13 17	13 42	25 7	13 11	1 44					
M17	12 19	5s17	1 34	19 47	0 4	12 46	1 24	19 17	1 2	20 57	0 31	22 25	0 45	2 57	0 40	11 16	0 40	22 3	0 13	13 16	13 41	25 6	13 11	1 44					
T 18	11 58	11 21	0 24	19 42	0s 6	12 19	1 25	19 5	1 2	20 58	0 31	22 25	0 45	2 59	0 40	11 17	0 40	22 3	0 13	13 15	13 40	25 5	13 12	1 44					
W19	11 37	16 43	0s46	19 35	0 15	11 53	1 25	18 53	1 2	20 59	0 30	22 24	0 45	3 0	0 40	11 17	0 40	22 3	0 13	13 15	13 38	25 3	13 12	1 43					
T 20	11 15	21 10	1 51	19 27	0 24	11 26	1 26	18 41	1 3	21 0	0 30	22 24	0 45	3 1	0 40	11 18	0 40	22 4	0 13	13 15	13 37	25 2	13 13	1 43					
F 21	10 54	24 34	2 49	19 18	0 33	10 59	1 26	18 29	1 3	21 0	0 30	22 24	0 45	3 2	0 40	11 18	0 40	22 4	0 13	13 15	13 36	25 0	13 14	1 43					
S 22	10 32	26 46	3 38	19 8	0 41	10 31	1 26	18 16	1 3	21 1	0 30	22 23	0 45	3 3	0 40	11 19	0 40	22 4	0 13	13 15	13 35	24 59	13 14	1 43					
S 23	10 10	27 43	4 18	18 56	0 49	10 3	1 26	18 3	1 4	21 2	0 29	22 23	0 45	3 4	0 40	11 20	0 40	22 4	0 13	13 13	13 34	24 58	13 15	1 43					
M24	9 48	27 22	4 45	18 43	0 57	9 35	1 27	17 50	1 4	21 3	0 29	22 23	0 45	3 5	0 40	11 20	0 40	22 4	0 13	13 11	13 33	24 56	13 16	1 43					
T 25	9 26	25 46	5 0	18 29	1 4	9 7	1 27	17 37	1 4	21 4	0 29	22 22	0 45	3 7	0 40	11 21	0 40	22 5	0 12	13 8	13 32	24 55	13 16	1 43					
W26	9 4	23 2	5 3	18 13	1 11	8 39	1 27	17 23	1 5	21 5	0 29	22 22	0 45	3 8	0 40	11 21	0 40	22 5	0 12	13 4	13 31	24 53	13 17	1 43					
T 27	8 42	19 19	4 52	17 56	1 18	8 10	1 27	17 10	1 5	21 6	0 29	22 22	0 45	3 9	0 40	11 22	0 40	22 5	0 12	13 0	13 30	24 52	13 18	1 43					
F 28	8s19	14s48	4s28	17s38	1s24	7s41	1s26	16s56	1s 5	21n 7	0s28	22s21	0n45	3n10	0s40	11n23	0n40	22n 5	0s12	12n57	13n29	24s50	13n18	1s43					

Julian Day Number = 2426008.5, Delta T = 24.42 sec

Ecliptic obliquity = 23°27'01", Nutation = - 0°00'09", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 23°45'50", Lahiri = 22°52'50"

ASTRODIENST EPHEMERIS for the year 1930  
geocentric

MARCH 1930

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 32 17	9♌41'01	14♌33	16♌34	15♌6	17♌18	7♏42	9♏47	9♏35	2°R 0	17°R38	4°R 5	5♌49	1♌36	10♌25	S 1
S 2	10 36 14	10°41'14	26°50	17°59	16°21	18° 5	7°47	9°52	9°38	1♏59	17°37	3♌57	5°46	1°42	10°28	S 2
M 3	10 40 11	11°41'25	9♏16	19°26	17°36	18°51	7°53	9°56	9°41	1°57	17°36	3°52	5°42	1°49	10°30	M 3
T 4	10 44 7	12°41'35	21°52	20°54	18°51	19°38	7°59	10° 1	9°44	1°55	17°36	3°49	5°39	1°56	10°32	T 4
W 5	10 48 4	13°41'42	4♌39	22°23	20° 6	20°25	8° 5	10° 5	9°47	1°54	17°35	3°D48	5°36	2° 2	10°35	W 5
T 6	10 52 0	14°41'47	17°41	23°53	21°21	21°12	8°11	10°10	9°50	1°52	17°34	3°49	5°33	2° 9	10°38	T 6
F 7	10 55 57	15°41'51	0♏58	25°24	22°36	21°59	8°18	10°14	9°54	1°50	17°34	3°50	5°30	2°16	10°40	F 7
S 8	10 59 53	16°41'52	14°34	26°57	23°51	22°46	8°24	10°18	9°57	1°49	17°33	3°R51	5°27	2°23	10°43	S 8
S 9	11 3 50	17°41'51	28°29	28°31	25° 5	23°33	8°31	10°22	10° 0	1°47	17°33	3°50	5°23	2°29	10°45	S 9
M10	11 7 46	18°41'48	12♌44	0♌5	26°20	24°20	8°38	10°26	10° 3	1°46	17°32	3°48	5°20	2°36	10°48	M10
T 11	11 11 43	19°41'42	27°17	1°41	27°35	25° 7	8°45	10°30	10° 6	1°44	17°32	3°43	5°17	2°43	10°51	T 11
W12	11 15 40	20°41'34	12♏4	3°19	28°50	25°54	8°52	10°34	10°10	1°42	17°31	3°38	5°14	2°49	10°54	W12
T 13	11 19 36	21°41'25	26°58	4°57	0♏4	26°41	8°59	10°37	10°13	1°41	17°31	3°31	5°11	2°56	10°56	T 13
F 14	11 23 33	22°41'13	11♏5	6°36	1°19	27°28	9° 6	10°41	10°16	1°39	17°30	3°25	5° 8	3° 3	10°59	F 14
S 15	11 27 29	23°40'58	26°32	8°17	2°34	28°15	9°14	10°45	10°20	1°38	17°30	3°19	5° 4	3°10	11° 2	S 15
S 16	11 31 26	24°40'42	10♌57	9°59	3°48	29° 1	9°22	10°48	10°23	1°36	17°29	3°16	5° 1	3°16	11° 5	S 16
M17	11 35 22	25°40'24	24°59	11°42	5° 3	29°48	9°30	10°52	10°26	1°35	17°29	3°14	4°58	3°23	11° 8	M17
T 18	11 39 19	26°40'05	8♏35	13°26	6°18	0♌35	9°38	10°55	10°30	1°33	17°29	3°D14	4°55	3°30	11°11	T 18
W19	11 43 15	27°39'43	21°46	15°12	7°32	1°22	9°46	10°58	10°33	1°32	17°28	3°15	4°52	3°37	11°14	W19
T 20	11 47 12	28°39'20	4♌53	16°59	8°47	2° 9	9°54	11° 1	10°36	1°30	17°28	3°16	4°48	3°43	11°17	T 20
F 21	11 51 9	29°38'55	16°59	18°47	10° 1	2°56	10° 2	11° 4	10°40	1°29	17°28	3°18	4°45	3°50	11°21	F 21
S 22	11 55 5	0♏38'28	29°10	20°36	11°16	3°43	10°11	11° 7	10°43	1°27	17°28	3°R19	4°42	3°57	11°24	S 22
S 23	11 59 2	1°38'00	11♌9	22°27	12°30	4°30	10°20	11°10	10°46	1°26	17°27	3°18	4°39	4° 3	11°27	S 23
M24	12 2 58	2°37'30	23° 3	24°19	13°45	5°17	10°28	11°13	10°50	1°25	17°27	3°16	4°36	4°10	11°30	M24
T25	12 6 55	3°36'58	4♌54	26°12	14°59	6° 4	10°37	11°16	10°53	1°23	17°27	3°13	4°33	4°17	11°34	T25
W26	12 10 51	4°36'24	16°48	28° 6	16°14	6°51	10°46	11°18	10°57	1°22	17°27	3° 9	4°29	4°24	11°37	W26
T 27	12 14 48	5°35'48	28°48	0♏2	17°28	7°38	10°56	11°21	11° 0	1°21	17°27	3° 4	4°26	4°30	11°40	T 27
F 28	12 18 44	6°35'11	10♌56	1°59	18°43	8°25	11° 5	11°23	11° 4	1°19	17°26	2°59	4°23	4°37	11°44	F 28
S 29	12 22 41	7°34'31	23°15	3°57	19°57	9°12	11°14	11°26	11° 7	1°18	17°26	2°55	4°20	4°44	11°47	S 29
S 30	12 26 38	8°33'49	5♏46	5°56	21°11	9°59	11°24	11°28	11°10	1°17	17°26	2°52	4°17	4°51	11°50	S 30
M31	12 30 34	9♏33'06	18♏29	7♏57	22♏26	10♌46	11♏33	11♌30	11♏14	1♏15	17°26	2♌50	4♌14	4♌57	11♌54	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	7s57	9s39	3s52	17s19	1s30	7s12	1s26	16s42	1s 6	21n 8	0s28	22s21	0n45	3n11	0s40	11n23	0n40	22n 5	0s12	12n53	13n28	24s49	13n19	1s43	
S 2	7 34	4 5	3 5	16 58	1 36	6 42	1 26	16 28	1 6	21 9	0 28	22 21	0 45	3 13	0 39	11 24	0 40	22 5	0 12	12 51	13 27	24 47	13 20	1 43	
M 3	7 11	1n43	2 8	16 36	1 41	6 13	1 26	16 13	1 6	21 11	0 28	22 20	0 45	3 14	0 39	11 24	0 40	22 6	0 12	12 49	13 26	24 46	13 21	1 43	
T 4	6 48	7 32	1 4	16 13	1 46	5 43	1 25	15 59	1 6	21 12	0 28	22 20	0 45	3 15	0 39	11 25	0 40	22 6	0 12	12 48	13 25	24 44	13 21	1 43	
W 5	6 25	13 9	0n 5	15 48	1 50	5 13	1 25	15 44	1 7	21 13	0 27	22 20	0 45	3 16	0 39	11 26	0 40	22 6	0 12	12 47	13 24	24 43	13 22	1 43	
T 6	6 2	18 18	1 14	15 22	1 55	4 43	1 24	15 30	1 7	21 14	0 27	22 19	0 45	3 18	0 39	11 26	0 40	22 6	0 12	12 48	13 23	24 41	13 23	1 43	
F 7	5 39	22 40	2 21	14 55	1 58	4 13	1 24	15 15	1 7	21 15	0 27	22 19	0 45	3 19	0 39	11 27	0 40	22 6	0 12	12 48	13 22	24 40	13 24	1 43	
S 8	5 15	25 54	3 22	14 27	2 2	3 43	1 23	15 0	1 7	21 16	0 27	22 19	0 45	3 20	0 39	11 27	0 40	22 6	0 12	12 48	13 21	24 38	13 24	1 43	
S 9	4 52	27 38	4 12	13 57	2 5	3 13	1 22	14 44	1 8	21 18	0 27	22 18	0 45	3 22	0 39	11 28	0 40	22 6	0 12	12 48	13 20	24 37	13 25	1 43	
M10	4 28	27 37	4 48	13 26	2 7	2 42	1 21	14 29	1 8	21 19	0 26	22 18	0 44	3 23	0 39	11 29	0 40	22 7	0 12	12 47	13 18	24 35	13 26	1 43	
T 11	4 5	25 43	5 7	12 54	2 10	2 12	1 21	14 13	1 8	21 20	0 26	22 18	0 44	3 24	0 39	11 29	0 40	22 7	0 12	12 46	13 17	24 34	13 27	1 43	
W12	3 41	22 4	5 5	12 20	2 11	1 41	1 20	13 58	1 8	21 22	0 26	22 17	0 44	3 25	0 39	11 30	0 40	22 7	0 11	12 44	13 16	24 32	13 28	1 43	
T 13	3 18	16 58	4 43	11 45	2 13	1 10	1 19	13 42	1 8	21 23	0 26	22 17	0 44	3 27	0 39	11 30	0 40	22 7	0 11	12 42	13 15	24 31	13 29	1 43	
F 14	2 54	10 52	4 2	11 10	2 14	0 40	1 18	13 26	1 9	21 24	0 26	22 17	0 44	3 28	0 39	11 31	0 40	22 7	0 11	12 40	13 14	24 29	13 30	1 43	
S 15	2 31	4 13	3 6	10 32	2 14	0 9	1 17	13 10	1 9	21 25	0 26	22 17	0 44	3 29	0 39	11 31	0 40	22 7	0 11	12 38	13 13	24 28	13 31	1 43	
S 16	2 7	2s31	1 58	9 54	2 14	0n22	1 15	12 54	1 9	21 27	0 25	22 16	0 44	3 31	0 39	11 32	0 40	22 7	0 11	12 36	13 12	24 26	13 31	1 43	
M17	1 43	8 59	0 45	9 14	2 14	0 52	1 14	12 37	1 9	21 28	0 25	22 16	0 44	3 32	0 39	11 32	0 40	22 7	0 11	12 36	13 11	24 24	13 32	1 43	
T 18	1 20	14 50	0s29	8 33	2 13	1 23	1 13	12 21	1 9	21 30	0 25	22 16	0 44	3 33	0 39	11 33	0 40	22 8	0 11	12 36	13 10	24 23	13 33	1 43	
W19	0 56	19 49	1 39	7 51	2 11	1 54	1 12	12 4	1 9	21 31	0 25	22 16	0 44	3 35	0 39	11 34	0 40	22 8	0 11	12 36	13 9	24 21	13 34	1 43	
T 20	0 32	23 43	2 42	7 8	2 10	2 24	1 10	11 48	1 10	21 32	0 25	22 15	0 44	3 36	0 39	11 34	0 40	22 8	0 11	12 37	13 8	24 20	13 35	1 43	
F 21	0 8	26 24	3 36	6 24	2 7	2 55	1 9	11 31	1 10	21 34	0 24	22 15	0 44	3 37	0 39	11 35	0 40	22 8	0 11	12 37	13 7	24 18	13 36	1 43	
S 22	0n15	27 46	4 19	5 38	2 4	3 26	1 7	11 14	1 10	21 35	0 24	22 15	0 44	3 39	0 39	11 35	0 40	22 8	0 11	12 37	13 6	24 16	13 37	1 43	
S 23	0 39	27 47	4 49	4 51	2 1	3 56	1 6	10 57	1 10	21 37	0 24	22 15	0 44	3 40	0 39	11 36	0 40	22 8	0 11	12 37	13 5	24 15	13 38	1 43	
M24	1 3	26 32	5 7	4 3	1 57	4 26	1 4	10 40	1 10	21 38	0 24	22 14	0 44	3 41	0 39	11 36	0 40	22 8	0 11	12 37	13 4	24 13	13 39	1 43	
T25	1 26	24 6	5 12	3 15	1 53	4 57	1 3	10 23	1 10	21 39	0 24	22 14	0 44	3 43	0 39	11 37	0 40	22 8	0 11	12 36	13 2	24 11	13 40	1 43	
W26	1 50	20 37	5 3	2 25	1 48	5 27	1 1	10 5	1 10	21 41	0 24	22 14	0 44	3 44	0 39	11 37	0 40	22 8	0 11	12 34	13 1	24 10	13 41	1 43	
T 27	2 13	16 18	4 42	1 34	1 43	5 57	0 59	9 48	1 10	21 42	0 23	22 14	0 44	3 45	0 39	11 38	0 40	22 8	0 10	12 32	13 0	24 8	13 42	1 43	
F 28	2 37	11 16	4 7	0 42	1 37	6 27	0 57	9 30	1 10	21 44	0 23	22 13	0 44	3 47	0 39	11 38	0 40	22 8	0 10	12 31	12 59	24 6	13 43	1 43	
S 29	3 0	5 45	3 20	0n11	1 31	6 57	0 56	9 13	1 11	21 45	0 23	22 13	0 44	3 48	0 39	11 38	0 40	22 9	0 10	12 29	12 58	24 5	13 44	1 43	
S 30	3 24	0n 6	2 23	1 5	1 24	7 26	0 54	8 55	1 11	21 47	0 23	22 13	0 44	3 49	0 39	11 39	0 40	22 9	0 10	12 28	12 57	24 3	13 45	1 44	
M31	3n47	6n 3	1s18	1n59	1s16	7n56	0s52	8s38	1s11	21n48	0s23	22s13	0n44	3n51	0s39	11n39	0n40	22n 9	0s10	12n28	12n56	24s 1	13n46	1s44	



ASTRODIENST EPHEMERIS for the year 1930  
geocentric

MAY 1930

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	14 32 47	9♌53'31	7♊50	29♌51	0♊35	4♌51	17♊19	11°R49	12♌57	0°R50	17♌37	2°R49	2♌35	8♌26	13♌51	T 1
F 2	14 36 44	10°51'45	21°50	0♊30	1°48	5°37	17°31	11°348	13° 0	0♌49	17°38	2♌48	2°32	8°32	13°55	F 2
S 3	14 40 40	11°49'58	5♌58	1° 4	3° 2	6°23	17°44	11°47	13° 4	0°49	17°39	2°47	2°29	8°39	13°59	S 3
S 4	14 44 37	12°48'08	20°11	1°32	4°15	7° 9	17°56	11°45	13° 7	0°49	17°39	2°46	2°25	8°46	14° 3	S 4
M 5	14 48 33	13°46'17	4♌26	1°56	5°28	7°55	18° 9	11°44	13°10	0°48	17°40	2°45	2°22	8°53	14° 7	M 5
T 6	14 52 30	14°44'23	18°40	2°14	6°41	8°41	18°21	11°43	13°13	0°48	17°41	2°D45	2°19	8°59	14°11	T 6
W 7	14 56 27	15°42'28	2♌51	2°26	7°55	9°27	18°34	11°41	13°16	0°48	17°42	2°46	2°16	9° 6	14°15	W 7
T 8	15 0 23	16°40'30	16°55	2°33	9° 8	10°13	18°47	11°40	13°19	0°48	17°43	2°46	2°13	9°13	14°19	T 8
F 9	15 4 20	17°38'31	0♌52	2°R36	10°21	10°59	18°59	11°38	13°22	0°48	17°44	2°48	2°10	9°19	14°23	F 9
S 10	15 8 16	18°36'29	14°39	2°33	11°34	11°45	19°12	11°37	13°25	0°48	17°44	2°49	2° 6	9°26	14°27	S 10
S 11	15 12 13	19°34'26	28°15	2°25	12°47	12°31	19°25	11°35	13°28	0°48	17°45	2°R49	2° 3	9°33	14°31	S 11
M12	15 16 9	20°32'22	11♌38	2°13	14° 0	13°17	19°38	11°33	13°31	0°D47	17°46	2°49	2° 0	9°40	14°35	M12
T 13	15 20 6	21°30'15	24°47	1°56	15°13	14° 3	19°51	11°31	13°33	0°47	17°47	2°48	1°57	9°46	14°39	T 13
W14	15 24 2	22°28'08	7♌41	1°36	16°26	14°48	20° 4	11°29	13°36	0°48	17°48	2°46	1°54	9°53	14°43	W14
T 15	15 27 59	23°25'59	20°20	1°12	17°39	15°34	20°17	11°27	13°39	0°48	17°49	2°43	1°51	10° 0	14°47	T 15
F 16	15 31 56	24°23'48	2♌45	0°44	18°52	16°20	20°30	11°25	13°42	0°48	17°50	2°40	1°47	10° 7	14°51	F 16
S 17	15 35 52	25°21'37	14°57	0°15	20° 5	17° 5	20°43	11°22	13°45	0°48	17°51	2°36	1°44	10°13	14°55	S 17
S 18	15 39 49	26°19'24	26°59	29♌43	21°17	17°51	20°56	11°20	13°47	0°48	17°52	2°33	1°41	10°20	14°59	S 18
M19	15 43 45	27°17'10	8♌54	29° 9	22°30	18°36	21°10	11°17	13°50	0°48	17°53	2°31	1°38	10°27	15° 3	M19
T 20	15 47 42	28°14'54	20°47	28°35	23°43	19°22	21°23	11°15	13°53	0°48	17°54	2°30	1°35	10°33	15° 7	T 20
W21	15 51 38	29°12'38	2♌42	28° 0	24°56	20° 7	21°36	11°12	13°56	0°49	17°56	2°D29	1°31	10°40	15°10	W21
T 22	15 55 35	0♊10'20	14°44	27°26	26° 8	20°53	21°49	11° 9	13°58	0°49	17°57	2°30	1°28	10°47	15°14	T 22
F 23	15 59 32	1° 8'02	26°57	26°52	27°21	21°38	22° 3	11° 7	14° 1	0°49	17°58	2°32	1°25	10°54	15°18	F 23
S 24	16 3 28	2° 5'42	9♌25	26°20	28°34	22°24	22°16	11° 4	14° 3	0°50	17°59	2°33	1°22	11° 0	15°22	S 24
S 25	16 7 25	3° 3'22	22°13	25°50	29°46	23° 9	22°29	11° 1	14° 6	0°50	18° 0	2°35	1°19	11° 7	15°26	S 25
M26	16 11 21	4° 1'00	5♌24	25°22	0♌59	23°54	22°43	10°58	14° 8	0°50	18° 1	2°R35	1°16	11°14	15°30	M26
T 27	16 15 18	4°58'37	18°57	24°58	2°11	24°39	22°56	10°55	14°11	0°51	18° 2	2°34	1°12	11°20	15°34	T 27
W28	16 19 14	5°56'14	2♊52	24°36	3°24	25°24	23°10	10°52	14°13	0°51	18° 4	2°31	1° 9	11°27	15°37	W28
T 29	16 23 11	6°53'49	17° 6	24°18	4°36	26° 9	23°23	10°48	14°16	0°52	18° 5	2°27	1° 6	11°34	15°41	T 29
F 30	16 27 7	7°51'23	1♌34	24° 5	5°48	26°54	23°37	10°45	14°18	0°52	18° 6	2°22	1° 3	11°41	15°45	F 30
S 31	16 31 4	8♊48'56	16♌ 9	23♌55	7♌ 1	27♌39	23♊50	10♌42	14♌20	0♌53	18♌ 7	2♌17	1♌ 0	11♌47	15♌49	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	decl	decl	decl	decl	decl	decl	decl	decl	decl	decl	decl	lat
T 1	14n47	24n37	3n 2	22n46	2n42	20n39	0n23	0n52	1s 9	22n32	0s18	22s11	0n44	4n31	0s39	11n48	0n40	22n 9	0s 8	12n27	12n23	23s 6	14n20	1s45										
F 2	15 5	27 11	3 59	22 52	2 39	20 57	0 26	1 11	1 9	22 34	0 18	22 11	0 44	4 32	0 39	11 48	0 40	22 9	0 8	12 27	12 21	23 4	14 21	1 45										
S 3	15 24	28 1	4 42	22 55	2 36	21 14	0 28	1 29	1 8	22 35	0 18	22 12	0 44	4 33	0 39	11 49	0 40	22 9	0 8	12 27	12 20	23 2	14 22	1 45										
S 4	15 41	27 1	5 9	22 56	2 31	21 30	0 31	1 48	1 8	22 36	0 18	22 12	0 44	4 35	0 39	11 49	0 40	22 9	0 8	12 26	12 19	23 0	14 23	1 45										
M 5	15 59	24 16	5 16	22 55	2 24	21 46	0 33	2 6	1 8	22 38	0 18	22 12	0 44	4 36	0 39	11 49	0 40	22 9	0 8	12 26	12 18	22 59	14 24	1 45										
T 6	16 16	20 3	5 4	22 51	2 17	22 2	0 36	2 24	1 8	22 39	0 18	22 12	0 44	4 37	0 39	11 49	0 40	22 9	0 8	12 26	12 17	22 57	14 26	1 45										
W 7	16 33	14 43	4 34	22 46	2 9	22 16	0 38	2 43	1 8	22 40	0 18	22 12	0 44	4 38	0 39	11 49	0 40	22 9	0 8	12 26	12 16	22 55	14 27	1 45										
T 8	16 50	8 39	3 47	22 38	1 59	22 30	0 41	3 1	1 7	22 41	0 17	22 12	0 44	4 39	0 39	11 49	0 40	22 9	0 8	12 26	12 15	22 53	14 28	1 45										
F 9	17 6	2 13	2 47	22 28	1 48	22 44	0 44	3 19	1 7	22 42	0 17	22 12	0 44	4 40	0 39	11 49	0 40	22 9	0 8	12 27	12 14	22 51	14 29	1 46										
S 10	17 22	4s16	1 39	22 15	1 36	22 56	0 46	3 37	1 7	22 44	0 17	22 13	0 44	4 42	0 39	11 49	0 40	22 9	0 8	12 27	12 13	22 49	14 30	1 46										
S 11	17 38	10 28	0 25	22 1	1 24	23 9	0 49	3 56	1 7	22 45	0 17	22 13	0 44	4 43	0 39	11 49	0 40	22 9	0 8	12 27	12 12	22 47	14 31	1 46										
M12	17 54	16 6	0s48	21 45	1 10	23 20	0 51	4 14	1 6	22 46	0 17	22 13	0 44	4 44	0 39	11 49	0 40	22 9	0 7	12 27	12 10	22 45	14 32	1 46										
T 13	18 9	20 53	1 58	21 27	0 55	23 31	0 53	4 32	1 6	22 47	0 17	22 13	0 44	4 45	0 39	11 49	0 40	22 9	0 7	12 27	12 9	22 43	14 33	1 46										
W14	18 24	24 34	3 0	21 8	0 39	23 41	0 56	4 50	1 6	22 48	0 17	22 13	0 44	4 46	0 39	11 49	0 40	22 9	0 7	12 26	12 8	22 41	14 34	1 46										
T 15	18 38	26 58	3 52	20 47	0 23	23 51	0 58	5 7	1 5	22 49	0 17	22 14	0 44	4 47	0 39	11 49	0 40	22 9	0 7	12 25	12 7	22 39	14 35	1 46										
F 16	18 53	27 58	4 32	20 25	0 6	23 59	1 1	5 25	1 5	22 50	0 16	22 14	0 44	4 48	0 39	11 49	0 40	22 9	0 7	12 24	12 6	22 37	14 36	1 46										
S 17	19 7	27 34	4 59	20 2	0s11	24 7	1 3	5 43	1 5	22 51	0 16	22 14	0 44	4 49	0 39	11 49	0 40	22 8	0 7	12 23	12 5	22 35	14 37	1 46										
S 18	19 20	25 52	5 12	19 38	0 28	24 15	1 5	6 1	1 5	22 52	0 16	22 14	0 44	4 50	0 39	11 49	0 40	22 8	0 7	12 22	12 4	22 33	14 38	1 46										
M19	19 34	23 3	5 12	19 14	0 46	24 22	1 7	6 18	1 4	22 53	0 16	22 14	0 44	4 51	0 39	11 49	0 40	22 8	0 7	12 21	12 3	22 31	14 40	1 46										
T 20	19 47	19 16	4 58	18 49	1 3	24 28	1 10	6 36	1 4	22 54	0 16	22 15	0 44	4 52	0 39	11 49	0 40	22 8	0 7	12 21	12 2	22 29	14 41	1 47										
W21	19 59	14 44	4 31	18 25	1 21	24 33	1 12	6 53	1 4	22 55	0 16	22 15	0 44	4 53	0 39	11 48	0 40	22 8	0 7	12 21	12 1	22 27	14 42	1 47										
T 22	20 12	9 35	3 53	18 1	1 38	24 38	1 14	7 11	1 3	22 56	0 16	22 15	0 44	4 54	0 40	11 48	0 40	22 8	0 7	12 21	11 59	22 25	14 43	1 47										
F 23	20 24	4 1	3 3	17 37	1 54	24 42	1 16	7 28	1 3	22 57	0 16	22 15	0 44	4 55	0 40	11 48	0 39	22 8	0 7	12 21	11 58	22 23	14 44	1 47										
S 24	20 35	1n51	2 3	17 14	2 10	24 45	1 18	7 45	1 2	22 58	0 16	22 16	0 44	4 56	0 40	11 48	0 39	22 8	0 7	12 22	11 57	22 21	14 45	1 47										
S 25	20 47	7 47	0 56	16 53	2 25	24 47	1 20	8 2	1 2	22 59	0 15	22 16	0 44	4 57	0 40	11 48	0 39	22 8	0 7	12 22	11 56	22 19	14 46	1 47										
M26	20 58	13 34	0n15	16 33	2 39	24 49	1 22	8 19	1 2	23 0	0 15	22 16	0 44	4 58	0 40	11 48	0 39	22 8	0 7	12 23	11 55	22 17	14 47	1 47										
T 27	21 8	18 52	1 28	16 14	2 52	24 50	1 24	8 36	1 1	23 1	0 15	22 17	0 44	4 59	0 40	11 48	0 39	22 8	0 6	12 22	11 54	22 15	14 48	1 47										
W28	21 18	23 19	2 38	15 57	3 4	24 50	1 26	8 53	1 1	23 1	0 15	22 17	0 44	5 0	0 40	11 47	0 39	22 8	0 6	12 21	11 53	22 13	14 49	1 47										
T 29	21 28	26 27	3 39	15 43	3 15	24 50	1 28	9 10	1 0	23 2	0 15	22 17	0 44	5 1	0 40	11 47	0 39	22 7	0 6	12 20	11 52	22 11	14 50	1 48										
F 30	21 38	27 53	4 27	15 30	3 24	24 49	1 29	9 26	1 0	23 3	0 15	22 17	0 44	5 2	0 40	11 47	0 39	22 7	0 6	12 18	11 51	22 9	14 51	1 48										
S 31	21n47	27n24	4n58	15n19	3s33	24n47	1n31	9n43	1s 0	23n 4	0s15	22s18	0n44	5n 3	0s40	11n47	0n39	22n 7	0s 6	12n16	11n50	22s 7	14n52	1s48										



# ASTRODIENST EPHEMERIS for the year 1930

## geocentric

JUNE 1930

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 35 1	9II46'28	0Ω46	23°R49	8Ω13	28Υ24	24II 4	10°R38	14Υ23	0m♂54	18Ω 9	2°R12	0Ω57	11Ω54	15Ω52	S 1
M 2	16 38 57	10°43'58	15°17	23°D48	9°25	29° 9	24°18	10°335	14°25	0°54	18°10	2Ω 8	0°53	12° 1	15°56	M 2
T 3	16 42 54	11°41'27	29°38	23Ω51	10°37	29°54	24°31	10°31	14°27	0°55	18°11	2° 6	0°50	12° 8	16° 0	T 3
W 4	16 46 50	12°38'55	13m♂46	23°59	11°50	0Ω39	24°45	10°28	14°29	0°56	18°13	2°D 6	0°47	12°14	16° 4	W 4
T 5	16 50 47	13°36'21	27°40	24°11	13° 2	1°23	24°58	10°24	14°31	0°56	18°14	2° 6	0°44	12°21	16° 7	T 5
F 6	16 54 43	14°33'46	11Ω20	24°28	14°14	2° 8	25°12	10°20	14°33	0°57	18°15	2° 8	0°41	12°28	16°11	F 6
S 7	16 58 40	15°31'10	24°45	24°49	15°26	2°53	25°26	10°16	14°35	0°58	18°17	2° 9	0°37	12°34	16°14	S 7
S 8	17 2 36	16°28'33	7m♂57	25°14	16°38	3°37	25°40	10°13	14°37	0°59	18°18	2°R 9	0°34	12°41	16°18	S 8
M 9	17 6 33	17°25'55	20°57	25°44	17°50	4°22	25°53	10° 9	14°39	1° 0	18°19	2° 7	0°31	12°48	16°22	M 9
T 10	17 10 30	18°23'16	3Ω45	26°18	19° 2	5° 6	26° 7	10° 5	14°41	1° 1	18°21	2° 3	0°28	12°55	16°25	T 10
W11	17 14 26	19°20'36	16°22	26°56	20°13	5°50	26°21	10° 1	14°43	1° 2	18°22	1°58	0°25	13° 1	16°29	W11
T 12	17 18 23	20°17'56	28°48	27°38	21°25	6°35	26°34	9°57	14°45	1° 3	18°24	1°50	0°22	13° 8	16°32	T 12
F 13	17 22 19	21°15'15	11Ω 4	28°25	22°37	7°19	26°48	9°53	14°47	1° 4	18°25	1°41	0°18	13°15	16°36	F 13
S 14	17 26 16	22°12'33	23°10	29°15	23°49	8° 3	27° 2	9°49	14°49	1° 5	18°26	1°32	0°15	13°21	16°39	S 14
S 15	17 30 12	23° 9'51	5Ω 9	0II 9	25° 0	8°47	27°16	9°45	14°50	1° 6	18°28	1°23	0°12	13°28	16°42	S 15
M16	17 34 9	24° 7'08	17° 3	1° 7	26°12	9°31	27°29	9°40	14°52	1° 7	18°29	1°16	0° 9	13°35	16°46	M16
T 17	17 38 5	25° 4'25	28°55	2° 8	27°23	10°15	27°43	9°36	14°54	1° 8	18°31	1°10	0° 6	13°42	16°49	T 17
W18	17 42 2	26° 1'41	10Ω48	3°13	28°35	10°59	27°57	9°32	14°55	1° 9	18°32	1° 7	0° 3	13°48	16°52	W18
T 19	17 45 59	26°58'57	22°48	4°22	29°46	11°43	28°11	9°28	14°57	1°10	18°34	1°D 6	29Υ59	13°55	16°56	T 19
F 20	17 49 55	27°56'13	4Υ59	5°34	0Ω58	12°27	28°24	9°24	14°59	1°11	18°35	1° 6	29°56	14° 2	16°59	F 20
S 21	17 53 52	28°53'29	17°26	6°50	2° 9	13°10	28°38	9°19	15° 0	1°12	18°37	1° 7	29°53	14° 8	17° 2	S 21
S 22	17 57 48	29°50'45	0Ω13	8° 9	3°20	13°54	28°52	9°15	15° 1	1°14	18°38	1°R 7	29°50	14°15	17° 5	S 22
M23	18 1 45	0Ω48'00	13°26	9°31	4°31	14°38	29° 6	9°11	15° 3	1°15	18°40	1° 7	29°47	14°22	17° 9	M23
T 24	18 5 41	1°45'16	27° 6	10°57	5°43	15°21	29°19	9° 6	15° 4	1°16	18°41	1° 4	29°43	14°29	17°12	T 24
W25	18 9 38	2°42'31	11II12	12°27	6°54	16° 5	29°33	9° 2	15° 5	1°18	18°43	0°59	29°40	14°35	17°15	W25
T 26	18 13 34	3°39'46	25°44	13°59	8° 5	16°48	29°47	8°57	15° 7	1°19	18°44	0°52	29°37	14°42	17°18	T 26
F 27	18 17 31	4°37'01	10Ω33	15°35	9°16	17°32	0Ω 1	8°53	15° 8	1°20	18°46	0°43	29°34	14°49	17°21	F 27
S 28	18 21 28	5°34'16	25°33	17°14	10°27	18°15	0°14	8°49	15° 9	1°22	18°47	0°33	29°31	14°56	17°24	S 28
S 29	18 25 24	6°31'30	10Ω34	18°56	11°37	18°58	0°28	8°44	15°10	1°23	18°49	0°24	29°28	15° 2	17°27	S 29
M30	18 29 21	7Ω28'44	25Ω25	20II41	12Ω48	19Ω41	0Ω42	8Ω40	15Υ11	1m♂25	18Ω50	0Ω17	29Υ24	15Ω 9	17Ω30	M30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21n56	25n 2	5n10	15n11	3s40	24n44	1n33	9n59	0s59	23n 4	0s15	22s18	0n44	5n 4	0s40	11n47	0n39	22n 7	0s 6	12n15	11n48	22s 5	14n53	1s48			
M 2	22 4	21 4	5 2	15 4	3 46	24 41	1 34	10 16	0 59	23 5	0 15	22 18	0 43	5 4	0 40	11 46	0 39	22 7	0 6	12 13	11 47	22 2	14 54	1 48			
T 3	22 12	15 54	4 35	15 0	3 51	24 37	1 36	10 32	0 58	23 6	0 14	22 19	0 43	5 5	0 40	11 46	0 39	22 7	0 6	12 13	11 46	22 0	14 54	1 48			
W 4	22 19	9 57	3 52	14 58	3 55	24 32	1 37	10 48	0 58	23 6	0 14	22 19	0 43	5 6	0 40	11 46	0 39	22 7	0 6	12 12	11 45	21 58	14 55	1 48			
T 5	22 27	3 37	2 56	14 59	3 58	24 27	1 39	11 4	0 57	23 7	0 14	22 19	0 43	5 7	0 40	11 45	0 39	22 7	0 6	12 13	11 44	21 56	14 56	1 48			
F 6	22 33	2s47	1 50	15 1	4 0	24 21	1 40	11 20	0 57	23 8	0 14	22 20	0 43	5 8	0 40	11 45	0 39	22 7	0 6	12 13	11 43	21 54	14 57	1 49			
S 7	22 40	8 58	0 40	15 6	4 0	24 14	1 41	11 35	0 57	23 8	0 14	22 20	0 43	5 8	0 40	11 45	0 39	22 6	0 6	12 13	11 42	21 52	14 58	1 49			
S 8	22 46	14 40	0s31	15 12	4 0	24 7	1 43	11 51	0 56	23 9	0 14	22 20	0 43	5 9	0 40	11 45	0 39	22 6	0 6	12 13	11 41	21 50	14 59	1 49			
M 9	22 51	19 36	1 40	15 20	3 58	23 59	1 44	12 6	0 56	23 9	0 14	22 21	0 43	5 10	0 40	11 44	0 39	22 6	0 6	12 13	11 40	21 48	15 0	1 49			
T 10	22 57	23 34	2 42	15 30	3 56	23 50	1 45	12 22	0 55	23 10	0 14	22 21	0 43	5 11	0 40	11 44	0 39	22 6	0 6	12 12	11 38	21 46	15 1	1 49			
W11	23 1	26 19	3 35	15 42	3 53	23 40	1 46	12 37	0 55	23 10	0 14	22 21	0 43	5 11	0 40	11 44	0 39	22 6	0 6	12 10	11 37	21 43	15 2	1 49			
T 12	23 6	27 44	4 17	15 55	3 49	23 30	1 47	12 52	0 54	23 11	0 14	22 22	0 43	5 12	0 40	11 43	0 39	22 6	0 5	12 7	11 36	21 41	15 2	1 49			
F 13	23 10	27 45	4 47	16 10	3 44	23 19	1 48	13 7	0 54	23 11	0 13	22 22	0 43	5 13	0 40	11 43	0 39	22 6	0 5	12 4	11 35	21 39	15 3	1 49			
S 14	23 13	26 26	5 3	16 26	3 39	23 8	1 48	13 22	0 53	23 12	0 13	22 22	0 43	5 13	0 40	11 43	0 39	22 6	0 5	12 1	11 34	21 37	15 4	1 50			
S 15	23 16	23 55	5 5	16 44	3 32	22 56	1 49	13 36	0 52	23 12	0 13	22 23	0 43	5 14	0 40	11 42	0 39	22 5	0 5	11 58	11 33	21 35	15 5	1 50			
M16	23 19	20 24	4 55	17 2	3 25	22 43	1 50	13 51	0 52	23 12	0 13	22 23	0 43	5 15	0 40	11 42	0 39	22 5	0 5	11 55	11 32	21 33	15 6	1 50			
T 17	23 22	16 5	4 31	17 22	3 18	22 30	1 50	14 5	0 51	23 13	0 13	22 24	0 43	5 15	0 40	11 41	0 39	22 5	0 5	11 53	11 31	21 30	15 7	1 50			
W18	23 23	11 9	3 56	17 43	3 10	22 16	1 51	14 19	0 51	23 13	0 13	22 24	0 43	5 16	0 40	11 41	0 39	22 5	0 5	11 52	11 30	21 28	15 7	1 50			
T 19	23 25	5 46	3 10	18 4	3 1	22 1	1 51	14 33	0 50	23 13	0 13	22 24	0 43	5 17	0 40	11 41	0 39	22 5	0 5	11 52	11 28	21 26	15 8	1 50			
F 20	23 26	0 5	2 15	18 26	2 52	21 46	1 51	14 47	0 50	23 14	0 13	22 25	0 42	5 17	0 40	11 40	0 39	22 5	0 5	11 52	11 27	21 24	15 9	1 50			
S 21	23 27	5n44	1 13	18 48	2 42	21 30	1 52	15 1	0 49	23 14	0 13	22 25	0 42	5 18	0 40	11 40	0 39	22 5	0 5	11 52	11 26	21 22	15 10	1 51			
S 22	23 27	11 29	0 5	19 11	2 32	21 14	1 52	15 15	0 49	23 14	0 13	22 25	0 42	5 18	0 40	11 39	0 39	22 4	0 5	11 52	11 25	21 20	15 10	1 51			
M23	23 27	16 55	1n 5	19 34	2 21	20 57	1 52	15 28	0 48	23 14	0 12	22 26	0 42	5 19	0 40	11 39	0 39	22 4	0 5	11 52	11 24	21 17	15 11	1 51			
T 24	23 26	21 41	2 14	19 57	2 10	20 39	1 52	15 42	0 47	23 15	0 12	22 26	0 42	5 19	0 40	11 38	0 39	22 4	0 5	11 51	11 23	21 15	15 12	1 51			
W25	23 25	25 23	3 17	20 20	1 59	20 21	1 52	15 55	0 47	23 15	0 12	22 27	0 42	5 20	0 40	11 38	0 39	22 4	0 5	11 49	11 22	21 13	15 13	1 51			
T 26	23 24	27 31	4 8	20 43	1 47	20 3	1 51	16 8	0 46	23 15	0 12	22 27	0 42	5 20	0 40	11 37	0 39	22 4	0 5	11 47	11 21	21 11	15 13	1 51			
F 27	23 22	27 45	4 45	21 5	1 36	19 44	1 51	16 20	0 46	23 15	0 12	22 27	0 42	5 21	0 40	11 37	0 39	22 4	0 5	11 44	11 19	21 8	15 14	1 52			
S 28	23 20	25 59	5 2	21 27	1 24	19 24	1 51	16 33	0 45	23 15	0 12	22 28	0 42	5 21	0 40	11 36	0 39	22 4	0 4	11 40	11 18	21 6	15 15	1 52			
S 29	23 17	22 22	4 58	21 48	1 12	19 4	1 50	16 46	0 44	23 15	0 12	22 28	0 42	5 21	0 40	11 36	0 39	22 3	0 4	11 37	11 17	21 4	15 15	1 52			
M30	23n14	17n21	4n34	22n 8	1s 0	18n44	1n50	16n58	0s44	23n15	0s12	22s28	0n42	5n22	0s40	11n35	0n39	22n 3	0s 4	11n35	11n16	21s 2	15n16	1s52			

ASTRODIENST EPHEMERIS for the year 1930  
geocentric

JULY 1930

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	18 33 17	8°25'57	10♍ 1	22♊29	13♈59	20♌24	0°56	8°R35	15°Y12	1♍26	18°52	0°R12	29°Y21	15°≈16	17°R32	T 1
W 2	18 37 14	9°23'10	24°17	24°20	15°10	21° 7	1° 9	8°Z31	15°13	1°28	18°53	0°R 9	29°18	15°22	17°35	W 2
T 3	18 41 10	10°20'23	8♌11	26°14	16°20	21°50	1°23	8°26	15°14	1°29	18°55	0°D 8	29°15	15°29	17°38	T 3
F 4	18 45 7	11°17'35	21°44	28°10	17°31	22°33	1°37	8°22	15°15	1°31	18°57	0° 8	29°12	15°36	17°41	F 4
S 5	18 49 4	12°14'47	4♍58	0°5 9	18°41	23°16	1°50	8°18	15°16	1°32	18°58	0°R 8	29° 9	15°43	17°43	S 5
S 6	18 53 0	13°11'59	17°54	2°10	19°52	23°58	2° 4	8°13	15°17	1°34	19° 0	0° 7	29° 5	15°49	17°46	S 6
M 7	18 56 57	14° 9'11	0♌37	4°13	21° 2	24°41	2°17	8° 9	15°17	1°35	19° 1	0° 4	29° 2	15°56	17°49	M 7
T 8	19 0 53	15° 6'22	13° 8	6°18	22°12	25°24	2°31	8° 4	15°18	1°37	19° 3	29°Y58	28°59	16° 3	17°51	T 8
W 9	19 4 50	16° 3'34	25°30	8°24	23°22	26° 6	2°45	8° 0	15°19	1°39	19° 4	29°49	28°56	16° 9	17°54	W 9
T 10	19 8 46	17° 0'45	7°Z43	10°32	24°32	26°49	2°58	7°56	15°19	1°40	19° 6	29°38	28°53	16°16	17°56	T 10
F 11	19 12 43	17°57'57	19°48	12°40	25°42	27°31	3°12	7°51	15°20	1°42	19° 8	29°25	28°49	16°23	17°59	F 11
S 12	19 16 39	18°55'09	1°≈48	14°49	26°52	28°13	3°25	7°47	15°20	1°44	19° 9	29°12	28°46	16°30	18° 1	S 12
S 13	19 20 36	19°52'21	13°43	16°59	28° 2	28°55	3°39	7°43	15°21	1°46	19°11	28°59	28°43	16°36	18° 3	S 13
M14	19 24 33	20°49'34	25°35	19° 8	29°12	29°37	3°52	7°38	15°21	1°47	19°12	28°48	28°40	16°43	18° 6	M14
T 15	19 28 29	21°46'47	7°H26	21°17	0♍22	0♊19	4° 5	7°34	15°22	1°49	19°14	28°39	28°37	16°50	18° 8	T 15
W16	19 32 26	22°44'00	19°19	23°25	1°31	1° 1	4°19	7°30	15°22	1°51	19°15	28°32	28°34	16°56	18°10	W16
T 17	19 36 22	23°41'14	1°Y17	25°33	2°41	1°43	4°32	7°26	15°22	1°53	19°17	28°29	28°30	17° 3	18°12	T 17
F 18	19 40 19	24°38'29	13°26	27°40	3°50	2°25	4°45	7°22	15°22	1°54	19°19	28°27	28°27	17°10	18°14	F 18
S 19	19 44 15	25°35'44	25°51	29°46	4°59	3° 7	4°59	7°18	15°22	1°56	19°20	28°27	28°24	17°17	18°17	S 19
S 20	19 48 12	26°33'00	8°Z35	1♈50	6° 9	3°48	5°12	7°14	15°23	1°58	19°22	28°27	28°21	17°23	18°19	S 20
M21	19 52 8	27°30'17	21°44	3°53	7°18	4°30	5°25	7°10	15°23	2° 0	19°23	28°26	28°18	17°30	18°21	M21
T 22	19 56 5	28°27'35	5♊22	5°55	8°27	5°11	5°38	7° 6	15°R23	2° 2	19°25	28°23	28°15	17°37	18°22	T 22
W23	20 0 2	29°24'54	19°29	7°55	9°36	5°53	5°51	7° 2	15°23	2° 4	19°26	28°17	28°11	17°43	18°24	W23
T 24	20 3 58	0♈22'13	4°5 4	9°54	10°45	6°34	6° 5	6°58	15°22	2° 6	19°28	28° 9	28° 8	17°50	18°26	T 24
F 25	20 7 55	1°19'33	19° 3	11°51	11°53	7°15	6°18	6°54	15°22	2° 8	19°30	27°59	28° 5	17°57	18°28	F 25
S 26	20 11 51	2°16'54	4♈15	13°46	13° 2	7°57	6°31	6°50	15°22	2°10	19°31	27°48	28° 2	18° 4	18°30	S 26
S 27	20 15 48	3°14'16	19°31	15°40	14°11	8°38	6°44	6°46	15°22	2°12	19°33	27°38	27°59	18°10	18°31	S 27
M28	20 19 44	4°11'38	4♍40	17°32	15°19	9°19	6°57	6°43	15°22	2°14	19°34	27°29	27°55	18°17	18°33	M28
T 29	20 23 41	5° 9'01	19°32	19°22	16°27	10° 0	7° 9	6°39	15°21	2°16	19°36	27°22	27°52	18°24	18°34	T 29
W30	20 27 37	6° 6'24	4♌ 0	21°11	17°36	10°40	7°22	6°35	15°21	2°18	19°37	27°19	27°49	18°30	18°36	W30
T 31	20 31 34	7°R 3'48	18♌ 2	22♈58	18♍44	11♊21	7°35	6°Z32	15°Y20	2♍20	19°39	27°Y17	27°Y46	18°≈37	18°R37	T 31

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	
T 1	23n11	11n25 3n53	22n27 0s47	18n23 1n49	17n10 0s43	23n15 0s12	22s29 0n42	5n22 0s40	11n35 0n39	22n 3 0s 4	11n33 11n15	20s59 15n17	1s52		
W 2	23 7 5 0	2 58 22 44	0 35 18 1	1 48 17 22	0 42 23 15	0 12 22 29	0 42 5 22	0 41 11 34	0 39 22 3	0 4 11 32	11 14 20 57	15 17 1 52			
T 3	23 3 1s30	1 54 23 0	0 23 17 39	1 47 17 34	0 42 23 15	0 12 22 30	0 41 5 23	0 41 11 34	0 39 22 3	0 4 11 32	11 13 20 55	15 18 1 53			
F 4	22 58 7 47	0 44 23 15	0 12 17 17	1 46 17 45	0 41 23 15	0 11 22 30	0 41 5 23	0 41 11 33	0 39 22 3	0 4 11 32	11 12 20 53	15 19 1 53			
S 5	22 53 13 35	0s26 23 27	0 0 16 54	1 45 17 57	0 40 23 15	0 11 22 30	0 41 5 23	0 41 11 33	0 39 22 2	0 4 11 32	11 10 20 50	15 19 1 53			
S 6	22 48 18 40	1 33 23 37	0n11 16 31	1 44 18 8	0 40 23 15	0 11 22 31	0 41 5 24	0 41 11 32	0 39 22 2	0 4 11 31	11 9 20 48	15 20 1 53			
M 7	22 42 22 48	2 34 23 45	0 22 16 7	1 43 18 19	0 39 23 15	0 11 22 31	0 41 5 24	0 41 11 31	0 39 22 2	0 4 11 30	11 8 20 46	15 20 1 53			
T 8	22 36 25 48	3 27 23 50	0 32 15 43	1 42 18 30	0 38 23 14	0 11 22 31	0 41 5 24	0 41 11 31	0 39 22 2	0 4 11 28	11 7 20 43	15 21 1 53			
W 9	22 29 27 31	4 9 23 53	0 42 15 19	1 40 18 41	0 38 23 14	0 11 22 32	0 41 5 24	0 41 11 30	0 39 22 2	0 4 11 25	11 6 20 41	15 21 1 54			
T 10	22 22 27 52	4 39 23 53	0 52 14 54	1 39 18 51	0 37 23 14	0 11 22 32	0 41 5 25	0 41 11 30	0 39 22 2	0 4 11 21	11 5 20 39	15 22 1 54			
F 11	22 15 26 52	4 56 23 51	1 0 14 29	1 37 19 2	0 36 23 14	0 11 22 32	0 41 5 25	0 41 11 29	0 39 22 1	0 4 11 16	11 4 20 37	15 22 1 54			
S 12	22 7 24 38	5 0 23 46	1 8 14 4	1 36 19 12	0 36 23 14	0 11 22 33	0 41 5 25	0 41 11 28	0 39 22 1	0 4 11 12	11 3 20 34	15 23 1 54			
S 13	21 59 21 21	4 50 23 37	1 16 13 38	1 34 19 22	0 35 23 13	0 11 22 33	0 41 5 25	0 41 11 28	0 39 22 1	0 4 11 7	11 1 20 32	15 23 1 54			
M14	21 50 17 12	4 28 23 27	1 22 13 12	1 32 19 31	0 34 23 13	0 11 22 33	0 40 5 25	0 41 11 27	0 39 22 1	0 4 11 3	11 0 20 30	15 24 1 54			
T 15	21 41 12 25	3 55 23 13	1 28 12 45	1 30 19 41	0 33 23 13	0 10 22 34	0 40 5 25	0 41 11 26	0 39 22 1	0 3 11 0	10 59 20 27	15 24 1 55			
W16	21 32 7 10	3 11 22 57	1 33 12 19	1 28 19 50	0 33 23 12	0 10 22 34	0 40 5 25	0 41 11 26	0 39 22 1	0 3 10 58	10 58 20 25	15 25 1 55			
T 17	21 22 1 36	2 18 22 38	1 38 11 52	1 26 20 0	0 32 23 12	0 10 22 34	0 40 5 25	0 41 11 25	0 39 22 0	0 3 10 56	10 57 20 23	15 25 1 55			
F 18	21 12 4n 6	1 18 22 17	1 41 11 24	1 24 20 9	0 31 23 12	0 10 22 35	0 40 5 25	0 41 11 24	0 39 22 0	0 3 10 56	10 56 20 20	15 25 1 55			
S 19	21 2 9 47	0 14 21 54	1 44 10 57	1 21 20 18	0 30 23 11	0 10 22 35	0 40 5 26	0 41 11 24	0 39 22 0	0 3 10 56	10 55 20 18	15 26 1 55			
S 20	20 51 15 13	0n53 21 29	1 46 10 29	1 19 20 26	0 30 23 11	0 10 22 35	0 40 5 26	0 41 11 23	0 39 22 0	0 3 10 56	10 54 20 16	15 26 1 56			
M21	20 40 20 8	2 0 21 2	1 47 10 1	1 16 20 35	0 29 23 10	0 10 22 36	0 40 5 26	0 41 11 22	0 39 22 0	0 3 10 55	10 52 20 13	15 27 1 56			
T 22	20 29 24 11	3 2 20 33	1 48 9 33	1 14 20 43	0 28 23 10	0 10 22 36	0 40 5 25	0 41 11 22	0 39 22 0	0 3 10 54	10 51 20 11	15 27 1 56			
W23	20 17 26 56	3 55 20 2	1 48 9 4	1 11 20 51	0 27 23 9	0 10 22 36	0 39 5 25	0 41 11 21	0 39 22 0	0 3 10 52	10 50 20 8	15 27 1 56			
T 24	20 5 27 58	4 34 19 30	1 47 8 36	1 8 20 59	0 27 23 9	0 10 22 37	0 39 5 25	0 41 11 20	0 39 21 59	0 3 10 49	10 49 20 6	15 28 1 56			
F 25	19 52 26 59	4 57 18 56	1 46 8 7	1 5 21 7	0 26 23 8	0 10 22 37	0 39 5 25	0 41 11 20	0 39 21 59	0 3 10 46	10 48 20 4	15 28 1 56			
S 26	19 40 24 2	4 58 18 22	1 44 7 38	1 3 21 14	0 25 23 8	0 10 22 37	0 39 5 25	0 41 11 19	0 39 21 59	0 3 10 42	10 47 20 1	15 28 1 57			
S 27	19 27 19 23	4 39 17 46	1 42 7 9	0 59 21 21	0 24 23 7	0 9 22 38	0 39 5 25	0 41 11 18	0 39 21 59	0 3 10 38	10 46 19 59	15 28 1 57			
M28	19 13 13 31	4 0 17 9	1 38 6 39	0 56 21 28	0 23 23 7	0 9 22 38	0 39 5 25	0 41 11 18	0 39 21 59	0 3 10 35	10 44 19 56	15 29 1 57			
T 29	18 59 6 59	3 5 16 31	1 35 6 10	0 53 21 35	0 23 23 6	0 9 22 38	0 39 5 25	0 41 11 17	0 39 21 59	0 3 10 33	10 43 19 54	15 29 1 57			
W30	18 45 0 14	2 0 15 53	1 31 5 40	0 50 21 42	0 22 23 6	0 9 22 39	0 39 5 25	0 41 11 16	0 39 21 58	0 3 10 31	10 42 19 52	15 29 1 57			
T 31	18n31 6s20	0n49 15n14	1n26 5n10	0n46 21n48	0s21 23n 5	0s 9 22s39	0n39 5n24	0s41 11n15	0n39 21n58	0s 2 10n31	10n41 19s49	15n29 1s58			

Julian Day Number = 2426158.5, Delta T = 24.42 sec  
Ecliptic obliquity = 23°27'01, Nutation = - 0°00'08, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 23°46'10, Lahiri = 22°53'11



# ASTRODIENST EPHEMERIS for the year 1930

## geocentric

AUGUST 1930

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 35 31	8♌1'12	1♍38	24♊43	19♍52	12♏2	7♎48	6♌R28	15♌R20	2♏22	19♎40	27♌R17	27♏43	18♎44	18♏39	F 1
S 2	20 39 27	8°58'37	14°50	26°27	20°59	12°42	8°0	6♎25	15♏19	2°24	19°42	27♏17	27°40	18°51	18°40	S 2
S 3	20 43 24	9°56'02	27°40	28°9	22°7	13°23	8°13	6°22	15°19	2°26	19°43	27°16	27°36	18°57	18°41	S 3
M 4	20 47 20	10°53'28	10♌15	29°49	23°15	14°3	8°26	6°19	15°18	2°28	19°45	27°13	27°33	19°4	18°42	M 4
T 5	20 51 17	11°50'55	22°35	1♏28	24°22	14°43	8°38	6°15	15°18	2°30	19°46	27°7	27°30	19°11	18°44	T 5
W 6	20 55 13	12°48'23	4♎46	3°5	25°30	15°23	8°51	6°12	15°17	2°32	19°48	26°59	27°27	19°17	18°45	W 6
T 7	20 59 10	13°45'52	16°49	4°40	26°37	16°3	9°3	6°9	15°16	2°35	19°49	26°48	27°24	19°24	18°46	T 7
F 8	21 3 6	14°43'21	28°47	6°14	27°44	16°43	9°15	6°6	15°15	2°37	19°51	26°36	27°21	19°31	18°47	F 8
S 9	21 7 3	15°40'51	10♎42	7°46	28°51	17°23	9°28	6°3	15°15	2°39	19°52	26°23	27°17	19°38	18°48	S 9
S 10	21 11 0	16°38'23	22°34	9°16	29°58	18°3	9°40	6°0	15°14	2°41	19°54	26°10	27°14	19°44	18°49	S 10
M 11	21 14 56	17°35'55	4♏26	10°45	1♎4	18°43	9°52	5°58	15°13	2°43	19°55	26°0	27°11	19°51	18°49	M 11
T 12	21 18 53	18°33'29	16°18	12°12	2°11	19°22	10°4	5°55	15°12	2°45	19°56	25°51	27°8	19°58	18°50	T 12
W 13	21 22 49	19°31'04	28°14	13°38	3°17	20°2	10°16	5°52	15°11	2°47	19°58	25°45	27°5	20°4	18°51	W 13
T 14	21 26 46	20°28'40	10♏16	15°2	4°23	20°41	10°28	5°50	15°10	2°50	19°59	25°42	27°1	20°11	18°51	T 14
F 15	21 30 42	21°26'18	22°28	16°24	5°29	21°21	10°40	5°47	15°8	2°52	20°1	25°D41	26°58	20°18	18°52	F 15
S 16	21 34 39	22°23'58	4♎53	17°44	6°35	22°0	10°52	5°45	15°7	2°54	20°2	25°41	26°55	20°25	18°53	S 16
S 17	21 38 35	23°21'38	17°36	19°3	7°40	22°39	11°4	5°43	15°6	2°56	20°3	25°R41	26°52	20°31	18°53	S 17
M 18	21 42 32	24°19'21	0♏41	20°19	8°46	23°18	11°15	5°41	15°5	2°58	20°5	25°41	26°49	20°38	18°53	M 18
T 19	21 46 29	25°17'05	14°12	21°34	9°51	23°57	11°27	5°39	15°4	3°1	20°6	25°40	26°46	20°45	18°54	T 19
W 20	21 50 25	26°14'51	28°12	22°47	10°56	24°36	11°39	5°37	15°2	3°3	20°7	25°36	26°42	20°51	18°54	W 20
T 21	21 54 22	27°12'39	12♎39	23°58	12°1	25°14	11°50	5°35	15°1	3°5	20°9	25°30	26°39	20°58	18°54	T 21
F 22	21 58 18	28°10'28	27°31	25°6	13°6	25°53	12°2	5°33	15°0	3°7	20°10	25°23	26°36	21°5	18°55	F 22
S 23	22 2 15	29°8'19	12♌40	26°13	14°10	26°31	12°13	5°31	14°58	3°9	20°11	25°14	26°33	21°12	18°55	S 23
S 24	22 6 11	0♏6'11	27°57	27°17	15°15	27°10	12°24	5°29	14°57	3°12	20°13	25°6	26°30	21°18	18°R55	S 24
M 25	22 10 8	1°4'04	13♏10	28°18	16°19	27°48	12°35	5°28	14°55	3°14	20°14	24°59	26°27	21°25	18°55	M 25
T 26	22 14 4	2°1'59	28°10	29°17	17°23	28°26	12°46	5°26	14°54	3°16	20°15	24°54	26°23	21°32	18°55	T 26
W 27	22 18 1	2°59'56	12♎48	0♎14	18°26	29°4	12°57	5°25	14°52	3°18	20°16	24°52	26°20	21°38	18°54	W 27
T 28	22 21 58	3°57'53	27°0	1°7	19°30	29°42	13°8	5°24	14°50	3°21	20°18	24°D51	26°17	21°45	18°54	T 28
F 29	22 25 54	4°55'52	10♌44	1°58	20°33	0♎20	13°19	5°22	14°49	3°23	20°19	24°52	26°14	21°52	18°54	F 29
S 30	22 29 51	5°53'53	24°1	2°45	21°36	0°57	13°30	5°21	14°47	3°25	20°20	24°53	26°11	21°59	18°54	S 30
S 31	22 33 47	6♏51'55	6♏54	3♎29	22♎39	1♎35	13♎40	5♎20	14♏45	3♏27	20♎21	24°R54	26♏7	22♎5	18♎53	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18n16	12s24	0s23	14n34	1n21	4n40	0n43	21n55	0s20	23n4	0s9	22s39	0n38	5n24	0s41	F 1
S 2	18 1	17 45	1 31	13 54	1 16	4 10	0 39	22 1	0 19	23 4	0 9	22 39	0 38	5 24	0 41	S 2
S 3	17 46	22 8	2 33	13 13	1 10	3 40	0 36	22 7	0 18	23 3	0 9	22 40	0 38	5 24	0 41	S 3
M 4	17 30	25 24	3 26	12 32	1 4	3 10	0 32	22 12	0 17	23 2	0 9	22 40	0 38	5 23	0 41	M 4
T 5	17 15	27 23	4 9	11 51	0 57	2 40	0 28	22 18	0 17	23 2	0 9	22 40	0 38	5 23	0 42	T 5
W 6	16 59	28 1	4 39	11 10	0 50	2 10	0 24	22 23	0 16	23 1	0 9	22 41	0 38	5 23	0 42	W 6
T 7	16 42	27 18	4 56	10 28	0 43	1 39	0 20	22 28	0 15	23 0	0 8	22 41	0 38	5 23	0 42	T 7
F 8	16 25	25 19	5 1	9 47	0 36	1 9	0 16	22 33	0 14	22 59	0 8	22 41	0 38	5 22	0 42	F 8
S 9	16 9	22 14	4 52	9 5	0 28	0 38	0 12	22 38	0 13	22 59	0 8	22 41	0 37	5 22	0 42	S 9
S 10	15 51	18 15	4 30	8 24	0 20	0 8	0 8	22 43	0 12	22 58	0 8	22 42	0 37	5 22	0 42	S 10
M 11	15 34	13 34	3 57	7 43	0 11	0s22	0 3	22 47	0 11	22 57	0 8	22 42	0 37	5 21	0 42	M 11
T 12	15 16	8 22	3 13	7 2	0 3	0 53	0s1	22 51	0 10	22 56	0 8	22 42	0 37	5 21	0 42	T 12
W 13	14 58	2 51	2 21	6 21	0s6	1 23	0 6	22 55	0 10	22 55	0 8	22 42	0 37	5 20	0 42	W 13
T 14	14 40	2n49	1 21	5 41	0 15	1 54	0 10	22 59	0 9	22 54	0 8	22 43	0 37	5 20	0 42	T 14
F 15	14 22	8 29	0 17	5 0	0 24	2 24	0 15	23 2	0 8	22 54	0 8	22 43	0 37	5 19	0 42	F 15
S 16	14 3	13 55	0n49	4 21	0 33	2 55	0 19	23 6	0 7	22 53	0 8	22 43	0 37	5 19	0 42	S 16
S 17	13 44	18 55	1 54	3 41	0 42	3 25	0 24	23 9	0 6	22 52	0 8	22 43	0 36	5 18	0 42	S 17
M 18	13 25	23 10	2 56	3 3	0 52	3 55	0 29	23 12	0 5	22 51	0 7	22 43	0 36	5 18	0 42	M 18
T 19	13 6	26 18	3 49	2 24	1 1	4 25	0 34	23 15	0 4	22 50	0 7	22 44	0 36	5 17	0 42	T 19
W 20	12 46	27 57	4 31	1 47	1 11	4 55	0 39	23 17	0 3	22 49	0 7	22 44	0 36	5 17	0 42	W 20
T 21	12 27	27 47	4 57	1 10	1 21	5 25	0 44	23 20	0 2	22 48	0 7	22 44	0 36	5 16	0 42	T 21
F 22	12 7	25 39	5 5	0 34	1 31	5 55	0 49	23 22	0 1	22 47	0 7	22 44	0 36	5 16	0 42	F 22
S 23	11 47	21 40	4 51	0s2	1 40	6 25	0 54	23 24	0 0	22 46	0 7	22 45	0 36	5 15	0 42	S 23
S 24	11 26	16 12	4 17	0 36	1 50	6 55	0 59	23 26	0n1	22 45	0 7	22 45	0 35	5 15	0 42	S 24
M 25	11 6	9 45	3 24	1 10	2 0	7 24	1 4	23 28	0 2	22 44	0 7	22 45	0 35	5 14	0 42	M 25
T 26	10 45	2 50	2 18	1 42	2 10	7 54	1 9	23 29	0 3	22 43	0 7	22 45	0 35	5 13	0 42	T 26
W 27	10 25	4s4	1 4	2 14	2 20	8 23	1 15	23 31	0 4	22 43	0 7	22 45	0 35	5 13	0 42	W 27
T 28	10 4	10 35	0s12	2 44	2 29	8 52	1 20	23 32	0 5	22 42	0 7	22 46	0 35	5 12	0 42	T 28
F 29	9 42	16 23	1 24	3 33	2 39	9 21	1 25	23 33	0 6	22 41	0 7	22 46	0 35	5 12	0 42	F 29
S 30	9 21	21 13	2 30	3 40	2 48	9 50	1 31	23 34	0 7	22 40	0 6	22 46	0 35	5 11	0 42	S 30
S 31	9n0	24s52	3s27	4s6	2s57	10s18	1s36	23n34	0n8	22n39	0s6	22s46	0n35	5n10	0s42	S 31

Julian Day Number = 2426189.5, Delta T = 24.42 sec  
 Ecliptic obliquity = 23°27'02, Nutation = - 0°00'07, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°46'15, Lahiri = 22°53'15

ASTRODIENST EPHEMERIS for the year 1930  
geocentric

SEPTEMBER 1930

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 37 44	7♏49°58	19♌27	4♏9	23♏41	2♏12	13♏51	5°R19	14°R43	3♏29	20♏22	24°R53	26°Y 4	22♏12	18°R53	M 1
T 2	22 41 40	8°48'02	1♌44	4°45	24°43	2°50	14° 1	5♌19	14°Y42	3°32	20°23	24°Y50	26° 1	22°19	18♌52	T 2
W 3	22 45 37	9°46'08	13°50	5°17	25°45	3°27	14°12	5°18	14°40	3°34	20°24	24°46	25°58	22°25	18°52	W 3
T 4	22 49 33	10°44'16	25°48	5°45	26°47	4° 4	14°22	5°17	14°38	3°36	20°26	24°39	25°55	22°32	18°51	T 4
F 5	22 53 30	11°42'25	7♏42	6° 8	27°48	4°41	14°32	5°17	14°36	3°38	20°27	24°32	25°52	22°39	18°51	F 5
S 6	22 57 27	12°40'35	19°34	6°26	28°49	5°18	14°42	5°16	14°34	3°41	20°28	24°24	25°48	22°46	18°50	S 6
S 7	23 1 23	13°38'47	1♏26	6°39	29°50	5°54	14°52	5°16	14°32	3°43	20°29	24°16	25°45	22°52	18°49	S 7
M 8	23 5 20	14°37'01	13°20	6°46	0♏50	6°31	15° 2	5°16	14°30	3°45	20°30	24°10	25°42	22°59	18°48	M 8
T 9	23 9 16	15°35'16	25°19	6°R47	1°50	7° 7	15°11	5°15	14°28	3°47	20°31	24° 5	25°39	23° 6	18°47	T 9
W10	23 13 13	16°33'33	7°Y23	6°42	2°50	7°44	15°21	5°D15	14°26	3°49	20°32	24° 1	25°36	23°12	18°47	W10
T 11	23 17 9	17°31'52	19°34	6°30	3°49	8°20	15°31	5°15	14°24	3°51	20°33	24°D 0	25°33	23°19	18°45	T 11
F 12	23 21 6	18°30'13	1♏55	6°12	4°48	8°56	15°40	5°16	14°22	3°54	20°34	24° 0	25°29	23°26	18°44	F 12
S 13	23 25 2	19°28'37	14°28	5°48	5°46	9°32	15°49	5°16	14°20	3°56	20°35	24° 1	25°26	23°32	18°43	S 13
S 14	23 28 59	20°27'02	27°17	5°16	6°45	10° 8	15°58	5°16	14°18	3°58	20°36	24° 3	25°23	23°39	18°42	S 14
M15	23 32 56	21°25'30	10♏24	4°38	7°42	10°43	16° 7	5°17	14°16	4° 0	20°36	24° 4	25°20	23°46	18°41	M15
T 16	23 36 52	22°23'59	23°52	3°54	8°40	11°19	16°16	5°17	14°13	4° 2	20°37	24°R 5	25°17	23°53	18°40	T 16
W17	23 40 49	23°22'31	7♏43	3° 3	9°36	11°54	16°25	5°18	14°11	4° 4	20°38	24° 4	25°13	23°59	18°38	W17
T 18	23 44 45	24°21'05	21°57	2° 8	10°33	12°29	16°34	5°19	14° 9	4° 7	20°39	24° 2	25°10	24° 6	18°37	T 18
F 19	23 48 42	25°19'42	6♏32	1° 9	11°29	13° 4	16°42	5°19	14° 7	4° 9	20°40	23°59	25° 7	24°13	18°35	F 19
S 20	23 52 38	26°18'20	21°24	0° 6	12°24	13°39	16°51	5°20	14° 4	4°11	20°41	23°55	25° 4	24°19	18°34	S 20
S 21	23 56 35	27°17'01	6♏25	29♏ 2	13°19	14°14	16°59	5°21	14° 2	4°13	20°41	23°51	25° 1	24°26	18°32	S 21
M22	0 0 31	28°15'43	21°27	27°57	14°14	14°48	17° 7	5°23	14° 0	4°15	20°42	23°48	24°58	24°33	18°31	M22
T 23	0 4 28	29°14'28	6♏21	26°54	15° 8	15°23	17°15	5°24	13°57	4°17	20°43	23°46	24°54	24°39	18°29	T 23
W24	0 8 25	0♏13'14	20°58	25°53	16° 1	15°57	17°23	5°25	13°55	4°19	20°43	23°D45	24°51	24°46	18°27	W24
T 25	0 12 21	1°12'02	5♏14	24°57	16°54	16°31	17°31	5°27	13°53	4°21	20°44	23°45	24°48	24°53	18°26	T 25
F 26	0 16 18	2°10'52	19° 3	24° 7	17°46	17° 5	17°38	5°28	13°50	4°23	20°45	23°46	24°45	25° 0	18°24	F 26
S 27	0 20 14	3° 9'44	2♏26	23°24	18°38	17°39	17°46	5°30	13°48	4°25	20°45	23°48	24°42	25° 6	18°22	S 27
S 28	0 24 11	4° 8'38	15°25	22°50	19°29	18°12	17°53	5°31	13°46	4°27	20°46	23°49	24°38	25°13	18°20	S 28
M29	0 28 7	5° 7'34	28° 2	22°25	20°19	18°46	18° 0	5°33	13°43	4°29	20°47	23°50	24°35	25°20	18°18	M29
T 30	0 32 4	6♏ 6'31	10♏21	22♏10	21♏ 9	19♏19	18♏ 7	5♏35	13°Y41	4♏31	20♏47	23°R50	24°Y32	25♏26	18♏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	decl	lat
M 1	8n38	27s13	4s12	4s30	3s 6	10s46	1s42	23n35	0n 9	22n38	0s 6	22s46	0n34	5n 9	0s42	10n50	0n39	21n54	0s 1	9n38	10n 4	18s29	15n27	2s 4	15n27	2s 4	
T 2	8 16	28 10	4 44	4 52	3 15	11 15	1 47	23 35	0 10	22 37	0 6	22 46	0 34	5 9	0 42	10 50	0 39	21 54	0 0	9 37	10 3	18 26	15 27	2 4	15 27	2 4	
W 3	7 55	27 45	5 3	5 13	3 23	11 42	1 53	23 35	0 11	22 36	0 6	22 47	0 34	5 8	0 42	10 49	0 39	21 54	0 0	9 36	10 2	18 24	15 27	2 5	15 27	2 5	
T 4	7 33	26 2	5 8	5 31	3 31	12 10	1 58	23 35	0 12	22 35	0 6	22 47	0 34	5 7	0 42	10 48	0 39	21 53	0 0	9 33	10 1	18 21	15 26	2 5	15 26	2 5	
F 5	7 11	23 11	5 0	5 47	3 39	12 38	2 4	23 35	0 13	22 34	0 6	22 47	0 34	5 7	0 42	10 47	0 39	21 53	0 0	9 31	10 0	18 19	15 26	2 5	15 26	2 5	
S 6	6 48	19 22	4 39	6 1	3 46	13 5	2 10	23 35	0 14	22 33	0 6	22 47	0 34	5 6	0 42	10 46	0 39	21 53	0 0	9 28	9 59	18 16	15 25	2 5	15 25	2 5	
S 7	6 26	14 48	4 6	6 11	3 52	13 32	2 15	23 34	0 15	22 32	0 6	22 47	0 34	5 5	0 42	10 46	0 39	21 53	0 0	9 25	9 57	18 13	15 25	2 5	15 25	2 5	
M 8	6 4	9 40	3 23	6 19	3 58	13 58	2 21	23 34	0 16	22 31	0 6	22 47	0 33	5 4	0 42	10 45	0 39	21 53	0 0	9 22	9 56	18 11	15 25	2 6	15 25	2 6	
T 9	5 41	4 9	2 30	6 24	4 2	14 25	2 27	23 33	0 17	22 30	0 6	22 47	0 33	5 3	0 42	10 44	0 39	21 53	0 0	9 21	9 55	18 8	15 24	2 6	15 24	2 6	
W10	5 18	1n34	1 29	6 25	4 6	14 51	2 33	23 32	0 19	22 29	0 5	22 48	0 33	5 3	0 42	10 43	0 39	21 53	0n 0	9 19	9 54	18 6	15 24	2 6	15 24	2 6	
T 11	4 56	7 17	0 24	6 23	4 9	15 17	2 38	23 31	0 20	22 28	0 5	22 48	0 33	5 2	0 42	10 43	0 39	21 53	0 0	9 19	9 53	18 3	15 23	2 6	15 23	2 6	
F 12	4 33	12 49	0n43	6 17	4 10	15 42	2 44	23 30	0 21	22 27	0 5	22 48	0 33	5 1	0 42	10 42	0 39	21 53	0 0	9 19	9 52	18 0	15 23	2 6	15 23	2 6	
S 13	4 10	17 56	1 49	6 8	4 10	16 7	2 50	23 28	0 22	22 26	0 5	22 48	0 33	5 0	0 42	10 41	0 39	21 53	0 0	9 19	9 50	17 58	15 22	2 7	15 22	2 7	
S 14	3 47	22 21	2 52	5 54	4 9	16 32	2 56	23 27	0 23	22 25	0 5	22 48	0 33	4 59	0 42	10 40	0 39	21 53	0 0	9 20	9 49	17 55	15 22	2 7	15 22	2 7	
M15	3 24	25 45	3 47	5 36	4 6	16 57	3 1	23 25	0 24	22 24	0 5	22 48	0 33	4 58	0 42	10 39	0 39	21 53	0 0	9 20	9 48	17 52	15 21	2 7	15 21	2 7	
T 16	3 1	27 49	4 31	5 14	4 1	17 21	3 7	23 23	0 25	22 23	0 5	22 48	0 32	4 58	0 42	10 39	0 39	21 52	0 0	9 21	9 47	17 50	15 21	2 7	15 21	2 7	
W17	2 38	28 13	5 0	4 48	3 54	17 44	3 13	23 21	0 26	22 22	0 5	22 48	0 32	4 57	0 42	10 38	0 39	21 52	0 0	9 20	9 46	17 47	15 20	2 7	15 20	2 7	
T 18	2 15	26 48	5 13	4 18	3 46	18 8	3 18	23 19	0 28	22 21	0 5	22 49	0 32	4 56	0 42	10 37	0 39	21 52	0 1	9 20	9 45	17 44	15 20	2 8	15 20	2 8	
F 19	1 51	23 34	5 5	3 45	3 35	18 31	3 24	23 17	0 29	22 20	0 5	22 49	0 32	4 55	0 42	10 36	0 39	21 52	0 1	9 18	9 44	17 42	15 19	2 8	15 19	2 8	
S 20	1 28	18 45	4 38	3 8	3 23	18 54	3 30	23 15	0 30	22 19	0 4	22 49	0 32	4 54	0 42	10 36	0 39	21 52	0 1	9 17	9 42	17 39	15 18	2 8	15 18	2 8	
S 21	1 5	12 44	3 51	2 30	3 8	19 16	3 36	23 12	0 31	22 18	0 4	22 49	0 32	4 53	0 42	10 35	0 40	21 52	0 1	9 16	9 41	17 36	15 18	2 8	15 18	2 8	
M22	0 41	5 58	2 48	1 49	2 52	19 38	3 41	23 10	0 32	22 17	0 4	22 49	0 32	4 52	0 42	10 34	0 40	21 52	0 1	9 14	9 40	17 34	15 17	2 8	15 17	2 8	
T 23	0 18	1s 5	1 34	1 8	2 35	20 0	3 47	23 7	0 34	22 16	0 4	22 49	0 32	4 51	0 42	10 33	0 40	21 52	0 1	9 14	9 39	17 31	15 17	2 9	15 17	2 9	
W24	0s 5	7 57	0 15	0 27	2 16	20 21	3 52	23 4	0 35	22 15	0 4	22 49	0 31	4 51	0 42	10 33	0 40	21 52	0 1	9 13	9 38	17 28	15 16	2 9	15 16	2 9	
T 25	0 29	14 15	1s 3	0n13	1 57	20 41	3 58	23 1	0 36	22 14	0 4	22 49	0 31	4 50	0 42	10 32	0 40	21 52	0 1	9 13	9 37	17 26	15 15	2 9	15 15	2 9	
F 26	0 52	19 39	2 15	0 51	1 37	21 2	4 3	22 58	0 37	22 13	0 4	22 49	0 31	4 49	0 42	10 31	0 40	21 52	0 1	9 14	9 35	17 23	15 15	2 9	15 15	2 9	
S 27	1 15	23 53	3 17	1 27	1 17	21 22	4 9	22 55	0 38	22 13	0 4	22 49	0 31	4 48	0 42	10 31	0 40	21 52	0 1	9 14	9 34	17 20	15 14	2 9	15 14	2 9	
S 28	1 39	26 45	4 8	1 59	0 57	21 41	4 14	22 52	0 40	22 12	0 4	22 49	0 31	4 47	0 42	10 30	0 40	21 52	0 1	9 15	9 33	17 18	15 13	2 10	15 13	2 10	
M29	2 2	28 10	4 44	2 27	0 37	22 0	4 19	22 49	0 41	22 11	0 4	22 49	0 31	4 46	0 42	10 29	0 40	21 52	0 1	9 15	9 32	17 15	15 12	2 10	15 12	2 10	
T 30	2s26	28s 9	5s 7	2n50	0s18	22s18	4s25	22n45	0n42	22n10	0s 3	22s49	0n31	4n45	0s42	10n28	0n40	21n52	0n 1	9n15	9n31	17s12	15n12	2s10	15n12	2s10	

ASTRODIENST EPHEMERIS for the year 1930  
geocentric

OCTOBER 1930

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 36 0	7♂ 5'30	22♂27	22°D 6	21♂57	19♂52	18♂14	5♂37	13°R39	4♂33	20♂48	23°R49	24°Y29	25♂33	18°R14	W 1
T 2	0 39 57	8° 4'31	4♂24	22♂11	22°45	20°25	18°21	5°39	13°Y36	4°35	20°48	23°Y48	24°26	25°40	18♂12	T 2
F 3	0 43 54	9° 3'33	16°16	22°27	23°33	20°58	18°28	5°41	13°34	4°37	20°49	23°46	24°23	25°47	18°10	F 3
S 4	0 47 50	10° 2'38	28° 7	22°53	24°19	21°30	18°34	5°44	13°31	4°39	20°49	23°44	24°19	25°53	18° 8	S 4
S 5	0 51 47	11° 1'44	10♂ 1	23°29	25° 5	22° 3	18°40	5°46	13°29	4°41	20°50	23°42	24°16	26° 0	18° 5	S 5
M 6	0 55 43	12° 0'52	22° 0	24°13	25°49	22°35	18°47	5°48	13°26	4°42	20°50	23°40	24°13	26° 7	18° 3	M 6
T 7	0 59 40	13° 0'02	4°Y 7	25° 6	26°33	23° 7	18°53	5°51	13°24	4°44	20°50	23°39	24°10	26°13	18° 1	T 7
W 8	1 3 36	13°59'14	16°23	26° 6	27°16	23°38	18°58	5°54	13°22	4°46	20°51	23°38	24° 7	26°20	17°58	W 8
T 9	1 7 33	14°58'28	28°50	27°13	27°57	24°10	19° 4	5°56	13°19	4°48	20°51	23°D38	24° 4	26°27	17°56	T 9
F 10	1 11 29	15°57'44	11♂28	28°26	28°38	24°41	19°10	5°59	13°17	4°50	20°51	23°39	24° 0	26°33	17°54	F 10
S 11	1 15 26	16°57'02	24°19	29°44	29°17	25°12	19°15	6° 2	13°14	4°52	20°52	23°39	23°57	26°40	17°51	S 11
S 12	1 19 22	17°56'23	7♂23	1♂ 7	29°56	25°43	19°20	6° 5	13°12	4°53	20°52	23°40	23°54	26°47	17°49	S 12
M13	1 23 19	18°55'46	20°42	2°34	0♂33	26°14	19°25	6° 8	13° 9	4°55	20°52	23°40	23°51	26°54	17°46	M13
T 14	1 27 16	19°55'11	4♂16	4° 4	1° 9	26°44	19°30	6°11	13° 7	4°57	20°53	23°41	23°48	27° 0	17°44	T 14
W15	1 31 12	20°54'38	18° 6	5°37	1°44	27°15	19°35	6°15	13° 5	4°58	20°53	23°R41	23°44	27° 7	17°41	W15
T 16	1 35 9	21°54'08	2♂10	7°12	2°17	27°45	19°39	6°18	13° 2	5° 0	20°53	23°41	23°41	27°14	17°38	T 16
F 17	1 39 5	22°53'41	16°28	8°49	2°49	28°14	19°43	6°22	13° 0	5° 2	20°53	23°41	23°38	27°20	17°36	F 17
S 18	1 43 2	23°53'15	0♂57	10°27	3°19	28°44	19°47	6°25	12°57	5° 3	20°53	23°D41	23°35	27°27	17°33	S 18
S 19	1 46 58	24°52'52	15°33	12° 7	3°48	29°13	19°51	6°29	12°55	5° 5	20°53	23°41	23°32	27°34	17°30	S 19
M20	1 50 55	25°52'31	0♂10	13°47	4°16	29°42	19°55	6°32	12°53	5° 6	20°53	23°41	23°29	27°40	17°27	M20
T 21	1 54 51	26°52'12	14°43	15°28	4°42	0♂11	19°59	6°36	12°50	5° 8	20°53	23°41	23°25	27°47	17°25	T 21
W22	1 58 48	27°51'55	29° 5	17°10	5° 6	0°40	20° 2	6°40	12°48	5° 9	20°53	23°R41	23°22	27°54	17°22	W22
T 23	2 2 45	28°51'40	13♂11	18°51	5°28	1° 8	20° 5	6°44	12°46	5°11	20°R53	23°41	23°19	28° 1	17°19	T 23
F 24	2 6 41	29°51'27	26°58	20°33	5°49	1°36	20° 8	6°48	12°43	5°12	20°53	23°40	23°16	28° 7	17°16	F 24
S 25	2 10 38	0♂15'16	10♂22	22°15	6° 8	2° 4	20°11	6°52	12°41	5°14	20°53	23°40	23°13	28°14	17°13	S 25
S 26	2 14 34	1°51'07	23°23	23°56	6°25	2°31	20°14	6°56	12°39	5°15	20°53	23°39	23°10	28°21	17°10	S 26
M27	2 18 31	2°50'59	6♂ 4	25°37	6°40	2°58	20°16	7° 1	12°37	5°17	20°53	23°38	23° 6	28°27	17° 7	M27
T 28	2 22 27	3°50'53	18°26	27°18	6°52	3°25	20°19	7° 5	12°34	5°18	20°53	23°37	23° 3	28°34	17° 5	T 28
W29	2 26 24	4°50'49	0♂33	28°59	7° 3	3°52	20°21	7° 9	12°32	5°19	20°53	23°D36	23° 0	28°41	17° 2	W29
T 30	2 30 20	5°50'47	12°31	0♂39	7°12	4°18	20°23	7°14	12°30	5°21	20°53	23°36	22°57	28°47	16°59	T 30
F 31	2 34 17	6♂50'46	24♂23	2♂19	7♂18	4♂44	20♂24	7♂18	12°Y28	5♂22	20♂53	23°Y37	22°Y54	28♂54	16♂56	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	2s49	26s46	5s15	3n 9	0n 0	22s36	4s30	22n42	0n44	22n 9	0s 3	22s49	0n30	4n44	0s42	10n28	0n40	21n52	0n 1	9n15	9n30	17s 9	15n11	2s10			
T 2	3 12	24 11	5 10	3 22	0 18	22 54	4 35	22 38	0 45	22 8	0 3	22 49	0 30	4 43	0 42	10 27	0 40	21 52	0 1	9 14	9 28	17 7	15 10	2 10			
F 3	3 36	20 36	4 52	3 30	0 33	23 11	4 40	22 35	0 46	22 8	0 3	22 50	0 30	4 42	0 42	10 26	0 40	21 52	0 1	9 14	9 27	17 4	15 9	2 10			
S 4	3 59	16 12	4 21	3 34	0 48	23 28	4 45	22 31	0 47	22 7	0 3	22 50	0 30	4 41	0 42	10 26	0 40	21 52	0 2	9 13	9 26	17 1	15 9	2 11			
S 5	4 22	11 11	3 38	3 32	1 1	23 44	4 50	22 27	0 49	22 6	0 3	22 50	0 30	4 40	0 42	10 25	0 40	21 52	0 2	9 12	9 25	16 58	15 8	2 11			
M 6	4 45	5 43	2 46	3 25	1 13	23 59	4 55	22 23	0 50	22 5	0 3	22 50	0 30	4 39	0 42	10 24	0 40	21 52	0 2	9 12	9 24	16 56	15 7	2 11			
T 7	5 8	0n 1	1 46	3 13	1 23	24 14	4 59	22 19	0 51	22 5	0 3	22 50	0 30	4 38	0 42	10 24	0 40	21 52	0 2	9 11	9 23	16 53	15 6	2 11			
W 8	5 31	5 50	0 40	2 58	1 32	24 29	5 4	22 15	0 53	22 4	0 3	22 50	0 30	4 37	0 42	10 23	0 40	21 52	0 2	9 11	9 21	16 50	15 5	2 11			
T 9	5 54	11 31	0n29	2 38	1 40	24 43	5 8	22 11	0 54	22 3	0 3	22 50	0 29	4 37	0 42	10 22	0 40	21 52	0 2	9 11	9 20	16 47	15 5	2 12			
F 10	6 17	16 49	1 37	2 15	1 46	24 56	5 12	22 7	0 56	22 2	0 2	22 50	0 29	4 36	0 42	10 22	0 40	21 52	0 2	9 11	9 19	16 45	15 4	2 12			
S 11	6 40	21 29	2 42	1 48	1 51	25 9	5 16	22 2	0 57	22 2	0 2	22 50	0 29	4 35	0 42	10 21	0 40	21 52	0 2	9 11	9 18	16 42	15 3	2 12			
S 12	7 2	25 10	3 40	1 19	1 55	25 21	5 20	21 58	0 58	22 1	0 2	22 50	0 29	4 34	0 42	10 21	0 40	21 52	0 2	9 12	9 17	16 39	15 2	2 12			
M13	7 25	27 33	4 26	0 47	1 57	25 33	5 24	21 54	1 0	22 1	0 2	22 50	0 29	4 33	0 42	10 20	0 40	21 52	0 2	9 12	9 16	16 36	15 1	2 12			
T 14	7 48	28 22	4 59	0 12	1 59	25 44	5 28	21 49	1 1	22 0	0 2	22 50	0 29	4 32	0 42	10 19	0 40	21 52	0 2	9 12	9 14	16 34	15 0	2 12			
W15	8 10	27 26	5 16	0s24	2 0	25 55	5 31	21 45	1 3	21 59	0 2	22 50	0 29	4 31	0 42	10 19	0 40	21 52	0 2	9 12	9 13	16 31	15 0	2 12			
T 16	8 32	24 46	5 14	1 2	2 0	26 5	5 34	21 40	1 4	21 59	0 2	22 49	0 29	4 30	0 42	10 18	0 40	21 52	0 2	9 12	9 12	16 28	14 59	2 13			
F 17	8 54	20 33	4 53	1 41	1 59	26 15	5 37	21 36	1 6	21 58	0 2	22 49	0 28	4 29	0 42	10 18	0 40	21 52	0 2	9 12	9 11	16 25	14 58	2 13			
S 18	9 16	15 4	4 13	2 21	1 57	26 24	5 40	21 31	1 7	21 58	0 1	22 49	0 28	4 28	0 42	10 17	0 40	21 52	0 2	9 12	9 10	16 22	14 57	2 13			
S 19	9 38	8 43	3 16	3 2	1 55	26 32	5 43	21 26	1 9	21 57	0 1	22 49	0 28	4 27	0 42	10 17	0 40	21 52	0 2	9 12	9 8	16 20	14 56	2 13			
M20	10 0	1 52	2 7	3 44	1 52	26 39	5 45	21 22	1 10	21 57	0 1	22 49	0 28	4 26	0 42	10 16	0 40	21 52	0 3	9 12	9 7	16 17	14 55	2 13			
T 21	10 22	5s 2	0 50	4 26	1 48	26 46	5 47	21 17	1 12	21 57	0 1	22 49	0 28	4 26	0 42	10 15	0 40	21 52	0 3	9 12	9 6	16 14	14 54	2 13			
W22	10 43	11 37	0s30	5 8	1 44	26 53	5 49	21 13	1 13	21 56	0 1	22 49	0 28	4 25	0 42	10 15	0 40	21 52	0 3	9 12	9 5	16 11	14 53	2 13			
T 23	11 4	17 29	1 46	5 51	1 40	26 58	5 51	21 8	1 15	21 56	0 1	22 49	0 28	4 24	0 42	10 14	0 40	21 52	0 3	9 12	9 4	16 8	14 52	2 14			
F 24	11 26	22 19	2 54	6 33	1 35	27 3	5 52	21 3	1 16	21 56	0 1	22 49	0 28	4 23	0 42	10 14	0 40	21 52	0 3	9 12	9 3	16 6	14 51	2 14			
S 25	11 47	25 49	3 51	7 16	1 30	27 7	5 53	20 58	1 18	21 55	0 1	22 49	0 28	4 22	0 42	10 13	0 40	21 52	0 3	9 11	9 1	16 3	14 51	2 14			
S 26	12 7	27 50	4 34	7 58	1 25	27 11	5 53	20 54	1 19	21 55	0 1	22 49	0 27	4 21	0 42	10 13	0 40	21 53	0 3	9 11	9 0	16 0	14 50	2 14			
M27	12 28	28 20	5 2	8 40	1 20	27 14	5 53	20 49	1 21	21 55	0 0	22 49	0 27	4 20	0 42	10 12	0 40	21 53	0 3	9 11	8 59	15 57	14 49	2 14			
T 28	12 48	27 23	5 15	9 22	1 14	27 16	5 53	20 44	1 23	21 55	0 0	22 49	0 27	4 19	0 42	10 12	0 40	21 53	0 3	9 10	8 58	15 54	14 48	2 14			
W29	13 9	25 9	5 14	10 4	1 8	27 17	5 52	20 40	1 24	21 54	0 0	22 48	0 27	4 19	0 42	10 11	0 40	21 53	0 3	9 10	8 57	15 51	14 47	2 14			
T 30	13 29	21 51	5 0	10 45	1 2	27 17	5 51	20 35	1 26	21 54	0 0	22 48	0 27	4 18	0 42	10 11	0 40	21 53	0 3	9 10	8 56	15 49	14 46	2 15			
F 31	13s48	17s40	4s32	11s25	0n55	27s17	5s50	20n31	1n28	21n54	0n 0	22s48	0n27	4n17	0s42	10n11	0n41	21n53	0n 3	9n10	8n54	15s46	14n45	2s15			

ASTRODIENST EPHEMERIS for the year 1930  
geocentric

NOVEMBER 1930

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 38 14	7♍50°46	6♋14	3♍59	7♏22	5♏10	20♌26	7♏23	12°R26	5♍23	20°R52	23°V38	22°V50	29°♌1	16°R53	S 1
S 2	2 42 10	8°50'48	18°10	5°38	7°R23	5°35	20°27	7°28	12°V24	5°24	20°52	23°39	22°47	29° 8	16°♌50	S 2
M 3	2 46 7	9°50'52	0°V13	7°17	7°22	6° 0	20°28	7°32	12°22	5°26	20°52	23°41	22°44	29°14	16°47	M 3
T 4	2 50 3	10°50'58	12°27	8°55	7°19	6°25	20°29	7°37	12°20	5°27	20°52	23°42	22°41	29°21	16°44	T 4
W 5	2 54 0	11°51'05	24°56	10°33	7°13	6°49	20°30	7°42	12°18	5°28	20°51	23°R42	22°38	29°28	16°41	W 5
T 6	2 57 56	12°51'14	7♏39	12°10	7° 5	7°13	20°30	7°47	12°16	5°29	20°51	23°42	22°35	29°34	16°37	T 6
F 7	3 1 53	13°51'25	20°39	13°47	6°55	7°37	20°31	7°52	12°14	5°30	20°51	23°40	22°31	29°41	16°34	F 7
S 8	3 5 49	14°51'38	3♍54	15°24	6°42	8° 0	20°R31	7°57	12°12	5°31	20°50	23°37	22°28	29°48	16°31	S 8
S 9	3 9 46	15°51'52	17°24	17° 0	6°26	8°23	20°31	8° 2	12°10	5°32	20°50	23°34	22°25	29°54	16°28	S 9
M10	3 13 43	16°52'09	1♌6	18°36	6° 9	8°45	20°31	8° 8	12° 8	5°33	20°49	23°31	22°22	0°♋1	16°25	M10
T 11	3 17 39	17°52'27	14°58	20°11	5°48	9° 8	20°30	8°13	12° 6	5°34	20°49	23°27	22°19	0° 8	16°22	T 11
W12	3 21 36	18°52'48	28°58	21°47	5°26	9°29	20°29	8°18	12° 4	5°35	20°48	23°25	22°16	0°14	16°19	W12
T 13	3 25 32	19°53'10	13♏4	23°22	5° 2	9°51	20°29	8°24	12° 2	5°36	20°48	23°24	22°12	0°21	16°16	T 13
F 14	3 29 29	20°53'34	27°14	24°56	4°35	10°12	20°27	8°29	12° 1	5°37	20°47	23°D24	22° 9	0°28	16°13	F 14
S 15	3 33 25	21°54'00	11♏25	26°31	4° 7	10°32	20°26	8°35	11°59	5°38	20°47	23°25	22° 6	0°35	16°10	S 15
S 16	3 37 22	22°54'28	25°36	28° 5	3°37	10°52	20°25	8°40	11°57	5°38	20°46	23°26	22° 3	0°41	16° 7	S 16
M17	3 41 18	23°54'58	9♌45	29°38	3° 5	11°12	20°23	8°46	11°56	5°39	20°46	23°28	22° 0	0°48	16° 4	M17
T 18	3 45 15	24°55'30	23°49	1♏12	2°33	11°31	20°21	8°52	11°54	5°40	20°45	23°R28	21°56	0°55	16° 1	T 18
W19	3 49 12	25°56'03	7♍46	2°45	1°58	11°50	20°19	8°58	11°53	5°40	20°44	23°27	21°53	1° 1	15°58	W19
T 20	3 53 8	26°56'39	21°31	4°19	1°24	12° 8	20°17	9° 3	11°51	5°41	20°44	23°25	21°50	1° 8	15°55	T 20
F 21	3 57 5	27°57'15	5♏2	5°52	0°48	12°26	20°14	9° 9	11°50	5°42	20°43	23°21	21°47	1°15	15°52	F 21
S 22	4 1 1	28°57'53	18°17	7°24	0°12	12°44	20°12	9°15	11°48	5°42	20°42	23°15	21°44	1°21	15°49	S 22
S 23	4 4 58	29°58'33	1♏14	8°57	29♍35	13° 0	20° 9	9°21	11°47	5°43	20°42	23° 8	21°41	1°28	15°46	S 23
M24	4 8 54	0°♏59'14	13°53	10°29	28°59	13°17	20° 6	9°27	11°45	5°43	20°41	23° 2	21°37	1°35	15°43	M24
T 25	4 12 51	1°59'56	26°15	12° 2	28°23	13°33	20° 3	9°33	11°44	5°44	20°40	22°56	21°34	1°41	15°40	T 25
W26	4 16 48	3° 0'39	8♌23	13°34	27°47	13°48	19°59	9°40	11°43	5°44	20°39	22°51	21°31	1°48	15°37	W26
T 27	4 20 44	4° 1'23	20°20	15° 5	27°13	14° 3	19°55	9°46	11°42	5°45	20°38	22°48	21°28	1°55	15°34	T 27
F 28	4 24 41	5° 2'08	2♋12	16°37	26°39	14°17	19°52	9°52	11°40	5°45	20°38	22°D47	21°25	2° 2	15°32	F 28
S 29	4 28 37	6° 2'54	14° 2	18° 9	26° 6	14°30	19°48	9°58	11°39	5°46	20°37	22°47	21°22	2° 8	15°29	S 29
S 30	4 32 34	7♏3'41	25♋57	19°♏40	25♍35	14♏44	19°543	10♏4	11°V38	5♍46	20°536	22°V48	21°V18	2°♋15	15°♌26	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s 8	12s50	3s53	12s 5	0n49	27s15	5s47	20n26	1n29	21n54	0n 0	22s48	0n27	4n16	0s42	10n10	0n41	21n53	0n 3	9n11	8n53	15s43	14n44	2s15					
S 2	14 27	7 30	3 4	12 44	0 42	27 13	5 45	20 21	1 31	21 54	0 0	22 48	0 27	4 15	0 42	10 10	0 41	21 53	0 3	9 11	8 52	15 40	14 43	2 15					
M 3	14 46	1 51	2 6	13 23	0 36	27 10	5 42	20 17	1 33	21 54	0 0	22 48	0 27	4 15	0 42	10 9	0 41	21 53	0 3	9 12	8 51	15 37	14 42	2 15					
T 4	15 5	3n59	1 2	14 1	0 29	27 6	5 38	20 12	1 35	21 54	0 1	22 47	0 26	4 14	0 42	10 9	0 41	21 53	0 4	9 12	8 50	15 34	14 41	2 15					
W 5	15 24	9 46	0n 7	14 38	0 22	27 1	5 34	20 8	1 36	21 54	0 1	22 47	0 26	4 13	0 42	10 9	0 41	21 53	0 4	9 12	8 48	15 31	14 40	2 15					
T 6	15 42	15 16	1 16	15 15	0 16	26 55	5 29	20 3	1 38	21 54	0 1	22 47	0 26	4 12	0 42	10 8	0 41	21 54	0 4	9 12	8 47	15 29	14 39	2 15					
F 7	16 0	20 13	2 23	15 51	0 9	26 47	5 24	19 59	1 40	21 54	0 1	22 47	0 26	4 11	0 42	10 8	0 41	21 54	0 4	9 12	8 46	15 26	14 38	2 15					
S 8	16 18	24 16	3 24	16 26	0 2	26 39	5 18	19 55	1 42	21 54	0 1	22 47	0 26	4 11	0 42	10 7	0 41	21 54	0 4	9 11	8 45	15 23	14 37	2 15					
S 9	16 36	27 4	4 14	17 0	0s 5	26 30	5 11	19 51	1 44	21 54	0 1	22 47	0 26	4 10	0 42	10 7	0 41	21 54	0 4	9 9	8 44	15 20	14 36	2 16					
M10	16 53	28 17	4 50	17 33	0 11	26 20	5 4	19 46	1 45	21 54	0 1	22 46	0 26	4 9	0 42	10 7	0 41	21 54	0 4	9 8	8 43	15 17	14 35	2 16					
T 11	17 10	27 45	5 10	18 5	0 18	26 8	4 56	19 42	1 47	21 55	0 1	22 46	0 26	4 9	0 42	10 6	0 41	21 54	0 4	9 7	8 41	15 14	14 34	2 16					
W12	17 27	25 28	5 12	18 37	0 25	25 56	4 47	19 38	1 49	21 55	0 2	22 46	0 26	4 8	0 42	10 6	0 41	21 54	0 4	9 6	8 40	15 11	14 33	2 16					
T 13	17 43	21 37	4 56	19 7	0 31	25 42	4 38	19 34	1 51	21 55	0 2	22 46	0 25	4 7	0 42	10 6	0 41	21 54	0 4	9 6	8 39	15 8	14 32	2 16					
F 14	17 59	16 31	4 21	19 37	0 38	25 27	4 28	19 31	1 53	21 55	0 2	22 45	0 25	4 7	0 42	10 6	0 41	21 55	0 4	9 6	8 38	15 5	14 32	2 16					
S 15	18 15	10 32	3 30	20 6	0 44	25 11	4 17	19 27	1 55	21 56	0 2	22 45	0 25	4 6	0 42	10 5	0 41	21 55	0 4	9 6	8 37	15 3	14 31	2 16					
S 16	18 30	4 0	2 27	20 33	0 50	24 54	4 6	19 23	1 57	21 56	0 2	22 45	0 25	4 5	0 42	10 5	0 41	21 55	0 4	9 6	8 35	15 0	14 30	2 16					
M17	18 46	2s43	1 14	21 0	0 56	24 37	3 54	19 20	1 59	21 56	0 2	22 45	0 25	4 5	0 42	10 5	0 41	21 55	0 4	9 7	8 34	14 57	14 29	2 16					
T 18	19 0	9 17	0s 2	21 26	1 2	24 18	3 41	19 16	2 1	21 57	0 2	22 44	0 25	4 4	0 42	10 5	0 41	21 55	0 4	9 7	8 33	14 54	14 28	2 16					
W19	19 15	15 19	1 17	21 50	1 8	23 58	3 28	19 13	2 3	21 57	0 3	22 44	0 25	4 4	0 42	10 4	0 41	21 55	0 4	9 7	8 32	14 51	14 27	2 16					
T 20	19 29	20 31	2 27	22 14	1 14	23 38	3 15	19 10	2 5	21 58	0 3	22 44	0 25	4 3	0 42	10 4	0 41	21 56	0 5	9 6	8 31	14 48	14 26	2 16					
F 21	19 43	24 33	3 27	22 36	1 20	23 17	3 1	19 7	2 7	21 58	0 3	22 43	0 25	4 2	0 42	10 4	0 41	21 56	0 5	9 4	8 30	14 45	14 25	2 16					
S 22	19 56	27 10	4 15	22 57	1 25	22 55	2 47	19 4	2 9	21 59	0 3	22 43	0 25	4 2	0 41	10 4	0 41	21 56	0 5	9 2	8 28	14 42	14 24	2 16					
S 23	20 9	28 15	4 48	23 18	1 31	22 33	2 32	19 1	2 11	21 59	0 3	22 43	0 24	4 1	0 41	10 4	0 41	21 56	0 5	9 0	8 27	14 39	14 23	2 17					
M24	20 22	27 48	5 6	23 37	1 36	22 10	2 17	18 58	2 14	22 0	0 3	22 42	0 24	4 1	0 41	10 3	0 41	21 56	0 5	8 57	8 26	14 36	14 22	2 17					
T 25	20 34	25 58	5 10	23 54	1 41	21 47	2 1	18 56	2 16	22 1	0 3	22 42	0 24	4 0	0 41	10 3	0 41	21 56	0 5	8 55	8 25	14 33	14 21	2 17					
W26	20 46	22 59	4 59	24 11	1 45	21 24	1 46	18 54	2 18	22 1	0 4	22 42	0 24	4 0	0 41	10 3	0 41	21 57	0 5	8 53	8 24	14 30	14 21	2 17					
T 27	20 58	19 4	4 35	24 26	1 50	21 1	1 30	18 51	2 20	22 2	0 4	22 41	0 24	4 0	0 41	10 3	0 41	21 57	0 5	8 52	8 22	14 27	14 20	2 17					
F 28	21 9	14 26	4 0	24 40	1 54	20 38	1 15	18 49	2 22	22 3	0 4	22 41	0 24	3 59	0 41	10 3	0 41	21 57	0 5	8 52	8 21	14 24	14 19	2 17					
S 29	21 20	9 16	3 14	24 53	1 58	20 15	0 59	18 48	2 25	22 3	0 4	22 41	0 24	3 59	0 41	10 3	0 41	21 57	0 5	8 52	8 20	14 21	14 18	2 17					
S 30	21s30	3s46	2s20	25s 4	2s 2	19s53	0s44	18n46	2n27	22n 4	0n 4	22s40	0n24	3n58	0s41	10n 3	0n41	21n57	0n 5	8n52	8n19	14s18	14n17	2s17					

# ASTRODIENST EPHEMERIS for the year 1930

## geocentric

DECEMBER 1930

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 36 30	8♂ 4'29	8♂ 1	21♂11	25°R 6	14♂56	19°R39	10♂11	11°R37	5♂46	20°R35	22°Y50	21°Y15	2♂22	15°R23	M 1
T 2	4 40 27	9° 5'18	20°18	22°42	24♂38	15° 8	19♂35	10°17	11°Y36	5°46	20♂34	22°R51	21°12	2°28	15♂20	T 2
W 3	4 44 23	10° 6'08	2♂54	24°13	24°12	15°19	19°30	10°24	11°35	5°47	20°33	22°50	21° 9	2°35	15°18	W 3
T 4	4 48 20	11° 6'59	15°50	25°43	23°48	15°30	19°25	10°30	11°34	5°47	20°32	22°48	21° 6	2°42	15°15	T 4
F 5	4 52 17	12° 7'51	29° 8	27°13	23°27	15°40	19°20	10°37	11°33	5°47	20°31	22°43	21° 2	2°48	15°12	F 5
S 6	4 56 13	13° 8'44	12♂48	28°42	23° 8	15°49	19°15	10°43	11°33	5°47	20°30	22°36	20°59	2°55	15°10	S 6
S 7	5 0 10	14° 9'38	26°45	0♂11	22°51	15°58	19° 9	10°50	11°32	5°47	20°29	22°27	20°56	3° 2	15° 7	S 7
M 8	5 4 6	15°10'33	10♂57	1°40	22°37	16° 6	19° 4	10°56	11°31	5°47	20°28	22°18	20°53	3° 8	15° 5	M 8
T 9	5 8 3	16°11'29	25°17	3° 7	22°25	16°14	18°58	11° 3	11°31	5°47	20°27	22°10	20°50	3°15	15° 2	T 9
W10	5 11 59	17°12'27	9♂40	4°34	22°15	16°21	18°52	11°10	11°30	5°47	20°26	22° 3	20°47	3°22	15° 0	W10
T 11	5 15 56	18°13'25	24° 1	6° 0	22° 8	16°27	18°46	11°16	11°29	5°47	20°25	21°58	20°43	3°29	14°57	T 11
F 12	5 19 52	19°14'24	8♂15	7°25	22° 4	16°32	18°40	11°23	11°29	5°47	20°24	21°55	20°40	3°35	14°55	F 12
S 13	5 23 49	20°15'25	22°22	8°48	22°D 2	16°37	18°34	11°30	11°28	5°47	20°23	21°D55	20°37	3°42	14°52	S 13
S 14	5 27 46	21°16'27	6♂20	10°10	22° 3	16°41	18°28	11°37	11°28	5°47	20°22	21°55	20°34	3°49	14°50	S 14
M15	5 31 42	22°17'29	20° 8	11°30	22° 6	16°44	18°21	11°44	11°28	5°47	20°21	21°R56	20°31	3°55	14°48	M15
T 16	5 35 39	23°18'33	3♂47	12°48	22°11	16°46	18°14	11°50	11°27	5°46	20°20	21°55	20°27	4° 2	14°45	T 16
W17	5 39 35	24°19'38	17°17	14° 4	22°19	16°48	18° 8	11°57	11°27	5°46	20°19	21°52	20°24	4° 9	14°43	W17
T 18	5 43 32	25°20'43	0♂16	15°16	22°29	16°49	18° 1	12° 4	11°27	5°46	20°18	21°47	20°21	4°15	14°41	T 18
F 19	5 47 28	26°21'50	13°45	16°25	22°41	16°R49	17°54	12°11	11°27	5°45	20°17	21°38	20°18	4°22	14°39	F 19
S 20	5 51 25	27°22'57	26°42	17°30	22°55	16°48	17°46	12°18	11°27	5°45	20°15	21°27	20°15	4°29	14°37	S 20
S 21	5 55 21	28°24'04	9♂26	18°30	23°12	16°46	17°39	12°25	11°D27	5°45	20°14	21°15	20°12	4°35	14°35	S 21
M22	5 59 18	29°25'12	21°56	19°25	23°30	16°44	17°32	12°32	11°27	5°44	20°13	21° 2	20° 8	4°42	14°33	M22
T 23	6 3 15	0♂26'21	4♂13	20°14	23°51	16°41	17°24	12°39	11°27	5°44	20°12	20°50	20° 5	4°49	14°31	T 23
W24	6 7 11	1°27'29	16°18	20°56	24°13	16°37	17°17	12°46	11°27	5°43	20°11	20°39	20° 2	4°55	14°29	W24
T 25	6 11 8	2°28'38	28°14	21°30	24°37	16°32	17° 9	12°53	11°27	5°43	20° 9	20°31	19°59	5° 2	14°27	T 25
F 26	6 15 4	3°29'47	10♂3	21°55	25° 3	16°26	17° 2	13° 0	11°27	5°42	20° 8	20°26	19°56	5° 9	14°26	F 26
S 27	6 19 1	4°30'56	21°52	22°11	25°31	16°20	16°54	13° 7	11°27	5°42	20° 7	20°23	19°53	5°15	14°24	S 27
S 28	6 22 57	5°32'05	3♂44	22°R16	26° 0	16°13	16°46	13°14	11°28	5°41	20° 6	20°D23	19°49	5°22	14°22	S 28
M29	6 26 54	6°33'13	15°44	22°11	26°31	16° 5	16°38	13°21	11°28	5°40	20° 4	20°R23	19°46	5°29	14°21	M29
T 30	6 30 50	7°34'22	28° 0	21°53	27° 3	15°56	16°30	13°28	11°28	5°40	20° 3	20°23	19°43	5°36	14°19	T 30
W31	6 34 47	8♂35'31	10♂35	21♂24	27♂37	15♂46	16♂22	13♂35	11°Y29	5♂39	20♂2	20°Y21	19°Y40	5♂42	14♂18	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	21s40	1n58	1s19	25s14	2s 5	19s31	0s29	18n44	2n29	22n 5	0n 4	22s40	0n24	3n58	0s41	10n 3
T 2	21 49	7 44	0 14	25 23	2 8	19 9	0 13	18 43	2 32	22 6	0 4	22 40	0 24	3 58	0 41	10 3
W 3	21 58	13 20	0n54	25 30	2 11	18 48	0n 2	18 42	2 34	22 6	0 5	22 39	0 24	3 57	0 41	10 2
T 4	22 7	18 31	2 1	25 36	2 14	18 28	0 16	18 41	2 36	22 7	0 5	22 39	0 23	3 57	0 41	10 2
F 5	22 15	22 57	3 3	25 41	2 16	18 9	0 30	18 40	2 39	22 8	0 5	22 38	0 23	3 57	0 41	10 2
S 6	22 23	26 14	3 56	25 44	2 17	17 51	0 44	18 40	2 41	22 9	0 5	22 38	0 23	3 56	0 41	10 2
S 7	22 31	28 0	4 36	25 46	2 19	17 34	0 58	18 39	2 43	22 10	0 5	22 37	0 23	3 56	0 41	10 2
M 8	22 38	27 58	5 0	25 46	2 19	17 17	1 11	18 39	2 46	22 11	0 5	22 37	0 23	3 56	0 41	10 2
T 9	22 44	26 5	5 5	25 45	2 20	17 2	1 23	18 39	2 48	22 12	0 5	22 36	0 23	3 56	0 41	10 2
W10	22 50	22 31	4 51	25 42	2 20	16 48	1 36	18 40	2 51	22 13	0 6	22 36	0 23	3 55	0 41	10 3
T 11	22 56	17 36	4 19	25 38	2 19	16 35	1 47	18 40	2 53	22 14	0 6	22 36	0 23	3 55	0 41	10 3
F 12	23 1	11 45	3 32	25 32	2 18	16 23	1 58	18 41	2 56	22 15	0 6	22 35	0 23	3 55	0 41	10 3
S 13	23 6	5 21	2 31	25 25	2 16	16 12	2 9	18 42	2 58	22 16	0 6	22 35	0 23	3 55	0 41	10 3
S 14	23 10	1s15	1 22	25 16	2 13	16 3	2 19	18 43	3 1	22 17	0 6	22 34	0 23	3 55	0 41	10 3
M15	23 14	7 44	0 10	25 6	2 10	15 54	2 29	18 45	3 3	22 18	0 6	22 34	0 23	3 55	0 41	10 3
T 16	23 17	13 46	1s 3	24 55	2 6	15 46	2 38	18 46	3 6	22 19	0 6	22 33	0 22	3 55	0 41	10 3
W17	23 20	19 5	2 11	24 43	2 1	15 40	2 47	18 48	3 9	22 20	0 7	22 32	0 22	3 55	0 41	10 3
T 18	23 22	23 23	3 11	24 29	1 55	15 34	2 55	18 50	3 11	22 21	0 7	22 32	0 22	3 54	0 41	10 3
F 19	23 24	26 25	3 59	24 14	1 49	15 30	3 3	18 53	3 14	22 22	0 7	22 31	0 22	3 54	0 41	10 3
S 20	23 25	27 59	4 34	23 58	1 41	15 26	3 10	18 56	3 16	22 23	0 7	22 31	0 22	3 54	0 40	10 4
S 21	23 26	28 2	4 55	23 42	1 32	15 24	3 17	18 58	3 19	22 24	0 7	22 30	0 22	3 54	0 40	10 4
M22	23 27	26 37	5 2	23 24	1 22	15 22	3 24	19 2	3 21	22 25	0 7	22 30	0 22	3 54	0 40	10 4
T 23	23 27	23 58	4 54	23 6	1 12	15 21	3 30	19 5	3 24	22 26	0 7	22 29	0 22	3 55	0 40	10 4
W24	23 27	20 17	4 32	22 48	0 59	15 21	3 35	19 9	3 27	22 28	0 8	22 29	0 22	3 55	0 40	10 4
T 25	23 26	15 50	4 0	22 29	0 46	15 22	3 41	19 13	3 29	22 29	0 8	22 28	0 22	3 55	0 40	10 5
F 26	23 24	10 50	3 17	22 11	0 32	15 23	3 45	19 17	3 32	22 30	0 8	22 27	0 22	3 55	0 40	10 5
S 27	23 22	5 27	2 25	21 53	0 16	15 26	3 50	19 21	3 34	22 31	0 8	22 27	0 22	3 55	0 40	10 5
S 28	23 20	0n 9	1 27	21 36	0n 1	15 28	3 54	19 26	3 37	22 32	0 8	22 26	0 22	3 55	0 40	10 5
M29	23 17	5 49	0 25	21 19	0 19	15 32	3 58	19 31	3 39	22 33	0 8	22 25	0 21	3 55	0 40	10 6
T 30	23 14	11 24	0n40	21 3	0 38	15 36	4 1	19 36	3 42	22 34	0 9	22 25	0 21	3 56	0 40	10 6
W31	23s10	16n40	1n45	20s49	0n57	15s40	4n 4	19n41	3n45	22n35	0n 9	22s24	0n21	3n56	0s40	10n 6

Julian Day Number = 2426311.5, Delta T = 24.41 sec  
 Ecliptic obliquity = 23°27'02, Nutation = - 0°00'07, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°46'31, Lahiri = 22°53'32