



Astrodienst Ephemeris Tables for the year 2065

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 2065
geocentric

JANUARY 2065

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	6 44 51	11°36'47	24°22'22	24°34'34	28°20'20	12°16'16	6°11'08	12°29'29	29°32'32	28°04'04	25°43'43	6°44'44	7°51'51	28°12'12	12°43'43	T 1
F 2	6 48 47	12° 7'57	8°11'41	26° 2'26	29°20'20	12°53'53	6°17'17	12°26'26	29°35'35	28°11'11	25°44'44	6°42'42	7°48'48	28°19'19	12°45'45	F 2
S 3	6 52 44	13° 9'07	23° 4'23	27°30'30	0°19'19	13°30'30	6°25'25	12°22'22	29°38'38	28° 1'01	25°44'44	6°39'39	7°44'44	28°26'26	12°48'48	S 3
S 4	6 56 40	14°10'18	7°27'27	28°59'59	1°18'18	14° 7'07	6°33'33	12°18'18	29°41'41	27°59'59	25°45'45	6°36'36	7°41'41	28°32'32	12°50'50	S 4
M 5	7 0 37	15°11'28	21°45'45	0°29'29	2°17'17	14°43'43	6°42'42	12°14'14	29°44'44	27°57'57	25°46'46	6°32'32	7°38'38	28°39'39	12°52'52	M 5
T 6	7 4 33	16°12'39	5°35'35	1°59'59	3°14'14	15°20'20	6°50'50	12° 9'09	29°47'47	27°56'56	25°46'46	6°30'30	7°35'35	28°46'46	12°55'55	T 6
W 7	7 8 30	17°13'50	19°45'45	3°29'29	4°12'12	15°57'57	6°57'57	12° 5'05	29°49'49	27°54'54	25°47'47	6°28'28	7°32'32	28°52'52	12°57'57	W 7
T 8	7 12 26	18°15'00	3°39'39	5° 0'00	5° 9'09	16°33'33	7° 5'05	12° 1'01	29°52'52	27°53'53	25°48'48	6°27'27	7°29'29	28°59'59	13° 0'00	T 8
F 9	7 16 23	19°16'10	16°33'33	6°31'31	6° 5'05	17°10'10	7°13'13	11°57'57	29°55'55	27°51'51	25°48'48	6°27'27	7°25'25	29° 6'06	13° 2'02	F 9
S 10	7 20 20	20°17'20	29°27'27	8° 3'03	7° 1'01	17°47'47	7°20'20	11°52'52	29°58'58	27°49'49	25°49'49	6°28'28	7°22'22	29°13'13	13° 5'05	S 10
S 11	7 24 16	21°18'30	12°11'11	9°35'35	7°56'56	18°23'23	7°28'28	11°48'48	0°27'27	27°48'48	25°50'50	6°30'30	7°19'19	29°19'19	13° 7'07	S 11
M 12	7 28 13	22°19'38	24°19'19	11° 7'07	8°50'50	19° 0'00	7°35'35	11°44'44	0° 3'03	27°46'46	25°51'51	6°31'31	7°16'16	29°26'26	13°10'10	M 12
T 13	7 32 9	23°20'47	6°19'19	12°40'40	9°44'44	19°36'36	7°42'42	11°39'39	0° 6'06	27°45'45	25°52'52	6°32'32	7°13'13	29°33'33	13°13'13	T 13
W 14	7 36 6	24°21'54	18°20'20	14°14'14	10°37'37	20°13'13	7°49'49	11°35'35	0° 8'08	27°43'43	25°52'52	6°33'33	7°10'10	29°39'39	13°16'16	W 14
T 15	7 40 2	25°23'01	0°13'13	15°48'48	11°30'30	20°49'49	7°56'56	11°30'30	0°11'11	27°42'42	25°53'53	6°33'33	7° 6'06	29°46'46	13°18'18	T 15
F 16	7 43 59	26°24'08	12° 6'06	17°22'22	12°21'21	21°26'26	8° 3'03	11°25'25	0°13'13	27°40'40	25°54'54	6°32'32	7° 3'03	29°53'53	13°21'21	F 16
S 17	7 47 55	27°25'13	24° 5'05	18°57'57	13°12'12	22° 2'02	8° 9'09	11°21'21	0°16'16	27°39'39	25°55'55	6°31'31	7° 0'00	29°59'59	13°24'24	S 17
S 18	7 51 52	28°26'18	6°11'11	20°33'33	14° 2'02	22°38'38	8°16'16	11°16'16	0°18'18	27°38'38	25°56'56	6°30'30	6°57'57	0° 6'06	13°27'27	S 18
M 19	7 55 49	29°27'23	18°36'36	22° 9'09	14°51'51	23°15'15	8°22'22	11°11'11	0°20'20	27°36'36	25°57'57	6°29'29	6°54'54	0°13'13	13°30'30	M 19
T 20	7 59 45	0°28'28	1°15'15	23°45'45	15°39'39	23°51'51	8°28'28	11° 6'06	0°23'23	27°35'35	25°58'58	6°28'28	6°50'50	0°20'20	13°33'33	T 20
W 21	8 3 42	1°29'29	14°10'10	25°22'22	16°27'27	24°27'27	8°34'34	11° 2'02	0°25'25	27°34'34	25°59'59	6°28'28	6°47'47	0°27'27	13°36'36	W 21
T 22	8 7 38	2°30'31	27°23'23	27° 0'00	17°13'13	25° 3'03	8°40'40	10°57'57	0°27'27	27°32'32	26° 0'00	6°27'27	6°44'44	0°33'33	13°39'39	T 22
F 23	8 11 35	3°31'32	10°12'12	28°38'38	17°59'59	25°40'40	8°45'45	10°52'52	0°29'29	27°31'31	26° 1'01	6°27'27	6°41'41	0°40'40	13°42'42	F 23
S 24	8 15 31	4°32'33	24°40'40	0°17'17	18°43'43	26°16'16	8°51'51	10°47'47	0°32'32	27°30'30	26° 2'02	6°28'28	6°38'38	0°47'47	13°45'45	S 24
S 25	8 19 28	5°33'33	8°19'19	1°56'56	19°26'26	26°52'52	8°56'56	10°42'42	0°34'34	27°28'28	26° 3'03	6°28'28	6°35'35	0°53'53	13°48'48	S 25
M 26	8 23 25	6°34'32	22°45'45	3°36'36	20° 9'09	27°28'28	9° 1'01	10°37'37	0°36'36	27°27'27	26° 4'04	6°28'28	6°31'31	1° 0'00	13°51'51	M 26
T 27	8 27 21	7°35'30	6°15'15	5°17'17	20°50'50	28° 4'04	9° 6'06	10°32'32	0°38'38	27°26'26	26° 5'05	6°28'28	6°28'28	1° 7'07	13°54'54	T 27
W 28	8 31 18	8°36'28	21°12'12	6°58'58	21°30'30	28°40'40	9°11'11	10°28'28	0°40'40	27°25'25	26° 6'06	6°27'27	6°25'25	1°14'14	13°58'58	W 28
T 29	8 35 14	9°37'26	5°19'19	8°40'40	22° 8'08	29°16'16	9°16'16	10°23'23	0°42'42	27°23'23	26° 7'07	6°27'27	6°22'22	1°20'20	14° 1'01	T 29
F 30	8 39 11	10°38'23	19°26'26	10°22'22	22°46'46	29°52'52	9°20'20	10°18'18	0°43'43	27°22'22	26° 8'08	6°27'27	6°19'19	1°27'27	14° 4'04	F 30
S 31	8 43 7	11°39'19	3°14'14	12°22'22	23°11'11	0°28'28	9°24'24	10°13'13	0°45'45	27°21'21	26° 9'09	6°28'28	6°16'16	1°34'34	14° 7'07	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
T 1	22s58	14s12	5s 7	23s11	0n 8	13s 8	1s10	14s34	0n59	12s27	1n11	17n44	0n43	19s50	0n13	22n 9	1s16	16s 0	15s38	18s35	18s18	15n34	2s23	4n46	
F 2	22 53	19 20	5 14	23 22	0 1	12 42	1 4	14 46	0 59	12 30	1 11	17 45	0 43	19 51	0 13	22 9	1 16	16 0	15 37	18 36	18 19	15 36	2 22	4 46	
S 3	22 47	23 23	5 1	23 31	0s 7	12 16	0 59	14 57	0 59	12 32	1 11	17 47	0 43	19 51	0 13	22 9	1 16	15 59	15 37	18 36	18 20	15 39	2 22	4 45	
S 4	22 41	25 59	4 30	23 40	0 14	11 50	0 53	15 8	0 58	12 35	1 11	17 48	0 43	19 52	0 13	22 9	1 16	15 59	15 37	18 37	18 21	15 42	2 21	4 45	
M 5	22 34	26 52	3 42	23 47	0 21	11 24	0 47	15 20	0 58	12 37	1 11	17 49	0 43	19 53	0 13	22 9	1 16	15 58	15 36	18 38	18 21	15 44	2 20	4 45	
T 6	22 27	25 59	2 41	23 53	0 28	10 58	0 41	15 31	0 58	12 40	1 11	17 50	0 44	19 53	0 13	22 9	1 16	15 58	15 36	18 39	18 22	15 47	2 20	4 44	
W 7	22 19	23 29	1 31	23 58	0 35	10 31	0 35	15 42	0 57	12 42	1 12	17 52	0 44	19 54	0 13	22 9	1 16	15 57	15 36	18 39	18 23	15 49	2 19	4 44	
T 8	22 11	19 41	0 17	24 2	0 42	10 4	0 29	15 52	0 57	12 45	1 12	17 53	0 44	19 54	0 13	22 9	1 16	15 56	15 35	18 39	18 24	15 52	2 18	4 44	
F 9	22 3	14 59	0n56	24 4	0 48	9 38	0 22	16 3	0 57	12 47	1 12	17 54	0 44	19 55	0 13	22 9	1 16	15 56	15 35	18 39	18 25	15 54	2 18	4 44	
S 10	21 54	9 44	2 4	24 5	0 54	9 11	0 16	16 14	0 56	12 49	1 12	17 56	0 44	19 56	0 13	22 9	1 16	15 55	15 35	18 39	18 25	15 57	2 17	4 43	
S 11	21 45	4 13	3 4	24 5	1 0	8 44	0 9	16 24	0 56	12 51	1 12	17 57	0 44	19 56	0 13	22 9	1 16	15 55	15 34	18 39	18 26	15 59	2 16	4 43	
M12	21 35	1n20	3 55	24 4	1 6	8 17	0 2	16 35	0 55	12 54	1 12	17 58	0 44	19 57	0 13	22 9	1 16	15 54	15 34	18 38	18 27	16 2	2 15	4 43	
T 13	21 25	6 44	4 34	24 1	1 12	7 50	0n 5	16 45	0 55	12 56	1 13	18 0	0 44	19 57	0 13	22 9	1 16	15 54	15 34	18 38	18 28	16 4	2 15	4 43	
W14	21 14	11 49	5 1	23 57	1 17	7 23	0 13	16 55	0 55	12 58	1 13	18 1	0 45	19 58	0 13	22 9	1 16	15 53	15 33	18 38	18 29	16 7	2 14	4 42	
T 15	21 3	16 27	5 15	23 52	1 22	6 56	0 20	17 5	0 54	13 0	1 13	18 3	0 45	19 58	0 13	22 9	1 16	15 52	15 33	18 38	18 29	16 9	2 13	4 42	
F 16	20 50	20 27	5 15	23 45	1 27	6 29	0 28	17 15	0 54	13 2	1 13	18 4	0 45	19 59	0 13	22 9	1 16	15 52	15 33	18 38	18 30	16 12	2 12	4 42	
S 17	20 40	23 39	5 2	23 36	1 32	6 3	0 36	17 25	0 53	13 4	1 13	18 5	0 45	19 59	0 13	22 9	1 16	15 51	15 33	18 38	18 31	16 14	2 11	4 42	
S 18	20 28	25 51	4 35	23 27	1 36	5 36	0 44	17 34	0 53	13 6	1 14	18 7	0 45	20 0	0 13	22 9	1 16	15 51	15 32	18 38	18 32	16 17	2 10	4 41	
M19	20 16	26 51	3 55	23 16	1 40	5 9	0 53	17 44	0 52	13 7	1 14	18 8	0 45	20 0	0 13	22 9	1 16	15 50	15 32	18 39	18 33	16 19	2 9	4 41	
T 20	20 3	26 29	3 3	23 3	1 44	4 43	1 1	17 53	0 52	13 9	1 14	18 10	0 45	20 1	0 13	22 9	1 16	15 49	15 32	18 39	18 33	16 22	2 9	4 41	
W21	19 49	24 41	2 1	22 49	1 48	4 16	1 10	18 3	0 51	13 11	1 14	18 11	0 45	20 1	0 13	22 9	1 15	15 49	15 32	18 39	18 34	16 24	2 8	4 41	
T 22	19 36	21 30	0 50	22 34	1 51	3 50	1 19	18 12	0 51	13 13	1 14	18 13	0 46	20 2	0 13	22 9	1 15	15 48	15 31	18 39	18 35	16 27	2 7	4 40	
F 23	19 22	17 6	0s25	22 17	1 54	3 24	1 28	18 21	0 50	13 14	1 14	18 14	0 46	20 2	0 13	22 9	1 15	15 47	15 31	18 39	18 36	16 29	2 6	4 40	
S 24	19 7	11 44	1 39	21 59	1 57	2 58	1 37	18 30	0 50	13 16	1 15	18 15	0 46	20 3	0 13	22 9	1 15	15 47	15 31	18 39	18 37	16 32	2 5	4 40	
S 25	18 53	5 43	2 49	21 39	1 59	2 32	1 47	18 39	0 49	13 17	1 15	18 17	0 46	20 3	0 13	22 9	1 15	15 46	15 30	18 39	18 37	16 34	2 4	4 40	
M26	18 37	0s38	3 49	21 18	2 1	2 7	1 57	18 48	0 49	13 19	1 15	18 18	0 46	20 4	0 13	22 9	1 15	15 45	15 30	18 39	18 38	16 37	2 3	4 40	
T 27	18 22	6 59	4 36	20 55	2 3	1 42	2 6	18 56	0 48	13 20	1 15	18 20	0 46	20 4	0 13	22 9	1 15	15 45	15 30	18 39	18 39	16 39	2 2	4 39	
W28	18 6	12 59	5 6	20 31	2 4	1 17	2 16	19 5	0 48	13 22	1 15	18 21	0 46	20 4	0 13	22 9	1 15	15 44	15 30	18 39	18 40	16 42	2 1	4 39	
T 29	17 50	18 18	5 17	20 6	2 5	0 52	2 27	19 13	0 47	13 23	1 16	18 23	0 46	20 5	0 13	22 9	1 15	15 43	15 29	18 39	18 41	16 44	2 0	4 39	
F 30	17 34	22 35	5 9	19 38	2 5	0 28	2 37	19 21	0 47	13 24	1 16	18 24	0 46	20 5	0 13	22 9	1 15	15 43	15 29	18 39	18 41	16 47	1 59	4 39	
S 31	17s17	25s30	4s42	19s10	2s 5	0s 4	2n48	19s29	0n46	13s25	1n16	18n26	0n47	20s 6	0n13	22n 9	1s15	15s42	15s29	18s39	18s42	16n49	1s58	4n39	

ASTRODIENST EPHEMERIS for the year 2065

geocentric

FEBRUARY 2065

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 47 4	12 ⁴⁰ 15	17 ³⁸ 38	13 ⁴⁹ 49	23 ⁵⁶ 56	1 ³ 3	9 ²⁹ 29	10 ⁸ 8	0 ⁴⁷ 47	27 ²⁰ 20	26 ¹¹ 11	6 ²⁸ 28	6 ¹² 12	1 ⁴¹ 41	14 ¹¹ 11	S 1
M 2	8 51 0	13 ⁴¹ 10	1 ²⁶ 26	15 ³⁴ 34	24 ²⁹ 29	1 ³⁹ 39	9 ³³ 33	10 ³ 3	0 ⁴⁹ 49	27 ¹⁹ 19	26 ¹² 12	6 ²⁹ 29	6 ⁹ 9	1 ⁴⁷ 47	14 ¹⁴ 14	M 2
T 3	8 54 57	14 ⁴² 04	15 ⁴ 4	17 ¹⁹ 19	25 ¹ 1	2 ¹⁵ 15	9 ³⁶ 36	9 ⁵⁸ 58	0 ⁵⁰ 50	27 ¹⁸ 18	26 ¹³ 13	6 ³⁰ 30	6 ⁶ 6	1 ⁵⁴ 54	14 ¹⁷ 17	T 3
W 4	8 58 54	15 ⁴² 57	28 ³⁰ 30	19 ⁵ 5	25 ³¹ 31	2 ⁵¹ 51	9 ⁴⁰ 40	9 ⁵³ 53	0 ⁵² 52	27 ¹⁷ 17	26 ¹⁴ 14	6 ³⁰ 30	6 ³ 3	2 ¹ 1	14 ²¹ 21	W 4
T 5	9 2 50	16 ⁴³ 49	11 ⁴² 42	20 ⁵² 52	26 ⁰ 0	3 ²⁶ 26	9 ⁴⁴ 44	9 ⁴⁸ 48	0 ⁵⁴ 54	27 ¹⁶ 16	26 ¹⁵ 15	6 ^{R30} 30	6 ⁰ 0	2 ⁷ 7	14 ²⁴ 24	T 5
F 6	9 6 47	17 ⁴⁴ 40	24 ⁴⁰ 40	22 ³⁹ 39	26 ²⁶ 26	4 ² 2	9 ⁴⁷ 47	9 ⁴³ 43	0 ⁵⁵ 55	27 ¹⁵ 15	26 ¹⁷ 17	6 ³⁰ 30	5 ⁵⁶ 56	2 ¹⁴ 14	14 ²⁸ 28	F 6
S 7	9 10 43	18 ⁴⁵ 29	7 ²³ 23	24 ²⁶ 26	26 ⁵¹ 51	4 ³⁷ 37	9 ⁵⁰ 50	9 ³⁹ 39	0 ⁵⁶ 56	27 ¹⁴ 14	26 ¹⁸ 18	6 ²⁸ 28	5 ⁵³ 53	2 ²¹ 21	14 ³¹ 31	S 7
S 8	9 14 40	19 ⁴⁶ 18	19 ⁵¹ 51	26 ¹⁴ 14	27 ¹⁵ 15	5 ¹³ 13	9 ⁵³ 53	9 ³⁴ 34	0 ⁵⁸ 58	27 ¹³ 13	26 ¹⁹ 19	6 ²⁷ 27	5 ⁵⁰ 50	2 ²⁸ 28	14 ³⁵ 35	S 8
M 9	9 18 36	20 ⁴⁷ 05	2 ⁷ 7	28 ² 2	27 ³⁶ 36	5 ⁴⁸ 48	9 ⁵⁶ 56	9 ²⁹ 29	0 ⁵⁹ 59	27 ¹² 12	26 ²⁰ 20	6 ²⁴ 24	5 ⁴⁷ 47	2 ³⁴ 34	14 ³⁸ 38	M 9
T 10	9 22 33	21 ⁴⁷ 50	14 ¹² 12	29 ⁵¹ 51	27 ⁵⁵ 55	6 ²⁴ 24	9 ⁵⁸ 58	9 ²⁴ 24	1 ¹ 1	27 ¹¹ 11	26 ²² 22	6 ²² 22	5 ⁴⁴ 44	2 ⁴¹ 41	14 ⁴² 42	T 10
W11	9 26 29	22 ⁴⁸ 34	26 ⁹ 9	1 ⁴⁰ 40	28 ¹³ 13	6 ⁵⁹ 59	10 ⁰ 0	9 ²⁰ 20	1 ² 2	27 ¹¹ 11	26 ²³ 23	6 ²⁰ 20	5 ⁴¹ 41	2 ⁴⁸ 48	14 ⁴⁵ 45	W11
T 12	9 30 26	23 ⁴⁹ 16	8 ¹ 1	3 ²⁸ 28	28 ²⁸ 28	7 ³⁴ 34	10 ³ 3	9 ¹⁵ 15	1 ³ 3	27 ¹⁰ 10	26 ²⁴ 24	6 ¹⁸ 18	5 ³⁷ 37	2 ⁵⁴ 54	14 ⁴⁹ 49	T 12
F 13	9 34 23	24 ⁴⁹ 57	19 ⁵⁴ 54	5 ¹⁷ 17	28 ⁴¹ 41	8 ⁹ 9	10 ⁵ 5	9 ¹⁰ 10	1 ⁴ 4	27 ⁹ 9	26 ²⁶ 26	6 ^{D17} 17	5 ³⁴ 34	3 ¹ 1	14 ⁵² 52	F 13
S 14	9 38 19	25 ⁵⁰ 36	1 ⁵¹ 51	7 ⁵ 5	28 ⁵² 52	8 ⁴⁵ 45	10 ⁷ 7	9 ⁶ 6	1 ⁵ 5	27 ⁸ 8	26 ²⁷ 27	6 ¹⁸ 18	5 ³¹ 31	3 ⁸ 8	14 ⁵⁶ 56	S 14
S 15	9 42 16	26 ⁵¹ 14	13 ⁵⁸ 58	8 ⁵² 52	29 ¹ 1	9 ²⁰ 20	10 ⁸ 8	9 ¹ 1	1 ⁶ 6	27 ⁸ 8	26 ²⁸ 28	6 ¹⁸ 18	5 ²⁸ 28	3 ¹⁵ 15	15 ⁰ 0	S 15
M16	9 46 12	27 ⁵¹ 50	26 ¹⁹ 19	10 ³⁹ 39	29 ⁷ 7	9 ⁵⁵ 55	10 ¹⁰ 10	8 ⁵⁷ 57	1 ⁷ 7	27 ⁷ 7	26 ³⁰ 30	6 ²⁰ 20	5 ²⁵ 25	3 ²¹ 21	15 ³ 3	M16
T 17	9 50 9	28 ⁵² 24	8 ⁵⁹ 59	12 ²⁴ 24	29 ¹¹ 11	10 ³⁰ 30	10 ¹¹ 11	8 ⁵² 52	1 ⁸ 8	27 ⁶ 6	26 ³¹ 31	6 ²² 22	5 ²² 22	3 ²⁸ 28	15 ⁷ 7	T 17
W18	9 54 5	29 ⁵² 56	21 ⁵⁹ 59	14 ⁸ 8	29 ^{R13} 13	11 ⁵ 5	10 ¹² 12	8 ⁴⁸ 48	1 ⁹ 9	27 ⁶ 6	26 ³³ 33	6 ²³ 23	5 ¹⁸ 18	3 ³⁵ 35	15 ¹⁰ 10	W18
T 19	9 58 2	0 ⁵³ 27	5 ²⁴ 24	15 ⁴⁹ 49	29 ¹² 12	11 ³⁹ 39	10 ¹³ 13	8 ⁴³ 43	1 ¹⁰ 10	27 ⁵ 5	26 ³⁴ 34	6 ^{R24} 24	5 ¹⁵ 15	3 ⁴² 42	15 ¹⁴ 14	T 19
F 20	10 1 58	1 ⁵³ 56	19 ¹² 12	17 ²⁸ 28	29 ⁸ 8	12 ¹⁴ 14	10 ¹⁴ 14	8 ³⁹ 39	1 ¹¹ 11	27 ⁵ 5	26 ³⁵ 35	6 ²³ 23	5 ¹² 12	3 ⁴⁸ 48	15 ¹⁸ 18	F 20
S 21	10 5 55	2 ⁵⁴ 23	3 ²¹ 21	19 ⁴ 4	29 ² 2	12 ⁴⁹ 49	10 ¹⁴ 14	8 ³⁵ 35	1 ¹¹ 11	27 ⁴ 4	26 ³⁷ 37	6 ²¹ 21	5 ⁹ 9	3 ⁵⁵ 55	15 ²¹ 21	S 21
S 22	10 9 52	3 ⁵⁴ 49	17 ⁴⁸ 48	20 ³⁶ 36	28 ⁵⁴ 54	13 ²³ 23	10 ¹⁴ 14	8 ³⁰ 30	1 ¹² 12	27 ⁴ 4	26 ³⁸ 38	6 ¹⁸ 18	5 ⁶ 6	4 ² 2	15 ²⁵ 25	S 22
M23	10 13 48	4 ⁵⁵ 13	2 ²⁵ 25	22 ⁴ 4	28 ⁴³ 43	13 ⁵⁸ 58	10 ^{R15} 15	8 ²⁶ 26	1 ¹³ 13	27 ³ 3	26 ⁴⁰ 40	6 ¹⁴ 14	5 ² 2	4 ⁸ 8	15 ²⁹ 29	M23
T 24	10 17 45	5 ⁵⁵ 35	17 ⁶ 6	23 ²⁷ 27	28 ²⁹ 29	14 ³³ 33	10 ¹⁵ 15	8 ²² 22	1 ¹³ 13	27 ³ 3	26 ⁴¹ 41	6 ¹⁰ 10	4 ⁵⁹ 59	4 ¹⁵ 15	15 ³³ 33	T 24
W25	10 21 41	6 ⁵⁵ 57	1 ⁴⁵ 45	24 ⁴⁵ 45	28 ¹⁴ 14	15 ⁷ 7	10 ¹⁴ 14	8 ¹⁸ 18	1 ¹⁴ 14	27 ² 2	26 ⁴³ 43	6 ⁵ 5	4 ⁵⁶ 56	4 ²² 22	15 ³⁶ 36	W25
T 26	10 25 38	7 ⁵⁶ 17	16 ¹⁴ 14	25 ⁵⁷ 57	27 ⁵⁵ 55	15 ⁴¹ 41	10 ¹⁴ 14	8 ¹⁴ 14	1 ¹⁴ 14	27 ² 2	26 ⁴⁴ 44	6 ² 2	4 ⁵³ 53	4 ²⁹ 29	15 ⁴⁰ 40	T 26
F 27	10 29 34	8 ⁵⁶ 35	0 ³¹ 31	27 ¹ 1	27 ³⁴ 34	16 ¹⁶ 16	10 ¹³ 13	8 ¹⁰ 10	1 ¹⁴ 14	27 ² 2	26 ⁴⁵ 45	6 ¹ 1	4 ⁵⁰ 50	4 ³⁵ 35	15 ⁴⁴ 44	F 27
S 28	10 33 31	9 ⁵⁶ 52	14 ³² 32	27 ⁵⁹ 59	27 ¹¹ 11	16 ⁵⁰ 50	10 ¹² 12	8 ¹⁰ 10	1 ¹⁵ 15	27 ¹ 1	26 ⁴⁷ 47	6 ^{D 1} 1	4 ⁴⁷ 47	4 ⁴² 42	15 ⁴⁸ 48	S 28

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	17s 0	26s49	3s59	18s40	2s 5	0n19	2n58	19s37	0n46	13s26	1n16	18n27	0n47	20s 6	0n13	22n 9
M 2	16 43	26 28	3 2	18 8	2 4	0 42	3 9	19 45	0 45	13 27	1 16	18 28	0 47	20 6	0 13	22 9
T 3	16 25	24 30	1 56	17 35	2 2	1 5	3 20	19 53	0 45	13 28	1 17	18 30	0 47	20 7	0 13	22 9
W 4	16 7	21 11	0 44	17 0	2 1	1 27	3 31	20 0	0 44	13 29	1 17	18 31	0 47	20 7	0 13	22 9
T 5	15 49	16 49	0n29	16 24	1 58	1 49	3 43	20 8	0 43	13 30	1 17	18 33	0 47	20 7	0 13	22 9
F 6	15 31	11 45	1 39	15 47	1 55	2 10	3 54	20 15	0 43	13 31	1 17	18 34	0 47	20 8	0 13	22 9
S 7	15 12	6 17	2 43	15 8	1 52	2 31	4 6	20 22	0 42	13 32	1 17	18 35	0 47	20 8	0 13	22 9
S 8	14 53	0 41	3 37	14 28	1 48	2 51	4 18	20 29	0 41	13 33	1 18	18 37	0 47	20 8	0 13	22 9
M 9	14 34	4n50	4 21	13 46	1 43	3 10	4 30	20 36	0 41	13 33	1 18	18 38	0 47	20 8	0 13	22 9
T 10	14 14	10 5	4 52	13 3	1 38	3 29	4 42	20 43	0 40	13 34	1 18	18 39	0 47	20 9	0 13	22 9
W11	13 55	14 54	5 10	12 19	1 32	3 47	4 54	20 49	0 39	13 34	1 18	18 41	0 48	20 9	0 13	22 9
T 12	13 35	19 9	5 15	11 34	1 26	4 4	5 6	20 56	0 39	13 35	1 18	18 42	0 48	20 9	0 13	22 10
F 13	13 14	22 37	5 7	10 48	1 19	4 20	5 18	21 2	0 38	13 35	1 19	18 43	0 48	20 9	0 13	22 10
S 14	12 54	25 10	4 45	10 0	1 11	4 36	5 30	21 8	0 37	13 36	1 19	18 45	0 48	20 10	0 13	22 10
S 15	12 34	26 36	4 10	9 12	1 2	4 50	5 42	21 14	0 37	13 36	1 19	18 46	0 48	20 10	0 13	22 10
M16	12 13	26 46	3 23	8 24	0 53	5 4	5 54	21 20	0 36	13 36	1 19	18 47	0 48	20 10	0 13	22 10
T 17	11 52	25 33	2 25	7 34	0 43	5 17	6 6	21 26	0 35	13 37	1 20	18 49	0 48	20 10	0 13	22 10
W18	11 31	22 56	1 18	6 45	0 33	5 28	6 18	21 32	0 34	13 37	1 20	18 50	0 48	20 10	0 13	22 10
T 19	11 9	19 0	0 5	5 55	0 22	5 39	6 30	21 37	0 34	13 37	1 20	18 51	0 48	20 11	0 13	22 10
F 20	10 48	13 57	1s10	5 6	0 10	5 48	6 42	21 43	0 33	13 37	1 20	18 52	0 48	20 11	0 13	22 10
S 21	10 26	8 3	2 23	4 17	0n 3	5 56	6 53	21 48	0 32	13 37	1 20	18 53	0 48	20 11	0 13	22 10
S 22	10 4	1 38	3 28	3 29	0 16	6 3	7 5	21 53	0 31	13 37	1 21	18 54	0 48	20 11	0 13	22 10
M23	9 42	4s56	4 20	2 42	0 29	6 9	7 16	21 58	0 30	13 37	1 21	18 56	0 48	20 11	0 13	22 10
T 24	9 20	11 16	4 55	1 56	0 43	6 13	7 26	22 3	0 30	13 36	1 21	18 57	0 48	20 11	0 13	22 10
W25	8 58	16 56	5 11	1 12	0 57	6 16	7 36	22 7	0 29	13 36	1 21	18 58	0 48	20 11	0 13	22 10
T 26	8 35	21 36	5 7	0 31	1 12	6 18	7 46	22 12	0 28	13 36	1 21	18 59	0 49	20 11	0 13	22 10
F 27	8 13	24 53	4 44	0n 9	1 27	6 18	7 55	22 17	0 27	13 35	1 22	19 0	0 49	20 11	0 13	22 10
S 28	7s50	26s35	4s 5	0n45	1n41	6n17	8n 4	22s21	0n26	13s35	1n22	19n 1	0n49	20s12	0n13	22n10

Julian Day Number = 2475317.5, Delta T = 79.31 sec
 Ecliptic obliquity =

ASTRODIENST EPHEMERIS for the year 2065
geocentric

MARCH 2065

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 37 27	10°57'08	28°16	28°48	26°R46	17°24	10°R11	8°R 3	1°15	27°R 1	26°48	6°1	4°43	4°49	15°51	S 1
M 2	10 41 24	11°57'22	11°345	29°29	26°H19	17°58	10°M10	7°R59	1°15	27°H 1	26°50	6°3	4°40	4°56	15°55	M 2
T 3	10 45 21	12°57'35	24°59	0°Y 1	25°50	18°32	10°9	7°56	1°15	27°1	26°51	6°4	4°37	5°2	15°59	T 3
W 4	10 49 17	13°57'46	8°0	0°25	25°19	19°6	10°7	7°52	1°16	27°1	26°53	6°R 5	4°34	5°9	16°3	W 4
T 5	10 53 14	14°57'56	20°49	0°38	24°46	19°40	10°6	7°49	1°16	27°1	26°54	6°4	4°31	5°16	16°6	T 5
F 6	10 57 10	15°58'03	3°H27	0°R43	24°12	20°13	10°4	7°45	1°R16	27°1	26°56	6°1	4°28	5°22	16°10	F 6
S 7	11 1 7	16°58'09	15°54	0°38	23°37	20°47	10°2	7°42	1°16	27°0	26°57	5°56	4°24	5°29	16°14	S 7
S 8	11 5 3	17°58'13	28°11	0°25	23°1	21°21	9°59	7°39	1°15	27°D 0	26°59	5°49	4°21	5°36	16°18	S 8
M 9	11 9 0	18°58'15	10°Y20	0°2	22°24	21°54	9°57	7°36	1°15	27°1	27°0	5°40	4°18	5°43	16°21	M 9
T 10	11 12 56	19°58'16	22°21	29°H32	21°47	22°27	9°54	7°33	1°15	27°1	27°2	5°32	4°15	5°49	16°25	T 10
W11	11 16 53	20°58'14	4°B16	28°55	21°9	23°1	9°51	7°30	1°15	27°1	27°4	5°23	4°12	5°56	16°29	W11
T 12	11 20 49	21°58'10	16°8	28°11	20°31	23°34	9°48	7°27	1°15	27°1	27°5	5°16	4°8	6°3	16°33	T 12
F 13	11 24 46	22°58'04	27°59	27°22	19°54	24°7	9°45	7°24	1°14	27°1	27°7	5°11	4°5	6°9	16°36	F 13
S 14	11 28 43	23°57'56	9°H54	26°29	19°17	24°40	9°42	7°22	1°14	27°1	27°8	5°8	4°2	6°16	16°40	S 14
S 15	11 32 39	24°57'45	21°58	25°33	18°41	25°12	9°38	7°19	1°13	27°1	27°10	5°D 6	3°59	6°23	16°44	S 15
M16	11 36 36	25°57'33	4°B15	24°36	18°6	25°45	9°34	7°17	1°13	27°2	27°11	5°7	3°56	6°30	16°48	M16
T 17	11 40 32	26°57'18	16°50	23°39	17°32	26°18	9°31	7°15	1°12	27°2	27°13	5°8	3°53	6°36	16°51	T 17
W18	11 44 29	27°57'01	29°48	22°43	17°0	26°50	9°27	7°12	1°12	27°2	27°14	5°R 9	3°49	6°43	16°55	W18
T 19	11 48 25	28°56'41	13°H12	21°49	16°29	27°23	9°22	7°10	1°11	27°3	27°16	5°9	3°46	6°50	16°59	T 19
F 20	11 52 22	29°56'20	27°5	20°58	16°0	27°55	9°18	7°8	1°10	27°3	27°17	5°6	3°43	6°57	17°2	F 20
S 21	11 56 18	0°Y55'56	11°H25	20°11	15°33	28°27	9°13	7°6	1°9	27°4	27°19	5°2	3°40	7°3	17°6	S 21
S 22	12 0 15	1°55'30	26°9	19°28	15°7	28°59	9°9	7°5	1°8	27°4	27°20	4°55	3°37	7°10	17°10	S 22
M23	12 4 12	2°55'02	11°H19	18°51	14°45	29°31	9°4	7°3	1°8	27°5	27°22	4°47	3°33	7°17	17°13	M23
T 24	12 8 8	3°54'32	26°16	18°20	14°24	0°B 2	8°59	7°1	1°7	27°5	27°23	4°38	3°30	7°23	17°17	T 24
W25	12 12 5	4°54'00	11°H20	17°54	14°6	0°B4	8°54	7°0	1°6	27°6	27°25	4°29	3°27	7°30	17°21	W25
T 26	12 16 1	5°53'27	26°12	17°35	13°50	1°6	8°48	6°58	1°5	27°6	27°26	4°22	3°24	7°37	17°24	T 26
F 27	12 19 58	6°52'51	10°H44	17°21	13°37	1°37	8°43	6°57	1°4	27°7	27°28	4°17	3°21	7°44	17°28	F 27
S 28	12 23 54	7°52'14	24°53	17°13	13°26	2°8	8°37	6°56	1°2	27°8	27°30	4°14	3°18	7°50	17°31	S 28
S 29	12 27 51	8°51'36	8°B39	17°D11	13°17	2°39	8°32	6°55	1°1	27°8	27°31	4°D13	3°14	7°57	17°35	S 29
M30	12 31 47	9°50'55	22°1	17°15	13°11	3°10	8°26	6°54	1°0	27°9	27°33	4°14	3°11	8°4	17°39	M30
T 31	12 35 44	10°Y50'13	5°B 4	17°H25	13°H 8	3°B41	8°M20	6°H53	0°H59	27°H10	27°H34	4°R14	3°B 8	8°H10	17°H42	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	7s27	26s37	3s12	1n18	1n56	6n14	8n12	22s25	0n25	13s34	1n22	19n 2	0n49	20s12	0n13	22n10
M 2	7 5	25 3	2 9	1 47	2 10	6 10	8 19	22 29	0 24	13 34	1 22	19 3	0 49	20 12	0 13	22 10
T 3	6 42	22 7	1 0	2 13	2 24	6 5	8 26	22 33	0 23	13 33	1 22	19 4	0 49	20 12	0 13	22 10
W 4	6 18	18 6	0n10	2 34	2 37	5 58	8 32	22 37	0 22	13 33	1 22	19 5	0 49	20 12	0 13	22 10
T 5	5 55	13 18	1 19	2 51	2 49	5 50	8 37	22 40	0 21	13 32	1 23	19 6	0 49	20 12	0 13	22 10
F 6	5 32	8 1	2 23	3 3	3 1	5 40	8 41	22 44	0 20	13 31	1 23	19 7	0 49	20 12	0 13	22 10
S 7	5 9	2 30	3 19	3 10	3 11	5 29	8 44	22 47	0 19	13 30	1 23	19 8	0 49	20 12	0 13	22 10
S 8	4 45	3n 1	4 4	3 13	3 20	5 17	8 46	22 51	0 18	13 29	1 23	19 8	0 49	20 12	0 13	22 10
M 9	4 22	8 21	4 38	3 11	3 27	5 4	8 48	22 54	0 17	13 28	1 23	19 9	0 49	20 12	0 13	22 11
T 10	3 58	13 20	5 0	3 4	3 32	4 50	8 48	22 57	0 16	13 27	1 24	19 10	0 49	20 12	0 13	22 11
W11	3 35	17 45	5 7	2 52	3 36	4 34	8 47	23 0	0 15	13 26	1 24	19 11	0 49	20 12	0 13	22 11
T 12	3 11	21 29	5 2	2 36	3 38	4 18	8 46	23 2	0 14	13 25	1 24	19 12	0 49	20 11	0 13	22 11
F 13	2 47	24 19	4 44	2 16	3 37	4 1	8 43	23 5	0 13	13 24	1 24	19 12	0 49	20 11	0 13	22 11
S 14	2 24	26 6	4 13	1 53	3 35	3 44	8 40	23 8	0 12	13 23	1 24	19 13	0 49	20 11	0 13	22 11
S 15	2 0	26 42	3 31	1 27	3 30	3 26	8 35	23 10	0 11	13 22	1 24	19 14	0 49	20 11	0 13	22 11
M16	1 36	26 0	2 38	0 59	3 24	3 7	8 30	23 12	0 10	13 20	1 25	19 14	0 49	20 11	0 13	22 11
T 17	1 13	23 8	1 37	0 29	3 16	2 48	8 24	23 14	0 8	13 19	1 25	19 15	0 49	20 11	0 13	22 11
W18	0 49	20 39	0 29	0s 2	3 6	2 30	8 16	23 16	0 7	13 17	1 25	19 16	0 49	20 11	0 13	22 11
T 19	0 25	16 10	0s43	0 34	2 55	2 10	8 9	23 18	0 6	13 16	1 25	19 16	0 49	20 11	0 13	22 11
F 20	0 1	10 41	1 55	1 5	2 43	1 51	8 0	23 20	0 5	13 14	1 25	19 17	0 49	20 11	0 13	22 11
S 21	0n22	4 29	3 1	1 36	2 30	1 33	7 51	23 22	0 4	13 13	1 25	19 17	0 49	20 10	0 13	22 11
S 22	0 46	2s 6	3 58	2 5	2 15	1 14	7 41	23 23	0 2	13 11	1 26	19 18	0 49	20 10	0 13	22 11
M23	1 10	8 41	4 39	2 33	2 1	0 56	7 31	23 25	0 1	13 10	1 26	19 18	0 49	20 10	0 13	22 11
T 24	1 33	14 48	5 1	3 0	1 46	0 38	7 20	23 26	0s 0	13 8	1 26	19 19	0 49	20 10	0 13	22 11
W25	1 57	20 0	5 2	3 24	1 30	0 21	7 9	23 28	0 2	13 6	1 26	19 19	0 49	20 10	0 13	22 11
T 26	2 20	23 52	4 43	3 46	1 15	0 4	6 57	23 29	0 3	13 4	1 26	19 19	0 49	20 9	0 13	22 11
F 27	2 44	26 5	4 5	4 5	0 59	0s12	6 46	23 30	0 5	13 3	1 26	19 20	0 49	20 9	0 13	22 12
S 28	3 7	26 33	3 13	4 22	0 44	0 27	6 33	23 31	0 6	13 1	1 26	19 20	0 49	20 9	0 13	22 12
S 29	3 31	25 21	2 12	4 37	0 29	0 42	6 21	23 32	0 7	12 59	1 26	19 20	0 49	20 9	0 13	22 12
M30	3 54	22 42	1 5	4 48	0 15	0 55	6 9	23 33	0 9	12 57	1 26	19 20	0 50	20 8	0 13	22 12
T 31	4n17	18s55	0n 4	4s58	0n 1	1s 8	5n56	23s33	0s10	12s55	1n27	19n21	0n50	20s 8	0n13	22n12

Julian Day Number = 2475345.5, Delta T = 79.34 sec
Ecliptic obliquity = 23°25'56, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°39'02, Lahiri = 24°46'03

ASTRODIENST EPHEMERIS for the year 2065
geocentric

MAY 2065

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 37 57	11♌11'43	22♋4	20♊36	26♋52	17♌53	4♌R36	7♌20	0♌R 1	27♊48	28♋16	1♌R 9	1♌30	11♌39	19♋19	F 1
S 2	14 41 54	12° 9'59	4♊7	22°17	27°39	18°16	4♌29	7°23	29♌59	27°50	28°18	1♌ 0	1°26	11°46	19°21	S 2
S 3	14 45 50	13° 8'13	16° 5	23°59	28°27	18°39	4°21	7°25	29°56	27°52	28°19	0°49	1°23	11°52	19°24	S 3
M 4	14 49 47	14° 6'26	27°59	25°43	29°15	19° 2	4°14	7°28	29°54	27°54	28°20	0°36	1°20	11°59	19°26	M 4
T 5	14 53 43	15° 4'37	9♌51	27°28	0♊5	19°24	4° 6	7°31	29°51	27°55	28°21	0°23	1°17	12° 6	19°29	T 5
W 6	14 57 40	16° 2'46	21°43	29°16	0°55	19°46	3°59	7°34	29°49	27°57	28°22	0° 9	1°14	12°12	19°31	W 6
T 7	15 1 37	17° 0'54	3♊36	1♌ 6	1°45	20° 7	3°52	7°37	29°47	27°59	28°23	29♌57	1°11	12°19	19°33	T 7
F 8	15 5 33	17°59'00	15°31	2°57	2°37	20°28	3°44	7°40	29°44	28° 1	28°24	29°47	1° 7	12°26	19°36	F 8
S 9	15 9 30	18°57'04	27°31	4°50	3°29	20°49	3°37	7°43	29°42	28° 2	28°25	29°40	1° 4	12°33	19°38	S 9
S 10	15 13 26	19°55'07	9♌38	6°45	4°22	21° 9	3°30	7°47	29°39	28° 4	28°26	29°36	1° 1	12°39	19°40	S 10
M 11	15 17 23	20°53'08	21°56	8°42	5°15	21°29	3°23	7°50	29°37	28° 6	28°28	29°35	0°58	12°46	19°42	M 11
T 12	15 21 19	21°51'07	4♌28	10°41	6° 8	21°48	3°16	7°54	29°34	28° 8	28°29	29°D34	0°55	12°53	19°45	T 12
W 13	15 25 16	22°49'04	17°19	12°41	7° 3	22° 7	3° 9	7°57	29°32	28°10	28°30	29°R35	0°51	13° 0	19°47	W 13
T 14	15 29 12	23°46'59	0♊32	14°43	7°58	22°26	3° 2	8° 1	29°29	28°12	28°31	29°35	0°48	13° 6	19°49	T 14
F 15	15 33 9	24°44'52	14°11	16°47	8°53	22°44	2°56	8° 5	29°27	28°14	28°31	29°33	0°45	13°13	19°51	F 15
S 16	15 37 6	25°42'44	28°19	18°52	9°49	23° 2	2°49	8° 9	29°24	28°16	28°32	29°29	0°42	13°20	19°53	S 16
S 17	15 41 2	26°40'34	12♌53	20°59	10°45	23°19	2°42	8°13	29°22	28°18	28°33	29°23	0°39	13°26	19°55	S 17
M 18	15 44 59	27°38'22	27°50	23° 7	11°42	23°36	2°36	8°17	29°19	28°19	28°34	29°16	0°36	13°33	19°57	M 18
T 19	15 48 55	28°36'08	13♌ 2	25°16	12°39	23°52	2°30	8°21	29°17	28°21	28°35	29° 7	0°32	13°40	19°58	T 19
W 20	15 52 52	29°33'53	28°19	27°26	13°36	24° 8	2°24	8°25	29°14	28°23	28°36	28°58	0°29	13°47	20° 0	W 20
T 21	15 56 48	0♊31'37	13♌30	29°37	14°34	24°23	2°18	8°29	29°12	28°25	28°37	28°51	0°26	13°53	20° 2	T 21
F 22	16 0 45	1°29'20	28°25	1♊48	15°33	24°37	2°12	8°34	29° 9	28°28	28°38	28°45	0°23	14° 0	20° 4	F 22
S 23	16 4 41	2°27'01	12♌56	4° 0	16°32	24°52	2° 6	8°38	29° 7	28°30	28°38	28°42	0°20	14° 7	20° 5	S 23
S 24	16 8 38	3°24'42	27° 0	6°12	17°31	25° 5	2° 0	8°43	29° 4	28°32	28°39	28°D41	0°17	14°13	20° 7	S 24
M 25	16 12 35	4°22'21	10♌35	8°23	18°30	25°18	1°55	8°47	29° 2	28°34	28°40	28°41	0°13	14°20	20° 9	M 25
T 26	16 16 31	5°19'59	23°43	10°34	19°30	25°31	1°49	8°52	28°59	28°36	28°41	28°42	0°10	14°27	20°10	T 26
W 27	16 20 28	6°17'36	6♋28	12°44	20°30	25°43	1°44	8°57	28°57	28°38	28°42	28°R43	0° 7	14°34	20°11	W 27
T 28	16 24 24	7°15'13	18°53	14°52	21°31	25°54	1°39	9° 2	28°54	28°40	28°42	28°42	0° 4	14°40	20°13	T 28
F 29	16 28 21	8°12'48	1♊ 4	17° 0	22°32	26° 4	1°34	9° 7	28°52	28°42	28°43	28°39	0° 1	14°47	20°14	F 29
S 30	16 32 17	9°10'22	13° 5	19° 6	23°33	26°15	1°29	9°12	28°50	28°44	28°44	28°35	29♌57	14°54	20°15	S 30
S 31	16 36 14	10♊ 7'56	24♊59	21♊10	24♊34	26♌24	1♌24	9♌17	28♌47	28♊46	28♋44	28♌38	29♌54	15♌ 0	20♋17	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	decl	lat
F 1	15n11	0n26	3n54	5n43	2s30	0s55	0n21	23s26	1s12	11s41	1n27	19n14	0n50	19s56	0n13	22n14	1s11	14s53	15s30	19s54	19s49	20n 8	0n 1	4n37					
S 2	15 29	5 44	4 28	6 24	2 26	0 44	0 13	23 25	1 15	11 39	1 27	19 13	0 50	19 56	0 13	22 14	1 11	14 52	15 30	19 56	19 50	20 10	0 2	4 37					
S 3	15 47	10 47	4 50	7 6	2 22	0 32	0 6	23 25	1 17	11 36	1 27	19 13	0 50	19 55	0 13	22 14	1 11	14 52	15 31	19 58	19 51	20 12	0 3	4 37					
M 4	16 4	15 25	5 0	7 49	2 16	0 19	0s 1	23 24	1 20	11 34	1 27	19 12	0 50	19 55	0 13	22 14	1 11	14 52	15 31	20 1	19 51	20 14	0 5	4 37					
T 5	16 21	19 26	4 56	8 32	2 11	0 6	0 8	23 23	1 23	11 32	1 27	19 11	0 50	19 54	0 13	22 14	1 11	14 52	15 31	20 4	19 52	20 16	0 6	4 38					
W 6	16 38	22 41	4 40	9 16	2 5	0n 8	0 15	23 23	1 25	11 29	1 26	19 10	0 50	19 54	0 13	22 14	1 11	14 52	15 31	20 7	19 53	20 18	0 7	4 38					
T 7	16 55	24 58	4 11	10 0	1 58	0 22	0 22	23 23	1 28	11 27	1 26	19 10	0 50	19 53	0 13	22 14	1 11	14 51	15 32	20 9	19 53	20 20	0 8	4 38					
F 8	17 11	26 8	3 31	10 45	1 51	0 36	0 29	23 22	1 31	11 25	1 26	19 9	0 50	19 53	0 13	22 14	1 11	14 51	15 32	20 11	19 54	20 22	0 9	4 38					
S 9	17 27	26 6	2 41	11 31	1 43	0 51	0 35	23 22	1 34	11 22	1 26	19 8	0 50	19 52	0 13	22 14	1 11	14 51	15 32	20 13	19 55	20 24	0 10	4 38					
S 10	17 43	24 48	1 44	12 16	1 35	1 6	0 41	23 22	1 37	11 20	1 26	19 7	0 50	19 52	0 13	22 14	1 11	14 51	15 33	20 14	19 56	20 26	0 11	4 38					
M 11	17 58	22 19	0 41	13 2	1 27	1 22	0 47	23 22	1 40	11 18	1 26	19 6	0 50	19 51	0 13	22 14	1 11	14 51	15 33	20 14	19 56	20 28	0 12	4 39					
T 12	18 13	18 43	0s26	13 47	1 18	1 38	0 53	23 21	1 43	11 15	1 26	19 5	0 50	19 51	0 13	22 15	1 11	14 51	15 33	20 14	19 57	20 29	0 13	4 39					
W 13	18 28	14 10	1 33	14 33	1 9	1 54	0 58	23 21	1 46	11 13	1 25	19 4	0 50	19 50	0 13	22 15	1 11	14 51	15 33	20 14	19 58	20 31	0 14	4 39					
T 14	18 43	8 50	2 37	15 18	0 59	2 11	1 4	23 21	1 49	11 11	1 25	19 3	0 50	19 50	0 13	22 15	1 11	14 50	15 34	20 14	19 58	20 33	0 15	4 39					
F 15	18 57	2 55	3 34	16 3	0 49	2 28	1 9	23 22	1 52	11 9	1 25	19 2	0 50	19 49	0 13	22 15	1 11	14 50	15 34	20 14	19 59	20 35	0 16	4 39					
S 16	19 11	3s19	4 20	16 48	0 39	2 45	1 14	23 22	1 55	11 7	1 25	19 1	0 50	19 49	0 13	22 15	1 10	14 50	15 34	20 15	20 0	20 37	0 17	4 39					
S 17	19 24	9 33	4 51	17 32	0 29	3 3	1 19	23 22	1 59	11 5	1 25	19 0	0 50	19 48	0 13	22 15	1 10	14 50	15 35	20 16	20 0	20 39	0 18	4 40					
M 18	19 38	15 25	5 4	18 15	0 19	3 20	1 24	23 22	2 2	11 3	1 25	18 59	0 50	19 48	0 13	22 15	1 10	14 50	15 35	20 18	20 1	20 41	0 19	4 40					
T 19	19 51	20 26	4 55	18 57	0 8	3 39	1 28	23 23	2 5	11 1	1 25	18 58	0 50	19 47	0 13	22 15	1 10	14 50	15 35	20 20	20 2	20 43	0 19	4 40					
W 20	20 3	24 5	4 25	19 37	0n 3	3 57	1 32	23 23	2 9	10 59	1 24	18 57	0 50	19 46	0 13	22 15	1 10	14 50	15 36	20 22	20 2	20 45	0 20	4 40					
T 21	20 15	26 0	3 37	20 16	0 13	4 15	1 37	23 24	2 12	10 57	1 24	18 56	0 50	19 46	0 13	22 15	1 10	14 50	15 36	20 23	20 3	20 46	0 21	4 40					
F 22	20 27	26 0	2 34	20 54	0 23	4 34	1 41	23 25	2 16	10 55	1 24	18 55	0 50	19 45	0 13	22 15	1 10	14 50	15 36	20 24	20 4	20 48	0 22	4 41					
S 23	20 39	24 11	1 23	21 30	0 34	4 53	1 44	23 26	2 19	10 53	1 24	18 54	0 50	19 45	0 13	22 15	1 10	14 50	15 37	20 25	20 4	20 50	0 23	4 41					
S 24	20 50	20 54	0 9	22 3	0 44	5 12	1 48	23 27	2 23	10 52	1 24	18 53	0 50	19 44	0 13	22 15	1 10	14 50	15 37	20 25	20 5	20 52	0 24	4 41					
M 25	21 1	16 34	1n 3	22 35	0 53	5 32	1 52	23 28	2 26	10 50	1 23	18 51	0 50	19 44	0 13	22 15	1 10	14 50	15 37	20 25	20 6	20 54	0 24	4 41					
T 26	21 11	11 34	2 10	23 3	1 3	5 51	1 55	23 29	2 30	10 48	1 23	18 50	0 50	19 43	0 13	22 15	1 10	14 50	15 38	20 25	20 6	20 56	0 25	4 41					
W 27	21 21	6 13	3 8	23 30	1 11	6 11	1 58	23 31	2 34	10 46	1 23	18 49	0 50	19 43	0 13	22 15	1 10	14 50	15 38	20 25	20 7	20 57	0 26	4 42					
T 28	21 31	0 46	3 56	23 54	1 20	6 31	2 1	23 33	2 38	10 45	1 23	18 48	0 50	19 42	0 13	22 15	1 10	14 50	15 38	20 25	20 8	20 59	0 27	4 42					
F 29	21 40	4n35	4 32	24 15	1 28	6 51	2 4	23 34	2 42	10 43	1 22	18 46	0 50	19 42	0 13	22 15	1 10	14 50	15 39	20 25	20 9	21 1	0 27	4 42					
S 30	21 49	9 42	4 56	24 33	1 35	7 11	2 7	23 36	2 46	10 42	1 22	18 45	0 50	19 41	0 13	22 15	1 10	14 50	15 39	20 26	20 9	21 3	0 28	4 42					
S 31	21n58	14n25	5n 6	24n49	1n41	7n31	2s 9	23s38	2s49	10s41	1n22	18n44	0n50	19s41	0n13	22n15	1s10	14s50	15s39	20s28	20s10	21n 5	0n29	4n42					

ASTRODIENST EPHEMERIS for the year 2065
geocentric

JUNE 2065

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
M 1	16 40 10	11 ^{II} 5'29	6 [♋] 51	23 ^{II} 12	25 [♋] 36	26 [♌] 33	1°R20	9 [♎] 22	28°R45	28 ^{II} 48	28 [♈] 45	28°R20	29 [♋] 51	15 [♈] 7	20 [♈] 18	M 1
T 2	16 44 7	12° 3'00	18°42	25°12	26°38	26°41	1 [♎] 15	9°27	28 [♎] 42	28°51	28°45	28 [♋] 11	29°48	15°14	20°19	T 2
W 3	16 48 4	13° 0'31	0 ^{II} 36	27°10	27°40	26°48	1°11	9°32	28°40	28°53	28°46	28° 3	29°45	15°21	20°20	W 3
T 4	16 52 0	13°58'01	12°33	29° 6	28°43	26°55	1° 7	9°38	28°37	28°55	28°47	27°55	29°42	15°27	20°21	T 4
F 5	16 55 57	14°55'30	24°35	0 [♋] 59	29°45	27° 1	1° 3	9°43	28°35	28°57	28°47	27°49	29°38	15°34	20°22	F 5
S 6	16 59 53	15°52'58	6 [♋] 45	2°49	0 [♋] 48	27° 6	0°59	9°49	28°33	28°59	28°48	27°45	29°35	15°41	20°23	S 6
S 7	17 3 50	16°50'25	19° 3	4°37	1°51	27°11	0°56	9°54	28°30	29° 2	28°48	27°43	29°32	15°48	20°24	S 7
M 8	17 7 46	17°47'51	1 [♎] 32	6°23	2°55	27°15	0°52	10° 0	28°28	29° 4	28°49	27°D42	29°29	15°54	20°25	M 8
T 9	17 11 43	18°45'16	14°13	8° 6	3°58	27°18	0°49	10° 6	28°26	29° 6	28°49	27°43	29°26	16° 1	20°26	T 9
W10	17 15 39	19°42'40	27°11	9°46	5° 2	27°20	0°46	10°12	28°23	29° 8	28°49	27°45	29°22	16° 8	20°26	W10
T 11	17 19 36	20°40'03	10 [♎] 27	11°23	6° 6	27°22	0°43	10°17	28°21	29°10	28°50	27°46	29°19	16°14	20°27	T 11
F 12	17 23 33	21°37'24	24° 4	12°58	7°11	27°23	0°40	10°23	28°19	29°13	28°50	27°R46	29°16	16°21	20°28	F 12
S 13	17 27 29	22°34'45	8 [♎] 2	14°30	8°15	27°R23	0°38	10°29	28°17	29°15	28°51	27°45	29°13	16°28	20°28	S 13
S 14	17 31 26	23°32'04	22°23	16° 0	9°20	27°23	0°35	10°35	28°15	29°17	28°51	27°43	29°10	16°35	20°29	S 14
M15	17 35 22	24°29'23	7 [♎] 2	17°26	10°24	27°21	0°33	10°41	28°12	29°19	28°51	27°39	29° 7	16°41	20°29	M15
T 16	17 39 19	25°26'41	21°55	18°50	11°29	27°19	0°31	10°48	28°10	29°21	28°52	27°35	29° 3	16°48	20°29	T 16
W17	17 43 15	26°23'58	6 [♎] 55	20°11	12°35	27°17	0°29	10°54	28° 8	29°24	28°52	27°31	29° 0	16°55	20°30	W17
T 18	17 47 12	27°21'14	21°52	21°29	13°40	27°13	0°28	11° 0	28° 6	29°26	28°52	27°27	28°57	17° 1	20°30	T 18
F 19	17 51 8	28°18'30	6 [♋] 38	22°45	14°45	27° 9	0°26	11° 6	28° 4	29°28	28°52	27°24	28°54	17° 8	20°30	F 19
S 20	17 55 5	29°15'45	21° 6	23°57	15°51	27° 4	0°25	11°13	28° 2	29°30	28°53	27°D23	28°51	17°15	20°30	S 20
S 21	17 59 2	0 [♋] 13'00	5 [♎] 11	25° 6	16°57	26°59	0°24	11°19	28° 0	29°33	28°53	27°23	28°48	17°22	20°31	S 21
M22	18 2 58	1°10'15	18°49	26°13	18° 3	26°52	0°23	11°26	27°58	29°35	28°53	27°24	28°44	17°28	20°31	M22
T 23	18 6 55	2° 7'29	2 [♈] 3	27°16	19° 9	26°45	0°22	11°32	27°56	29°37	28°53	27°26	28°41	17°35	20°R31	T 23
W24	18 10 51	3° 4'43	14°52	28°16	20°16	26°37	0°21	11°39	27°54	29°39	28°53	27°27	28°38	17°42	20°31	W24
T 25	18 14 48	4° 1'57	27°22	29°12	21°22	26°28	0°21	11°45	27°52	29°42	28°53	27°28	28°35	17°48	20°30	T 25
F 26	18 18 44	4°59'11	9 [♋] 35	0 [♎] 5	22°29	26°19	0°21	11°52	27°50	29°44	28°53	27°R28	28°32	17°55	20°30	F 26
S 27	18 22 41	5°56'25	21°37	0°55	23°35	26° 9	0°D21	11°59	27°49	29°46	28°53	27°27	28°28	18° 2	20°30	S 27
S 28	18 26 37	6°53'38	3 [♋] 31	1°41	24°42	25°59	0°21	12° 5	27°47	29°48	28°R53	27°25	28°25	18° 9	20°30	S 28
M29	18 30 34	7°50'52	15°23	2°23	25°49	25°47	0°21	12°12	27°45	29°50	28°53	27°23	28°22	18°15	20°30	M29
T 30	18 34 31	8° [♋] 48'06	27 [♋] 16	3 [♎] 1	26 [♋] 56	25 [♋] 35	0 [♎] 22	12 [♎] 19	27 [♎] 43	29 ^{II} 53	28 [♈] 53	27 [♋] 20	28 [♋] 19	18 [♋] 22	20 [♈] 29	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	22n 6	18n34	5n 4	25n 2	1n47	7n51	2s12	23s41	2s53	10s39	1n22	18n42	0n50	19s40	0n13	22n16	1s10	14s50	15s40	20s29	20s11	21n 6	0n29	4n43	
T 2	22 14	21 59	4 48	25 12	1 52	8 11	2 14	23 43	2 58	10 38	1 22	18 41	0 50	19 40	0 13	22 16	1 10	14 50	15 40	20 31	20 11	21 8	0 30	4 43	
W 3	22 21	24 30	4 19	25 20	1 56	8 31	2 16	23 46	3 2	10 37	1 21	18 39	0 50	19 39	0 13	22 16	1 10	14 50	15 40	20 33	20 12	21 10	0 31	4 43	
T 4	22 28	25 55	3 39	25 25	2 0	8 51	2 18	23 48	3 6	10 35	1 21	18 38	0 50	19 39	0 13	22 16	1 10	14 50	15 41	20 34	20 13	21 12	0 31	4 43	
F 5	22 35	26 9	2 49	25 28	2 2	9 12	2 20	23 51	3 10	10 34	1 21	18 37	0 50	19 38	0 13	22 16	1 10	14 51	15 41	20 36	20 13	21 14	0 32	4 43	
S 6	22 41	25 7	1 51	25 28	2 4	9 32	2 22	23 54	3 14	10 33	1 21	18 35	0 50	19 38	0 13	22 16	1 10	14 51	15 41	20 36	20 14	21 15	0 32	4 44	
S 7	22 47	22 51	0 47	25 26	2 5	9 52	2 23	23 58	3 18	10 32	1 20	18 34	0 50	19 37	0 13	22 16	1 10	14 51	15 42	20 37	20 15	21 17	0 33	4 44	
M 8	22 52	19 29	0s21	25 22	2 6	10 13	2 25	24 1	3 23	10 31	1 20	18 32	0 50	19 37	0 13	22 16	1 10	14 51	15 42	20 37	20 15	21 19	0 33	4 44	
T 9	22 57	15 9	1 29	25 16	2 6	10 33	2 26	24 5	3 27	10 30	1 20	18 31	0 50	19 36	0 13	22 16	1 10	14 51	15 43	20 37	20 16	21 21	0 34	4 44	
W10	23 2	10 3	2 33	25 8	2 4	10 53	2 27	24 8	3 31	10 30	1 20	18 29	0 50	19 36	0 12	22 16	1 10	14 51	15 43	20 36	20 17	21 22	0 34	4 44	
T 11	23 6	4 23	3 32	24 59	2 3	11 13	2 28	24 12	3 36	10 29	1 19	18 27	0 50	19 35	0 12	22 16	1 10	14 51	15 43	20 36	20 17	21 24	0 35	4 45	
F 12	23 10	1s37	4 19	24 47	2 0	11 33	2 29	24 16	3 40	10 28	1 19	18 26	0 50	19 35	0 12	22 16	1 10	14 52	15 44	20 36	20 18	21 26	0 35	4 45	
S 13	23 13	7 41	4 53	24 35	1 57	11 53	2 30	24 21	3 45	10 27	1 19	18 24	0 50	19 34	0 12	22 16	1 10	14 52	15 44	20 36	20 18	21 28	0 36	4 45	
S 14	23 16	13 30	5 10	24 20	1 53	12 13	2 31	24 25	3 49	10 27	1 19	18 23	0 50	19 34	0 12	22 16	1 10	14 52	15 44	20 37	20 19	21 29	0 36	4 45	
M15	23 19	18 42	5 7	24 5	1 48	12 33	2 31	24 30	3 53	10 26	1 18	18 21	0 50	19 33	0 12	22 16	1 10	14 52	15 45	20 37	20 20	21 31	0 36	4 45	
T 16	23 21	22 49	4 44	23 48	1 42	12 52	2 32	24 35	3 58	10 26	1 18	18 19	0 50	19 33	0 12	22 16	1 10	14 52	15 45	20 38	20 20	21 33	0 37	4 46	
W17	23 23	25 25	4 1	23 30	1 36	13 12	2 32	24 39	4 2	10 25	1 18	18 18	0 50	19 32	0 12	22 16	1 10	14 53	15 45	20 39	20 21	21 34	0 37	4 46	
T 18	23 24	26 13	3 2	23 11	1 29	13 31	2 32	24 45	4 7	10 25	1 18	18 16	0 50	19 32	0 12	22 16	1 10	14 53	15 46	20 40	20 22	21 36	0 37	4 46	
F 19	23 25	25 7	1 51	22 52	1 22	13 50	2 32	24 50	4 11	10 25	1 17	18 14	0 50	19 31	0 12	22 16	1 10	14 53	15 46	20 40	20 22	21 38	0 38	4 46	
S 20	23 26	22 21	0 34	22 31	1 14	14 9	2 32	24 55	4 16	10 25	1 17	18 13	0 50	19 31	0 12	22 16	1 10	14 53	15 47	20 41	20 23	21 39	0 38	4 47	
S 21	23 26	18 17	0n43	22 10	1 5	14 28	2 32	25 1	4 20	10 25	1 17	18 11	0 50	19 30	0 12	22 16	1 10	14 54	15 47	20 41	20 24	21 41	0 38	4 47	
M22	23 26	13 21	1 55	21 49	0 56	14 46	2 32	25 6	4 25	10 24	1 17	18 9	0 50	19 30	0 12	22 16	1 10	14 54	15 47	20 40	20 24	21 43	0 38	4 47	
T 23	23 25	7 57	2 59	21 27	0 46	15 5	2 31	25 12	4 29	10 24	1 16	18 7	0 50	19 30	0 12	22 16	1 10	14 54	15 48	20 40	20 25	21 44	0 39	4 47	
W24	23 24	2 23	3 52	21 5	0 35	15 23	2 31	25 18	4 34	10 24	1 16	18 6	0 50	19 29	0 12	22 16	1 10	14 55	15 48	20 40	20 26	21 46	0 39	4 47	
T 25	23 22	3n 7	4 32	20 42	0 24	15 41	2 30	25 24	4 38	10 25	1 16	18 4	0 50	19 29	0 12	22 16	1 10	14 55	15 48	20 40	20 26	21 48	0 39	4 48	
F 26	23 20	8 23	4 59	20 20	0 12	15 58	2 29	25 30	4 42	10 25	1 15	18 2	0 50	19 28	0 12	22 16	1 10	14 55	15 49	20 40	20 27	21 49	0 39	4 48	
S 27	23 18	13 15	5 13	19 57	0 0	16 16	2 29	25 36	4 47	10 25	1 15	18 0	0 50	19 28	0 12	22 16	1 10	14 56	15 49	20 40	20 28	21 51	0 39	4 48	
S 28	23 15	17 35	5 13	19 35	0s13	16 33	2 28	25 42	4 51	10 25	1 15	17 58	0 50	19 28	0 12	22 16	1 10	14 56	15 50	20 40	20 28	21 53	0 39	4 48	
M29	23 12	21 12	4 59	19 12	0 26	16 50	2 27	25 48	4 55	10 26	1 15	17 56	0 50	19 27	0 12	22 16	1 10	14 56	15 50	20 41	20 29	21 54	0 39	4 48	
T 30	23n 8	23n58	4n33	18n50	0s39	17n 6	2s26	25s55	4s59	10s26	1n14	17n54	0n50	19s27	0n12	22n16	1s10	14s57	15s50	20s41	20s30	21n56	0n39	4n49	

ASTRODIENST EPHEMERIS for the year 2065
geocentric

JULY 2065

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 38 27	9♂45'20	9♂12	3♂36	28♂ 4	25°R23	0♂22	12♂26	27°R42	29♂55	28°R53	27°R17	28♂16	18♂29	20°R29	W 1
T 2	18 42 24	10°42'34	21°16	4° 6	29°11	25♂10	0°23	12°33	27♂40	29°57	28♂53	27♂15	28°13	18°35	20♂28	T 2
F 3	18 46 20	11°39'48	3♂28	4°32	0♂19	24°56	0°24	12°40	27°39	29°59	28°53	27°13	28° 9	18°42	20°28	F 3
S 4	18 50 17	12°37'02	15°50	4°54	1°26	24°42	0°25	12°47	27°37	0♂ 2	28°53	27°12	28° 6	18°49	20°27	S 4
S 5	18 54 13	13°34'16	28°25	5°11	2°34	24°27	0°27	12°54	27°36	0° 4	28°53	27°D12	28° 3	18°56	20°26	S 5
M 6	18 58 10	14°31'30	11♂11	5°24	3°42	24°12	0°28	13° 1	27°34	0° 6	28°53	27°12	28° 0	19° 2	20°26	M 6
T 7	19 2 7	15°28'43	24°12	5°32	4°50	23°56	0°30	13° 8	27°33	0° 8	28°52	27°13	27°57	19° 9	20°25	T 7
W 8	19 6 3	16°25'57	7♂26	5°R35	5°58	23°41	0°32	13°15	27°31	0°10	28°52	27°14	27°54	19°16	20°24	W 8
T 9	19 10 0	17°23'10	20°54	5°34	7° 6	23°24	0°34	13°22	27°30	0°12	28°52	27°15	27°50	19°22	20°23	T 9
F 10	19 13 56	18°20'23	4♂38	5°28	8°15	23° 8	0°36	13°29	27°29	0°15	28°52	27°15	27°47	19°29	20°22	F 10
S 11	19 17 53	19°17'36	18°35	5°17	9°23	22°51	0°39	13°37	27°28	0°17	28°51	27°R15	27°44	19°36	20°22	S 11
S 12	19 21 49	20°14'48	2♂47	5° 2	10°31	22°34	0°41	13°44	27°26	0°19	28°51	27°15	27°41	19°43	20°21	S 12
M13	19 25 46	21°12'01	17°10	4°43	11°40	22°17	0°44	13°51	27°25	0°21	28°51	27°15	27°38	19°49	20°19	M13
T 14	19 29 42	22° 9'14	1♂40	4°19	12°49	22° 0	0°47	13°58	27°24	0°23	28°51	27°14	27°34	19°56	20°18	T 14
W15	19 33 39	23° 6'27	16°15	3°51	13°58	21°43	0°50	14° 6	27°23	0°25	28°50	27°14	27°31	20° 3	20°17	W15
T 16	19 37 36	24° 3'40	0♂47	3°20	15° 6	21°26	0°54	14°13	27°22	0°27	28°50	27°14	27°28	20° 9	20°16	T 16
F 17	19 41 32	25° 0'53	15°11	2°45	16°15	21° 8	0°57	14°21	27°21	0°29	28°49	27°13	27°25	20°16	20°15	F 17
S 18	19 45 29	25°58'06	29°23	2° 8	17°25	20°51	1° 1	14°28	27°20	0°31	28°49	27°D13	27°22	20°23	20°13	S 18
S 19	19 49 25	26°55'20	13♂17	1°29	18°34	20°34	1° 4	14°35	27°19	0°33	28°49	27°R13	27°19	20°30	20°12	S 19
M20	19 53 22	27°52'34	26°50	0°49	19°43	20°17	1° 8	14°43	27°18	0°36	28°48	27°13	27°15	20°36	20°11	M20
T 21	19 57 18	28°49'49	10♂ 2	0° 8	20°52	20° 1	1°12	14°50	27°18	0°38	28°48	27°13	27°12	20°43	20° 9	T 21
W22	20 1 15	29°47'05	22°53	29♂27	22° 2	19°44	1°17	14°58	27°17	0°40	28°47	27°13	27° 9	20°50	20° 8	W22
T 23	20 5 11	0♂44'21	5°R25	28°46	23°11	19°28	1°21	15° 5	27°16	0°42	28°47	27°13	27° 6	20°56	20° 6	T 23
F 24	20 9 8	1°41'38	17°40	28° 7	24°21	19°12	1°26	15°13	27°16	0°44	28°46	27°12	27° 3	21° 3	20° 5	F 24
S 25	20 13 5	2°38'56	29°44	27°30	25°31	18°57	1°30	15°21	27°15	0°46	28°45	27°D12	27° 0	21°10	20° 3	S 25
S 26	20 17 1	3°36'15	11♂39	26°56	26°41	18°42	1°35	15°28	27°15	0°47	28°45	27°12	26°56	21°17	20° 1	S 26
M27	20 20 58	4°33'35	23°32	26°25	27°51	18°27	1°40	15°36	27°14	0°49	28°44	27°13	26°53	21°23	20° 0	M27
T 28	20 24 54	5°30'55	5♂26	25°59	29° 1	18°13	1°46	15°43	27°14	0°51	28°44	27°13	26°50	21°30	19°58	T 28
W29	20 28 51	6°28'17	17°25	25°37	0♂11	18° 0	1°51	15°51	27°13	0°53	28°43	27°14	26°47	21°37	19°56	W29
T 30	20 32 47	7°25'40	29°34	25°20	1°21	17°47	1°56	15°59	27°13	0°55	28°42	27°15	26°44	21°43	19°54	T 30
F 31	20 36 44	8♂23'03	11♂55	25♂ 9	2♂31	17♂34	2♂ 2	16♂ 6	27♂13	0♂57	28♂42	27♂16	26♂40	21♂50	19♂52	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
W 1	23n 4	25n41	3n55	18n29	0s53	17n22	2s25	26s 1	5s 3	10s27	1n14	17n53	0n50	19s27	0n12	22n16
T 2	23 0	26 14	3 6	18 8	1 8	17 38	2 23	26 8	5 7	10 27	1 14	17 51	0 50	19 26	0 12	22 16
F 3	22 55	25 30	2 7	17 47	1 22	17 54	2 22	26 14	5 11	10 28	1 14	17 49	0 51	19 26	0 12	22 16
S 4	22 50	23 31	1 2	17 28	1 37	18 9	2 20	26 20	5 15	10 28	1 13	17 47	0 51	19 26	0 12	22 16
S 5	22 44	20 22	0s 7	17 9	1 52	18 24	2 19	26 27	5 18	10 29	1 13	17 45	0 51	19 25	0 12	22 16
M 6	22 38	16 11	1 17	16 51	2 8	18 38	2 17	26 33	5 22	10 30	1 13	17 43	0 51	19 25	0 12	22 16
T 7	22 32	11 11	2 24	16 34	2 23	18 52	2 16	26 39	5 25	10 31	1 12	17 41	0 51	19 25	0 12	22 16
W 8	22 25	5 37	3 25	16 19	2 38	19 6	2 14	26 45	5 29	10 32	1 12	17 39	0 51	19 24	0 12	22 16
T 9	22 18	0s19	4 15	16 4	2 53	19 19	2 12	26 51	5 32	10 33	1 12	17 37	0 51	19 24	0 12	22 16
F 10	22 11	6 19	4 52	15 51	3 8	19 32	2 10	26 57	5 35	10 34	1 12	17 35	0 51	19 24	0 12	22 16
S 11	22 3	12 6	5 13	15 40	3 23	19 44	2 8	27 3	5 38	10 35	1 11	17 33	0 51	19 24	0 12	22 16
S 12	21 54	17 22	5 15	15 30	3 36	19 56	2 6	27 9	5 41	10 36	1 11	17 31	0 51	19 23	0 12	22 16
M13	21 46	21 43	4 58	15 22	3 50	20 8	2 4	27 14	5 44	10 37	1 11	17 29	0 51	19 23	0 12	22 16
T 14	21 37	24 45	4 21	15 15	4 2	20 19	2 2	27 19	5 46	10 38	1 11	17 27	0 51	19 23	0 12	22 16
W15	21 27	26 10	3 28	15 10	4 14	20 29	2 0	27 25	5 48	10 40	1 10	17 24	0 51	19 23	0 12	22 16
T 16	21 17	25 47	2 21	15 7	4 24	20 39	1 57	27 30	5 51	10 41	1 10	17 22	0 51	19 22	0 12	22 16
F 17	21 7	23 40	1 6	15 5	4 34	20 49	1 55	27 34	5 53	10 43	1 10	17 20	0 51	19 22	0 12	22 16
S 18	20 57	20 5	0n12	15 6	4 42	20 58	1 53	27 39	5 55	10 44	1 10	17 18	0 51	19 22	0 12	22 16
S 19	20 46	15 25	1 28	15 8	4 48	21 7	1 50	27 43	5 56	10 46	1 9	17 16	0 51	19 22	0 12	22 16
M20	20 35	10 6	2 37	15 12	4 53	21 15	1 48	27 48	5 58	10 47	1 9	17 14	0 51	19 22	0 12	22 16
T 21	20 23	4 28	3 36	15 17	4 57	21 22	1 45	27 52	5 59	10 49	1 9	17 12	0 51	19 21	0 12	22 16
W22	20 11	1n11	4 22	15 24	4 58	21 29	1 42	27 55	6 0	10 51	1 8	17 10	0 51	19 21	0 12	22 16
T 23	19 59	6 39	4 54	15 32	4 58	21 36	1 40	27 59	6 1	10 52	1 8	17 7	0 51	19 21	0 12	22 16
F 24	19 47	11 44	5 12	15 41	4 56	21 42	1 37	28 2	6 2	10 54	1 8	17 5	0 52	19 21	0 12	22 16
S 25	19 34	16 18	5 17	15 52	4 53	21 47	1 34	28 5	6 3	10 56	1 8	17 3	0 52	19 21	0 12	22 16
S 26	19 21	20 11	5 7	16 4	4 48	21 52	1 31	28 8	6 4	10 58	1 7	17 1	0 52	19 21	0 12	22 16
M27	19 7	23 14	4 44	16 16	4 41	21 56	1 29	28 10	6 4	11 0	1 7	16 59	0 52	19 21	0 12	22 16
T 28	18 53	25 17	4 9	16 29	4 32	22 0	1 26	28 12	6 4	11 2	1 7	16 57	0 52	19 21	0 12	22 16
W29	18 39	26 12	3 23	16 42	4 23	22 3	1 23	28 14	6 4	11 4	1 7	16 54	0 52	19 21	0 12	22 16
T 30	18 25	25 53	2 27	16 56	4 12	22 6	1 20	28 16	6 4	11 6	1 6	16 52	0 52	19 21	0 12	22 16
F 31	18n10	24n17	1n24	17n10	4s 0	22n 8	1s17	28s18	6s 4	11s 8	1n 6	16n50	0n52	19s20	0n12	22n16

Julian Day Number = 2475467.5, Delta T = 79.45 sec
Ecliptic obliquity = 23°25'55, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°39'19, Lahiri = 24°46'20

ASTRODIENST EPHEMERIS for the year 2065
geocentric

AUGUST 2065

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 40 40	9♂20'28	24♂31	25°D 3	3♂42	17°R22	2♂ 8	16♂14	27°R12	0♂59	28°R41	27°R16	26♂37	21♂57	19°R50	S 1
S 2	20 44 37	10°17'53	7♂23	25♂ 4	4°52	17♂11	2°14	16°22	27♂12	1° 1	28♂40	27♂16	26°34	22° 4	19♂48	S 2
M 3	20 48 34	11°15'19	20°32	25°11	6° 2	17° 1	2°20	16°29	27°12	1° 2	28°39	27°15	26°31	22°10	19°46	M 3
T 4	20 52 30	12°12'46	3♂36	25°24	7°13	16°51	2°26	16°37	27°12	1° 4	28°39	27°14	26°28	22°17	19°44	T 4
W 5	20 56 27	13°10'14	17°35	25°43	8°24	16°42	2°32	16°45	27°D12	1° 6	28°38	27°12	26°25	22°24	19°42	W 5
T 6	21 0 23	14° 7'43	1♂26	26°10	9°34	16°34	2°39	16°52	27°12	1° 8	28°37	27°10	26°21	22°30	19°40	T 6
F 7	21 4 20	15° 5'12	15°26	26°42	10°45	16°26	2°46	17° 0	27°12	1°10	28°36	27° 8	26°18	22°37	19°38	F 7
S 8	21 8 16	16° 2'42	29°33	27°22	11°56	16°20	2°52	17° 8	27°12	1°11	28°36	27° 6	26°15	22°44	19°36	S 8
S 9	21 12 13	17° 0'13	13♂45	28° 7	13° 7	16°14	2°59	17°15	27°12	1°13	28°35	27°D 5	26°12	22°50	19°34	S 9
M10	21 16 9	17°57'45	27°59	28°59	14°18	16° 9	3° 6	17°23	27°13	1°15	28°34	27° 6	26° 9	22°57	19°31	M10
T 11	21 20 6	18°55'17	12♂12	29°58	15°29	16° 4	3°14	17°31	27°13	1°16	28°33	27° 7	26° 6	23° 4	19°29	T 11
W12	21 24 3	19°52'51	26°22	1♂ 2	16°40	16° 1	3°21	17°39	27°13	1°18	28°32	27° 8	26° 2	23°11	19°27	W12
T 13	21 27 59	20°50'25	10♂27	2°12	17°52	15°58	3°28	17°46	27°14	1°19	28°31	27° 9	25°59	23°17	19°24	T 13
F 14	21 31 56	21°48'00	24°25	3°28	19° 3	15°57	3°36	17°54	27°14	1°21	28°30	27°R10	25°56	23°24	19°22	F 14
S 15	21 35 52	22°45'36	8♂12	4°50	20°14	15°56	3°44	18° 2	27°15	1°23	28°29	27°10	25°53	23°31	19°20	S 15
S 16	21 39 49	23°43'14	21°46	6°16	21°26	15°D56	3°51	18° 9	27°15	1°24	28°28	27° 8	25°50	23°37	19°17	S 16
M17	21 43 45	24°40'52	5♂ 5	7°48	22°37	15°56	3°59	18°17	27°16	1°26	28°27	27° 5	25°46	23°44	19°15	M17
T 18	21 47 42	25°38'32	18° 7	9°24	23°49	15°58	4° 7	18°25	27°16	1°27	28°26	27° 1	25°43	23°51	19°12	T 18
W19	21 51 38	26°36'13	0♂52	11° 4	25° 0	16° 0	4°16	18°32	27°17	1°29	28°25	26°56	25°40	23°58	19°10	W19
T 20	21 55 35	27°33'56	13°21	12°47	26°12	16° 3	4°24	18°40	27°18	1°30	28°24	26°51	25°37	24° 4	19° 7	T 20
F 21	21 59 32	28°31'40	25°36	14°34	27°24	16° 7	4°32	18°47	27°19	1°31	28°23	26°47	25°34	24°11	19° 5	F 21
S 22	22 3 28	29°29'26	7♂39	16°24	28°36	16°12	4°41	18°55	27°20	1°33	28°22	26°44	25°31	24°18	19° 2	S 22
S 23	22 7 25	0♂27'13	19°35	18°17	29°48	16°18	4°49	19° 3	27°20	1°34	28°21	26°41	25°27	24°24	18°59	S 23
M24	22 11 21	1°25'03	1♂27	20°11	1♂ 0	16°24	4°58	19°10	27°21	1°35	28°20	26°D41	25°24	24°31	18°57	M24
T 25	22 15 18	2°22'54	13°20	22° 7	2°12	16°31	5° 7	19°18	27°22	1°37	28°19	26°41	25°21	24°38	18°54	T 25
W26	22 19 14	3°20'46	25°20	24° 4	3°24	16°39	5°16	19°25	27°24	1°38	28°18	26°43	25°18	24°44	18°52	W26
T 27	22 23 11	4°18'41	7♂31	26° 3	4°36	16°48	5°25	19°33	27°25	1°39	28°17	26°44	25°15	24°51	18°49	T 27
F 28	22 27 7	5°16'37	19°57	28° 1	5°49	16°58	5°34	19°40	27°26	1°40	28°16	26°46	25°12	24°58	18°46	F 28
S 29	22 31 4	6°14'35	2♂42	0♂ 0	7° 1	17° 8	5°44	19°48	27°27	1°42	28°15	26°R46	25° 8	25° 5	18°43	S 29
S 30	22 35 1	7°12'35	15°49	1°59	8°13	17°19	5°53	19°55	27°28	1°43	28°14	26°44	25° 5	25°11	18°41	S 30
M31	22 38 57	8♂10'36	29♂12	3♂58	9♂26	17♂31	6♂ 3	20♂ 3	27♂30	1♂44	28♂13	26♂40	25♂ 2	25♂18	18♂38	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	17n55	21n28	0n15	17n24	3s47	22n 9	1s14	28s19	6s 4	11s11	1n 6	16n48	0n52	19s20	0n12	22n16	1s10	15s11	16s 1	20s42	20s49	22n44	0n29	4n54	
S 2	17 39	17 31	0s56	17 38	3 33	22 10	1 11	28 20	6 3	11 13	1 6	16 45	0 52	19 20	0 12	22 16	1 10	15 12	16 2	20 42	20 50	22 46	0 29	4 54	
M 3	17 24	12 40	2 5	17 51	3 18	22 10	1 8	28 20	6 2	11 15	1 6	16 43	0 52	19 20	0 12	22 16	1 10	15 13	16 2	20 42	20 51	22 47	0 28	4 54	
T 4	17 8	7 8	3 9	18 3	3 3	22 9	1 5	28 21	6 2	11 18	1 5	16 41	0 52	19 20	0 12	22 16	1 10	15 13	16 2	20 42	20 51	22 49	0 27	4 54	
W 5	16 52	1 10	4 3	18 15	2 47	22 8	1 2	28 21	6 1	11 20	1 5	16 39	0 52	19 20	0 11	22 16	1 10	15 14	16 2	20 43	20 52	22 50	0 27	4 55	
T 6	16 35	4s55	4 44	18 26	2 31	22 7	0 59	28 21	6 0	11 22	1 5	16 36	0 52	19 20	0 11	22 16	1 10	15 14	16 3	20 43	20 52	22 51	0 26	4 55	
F 7	16 18	10 49	5 9	18 36	2 15	22 4	0 56	28 21	5 58	11 25	1 5	16 34	0 53	19 21	0 11	22 16	1 10	15 15	16 3	20 44	20 53	22 53	0 25	4 55	
S 8	16 1	16 13	5 15	18 45	1 58	22 1	0 53	28 20	5 57	11 27	1 4	16 32	0 53	19 21	0 11	22 15	1 10	15 15	16 3	20 44	20 54	22 54	0 24	4 55	
S 9	15 44	20 45	5 2	18 52	1 42	21 58	0 49	28 20	5 56	11 30	1 4	16 30	0 53	19 21	0 11	22 15	1 10	15 16	16 4	20 44	20 54	22 55	0 24	4 55	
M10	15 27	24 6	4 31	18 57	1 26	21 54	0 46	28 19	5 54	11 33	1 4	16 27	0 53	19 21	0 11	22 15	1 10	15 17	16 4	20 44	20 55	22 57	0 23	4 55	
T 11	15 9	25 56	3 43	19 1	1 10	21 49	0 43	28 18	5 52	11 35	1 4	16 25	0 53	19 21	0 11	22 15	1 10	15 17	16 4	20 44	20 55	22 58	0 22	4 55	
W12	14 51	26 4	2 41	19 2	0 54	21 44	0 40	28 16	5 51	11 38	1 3	16 23	0 53	19 21	0 11	22 15	1 10	15 18	16 4	20 44	20 56	22 59	0 21	4 55	
T 13	14 33	24 32	1 31	19 2	0 39	21 38	0 37	28 15	5 49	11 41	1 3	16 21	0 53	19 21	0 11	22 15	1 10	15 18	16 5	20 43	20 57	23 1	0 20	4 55	
F 14	14 14	21 29	0 15	18 59	0 24	21 31	0 34	28 13	5 47	11 43	1 3	16 18	0 53	19 21	0 11	22 15	1 10	15 19	16 5	20 43	20 57	23 2	0 19	4 55	
S 15	13 55	17 14	1n 0	18 53	0 10	21 24	0 31	28 11	5 45	11 46	1 3	16 16	0 53	19 21	0 11	22 15	1 10	15 19	16 5	20 43	20 58	23 3	0 19	4 55	
S 16	13 37	12 11	2 11	18 45	0n 4	21 16	0 27	28 9	5 43	11 49	1 3	16 14	0 53	19 21	0 11	22 15	1 10	15 20	16 5	20 44	20 58	23 5	0 18	4 55	
M17	13 17	6 39	3 13	18 35	0 17	21 8	0 24	28 7	5 40	11 52	1 2	16 11	0 53	19 22	0 11	22 15	1 10	15 21	16 5	20 44	20 59	23 6	0 17	4 56	
T 18	12 58	0 58	4 3	18 22	0 29	20 59	0 21	28 4	5 38	11 55	1 2	16 9	0 53	19 22	0 11	22 15	1 10	15 21	16 6	20 45	21 0	23 7	0 16	4 56	
W19	12 39	4n38	4 41	18 5	0 40	20 50	0 18	28 2	5 36	11 58	1 2	16 7	0 54	19 22	0 11	22 15	1 10	15 22	16 6	20 46	21 0	23 9	0 15	4 56	
T 20	12 19	9 56	5 3	17 47	0 51	20 39	0 15	27 59	5 33	12 1	1 2	16 5	0 54	19 22	0 11	22 15	1 10	15 22	16 6	20 47	21 1	23 10	0 14	4 56	
F 21	11 59	14 44	5 12	17 25	1 0	20 29	0 12	27 56	5 31	12 4	1 2	16 2	0 54	19 22	0 11	22 15	1 10	15 23	16 6	20 48	21 1	23 11	0 13	4 56	
S 22	11 39	18 53	5 6	17 1	1 9	20 17	0 9	27 53	5 28	12 7	1 1	16 0	0 54	19 23	0 11	22 15	1 10	15 24	16 7	20 48	21 2	23 13	0 12	4 56	
S 23	11 19	22 14	4 48	16 34	1 17	20 5	0 6	27 50	5 26	12 10	1 1	15 58	0 54	19 23	0 11	22 15	1 10	15 24	16 7	20 49	21 3	23 14	0 11	4 56	
M24	10 58	24 38	4 17	16 4	1 23	19 53	0 3	27 46	5 23	12 13	1 1	15 55	0 54	19 23	0 11	22 15	1 10	15 25	16 7	20 49	21 3	23 15	0 10	4 56	
T 25	10 37	25 56	3 35	15 32	1 29	19 40	0n 0	27 43	5 21	12 16	1 1	15 53	0 54	19 23	0 11	22 15	1 11	15 25	16 7	20 49	21 4	23 16	0 9	4 56	
W26	10 17	26 4	2 43	14 59	1 34	19 26	0 3	27 39	5 18	12 19	1 1	15 51	0 54	19 23	0 11	22 15	1 11	15 26	16 7	20 48	21 4	23 18	0 8	4 56	
T 27	9 56	24 56	1 43	14 23	1 38	19 12	0 6	27 35	5 15	12 23	1 0	15 49	0 54	19 24	0 11	22 15	1 11	15 26	16 7	20 48	21 5	23 19	0 7	4 56	
F 28	9 34	22 34	0 37	13 45	1 42	18 57	0 9	27 31	5 13	12 26	1 0	15 46	0 54	19 24	0 11	22 15	1 11	15 27	16 8	20 48	21 5	23 20	0 6	4 56	
S 29	9 13	19 2	0s32	13 5	1 44	18 42	0 12	27 27	5 10	12 29	1 0	15 44	0 54	19 24	0 11	22 15	1 11	15 28	16 8	20 48	21 6	23 21	0 5	4 56	
S 30	8 52	14 28	1 42	12 24	1 46	18 26	0 15	27 23	5 7	12 32	1 0	15 42	0 55	19 25	0 11	22 15	1 11	15 28	16 8	20 48	21 7	23 23	0 4	4 56	
M31	8n30	9n 6	2s47	11n42	1n46	18n10	0n18	27s19	5s 4	12s36	1n 0	15n40	0n55	19s25	0n11	22n15	1s11	15s29	16s 8	20s49	21s 7	23n24	0n 3	4n56	

ASTRODIENST EPHEMERIS for the year 2065

geocentric

SEPTEMBER 2065

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 42 54	9 ^h 8'39	13 ^h 6'	5 ^h 56	10 ^h 39	17 ^h 343	6 ^h 12	20 ^h 10	27 ^h 131	1 ^h 45	28 ^h R12	26 ^h R35	24 ^h 359	25 ^h 325	18 ^h R35	T 1	
W 2	22 46 50	10 ^h 6'43	27 ^h 12'	7 ^h 53	11 ^h 51	17 ^h 57	6 ^h 22	20 ^h 18	27 ^h 32	1 ^h 46	28 ^h 11	26 ^h 329	24 ^h 56	25 ^h 31	18 ^h 32	W 2	
T 3	22 50 47	11 ^h 4'49	11 ^h 31	9 ^h 50	13 ^h 4	18 ^h 11	6 ^h 32	20 ^h 25	27 ^h 34	1 ^h 47	28 ^h 9	26 ^h 22	24 ^h 52	25 ^h 38	18 ^h 30	T 3	
F 4	22 54 43	12 ^h 2'57	25 ^h 56	11 ^h 46	14 ^h 17	18 ^h 25	6 ^h 42	20 ^h 33	27 ^h 35	1 ^h 48	28 ^h 8	26 ^h 15	24 ^h 49	25 ^h 45	18 ^h 27	F 4	
S 5	22 58 40	13 ^h 1'06	10 ^h 123	13 ^h 41	15 ^h 29	18 ^h 41	6 ^h 52	20 ^h 40	27 ^h 37	1 ^h 49	28 ^h 7	26 ^h 10	24 ^h 46	25 ^h 52	18 ^h 24	S 5	
S 6	23 2 36	13 ^h 59'17	24 ^h 46	15 ^h 36	16 ^h 42	18 ^h 57	7 ^h 2	20 ^h 47	27 ^h 38	1 ^h 50	28 ^h 6	26 ^h 6	24 ^h 43	25 ^h 58	18 ^h 21	S 6	
M 7	23 6 33	14 ^h 57'29	9 ^h 1	17 ^h 29	17 ^h 55	19 ^h 13	7 ^h 12	20 ^h 54	27 ^h 40	1 ^h 51	28 ^h 5	26 ^h D 5	24 ^h 40	26 ^h 5	18 ^h 19	M 7	
T 8	23 10 30	15 ^h 55'42	23 ^h 6	19 ^h 21	19 ^h 8	19 ^h 31	7 ^h 22	21 ^h 2	27 ^h 42	1 ^h 52	28 ^h 4	26 ^h 5	24 ^h 37	26 ^h 12	18 ^h 16	T 8	
W 9	23 14 26	16 ^h 53'57	7 ^h 3	21 ^h 11	20 ^h 21	19 ^h 49	7 ^h 32	21 ^h 9	27 ^h 44	1 ^h 53	28 ^h 2	26 ^h 6	24 ^h 33	26 ^h 18	18 ^h 13	W 9	
T 10	23 18 23	17 ^h 52'14	20 ^h 45	23 ^h 1	21 ^h 34	20 ^h 7	7 ^h 43	21 ^h 16	27 ^h 45	1 ^h 54	28 ^h 1	26 ^h R 6	24 ^h 30	26 ^h 25	18 ^h 10	T 10	
F 11	23 22 19	18 ^h 50'31	4 ^h 18	24 ^h 50	22 ^h 47	20 ^h 26	7 ^h 53	21 ^h 23	27 ^h 47	1 ^h 54	28 ^h 0	26 ^h 6	24 ^h 27	26 ^h 32	18 ^h 7	F 11	
S 12	23 26 16	19 ^h 48'51	17 ^h 40	26 ^h 37	24 ^h 0	20 ^h 46	8 ^h 4	21 ^h 30	27 ^h 49	1 ^h 55	27 ^h 59	26 ^h 4	24 ^h 24	26 ^h 38	18 ^h 5	S 12	
S 13	23 30 12	20 ^h 47'12	0 ^h 50	28 ^h 24	25 ^h 14	21 ^h 6	8 ^h 15	21 ^h 37	27 ^h 51	1 ^h 56	27 ^h 58	26 ^h 0	24 ^h 21	26 ^h 45	18 ^h 2	S 13	
M14	23 34 9	21 ^h 45'35	13 ^h 49	0 ^h 59	26 ^h 27	21 ^h 27	8 ^h 25	21 ^h 44	27 ^h 53	1 ^h 57	27 ^h 56	25 ^h 53	24 ^h 18	26 ^h 52	17 ^h 59	M14	
T 15	23 38 5	22 ^h 43'59	26 ^h 36	1 ^h 53	27 ^h 40	21 ^h 49	8 ^h 36	21 ^h 51	27 ^h 55	1 ^h 57	27 ^h 55	25 ^h 44	24 ^h 14	26 ^h 59	17 ^h 56	T 15	
W16	23 42 2	23 ^h 42'26	9 ^h 10	3 ^h 36	28 ^h 54	22 ^h 11	8 ^h 47	21 ^h 58	27 ^h 57	1 ^h 58	27 ^h 54	25 ^h 33	24 ^h 11	27 ^h 5	17 ^h 53	W16	
T 17	23 45 59	24 ^h 40'54	21 ^h 31	5 ^h 18	0 ^h 7	22 ^h 33	8 ^h 58	22 ^h 5	27 ^h 59	1 ^h 58	27 ^h 53	25 ^h 23	24 ^h 8	27 ^h 12	17 ^h 51	T 17	
F 18	23 49 55	25 ^h 39'24	3 ^h 41	6 ^h 59	1 ^h 21	22 ^h 56	9 ^h 9	22 ^h 12	28 ^h 1	1 ^h 59	27 ^h 52	25 ^h 12	24 ^h 5	27 ^h 19	17 ^h 48	F 18	
S 19	23 53 52	26 ^h 37'57	15 ^h 41	8 ^h 39	2 ^h 34	23 ^h 20	9 ^h 21	22 ^h 19	28 ^h 3	2 ^h 0	27 ^h 50	25 ^h 3	24 ^h 2	27 ^h 25	17 ^h 45	S 19	
S 20	23 57 48	27 ^h 36'32	27 ^h 35	10 ^h 17	3 ^h 48	23 ^h 44	9 ^h 32	22 ^h 26	28 ^h 6	2 ^h 0	27 ^h 49	24 ^h 57	23 ^h 58	27 ^h 32	17 ^h 42	S 20	
M21	0 1 45	28 ^h 35'09	9 ^h 25	11 ^h 55	5 ^h 1	24 ^h 8	9 ^h 43	22 ^h 33	28 ^h 8	2 ^h 1	27 ^h 48	24 ^h 53	23 ^h 55	27 ^h 39	17 ^h 40	M21	
T 22	0 5 41	29 ^h 33'48	21 ^h 16	13 ^h 32	6 ^h 15	24 ^h 33	9 ^h 54	22 ^h 39	28 ^h 10	2 ^h 1	27 ^h 47	24 ^h 51	23 ^h 52	27 ^h 45	17 ^h 37	T 22	
W23	0 9 38	0 ^h 42'29	3 ^h 51	15 ^h 8	7 ^h 29	24 ^h 58	10 ^h 6	22 ^h 46	28 ^h 13	2 ^h 1	27 ^h 46	24 ^h D50	23 ^h 49	27 ^h 52	17 ^h 34	W23	
T 24	0 13 34	1 ^h 31'13	15 ^h 23	16 ^h 43	8 ^h 43	25 ^h 24	10 ^h 17	22 ^h 52	28 ^h 15	2 ^h 2	27 ^h 44	24 ^h 51	23 ^h 46	27 ^h 59	17 ^h 32	T 24	
F 25	0 17 31	2 ^h 29'58	27 ^h 49	18 ^h 17	9 ^h 57	25 ^h 51	10 ^h 29	22 ^h 59	28 ^h 18	2 ^h 2	27 ^h 43	24 ^h R51	23 ^h 43	28 ^h 6	17 ^h 29	F 25	
S 26	0 21 28	3 ^h 28'46	10 ^h 36	19 ^h 50	11 ^h 11	26 ^h 17	10 ^h 41	23 ^h 6	28 ^h 20	2 ^h 2	27 ^h 42	24 ^h 50	23 ^h 39	28 ^h 12	17 ^h 26	S 26	
S 27	0 25 24	4 ^h 27'36	23 ^h 49	21 ^h 22	12 ^h 24	26 ^h 45	10 ^h 52	23 ^h 12	28 ^h 23	2 ^h 3	27 ^h 41	24 ^h 47	23 ^h 36	28 ^h 19	17 ^h 24	S 27	
M28	0 29 21	5 ^h 26'29	7 ^h 28	22 ^h 53	13 ^h 38	27 ^h 12	11 ^h 4	23 ^h 18	28 ^h 25	2 ^h 3	27 ^h 40	24 ^h 41	23 ^h 33	28 ^h 26	17 ^h 21	M28	
T 29	0 33 17	6 ^h 25'23	21 ^h 34	24 ^h 23	14 ^h 53	27 ^h 40	11 ^h 16	23 ^h 25	28 ^h 28	2 ^h 3	27 ^h 38	24 ^h 32	23 ^h 30	28 ^h 32	17 ^h 18	T 29	
W30	0 37 14	7 ^h 24'19	6 ^h 2	25 ^h 52	16 ^h 7	28 ^h 8	11 ^h 28	23 ^h 31	28 ^h 30	2 ^h 3	27 ^h 37	24 ^h 32	23 ^h 27	28 ^h 39	17 ^h 16	W30	

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	8n 8	3n11	3s44	10n59	1n46	17n53	0n20	27s14	5s 1	12s39	0n59	15n37	0n55	19s25	0n11	22n15	1s11	15s29	16s 8	20s50	21s 8	23n25	0n 2	4n56									
W 2	7 46	3s 0	4 29	10 15	1 46	17 36	0 23	27 10	4 58	12 42	0 59	15 35	0 55	19 26	0 11	22 14	1 11	15 30	16 8	20 51	21 8	23 26	0 1	4 56									
T 3	7 24	9 7	4 58	9 30	1 45	17 18	0 26	27 5	4 56	12 46	0 59	15 33	0 55	19 26	0 11	22 14	1 11	15 30	16 8	20 52	21 9	23 27	0s 1	4 56									
F 4	7 2	14 48	5 8	8 44	1 43	17 0	0 28	27 0	4 53	12 49	0 59	15 31	0 55	19 26	0 11	22 14	1 11	15 31	16 9	20 54	21 9	23 29	0 2	4 56									
S 5	6 40	19 39	4 59	7 57	1 40	16 41	0 31	26 55	4 50	12 53	0 59	15 28	0 55	19 27	0 11	22 14	1 11	15 32	16 9	20 55	21 10	23 30	0 3	4 56									
S 6	6 18	23 19	4 30	7 11	1 38	16 22	0 34	26 50	4 47	12 56	0 58	15 26	0 55	19 27	0 11	22 14	1 11	15 32	16 9	20 55	21 11	23 31	0 4	4 56									
M 7	5 55	25 31	3 46	6 23	1 34	16 2	0 36	26 44	4 44	13 0	0 58	15 24	0 55	19 27	0 11	22 14	1 11	15 33	16 9	20 56	21 11	23 32	0 5	4 56									
T 8	5 33	26 3	2 48	5 36	1 30	15 42	0 39	26 39	4 41	13 3	0 58	15 22	0 56	19 28	0 11	22 14	1 11	15 33	16 9	20 56	21 12	23 33	0 6	4 56									
W 9	5 10	24 55	1 41	4 49	1 26	15 21	0 41	26 33	4 38	13 7	0 58	15 19	0 56	19 28	0 11	22 14	1 11	15 34	16 9	20 55	21 12	23 34	0 7	4 56									
T 10	4 48	22 18	0 29	4 1	1 22	15 0	0 44	26 27	4 35	13 10	0 58	15 17	0 56	19 29	0 11	22 14	1 11	15 34	16 9	20 55	21 13	23 36	0 8	4 56									
F 11	4 25	18 28	0n44	3 14	1 17	14 39	0 46	26 22	4 32	13 14	0 58	15 15	0 56	19 29	0 11	22 14	1 11	15 35	16 9	20 55	21 13	23 37	0 10	4 55									
S 12	4 2	13 44	1 53	2 26	1 11	14 17	0 48	26 16	4 29	13 17	0 57	15 13	0 56	19 30	0 11	22 14	1 11	15 35	16 9	20 56	21 14	23 38	0 11	4 55									
S 13	3 39	8 27	2 55	1 39	1 6	13 54	0 51	26 9	4 26	13 21	0 57	15 11	0 56	19 30	0 11	22 14	1 11	15 36	16 9	20 57	21 14	23 39	0 12	4 55									
M14	3 16	2 52	3 47	0 52	1 0	13 32	0 53	26 3	4 23	13 24	0 57	15 9	0 56	19 30	0 11	22 14	1 11	15 37	16 9	20 58	21 15	23 40	0 13	4 55									
T 15	2 53	2n43	4 26	0 5	0 54	13 8	0 55	25 57	4 20	13 28	0 57	15 6	0 56	19 31	0 11	22 14	1 11	15 37	16 10	21 0	21 16	23 41	0 14	4 55									
W16	2 30	8 6	4 52	0s42	0 48	12 45	0 57	25 50	4 17	13 32	0 57	15 4	0 57	19 31	0 11	22 14	1 11	15 38	16 10	21 1	21 16	23 42	0 15	4 55									
T 17	2 7	13 4	5 3	1 28	0 41	12 21	0 59	25 44	4 14	13 35	0 57	15 2	0 57	19 32	0 11	22 14	1 11	15 38	16 10	21 3	21 17	23 44	0 16	4 55									
F 18	1 44	17 27	5 1	2 14	0 35	11 57	1 1	25 37	4 11	13 39	0 57	15 0	0 57	19 32	0 11	22 14	1 11	15 39	16 10	21 5	21 17	23 45	0 18	4 55									
S 19	1 20	21 4	4 45	3 0	0 28	11 32	1 3	25 30	4 8	13 43	0 56	14 58	0 57	19 33	0 11	22 14	1 11	15 39	16 10	21 7	21 18	23 46	0 19	4 55									
S 20	0 57	23 46	4 16	3 45	0 21	11 7	1 5	25 23	4 6	13 46	0 56	14 56	0 57	19 33	0 11	22 14	1 11	15 40	16 10	21 8	21 18	23 47	0 20	4 55									
M21	0 34	25 26	3 37	4 30	0 14	10 42	1 7	25 15	4 3	13 50	0 56	14 54	0 57	19 34	0 11	22 14	1 11	15 40	16 10	21 9	21 19	23 48	0 21	4 55									
T 22	0 10	25 57	2 49	5 14	0 7	10 17	1 9	25 8	4 0	13 54	0 56	14 52	0 57	19 34	0 11	22 14	1 11	15 41	16 10	21 9	21 19	23 49	0 22	4 54									
W23	0s13	25 16	1 53	5 58	0s 0	9 51	1 10	25 1	3 57	13 57	0 56	14 50	0 58	19 35	0 11	22 14	1 11	15 41	16 10	21 9	21 20	23 50	0 23	4 54									
T 24	0 36	23 23	0 50	6 41	0 7	9 25	1 12	24 53	3 54	14 1	0 56	14 48	0 58	19 36	0 11	22 14	1 11	15 42	16 10	21 9	21 21	23 51	0 25	4 54									
F 25	1 0	20 20	0s16	7 23	0 15	8 58	1 13	24 45	3 51	14 5	0 55	14 46	0 58	19 36	0 11	22 14	1 11	15 42	16 10	21 9	21 21	23 52	0 26	4 54									
S 26	1 23	16 15	1 23	8 5	0 22	8 32	1 15	24 37	3 48	14 9	0 55	14 44	0 58	19 37	0 11	22 14	1 11	15 42	16 10	21 9	21 22	23 53	0 27	4 54									
S 27	1 46	11 16	2 27	8 47	0 29	8 5	1 16	24 29	3 45	14 13	0 55	14 42	0 58	19 37	0 11	22 13	1 12	15 43	16 10	21 10	21 22	23 54	0 28	4 54									
M28	2 10	5 35	3 26	9 28	0 37	7 38	1 18	24 21	3 43	14 16	0 55	14 40	0 58	19 38	0 10	22 13	1 12	15 43	16 10	21 11	21 23	23 55	0 29	4 54									
T 29	2 33	0s32	4 13	10 8	0 44	7 10	1 19	24 13	3 40	14 20	0 55	14 38	0 58	19 38	0 10	22 13	1 12	15 44	16 10	21 12	21 23	23 56	0 30	4 53									
W30	2s56	6s46	4s46	10s48	0s52	6n43	1n20	24s 4	3s37	14s24	0n55	14n36	0n59	19s39	0n10	22n13	1s12	15s44	16s10	21s14	21s24	23n57	0s32	4n53									

ASTRODIENST EPHEMERIS for the year 2065
geocentric

OCTOBER 2065

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	0 41 10	8♌23'18	20♌46	27♌20	17♎21	28♏37	11♍40	23♎37	28♍33	2♏3	27°R36	24°R11	23♏23	28♌46	17°R13	T 1
F 2	0 45 7	9°22'18	5♍39	28°48	18°35	29° 6	11°52	23°43	28°36	2° 4	27°K35	24♏1	23°20	28°52	17°K11	F 2
S 3	0 49 3	10°21'21	20°30	0♍14	19°49	29°36	12° 4	23°50	28°38	2° 4	27°34	23°52	23°17	28°59	17° 8	S 3
S 4	0 53 0	11°20'25	5♌12	1°40	21° 3	0♌6	12°16	23°56	28°41	2° 4	27°32	23°45	23°14	29° 6	17° 6	S 4
M 5	0 56 56	12°19'31	19°40	3° 4	22°18	0°36	12°28	24° 2	28°44	2°R 4	27°31	23°41	23°11	29°13	17° 3	M 5
T 6	1 0 53	13°18'39	3♏50	4°28	23°32	1° 7	12°41	24° 7	28°47	2° 4	27°30	23°40	23° 8	29°19	17° 1	T 6
W 7	1 4 50	14°17'49	17°41	5°50	24°46	1°38	12°53	24°13	28°50	2° 4	27°29	23°39	23° 4	29°26	16°58	W 7
T 8	1 8 46	15°17'00	1♌14	7°11	26° 1	2° 9	13° 5	24°19	28°53	2° 3	27°28	23°39	23° 1	29°33	16°56	T 8
F 9	1 12 43	16°16'13	14°31	8°32	27°15	2°40	13°18	24°25	28°56	2° 3	27°27	23°38	22°58	29°39	16°54	F 9
S 10	1 16 39	17°15'28	27°34	9°51	28°30	3°12	13°30	24°31	28°59	2° 3	27°26	23°35	22°55	29°46	16°51	S 10
S 11	1 20 36	18°14'44	10♌25	11° 8	29°44	3°44	13°42	24°36	29° 2	2° 3	27°24	23°28	22°52	29°53	16°49	S 11
M12	1 24 32	19°14'03	23° 4	12°25	0♌59	4°17	13°55	24°42	29° 5	2° 3	27°23	23°19	22°49	29°59	16°47	M12
T 13	1 28 29	20°13'23	5°Y34	13°40	2°13	4°50	14° 7	24°47	29° 8	2° 2	27°22	23° 7	22°45	0♏6	16°45	T 13
W14	1 32 25	21°12'45	17°54	14°54	3°28	5°23	14°20	24°53	29°11	2° 2	27°21	22°53	22°42	0°13	16°42	W14
T 15	1 36 22	22°12'09	0♌5	16° 6	4°43	5°56	14°33	24°58	29°14	2° 2	27°20	22°39	22°39	0°19	16°40	T 15
F 16	1 40 19	23°11'36	12° 7	17°16	5°57	6°29	14°45	25° 3	29°17	2° 1	27°19	22°25	22°36	0°26	16°38	F 16
S 17	1 44 15	24°11'04	24° 3	18°24	7°12	7° 3	14°58	25° 8	29°20	2° 1	27°18	22°13	22°33	0°33	16°36	S 17
S 18	1 48 12	25°10'35	5♏54	19°31	8°27	7°37	15°11	25°13	29°24	2° 1	27°17	22° 4	22°29	0°40	16°34	S 18
M19	1 52 8	26°10'08	17°42	20°35	9°42	8°11	15°24	25°18	29°27	2° 0	27°16	21°57	22°26	0°46	16°32	M19
T 20	1 56 5	27° 9'43	29°32	21°36	10°56	8°46	15°36	25°23	29°30	2° 0	27°15	21°53	22°23	0°53	16°30	T 20
W21	2 0 1	28° 9'21	11♏27	22°35	12°11	9°21	15°49	25°28	29°33	1°59	27°14	21°51	22°20	1° 0	16°28	W21
T 22	2 3 58	29° 9'00	23°33	23°31	13°26	9°55	16° 2	25°33	29°37	1°59	27°13	21°51	22°17	1° 6	16°26	T 22
F 23	2 7 54	0♏8'42	5♌55	24°24	14°41	10°31	16°15	25°38	29°40	1°58	27°12	21°51	22°14	1°13	16°25	F 23
S 24	2 11 51	1° 8'26	18°39	25°13	15°56	11° 6	16°28	25°42	29°43	1°57	27°11	21°50	22°10	1°20	16°23	S 24
S 25	2 15 48	2° 8'13	1♎48	25°58	17°11	11°42	16°41	25°47	29°47	1°57	27°10	21°47	22° 7	1°26	16°21	S 25
M26	2 19 44	3° 8'01	15°27	26°39	18°26	12°17	16°54	25°51	29°50	1°56	27° 9	21°42	22° 4	1°33	16°19	M26
T 27	2 23 41	4° 7'52	29°36	27°15	19°41	12°53	17° 7	25°56	29°54	1°55	27° 8	21°34	22° 1	1°40	16°18	T 27
W28	2 27 37	5° 7'45	14♌12	27°46	20°56	13°30	17°20	26° 0	29°57	1°55	27° 7	21°23	21°58	1°46	16°16	W28
T 29	2 31 34	6° 7'39	29°10	28°10	22°11	14° 6	17°33	26° 4	0♌0	1°54	27° 6	21°12	21°55	1°53	16°15	T 29
F 30	2 35 30	7° 7'36	14♌20	28°28	23°26	14°43	17°46	26° 8	0° 4	1°53	27° 5	21° 1	21°51	2° 0	16°13	F 30
S 31	2 39 27	8♍7'35	29♍33	28♍39	24♌41	15♌19	17♍59	26♌12	0♌7	1♏52	27°K 4	20♏52	21♏48	2♏7	16°K12	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	lat
T 1	3s20	12s45	5s 1	11s26	0s59	6n15	1n21	23s55	3s34	14s28	0n55	14n34	0n59	19s40	0n10	22n13	1s12	15s45	16s10	21s16	21s24	23n58	0s33	4n53
F 2	3 43	18 2	4 55	12 5	1 6	5 47	1 23	23 46	3 31	14 31	0 55	14 32	0 59	19 40	0 10	22 13	1 12	15 45	16 9	21 18	21 25	23 59	0 34	4 53
S 3	4 6	22 12	4 30	12 42	1 14	5 19	1 24	23 37	3 28	14 35	0 54	14 30	0 59	19 41	0 10	22 13	1 12	15 45	16 9	21 20	21 25	24 0	0 35	4 53
S 4	4 29	24 52	3 47	13 19	1 21	4 50	1 25	23 28	3 26	14 39	0 54	14 28	0 59	19 42	0 10	22 13	1 12	15 46	16 9	21 21	21 26	24 1	0 36	4 53
M 5	4 52	25 51	2 49	13 54	1 28	4 22	1 25	23 19	3 23	14 43	0 54	14 26	0 59	19 42	0 10	22 13	1 12	15 46	16 9	21 21	21 27	24 2	0 37	4 52
T 6	5 15	25 5	1 43	14 29	1 35	3 53	1 26	23 10	3 20	14 47	0 54	14 25	0 59	19 43	0 10	22 13	1 12	15 47	16 9	21 22	21 27	24 3	0 38	4 52
W 7	5 38	22 47	0 32	15 4	1 42	3 24	1 27	23 0	3 18	14 51	0 54	14 23	1 0	19 43	0 10	22 13	1 12	15 47	16 9	21 22	21 28	24 4	0 39	4 52
T 8	6 1	19 14	0n40	15 37	1 49	2 56	1 28	22 50	3 15	14 54	0 54	14 21	1 0	19 44	0 10	22 13	1 12	15 47	16 9	21 22	21 28	24 5	0 41	4 52
F 9	6 24	14 45	1 48	16 9	1 55	2 27	1 28	22 40	3 12	14 58	0 54	14 19	1 0	19 45	0 10	22 13	1 12	15 48	16 9	21 22	21 29	24 6	0 42	4 52
S 10	6 47	9 40	2 49	16 41	2 2	1 57	1 29	22 30	3 9	15 2	0 54	14 18	1 0	19 45	0 10	22 13	1 12	15 48	16 9	21 22	21 29	24 7	0 43	4 51
S 11	7 9	4 16	3 40	17 12	2 8	1 28	1 29	22 20	3 7	15 6	0 53	14 16	1 0	19 46	0 10	22 13	1 12	15 48	16 9	21 24	21 30	24 8	0 44	4 51
M12	7 32	1n13	4 19	17 41	2 14	0 59	1 30	22 10	3 4	15 10	0 53	14 14	1 0	19 47	0 10	22 13	1 12	15 49	16 9	21 25	21 30	24 9	0 45	4 51
T 13	7 54	6 35	4 46	18 10	2 20	0 30	1 30	21 59	3 2	15 13	0 53	14 12	1 1	19 47	0 10	22 13	1 12	15 49	16 8	21 27	21 31	24 10	0 46	4 51
W14	8 16	11 37	4 58	18 37	2 26	0 0	1 30	21 49	2 59	15 17	0 53	14 11	1 1	19 48	0 10	22 13	1 12	15 49	16 8	21 29	21 31	24 11	0 47	4 51
T 15	8 39	16 7	4 57	19 3	2 31	0s29	1 31	21 38	2 56	15 21	0 53	14 9	1 1	19 49	0 10	22 13	1 12	15 50	16 8	21 32	21 32	24 12	0 48	4 50
F 16	9 1	19 57	4 42	19 29	2 36	0 59	1 31	21 27	2 54	15 25	0 53	14 8	1 1	19 50	0 10	22 13	1 12	15 50	16 8	21 34	21 32	24 13	0 49	4 50
S 17	9 23	22 54	4 15	19 53	2 41	1 28	1 31	21 16	2 51	15 29	0 53	14 6	1 1	19 50	0 10	22 13	1 12	15 50	16 8	21 36	21 33	24 14	0 50	4 50
S 18	9 44	24 51	3 37	20 15	2 45	1 58	1 31	21 5	2 49	15 33	0 53	14 4	1 1	19 51	0 10	22 13	1 12	15 51	16 8	21 38	21 33	24 14	0 51	4 50
M19	10 6	25 41	2 50	20 37	2 49	2 27	1 31	20 53	2 46	15 36	0 53	14 3	1 2	19 52	0 10	22 13	1 12	15 51	16 8	21 39	21 34	24 15	0 52	4 49
T 20	10 28	25 21	1 55	20 57	2 53	2 56	1 30	20 42	2 44	15 40	0 53	14 1	1 2	19 52	0 10	22 13	1 12	15 51	16 7	21 39	21 34	24 16	0 53	4 49
W21	10 49	23 51	0 55	21 15	2 56	3 26	1 30	20 30	2 41	15 44	0 52	14 0	1 2	19 53	0 10	22 13	1 12	15 51	16 7	21 39	21 35	24 17	0 54	4 49
T 22	11 10	21 14	0s 9	21 32	2 59	3 55	1 30	20 18	2 39	15 48	0 52	13 59	1 2	19 54	0 10	22 13	1 12	15 52	16 7	21 40	21 35	24 18	0 55	4 49
F 23	11 31	17 36	1 14	21 47	3 1	4 24	1 30	20 6	2 36	15 52	0 52	13 57	1 2	19 54	0 10	22 13	1 12	15 52	16 7	21 40	21 36	24 19	0 56	4 48
S 24	11 52	13 4	2 17	22 1	3 2	4 54	1 29	19 54	2 34	15 55	0 52	13 56	1 2	19 55	0 10	22 13	1 12	15 52	16 7	21 40	21 36	24 20	0 57	4 48
S 25	12 13	7 48	3 15	22 13	3 3	5 23	1 29	19 42	2 31	15 59	0 52	13 54	1 3	19 56	0 10	22 13	1 12	15 52	16 6	21 40	21 37	24 21	0 58	4 48
M26	12 33	1 59	4 4	22 22	3 3	5 52	1 28	19 29	2 29	16 3	0 52	13 53	1 3	19 57	0 10	22 13	1 12	15 52	16 6	21 41	21 37	24 21	0 59	4 48
T 27	12 54	4s 7	4 40	22 30	3 2	6 21	1 27	19 17	2 27	16 7	0 52	13 52	1 3	19 57	0 10	22 13	1 12	15 53	16 6	21 42	21 38	24 22	0 59	4 47
W28	13 14	10 11	4 59	22 35	3 1	6 50	1 27	19 4	2 24	16 10	0 52	13 50	1 3	19 58	0 10	22 13	1 12	15 53	16 6	21 44	21 39	24 23	1 0	4 47
T 29	13 34	15 49	4 58	22 38	2 58	7 18	1 26	18 51	2 22	16 14	0 52	13 49	1 3	19 59	0 10	22 13	1 12	15 53	16 6	21 46	21 39	24 24	1 1	4 47
F 30	13 53	20 32	4 37	22 38	2 54	7 47	1 25	18 38	2 19	16 18	0 52	13 48	1 4	20 0	0 10	22 13	1 13	15 53	16 5	21 47	21 40	24 25	1 2	4 46
S 31	14s13	23s53	3s56	22s36	2s49	8s15	1n24	18s25	2s17	16s22	0n52	13n47	1n 4	20s 0	0n10	22n13	1s13	15s53	16s 5	21s49	21s40	24n25	1s 3	4n46

Julian Day Number = 2475559.5, Delta T = 79.54 sec
Ecliptic obliquity = 23°25'55, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°39'32, Lahiri = 24°46'32

ASTRODIENST EPHEMERIS for the year 2065
geocentric

NOVEMBER 2065

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	2 43 23	9♍ 7'36	14♊36	28°R42	25♎56	15♏56	18♍12	26♏16	0♊11	1°R51	27°R 4	20°R45	21♈45	2♏13	16°R10	S 1
M 2	2 47 20	10° 7'39	29°23	28♍37	27°11	16°33	18°26	26°20	0°14	1♏50	27♋ 3	20♈41	21°42	2°20	16♋ 9	M 2
T 3	2 51 17	11° 7'43	13♈47	28°22	28°26	17°11	18°39	26°24	0°18	1°49	27° 2	20°39	21°39	2°27	16° 8	T 3
W 4	2 55 13	12° 7'48	27°46	27°59	29°42	17°48	18°52	26°27	0°22	1°49	27° 1	20°D39	21°35	2°33	16° 6	W 4
T 5	2 59 10	13° 7'55	11♏21	27°25	0♍57	18°26	19° 5	26°31	0°25	1°48	27° 0	20°R40	21°32	2°40	16° 5	T 5
F 6	3 3 6	14° 8'04	24°34	26°42	2°12	19° 3	19°18	26°34	0°29	1°47	27° 0	20°39	21°29	2°47	16° 4	F 6
S 7	3 7 3	15° 8'14	7♋29	25°50	3°27	19°41	19°31	26°38	0°32	1°45	26°59	20°37	21°26	2°53	16° 3	S 7
S 8	3 10 59	16° 8'25	20° 7	24°49	4°42	20°19	19°45	26°41	0°36	1°44	26°58	20°32	21°23	3° 0	16° 2	S 8
M 9	3 14 56	17° 8'38	2♊33	23°40	5°58	20°58	19°58	26°44	0°40	1°43	26°57	20°25	21°20	3° 7	16° 1	M 9
T 10	3 18 52	18° 8'53	14°49	22°26	7°13	21°36	20°11	26°47	0°43	1°42	26°57	20°15	21°16	3°13	16° 0	T 10
W11	3 22 49	19° 9'09	26°56	21° 7	8°28	22°14	20°24	26°50	0°47	1°41	26°56	20° 3	21°13	3°20	15°59	W11
T 12	3 26 46	20° 9'27	8♊57	19°47	9°43	22°53	20°38	26°53	0°51	1°40	26°55	19°51	21°10	3°27	15°58	T 12
F 13	3 30 42	21° 9'47	20°53	18°28	10°59	23°32	20°51	26°56	0°54	1°39	26°55	19°40	21° 7	3°33	15°57	F 13
S 14	3 34 39	22°10'08	2♏44	17°13	12°14	24°10	21° 4	26°58	0°58	1°38	26°54	19°29	21° 4	3°40	15°57	S 14
S 15	3 38 35	23°10'31	14°34	16° 4	13°29	24°49	21°17	27° 1	1° 2	1°36	26°54	19°22	21° 0	3°47	15°56	S 15
M16	3 42 32	24°10'56	26°23	15° 2	14°45	25°28	21°31	27° 3	1° 5	1°35	26°53	19°16	20°57	3°54	15°55	M16
T 17	3 46 28	25°11'22	8♏15	14°11	16° 0	26° 7	21°44	27° 6	1° 9	1°34	26°52	19°13	20°54	4° 0	15°55	T 17
W18	3 50 25	26°11'50	20°12	13°30	17°15	26°47	21°57	27° 8	1°13	1°32	26°52	19°D13	20°51	4° 7	15°54	W18
T 19	3 54 21	27°12'20	2♏18	13° 2	18°31	27°26	22°10	27°10	1°16	1°31	26°51	19°13	20°48	4°14	15°54	T 19
F 20	3 58 18	28°12'52	14°39	12°44	19°46	28° 5	22°23	27°12	1°20	1°30	26°51	19°14	20°45	4°20	15°53	F 20
S 21	4 2 15	29°13'25	27°19	12°D39	21° 1	28°45	22°37	27°14	1°24	1°28	26°50	19°R15	20°41	4°27	15°53	S 21
S 22	4 6 11	0♊14'01	10♏22	12°44	22°17	29°25	22°50	27°16	1°28	1°27	26°50	19°15	20°38	4°34	15°53	S 22
M23	4 10 8	1°14'38	23°52	13° 0	23°32	0♋ 4	23° 3	27°18	1°31	1°26	26°50	19°12	20°35	4°40	15°53	M23
T 24	4 14 4	2°15'16	7♎51	13°25	24°48	0°44	23°16	27°19	1°35	1°24	26°49	19° 8	20°32	4°47	15°53	T 24
W25	4 18 1	3°15'57	22°20	13°58	26° 3	1°24	23°29	27°21	1°39	1°23	26°49	19° 2	20°29	4°54	15°52	W25
T 26	4 21 57	4°16'39	7♍13	14°40	27°19	2° 4	23°43	27°22	1°42	1°21	26°48	18°55	20°26	5° 0	15°D52	T 26
F 27	4 25 54	5°17'22	22°23	15°28	28°34	2°44	23°56	27°23	1°46	1°20	26°48	18°48	20°22	5° 7	15°52	F 27
S 28	4 29 50	6°18'07	7♊41	16°22	29°50	3°24	24° 9	27°24	1°50	1°18	26°48	18°42	20°19	5°14	15°52	S 28
S 29	4 33 47	7°18'54	22°56	17°22	1♊ 5	4° 5	24°22	27°25	1°54	1°17	26°48	18°37	20°16	5°20	15°53	S 29
M30	4 37 44	8♊19'41	7♈57	18♍26	2♊20	4♋45	24♍35	27♏26	1♊57	1♏15	26♋47	18♈35	20♈13	5♏27	15♋53	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
S 1	14s32	25s30	2s59	22s30	2s43	8s43	1n23	18s12	2s15	16s25	0n52	13n46	1n 4	20s 1	0n10	22n13	1s13	15s53	16s 5	21s50	21s41	24n26	1s 4	4n46	
M 2	14 51	25 16	1 50	22 21	2 35	9 11	1 22	17 59	2 13	16 29	0 51	13 44	1 4	20 2	0 10	22 13	1 13	15 53	16 5	21 50	21 41	24 27	1 4	4 46	
T 3	15 10	23 19	0 37	22 9	2 25	9 39	1 21	17 45	2 10	16 33	0 51	13 43	1 4	20 3	0 10	22 13	1 13	15 54	16 4	21 51	21 42	24 28	1 5	4 45	
W 4	15 28	19 59	0n38	21 53	2 14	10 7	1 20	17 31	2 8	16 36	0 51	13 42	1 5	20 3	0 10	22 13	1 13	15 54	16 4	21 51	21 42	24 29	1 6	4 45	
T 5	15 47	15 38	1 48	21 33	2 1	10 34	1 19	17 18	2 6	16 40	0 51	13 41	1 5	20 4	0 10	22 13	1 13	15 54	16 4	21 51	21 43	24 29	1 7	4 45	
F 6	16 5	10 39	2 50	21 9	1 47	11 1	1 18	17 4	2 4	16 44	0 51	13 40	1 5	20 5	0 10	22 13	1 13	15 54	16 4	21 51	21 43	24 30	1 7	4 44	
S 7	16 22	5 19	3 42	20 41	1 31	11 28	1 17	16 50	2 1	16 47	0 51	13 39	1 5	20 6	0 10	22 12	1 13	15 54	16 3	21 51	21 44	24 31	1 8	4 44	
S 8	16 40	0n 6	4 22	20 9	1 13	11 54	1 15	16 35	1 59	16 51	0 51	13 38	1 5	20 6	0 10	22 12	1 13	15 54	16 3	21 52	21 44	24 32	1 9	4 44	
M 9	16 57	5 26	4 49	19 34	0 55	12 21	1 14	16 21	1 57	16 54	0 51	13 38	1 6	20 7	0 10	22 12	1 13	15 54	16 3	21 53	21 45	24 32	1 9	4 44	
T 10	17 14	10 28	5 2	18 56	0 35	12 47	1 12	16 7	1 55	16 58	0 51	13 37	1 6	20 8	0 10	22 12	1 13	15 54	16 3	21 54	21 45	24 33	1 10	4 43	
W11	17 30	15 3	5 1	18 16	0 14	13 12	1 11	15 52	1 53	17 2	0 51	13 36	1 6	20 9	0 10	22 12	1 13	15 54	16 2	21 56	21 46	24 34	1 11	4 43	
T 12	17 47	19 0	4 47	17 35	0n 6	13 38	1 9	15 38	1 51	17 5	0 51	13 35	1 6	20 10	0 10	22 12	1 13	15 54	16 2	21 58	21 46	24 35	1 11	4 43	
F 13	18 3	22 9	4 20	16 53	0 27	14 3	1 8	15 23	1 49	17 9	0 51	13 34	1 6	20 10	0 10	22 12	1 13	15 54	16 2	22 0	21 46	24 35	1 12	4 42	
S 14	18 18	24 20	3 42	16 14	0 46	14 27	1 6	15 8	1 46	17 12	0 51	13 34	1 7	20 11	0 10	22 12	1 13	15 54	16 2	22 1	21 47	24 36	1 12	4 42	
S 15	18 34	25 26	2 55	15 36	1 5	14 52	1 4	14 53	1 44	17 16	0 51	13 33	1 7	20 12	0 10	22 12	1 13	15 54	16 1	22 2	21 47	24 37	1 13	4 42	
M16	18 49	25 22	1 59	15 2	1 22	15 16	1 3	14 38	1 42	17 19	0 51	13 32	1 7	20 13	0 10	22 12	1 13	15 54	16 1	22 3	21 48	24 37	1 13	4 41	
T 17	19 3	24 9	0 59	14 33	1 37	15 39	1 1	14 23	1 40	17 23	0 51	13 32	1 7	20 13	0 10	22 12	1 13	15 54	16 1	22 3	21 48	24 38	1 14	4 41	
W18	19 18	21 50	0s 5	14 8	1 50	16 2	0 59	14 7	1 38	17 26	0 51	13 31	1 7	20 14	0 10	22 12	1 13	15 54	16 0	22 3	21 49	24 39	1 14	4 41	
T 19	19 32	18 30	1 10	13 49	2 1	16 25	0 57	13 52	1 36	17 30	0 51	13 31	1 8	20 15	0 10	22 12	1 13	15 54	16 0	22 3	21 49	24 39	1 15	4 40	
F 20	19 45	14 19	2 13	13 35	2 11	16 47	0 55	13 36	1 34	17 33	0 50	13 30	1 8	20 16	0 10	22 12	1 13	15 54	16 0	22 3	21 50	24 40	1 15	4 40	
S 21	19 59	9 25	3 11	13 26	2 18	17 9	0 53	13 21	1 32	17 36	0 50	13 30	1 8	20 16	0 10	22 12	1 13	15 54	15 59	22 3	21 50	24 41	1 16	4 40	
S 22	20 12	3 58	4 1	13 23	2 23	17 31	0 51	13 5	1 30	17 40	0 50	13 29	1 8	20 17	0 10	22 12	1 13	15 53	15 59	22 3	21 51	24 41	1 16	4 40	
M23	20 24	1s50	4 39	13 24	2 27	17 51	0 49	12 49	1 28	17 43	0 50	13 29	1 8	20 18	0 10	22 12	1 13	15 53	15 59	22 3	21 51	24 42	1 17	4 39	
T 24	20 36	7 45	5 3	13 30	2 29	18 12	0 47	12 33	1 27	17 46	0 50	13 28	1 9	20 19	0 10	22 12	1 13	15 53	15 59	22 4	21 52	24 43	1 17	4 39	
W25	20 48	13 27	5 8	13 39	2 30	18 32	0 45	12 17	1 25	17 50	0 50	13 28	1 9	20 19	0 10	22 12	1 13	15 53	15 58	22 5	21 52	24 43	1 17	4 39	
T 26	21 0	18 32	4 53	13 51	2 29	18 51	0 43	12 1	1 23	17 53	0 50	13 28	1 9	20 20	0 10	22 12	1 13	15 53	15 58	22 6	21 53	24 44	1 18	4 38	
F 27	21 11	22 30	4 18	14 7	2 27	19 10	0 41	11 45	1 21	17 56	0 50	13 28	1 9	20 21	0 10	22 12	1 13	15 53	15 58	22 7	21 53	24 45	1 18	4 38	
S 28	21 21	24 56	3 23	14 25	2 25	19 29	0 39	11 29	1 19	18 0	0 50	13 27	1 10	20 22	0 10	22 12	1 13	15 53	15 57	22 8	21 54	24 45	1 18	4 38	
S 29	21 31	25 29	2 15	14 45	2 21	19 47	0 36	11 13	1 17	18 3	0 50	13 27	1 10	20 22	0 10	22 12	1 13	15 52	15 57	22 8	21 54	24 46	1 18	4 37	
M30	21s41	24s 9	0s57	15s 7	2n17	20s 4	0n34	10s56	1s15	18s 6	0n50	13n27	1n10	20s23	0n10	22n12	1s13	15s52	15s57	22s 9	21s55	24n46	1s19	4n37	

