



Astrodienst Ephemeris Tables for the year 1565

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 1565

geocentric

JANUARY 1565 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	7 20 44	20°34'10"	2°32'	8°34'	4°47'	23°13'	8°R40	15°R40	10°33'	7°R42	14°1'	19°R15	17°53'	24°33'	22°25'	M 1	
T 2	7 24 41	21°42'18"	15°37'	10°19'	5°54'	23°57'	8°R37	15°R35	10°36'	7°R41	14°2'	19°R13	17°50'	24°39'	22°30'	T 2	
W 3	7 28 37	22°43'25"	28°59'	11°53'	7°1'	24°41'	8°33'	15°31'	10°39'	7°40'	14°3'	19°9'	17°46'	24°46'	22°36'	W 3	
T 4	7 32 34	23°44'31"	12°39'	13°27'	8°8'	25°25'	8°30'	15°27'	10°42'	7°39'	14°4'	19°3'	17°43'	24°53'	22°41'	T 4	
F 5	7 36 30	24°45'37"	26°32'	15°2'	9°16'	26°9'	8°26'	15°22'	10°45'	7°38'	14°5'	18°57'	17°40'	24°59'	22°46'	F 5	
S 6	7 40 27	25°46'41"	10°35'	16°38'	10°23'	26°54'	8°22'	15°18'	10°48'	7°37'	14°6'	18°51'	17°37'	25°6'	22°52'	S 6	
S 7	7 44 23	26°47'45"	24°43'	18°14'	11°31'	27°38'	8°17'	15°14'	10°51'	7°36'	14°7'	18°46'	17°34'	25°13'	22°57'	S 7	
M 8	7 48 20	27°48'47"	8°55'	19°51'	12°39'	28°22'	8°13'	15°9'	10°53'	7°35'	14°8'	18°43'	17°31'	25°19'	23°2'	M 8	
T 9	7 52 17	28°49'49"	23°5'	21°28'	13°47'	29°7'	8°8'	15°4'	10°56'	7°34'	14°10'	18°D41	17°27'	25°26'	23°7'	T 9	
W10	7 56 13	29°50'49"	7°13'	23°6'	14°55'	29°51'	8°4'	15°0'	10°59'	7°33'	14°11'	18°42'	17°24'	25°33'	23°13'	W10	
T 11	8 0 10	0°51'48"	21°18'	24°44'	16°4'	0°36'	7°59'	14°55'	11°2'	7°32'	14°12'	18°43'	17°21'	25°39'	23°18'	T 11	
F 12	8 4 6	1°52'47"	5°16'	26°23'	17°12'	1°20'	7°54'	14°51'	11°4'	7°31'	14°13'	18°44'	17°18'	25°46'	23°23'	F 12	
S 13	8 8 3	2°53'43"	19°9'	28°3'	18°21'	2°5'	7°48'	14°46'	11°7'	7°30'	14°14'	18°R45	17°15'	25°53'	23°29'	S 13	
S 14	8 11 59	3°54'39"	2°54'	29°44'	19°30'	2°49'	7°43'	14°41'	11°9'	7°30'	14°16'	18°44'	17°11'	26°0'	23°34'	S 14	
M15	8 15 56	4°55'33"	16°30'	1°25'	20°39'	3°34'	7°37'	14°36'	11°12'	7°29'	14°17'	18°41'	17°8'	26°6'	23°39'	M15	
T 16	8 19 52	5°56'27"	29°54'	3°7'	21°48'	4°18'	7°32'	14°32'	11°14'	7°28'	14°18'	18°35'	17°5'	26°13'	23°44'	T 16	
W17	8 23 49	6°57'19"	13°5'	4°49'	22°57'	5°3'	7°26'	14°27'	11°17'	7°27'	14°19'	18°28'	17°2'	26°20'	23°50'	W17	
T 18	8 27 46	7°58'10"	26°0'	6°33'	24°6'	5°48'	7°20'	14°22'	11°19'	7°27'	14°21'	18°19'	16°59'	26°26'	23°55'	T 18	
F 19	8 31 42	8°59'00"	8°40'	8°17'	25°16'	6°32'	7°14'	14°17'	11°22'	7°26'	14°22'	18°9'	16°56'	26°33'	24°0'	F 19	
S 20	8 35 39	9°59'48"	21°5'	10°2'	26°25'	7°17'	7°8'	14°12'	11°24'	7°25'	14°23'	18°0'	16°52'	26°40'	24°5'	S 20	
S 21	8 39 35	11°0'36"	3°16'	11°47'	27°35'	8°2'	7°1'	14°7'	11°26'	7°25'	14°25'	17°52'	16°49'	26°46'	24°10'	S 21	
M22	8 43 32	12°1'23"	15°16'	13°33'	28°45'	8°47'	6°55'	14°2'	11°29'	7°24'	14°26'	17°46'	16°46'	26°53'	24°15'	M22	
T 23	8 47 28	13°2'08"	27°8'	15°20'	29°55'	9°32'	6°48'	13°58'	11°31'	7°24'	14°27'	17°42'	16°43'	27°0'	24°20'	T 23	
W24	8 51 25	14°2'53"	8°18'	17°8'	1°3'	10°17'	6°42'	13°53'	11°33'	7°23'	14°29'	17°40'	16°40'	27°6'	24°26'	W24	
T 25	8 55 21	15°3'37"	20°50'	18°56'	2°15'	11°2'	6°35'	13°48'	11°35'	7°23'	14°30'	17°D40	16°37'	27°13'	24°31'	T 25	
F 26	8 59 18	16°4'19"	2°50'	20°45'	3°25'	11°47'	6°28'	13°43'	11°37'	7°23'	14°32'	17°41'	16°33'	27°20'	24°36'	F 26	
S 27	9 3 15	17°5'01"	15°3'	22°34'	4°36'	12°32'	6°21'	13°38'	11°39'	7°22'	14°33'	17°R42	16°30'	27°27'	24°41'	S 27	
S 28	9 7 11	18°5'41"	27°33'	24°24'	5°46'	13°17'	6°14'	13°33'	11°41'	7°22'	14°34'	17°41'	16°27'	27°33'	24°46'	S 28	
M29	9 11 8	19°6'20"	10°36'	26°14'	6°57'	14°2'	6°7'	13°28'	11°43'	7°21'	14°36'	17°39'	16°24'	27°40'	24°51'	M29	
T 30	9 15 4	20°6'58"	23°42'	28°5'	8°7'	14°47'	5°59'	13°23'	11°45'	7°21'	14°37'	17°34'	16°21'	27°47'	24°56'	T 30	
W31	9 19 1	21°7'34"	7°23'	29°55'	9°18'	15°32'	5°52'	13°19'	11°47'	7°21'	14°39'	17°26'	16°17'	27°53'	25°1'	W31	

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	21s54	22s16	1n12	24s23	1s10	18s12	2n59	23s43	0s24	9n30	1n15	17n14	1n 6	22s 2	0n 2	20n 6	1s34	19s58	14s53	23s 4	22s56	13s22	15s14	6n29	
T 2	21 44	20 17	2 19	24 21	1 16	18 26	2 58	23 46	0 25	9 31	1 15	17 15	1 6	22 3	0 2	20 5	1 34	19 58	14 52	23 3	22 56	13 24	15 13	6 29	
W 3	21 35	17 9	3 20	24 19	1 21	18 39	2 56	23 49	0 25	9 33	1 15	17 16	1 6	22 3	0 2	20 5	1 34	19 57	14 52	23 3	22 56	13 26	15 12	6 29	
T 4	21 24	13 3	4 11	24 14	1 26	18 52	2 53	23 51	0 26	9 34	1 16	17 18	1 6	22 4	0 2	20 5	1 34	19 56	14 52	23 3	22 56	13 28	15 11	6 29	
F 5	21 13	8 12	4 47	24 9	1 31	19 4	2 51	23 53	0 27	9 36	1 16	17 19	1 6	22 4	0 2	20 5	1 34	19 56	14 52	23 2	22 55	13 30	15 10	6 29	
S 6	21 2	2 53	5 7	24 2	1 35	19 16	2 49	23 55	0 27	9 38	1 16	17 21	1 7	22 5	0 2	20 5	1 34	19 55	14 51	23 2	22 55	13 32	15 9	6 29	
S 7	20 51	2n37	5 9	23 54	1 39	19 28	2 47	23 56	0 28	9 40	1 16	17 22	1 7	22 5	0 2	20 5	1 34	19 54	14 51	23 1	22 55	13 34	15 9	6 29	
M 8	20 39	8 0	4 52	23 44	1 43	19 39	2 44	23 58	0 29	9 42	1 17	17 24	1 7	22 5	0 2	20 5	1 34	19 54	14 51	23 1	22 54	13 36	15 8	6 29	
T 9	20 27	12 58	4 17	23 32	1 47	19 50	2 42	23 59	0 29	9 44	1 17	17 25	1 7	22 6	0 2	20 5	1 34	19 53	14 51	23 1	22 54	13 38	15 7	6 29	
W10	20 14	17 12	3 26	23 19	1 50	20 0	2 39	24 0	0 30	9 46	1 17	17 27	1 7	22 6	0 2	20 4	1 34	19 52	14 50	23 1	22 54	13 40	15 6	6 29	
T 11	20 1	20 26	2 23	23 5	1 53	20 10	2 36	24 0	0 31	9 48	1 17	17 28	1 7	22 7	0 2	20 4	1 34	19 52	14 50	23 1	22 54	13 42	15 5	6 29	
F 12	19 47	22 25	1 12	22 49	1 56	20 20	2 33	24 1	0 31	9 50	1 18	17 30	1 7	22 7	0 2	20 4	1 34	19 51	14 50	23 1	22 53	13 44	15 4	6 29	
S 13	19 33	23 1	0s 2	22 32	1 58	20 29	2 31	24 1	0 32	9 52	1 18	17 31	1 7	22 7	0 2	20 4	1 34	19 50	14 50	23 1	22 53	13 46	15 3	6 29	
S 14	19 19	22 12	1 16	22 13	2 0	20 37	2 28	24 1	0 33	9 54	1 18	17 33	1 8	22 8	0 2	20 4	1 34	19 50	14 50	23 1	22 53	13 48	15 2	6 29	
M15	19 5	20 5	2 24	21 52	2 2	20 46	2 25	24 0	0 33	9 56	1 18	17 34	1 8	22 8	0 2	20 4	1 34	19 49	14 49	23 1	22 52	13 50	15 1	6 30	
T 16	18 50	16 54	3 23	21 30	2 3	20 53	2 22	24 0	0 34	9 59	1 19	17 36	1 8	22 8	0 2	20 4	1 34	19 48	14 49	23 0	22 52	13 52	15 0	6 30	
W17	18 35	12 55	4 11	21 6	2 4	21 0	2 18	23 59	0 35	10 1	1 19	17 37	1 8	22 9	0 2	20 4	1 34	19 48	14 49	23 0	22 52	13 54	14 59	6 30	
T 18	18 19	8 26	4 44	20 41	2 4	21 7	2 15	23 58	0 36	10 4	1 19	17 39	1 8	22 9	0 2	20 4	1 34	19 47	14 49	22 59	22 51	13 56	14 58	6 30	
F 19	18 3	3 40	5 2	20 14	2 4	21 13	2 12	23 56	0 36	10 6	1 19	17 40	1 8	22 9	0 2	20 4	1 34	19 46	14 49	22 58	22 51	13 58	14 57	6 30	
S 20	17 47	1s 9	5 6	19 46	2 4	21 18	2 9	23 55	0 37	10 9	1 19	17 42	1 8	22 10	0 2	20 4	1 33	19 46	14 48	22 57	22 51	13 59	14 56	6 30	
S 21	17 30	5 49	4 55	19 16	2 3	21 23	2 5	23 53	0 38	10 11	1 20	17 43	1 8	22 10	0 2	20 4	1 33	19 45	14 48	22 56	22 50	14 1	14 55	6 30	
M22	17 14	10 12	4 32	18 44	2 2	21 27	2 2	23 50	0 38	10 14	1 20	17 45	1 8	22 10	0 2	20 4	1 33	19 44	14 48	22 56	22 50	14 3	14 54	6 30	
T 23	16 57	14 10	3 57	18 11	2 0	21 31	1 59	23 48	0 39	10 16	1 20	17 46	1 9	22 11	0 2	20 4	1 33	19 44	14 48	22 55	22 50	14 5	14 53	6 31	
W24	16 39	17 33	3 12	17 36	1 57	21 34	1 55	23 45	0 40	10 19	1 20	17 48	1 9	22 11	0 2	20 4	1 33	19 43	14 48	22 55	22 50	14 7	14 52	6 31	
T 25	16 21	20 14	2 19	17 0	1 54	21 37	1 52	23 42	0 40	10 22	1 20	17 49	1 9	22 11	0 2	20 4	1 33	19 42	14 48	22 55	22 49	14 9	14 51	6 31	
F 26	16 3	3 22	4 1	19 16	2 1	51 21	39 1	48 23 39	0 41	10 24	1 21	17 51	1 9	22 12	0 2	20 4	1 33	19 42	14 48	22 55	22 49	14 11	14 50	6 31	
S 27	15 45	22 53	0 14	15 42	1 47	21 40	1 45	23 36	0 42	10 27	1 21	17 52	1 9	22 12	0 2	20 4	1 33	19 41	14 47	22 55	22 49	14 13	14 49	6 31	
S 28	15 27	22 36	0n53	15 2	1 42	21 41	1 41	23 32	0 42	10 30	1 21	17 54	1 9	22 12	0 2	20 4	1 33	19 40	14 47	22 55	22 48	14 15	14 48	6 31	
M29	15 8	21 7	1 58	14 19	1 37	21 41	1 37	23 28	0 43	10 33	1 21	17 55	1 9	22 12	0 2	20 4	1 33	19 40	14 47	22 55	22 48	14 17	14 47	6 32	
T 30	14 49	18 28	3 0	13 36	1 31	21 41	1 34	23 24	0 44	10 36	1 21	17 57	1 9	22 13	0 2	20 4	1 33	19 39	14 47	22 55	22 48	14 19	14 46	6 32	
W31	14s29	14s43	3n53	12s51	1s25	21s40	1n30	23s20	0s44	10n38	1n21	17n58	1n 9	22s13	0n 2	20n 4	1s33	19s38	14s47	22s54	22s47	14s20	14s45	6n32	

ASTRODIENST EPHEMERIS for the year 1565

geocentric

FEBRUARY 1565 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	9 22 57	22° 8'09"	21° 26'	1° 46'	10° 29'	16° 17'	5° 45'	13° 14'	11° 49'	7° 21'	14° 40'	17° 16'	16° 14'	28° 0'	25° 5'	T 1
F 2	9 26 54	23° 8'42"	5° 47'	3° 36'	11° 40'	17° 2'	5° 37'	13° 9'	11° 50'	7° 21'	14° 42'	17° 6'	16° 11'	28° 7'	25° 10'	F 2
S 3	9 30 50	24° 9'14"	20° 19'	5° 26'	12° 51'	17° 47'	5° 30'	13° 4'	11° 52'	7° 20'	14° 43'	16° 55'	16° 8'	28° 13'	25° 15'	S 3
S 4	9 34 47	25° 9'44"	4° 56'	7° 15'	14° 2'	18° 33'	5° 22'	13° 0'	11° 54'	7° 20'	14° 45'	16° 45'	16° 5'	28° 20'	25° 20'	S 4
M 5	9 38 44	26° 10'12"	19° 29'	9° 2'	15° 13'	19° 18'	5° 14'	12° 55'	11° 55'	7° 20'	14° 46'	16° 38'	16° 2'	28° 27'	25° 25'	M 5
T 6	9 42 40	27° 10'38"	3° 55'	10° 49'	16° 24'	20° 3'	5° 7'	12° 50'	11° 57'	7° 20'	14° 48'	16° 34'	15° 58'	28° 33'	25° 29'	T 6
W 7	9 46 37	28° 11'02"	18° 9'	12° 33'	17° 35'	20° 49'	4° 59'	12° 45'	11° 59'	7° 20'	14° 49'	16° 32'	15° 55'	28° 40'	25° 34'	W 7
T 8	9 50 33	29° 11'25"	2° 11'	14° 15'	18° 46'	21° 34'	4° 51'	12° 41'	12° 0'	7° 20'	14° 51'	16° 32'	15° 52'	28° 47'	25° 39'	T 8
F 9	9 54 30	0° 11'45"	15° 56'	15° 54'	19° 57'	22° 19'	4° 43'	12° 36'	12° 1'	7° 20'	14° 52'	16° 32'	15° 49'	28° 53'	25° 43'	F 9
S 10	9 58 26	1° 12'03"	29° 31'	17° 30'	21° 9'	23° 5'	4° 35'	12° 32'	12° 3'	7° 20'	14° 54'	16° 31'	15° 46'	29° 0'	25° 48'	S 10
S 11	10 2 23	2° 12'19"	12° 53'	19° 2'	22° 20'	23° 50'	4° 28'	12° 27'	12° 4'	7° 21'	14° 55'	16° 28'	15° 43'	29° 7'	25° 53'	S 11
M 12	10 6 19	3° 12'34"	26° 4'	20° 29'	23° 32'	24° 36'	4° 20'	12° 23'	12° 5'	7° 21'	14° 57'	16° 23'	15° 39'	29° 14'	25° 57'	M 12
T 13	10 10 16	4° 12'46"	9° 5'	21° 51'	24° 43'	25° 21'	4° 12'	12° 19'	12° 7'	7° 21'	14° 58'	16° 15'	15° 36'	29° 20'	26° 2'	T 13
W 14	10 14 13	5° 12'56"	21° 54'	23° 7'	25° 55'	26° 6'	4° 4'	12° 14'	12° 8'	7° 21'	15° 0'	16° 4'	15° 33'	29° 27'	26° 6'	W 14
T 15	10 18 9	6° 13'04"	4° 33'	24° 17'	27° 6'	26° 52'	3° 56'	12° 10'	12° 9'	7° 21'	15° 1'	15° 51'	15° 30'	29° 34'	26° 10'	T 15
F 16	10 22 6	7° 13'11"	17° 0'	25° 21'	28° 18'	27° 38'	3° 48'	12° 6'	12° 10'	7° 22'	15° 3'	15° 37'	15° 27'	29° 40'	26° 15'	F 16
S 17	10 26 2	8° 13'15"	29° 16'	26° 16'	29° 30'	28° 23'	3° 41'	12° 2'	12° 11'	7° 22'	15° 4'	15° 23'	15° 23'	29° 47'	26° 19'	S 17
S 18	10 29 59	9° 13'18"	11° 22'	27° 4'	0° 41'	29° 9'	3° 33'	11° 58'	12° 12'	7° 23'	15° 6'	15° 11'	15° 20'	29° 54'	26° 23'	S 18
M 19	10 33 55	10° 13'19"	23° 19'	27° 43'	1° 53'	29° 54'	3° 25'	11° 54'	12° 13'	7° 23'	15° 8'	15° 1'	15° 17'	0° 0'	26° 27'	M 19
T 20	10 37 52	11° 13'18"	5° 11'	28° 14'	3° 5'	0° 40'	3° 17'	11° 50'	12° 14'	7° 23'	15° 9'	14° 54'	15° 14'	0° 7'	26° 32'	T 20
W 21	10 41 48	12° 13'16"	16° 58'	28° 36'	4° 17'	1° 26'	3° 9'	11° 46'	12° 14'	7° 24'	15° 11'	14° 49'	15° 11'	0° 14'	26° 36'	W 21
T 22	10 45 45	13° 13'12"	28° 49'	28° 50'	5° 29'	2° 11'	3° 2'	11° 42'	12° 15'	7° 24'	15° 12'	14° 48'	15° 8'	0° 20'	26° 40'	T 22
F 23	10 49 42	14° 13'06"	10° 46'	28° 54'	6° 41'	2° 57'	2° 54'	11° 38'	12° 16'	7° 25'	15° 14'	14° 47'	15° 4'	0° 27'	26° 44'	F 23
S 24	10 53 38	15° 12'59"	22° 57'	28° 49'	7° 53'	3° 43'	2° 47'	11° 35'	12° 16'	7° 25'	15° 15'	14° 47'	15° 1'	0° 34'	26° 48'	S 24
S 25	10 57 35	16° 12'50"	5° 25'	28° 36'	9° 5'	4° 28'	2° 39'	11° 31'	12° 17'	7° 26'	15° 17'	14° 46'	14° 58'	0° 40'	26° 52'	S 25
M 26	11 1 31	17° 12'40"	18° 16'	28° 15'	10° 17'	5° 14'	2° 32'	11° 28'	12° 18'	7° 27'	15° 19'	14° 43'	14° 55'	0° 47'	26° 56'	M 26
T 27	11 5 28	18° 12'27"	1° 34'	27° 47'	11° 29'	6° 0'	2° 24'	11° 24'	12° 18'	7° 27'	15° 20'	14° 38'	14° 52'	0° 54'	27° 0'	T 27
W 28	11 9 24	19° 12'13"	15° 21'	27° 11'	12° 41'	6° 46'	2° 17'	11° 21'	12° 18'	7° 28'	15° 22'	14° 30'	14° 48'	1° 0'	27° 3'	W 28

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	14s10	10s 5	4n33	12s 5	1s18	21s39	1n26	23s15	0s45	10n41	1n21	18n 0	1n 9	22s13	0n 2	T 1
F 2	13 50	4 49	4 57	11 18	1 10	21 37	1 23	23 10	0 46	10 44	1 22	18 1	1 9	22 13	0 2	F 2
S 3	13 30	0n47	5 2	10 29	1 1	21 34	1 19	23 5	0 47	10 47	1 22	18 3	1 10	22 14	0 2	S 3
S 4	13 10	6 22	4 48	9 41	0 52	21 30	1 15	22 59	0 47	10 50	1 22	18 4	1 10	22 14	0 2	S 4
M 5	12 49	11 34	4 15	8 51	0 42	21 26	1 12	22 54	0 48	10 53	1 22	18 5	1 10	22 14	0 2	M 5
T 6	12 29	16 5	3 26	8 1	0 32	21 22	1 8	22 48	0 49	10 56	1 22	18 7	1 10	22 14	0 2	T 6
W 7	12 8	19 35	2 25	7 11	0 21	21 17	1 4	22 41	0 49	10 59	1 22	18 8	1 10	22 15	0 2	W 7
T 8	11 47	21 52	1 16	6 21	0 9	21 11	1 0	22 35	0 50	11 2	1 22	18 10	1 10	22 15	0 2	T 8
F 9	11 26	22 48	0 3	5 31	0n 3	21 5	0 57	22 28	0 51	11 5	1 22	18 11	1 10	22 15	0 2	F 9
S 10	11 4	22 21	1s 8	4 42	0 16	20 58	0 53	22 22	0 51	11 8	1 23	18 12	1 10	22 15	0 2	S 10
S 11	10 43	20 38	2 15	3 54	0 30	20 50	0 49	22 14	0 52	11 11	1 23	18 14	1 10	22 15	0 2	S 11
M 12	10 21	17 49	3 13	3 7	0 43	20 42	0 45	22 7	0 53	11 14	1 23	18 15	1 10	22 16	0 2	M 12
T 13	9 59	14 10	4 0	2 21	0 58	20 33	0 42	21 59	0 53	11 17	1 23	18 16	1 10	22 16	0 2	T 13
W 14	9 37	9 55	4 34	1 38	1 12	20 24	0 38	21 52	0 54	11 20	1 23	18 17	1 10	22 16	0 2	W 14
T 15	9 15	5 18	4 54	0 57	1 26	20 14	0 34	21 44	0 55	11 22	1 23	18 19	1 10	22 16	0 2	T 15
F 16	8 53	0 32	5 0	0 19	1 41	20 3	0 31	21 35	0 55	11 25	1 23	18 20	1 10	22 16	0 2	F 16
S 17	8 30	4s10	4 51	0n16	1 55	19 52	0 27	21 27	0 56	11 28	1 23	18 21	1 10	22 16	0 2	S 17
S 18	8 8	8 38	4 30	0 48	2 9	19 40	0 23	21 18	0 57	11 31	1 23	18 22	1 10	22 16	0 2	S 18
M 19	7 45	12 44	3 57	1 16	2 22	19 28	0 20	21 9	0 57	11 34	1 23	18 23	1 10	22 17	0 2	M 19
T 20	7 22	16 18	3 13	1 40	2 35	19 15	0 16	21 0	0 58	11 37	1 23	18 24	1 10	22 17	0 2	T 20
W 21	7 0	19 12	2 21	2 0	2 47	19 2	0 13	20 50	0 59	11 40	1 23	18 26	1 10	22 17	0 2	W 21
T 22	6 37	21 18	1 24	2 15	2 58	18 48	0 9	20 41	0 59	11 43	1 23	18 27	1 10	22 17	0 2	T 22
F 23	6 13	22 28	0 21	2 26	3 8	18 33	0 6	20 31	1 0	11 45	1 23	18 28	1 10	22 17	0 2	F 23
S 24	5 50	22 35	0n43	2 33	3 17	18 18	0 2	20 21	1 1	11 48	1 23	18 29	1 10	22 17	0 2	S 24
S 25	5 27	21 36	1 47	2 34	3 24	18 3	0s 1	20 11	1 1	11 51	1 23	18 30	1 10	22 17	0 2	S 25
M 26	5 4	19 29	2 47	2 31	3 30	17 47	0 5	20 0	1 2	11 53	1 23	18 31	1 11	22 17	0 2	M 26
T 27	4 40	16 16	3 41	2 23	3 34	17 30	0 8	19 49	1 2	11 56	1 23	18 32	1 11	22 17	0 2	T 27
W 28	4s17	12s 5	4n23	2n11	3n37	17s13	0s11	19s39	1s 3	11n59	1n23	18n33	1n11	22s17	0n 2	W 28

Julian Day Number = 2292705.5, Delta T = 148.25 sec

Ecliptic obliquity = 23°29'43", Nutation = 0°00'18", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°40'17", Lahiri = 17°47'17" Julian Calendar 1 Feb. 1565 == Greg. Calendar 11 Feb. 1565

ASTRODIENST EPHEMERIS for the year 1565

geocentric

MARCH 1565 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	11 13 21	20°11'57	29°35	26°R30	13°54	7°32	2°R10	11°R18	12°19	7°II29	15°23	14°R20	14°45	1°11 7	27°7	T 1
F 2	11 17 17	21°11'38	14°13	25°44	15° 6	8°17	2°11 3	11°14	12°19	7°30	15°25	14°49	14°42	1°14	27°11	F 2
S 3	11 21 14	22°11'18	29° 7	24°54	16°18	9° 3	1°56	11°11	12°19	7°30	15°26	13°57	14°39	1°21	27°14	S 3
S 4	11 25 10	23°10'56	14°8	24° 1	17°30	9°49	1°49	11° 8	12°20	7°31	15°28	13°46	14°36	1°27	27°18	S 4
M 5	11 29 7	24°10'32	29° 7	23° 7	18°43	10°35	1°42	11° 5	12°20	7°32	15°29	13°38	14°33	1°34	27°21	M 5
T 6	11 33 4	25°10'05	13°54	22°12	19°55	11°21	1°35	11° 3	12°20	7°33	15°31	13°33	14°29	1°41	27°25	T 6
W 7	11 37 0	26° 9'37	28°25	21°19	21° 7	12° 7	1°29	11° 0	12°R20	7°34	15°33	13°30	14°26	1°47	27°28	W 7
T 8	11 40 57	27° 9'06	12°II35	20°27	22°20	12°53	1°22	10°57	12°20	7°35	15°34	13°D30	14°23	1°54	27°32	T 8
F 9	11 44 53	28° 8'32	26°24	19°37	23°32	13°38	1°16	10°55	12°20	7°36	15°36	13°R30	14°20	2° 1	27°35	F 9
S 10	11 48 50	29° 7'56	9°53	18°52	24°45	14°24	1°10	10°52	12°20	7°37	15°37	13°30	14°17	2° 7	27°38	S 10
S 11	11 52 46	0°7'18	23° 5	18°10	25°57	15°10	1° 3	10°50	12°20	7°38	15°39	13°27	14°14	2°14	27°41	S 11
M12	11 56 43	1° 6'38	6°11	17°34	27° 9	15°56	0°57	10°48	12°19	7°39	15°40	13°23	14°10	2°21	27°44	M12
T 13	12 0 39	2° 5'55	18°45	17° 2	28°22	16°42	0°52	10°45	12°19	7°40	15°42	13°16	14° 7	2°27	27°47	T 13
W14	12 4 36	3° 5'10	1°11	16°37	29°34	17°28	0°46	10°43	12°19	7°41	15°43	13° 6	14° 4	2°34	27°50	W14
T 15	12 8 33	4° 4'22	13°38	16°16	0°47	18°14	0°40	10°41	12°18	7°43	15°45	12°54	14° 1	2°41	27°53	T 15
F 16	12 12 29	5° 3'33	25°51	16° 2	2° 0	19° 0	0°35	10°40	12°18	7°44	15°46	12°41	13°58	2°47	27°56	F 16
S 17	12 16 26	6° 2'41	7°57	15°53	3°12	19°46	0°29	10°38	12°17	7°45	15°48	12°29	13°54	2°54	27°59	S 17
S 18	12 20 22	7° 1'47	19°55	15°D50	4°25	20°32	0°24	10°36	12°17	7°46	15°49	12°18	13°51	3° 1	28° 2	S 18
M19	12 24 19	8° 0'51	1°11	15°52	5°37	21°18	0°19	10°35	12°16	7°48	15°51	12° 9	13°48	3° 7	28° 4	M19
T 20	12 28 15	8°59'54	13°36	16° 0	6°50	22° 4	0°14	10°33	12°16	7°49	15°52	12° 2	13°45	3°14	28° 7	T 20
W21	12 32 12	9°58'54	25°24	16°13	8° 2	22°50	0°10	10°32	12°15	7°50	15°54	11°58	13°42	3°21	28°10	W21
T 22	12 36 8	10°57'53	7°15	16°31	9°15	23°36	0° 5	10°31	12°14	7°52	15°55	11°D57	13°39	3°27	28°12	T 22
F 23	12 40 5	11°56'50	19°13	16°54	10°28	24°22	0° 1	10°30	12°14	7°53	15°56	11°57	13°35	3°34	28°14	F 23
S 24	12 44 2	12°55'45	1°32	17°22	11°40	25° 8	29°157	10°29	12°13	7°55	15°58	11°58	13°32	3°41	28°17	S 24
S 25	12 47 58	13°54'38	13°48	17°53	12°53	25°54	29°53	10°28	12°12	7°56	15°59	11°R58	13°29	3°47	28°19	S 25
M26	12 51 55	14°53'30	26°36	18°29	14° 6	26°40	29°49	10°27	12°11	7°57	16° 1	11°57	13°26	3°54	28°21	M26
T 27	12 55 51	15°52'19	9°49	19° 9	15°19	27°26	29°45	10°26	12°10	7°59	16° 2	11°55	13°23	4° 1	28°23	T 27
W28	12 59 48	16°51'07	23°32	19°52	16°31	28°12	29°42	10°26	12° 9	8° 0	16° 3	11°50	13°20	4° 8	28°25	W28
T 29	13 3 44	17°49'53	7°44	20°39	17°44	28°58	29°38	10°25	12° 8	8° 2	16° 5	11°43	13°16	4°14	28°27	T 29
F 30	13 7 41	18°48'38	22°22	21°30	18°57	29°44	29°35	10°25	12° 7	8° 4	16° 6	11°36	13°13	4°21	28°29	F 30
S 31	13 11 37	19°47'20	7°22	22°43	20°10	0°30	29°132	10°24	12° 6	8°II 5	16°8	11°27	13°10	4°28	28°31	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	3s53	7s 6	4n51	1n55	3n37	16s56	0s15	19s27	1s 4	12n 1	1n23	18n34	1n11	22s17	0n 2	20n 7
F 2	3 30	1 36	5 1	1 36	3 35	16 38	0 18	19 16	1 4	12 4	1 23	18 34	1 11	22 17	0 2	20 7
S 3	3 6	4n 5	4 50	1 12	3 32	16 19	0 21	19 5	1 5	12 6	1 23	18 35	1 11	22 18	0 2	20 7
S 4	2 43	9 35	4 20	0 47	3 26	16 0	0 24	18 53	1 6	12 9	1 23	18 36	1 11	22 18	0 2	20 7
M 5	2 19	14 29	3 32	0 19	3 19	15 41	0 27	18 41	1 6	12 11	1 23	18 37	1 11	22 18	0 2	20 7
T 6	1 55	18 26	2 30	0s11	3 10	15 21	0 30	18 29	1 7	12 14	1 23	18 38	1 11	22 18	0 2	20 8
W 7	1 32	21 8	1 19	0 42	3 0	15 1	0 33	18 17	1 7	12 16	1 23	18 39	1 11	22 18	0 2	20 8
T 8	1 8	22 26	0 5	1 13	2 48	14 40	0 36	18 4	1 8	12 18	1 23	18 39	1 11	22 18	0 2	20 8
F 9	0 44	22 19	1s 8	1 44	2 35	14 19	0 39	17 52	1 9	12 20	1 23	18 40	1 11	22 18	0 2	20 8
S 10	0 21	20 53	2 15	2 15	2 21	13 58	0 42	17 39	1 9	12 23	1 23	18 41	1 11	22 18	0 2	20 8
S 11	0n 3	18 20	3 14	2 45	2 7	13 36	0 44	17 26	1 10	12 25	1 23	18 41	1 11	22 18	0 2	20 9
M12	0 27	14 55	4 1	3 13	1 52	13 13	0 47	17 13	1 10	12 27	1 23	18 42	1 11	22 18	0 2	20 9
T 13	0 50	10 53	4 35	3 39	1 36	12 51	0 50	17 0	1 11	12 29	1 23	18 42	1 10	22 18	0 2	20 9
W14	1 14	6 26	4 56	4 4	1 20	12 28	0 52	16 46	1 12	12 31	1 22	18 43	1 10	22 18	0 2	20 9
T 15	1 37	1 48	5 2	4 26	1 5	12 5	0 55	16 33	1 12	12 33	1 22	18 43	1 10	22 17	0 2	20 10
F 16	2 1	2s51	4 54	4 46	0 39	11 41	0 57	16 19	1 13	12 35	1 22	18 44	1 10	22 17	0 2	20 10
S 17	2 24	7 20	4 33	5 3	0 34	11 17	1 0	16 5	1 13	12 36	1 22	18 44	1 10	22 17	0 2	20 10
S 18	2 48	11 30	4 0	5 19	0 19	10 53	1 2	15 51	1 14	12 38	1 22	18 45	1 10	22 17	0 2	20 10
M19	3 11	15 12	3 17	5 31	0 4	10 28	1 4	15 36	1 14	12 40	1 22	18 45	1 10	22 17	0 2	20 11
T 20	3 34	18 16	2 25	5 41	0s10	10 3	1 6	15 22	1 15	12 41	1 22	18 46	1 10	22 17	0 2	20 11
W21	3 58	20 34	1 27	5 48	0 23	9 38	1 9	15 8	1 15	12 43	1 22	18 46	1 10	22 17	0 2	20 11
T 22	4 21	21 59	0 25	5 53	0 36	9 12	1 11	14 53	1 16	12 44	1 22	18 46	1 10	22 17	0 2	20 11
F 23	4 44	22 25	0n39	5 56	0 49	8 47	1 13	14 38	1 17	12 46	1 21	18 47	1 10	22 17	0 2	20 12
S 24	5 7	21 47	1 42	5 56	1 1	8 21	1 14	14 23	1 17	12 47	1 21	18 47	1 10	22 17	0 2	20 12
S 25	5 30	20 5	2 42	5 54	1 12	7 55	1 16	14 8	1 18	12 48	1 21	18 47	1 10	22 17	0 2	20 12
M26	5 53	17 21	3 36	5 50	1 23	7 28	1 18	13 53	1 18	12 50	1 21	18 47	1 10	22 17	0 2	20 13
T 27	6 16	13 39	4 20	5 43	1 33	7 2	1 20	13 37	1 19	12 51	1 21	18 47	1 10	22 16	0 2	20 13
W28	6 38	9 7	4 51	5 35	1 42	6 35	1 21	13 22	1 19	12 52	1 21	18 48	1 10	22 16	0 2	20 13
T 29	7 1	3 58	5 6	5 24	1 51	6 8	1 23	13 6	1 20	12 53	1 21	18 48	1 10	22 16	0 2	20 13
F 30	7 23	1n35	5 1	5 12	1 59	5 41	1 24	12 51	1 20	12 54	1 21	18 48	1 10	22 16	0 2	20 14
S 31	7n45	7n 9	4n36	4s57	2s 6	5s13	1s26	12s35	1s21	12n55	1n20	18n48	1n10	22s16	0n 2	20n14

Julian Day Number = 2292733.5, Delta T = 148.09 sec

Ecliptic obliquity = 23°29'43", Nutation = 0°00'17", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°40'21", Lahiri = 17°47'21" Julian Calendar 1 March 1565 == Greg. Calendar 11 March 1565

ASTRODIENST EPHEMERIS for the year 1565

geocentric

JUNE 1565 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	17 16 4	19II33'20	23☾13	11☾17	5II37	17V14	2♂10	13♂24	9R56	10II13	16K57	10R13	9R53	11M21	28R 6	F 1
S 2	17 20 0	20°30'37	7♂ 4	12°48	6°51	17°58	2°18	13°29	9R54	10°15	16°57	10R12	9°50	11°28	28R 4	S 2
S 3	17 23 57	21°27'52	20°29	14°18	8° 4	18°41	2°25	13°35	9°52	10°18	16°57	10°10	9°47	11°34	28° 1	S 3
M 4	17 27 54	22°25'07	3♂29	15°44	9°17	19°25	2°33	13°41	9°49	10°20	16°57	10° 9	9°43	11°41	27°59	M 4
T 5	17 31 50	23°22'14	16° 7	17° 8	10°30	20° 9	2°41	13°46	9°47	10°22	16°58	10° 9	9°40	11°48	27°56	T 5
W 6	17 35 47	24°19'34	28°27	18°29	11°44	20°52	2°49	13°52	9°44	10°24	16°58	10°D 9	9°37	11°54	27°54	W 6
T 7	17 39 43	25°16'47	10♂31	19°48	12°57	21°36	2°57	13°58	9°42	10°26	16R58	10° 9	9°34	12° 1	27°51	T 7
F 8	17 43 40	26°13'59	22°27	21° 3	14°11	22°19	3° 5	14° 4	9°40	10°29	16°58	10°10	9°31	12° 8	27°48	F 8
S 9	17 47 36	27°11'11	4♂16	22°16	15°24	23° 2	3°13	14°10	9°37	10°31	16°58	10°12	9°28	12°14	27°45	S 9
S 10	17 51 33	28° 8'22	16° 5	23°26	16°37	23°46	3°22	14°16	9°35	10°33	16°57	10°13	9°24	12°21	27°43	S 10
M 11	17 55 29	29° 5'32	27°57	24°33	17°51	24°29	3°30	14°22	9°33	10°35	16°57	10°14	9°21	12°28	27°40	M 11
T 12	17 59 26	0♂ 2'43	9R55	25°37	19° 4	25°12	3°39	14°28	9°31	10°37	16°57	10R15	9°18	12°34	27°37	T 12
W 13	18 3 23	0°59'53	22° 1	26°38	20°18	25°55	3°47	14°35	9°28	10°39	16°57	10°14	9°15	12°41	27°34	W 13
T 14	18 7 19	1°57'03	4♂19	27°36	21°31	26°38	3°56	14°41	9°26	10°42	16°57	10°13	9°12	12°48	27°31	T 14
F 15	18 11 16	2°54'13	16°48	28°31	22°44	27°21	4° 5	14°47	9°24	10°44	16°57	10°10	9° 9	12°54	27°28	F 15
S 16	18 15 12	3°51'23	29°31	29°22	23°58	28° 3	4°14	14°54	9°22	10°46	16°57	10° 7	9° 5	13° 1	27°25	S 16
S 17	18 19 9	4°48'32	12♂28	0♂ 9	25°11	28°46	4°23	15° 0	9°20	10°48	16°56	10° 3	9° 2	13° 8	27°22	S 17
M 18	18 23 5	5°45'42	25°38	0°53	26°25	29°29	4°33	15° 6	9°17	10°50	16°56	10° 0	8°59	13°14	27°18	M 18
T 19	18 27 2	6°42'53	9R 2	1°33	27°38	0♂11	4°42	15°13	9°15	10°52	16°56	9°57	8°56	13°21	27°15	T 19
W 20	18 30 58	7°40'03	22°41	2° 9	28°52	0°54	4°51	15°20	9°13	10°54	16°56	9°54	8°53	13°28	27°12	W 20
T 21	18 34 55	8°37'14	6V33	2°42	0♂ 6	1°36	5° 1	15°26	9°11	10°56	16°55	9°D54	8°49	13°34	27° 9	T 21
F 22	18 38 52	9°34'25	20°38	3°10	1°19	2°18	5°11	15°33	9° 9	10°58	16°55	9°54	8°46	13°41	27° 5	F 22
S 23	18 42 48	10°31'37	4♂54	3°34	2°33	3° 0	5°20	15°40	9° 7	11° 0	16°55	9°55	8°43	13°48	27° 2	S 23
S 24	18 46 45	11°28'49	19°21	3°53	3°46	3°42	5°30	15°46	9° 5	11° 2	16°54	9°57	8°40	13°54	26°59	S 24
M 25	18 50 41	12°26'02	3II53	4° 8	5° 0	4°24	5°40	15°53	9° 3	11° 4	16°54	9R58	8°37	14° 1	26°56	M 25
T 26	18 54 38	13°23'15	18°27	4°18	6°14	5° 6	5°50	16° 0	9° 1	11° 6	16°54	9°57	8°34	14° 8	26°52	T 26
W 27	18 58 34	14°20'29	2♂58	4°24	7°27	5°48	6° 0	16° 7	8°59	11° 8	16°53	9°56	8°30	14°14	26°49	W 27
T 28	19 2 31	15°17'43	17°19	4R25	8°41	6°30	6°10	16°14	8°58	11°10	16°53	9°52	8°27	14°21	26°45	T 28
F 29	19 6 27	16°14'57	1♂25	4°21	9°55	7°11	6°21	16°21	8°56	11°12	16°52	9°48	8°24	14°28	26°42	F 29
S 30	19 10 24	17☾12'11	15♂11	4♂12	11☾ 8	7♂53	6♂31	16♂28	8R54	11II14	16K52	9R42	8R21	14M34	26☾39	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	23n 5	17n56	3s37	24n56	1n55	20n38	0s40	5n19	1s35	11n49	1n10	17n55	1n 8	21s58	0n 1	20n35	1s28	19s 4	15s 9	22s 2	21s59	17s37	13s19	7n25			
S 2	23 9	14 16	4 26	24 43	1 51	20 53	0 38	5 36	1 35	11 46	1 10	17 54	1 8	21 58	0 1	20 35	1 28	19 4	15 10	22 2	21 59	17 38	13 19	7 25			
S 3	23 13	9 58	4 58	24 30	1 47	21 7	0 35	5 53	1 35	11 43	1 10	17 52	1 8	21 58	0 1	20 35	1 28	19 4	15 10	22 2	21 58	17 39	13 19	7 26			
M 4	23 17	5 21	5 15	24 15	1 41	21 21	0 33	6 10	1 34	11 40	1 10	17 51	1 8	21 57	0 1	20 36	1 28	19 5	15 10	22 1	21 58	17 41	13 19	7 26			
T 5	23 20	0 39	5 15	23 58	1 35	21 34	0 31	6 26	1 34	11 37	1 10	17 49	1 8	21 57	0 1	20 36	1 28	19 5	15 11	22 1	21 57	17 42	13 20	7 27			
W 6	23 22	3s59	5 1	23 41	1 29	21 47	0 28	6 43	1 34	11 34	1 9	17 47	1 8	21 57	0 1	20 36	1 28	19 5	15 11	22 1	21 57	17 43	13 20	7 27			
T 7	23 25	8 22	4 34	23 23	1 22	21 58	0 26	6 59	1 34	11 31	1 9	17 46	1 8	21 56	0 1	20 37	1 28	19 6	15 12	22 1	21 56	17 45	13 20	7 27			
F 8	23 26	12 23	3 55	23 3	1 14	22 10	0 24	7 15	1 34	11 28	1 9	17 44	1 8	21 56	0 1	20 37	1 28	19 6	15 12	22 2	21 56	17 46	13 20	7 27			
S 9	23 28	15 53	3 6	22 44	1 5	22 20	0 21	7 32	1 34	11 25	1 9	17 42	1 8	21 56	0 1	20 37	1 28	19 6	15 12	22 2	21 55	17 47	13 20	7 28			
S 10	23 29	18 45	2 10	22 23	0 56	22 30	0 19	7 48	1 34	11 22	1 9	17 40	1 8	21 55	0 1	20 37	1 28	19 7	15 13	22 2	21 55	17 49	13 21	7 28			
M11	23 29	20 51	1 7	22 2	0 47	22 40	0 16	8 4	1 33	11 19	1 9	17 38	1 8	21 55	0 1	20 38	1 28	19 7	15 13	22 2	21 54	17 50	13 21	7 28			
T 12	23 30	22 1	0 2	21 40	0 37	22 49	0 14	8 20	1 33	11 16	1 9	17 37	1 8	21 55	0 1	20 38	1 28	19 8	15 13	22 2	21 54	17 51	13 21	7 28			
W13	23 29	22 11	1n 5	21 18	0 26	22 57	0 12	8 35	1 33	11 12	1 9	17 35	1 8	21 54	0 1	20 38	1 28	19 8	15 14	22 2	21 53	17 53	13 22	7 29			
T 14	23 29	21 17	2 9	20 56	0 15	23 4	0 9	8 51	1 33	11 9	1 8	17 33	1 8	21 54	0 1	20 39	1 28	19 8	15 14	22 2	21 53	17 54	13 22	7 29			
F 15	23 28	19 20	3 8	20 34	0 3	23 11	0 7	9 7	1 33	11 6	1 8	17 31	1 8	21 54	0 1	20 39	1 28	19 9	15 15	22 2	21 52	17 55	13 22	7 29			
S 16	23 26	16 24	3 59	20 11	0s 9	23 17	0 4	9 22	1 32	11 2	1 8	17 29	1 8	21 53	0 1	20 39	1 28	19 9	15 15	22 1	21 52	17 56	13 23	7 29			
S 17	23 24	12 39	4 38	19 49	0 21	23 23	0 2	9 38	1 32	10 59	1 8	17 27	1 8	21 53	0 1	20 39	1 28	19 10	15 15	22 1	21 51	17 58	13 23	7 30			
M18	23 22	8 14	5 4	19 27	0 34	23 27	0n 1	9 53	1 32	10 55	1 8	17 25	1 8	21 53	0 1	20 40	1 28	19 10	15 16	22 0	21 51	17 59	13 23	7 30			
T 19	23 19	3 21	5 14	19 5	0 48	23 31	0 3	10 8	1 32	10 52	1 8	17 24	1 8	21 52	0 1	20 40	1 28	19 10	15 16	22 0	21 50	18 0	13 24	7 30			
W20	23 16	1n46	5 6	18 43	1 2	23 35	0 5	10 23	1 31	10 48	1 8	17 22	1 8	21 52	0 1	20 40	1 28	19 11	15 16	21 59	21 50	18 2	13 24	7 30			
T 21	23 13	6 54	4 41	18 23	1 16	23 38	0 8	10 38	1 31	10 45	1 8	17 20	1 8	21 52	0 1	20 41	1 28	19 11	15 17	21 59	21 49	18 3	13 24	7 30			
F 22	23 9	11 45	3 58	18 2	1 30	23 40	0 10	10 53	1 31	10 41	1 7	17 18	1 8	21 52	0 1	20 41	1 28	19 12	15 17	21 59	21 49	18 4	13 25	7 31			
S 23	23 5	16 1	3 0	17 43	1 44	23 41	0 13	11 8	1 30	10 37	1 7	17 16	1 8	21 51	0 1	20 41	1 28	19 12	15 17	21 59	21 48	18 5	13 25	7 31			
S 24	23 0	19 23	1 51	17 24	1 59	23 41	0 15	11 22	1 30	10 33	1 7	17 14	1 8	21 51	0 1	20 41	1 28	19 13	15 18	22 0	21 48	18 7	13 26	7 31			
M25	22 55	21 31	0 33	17 6	2 14	23 41	0 17	11 37	1 30	10 30	1 7	17 12	1 8	21 51	0 1	20 42	1 28	19 13	15 18	22 0	21 47	18 8	13 26	7 31			
T 26	22 49	22 13	0s46	16 49	2 29	23 40	0 20	11 51	1 29	10 26	1 7	17 10	1 8	21 50	0 1	20 42	1 28	19 14	15 18	22 0	21 47	18 9	13 27	7 31			
W27	22 43	21 25	2 2	16 33	2 43	23 39	0 22	12 5	1 29	10 22	1 7	17 8	1 8	21 50	0 1	20 42	1 29	19 14	15 19	21 59	21 46	18 10	13 27	7 31			
T 28	22 37	19 14	3 10	16 19	2 58	23 37	0 24	12 19	1 29	10 18	1 7	17 5	1 8	21 50	0 1	20 42	1 29	19 15	15 19	21 59	21 46	18 11	13 28	7 31			
F 29	22 30	15 55	4 4	16 6	3 12	23 34	0 27	12 33	1 28	10 14	1 7	17 3	1 8	21 50	0 1	20 43	1 29	19 15	15 19	21 58	21 45	18 13	13 28	7 32			
S 30	22n23	11n49	4s43	15n55	3s26	23n30	0n29	12n47	1s28	10n10	1n 7	17n 1	1n 8	21s49	0n 1	20n43	1s29	19s16	15s20	21s57	21s45	18s14	13s29	7n32			

ASTRODIENST EPHEMERIS for the year 1565

geocentric

JULY 1565 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	19 14 21	18° 9'26"	28° 35'	3° R58	12° 22'	8° 34'	6° 41'	16° 35'	8° R52	11° 16'	16° R51	9° R36	8° 18'	14° 41'	26° R35	S 1
M 2	19 18 17	19° 6'41"	11° 36'	3° 40'	13° 36'	9° 15'	6° 52'	16° 42'	8° 51'	11° 18'	16° 51'	9° 30'	8° 15'	14° 47'	26° 32'	M 2
T 3	19 22 14	20° 3'56"	24° 15'	3° 18'	14° 50'	9° 56'	7° 2'	16° 49'	8° 49'	11° 19'	16° 50'	9° 26'	8° 11'	14° 54'	26° 28'	T 3
W 4	19 26 10	21° 1'12"	6° 36'	2° 51'	16° 3'	10° 37'	7° 13'	16° 56'	8° 47'	11° 21'	16° 49'	9° 23'	8° 8'	15° 1'	26° 25'	W 4
T 5	19 30 7	21° 58'27"	18° 41'	2° 20'	17° 17'	11° 18'	7° 24'	17° 3'	8° 46'	11° 23'	16° 49'	9° D22	8° 5'	15° 7'	26° 21'	T 5
F 6	19 34 3	22° 55'43"	0° 36'	1° 46'	18° 31'	11° 59'	7° 35'	17° 10'	8° 44'	11° 25'	16° 48'	9° 22'	8° 2'	15° 14'	26° 18'	F 6
S 7	19 38 0	23° 53'00"	12° 26'	1° 8'	19° 45'	12° 40'	7° 46'	17° 18'	8° 43'	11° 27'	16° 48'	9° 23'	7° 59'	15° 21'	26° 14'	S 7
S 8	19 41 56	24° 50'16"	24° 16'	0° 28'	20° 59'	13° 20'	7° 56'	17° 25'	8° 41'	11° 28'	16° 47'	9° 25'	7° 55'	15° 27'	26° 11'	S 8
M 9	19 45 53	25° 47'34"	6° 10'	29° 46'	22° 13'	14° 1'	8° 8'	17° 32'	8° 40'	11° 30'	16° 46'	9° R26	7° 52'	15° 34'	26° 7'	M 9
T 10	19 49 50	26° 44'51"	18° 13'	29° 4'	23° 26'	14° 41'	8° 19'	17° 40'	8° 39'	11° 32'	16° 46'	9° 25'	7° 49'	15° 41'	26° 4'	T 10
W 11	19 53 46	27° 42'10"	0° 29'	28° 20'	24° 40'	15° 21'	8° 30'	17° 47'	8° 37'	11° 33'	16° 45'	9° 23'	7° 46'	15° 47'	26° 0'	W 11
T 12	19 57 43	28° 39'29"	13° 0'	27° 37'	25° 54'	16° 1'	8° 41'	17° 54'	8° 36'	11° 35'	16° 44'	9° 19'	7° 43'	15° 54'	25° 57'	T 12
F 13	20 1 39	29° 36'48"	25° 48'	26° 55'	27° 8'	16° 41'	8° 52'	18° 2'	8° 35'	11° 37'	16° 43'	9° 13'	7° 40'	16° 1'	25° 53'	F 13
S 14	20 5 36	0° 34'09"	8° 52'	26° 15'	28° 22'	17° 21'	9° 4'	18° 9'	8° 33'	11° 38'	16° 43'	9° 5'	7° 36'	16° 7'	25° 50'	S 14
S 15	20 9 32	1° 31'30"	22° 12'	25° 38'	29° 36'	18° 1'	9° 15'	18° 16'	8° 32'	11° 40'	16° 42'	8° 56'	7° 33'	16° 14'	25° 46'	S 15
M 16	20 13 29	2° 28'52"	5° 46'	25° 4'	0° 50'	18° 40'	9° 27'	18° 24'	8° 31'	11° 42'	16° 41'	8° 47'	7° 30'	16° 21'	25° 43'	M 16
T 17	20 17 25	3° 26'15"	19° 31'	24° 34'	2° 4'	19° 20'	9° 38'	18° 31'	8° 30'	11° 43'	16° 40'	8° 40'	7° 27'	16° 27'	25° 40'	T 17
W 18	20 21 22	4° 23'39"	3° 25'	24° 8'	3° 18'	19° 59'	9° 50'	18° 39'	8° 29'	11° 45'	16° 39'	8° 34'	7° 24'	16° 34'	25° 36'	W 18
T 19	20 25 19	5° 21'05"	17° 25'	23° 48'	4° 32'	20° 38'	10° 1'	18° 46'	8° 28'	11° 46'	16° 39'	8° 31'	7° 20'	16° 41'	25° 33'	T 19
F 20	20 29 15	6° 18'31"	1° 31'	23° 34'	5° 46'	21° 18'	10° 13'	18° 54'	8° 27'	11° 48'	16° 38'	8° D29	7° 17'	16° 47'	25° 29'	F 20
S 21	20 33 12	7° 16'00"	15° 39'	23° 25'	7° 0'	21° 56'	10° 25'	19° 1'	8° 26'	11° 49'	16° 37'	8° 29'	7° 14'	16° 54'	25° 26'	S 21
S 22	20 37 8	8° 13'29"	29° 49'	23° D23	8° 14'	22° 35'	10° 37'	19° 9'	8° 25'	11° 50'	16° 36'	8° 30'	7° 11'	17° 1'	25° 23'	S 22
M 23	20 41 5	9° 11'00"	14° 0'	23° 28'	9° 28'	23° 14'	10° 49'	19° 17'	8° 25'	11° 52'	16° 35'	8° R30	7° 8'	17° 7'	25° 19'	M 23
T 24	20 45 1	10° 8'33"	28° 10'	23° 39'	10° 42'	23° 52'	11° 1'	19° 24'	8° 24'	11° 53'	16° 34'	8° 29'	7° 5'	17° 14'	25° 16'	T 24
W 25	20 48 58	11° 6'06"	12° 51'	23° 57'	11° 57'	24° 31'	11° 13'	19° 32'	8° 23'	11° 55'	16° 33'	8° 25'	7° 1'	17° 21'	25° 13'	W 25
T 26	20 52 54	12° 3'41"	26° 13'	24° 23'	13° 11'	25° 9'	11° 25'	19° 39'	8° 22'	11° 56'	16° 32'	8° 18'	6° 58'	17° 27'	25° 9'	T 26
F 27	20 56 51	13° 1'18"	9° 59'	24° 55'	14° 25'	25° 47'	11° 37'	19° 47'	8° 22'	11° 57'	16° 31'	8° 9'	6° 55'	17° 34'	25° 6'	F 27
S 28	21 0 48	13° 58'55"	23° 31'	25° 34'	15° 39'	26° 25'	11° 49'	19° 55'	8° 21'	11° 58'	16° 30'	7° 59'	6° 52'	17° 41'	25° 3'	S 28
S 29	21 4 44	14° 56'33"	6° 44'	26° 19'	16° 53'	27° 2'	12° 1'	20° 2'	8° 21'	12° 0'	16° 29'	7° 48'	6° 49'	17° 47'	25° 0'	S 29
M 30	21 8 41	15° 54'13"	19° 39'	27° 12'	18° 7'	27° 40'	12° 13'	20° 10'	8° 20'	12° 1'	16° 28'	7° 37'	6° 46'	17° 54'	24° 56'	M 30
T 31	21 12 37	16° 51'54"	2° 15'	28° 11'	19° 22'	28° 17'	12° 25'	20° 18'	8° 20'	12° 2'	16° 27'	7° 28'	6° 42'	18° 0'	24° 53'	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
S 1	22n16	7n13	5 s 5	15n45	3s40	23n26	0n31	13n 1	1 s27	10n 6	1n 7	16n59	1n 8	21 s49	0n 1	20n43	1 s29	19s16	15s20	21 s56	21 s44	18s15	13s29	7n32			
M 2	22 8	2 27	5 10	15 37	3 52	23 21	0 33	13 14	1 27	10 2	1 6	16 57	1 8	21 49	0 1	20 43	1 29	19 17	15 20	21 56	21 44	18 16	13 30	7 32			
T 3	21 59	2s19	5 0	15 30	4 4	23 15	0 35	13 28	1 27	9 58	1 6	16 55	1 8	21 49	0 1	20 44	1 29	19 17	15 21	21 55	21 43	18 18	13 30	7 32			
W 4	21 51	6 51	4 36	15 25	4 15	23 9	0 38	13 41	1 26	9 54	1 6	16 53	1 8	21 48	0 1	20 44	1 29	19 18	15 21	21 55	21 43	18 19	13 31	7 32			
T 5	21 42	11 3	4 1	15 22	4 25	23 2	0 40	13 54	1 26	9 50	1 6	16 51	1 8	21 48	0 1	20 44	1 29	19 18	15 21	21 54	21 42	18 20	13 32	7 32			
F 6	21 32	14 45	3 15	15 21	4 34	22 54	0 42	14 7	1 25	9 46	1 6	16 48	1 8	21 48	0 1	20 44	1 29	19 19	15 22	21 54	21 42	18 21	13 32	7 32			
S 7	21 23	17 51	2 21	15 22	4 42	22 46	0 44	14 20	1 25	9 42	1 6	16 46	1 8	21 48	0 1	20 44	1 29	19 19	15 22	21 55	21 41	18 22	13 33	7 32			
S 8	21 13	20 12	1 21	15 25	4 48	22 36	0 46	14 32	1 24	9 38	1 6	16 44	1 8	21 47	0 1	20 45	1 29	19 20	15 22	21 55	21 41	18 23	13 33	7 32			
M 9	21 2	21 41	0 18	15 29	4 52	22 27	0 48	14 45	1 24	9 34	1 6	16 42	1 8	21 47	0 1	20 45	1 29	19 20	15 23	21 55	21 40	18 25	13 34	7 32			
T 10	20 51	22 11	0n47	15 35	4 55	22 16	0 50	14 57	1 23	9 29	1 6	16 40	1 8	21 47	0 1	20 45	1 29	19 21	15 23	21 55	21 40	18 26	13 35	7 32			
W 11	20 40	21 38	1 51	15 43	4 56	22 5	0 52	15 10	1 23	9 25	1 6	16 37	1 8	21 47	0 1	20 45	1 29	19 21	15 23	21 55	21 39	18 27	13 35	7 32			
T 12	20 29	20 1	2 51	15 52	4 55	21 53	0 53	15 22	1 22	9 21	1 6	16 35	1 8	21 47	0 1	20 45	1 29	19 22	15 24	21 54	21 39	18 28	13 36	7 32			
F 13	20 17	17 23	3 43	16 2	4 52	21 41	0 55	15 34	1 22	9 16	1 6	16 33	1 9	21 46	0 1	20 46	1 29	19 23	15 24	21 53	21 38	18 29	13 37	7 32			
S 14	20 5	13 49	4 25	16 14	4 48	21 28	0 57	15 45	1 21	9 12	1 6	16 31	1 9	21 46	0 1	20 46	1 29	19 23	15 24	21 52	21 38	18 30	13 37	7 32			
S 15	19 52	9 31	4 53	16 27	4 42	21 14	0 59	15 57	1 20	9 8	1 5	16 28	1 9	21 46	0 1	20 46	1 29	19 24	15 24	21 50	21 37	18 32	13 38	7 32			
M 16	19 39	4 41	5 6	16 40	4 34	21 0	1 0	16 8	1 20	9 3	1 5	16 26	1 9	21 46	0 1	20 46	1 29	19 24	15 25	21 49	21 37	18 33	13 39	7 32			
T 17	19 26	0n27	5 1	16 55	4 25	20 45	1 2	16 20	1 19	8 59	1 5	16 24	1 9	21 46	0 1	20 46	1 29	19 25	15 25	21 48	21 36	18 34	13 39	7 32			
W 18	19 12	5 37	4 38	17 9	4 14	20 30	1 4	16 31	1 19	8 54	1 5	16 22	1 9	21 46	0 1	20 47	1 29	19 25	15 25	21 47	21 36	18 35	13 40	7 32			
T 19	18 59	10 32	3 59	17 25	4 3	20 14	1 5	16 42	1 18	8 50	1 5	16 19	1 9	21 45	0 1	20 47	1 29	19 26	15 25	21 46	21 35	18 36	13 41	7 31			
F 20	18 44	14 55	3 5	17 40	3 50	19 57	1 7	16 53	1 17	8 46	1 5	16 17	1 9	21 45	0 1	20 47	1 29	19 27	15 26	21 46	21 35	18 37	13 41	7 31			
S 21	18 30	18 28	1 59	17 55	3 36	19 40	1 8	17 4	1 17	8 41	1 5	16 15	1 9	21 45	0 1	20 47	1 29	19 27	15 26	21 46	21 34	18 38	13 42	7 31			
S 22	18 15	20 55	0 46	18 10	3 21	19 22	1 10	17 14	1 16	8 36	1 5	16 12	1 9	21 45	0 1	20 47	1 29	19 28	15 26	21 46	21 34	18 40	13 43	7 31			
M 23	18 0	22 3	0s29	18 24	3 5	19 4	1 11	17 24	1 15	8 32	1 5	16 10	1 9	21 45	0 1	20 47	1 29	19 28	15 26	21 46	21 33	18 41	13 44	7 31			
T 24	17 45	21 46	1 43	18 38	2 50	18 45	1 12	17 35	1 15	8 27	1 5	16 8	1 9	21 45	0 1	20 47	1 29	19 29	15 27	21 46	21 33	18 42	13 44	7 31			
W 25	17 29	20 6	2 50	18 51	2 33	18 25	1 13	17 45	1 14	8 23	1 5	16 5	1 9	21 45	0 1	20 48	1 29	19 29	15 27	21 46	21 32	18 43	13 45	7 31			
T 26	17 13	17 16	3 46	19 3	2 17	18 5	1 15	17 55	1 13	8 18	1 5	16 3	1 9	21 45	0 1	20 48	1 29	19 30	15 27	21 45	21 31	18 44	13 46	7 30			
F 27	16 57	13 29	4 28	19 14	2 0	17 45	1 16	18 4	1 13	8 13	1 5	16 1	1 9	21 45	0 1	20 48	1 29	19 31	15 27	21 43	21 31	18 45	13 47	7 30			
S 28	16 40	9 6	4 53	19 23	1 43	17 24	1 17	18 14	1 12	8 9	1 5	15 58	1 9	21 44	0 1	20 48	1 29	19 31	15 28	21 41	21 30	18 46	13 47	7 30			
S 29	16 23	4 22	5 3	19 31	1 27	17 3	1 18	18 23	1 11	8 4	1 5	15 56	1 9	21 44	0 1	20 48	1 29	19 32	15 28	21 40	21 30	18 47	13 48	7 30			
M 30	16 6	0s26	4 56	19 37	1 10	16 41	1 19	18 33	1 10	7 59	1 5	15 54	1 9	21 44	0 1	20 48	1 30	19 32	15 28	21 38	21 29	18 48	13 49	7 30			
T 31	15n49	5s 6	4s35	19n41	0s54	16n18	1n20	18n42	1s 9	7n55	1n 5	15n51	1n 9	21s44	0n 1	20n48	1s30	19s32	15s28	21s36	21s29	18s49	13s50	7n29			

ASTRODIENST EPHEMERIS for the year 1565
geocentric

AUGUST 1565 JC

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	21 16 34	17 ⁰ 49'36	14 ² 33	29 ² 16	20 ⁰ 36	28 ⁸ 54	12 ¹ 38	20 ⁰ 25	8 ⁰ R19	12 ¹ 3	16 ⁰ R26	7 ⁰ R21	6 ² 39	18 ⁰ 7	24 ⁰ R50	W 1
T 2	21 20 30	18 ⁰ 47'19	26 ⁰ 37	0 ⁰ 28	21 ⁰ 50	29 ² 32	12 ⁰ 50	20 ⁰ 33	8 ⁰ R19	12 ⁰ 4	16 ⁰ R25	7 ⁰ R17	6 ⁰ 36	18 ⁰ 14	24 ⁰ R47	T 2
F 3	21 24 27	19 ⁰ 45'03	8 ⁰ 32	1 ⁰ 45	23 ⁰ 4	0 ⁰ II 8	13 ⁰ 2	20 ⁰ 41	8 ⁰ 19	12 ⁰ 5	16 ⁰ 24	7 ⁰ 14	6 ⁰ 33	18 ⁰ 20	24 ⁰ 44	F 3
S 4	21 28 23	20 ⁰ 42'48	20 ⁰ 21	3 ⁰ 7	24 ⁰ 19	0 ⁰ 45	13 ⁰ 15	20 ⁰ 48	8 ⁰ 19	12 ⁰ 6	16 ⁰ 23	7 ⁰ D14	6 ⁰ 30	18 ⁰ 27	24 ⁰ 41	S 4
S 5	21 32 20	21 ⁰ 40'35	2 ⁰ 10	4 ⁰ 35	25 ⁰ 33	1 ⁰ 22	13 ⁰ 27	20 ⁰ 56	8 ⁰ 19	12 ⁰ 8	16 ⁰ 22	7 ⁰ R14	6 ⁰ 26	18 ⁰ 34	24 ⁰ 38	S 5
M 6	21 36 17	22 ⁰ 38'23	14 ⁰ 6	6 ⁰ 8	26 ⁰ 47	1 ⁰ 58	13 ⁰ 40	21 ⁰ 4	8 ⁰ 18	12 ⁰ 9	16 ⁰ 21	7 ⁰ 14	6 ⁰ 23	18 ⁰ 40	24 ⁰ 35	M 6
T 7	21 40 13	23 ⁰ 36'12	26 ⁰ 12	7 ⁰ 45	28 ⁰ 2	2 ⁰ 34	13 ⁰ 52	21 ⁰ 11	8 ⁰ 18	12 ⁰ 10	16 ⁰ 20	7 ⁰ 13	6 ⁰ 20	18 ⁰ 47	24 ⁰ 32	T 7
W 8	21 44 10	24 ⁰ 34'02	8 ⁰ 34	9 ⁰ 26	29 ⁰ 16	3 ⁰ 10	14 ⁰ 5	21 ⁰ 19	8 ⁰ D18	12 ⁰ 10	16 ⁰ 19	7 ⁰ 9	6 ⁰ 17	18 ⁰ 54	24 ⁰ 30	W 8
T 9	21 48 6	25 ⁰ 31'53	21 ⁰ 14	11 ⁰ 10	0 ⁰ 30	3 ⁰ 46	14 ⁰ 17	21 ⁰ 26	8 ⁰ 18	12 ⁰ 11	16 ⁰ 17	7 ⁰ 3	6 ⁰ 14	19 ⁰ 0	24 ⁰ 27	T 9
F 10	21 52 3	26 ⁰ 29'46	4 ⁰ 16	12 ⁰ 58	1 ⁰ 45	4 ⁰ 21	14 ⁰ 30	21 ⁰ 34	8 ⁰ 19	12 ⁰ 12	16 ⁰ 16	6 ⁰ 54	6 ⁰ 11	19 ⁰ 7	24 ⁰ 24	F 10
S 11	21 55 59	27 ⁰ 27'40	17 ⁰ 40	14 ⁰ 48	2 ⁰ 59	4 ⁰ 57	14 ⁰ 43	21 ⁰ 42	8 ⁰ 19	12 ⁰ 13	16 ⁰ 15	6 ⁰ 44	6 ⁰ 7	19 ⁰ 14	24 ⁰ 21	S 11
S 12	21 59 56	28 ⁰ 25'36	1 ⁰ 23	16 ⁰ 40	4 ⁰ 13	5 ⁰ 32	14 ⁰ 55	21 ⁰ 49	8 ⁰ 19	12 ⁰ 14	16 ⁰ 14	6 ⁰ 32	6 ⁰ 4	19 ⁰ 20	24 ⁰ 19	S 12
M13	22 3 52	29 ⁰ 23'34	15 ⁰ 23	18 ⁰ 34	5 ⁰ 28	6 ⁰ 7	15 ⁰ 8	21 ⁰ 57	8 ⁰ 19	12 ⁰ 15	16 ⁰ 13	6 ⁰ 20	6 ⁰ 1	19 ⁰ 27	24 ⁰ 16	M13
T 14	22 7 49	0 ⁰ 21'33	29 ⁰ 34	20 ⁰ 30	6 ⁰ 42	6 ⁰ 42	15 ⁰ 21	22 ⁰ 5	8 ⁰ 19	12 ⁰ 15	16 ⁰ 12	6 ⁰ 10	5 ⁰ 58	19 ⁰ 34	24 ⁰ 14	T 14
W15	22 11 46	1 ⁰ 19'33	13 ⁰ Y52	22 ⁰ 26	7 ⁰ 56	7 ⁰ 16	15 ⁰ 34	22 ⁰ 12	8 ⁰ 20	12 ⁰ 16	16 ⁰ 10	6 ⁰ 1	5 ⁰ 55	19 ⁰ 40	24 ⁰ 11	W15
T 16	22 15 42	2 ⁰ 17'36	28 ⁰ 11	24 ⁰ 23	9 ⁰ 11	7 ⁰ 50	15 ⁰ 46	22 ⁰ 20	8 ⁰ 20	12 ⁰ 17	16 ⁰ 9	5 ⁰ 56	5 ⁰ 52	19 ⁰ 47	24 ⁰ 9	T 16
F 17	22 19 39	3 ⁰ 15'41	12 ⁰ 8	26 ⁰ 20	10 ⁰ 25	8 ⁰ 25	15 ⁰ 59	22 ⁰ 27	8 ⁰ 21	12 ⁰ 18	16 ⁰ 8	5 ⁰ 53	5 ⁰ 48	19 ⁰ 54	24 ⁰ 6	F 17
S 18	22 23 35	4 ⁰ 13'47	26 ⁰ 39	28 ⁰ 18	11 ⁰ 40	8 ⁰ 59	16 ⁰ 12	22 ⁰ 35	8 ⁰ 21	12 ⁰ 18	16 ⁰ 7	5 ⁰ 52	5 ⁰ 45	20 ⁰ 0	24 ⁰ 4	S 18
S 19	22 27 32	5 ⁰ 11'56	10 ⁰ II44	0 ⁰ 15	12 ⁰ 54	9 ⁰ 32	16 ⁰ 25	22 ⁰ 42	8 ⁰ 22	12 ⁰ 19	16 ⁰ 6	5 ⁰ 52	5 ⁰ 42	20 ⁰ 7	24 ⁰ 2	S 19
M20	22 31 28	6 ⁰ 10'07	24 ⁰ 42	2 ⁰ 12	14 ⁰ 8	10 ⁰ 6	16 ⁰ 38	22 ⁰ 50	8 ⁰ 22	12 ⁰ 19	16 ⁰ 5	5 ⁰ 52	5 ⁰ 39	20 ⁰ 14	24 ⁰ 0	M20
T 21	22 35 25	7 ⁰ 8'20	8 ⁰ 33	4 ⁰ 8	15 ⁰ 23	10 ⁰ 39	16 ⁰ 50	22 ⁰ 57	8 ⁰ 23	12 ⁰ 20	16 ⁰ 3	5 ⁰ 49	5 ⁰ 36	20 ⁰ 20	23 ⁰ 57	T 21
W22	22 39 21	8 ⁰ 6'35	22 ⁰ 15	6 ⁰ 4	16 ⁰ 37	11 ⁰ 12	17 ⁰ 3	23 ⁰ 5	8 ⁰ 24	12 ⁰ 20	16 ⁰ 2	5 ⁰ 44	5 ⁰ 32	20 ⁰ 27	23 ⁰ 55	W22
T 23	22 43 18	9 ⁰ 4'52	5 ⁰ 48	7 ⁰ 59	17 ⁰ 52	11 ⁰ 45	17 ⁰ 16	23 ⁰ 12	8 ⁰ 24	12 ⁰ 21	16 ⁰ 1	5 ⁰ 37	5 ⁰ 29	20 ⁰ 33	23 ⁰ 53	T 23
F 24	22 47 15	10 ⁰ 3'11	19 ⁰ 10	9 ⁰ 53	19 ⁰ 6	12 ⁰ 17	17 ⁰ 29	23 ⁰ 20	8 ⁰ 25	12 ⁰ 21	16 ⁰ 0	5 ⁰ 26	5 ⁰ 26	20 ⁰ 40	23 ⁰ 51	F 24
S 25	22 51 11	11 ⁰ 1'32	2 ⁰ 20	11 ⁰ 46	20 ⁰ 21	12 ⁰ 50	17 ⁰ 42	23 ⁰ 27	8 ⁰ 26	12 ⁰ 22	15 ⁰ 58	5 ⁰ 14	5 ⁰ 23	20 ⁰ 47	23 ⁰ 49	S 25
S 26	22 55 8	11 ⁰ 59'54	15 ⁰ 17	13 ⁰ 38	21 ⁰ 35	13 ⁰ 21	17 ⁰ 55	23 ⁰ 35	8 ⁰ 27	12 ⁰ 22	15 ⁰ 57	5 ⁰ 1	5 ⁰ 20	20 ⁰ 53	23 ⁰ 47	S 26
M27	22 59 4	12 ⁰ 58'19	27 ⁰ 58	15 ⁰ 29	22 ⁰ 50	13 ⁰ 53	18 ⁰ 8	23 ⁰ 42	8 ⁰ 28	12 ⁰ 22	15 ⁰ 56	4 ⁰ 48	5 ⁰ 17	21 ⁰ 0	23 ⁰ 46	M27
T 28	23 3 1	13 ⁰ 56'45	10 ⁰ 42	17 ⁰ 19	24 ⁰ 4	14 ⁰ 25	18 ⁰ 21	23 ⁰ 50	8 ⁰ 29	12 ⁰ 23	15 ⁰ 55	4 ⁰ 37	5 ⁰ 13	21 ⁰ 7	23 ⁰ 44	T 28
W29	23 6 57	14 ⁰ 55'13	22 ⁰ 36	19 ⁰ 8	25 ⁰ 19	14 ⁰ 56	18 ⁰ 34	23 ⁰ 57	8 ⁰ 30	12 ⁰ 23	15 ⁰ 54	4 ⁰ 28	5 ⁰ 10	21 ⁰ 13	23 ⁰ 42	W29
T 30	23 10 54	15 ⁰ 53'43	4 ⁰ 37	20 ⁰ 56	26 ⁰ 33	15 ⁰ 27	18 ⁰ 47	24 ⁰ 4	8 ⁰ 31	12 ⁰ 23	15 ⁰ 52	4 ⁰ 22	5 ⁰ 7	21 ⁰ 20	23 ⁰ 41	T 30
F 31	23 14 50	16 ⁰ 52'14	16 ⁰ 29	22 ⁰ 43	27 ⁰ 48	15 ⁰ II57	19 ⁰ 19	24 ⁰ 11	8 ⁰ 32	12 ⁰ 23	15 ⁰ 51	4 ⁰ 19	5 ⁰ 4	21 ⁰ 27	23 ⁰ 39	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
W 1	15n31	9s28	4s 2	19n43	0s39	15n56	1n20	18n51	1s 9	7n50	1n 5	15n49	1n10	21s44	0n 1	20n48	1s30	19s34	15s28	21s35	21s28	18s50	13s50	7n29	
T 2	15 14	13 22	3 18	19 43	0 24	15 32	1 21	18 59	1 8	7 45	1 5	15 46	1 10	21 44	0 0	20 49	1 30	19 34	15 29	21 35	21 28	18 52	13 51	7 29	
F 3	14 56	16 41	2 26	19 40	0 9	15 9	1 22	19 8	1 7	7 40	1 4	15 44	1 10	21 44	0 0	20 49	1 30	19 35	15 29	21 34	21 27	18 53	13 52	7 29	
S 4	14 37	19 18	1 29	19 35	0n 5	14 45	1 22	19 16	1 6	7 35	1 4	15 42	1 10	21 44	0 0	20 49	1 30	19 35	15 29	21 34	21 27	18 54	13 53	7 28	
S 5	14 19	21 5	0 27	19 27	0 18	14 20	1 23	19 25	1 5	7 31	1 4	15 39	1 10	21 44	0 0	20 49	1 30	19 36	15 29	21 34	21 26	18 55	13 53	7 28	
M 6	14 0	21 57	0n36	19 16	0 30	13 55	1 24	19 33	1 5	7 26	1 4	15 37	1 10	21 44	0 0	20 49	1 30	19 37	15 29	21 34	21 26	18 56	13 54	7 28	
T 7	13 41	21 47	1 39	19 2	0 41	13 30	1 24	19 41	1 4	7 21	1 4	15 35	1 10	21 44	0 0	20 49	1 30	19 37	15 30	21 34	21 25	18 57	13 55	7 28	
W 8	13 22	20 35	2 38	18 46	0 52	13 4	1 24	19 49	1 3	7 16	1 4	15 32	1 10	21 44	0 0	20 49	1 30	19 38	15 30	21 33	21 24	18 58	13 56	7 27	
T 9	13 2	18 20	3 31	18 27	1 2	12 38	1 25	19 56	1 2	7 11	1 4	15 30	1 10	21 44	0 0	20 49	1 30	19 38	15 30	21 32	21 24	18 59	13 57	7 27	
F 10	12 43	15 7	4 14	18 5	1 10	12 12	1 25	20 4	1 1	7 6	1 4	15 27	1 10	21 44	0 0	20 49	1 30	19 39	15 30	21 31	21 23	19 0	13 57	7 27	
S 11	12 23	11 3	4 45	17 40	1 18	11 45	1 25	20 11	1 0	7 1	1 4	15 25	1 10	21 44	0 0	20 49	1 30	19 40	15 30	21 29	21 23	19 1	13 58	7 26	
S 12	12 3	6 20	5 0	17 13	1 25	11 18	1 25	20 18	0 59	6 56	1 4	15 23	1 10	21 44	0 0	20 49	1 30	19 40	15 30	21 27	21 22	19 2	13 59	7 26	
M13	11 43	1 12	4 57	16 44	1 31	10 51	1 25	20 25	0 58	6 51	1 4	15 20	1 10	21 44	0 0	20 50	1 30	19 41	15 30	21 25	21 22	19 3	14 0	7 26	
T 14	11 22	4n 3	4 36	16 12	1 35	10 24	1 25	20 32	0 57	6 47	1 4	15 18	1 11	21 44	0 0	20 50	1 30	19 41	15 31	21 23	21 21	19 4	14 0	7 25	
W15	11 2	9 8	3 58	15 38	1 39	9 56	1 25	20 39	0 56	6 42	1 4	15 15	1 11	21 44	0 0	20 50	1 30	19 42	15 31	21 22	21 21	19 5	14 1	7 25	
T 16	10 41	13 44	3 5	15 2	1 43	9 28	1 25	20 46	0 55	6 37	1 4	15 13	1 11	21 44	0 0	20 50	1 30	19 42	15 31	21 21	21 20	19 6	14 2	7 25	
F 17	10 20	17 31	2 0	14 24	1 45	8 59	1 25	20 52	0 54	6 32	1 4	15 11	1 11	21 45	0 0	20 50	1 30	19 43	15 31	21 20	21 19	19 7	14 3	7 24	
S 18	9 59	20 14	0 49	13 45	1 46	8 31	1 25	20 58	0 53	6 27	1 4	15 8	1 11	21 45	0 0	20 50	1 30	19 44	15 31	21 20	21 19	19 8	14 4	7 24	
S 19	9 38	21 41	0s26	13 5	1 47	8 2	1 24	21 5	0 52	6 22	1 4	15 6	1 11	21 45	0 0	20 50	1 30	19 44	15 31	21 20	21 18	19 9	14 4	7 23	
M20	9 16	21 45	1 38	12 23	1 47	7 33	1 24	21 11	0 51	6 17	1 4	15 3	1 11	21 45	0 0	20 50	1 30	19 45	15 31	21 20	21 18	19 10	14 5	7 23	
T 21	8 55	20 30	2 44	11 40	1 46	7 3	1 23	21 16	0 50	6 12	1 4	15 1	1 11	21 45	0 0	20 50	1 30	19 45	15 31	21 20	21 17	19 11	14 6	7 23	
W22	8 33	18 3	3 39	10 56	1 45	6 34	1 23	21 22	0 49	6 7	1 4	14 59	1 11	21 45	0 0	20 50	1 30	19 46	15 31	21 19	21 17	19 12	14 7	7 22	
T 23	8 11	14 39	4 21	10 12	1 43	6 4	1 22	21 28	0 48	6 2	1 4	14 56	1 11	21 45	0 0	20 50	1 31	19 46	15 31	21 17	21 16	19 13	14 7	7 22	
F 24	7 49	10 32	4 49	9 26	1 41	5 34	1 22	21 33	0 47	5 56	1 4	14 54	1 12	21 45	0 0	20 50	1 31	19 47	15 31	21 16	21 16	19 14	14 8	7 21	
S 25	7 27	6 0	5 0	8 41	1 38	5 4	1 21	21 38	0 45	5 51	1 4	14 52	1 12	21 45	0 0	20 50	1 31	19 47	15 32	21 13	21 15	19 15	14 9	7 21	
S 26	7 5	1 16	4 56	7 54	1 35	4 34	1 20	21 43	0 44	5 46	1 4	14 49	1 12	21 46	0 0	20 50	1 31	19 48	15 32	21 11	21 14	19 16	14 9	7 21	
M27	6 42	3s25	4 37	7 8	1 31	4 4	1 19	21 49	0 43	5 41	1 4	14 47	1 12	21 46	0 0	20 50	1 31	19 48	15 32	21 9	21 14	19 17	14 10	7 20	
T 28	6 20	7 53	4 5	6 21	1 27	3 34	1 18	21 53	0 42	5 36	1 4	14 45	1 12	21 46	0 0	20 50	1 31	19 49	15 32	21 7	21 13	19 17	14 11	7 20	
W29	5 57	11 56	3 22	5 34	1 22	3 3	1 17	21 58	0 41	5 31	1 4	14 42	1 12	21 46	0 0	20 50	1 31	19 49	15 32	21 5	21 13	19 18	14 12	7 19	
T 30	5 35	15 27	2 31	4 47	1 17	2 32	1 16	22 3	0 39	5 26	1 4	14 40	1 12	21 46	0 0	20 50	1 31	19 50	15 32	21 4	21 12	19 19	14 12	7 19	
F 31	5n12	18s17	1s33	4n 0	1n12	2n 2	1n15	22n 7	0s38	5n21	1n 4	14n38	1n12	21s47	0n 0	20n50	1s31	19s50	15s32	21s 3	21s12	19s20	14s13	7n18	

ASTRODIENST EPHEMERIS for the year 1565

geocentric

SEPTEMBER 1565 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	23 18 47	17 ^h 50'47"	28 ^m 16"	24 ^m 29"	29 ^m 2	16 ^h II28	19 ^m 13	24 ^h Ω19	8 ^h ♂34	12 ^h II24	15 ^h R50	4 ^h R17	5 ^h ♂1	21 ^m 33	23 ^h R38	S 1
S 2	23 22 43	18°49'22"	10 ^h ♂4	26°14'	0 ^h ♂17	16°58'	19°26'	24°26'	8°35'	12°24'	15 ^h ♂49	4°D17	4°58'	21°40'	23 ^h ♂36	S 2
M 3	23 26 40	19°47'59"	21°58'	27°58'	1°31'	17°27'	19°39'	24°33'	8°36'	12°24'	15°47'	4°R17	4°54'	21°47'	23°35'	M 3
T 4	23 30 37	20°46'37"	4 ^h ♂4	29°40'	2°46'	17°57'	19°52'	24°40'	8°38'	12°24'	15°46'	4 ^h ♂17	4°51'	21°53'	23°34'	T 4
W 5	23 34 33	21°45'17"	16°26'	1 ^h ♂22	4°0'	18°26'	20°5'	24°47'	8°39'	12°24'	15°45'	4°14'	4°48'	22°0'	23°32'	W 5
T 6	23 38 30	22°43'59"	29°10'	3°3'	5°15'	18°55'	20°18'	24°55'	8°40'	12°R24	15°44'	4°9'	4°45'	22°7'	23°31'	T 6
F 7	23 42 26	23°42'43"	12 ^h ♂19	4°42'	6°29'	19°23'	20°31'	25°2'	8°42'	12°24'	15°43'	4°2'	4°42'	22°13'	23°30'	F 7
S 8	23 46 23	24°41'28"	25°53'	6°21'	7°44'	19°51'	20°44'	25°9'	8°43'	12°24'	15°41'	3°52'	4°38'	22°20'	23°29'	S 8
S 9	23 50 19	25°40'15"	9 ^h ♂52	7°59'	8°58'	20°19'	20°57'	25°16'	8°45'	12°24'	15°40'	3°42'	4°35'	22°26'	23°28'	S 9
M10	23 54 16	26°39'04"	24°12'	9°36'	10°13'	20°47'	21°10'	25°22'	8°47'	12°24'	15°39'	3°31'	4°32'	22°33'	23°27'	M10
T 11	23 58 12	27°37'55"	8 ^h ♂48	11°12'	11°27'	21°14'	21°23'	25°29'	8°48'	12°23'	15°38'	3°22'	4°29'	22°40'	23°27'	T 11
W12	0 2 9	28°36'48"	23°32'	12°47'	12°42'	21°41'	21°36'	25°36'	8°50'	12°23'	15°37'	3°14'	4°26'	22°46'	23°26'	W12
T 13	0 6 6	29°35'43"	8 ^h ♂15	14°21'	13°56'	22°7'	21°48'	25°43'	8°52'	12°23'	15°35'	3°10'	4°23'	22°53'	23°25'	T 13
F 14	0 10 2	0 ^h ♂34'41"	22°53'	15°54'	15°11'	22°33'	22°1'	25°50'	8°54'	12°23'	15°34'	3°7'	4°19'	23°0'	23°25'	F 14
S 15	0 13 59	1°33'41"	7 ^h II19	17°27'	16°26'	22°59'	22°14'	25°57'	8°56'	12°22'	15°33'	3°D7	4°16'	23°6'	23°24'	S 15
S 16	0 17 55	2°32'43"	21°31'	18°58'	17°40'	23°24'	22°27'	26°3'	8°58'	12°22'	15°32'	3°8'	4°13'	23°13'	23°24'	S 16
M17	0 21 52	3°31'48"	5 ^h ♂28	20°29'	18°55'	23°49'	22°40'	26°10'	9°0'	12°22'	15°31'	3°R8	4°10'	23°20'	23°23'	M17
T 18	0 25 48	4°30'55"	19°9'	21°59'	20°9'	24°14'	22°53'	26°16'	9°2'	12°21'	15°30'	3°7'	4°7'	23°26'	23°23'	T 18
W19	0 29 45	5°30'04"	2 ^h Ω37	23°28'	21°24'	24°38'	23°6'	26°23'	9°4'	12°21'	15°28'	3°4'	4°3'	23°33'	23°23'	W19
T 20	0 33 41	6°29'16"	15°51'	24°56'	22°38'	25°1'	23°19'	26°30'	9°6'	12°20'	15°27'	2°58'	4°0'	23°40'	23°23'	T 20
F 21	0 37 38	7°28'30"	28°52'	26°23'	23°53'	25°25'	23°31'	26°36'	9°8'	12°20'	15°26'	2°50'	3°57'	23°46'	23°D23	F 21
S 22	0 41 35	8°27'46"	11 ^h ♂40	27°50'	25°7'	25°47'	23°44'	26°42'	9°10'	12°19'	15°25'	2°41'	3°54'	23°53'	23°23'	S 22
S 23	0 45 31	9°27'04"	24°17'	29°15'	26°22'	26°10'	23°57'	26°49'	9°12'	12°19'	15°24'	2°31'	3°51'	24°0'	23°23'	S 23
M24	0 49 28	10°26'24"	6 ^h ♂42	0 ^h ♂40	27°36'	26°31'	24°10'	26°55'	9°15'	12°18'	15°23'	2°21'	3°48'	24°6'	23°23'	M24
T 25	0 53 24	11°25'47"	18°55'	2°3'	28°51'	26°53'	24°22'	27°1'	9°17'	12°18'	15°22'	2°13'	3°44'	24°13'	23°23'	T 25
W26	0 57 21	12°25'11"	0 ^h ♂59	3°26'	0 ^h ♂5	27°14'	24°35'	27°7'	9°19'	12°17'	15°21'	2°6'	3°41'	24°19'	23°23'	W26
T 27	1 1 17	13°24'38"	12°54'	4°48'	1°20'	27°34'	24°48'	27°13'	9°22'	12°16'	15°20'	2°2'	3°38'	24°26'	23°24'	T 27
F 28	1 5 14	14°24'07"	24°42'	6°8'	2°35'	27°54'	25°0'	27°19'	9°24'	12°16'	15°19'	1°59'	3°35'	24°33'	23°24'	F 28
S 29	1 9 10	15°23'37"	6 ^h ♂28	7°28'	3°49'	28°13'	25°13'	27°25'	9°27'	12°15'	15°18'	1°D59	3°32'	24°39'	23°25'	S 29
S 30	1 13 7	16 ^h ♂23'09"	18 ^h ♂15	8 ^h ♂46	5 ^h ♂4	28 ^h II32	25 ^h ♂26	27 ^h Ω31	9 ^h ♂29	12 ^h II14	15 ^h ♂16	2 ^h ♂0	3 ^h ♂29	24 ^h ♂46	23 ^h ♂25	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
S 1	4n49	20s20	0s32	3n13	1n 7	1n31	1n14	22n12	0s37	5n16	1n 4	14n35	1n12	21s47	0n 0	20n50	1s31	19s51	15s32	21s 3	21s11	19s21	14s14	7n18			
S 2	4 26	21 30	0n31	2 26	1 1	1 0	1 13	22 16	0 36	5 11	1 4	14 33	1 13	21 47	0 0	20 50	1 31	19 51	15 32	21 3	21 10	19 22	14 14	7 17			
M 3	4 3	21 43	1 33	1 39	0 55	0 29	1 12	22 20	0 34	5 6	1 4	14 31	1 13	21 47	0 0	20 50	1 31	19 52	15 32	21 3	21 10	19 23	14 15	7 17			
T 4	3 40	20 55	2 31	0 53	0 49	0s 2	1 10	22 24	0 33	5 1	1 4	14 28	1 13	21 47	0 0	20 50	1 31	19 52	15 32	21 3	21 9	19 24	14 16	7 16			
W 5	3 17	19 6	3 24	0 6	0 43	0 32	1 9	22 28	0 32	4 56	1 4	14 26	1 13	21 48	0 0	20 50	1 31	19 53	15 32	21 2	21 9	19 25	14 17	7 16			
T 6	2 53	16 19	4 9	0s40	0 36	1 3	1 7	22 32	0 30	4 50	1 5	14 24	1 13	21 48	0 0	20 50	1 31	19 53	15 32	21 2	21 8	19 26	14 17	7 15			
F 7	2 30	12 38	4 42	1 25	0 29	1 34	1 6	22 36	0 29	4 45	1 5	14 22	1 13	21 48	0 0	20 50	1 31	19 54	15 32	21 0	21 8	19 27	14 18	7 15			
S 8	2 7	8 13	5 0	2 11	0 23	2 5	1 4	22 39	0 27	4 40	1 5	14 19	1 13	21 48	0 0	20 50	1 31	19 54	15 32	20 58	21 7	19 27	14 18	7 14			
S 9	1 43	3 14	5 1	2 56	0 16	2 36	1 3	22 43	0 26	4 35	1 5	14 17	1 14	21 49	0 0	20 49	1 31	19 55	15 32	20 56	21 6	19 28	14 19	7 14			
M10	1 20	2n 2	4 44	3 41	0 9	3 7	1 1	22 46	0 24	4 30	1 5	14 15	1 14	21 49	0 0	20 49	1 31	19 55	15 32	20 54	21 6	19 29	14 20	7 13			
T 11	0 57	7 17	4 8	4 25	0 2	3 38	0 59	22 49	0 23	4 25	1 5	14 13	1 14	21 49	0 0	20 49	1 31	19 56	15 32	20 53	21 5	19 30	14 20	7 13			
W12	0 33	12 10	3 15	5 9	0s 5	4 9	0 58	22 53	0 22	4 20	1 5	14 10	1 14	21 49	0 0	20 49	1 31	19 56	15 31	20 51	21 5	19 31	14 21	7 12			
T 13	0 10	16 19	2 9	5 52	0 13	4 39	0 56	22 56	0 20	4 15	1 5	14 8	1 14	21 50	0 0	20 49	1 31	19 56	15 31	20 50	21 4	19 32	14 22	7 12			
F 14	0s14	19 25	0 54	6 35	0 20	5 10	0 54	22 59	0 18	4 10	1 5	14 6	1 14	21 50	0 0	20 49	1 32	19 57	15 31	20 50	21 3	19 33	14 22	7 11			
S 15	0 37	21 13	0s22	7 17	0 27	5 40	0 52	23 2	0 17	4 5	1 5	14 4	1 14	21 50	0 0	20 49	1 32	19 57	15 31	20 50	21 3	19 34	14 23	7 11			
S 16	1 1	21 37	1 37	7 58	0 34	6 11	0 50	23 4	0 15	4 0	1 5	14 2	1 15	21 51	0 0	20 49	1 32	19 58	15 31	20 50	21 2	19 34	14 23	7 10			
M17	1 24	20 39	2 44	8 40	0 42	6 41	0 48	23 7	0 14	3 55	1 5	14 0	1 15	21 51	0 0	20 49	1 32	19 58	15 31	20 50	21 2	19 35	14 24	7 10			
T 18	1 48	18 29	3 41	9 20	0 49	7 11	0 46	23 10	0 12	3 50	1 5	13 58	1 15	21 51	0 0	20 49	1 32	19 58	15 31	20 50	21 1	19 36	14 25	7 9			
W19	2 11	15 20	4 24	10 0	0 56	7 41	0 44	23 13	0 10	3 45	1 5	13 56	1 15	21 52	0 0	20 49	1 32	19 59	15 31	20 49	21 0	19 37	14 25	7 9			
T 20	2 35	11 28	4 52	10 39	1 3	8 11	0 42	23 15	0 9	3 40	1 5	13 53	1 15	21 52	0 0	20 49	1 32	19 59	15 31	20 48	21 0	19 38	14 26	7 8			
F 21	2 58	7 8	5 5	11 18	1 10	8 40	0 40	23 18	0 7	3 35	1 5	13 51	1 15	21 52	0 0	20 48	1 32	19 59	15 31	20 47	20 59	19 39	14 26	7 8			
S 22	3 22	2 33	5 2	11 56	1 17	9 10	0 37	23 20	0 5	3 30	1 5	13 49	1 15	21 53	0s 0	20 48	1 32	20 0	15 31	20 45	20 59	19 39	14 27	7 7			
S 23	3 45	2s 4	4 44	12 33	1 24	9 39	0 35	23 23	0 4	3 25	1 5	13 47	1 16	21 53	0 0	20 48	1 32	20 0	15 30	20 43	20 58	19 40	14 27	7 7			
M24	4 9	6 32	4 13	13 9	1 31	10 8	0 33	23 25	0 2	3 20	1 5	13 45	1 16	21 53	0 0	20 48	1 32	20 0	15 30	20 41	20 57	19 41	14 28	7 6			
T 25	4 32	10 41	3 31	13 45	1 38	10 37	0 31	23 27	0 0	3 15	1 6	13 43	1 16	21 54	0 0	20 48	1 32	20 1	15 30	20 39	20 57	19 42	14 28	7 6			
W26	4 55	14 20	2 39	14 20	1 45	11 5	0 28	23 30	0n 2	3 10	1 6	13 41	1 16	21 54	0 0	20 48	1 32	20 1	15 30	20 38	20 56	19 43	14 29	7 5			
T 27	5 18	17 21	1 41	14 54	1 51	11 34	0 26	23 32	0 4	3 5	1 6	13 39	1 16	21 54	0 0	20 48	1 32	20 1	15 30	20 37	20 56	19 43	14 29	7 5			
F 28	5 41	19 38	0 39	15 27	1 57	12 2	0 24	23 34	0 6	3 0	1 6	13 37	1 16	21 55	0 0	20 48	1 32	20 2	15 30	20 36	20 55	19 44	14 30	7 4			
S 29	6 4	21 2	0n24	15 59	2 4	12 29	0 21	23 36	0 7	2 55	1 6	13 36	1 17	21 55	0 0	20 47	1 32	20 2	15 30	20 36	20 54	19 45	14 30	7 4			
S 30	6s27	21s32	1n27	16s30	2s10	12s57	0n19	23n39	0n 9	2n50	1n 6	13n34	1n17	21s56	0s 0	20n47	1s32	20s 2	15s29	20s37	20s54	19s46	14s30	7n			

ASTRODIENST EPHEMERIS for the year 1565
geocentric

OCTOBER 1565 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	1 17 4	17♌22'43	0♈8	10♍3	6♊18	28♏51	25♎38	27♏37	9♏32	12♏13	15♏15	2♏2	3♏25	24♍53	23♈26	M 1
T 2	1 21 0	18♌22'19	12°12	11°19	7°33	29°8	25°51	27°43	9°34	12♏12	15♏14	2°3	3°22	24°59	23°27	T 2
W 3	1 24 57	19°21'57	24°31	12°33	8°47	29°26	26°3	27°49	9°37	12°12	15°13	2°R 3	3°19	25°6	23°28	W 3
T 4	1 28 53	20°21'36	7♌12	13°46	10°2	29°42	26°15	27°54	9°40	12°11	15°13	2°1	3°16	25°13	23°29	T 4
F 5	1 32 50	21°21'18	20°17	14°57	11°16	29°58	26°28	28°0	9°42	12°10	15°12	1°58	3°13	25°19	23°30	F 5
S 6	1 36 46	22°21'00	3♏50	16°6	12°31	0♏14	26°40	28°6	9°45	12°9	15°11	1°53	3°9	25°26	23°31	S 6
S 7	1 40 43	23°20'45	17°52	17°13	13°45	0°29	26°52	28°11	9°48	12°8	15°10	1°48	3°6	25°33	23°32	S 7
M 8	1 44 39	24°20'31	2♏20	18°18	15°0	0°43	27°5	28°16	9°51	12°7	15°9	1°42	3°3	25°39	23°33	M 8
T 9	1 48 36	25°20'19	17°8	19°20	16°14	0°57	27°17	28°22	9°53	12°6	15°8	1°36	3°0	25°46	23°34	T 9
W10	1 52 32	26°20'10	2♏10	20°20	17°29	1°10	27°29	28°27	9°56	12°5	15°7	1°32	2°57	25°52	23°36	W10
T 11	1 56 29	27°20'02	17°15	21°17	18°43	1°22	27°41	28°32	9°59	12°4	15°6	1°30	2°54	25°59	23°37	T 11
F 12	2 0 26	28°19'56	2♏16	22°10	19°57	1°34	27°53	28°37	10°2	12°3	15°5	1°D29	2°50	26°6	23°38	F 12
S 13	2 4 22	29°19'53	17°3	23°0	21°12	1°45	28°5	28°42	10°5	12°1	15°5	1°30	2°47	26°12	23°40	S 13
S 14	2 8 19	0♏19'51	1♏32	23°45	22°26	1°56	28°17	28°47	10°8	12°0	15°4	1°31	2°44	26°19	23°42	S 14
M15	2 12 15	1°19'52	15°40	24°26	23°41	2°5	28°29	28°52	10°11	11°59	15°3	1°32	2°41	26°26	23°43	M15
T 16	2 16 12	2°19'55	29°25	25°2	24°55	2°14	28°41	28°57	10°14	11°58	15°2	1°R33	2°38	26°32	23°45	T 16
W17	2 20 8	3°20'01	12♏50	25°32	26°10	2°23	28°53	29°1	10°17	11°57	15°1	1°33	2°35	26°39	23°47	W17
T 18	2 24 5	4°20'08	25°54	25°56	27°24	2°30	29°4	29°6	10°20	11°55	15°1	1°31	2°31	26°46	23°49	T 18
F 19	2 28 1	5°20'17	8♏42	26°13	28°39	2°37	29°16	29°11	10°24	11°54	15°0	1°28	2°28	26°52	23°51	F 19
S 20	2 31 58	6°20'29	21°15	26°22	29°53	2°43	29°28	29°15	10°27	11°53	14°59	1°25	2°25	26°59	23°53	S 20
S 21	2 35 55	7°20'42	3♏35	26°R24	1♏7	2°48	29°39	29°19	10°30	11°52	14°59	1°20	2°22	27°6	23°55	S 21
M22	2 39 51	8°20'58	15°45	26°16	2°22	2°52	29°51	29°24	10°33	11°50	14°58	1°16	2°19	27°12	23°57	M22
T 23	2 43 48	9°21'15	27°46	25°59	3°36	2°56	0♏2	29°28	10°36	11°49	14°57	1°13	2°15	27°19	23°59	T 23
W24	2 47 44	10°21'34	9♏40	25°33	4°51	2°59	0°13	29°32	10°40	11°47	14°57	1°10	2°12	27°26	24°2	W24
T 25	2 51 41	11°21'55	21°30	24°56	6°5	3°1	0°25	29°36	10°43	11°46	14°56	1°9	2°9	27°32	24°4	T 25
F 26	2 55 37	12°22'18	3♏17	24°9	7°19	3°2	0°36	29°40	10°46	11°45	14°55	1°D 9	2°6	27°39	24°6	F 26
S 27	2 59 34	13°22'42	15°4	23°13	8°34	3°R 2	0°47	29°44	10°50	11°43	14°55	1°9	2°3	27°45	24°9	S 27
S 28	3 3 30	14°23'08	26°53	22°8	9°48	3°2	0°58	29°47	10°53	11°42	14°54	1°10	2°0	27°52	24°11	S 28
M29	3 7 27	15°23'35	8♏47	20°57	11°3	3°0	1°9	29°51	10°56	11°40	14°54	1°12	1°56	27°59	24°14	M29
T 30	3 11 24	16°24'04	20°52	19°39	12°17	2°58	1°20	29°54	11°0	11°39	14°53	1°13	1°53	28°5	24°17	T 30
W31	3 15 20	17♏24'34	3♏10	18♏19	13♏31	2♏55	1♏31	29♏58	11♏3	11♏37	14♏53	1♏14	1♏50	28♏12	24♏20	W31

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
M 1	6s50	21s 3	2n27	17s 0	2s15	13s24	0n16	23n41	0n11	2n45	1n 6	13n32	1n17	21s56	0s 0	20n47
T 2	7 13	19 36	3 21	17 29	2 21	13 51	0 14	23 43	0 13	2 40	1 6	13 30	1 17	21 56	0 0	20 47
W 3	7 36	17 13	4 7	17 57	2 26	14 17	0 11	23 45	0 15	2 35	1 6	13 28	1 17	21 57	0 0	20 47
T 4	7 58	13 58	4 42	18 24	2 31	14 43	0 9	23 47	0 17	2 30	1 6	13 26	1 17	21 57	0 0	20 47
F 5	8 21	9 56	5 5	18 50	2 36	15 9	0 6	23 49	0 20	2 25	1 6	13 25	1 18	21 58	0 0	20 47
S 6	8 43	5 18	5 11	19 15	2 40	15 34	0 3	23 51	0 22	2 21	1 6	13 23	1 18	21 58	0 0	20 46
S 7	9 5	0 13	4 59	19 38	2 44	15 59	0 1	23 53	0 24	2 16	1 7	13 21	1 18	21 58	0 0	20 46
M 8	9 27	5n 1	4 28	20 0	2 48	16 24	0s 2	23 56	0 26	2 11	1 7	13 19	1 18	21 59	0 0	20 46
T 9	9 49	10 6	3 39	20 20	2 51	16 48	0 4	23 58	0 28	2 6	1 7	13 18	1 18	21 59	0 0	20 46
W10	10 11	14 39	2 33	20 39	2 53	17 12	0 7	24 0	0 30	2 2	1 7	13 16	1 19	22 0	0 0	20 46
T 11	10 33	18 15	1 17	20 56	2 55	17 35	0 10	24 2	0 33	1 57	1 7	13 14	1 19	22 0	0 0	20 46
F 12	10 54	20 36	0s 4	21 12	2 57	17 58	0 12	24 4	0 35	1 52	1 7	13 13	1 19	22 1	0 0	20 45
S 13	11 16	21 28	1 24	21 26	2 58	18 20	0 15	24 6	0 37	1 47	1 7	13 11	1 19	22 1	0 0	20 45
S 14	11 37	20 52	2 37	21 37	2 58	18 42	0 18	24 8	0 40	1 43	1 7	13 10	1 19	22 1	0 0	20 45
M15	11 58	18 57	3 39	21 47	2 57	19 4	0 20	24 11	0 42	1 38	1 7	13 8	1 20	22 2	0 0	20 45
T 16	12 19	15 59	4 26	21 54	2 55	19 25	0 23	24 13	0 44	1 34	1 8	13 7	1 20	22 2	0 0	20 45
W17	12 39	12 14	4 58	21 59	2 53	19 45	0 26	24 15	0 47	1 29	1 8	13 5	1 20	22 3	0 0	20 45
T 18	13 0	8 0	5 13	22 1	2 49	20 5	0 28	24 18	0 49	1 24	1 8	13 4	1 20	22 3	0 0	20 44
F 19	13 20	3 31	5 12	22 0	2 44	20 24	0 31	24 20	0 52	1 20	1 8	13 2	1 20	22 4	0 0	20 44
S 20	13 40	1s 3	4 56	21 57	2 38	20 43	0 33	24 22	0 54	1 15	1 8	13 1	1 21	22 4	0 0	20 44
S 21	14 0	5 30	4 26	21 50	2 30	21 1	0 36	24 25	0 57	1 11	1 8	13 0	1 21	22 5	0 0	20 44
M22	14 19	9 40	3 45	21 39	2 21	21 19	0 39	24 27	1 0	1 6	1 8	12 58	1 21	22 5	0 0	20 44
T 23	14 39	13 24	2 54	21 25	2 11	21 36	0 41	24 30	1 2	1 2	1 8	12 57	1 21	22 6	0 0	20 43
W24	14 58	16 35	1 56	21 6	1 58	21 52	0 44	24 33	1 5	0 58	1 9	12 56	1 21	22 6	0 0	20 43
T 25	15 17	19 2	0 53	20 44	1 44	22 8	0 46	24 35	1 8	0 53	1 9	12 55	1 22	27	0 0	20 43
F 26	15 35	20 40	0n12	20 17	1 29	22 23	0 49	24 38	1 10	0 49	1 9	12 54	1 22	27	0 0	20 43
S 27	15 53	21 23	1 16	19 46	1 11	22 38	0 51	24 41	1 13	0 45	1 9	12 52	1 22	28	0 0	20 42
S 28	16 12	21 10	2 18	19 12	0 53	22 52	0 54	24 44	1 16	0 40	1 9	12 51	1 22	28	0 0	20 42
M29	16 29	19 59	3 14	18 34	0 33	23 5	0 56	24 46	1 19	0 36	1 9	12 50	1 22	28	0 0	20 42
T 30	16 47	17 53	4 2	17 54	0 13	23 17	0 59	24 49	1 22	0 32	1 9	12 49	1 23	29	0 0	20 42
W31	17s 4	14s57	4n40	17s12	0n 8	23s29	1s 1	24n52	1n24	0n28	1n10	12n48	1n23	22s 9	0s 0	20n42

Julian Day Number = 2292947.5, Delta T = 146.92 sec
Ecliptic obliquity = 23°29'41", Nutation = 0°00'15", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°40'50", Lahiri = 17°47'51" Julian Calendar 1 Oct. 1565 == Greg. Calendar 11 Oct. 1565

ASTRODIENST EPHEMERIS for the year 1565

geocentric

NOVEMBER 1565 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	3 19 17	18 ¹¹ 25'05	15 ⁴⁴ 46	16 ⁰ R58	14 ⁴⁷ 46	2 ⁰ R51	1 ⁴² 42	0 ¹¹ 1	11 ¹⁰ 7	11 ⁰ R36	14 ⁰ R53	1 ⁰ R15	1 ⁴⁷ 47	28 ¹¹ 19	24 ² 22	T 1
F 2	3 23 13	19 ⁰ 25'38	28 ⁰ 45	15 ¹¹ 40	16 ⁰ 0	2 ⁰ 546	1 ⁵²	0 ⁰ 5	11 ¹⁰ 10	11 ¹¹ 34	14 ⁰ 52	1 ⁴⁷ 15	1 ⁰ 44	28 ⁰ 25	24 ² 25	F 2
S 3	3 27 10	20 ⁰ 26'11	12 ¹¹ 9	14 ⁰ 26	17 ⁰ 14	2 ⁰ 40	2 ⁰ 3	0 ⁰ 8	11 ⁰ 13	11 ⁰ 33	14 ⁰ 52	1 ⁰ 14	1 ⁰ 40	28 ⁰ 32	24 ² 28	S 3
S 4	3 31 6	21 ⁰ 26'46	26 ⁰ 1	13 ⁰ 19	18 ⁰ 29	2 ⁰ 34	2 ⁰ 13	0 ⁰ 11	11 ⁰ 17	11 ⁰ 31	14 ⁰ 51	1 ⁰ 13	1 ⁰ 37	28 ⁰ 39	24 ² 31	S 4
M 5	3 35 3	22 ⁰ 27'23	10 ⁰ Y20	12 ⁰ 21	19 ⁰ 43	2 ⁰ 26	2 ⁰ 24	0 ⁰ 14	11 ⁰ 20	11 ⁰ 29	14 ⁰ 51	1 ⁰ 12	1 ⁰ 34	28 ⁰ 45	24 ² 34	M 5
T 6	3 38 59	23 ⁰ 28'00	25 ⁰ 4	11 ⁰ 33	20 ⁰ 57	2 ⁰ 18	2 ⁰ 34	0 ⁰ 16	11 ⁰ 24	11 ⁰ 28	14 ⁰ 51	1 ⁰ 11	1 ⁰ 31	28 ⁰ 52	24 ² 37	T 6
W 7	3 42 56	24 ⁰ 28'39	10 ⁰ 87	10 ⁰ 57	22 ⁰ 11	2 ⁰ 9	2 ⁰ 44	0 ⁰ 19	11 ⁰ 28	11 ⁰ 26	14 ⁰ 50	1 ⁰ 10	1 ⁰ 28	28 ⁰ 59	24 ² 40	W 7
T 8	3 46 53	25 ⁰ 29'19	25 ⁰ 20	10 ⁰ 32	23 ⁰ 26	1 ⁰ 59	2 ⁰ 54	0 ⁰ 22	11 ⁰ 31	11 ⁰ 25	14 ⁰ 50	1 ⁰ D10	1 ⁰ 25	29 ⁰ 5	24 ² 44	T 8
F 9	3 50 49	26 ⁰ 30'01	10 ⁰ II34	10 ⁰ 20	24 ⁰ 40	1 ⁰ 48	3 ⁰ 4	0 ⁰ 24	11 ⁰ 35	11 ⁰ 23	14 ⁰ 50	1 ⁰ 10	1 ⁰ 21	29 ⁰ 12	24 ² 47	F 9
S 10	3 54 46	27 ⁰ 30'44	25 ⁰ 39	10 ⁰ D18	25 ⁰ 54	1 ⁰ 37	3 ⁰ 14	0 ⁰ 27	11 ⁰ 38	11 ⁰ 21	14 ⁰ 50	1 ⁰ 10	1 ⁰ 18	29 ⁰ 18	24 ² 50	S 10
S 11	3 58 42	28 ⁰ 31'28	10 ⁰ 527	10 ⁰ 27	27 ⁰ 8	1 ⁰ 24	3 ⁰ 24	0 ⁰ 29	11 ⁰ 42	11 ⁰ 20	14 ⁰ 49	1 ⁰ 10	1 ⁰ 15	29 ⁰ 25	24 ² 54	S 11
M12	4 2 39	29 ⁰ 32'14	24 ⁰ 52	10 ⁰ 45	28 ⁰ 22	1 ⁰ 11	3 ⁰ 34	0 ⁰ 31	11 ⁰ 45	11 ⁰ 18	14 ⁰ 49	1 ⁰ 11	1 ⁰ 12	29 ⁰ 32	24 ² 57	M12
T 13	4 6 35	0 ⁰ 33'02	8 ⁰ 50	11 ⁰ 13	29 ⁰ 37	0 ⁰ 57	3 ⁰ 44	0 ⁰ 34	11 ⁰ 49	11 ⁰ 16	14 ⁰ 49	1 ⁰ 11	1 ⁰ 9	29 ⁰ 38	25 ⁰ 1	T 13
W14	4 10 32	1 ⁰ 33'51	22 ⁰ 22	11 ⁰ 49	0 ⁰ 51	0 ⁰ 42	3 ⁰ 53	0 ⁰ 36	11 ⁰ 53	11 ⁰ 15	14 ⁰ 49	1 ⁰ R11	1 ⁰ 6	29 ⁰ 45	25 ⁰ 4	W14
T 15	4 14 28	2 ⁰ 34'41	5 ⁰ 28	12 ⁰ 32	2 ⁰ 5	0 ⁰ 26	4 ⁰ 3	0 ⁰ 38	11 ⁰ 56	11 ⁰ 13	14 ⁰ 49	1 ⁰ D11	1 ⁰ 2	29 ⁰ 52	25 ⁰ 8	T 15
F 16	4 18 25	3 ⁰ 35'33	18 ⁰ 12	13 ⁰ 21	3 ⁰ 19	0 ⁰ 9	4 ⁰ 12	0 ⁰ 39	12 ⁰ 0	11 ⁰ 11	14 ⁰ 49	1 ⁰ 11	0 ⁰ 59	29 ⁰ 58	25 ⁰ 11	F 16
S 17	4 22 22	4 ⁰ 36'26	0 ⁰ 37	14 ⁰ 16	4 ⁰ 33	29 ⁰ II52	4 ⁰ 21	0 ⁰ 41	12 ⁰ 3	11 ⁰ 10	14 ⁰ 49	1 ⁰ 11	0 ⁰ 56	0 ⁰ 5	25 ⁰ 15	S 17
S 18	4 26 18	5 ⁰ 37'21	12 ⁰ 48	15 ⁰ 16	5 ⁰ 47	29 ⁰ 34	4 ⁰ 30	0 ⁰ 43	12 ⁰ 7	11 ⁰ 8	14 ⁰ 49	1 ⁰ 11	0 ⁰ 53	0 ⁰ 12	25 ⁰ 19	S 18
M19	4 30 15	6 ⁰ 38'17	24 ⁰ 48	16 ⁰ 20	7 ⁰ 1	29 ⁰ 16	4 ⁰ 39	0 ⁰ 44	12 ⁰ 11	11 ⁰ 6	14 ⁰ D49	1 ⁰ 12	0 ⁰ 50	0 ⁰ 18	25 ⁰ 23	M19
T 20	4 34 11	7 ⁰ 39'14	6 ⁰ 41	17 ⁰ 28	8 ⁰ 15	28 ⁰ 57	4 ⁰ 48	0 ⁰ 46	12 ⁰ 14	11 ⁰ 5	14 ⁰ 49	1 ⁰ 13	0 ⁰ 46	0 ⁰ 25	25 ⁰ 27	T 20
W21	4 38 8	8 ⁰ 40'13	18 ⁰ 29	18 ⁰ 39	9 ⁰ 29	28 ⁰ 37	4 ⁰ 57	0 ⁰ 47	12 ⁰ 18	11 ⁰ 3	14 ⁰ 49	1 ⁰ 13	0 ⁰ 43	0 ⁰ 32	25 ⁰ 30	W21
T 22	4 42 4	9 ⁰ 41'12	0 ⁰ 16	19 ⁰ 53	10 ⁰ 44	28 ⁰ 16	5 ⁰ 6	0 ⁰ 48	12 ⁰ 22	11 ⁰ 1	14 ⁰ 49	1 ⁰ R13	0 ⁰ 40	0 ⁰ 38	25 ⁰ 34	T 22
F 23	4 46 1	10 ⁰ 42'12	12 ⁰ 4	21 ⁰ 9	11 ⁰ 58	27 ⁰ 55	5 ⁰ 14	0 ⁰ 49	12 ⁰ 25	11 ⁰ 0	14 ⁰ 49	1 ⁰ 13	0 ⁰ 37	0 ⁰ 45	25 ⁰ 38	F 23
S 24	4 49 57	11 ⁰ 43'14	23 ⁰ 54	22 ⁰ 28	13 ⁰ 12	27 ⁰ 34	5 ⁰ 22	0 ⁰ 50	12 ⁰ 29	10 ⁰ 58	14 ⁰ 49	1 ⁰ 13	0 ⁰ 34	0 ⁰ 52	25 ⁰ 42	S 24
S 25	4 53 54	12 ⁰ 44'16	5 ⁰ 50	23 ⁰ 48	14 ⁰ 25	27 ⁰ 12	5 ⁰ 31	0 ⁰ 51	12 ⁰ 33	10 ⁰ 56	14 ⁰ 49	1 ⁰ 11	0 ⁰ 31	0 ⁰ 58	25 ⁰ 47	S 25
M26	4 57 51	13 ⁰ 45'19	17 ⁰ 53	25 ⁰ 10	15 ⁰ 39	26 ⁰ 50	5 ⁰ 39	0 ⁰ 51	12 ⁰ 36	10 ⁰ 54	14 ⁰ 49	1 ⁰ 9	0 ⁰ 27	1 ⁰ 5	25 ⁰ 51	M26
T 27	5 1 47	14 ⁰ 46'22	0 ⁰ 5	26 ⁰ 33	16 ⁰ 53	26 ⁰ 27	5 ⁰ 47	0 ⁰ 52	12 ⁰ 40	10 ⁰ 53	14 ⁰ 49	1 ⁰ 7	0 ⁰ 24	1 ⁰ 11	25 ⁰ 55	T 27
W28	5 5 44	15 ⁰ 47'27	12 ⁰ 29	27 ⁰ 57	18 ⁰ 7	26 ⁰ 4	5 ⁰ 55	0 ⁰ 53	12 ⁰ 44	10 ⁰ 51	14 ⁰ 50	1 ⁰ 5	0 ⁰ 21	1 ⁰ 18	25 ⁰ 59	W28
T 29	5 9 40	16 ⁰ 48'31	25 ⁰ 8	29 ⁰ 22	19 ⁰ 21	25 ⁰ 41	6 ⁰ 3	0 ⁰ 53	12 ⁰ 47	10 ⁰ 49	14 ⁰ 50	1 ⁰ 3	0 ⁰ 18	1 ⁰ 25	26 ⁰ 3	T 29
F 30	5 13 37	17 ⁰ 49'36	8 ⁰ 4	0 ⁰ 48	20 ⁰ 35	25 ⁰ II18	6 ⁰ 10	0 ⁰ 53	12 ⁰ 51	10 ⁰ II48	14 ⁰ 50	1 ⁰ 2	0 ⁰ 15	1 ⁰ 31	26 ⁰ 7	F 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17s21	11s16	5n 6	16s30	0n28	23s41	1s 4	24n55	1n27	0n24	1n10	12n47	1n23	22s10	0s 0	20n41	1s33	20s 4	15s22	20s27	20s34	20s 8	14s37	6n47			
F 2	17 38	6 58	5 17	15 48	0 48	23 51	1 6	24 58	1 30	0 19	1 10	12 46	1 23	22 10	0 0	20 41	1 33	20 4	15 21	20 27	20 33	20 9	14 37	6 46			
S 3	17 54	2 13	5 12	15 8	1 7	24 1	1 8	25 1	1 33	0 15	1 10	12 45	1 24	22 11	0 0	20 41	1 33	20 4	15 21	20 27	20 33	20 9	14 37	6 46			
S 4	18 10	2n50	4 49	14 32	1 24	24 10	1 11	25 4	1 36	0 11	1 10	12 44	1 24	22 11	0 0	20 41	1 33	20 4	15 21	20 27	20 32	20 10	14 37	6 46			
M 5	18 26	7 53	4 7	14 0	1 40	24 18	1 13	25 7	1 39	0 7	1 10	12 44	1 24	22 12	0 0	20 41	1 33	20 4	15 20	20 27	20 31	20 10	14 36	6 45			
T 6	18 41	12 38	3 8	13 32	1 53	24 26	1 15	25 10	1 42	0 3	1 11	12 43	1 24	22 12	0 0	20 40	1 33	20 4	15 20	20 27	20 31	20 11	14 36	6 45			
W 7	18 56	16 42	1 55	13 10	2 5	24 33	1 17	25 13	1 45	0s 1	1 11	12 42	1 24	22 13	0 0	20 40	1 33	20 4	15 20	20 26	20 30	20 12	14 36	6 44			
T 8	19 11	19 40	0 32	12 54	2 14	24 39	1 19	25 17	1 48	0 4	1 11	12 41	1 25	22 13	0 0	20 40	1 33	20 3	15 20	20 26	20 29	20 12	14 36	6 44			
F 9	19 25	21 13	0s52	12 43	2 21	24 44	1 21	25 20	1 51	0 8	1 11	12 41	1 25	22 14	0 0	20 40	1 33	20 3	15 19	20 26	20 29	20 13	14 36	6 43			
S 10	19 39	21 13	2 12	12 37	2 27	24 49	1 23	25 23	1 54	0 12	1 11	12 40	1 25	22 14	0 0	20 39	1 33	20 3	15 19	20 26	20 28	20 13	14 36	6 43			
S 11	19 53	19 44	3 22	12 36	2 30	24 53	1 25	25 26	1 57	0 16	1 11	12 39	1 25	22 15	0 0	20 39	1 33	20 3	15 19	20 27	20 27	20 14	14 36	6 43			
M12	20 6	17 0	4 17	12 40	2 33	24 56	1 27	25 29	2 0	0 20	1 12	12 39	1 26	22 15	0 0	20 39	1 33	20 3	15 18	20 27	20 27	20 15	14 35	6 42			
T 13	20 19	13 21	4 55	12 48	2 33	24 59	1 29	25 32	2 3	0 23	1 12	12 38	1 26	22 16	0 0	20 39	1 33	20 2	15 18	20 27	20 26	20 15	14 35	6 42			
W14	20 31	9 8	5 15	12 59	2 33	25 0	1 31	25 35	2 6	0 27	1 12	12 38	1 26	22 16	0 0	20 38	1 33	20 2	15 18	20 27	20 26	20 16	14 35	6 41			
T 15	20 43	4 36	5 17	13 14	2 31	25 1	1 33	25 38	2 8	0 30	1 12	12 37	1 26	22 17	0 0	20 38	1 33	20 2	15 17	20 27	20 25	20 16	14 35	6 41			
F 16	20 55	0 0	5 4	13 31	2 28	25 2	1 34	25 41	2 11	0 34	1 12	12 37	1 27	22 17	0 1	20 38	1 33	20 2	15 17	20 27	20 24	20 17	14 34	6 41			
S 17	21 7	4s29	4 37	13 51	2 25	25 1	1 36	25 44	2 14	0 37	1 13	12 37	1 27	22 18	0 1	20 38	1 33	20 1	15 17	20 27	20 24	20 17	14 34	6 40			
S 18	21 18	8 43	3 58	14 13	2 21	25 0	1 38	25 47	2 17	0 41	1 13	12 36	1 27	22 18	0 1	20 38	1 33	20 1	15 16	20 27	20 23	20 18	14 34	6 40			
M19	21 28	12 33	3 9	14 36	2 16	24 57	1 39	25 50	2 20	0 44	1 13	12 36	1 27	22 19	0 1	20 37	1 33	20 1	15 16	20 27	20 22	20 18	14 34	6 40			
T 20	21 38	15 51	2 12	15 0	2 10	24 55	1 41	25 52	2 23	0 48	1 13	12 36	1 28	22 19	0 1	20 37	1 33	20 1	15 16	20 27	20 22	20 19	14 33	6 39			
W21	21 48	18 30	1 10	15 25	2 5	24 51	1 42	25 55	2 26	0 51	1 13	12 35	1 28	22 20	0 1	20 37	1 33	20 0	15 15	20 27	20 21	20 20	14 33	6 39			
T 22	21 57	20 20	0 5	15 51	1 58	24 47	1 43	25 57	2 28	0 54	1 14	12 35	1 28	22 20	0 1	20 37	1 33	20 0	15 15	20 27	20 20	20 20	14 33	6 39			
F 23	22 6	21 18	1n 0	16 17	1 52	24 41	1 45	26 0	2 31	0 57	1 14	12 35	1 28	22 21	0 1	20 36	1 33	20 0	15 15	20 27	20 20	20 21	14 32	6 38			
S 24	22 15	21 19	2 3	16 44	1 45	24 36	1 46	26 2	2 34	1 1	1 14	12 35	1 28	22 21	0 1	20 36	1 33	19 59	15 14	20 27	20 19	20 21	14 32	6 38			
S 25	22 23	20 21	3 1	17 11	1 38	24 29	1 47	26 4	2 36	1 4	1 14	12 35	1 29	22 22	0 1	20 36	1 33	19 59	15 14	20 27	20 18	20 22	14 31	6 38			
M26	22 30	18 29	3 51	17 38	1 31	24 22	1 48	26 6	2 39	1 7	1 14	12 35	1 29	22 22	0 1	20 36	1 33	19 58	15 14	20 26	20 18	20 22	14 31	6 37			
T 27	22 37	15 45	4 32	18 4	1 24	24 14	1 49	26 8	2 41	1 10	1 15	12 35	1 29	22 23	0 1	20 35	1 33	19 58	15 13	20 26	20 17	20 23	14 31	6 37			
W28	22 44	12 17	5 0	18 31	1 16	24 5	1 50	26 10	2 43	1 13	1 15	12 35	1 29	22 23	0 1	20 35	1 33	19 58	15 13	20 25	20 16	20 23	14 30	6 37			
T 29	22 50	8 13	5 15	18 57	1 9	23 55	1 51	26 11	2 46	1 15	1 15	12 35	1 30	22 24	0 1	20 35	1 33	19 57	15 13	20 25	20 16	20 24	14 30	6 36			
F 30	22s56	3s42	5n14	19s22	1n 1	23s45	1s51	26n13	2n48	1s18	1n15	12n35	1n30	22s24	0s 1	20n35	1s33	19s57	15s12	20s25	20s15	20s24	14s29	6n36			

ASTRODIENST EPHEMERIS for the year 1565

geocentric

DECEMBER 1565 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	5 17 33	18°50'41	21°18'20	2°15	21°38	24°R54	6°18	0°53	12°55	10°R46	14°18	1°D 2	0°12	1°38	26°12	S 1
S 2	5 21 30	19°51'47	4°59	3°42	23° 2	24°II31	6°25	0°R53	12°58	10°II44	14°51	1° 3	0° 8	1°45	26°16	S 2
M 3	5 25 26	20°52'53	19° 2	5°11	24°16	24° 7	6°32	0°53	13° 2	10°43	14°51	1° 4	0° 5	1°51	26°21	M 3
T 4	5 29 23	21°53'59	3°28	6°39	25°30	23°43	6°39	0°53	13° 6	10°41	14°51	1° 5	0° 2	1°58	26°25	T 4
W 5	5 33 20	22°55'05	18°14	8° 8	26°44	23°20	6°46	0°53	13° 9	10°39	14°52	1° 7	29°M59	2° 5	26°29	W 5
T 6	5 37 16	23°56'12	3°II15	9°38	27°57	22°56	6°53	0°52	13°13	10°38	14°52	1°R 7	29°56	2°11	26°34	T 6
F 7	5 41 13	24°57'19	18°24	11° 8	29°11	22°33	7° 0	0°52	13°16	10°36	14°53	1° 6	29°52	2°18	26°38	F 7
S 8	5 45 9	25°58'27	3°31	12°38	0°24	22° 9	7° 6	0°51	13°20	10°34	14°53	1° 4	29°49	2°25	26°43	S 8
S 9	5 49 6	26°59'35	18°27	14° 9	1°38	21°46	7°13	0°50	13°24	10°33	14°53	1° 1	29°46	2°31	26°48	S 9
M10	5 53 2	28° 0'43	3°II 3	15°40	2°51	21°24	7°19	0°50	13°27	10°31	14°54	0°57	29°43	2°38	26°52	M10
T 11	5 56 59	29° 1'52	17°14	17°11	4° 5	21° 1	7°25	0°49	13°31	10°30	14°54	0°53	29°40	2°45	26°57	T 11
W12	6 0 56	0°3 3'01	0°57	18°43	5°18	20°39	7°31	0°48	13°34	10°28	14°55	0°49	29°37	2°51	27° 1	W12
T 13	6 4 52	1° 4'11	14°12	20°14	6°31	20°17	7°37	0°46	13°38	10°26	14°56	0°46	29°33	2°58	27° 6	T 13
F 14	6 8 49	2° 5'21	27° 0	21°47	7°45	19°56	7°42	0°45	13°41	10°25	14°56	0°D45	29°30	3° 4	27°11	F 14
S 15	6 12 45	3° 6'31	9°26	23°19	8°58	19°35	7°48	0°44	13°45	10°23	14°57	0°45	29°27	3°11	27°16	S 15
S 16	6 16 42	4° 7'42	21°35	24°52	10°11	19°15	7°53	0°42	13°48	10°22	14°57	0°46	29°24	3°18	27°20	S 16
M17	6 20 38	5° 8'53	3°II32	26°25	11°24	18°55	7°58	0°41	13°52	10°20	14°58	0°48	29°21	3°24	27°25	M17
T 18	6 24 35	6°10'05	15°21	27°59	12°37	18°36	8° 3	0°39	13°55	10°19	14°59	0°50	29°18	3°31	27°30	T 18
W19	6 28 31	7°11'16	27° 6	29°33	13°50	18°18	8° 8	0°37	13°59	10°17	14°59	0°R51	29°14	3°38	27°35	W19
T 20	6 32 28	8°12'28	8°53	1°3 7	15° 3	18° 0	8°13	0°35	14° 2	10°16	15° 0	0°51	29°11	3°44	27°40	T 20
F 21	6 36 25	9°13'40	20°44	2°42	16°16	17°43	8°17	0°33	14° 6	10°14	15° 1	0°48	29° 8	3°51	27°45	F 21
S 22	6 40 21	10°14'52	2°34	4°17	17°29	17°26	8°21	0°31	14° 9	10°13	15° 2	0°44	29° 5	3°58	27°49	S 22
S 23	6 44 18	11°16'03	14°49	5°52	18°42	17°11	8°26	0°29	14°12	10°12	15° 3	0°38	29° 2	4° 4	27°54	S 23
M24	6 48 14	12°17'15	27° 5	7°28	19°55	16°56	8°30	0°26	14°16	10°10	15° 3	0°31	28°58	4°11	27°59	M24
T 25	6 52 11	13°18'26	9°33	9° 4	21° 7	16°42	8°33	0°24	14°19	10° 9	15° 4	0°22	28°55	4°18	28° 4	T 25
W26	6 56 7	14°19'36	22°12	10°41	22°20	16°28	8°37	0°21	14°22	10° 7	15° 5	0°14	28°52	4°24	28° 9	W26
T 27	7 0 4	15°20'46	5°3 3	12°18	23°32	16°15	8°40	0°19	14°26	10° 6	15° 6	0° 7	28°49	4°31	28°14	T 27
F 28	7 4 0	16°21'56	18° 7	13°56	24°45	16° 4	8°44	0°16	14°29	10° 5	15° 7	0° 1	28°46	4°37	28°19	F 28
S 29	7 7 57	17°23'05	1°26	15°34	25°57	15°53	8°47	0°13	14°32	10° 3	15° 8	29°M58	28°43	4°44	28°24	S 29
S 30	7 11 54	18°24'13	15° 0	17°12	27°10	15°42	8°50	0°10	14°35	10° 2	15° 9	29°D57	28°39	4°51	28°29	S 30
M31	7 15 50	19°25'20	28°Y50	18°51	28°22	15°II33	8°52	0°7 7	14°39	10°II 1	15°10	29°M57	28°M36	4°57	28°34	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	23s 1	1n 6	4n57	19s47	0n54	23s34	1s52	26n14	2n50	1s21	1n15	12n35	1n30	22s25	0s 1	20n35
S 2	23 6	6 0	4 23	20 11	0 46	23 22	1 53	26 15	2 52	1 24	1 16	12 36	1 30	22 25	0 1	20 34
M 3	23 11	10 44	3 32	20 35	0 38	23 10	1 53	26 16	2 54	1 26	1 16	12 36	1 31	22 26	0 1	20 34
T 4	23 15	15 0	2 27	20 58	0 31	22 57	1 54	26 17	2 56	1 29	1 16	12 36	1 31	22 26	0 1	20 34
W 5	23 18	18 26	1 11	21 20	0 23	22 43	1 54	26 17	2 58	1 32	1 16	12 36	1 31	22 26	0 1	20 34
T 6	23 21	20 40	0s12	21 41	0 16	22 29	1 54	26 18	3 0	1 34	1 17	12 37	1 31	22 27	0 1	20 33
F 7	23 24	21 26	1 34	22 1	0 9	22 14	1 55	26 18	3 1	1 36	1 17	12 37	1 32	22 27	0 1	20 33
S 8	23 26	20 38	2 49	22 20	0 2	21 59	1 55	26 18	3 3	1 39	1 17	12 38	1 32	22 28	0 1	20 33
S 9	23 28	18 23	3 52	22 39	0s 6	21 42	1 55	26 18	3 5	1 41	1 17	12 38	1 32	22 28	0 1	20 33
M10	23 29	15 1	4 38	22 56	0 13	21 25	1 55	26 18	3 6	1 43	1 18	12 39	1 32	22 29	0 1	20 33
T 11	23 29	10 51	5 5	23 12	0 20	21 8	1 54	26 18	3 7	1 46	1 18	12 39	1 33	22 29	0 1	20 32
W12	23 30	6 16	5 14	23 27	0 26	20 50	1 54	26 18	3 8	1 48	1 18	12 40	1 33	22 30	0 1	20 32
T 13	23 29	1 32	5 6	23 41	0 33	20 31	1 54	26 17	3 10	1 50	1 18	12 40	1 33	22 30	0 1	20 32
F 14	23 29	3s 7	4 42	23 54	0 39	20 12	1 53	26 17	3 11	1 52	1 19	12 41	1 33	22 30	0 1	20 32
S 15	23 27	7 30	4 5	24 5	0 46	19 52	1 53	26 16	3 12	1 54	1 19	12 42	1 34	22 31	0 1	20 32
S 16	23 26	11 30	3 19	24 15	0 52	19 32	1 52	26 15	3 13	1 56	1 19	12 43	1 34	22 31	0 1	20 31
M17	23 24	14 59	2 24	24 25	0 58	19 11	1 52	26 15	3 13	1 57	1 19	12 43	1 34	22 32	0 1	20 31
T 18	23 21	17 49	1 24	24 32	1 4	18 50	1 51	26 14	3 14	1 59	1 20	12 44	1 34	22 32	0 1	20 31
W19	23 18	19 53	0 20	24 39	1 9	18 28	1 50	26 13	3 15	2 1	1 20	12 45	1 34	22 33	0 1	20 31
T 20	23 14	21 7	0n44	24 44	1 15	18 6	1 49	26 11	3 15	2 2	1 20	12 46	1 35	22 33	0 1	20 31
F 21	23 10	21 24	1 46	24 48	1 20	17 43	1 48	26 10	3 16	2 4	1 20	12 47	1 35	22 33	0 1	20 31
S 22	23 6	20 43	2 45	24 50	1 25	17 19	1 47	26 9	3 16	2 5	1 21	12 48	1 35	22 34	0 1	20 30
S 23	23 1	19 5	3 36	24 51	1 29	16 56	1 46	26 8	3 16	2 7	1 21	12 49	1 35	22 34	0 1	20 30
M24	22 55	16 34	4 18	24 51	1 34	16 31	1 44	26 7	3 17	2 8	1 21	12 50	1 36	22 35	0 1	20 30
T 25	22 50	13 16	4 49	24 49	1 38	16 7	1 43	26 5	3 17	2 9	1 21	12 51	1 36	22 35	0 1	20 30
W26	22 43	9 19	5 6	24 46	1 42	15 42	1 41	26 4	3 17	2 10	1 22	12 52	1 36	22 35	0 1	20 30
T 27	22 37	4 54	5 8	24 41	1 46	15 16	1 40	26 3	3 17	2 12	1 22	12 53	1 36	22 36	0 1	20 30
F 28	22 29	0 12	4 54	24 35	1 49	14 51	1 38	26 1	3 17	2 13	1 22	12 54	1 36	22 36	0 1	20 29
S 29	22 22	4n36	4 24	24 27	1 52	14 24	1 36	26 0	3 17	2 14	1 22	12 56	1 37	22 37	0 1	20 29
S 30	22 14	9 17	3 39	24 17	1 55	13 58	1 34	25 59	3 17	2 14	1 23	12 57	1 37	22 37	0 1	20 29
M31	22s 5	13n35	2n40	24s 6	1s58	13s31	1s32	25n58	3n16	2s15	1n23	12n58	1n37	22s37	0s 1	20n29

Julian Day Number = 2293008.5, Delta T = 146.59 sec

Ecliptic obliquity = 23°29'40, Nutation = 0°00'14, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°40'58, Lahiri = 17°47'59 Julian Calendar 1 Dec. 1565 == Greg. Calendar 11 Dec. 1565