



Astrodienst Ephemeris Tables for the year 1701

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 1701
geocentric

JANUARY 1701

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 41 31	10°32'47	0°31	8°R25	28°M54	4°K45	6°39	9°K49	13°R27	5°V 2	12°R23	26°J37	28°J 1	7°K 7	18°29	S 1
S 2	6 45 27	11°28'57	14°31	7°3 5	0°K 5	5°31	6°53	9°54	13°25	5° 3	12°J22	26°R38	27°57	7°14	18°33	S 2
M 3	6 49 24	12°30'08	28°17	5°50	1°17	6°16	7° 7	9°59	13°22	5° 3	12°20	26°37	27°54	7°21	18°36	M 3
T 4	6 53 20	13°31'18	11°M51	4°41	2°28	7° 2	7°20	10° 4	13°20	5° 4	12°19	26°33	27°51	7°27	18°40	T 4
W 5	6 57 17	14°32'29	25°13	3°40	3°40	7°48	7°34	10°10	13°17	5° 5	12°18	26°28	27°48	7°34	18°43	W 5
T 6	7 1 13	15°33'40	8°K22	2°47	4°52	8°33	7°48	10°15	13°14	5° 5	12°17	26°21	27°45	7°41	18°46	T 6
F 7	7 5 10	16°34'50	21°18	2° 4	6° 4	9°19	8° 2	10°20	13°12	5° 6	12°15	26°14	27°41	7°47	18°50	F 7
S 8	7 9 6	17°36'01	4°3 2	1°31	7°16	10° 4	8°15	10°25	13° 9	5° 7	12°14	26° 7	27°38	7°54	18°53	S 8
S 9	7 13 3	18°37'11	16°33	1° 8	8°28	10°50	8°29	10°31	13° 7	5° 8	12°13	26° 0	27°35	8° 1	18°56	S 9
M10	7 17 0	19°38'21	28°51	0°54	9°40	11°35	8°43	10°36	13° 4	5° 8	12°12	25°55	27°32	8° 7	18°58	M10
T 11	7 20 56	20°39'30	10°K59	0°D49	10°52	12°21	8°57	10°42	13° 1	5° 9	12°10	25°52	27°29	8°14	19° 1	T 11
W12	7 24 53	21°40'39	22°56	0°53	12° 4	13° 6	9°11	10°47	12°59	5°10	12° 9	25°D51	27°26	8°20	19° 4	W12
T 13	7 28 49	22°41'47	4°K47	1° 5	13°16	13°52	9°25	10°53	12°56	5°11	12° 8	25°51	27°22	8°27	19° 6	T 13
F 14	7 32 46	23°42'54	16°34	1°24	14°28	14°37	9°39	10°59	12°54	5°12	12° 6	25°53	27°19	8°34	19° 8	F 14
S 15	7 36 42	24°44'00	28°21	1°49	15°41	15°23	9°53	11° 5	12°51	5°13	12° 5	25°55	27°16	8°40	19°11	S 15
S 16	7 40 39	25°45'05	10°V13	2°21	16°53	16° 8	10° 7	11°11	12°49	5°14	12° 4	25°56	27°13	8°47	19°13	S 16
M17	7 44 35	26°46'10	22°15	2°58	18° 6	16°54	10°22	11°16	12°46	5°15	12° 2	25°R57	27°10	8°54	19°15	M17
T 18	7 48 32	27°47'14	4°K32	3°40	19°18	17°39	10°36	11°22	12°44	5°16	12° 1	25°57	27° 7	9° 0	19°17	T 18
W19	7 52 29	28°48'16	17° 8	4°26	20°31	18°24	10°50	11°28	12°41	5°17	12° 0	25°56	27° 3	9° 7	19°18	W19
T 20	7 56 25	29°49'18	0°K 8	5°16	21°43	19°10	11° 4	11°35	12°39	5°19	11°58	25°53	27° 0	9°14	19°20	T 20
F 21	8 0 22	0°55'18	13°35	6°10	22°56	19°55	11°18	11°41	12°36	5°20	11°57	25°50	26°57	9°20	19°22	F 21
S 22	8 4 18	1°51'18	27°29	7° 8	24° 9	20°40	11°33	11°47	12°34	5°21	11°55	25°46	26°54	9°27	19°23	S 22
S 23	8 8 15	2°52'16	11°K48	8° 8	25°21	21°26	11°47	11°53	12°31	5°22	11°54	25°43	26°51	9°34	19°24	S 23
M24	8 12 11	3°53'14	26°27	9°11	26°34	22°11	12° 1	11°59	12°29	5°23	11°53	25°40	26°47	9°40	19°25	M24
T 25	8 16 8	4°54'10	11°J22	10°17	27°47	22°56	12°15	12° 6	12°27	5°25	11°51	25°38	26°44	9°47	19°26	T 25
W26	8 20 4	5°55'06	26°22	11°25	29° 0	23°41	12°30	12°12	12°24	5°26	11°50	25°D38	26°41	9°54	19°27	W26
T 27	8 24 1	6°56'00	11°K20	12°34	0°K13	24°26	12°44	12°19	12°22	5°27	11°48	25°38	26°38	10° 0	19°28	T 27
F 28	8 27 58	7°56'54	26° 7	13°46	1°26	25°11	12°58	12°25	12°20	5°29	11°47	25°39	26°35	10° 7	19°29	F 28
S 29	8 31 54	8°57'47	10°K39	15° 0	2°39	25°56	13°13	12°32	12°17	5°30	11°45	25°41	26°32	10°14	19°29	S 29
S 30	8 35 51	9°58'39	24°51	16°15	3°52	26°42	13°27	12°38	12°15	5°32	11°44	25°42	26°28	10°20	19°30	S 30
M31	8 39 47	10°59'30	8°M42	17°32	5°3 5	27°K27	13°K41	12°K45	12°13	5°V33	11°J43	25°R42	26°J25	10°K27	19°230	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	23s 4	2n26	2n53	20s22	2n51	17s41	2n19	10s39	0s56	19s15	0s38	9s41	1s55	23n13	0n25	0n36	1s32	24n29	7n41	12n40	12n11	9s40	8s57	1s50	
S 2	22 59	2s11	3 50	20 16	3 2	17 58	2 17	10 21	0 55	19 12	0 38	9 39	1 55	23 13	0 25	0 36	1 32	24 29	7 41	12 39	12 12	9 38	8 58	1 50	
M 3	22 53	6 38	4 33	20 11	3 10	18 14	2 16	10 3	0 54	19 8	0 38	9 37	1 55	23 13	0 25	0 37	1 32	24 30	7 42	12 40	12 13	9 37	8 59	1 49	
T 4	22 47	10 40	5 0	20 8	3 16	18 30	2 14	9 46	0 53	19 5	0 38	9 35	1 55	23 13	0 25	0 37	1 32	24 30	7 42	12 41	12 14	9 35	9 0	1 49	
W 5	22 41	14 5	5 10	20 7	3 19	18 45	2 12	9 28	0 52	19 1	0 38	9 33	1 55	23 14	0 25	0 37	1 31	24 31	7 42	12 43	12 15	9 33	9 2	1 49	
T 6	22 34	16 45	5 3	20 7	3 20	19 0	2 10	9 10	0 51	18 58	0 38	9 31	1 55	23 14	0 25	0 38	1 31	24 31	7 42	12 45	12 17	9 32	9 3	1 49	
F 7	22 27	18 31	4 41	20 9	3 19	19 15	2 8	8 52	0 50	18 54	0 38	9 29	1 55	23 14	0 25	0 38	1 31	24 32	7 42	12 48	12 18	9 30	9 4	1 49	
S 8	22 19	19 20	4 5	20 12	3 16	19 29	2 6	8 34	0 49	18 51	0 38	9 26	1 55	23 14	0 25	0 38	1 31	24 32	7 43	12 50	12 19	9 28	9 5	1 49	
S 9	22 11	19 11	3 18	20 17	3 11	19 43	2 4	8 15	0 48	18 47	0 38	9 24	1 55	23 15	0 25	0 39	1 31	24 33	7 43	12 52	12 20	9 27	9 6	1 49	
M10	22 2	18 6	2 22	20 23	3 6	19 56	2 2	7 57	0 47	18 44	0 38	9 22	1 54	23 15	0 25	0 39	1 31	24 33	7 43	12 54	12 21	9 25	9 7	1 49	
T 11	21 53	16 13	1 20	20 30	2 59	20 8	1 59	7 39	0 46	18 40	0 38	9 20	1 54	23 15	0 25	0 39	1 31	24 34	7 43	12 55	12 22	9 23	9 8	1 48	
W12	21 44	13 38	0 16	20 37	2 51	20 20	1 57	7 21	0 45	18 36	0 39	9 18	1 54	23 16	0 25	0 40	1 31	24 34	7 43	12 55	12 23	9 22	9 9	1 48	
T 13	21 34	10 32	0s49	20 46	2 42	20 32	1 55	7 2	0 44	18 33	0 39	9 15	1 54	23 16	0 25	0 40	1 31	24 35	7 43	12 55	12 24	9 20	9 9	1 48	
F 14	21 23	7 1	1 51	20 55	2 33	20 43	1 52	6 44	0 44	18 29	0 39	9 13	1 54	23 16	0 25	0 41	1 31	24 36	7 43	12 55	12 25	9 18	9 10	1 48	
S 15	21 13	3 14	2 49	21 4	2 24	20 53	1 50	6 25	0 43	18 25	0 39	9 11	1 54	23 16	0 25	0 41	1 31	24 36	7 44	12 54	12 26	9 17	9 11	1 48	
S 16	21 2	0n41	3 40	21 13	2 14	21 3	1 47	6 7	0 42	18 21	0 39	9 8	1 54	23 17	0 25	0 41	1 31	24 37	7 44	12 53	12 27	9 15	9 12	1 48	
M17	20 50	4 37	4 22	21 22	2 4	21 13	1 44	5 48	0 41	18 18	0 39	9 6	1 54	23 17	0 25	0 42	1 31	24 37	7 44	12 53	12 29	9 13	9 12	1 48	
T 18	20 38	8 27	4 53	21 31	1 54	21 21	1 42	5 30	0 40	18 14	0 39	9 4	1 54	23 17	0 25	0 42	1 31	24 38	7 44	12 53	12 30	9 11	9 13	1 48	
W19	20 26	12 0	5 11	21 40	1 44	21 29	1 39	5 11	0 39	18 10	0 39	9 1	1 54	23 17	0 25	0 43	1 31	24 38	7 44	12 54	12 31	9 10	9 13	1 47	
T 20	20 13	15 6	5 14	21 48	1 34	21 37	1 36	4 53	0 38	18 6	0 39	8 59	1 54	23 18	0 25	0 43	1 31	24 39	7 44	12 55	12 32	9 8	9 14	1 47	
F 21	20 0	17 30	5 0	21 56	1 24	21 44	1 33	4 34	0 37	18 2	0 39	8 57	1 54	23 18	0 25	0 44	1 31	24 39	7 44	12 56	12 33	9 6	9 14	1 47	
S 22	19 47	18 59	4 28	22 3	1 14	21 50	1 30	4 15	0 36	17 58	0 39	8 54	1 53	23 18	0 25	0 44	1 31	24 40	7 45	12 57	12 34	9 5	9 15	1 47	
S 23	19 33	19 19	3 39	22 10	1 4	21 56	1 28	3 57	0 35	17 55	0 39	8 52	1 53	23 18	0 25	0 45	1 31	24 40	7 45	12 58	12 35	9 3	9 15	1 47	
M24	19 19	18 22	2 34	22 15	0 54	22 1	1 25	3 38	0 35	17 51	0 39	8 49	1 53	23 18	0 25	0 45	1 31	24 41	7 45	12 59	12 36	9 1	9 16	1 47	
T 25	19 4	16 9	1 18	22 20	0 44	22 6	1 22	3 19	0 34	17 47	0 39	8 47	1 53	23 19	0 25	0 46	1 31	24 41	7 45	13 0	12 37	8 59	9 16	1 47	
W26	18 49	12 49	0n 4	22 24	0 35	22 10	1 19	3 1	0 33	17 43	0 39	8 44	1 53	23 19	0 25	0 47	1 31	24 42	7 45	13 0	12 38	8 58	9 16	1 46	
T 27	18 34	8 39	1 26	22 27	0 26	22 13	1 16	2 42	0 32	17 39	0 39	8 42	1 53	23 19	0 25	0 47	1 31	24 42	7 45	13 0	12 39	8 56	9 16	1 46	
F 28	18 19	4 0	2 41	22 29	0 16	22 16	1 13	2 23	0 31	17 35	0 40	8 39	1 53	23 19	0 25	0 48	1 31	24 43	7 45	12 59	12 40	8 54	9 16	1 46	
S 29	18 3	0s47	3 44	22 30	0 7	22 18	1 9	2 5	0 30	17 31	0 40	8 37	1 53	23 19	0 25	0 48	1 30	24 43	7 45	12 59	12 42	8 53	9 16	1 46	
S 30	17 46	5 25	4 32	22 30	0s 1	22 19	1 6	1 46	0 29	17 27	0 40	8 34	1 53	23 20	0 25	0 49	1 30	24 44	7 45	12 58	12 43	8 51	9 16	1 46	
M31	17s30	9s38	5n 3	22s29	0s10	22s19	1n 3	1s27	0s28	17s23	0s40	8s31	1s53	23n20	0n25	0n50	1s30	24n44	7n45	12n58	12n44	8s49	9s16	1s46	

ASTRODIENST EPHEMERIS for the year 1701

geocentric

FEBRUARY 1701

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 43 44	12° 0'20"	22° 11'13"	18° 50'50"	6° 18'18"	28° 11'11"	13° 55'56"	12° 52'52"	12° 11'11"	5° 35'35"	11° 41'41"	25° 42'42"	26° 22'22"	10° 33'33"	19° 30'30"	T 1
W 2	8 47 40	13° 1'10"	5° 23'23"	20° 9'09"	7° 31'31"	28° 56'56"	14° 10'10"	12° 58'58"	12° 09'09"	5° 36'36"	11° 40'40"	25° 41'41"	26° 19'19"	10° 40'40"	19° 30'30"	W 2
T 3	8 51 37	14° 1'58"	18° 17'17"	21° 30'30"	8° 45'45"	29° 41'41"	14° 24'24"	13° 5'05"	12° 7'07"	5° 38'38"	11° 38'38"	25° 40'40"	26° 16'16"	10° 47'47"	19° 30'30"	T 3
F 4	8 55 33	15° 2'45"	0° 55'55"	22° 52'52"	9° 58'58"	0° 26'26"	14° 39'39"	13° 12'12"	12° 4'04"	5° 39'39"	11° 37'37"	25° 38'38"	26° 13'13"	10° 53'53"	19° 30'30"	F 4
S 5	8 59 30	16° 3'32"	13° 19'19"	24° 15'15"	11° 11'11"	1° 11'11"	14° 53'53"	13° 19'19"	12° 2'02"	5° 41'41"	11° 35'35"	25° 37'37"	26° 9'09"	11° 0'00"	19° 30'30"	S 5
S 6	9 3 27	17° 4'17"	25° 33'33"	25° 39'39"	12° 24'24"	1° 56'56"	15° 7'07"	13° 25'25"	12° 0'00"	5° 43'43"	11° 34'34"	25° 36'36"	26° 6'06"	11° 7'07"	19° 29'29"	S 6
M 7	9 7 23	18° 5'01"	7° 37'37"	27° 5'05"	13° 38'38"	2° 41'41"	15° 22'22"	13° 32'32"	11° 58'58"	5° 44'44"	11° 33'33"	25° 35'35"	26° 3'03"	11° 13'13"	19° 29'29"	M 7
T 8	9 11 20	19° 5'43"	19° 34'34"	28° 31'31"	14° 51'51"	3° 25'25"	15° 36'36"	13° 39'39"	11° 57'57"	5° 46'46"	11° 31'31"	25° 34'34"	26° 0'00"	11° 20'20"	19° 28'28"	T 8
W 9	9 15 16	20° 6'24"	1° 36'36"	29° 58'58"	16° 4'04"	4° 10'10"	15° 51'51"	13° 46'46"	11° 55'55"	5° 48'48"	11° 30'30"	25° 33'33"	25° 57'57"	11° 27'27"	19° 28'28"	W 9
T 10	9 19 13	21° 7'04"	13° 14'14"	1° 27'27"	17° 18'18"	4° 55'55"	16° 5'05"	13° 53'53"	11° 53'53"	5° 49'49"	11° 28'28"	25° 35'35"	25° 53'53"	11° 33'33"	19° 27'27"	T 10
F 11	9 23 9	22° 7'42"	25° 1'01"	2° 56'56"	18° 31'31"	5° 39'39"	16° 19'19"	14° 0'00"	11° 51'51"	5° 51'51"	11° 27'27"	25° 35'35"	25° 50'50"	11° 40'40"	19° 26'26"	F 11
S 12	9 27 6	23° 8'18"	6° 50'50"	4° 26'26"	19° 44'44"	6° 24'24"	16° 33'33"	14° 7'07"	11° 49'49"	5° 53'53"	11° 26'26"	25° 35'35"	25° 47'47"	11° 47'47"	19° 25'25"	S 12
S 13	9 31 2	24° 8'53"	18° 44'44"	5° 57'57"	20° 58'58"	7° 9'09"	16° 48'48"	14° 14'14"	11° 47'47"	5° 55'55"	11° 24'24"	25° 36'36"	25° 44'44"	11° 53'53"	19° 23'23"	S 13
M14	9 34 59	25° 9'26"	0° 54'54"	7° 30'30"	22° 11'11"	7° 53'53"	17° 2'02"	14° 21'21"	11° 46'46"	5° 56'56"	11° 23'23"	25° 36'36"	25° 41'41"	12° 0'00"	19° 22'22"	M14
T 15	9 38 56	26° 9'57"	13° 2'02"	9° 3'03"	23° 25'25"	8° 38'38"	17° 16'16"	14° 29'29"	11° 44'44"	5° 58'58"	11° 21'21"	25° 36'36"	25° 38'38"	12° 7'07"	19° 20'20"	T 15
W16	9 42 52	27° 10'26"	25° 35'35"	10° 37'37"	24° 38'38"	9° 22'22"	17° 31'31"	14° 36'36"	11° 42'42"	6° 0'00"	11° 20'20"	25° 36'36"	25° 34'34"	12° 13'13"	19° 19'19"	W16
T 17	9 46 49	28° 10'54"	8° 12'12"	12° 12'12"	25° 52'52"	10° 7'07"	17° 45'45"	14° 43'43"	11° 41'41"	6° 2'02"	11° 19'19"	25° 36'36"	25° 31'31"	12° 20'20"	19° 17'17"	T 17
F 18	9 50 45	29° 11'19"	21° 45'45"	13° 47'47"	27° 5'05"	10° 51'51"	17° 59'59"	14° 50'50"	11° 39'39"	6° 4'04"	11° 17'17"	25° 36'36"	25° 28'28"	12° 27'27"	19° 15'15"	F 18
S 19	9 54 42	0° 11'43"	5° 53'53"	15° 24'24"	28° 19'19"	11° 35'35"	18° 13'13"	14° 57'57"	11° 38'38"	6° 6'06"	11° 16'16"	25° 36'36"	25° 25'25"	12° 33'33"	19° 13'13"	S 19
S 20	9 58 38	1° 12'04"	19° 42'42"	17° 2'02"	29° 32'32"	12° 20'20"	18° 28'28"	15° 5'05"	11° 36'36"	6° 8'08"	11° 15'15"	25° 37'37"	25° 22'22"	12° 40'40"	19° 11'11"	S 20
M21	10 2 35	2° 12'24"	4° 49'49"	18° 41'41"	0° 46'46"	13° 4'04"	18° 42'42"	15° 12'12"	11° 35'35"	6° 10'10"	11° 13'13"	25° 37'37"	25° 19'19"	12° 46'46"	19° 9'09"	M21
T 22	10 6 31	3° 12'42"	19° 16'16"	20° 21'21"	1° 59'59"	13° 48'48"	18° 56'56"	15° 19'19"	11° 34'34"	6° 12'12"	11° 12'12"	25° 38'38"	25° 15'15"	12° 53'53"	19° 7'07"	T 22
W23	10 10 28	4° 12'58"	4° 12'58"	22° 1'01"	3° 13'13"	14° 32'32"	19° 10'10"	15° 26'26"	11° 32'32"	6° 14'14"	11° 11'11"	25° 38'38"	25° 12'12"	13° 0'00"	19° 5'05"	W23
T 24	10 14 25	5° 13'12"	19° 40'40"	23° 43'43"	4° 27'27"	15° 16'16"	19° 24'24"	15° 34'34"	11° 31'31"	6° 16'16"	11° 9'09"	25° 37'37"	25° 9'09"	13° 6'06"	19° 2'02"	T 24
F 25	10 18 21	6° 13'24"	4° 48'48"	25° 26'26"	5° 40'40"	16° 0'00"	19° 38'38"	15° 41'41"	11° 30'30"	6° 18'18"	11° 8'08"	25° 36'36"	25° 6'06"	13° 13'13"	19° 0'00"	F 25
S 26	10 22 18	7° 13'35"	19° 41'41"	27° 10'10"	6° 54'54"	16° 44'44"	19° 52'52"	15° 48'48"	11° 29'29"	6° 20'20"	11° 7'07"	25° 35'35"	25° 3'03"	13° 20'20"	18° 57'57"	S 26
S 27	10 26 14	8° 13'44"	4° 11'11"	28° 55'55"	8° 7'07"	17° 28'28"	20° 6'06"	15° 56'56"	11° 28'28"	6° 22'22"	11° 6'06"	25° 33'33"	24° 59'59"	13° 26'26"	18° 54'54"	S 27
M28	10 30 11	9° 13'51"	18° 11'11"	0° 41'41"	9° 21'21"	18° 12'12"	20° 20'20"	16° 3'03"	11° 27'27"	6° 24'24"	11° 4'04"	25° 32'32"	24° 56'56"	13° 33'33"	18° 52'52"	M28

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	17s13	13s15	5n16	22s27	0s18	22s19	1n 0	1s 8	0s27	17s19	0s40	8s29	1s53	23n20	0n25	0n50	1s30	24n45	7n46	12n58	12n45	8s47	9s16	1s46	12s59	12s46	8s46	9s16	1s45
W 2	16 56	16 6	5 13	22 23	0 26	22 19	0 57	0 50	0 27	17 14	0 40	8 26	1 53	23 20	0 25	0 51	1 30	24 45	7 46	12 59	12 46	8 46	9 16	1 45	12 59	12 46	8 46	9 16	1 45
T 3	16 39	18 6	4 53	22 19	0 34	22 18	0 54	0 31	0 26	17 10	0 40	8 23	1 53	23 20	0 25	0 51	1 30	24 46	7 46	12 59	12 47	8 44	9 16	1 45	12 59	12 47	8 44	9 16	1 45
F 4	16 21	19 9	4 19	22 13	0 41	22 16	0 51	0 12	0 25	17 6	0 40	8 21	1 53	23 21	0 25	0 52	1 30	24 46	7 46	13 0	12 48	8 42	9 16	1 45	12 59	12 48	8 42	9 16	1 45
S 5	16 3	19 16	3 34	22 6	0 49	22 13	0 47	0n 6	0 24	17 2	0 40	8 18	1 53	23 21	0 25	0 53	1 30	24 47	7 46	13 0	12 49	8 40	9 16	1 45	12 59	12 49	8 40	9 16	1 45
S 6	15 45	18 27	2 39	21 57	0 56	22 10	0 44	0 25	0 23	16 58	0 40	8 15	1 53	23 21	0 25	0 53	1 30	24 47	7 46	13 1	12 50	8 39	9 15	1 45	12 59	12 50	8 39	9 15	1 45
M 7	15 26	16 49	1 38	21 48	1 2	22 6	0 41	0 43	0 22	16 54	0 40	8 13	1 53	23 21	0 25	0 54	1 30	24 48	7 46	13 1	12 51	8 37	9 15	1 45	12 59	12 51	8 37	9 15	1 45
T 8	15 7	14 27	0 33	21 37	1 9	22 1	0 38	1 2	0 21	16 50	0 40	8 10	1 53	23 21	0 25	0 55	1 30	24 48	7 46	13 1	12 52	8 35	9 15	1 44	12 59	12 52	8 35	9 15	1 44
W 9	14 48	11 29	0s33	21 24	1 15	21 56	0 35	1 21	0 21	16 45	0 40	8 7	1 53	23 22	0 25	0 56	1 30	24 49	7 46	13 1	12 53	8 33	9 14	1 44	12 59	12 53	8 33	9 14	1 44
T 10	14 29	8 5	1 37	21 11	1 21	21 50	0 31	1 39	0 20	16 41	0 41	8 5	1 52	23 22	0 25	0 56	1 30	24 49	7 46	13 1	12 54	8 32	9 14	1 44	12 59	12 54	8 32	9 14	1 44
F 11	14 9	4 23	2 37	20 56	1 26	21 44	0 28	1 58	0 19	16 37	0 41	8 2	1 52	23 22	0 25	0 57	1 30	24 49	7 46	13 1	12 56	8 30	9 13	1 44	12 59	12 56	8 30	9 13	1 44
S 12	13 50	0 30	3 30	20 40	1 32	21 36	0 25	2 16	0 18	16 33	0 41	7 59	1 52	23 22	0 25	0 58	1 30	24 50	7 46	13 1	12 57	8 28	9 12	1 44	12 59	12 57	8 28	9 12	1 44
S 13	13 30	3n25	4 15	20 22	1 37	21 29	0 22	2 34	0 17	16 28	0 41	7 56	1 52	23 22	0 25	0 58	1 30	24 50	7 46	13 1	12 58	8 26	9 12	1 44	12 59	12 58	8 26	9 12	1 44
M14	13 9	7 15	4 49	20 3	1 41	21 20	0 19	2 53	0 16	16 24	0 41	7 54	1 52	23 22	0 25	0 59	1 30	24 51	7 46	13 0	12 59	8 25	9 11	1 43	12 59	12 59	8 25	9 11	1 43
T 15	12 49	10 50	5 11	19 43	1 45	21 11	0 16	3 11	0 16	16 20	0 41	7 51	1 52	23 22	0 25	1 0	1 30	24 51	7 46	13 0	13 0	8 23	9 10	1 43	12 59	13 0	8 23	9 10	1 43
W16	12 28	14 2	5 18	19 21	1 49	21 1	0 13	3 29	0 15	16 16	0 41	7 48	1 52	23 23	0 25	1 1	1 30	24 52	7 46	13 0	13 1	8 21	9 10	1 43	12 59	13 1	8 21	9 10	1 43
T 17	12 7	16 39	5 10	18 58	1 53	20 51	0 9	3 48	0 14	16 11	0 41	7 45	1 52	23 23	0 25	1 1	1 30	24 52	7 46	13 0	13 2	8 19	9 9	1 43	12 59	13 2	8 19	9 9	1 43
F 18	11 46	18 28	4 46	18 34	1 56	20 40	0 6	4 6	0 13	16 7	0 41	7 42	1 52	23 23	0 25	1 2	1 30	24 52	7 46	13 0	13 3	8 18	9 8	1 43	12 59	13 3	8 18	9 8	1 43
S 19	11 25	19 18	4 4	18 8	1 59	20 29	0 3	4 24	0 12	16 3	0 41	7 40	1 52	23 23	0 25	1 3	1 30	24 53	7 46	13 0	13 4	8 16	9 7	1 42	12 59	13 4	8 16	9 7	1 42
S 20	11 4	18 57	3 7	17 41	2 2	20 17	0 0	4 42	0 12	15 59	0 42	7 37	1 52	23 23	0 25	1 4	1 30	24 53	7 46	13 0	13 5	8 14	9 6	1 42	12 59	13 5	8 14	9 6	1 42
M21	10 42	17 20	1 56	17 13	2 4	20 4	0s 3	5 0	0 11	15 54	0 42	7 34	1 52	23 23	0 25	1 5	1 30	24 53	7 46	13 0	13 6	8 12	9 5	1 42	12 59	13 6	8 12	9 5	1 42
T 22	10 21	14 30	0 35	16 43	2 5	19 50	0 6	5 18	0 10	15 50	0 42	7 31	1 52	23 23	0 25	1 5	1 30	24 54	7 46	13 0	13 7	8 10	9 4	1 42	12 59	13 7	8 10	9 4	1 42
W23	9 59	10 39	0n49	16 11	2 7	19 37	0 9	5 36	0 9	15 46	0 42	7 28	1 52	23 23	0 25	1 6	1 30	24 54	7 46	13 0	13 8	8 9	9 3	1 42	12 59	13 8	8 9	9 3	1 42
T 24	9 37	6 5	2 10	15 39	2 8	19 22	0 12	5 54	0 8	15 41	0 42	7 26	1 52	23 23	0 25	1 7	1 30	24 55	7 46	13 0	13 9	8 7	9 2	1 41	12 59	13 9	8 7	9 2	1 41
F 25	9 15	1 10	3 21	15 5	2 8	19 7	0 15	6 11	0 8	15 37	0 42	7 23	1 52	23 24	0 25	1 8	1 30	24 55	7 46	13 0	13 11	8 5	9 1	1 41	12 59	13 11	8 5	9 1	1 41
S 26	8 52	3s44	4 17	14 29	2 8	18 52	0 17	6 29	0 7	15 33	0 42	7 20	1 52	23 24	0 25	1 9	1 30	24 55	7 46	13 1	13 12	8 3	8 59	1 41	12 59	13 12	8 3	8 59	1 41
S 27	8 30	8 18	4 56	13 52	2 8	18 35	0 20	6 47	0 6	15 28	0 42	7 17	1 52	23 24	0 25	1 9	1 30	24 56	7 46	13 1	13 13	8 2	8 58	1 41	12 59	13 13	8 2	8 58	1 41
M28	8s 7	12s15	5n15	13s14	2s 7	18s19	0s23	7n 4	0s 5	15s24	0s42	7s14	1s52	23n24	0n25	1n10	1s30	24n56	7n46	13n 2	13n14	8s 0	8s57	1s41	12s59	13n14	8s 0	8s57	1s41

Julian Day Number = 2342368.5, Delta T = 13.92 sec

Ecliptic obliquity = 23°28'34", Nutation = - 0°00'08", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 20°34'03", Lahiri = 19°41'04"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1701

geocentric

MARCH 1701

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 34 7	10 ¹³ 58	1 ⁵⁴	2 ²⁸	10 ³⁵	18 ⁵⁶	20 ³⁴	16 ¹⁰	11 ²⁶	6 ²⁶	11 ³	25 ³¹	24 ⁵³	13 ⁴⁰	18 ⁴⁹	T 1
W 2	10 38 4	11 ¹⁴ 02	15° 6	4°16	11°48	19°40	20°48	16°18	11 ²⁵	6°28	11 ²	25°D31	24°50	13°46	18 ⁴⁶	W 2
T 3	10 42 0	12°14'05	27°55	6° 5	13° 2	20°24	21° 2	16°25	11°24	6°30	11° 1	25 ³²	24°47	13°53	18°43	T 3
F 4	10 45 57	13°14'06	10 ³⁵	7°55	14°16	21° 8	21°16	16°32	11°23	6°32	11° 0	25°33	24°44	14° 0	18°39	F 4
S 5	10 49 53	14°14'06	22°38	9°47	15°30	21°51	21°30	16°40	11°22	6°34	10°58	25°34	24°40	14° 6	18°36	S 5
S 6	10 53 50	15°14'04	4 ⁴¹	11°39	16°43	22°35	21°44	16°47	11°21	6°36	10°57	25°36	24°37	14°13	18°33	S 6
M 7	10 57 47	16°14'00	16°35	13°33	17°57	23°19	21°57	16°55	11°21	6°38	10°56	25°37	24°34	14°20	18°29	M 7
T 8	11 1 43	17°13'54	28°25	15°27	19°11	24° 2	22°11	17° 2	11°20	6°41	10°55	25°R37	24°31	14°26	18°26	T 8
W 9	11 5 40	18°13'47	10 ³¹	17°23	20°24	24°46	22°25	17° 9	11°19	6°43	10°54	25°36	24°28	14°33	18°22	W 9
T 10	11 9 36	19°13'37	22° 0	19°19	21°38	25°30	22°38	17°17	11°19	6°45	10°53	25°34	24°24	14°40	18°18	T 10
F 11	11 13 33	20°13'25	3 ⁵⁰	21°17	22°52	26°13	22°52	17°24	11°18	6°47	10°52	25°31	24°21	14°46	18°15	F 11
S 12	11 17 29	21°13'12	15°44	23°15	24° 6	26°56	23° 5	17°32	11°18	6°49	10°51	25°27	24°18	14°53	18°11	S 12
S 13	11 21 26	22°12'56	27°45	25°14	25°19	27°40	23°19	17°39	11°17	6°52	10°50	25°22	24°15	15° 0	18° 7	S 13
M14	11 25 22	23°12'38	9 ⁵⁴	27°14	26°33	28°23	23°32	17°46	11°17	6°54	10°49	25°17	24°12	15° 6	18° 3	M14
T 15	11 29 19	24°12'18	22°14	29°14	27°47	29° 7	23°46	17°54	11°17	6°56	10°48	25°13	24° 9	15°13	17°59	T 15
W16	11 33 16	25°11'55	4 ⁴⁸	1 ¹⁴	29° 1	29°50	23°59	18° 1	11°17	6°58	10°47	25°10	24° 5	15°19	17°55	W16
T 17	11 37 12	26°11'31	17°38	3°15	0 ¹⁴	0 ³³	24°12	18° 8	11°16	7° 0	10°46	25° 9	24° 2	15°26	17°51	T 17
F 18	11 41 9	27°11'04	0 ⁴⁹	5°15	1°28	1°16	24°26	18°16	11°16	7° 3	10°45	25°D 8	23°59	15°33	17°47	F 18
S 19	11 45 5	28°10'34	14°22	7°14	2°42	1°59	24°39	18°23	11°16	7° 5	10°44	25° 9	23°56	15°39	17°42	S 19
S 20	11 49 2	29°10'03	28°20	9°13	3°56	2°42	24°52	18°30	11°D16	7° 7	10°43	25°11	23°53	15°46	17°38	S 20
M21	11 52 58	0 ⁹	22 ⁴²	11°11	5° 9	3°26	25° 5	18°38	11°16	7° 9	10°42	25°12	23°50	15°53	17°34	M21
T 22	11 56 55	1° 8'53	27°27	13° 8	6°23	4° 9	25°18	18°45	11°16	7°12	10°41	25°R12	23°46	15°59	17°29	T 22
W23	12 0 51	2° 8'14	12 ²⁹	15° 2	7°37	4°51	25°31	18°52	11°17	7°14	10°41	25°11	23°43	16° 6	17°25	W23
T 24	12 4 48	3° 7'33	27 ⁴¹	16°54	8°51	5°34	25°44	18°59	11°17	7°16	10°40	25° 9	23°40	16°13	17°20	T 24
F 25	12 8 45	4° 6'50	12 ⁵³	18°44	10° 4	6°17	25°57	19° 7	11°17	7°19	10°39	25° 4	23°37	16°19	17°16	F 25
S 26	12 12 41	5° 6'05	27°55	20°30	11°18	7° 0	26° 9	19°14	11°17	7°21	10°38	24°58	23°34	16°26	17°11	S 26
S 27	12 16 38	6° 5'18	12 ³⁷	22°13	12°32	7°43	26°22	19°21	11°18	7°23	10°38	24°52	23°30	16°33	17° 6	S 27
M28	12 20 34	7° 4'30	26°54	23°52	13°46	8°26	26°35	19°28	11°18	7°25	10°37	24°46	23°27	16°39	17° 2	M28
T 29	12 24 31	8° 3'39	10 ⁴²	25°27	14°59	9° 8	26°47	19°35	11°19	7°28	10°36	24°41	23°24	16°46	16°57	T 29
W30	12 28 27	9° 2'47	24° 2	26°57	16°13	9°51	27° 0	19°43	11°19	7°30	10°36	24°38	23°21	16°53	16°53	W30
T 31	12 32 24	10 ⁵	6 ⁵⁴	28 ²²	17 ²⁷	10 ³³	27 ¹²	19 ⁵⁰	11 ²⁰	7 ³²	10 ³⁵	24°D37	23 ¹⁸	16 ⁵⁹	16 ⁴⁸	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	7s45	15s25	5n15	12s34	2s 6	18s 2	0s26	7n21	0s 5	15s20	0s42	7s11	1s52	23n24	0n25	1n11
W 2	7 22	17 41	4 59	11 53	2 4	17 44	0 29	7 39	0 4	15 15	0 43	7 9	1 52	23 24	0 25	1 12
T 3	6 59	19 0	4 28	11 11	2 2	17 26	0 31	7 56	0 3	15 11	0 43	7 6	1 52	23 24	0 25	1 13
F 4	6 36	19 20	3 45	10 27	1 59	17 7	0 34	8 13	0 2	15 7	0 43	7 3	1 53	23 24	0 25	1 14
S 5	6 13	18 44	2 53	9 42	1 56	16 48	0 37	8 30	0 2	15 2	0 43	7 0	1 53	23 24	0 25	1 15
S 6	5 50	17 17	1 53	8 56	1 52	16 28	0 39	8 47	0 1	14 58	0 43	6 57	1 53	23 24	0 25	1 15
M 7	5 26	15 6	0 50	8 9	1 48	16 8	0 42	9 4	0 0	14 54	0 43	6 54	1 53	23 24	0 25	1 16
T 8	5 3	12 17	0s15	7 20	1 43	15 47	0 44	9 21	0n 1	14 49	0 43	6 51	1 53	23 24	0 25	1 17
W 9	4 40	8 59	1 20	6 30	1 38	15 26	0 46	9 38	0 1	14 45	0 43	6 49	1 53	23 24	0 25	1 18
T 10	4 16	5 20	2 20	5 39	1 32	15 5	0 49	9 54	0 2	14 41	0 44	6 46	1 53	23 24	0 25	1 19
F 11	3 53	1 28	3 15	4 46	1 26	14 43	0 51	10 11	0 3	14 36	0 44	6 43	1 53	23 24	0 25	1 20
S 12	3 29	2n29	4 2	3 53	1 19	14 21	0 53	10 27	0 4	14 32	0 44	6 40	1 53	23 24	0 25	1 21
S 13	3 6	6 21	4 38	2 59	1 11	13 58	0 56	10 44	0 4	14 28	0 44	6 37	1 53	23 24	0 25	1 21
M14	2 42	10 1	5 2	2 4	1 3	13 35	0 58	11 0	0 5	14 23	0 44	6 34	1 53	23 24	0 25	1 22
T 15	2 18	13 19	5 13	1 8	0 54	13 12	1 0	11 16	0 6	14 19	0 44	6 32	1 53	23 24	0 25	1 23
W16	1 55	16 4	5 9	0 12	0 35	12 48	1 2	11 32	0 6	14 15	0 44	6 29	1 53	23 24	0 25	1 24
T 17	1 31	18 6	4 50	0n45	0 45	12 24	1 4	11 48	0 7	14 10	0 45	6 26	1 53	23 24	0 25	1 25
F 18	1 7	19 14	4 15	1 42	0 25	11 59	1 6	12 3	0 8	14 6	0 45	6 23	1 53	23 24	0 25	1 26
S 19	0 44	19 18	3 25	2 39	0 15	11 35	1 7	12 19	0 9	14 2	0 45	6 20	1 53	23 24	0 25	1 27
S 20	0 20	18 13	2 22	3 36	0 4	11 10	1 9	12 35	0 9	13 58	0 45	6 17	1 53	23 24	0 25	1 28
M21	0n 4	15 56	1 8	4 33	0n 8	10 44	1 11	12 50	0 10	13 53	0 45	6 15	1 53	23 24	0 25	1 29
T 22	0 27	12 34	0n12	5 29	0 19	10 18	1 13	13 5	0 11	13 49	0 45	6 12	1 53	23 24	0 25	1 29
W23	0 51	8 19	1 33	6 25	0 31	9 52	1 14	13 20	0 11	13 45	0 45	6 9	1 54	23 24	0 25	1 30
T 24	1 15	3 29	2 48	7 19	0 43	9 26	1 16	13 35	0 12	13 41	0 46	6 6	1 54	23 24	0 25	1 31
F 25	1 38	1s33	3 51	8 12	0 55	9 0	1 17	13 50	0 13	13 36	0 46	6 4	1 54	23 24	0 25	1 32
S 26	2 2	6 26	4 37	9 3	1 7	8 33	1 19	14 5	0 13	13 32	0 46	6 1	1 54	23 24	0 25	1 33
S 27	2 25	10 50	5 3	9 53	1 19	8 6	1 20	14 19	0 14	13 28	0 46	5 58	1 54	23 24	0 25	1 34
M28	2 49	14 28	5 10	10 41	1 31	7 39	1 21	14 34	0 15	13 24	0 46	5 55	1 54	23 24	0 25	1 35
T 29	3 12	17 10	4 58	11 26	1 42	7 11	1 22	14 48	0 15	13 20	0 46	5 53	1 54	23 24	0 25	1 36
W30	3 35	18 50	4 31	12 9	1 53	6 44	1 23	15 2	0 16	13 16	0 47	5 50	1 54	23 24	0 25	1 37
T 31	3n59	19s28	3n50	12n50	2n 4	6s16	1s25	15n16	0n17	13s12	0s47	5s47	1s54	23n24	0n25	1n38

Julian Day Number = 2342396.5, Delta T = 13.89 sec
 Ecliptic obliquity = 23°28'34", Nutation = - 0°00'09", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 20°34'07", Lahiri = 19°41'08Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1701
geocentric

APRIL 1701

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 36 20	11°05'7	19°24	29°42	18°41	11°16	27°24	19°57	11°20	7°34	10°R34	24°37	23°15	17°6	16°R43	F 1
S 2	12 40 17	12° 0'00	1°35	0°56	19°54	11°59	27°37	20° 4	11°21	7°37	10°34	24°38	23°11	17°13	16°38	S 2
S 3	12 44 13	12°59'00	13°33	2° 5	21° 8	12°41	27°49	20°11	11°22	7°39	10°33	24°40	23° 8	17°19	16°34	S 3
M 4	12 48 10	13°57'59	25°23	3° 8	22°22	13°23	28° 1	20°18	11°23	7°41	10°33	24°R40	23° 5	17°26	16°29	M 4
T 5	12 52 7	14°56'56	7°10	4° 5	23°36	14° 6	28°13	20°25	11°23	7°43	10°32	24°39	23° 2	17°33	16°24	T 5
W 6	12 56 3	15°55'51	18°57	4°56	24°49	14°48	28°25	20°32	11°24	7°46	10°32	24°36	22°59	17°39	16°19	W 6
T 7	13 0 0	16°54'44	0°47	5°40	26° 3	15°30	28°37	20°39	11°25	7°48	10°31	24°31	22°55	17°46	16°14	T 7
F 8	13 3 56	17°53'35	12°42	6°19	27°17	16°13	28°48	20°45	11°26	7°50	10°31	24°23	22°52	17°53	16°10	F 8
S 9	13 7 53	18°52'24	24°45	6°50	28°31	16°55	29° 0	20°52	11°27	7°52	10°31	24°14	22°49	17°59	16° 5	S 9
S 10	13 11 49	19°51'11	6°57	7°16	29°44	17°37	29°12	20°59	11°28	7°55	10°30	24° 3	22°46	18° 6	16° 0	S 10
M 11	13 15 46	20°49'56	19°19	7°34	0°58	18°19	29°23	21° 6	11°30	7°57	10°30	23°53	22°43	18°13	15°55	M 11
T 12	13 19 42	21°48'39	1°11	7°47	2°12	19° 1	29°35	21°13	11°31	7°59	10°30	23°43	22°40	18°19	15°51	T 12
W 13	13 23 39	22°47'20	14°35	7°53	3°25	19°43	29°46	21°19	11°32	8° 1	10°29	23°35	22°36	18°26	15°46	W 13
T 14	13 27 36	23°45'59	27°32	7°R53	4°39	20°25	29°57	21°26	11°33	8° 4	10°29	23°30	22°33	18°33	15°41	T 14
F 15	13 31 32	24°44'35	10°45	7°47	5°53	21° 7	0°11	21°33	11°35	8° 6	10°29	23°27	22°30	18°39	15°37	F 15
S 16	13 35 29	25°43'09	24°14	7°36	7° 7	21°49	0°19	21°39	11°36	8° 8	10°29	23°D26	22°27	18°46	15°32	S 16
S 17	13 39 25	26°41'41	8°2	7°19	8°20	22°31	0°30	21°46	11°38	8°10	10°28	23°26	22°24	18°52	15°27	S 17
M 18	13 43 22	27°40'11	22° 9	6°57	9°34	23°13	0°41	21°52	11°39	8°12	10°28	23°R27	22°21	18°59	15°23	M 18
T 19	13 47 18	28°38'39	6°11	6°31	10°48	23°54	0°52	21°59	11°41	8°14	10°28	23°26	22°17	19° 6	15°18	T 19
W 20	13 51 15	29°37'04	21°18	6° 1	12° 1	24°36	1° 3	22° 5	11°42	8°17	10°28	23°23	22°14	19°12	15°14	W 20
T 21	13 55 11	0°35'27	6°13	5°28	13°15	25°18	1°13	22°11	11°44	8°19	10°28	23°18	22°11	19°19	15° 9	T 21
F 22	13 59 8	1°33'48	21°11	4°52	14°29	25°59	1°24	22°18	11°46	8°21	10°28	23°10	22° 8	19°26	15° 5	F 22
S 23	14 3 5	2°32'07	6°11	4°14	15°42	26°41	1°34	22°24	11°47	8°23	10°D28	23° 1	22° 5	19°32	15° 0	S 23
S 24	14 7 1	3°30'25	20°43	3°35	16°56	27°23	1°44	22°30	11°49	8°25	10°28	22°50	22° 1	19°39	14°56	S 24
M 25	14 10 58	4°28'41	5°1	2°55	18°10	28° 4	1°54	22°36	11°51	8°27	10°28	22°40	21°58	19°46	14°52	M 25
T 26	14 14 54	5°26'55	18°53	2°16	19°23	28°46	2° 4	22°42	11°53	8°29	10°28	22°31	21°55	19°52	14°47	T 26
W 27	14 18 51	6°25'08	2°17	1°37	20°37	29°27	2°14	22°48	11°55	8°31	10°28	22°25	21°52	19°59	14°43	W 27
T 28	14 22 47	7°23'19	15°13	1° 0	21°51	0°11	2°24	22°54	11°57	8°33	10°28	22°20	21°49	20° 6	14°39	T 28
F 29	14 26 44	8°21'29	27°46	0°25	23° 4	0°50	2°34	23° 0	11°59	8°35	10°29	22°18	21°46	20°12	14°35	F 29
S 30	14 30 40	9°19'37	9°59	29°53	24°18	1°11	2°43	23°11	12°1	8°37	10°29	22°D18	21°42	20°11	14°31	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	4n22	19s 7	2n59	13n28	2n14	5s48	1s26	15n30	0n17	13s 8	0s47	5s44	1s54	23n24	0n25	1n38	1s29	25n 2	7n44	13n20	13n48	7s 1	7s59	1s31			
S 2	4 45	17 52	2 2	14 3	2 23	5 20	1 26	15 44	0 18	13 3	0 47	5 42	1 55	23 24	0 25	1 39	1 29	25 2	7 44	13 20	13 49	7 0	7 57	1 31			
S 3	5 8	15 49	1 0	14 35	2 31	4 51	1 27	15 58	0 18	12 59	0 47	5 39	1 55	23 24	0 25	1 40	1 29	25 2	7 43	13 19	13 50	6 58	7 54	1 30			
M 4	5 31	13 8	0s 4	15 4	2 39	4 23	1 28	16 11	0 19	12 55	0 47	5 36	1 55	23 24	0 25	1 41	1 29	25 2	7 43	13 19	13 51	6 56	7 52	1 30			
T 5	5 54	9 56	1 7	15 30	2 46	3 54	1 29	16 24	0 20	12 51	0 48	5 34	1 55	23 24	0 25	1 42	1 29	25 2	7 43	13 19	13 52	6 54	7 50	1 30			
W 6	6 17	6 20	2 7	15 53	2 52	3 26	1 29	16 38	0 20	12 47	0 48	5 31	1 55	23 24	0 24	1 43	1 29	25 2	7 43	13 20	13 53	6 52	7 48	1 29			
T 7	6 39	2 28	3 2	16 13	2 57	2 57	1 30	16 51	0 21	12 43	0 48	5 29	1 55	23 23	0 24	1 44	1 30	25 2	7 43	13 22	13 54	6 50	7 46	1 29			
F 8	7 2	1n31	3 49	16 29	3 0	2 28	1 31	17 3	0 21	12 39	0 48	5 26	1 55	23 23	0 24	1 45	1 30	25 2	7 43	13 25	13 55	6 48	7 43	1 28			
S 9	7 24	5 28	4 26	16 42	3 3	1 59	1 31	17 16	0 22	12 36	0 48	5 23	1 55	23 23	0 24	1 45	1 30	25 2	7 43	13 28	13 56	6 46	7 41	1 28			
S 10	7 47	9 16	4 52	16 52	3 4	1 30	1 31	17 29	0 23	12 32	0 48	5 21	1 55	23 23	0 24	1 46	1 30	25 2	7 43	13 31	13 57	6 45	7 39	1 28			
M11	8 9	12 42	5 4	16 58	3 4	1 1	1 32	17 41	0 23	12 28	0 49	5 18	1 56	23 23	0 24	1 47	1 30	25 2	7 42	13 35	13 58	6 43	7 37	1 27			
T 12	8 31	15 38	5 2	17 1	3 3	0 32	1 32	17 53	0 24	12 24	0 49	5 16	1 56	23 23	0 24	1 48	1 30	25 2	7 42	13 38	13 59	6 41	7 35	1 27			
W13	8 53	17 52	4 45	17 0	3 1	0 3	1 32	18 5	0 24	12 20	0 49	5 13	1 56	23 23	0 24	1 49	1 30	25 2	7 42	13 41	14 0	6 39	7 32	1 26			
T 14	9 14	19 14	4 13	16 57	2 57	0n27	1 32	18 17	0 25	12 16	0 49	5 11	1 56	23 23	0 24	1 50	1 30	25 2	7 42	13 43	14 1	6 37	7 30	1 26			
F 15	9 36	19 36	3 28	16 50	2 51	0 56	1 32	18 29	0 26	12 13	0 49	5 8	1 56	23 23	0 24	1 51	1 30	25 2	7 42	13 44	14 2	6 35	7 28	1 26			
S 16	9 57	18 51	2 29	16 39	2 44	1 25	1 32	18 40	0 26	12 9	0 50	5 6	1 56	23 22	0 24	1 51	1 30	25 2	7 42	13 44	14 3	6 33	7 26	1 25			
S 17	10 19	16 59	1 21	16 26	2 36	1 54	1 32	18 52	0 27	12 5	0 50	5 3	1 56	23 22	0 24	1 52	1 30	25 2	7 42	13 44	14 4	6 31	7 24	1 25			
M18	10 40	14 2	0 7	16 10	2 27	2 23	1 32	19 3	0 27	12 1	0 50	5 1	1 57	23 22	0 24	1 53	1 30	25 2	7 41	13 44	14 5	6 29	7 22	1 24			
T 19	11 1	10 11	1n10	15 51	2 16	2 52	1 32	19 14	0 28	11 58	0 50	4 58	1 57	23 22	0 24	1 54	1 30	25 2	7 41	13 44	14 6	6 28	7 19	1 24			
W20	11 21	5 38	2 23	15 29	2 3	3 22	1 31	19 25	0 28	11 54	0 50	4 56	1 57	23 22	0 24	1 55	1 30	25 2	7 41	13 45	14 7	6 26	7 17	1 23			
T 21	11 42	0 42	3 27	15 6	1 50	3 51	1 31	19 35	0 29	11 51	0 51	4 54	1 57	23 22	0 24	1 56	1 30	25 1	7 41	13 46	14 8	6 24	7 15	1 23			
F 22	12 2	4s18	4 17	14 40	1 36	4 20	1 30	19 46	0 30	11 47	0 51	4 51	1 57	23 21	0 24	1 56	1 30	25 1	7 41	13 49	14 9	6 22	7 13	1 23			
S 23	12 22	9 0	4 50	14 13	1 21	4 48	1 30	19 56	0 30	11 44	0 51	4 49	1 57	23 21	0 24	1 57	1 30	25 1	7 41	13 52	14 10	6 20	7 11	1 22			
S 24	12 42	13 6	5 2	13 45	1 5	5 17	1 29	20 6	0 31	11 40	0 51	4 47	1 57	23 21	0 24	1 58	1 30	25 1	7 41	13 56	14 11	6 18	7 9	1 22			
M25	13 2	16 19	4 56	13 16	0 48	5 46	1 29	20 16	0 31	11 37	0 51	4 44	1 58	23 21	0 24	1 59	1 30	25 1	7 40	13 59	14 12	6 16	7 7	1 21			
T 26	13 22	18 30	4 31	12 46	0 31	6 15	1 28	20 26	0 32	11 33	0 52	4 42	1 58	23 21	0 24	2 0	1 30	25 1	7 40	14 2	14 13	6 14	7 5	1 21			
W27	13 41	19 34	3 53	12 17	0 14	6 43	1 27	20 35	0 32	11 30	0 52	4 40	1 58	23 21	0 24	2 0	1 30	25 1	7 40	14 4	14 14	6 12	7 3	1 20			
T 28	14 0	19 34	3 4	11 47	0s 3	7 11	1 26	20 45	0 33	11 27	0 52	4 38	1 58	23 20	0 24	2 1	1 30	25 0	7 40	14 5	14 15	6 10	7 1	1 20			
F 29	14 19	18 34	2 6	11 19	0 20	7 39	1 25	20 54	0 33	11 23	0 52	4 35	1 58	23 20	0 24	2 2	1 30	25 0	7 40	14 6	14 16	6 9	6 59	1 19			
S 30	14n37	16s44	1n 5	10n52	0s37	8n 7	1s25	21n 3	0n34	11s20	0s52	4s33	1s59	23n20	0n24	2n 3	1s30	25n 0	7n40	14n 6	14n18	6s 7	6s57	1s19			

ASTRODIENST EPHEMERIS for the year 1701

geocentric

MAY 1701

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 34 37	10♈1744	21♋58	29°R24	25°Y32	2♊12	2♊53	23♋12	12♌3	8°Y39	10♌29	22°R18	21♌39	20♋26	14°R27	S 1
M 2	14 38 34	11°15'49	3♋49	28°Y59	26°45	2°53	3°2	23°18	12°5	8°41	10°29	22♌18	21°36	20°32	14♌23	M 2
T 3	14 42 30	12°13'53	15°36	28°38	27°59	3°35	3°11	23°24	12°7	8°43	10°29	22°16	21°33	20°39	14°19	T 3
W 4	14 46 27	13°11'55	27°25	28°20	29°12	4°16	3°20	23°29	12°9	8°45	10°30	22°11	21°30	20°46	14°15	W 4
T 5	14 50 23	14°9'56	9°Y19	28°8	0♈26	4°57	3°29	23°35	12°12	8°47	10°30	22°4	21°27	20°52	14°12	T 5
F 6	14 54 20	15°7'55	21°22	27°59	1°40	5°38	3°38	23°40	12°14	8°49	10°30	21°54	21°23	20°59	14°8	F 6
S 7	14 58 16	16°5'53	3♋35	27°D56	2°53	6°19	3°47	23°46	12°16	8°51	10°31	21°42	21°20	21°6	14°5	S 7
S 8	15 2 13	17°3'50	16°1	27°57	4°7	7°0	3°55	23°51	12°19	8°53	10°31	21°29	21°17	21°12	14°1	S 8
M 9	15 6 9	18°1'45	28°39	28°2	5°21	7°41	4°4	23°57	12°21	8°55	10°32	21°16	21°14	21°19	13°58	M 9
T 10	15 10 6	18°59'38	11♊29	28°12	6°34	8°22	4°12	24°2	12°24	8°57	10°32	21°4	21°11	21°26	13°54	T 10
W11	15 14 3	19°57'30	24°31	28°27	7°48	9°3	4°20	24°7	12°26	8°59	10°33	20°53	21°7	21°32	13°51	W11
T 12	15 17 59	20°55'20	7♌45	28°46	9°2	9°43	4°28	24°12	12°29	9°0	10°33	20°46	21°4	21°39	13°48	T 12
F 13	15 21 56	21°53'09	21°10	29°10	10°15	10°24	4°36	24°17	12°31	9°2	10°34	20°42	21°1	21°46	13°45	F 13
S 14	15 25 52	22°50'56	4♌46	29°38	11°29	11°5	4°44	24°22	12°34	9°4	10°34	20°40	20°58	21°52	13°42	S 14
S 15	15 29 49	23°48'41	18°34	0♈10	12°42	11°46	4°51	24°27	12°37	9°6	10°35	20°39	20°55	21°59	13°39	S 15
M16	15 33 45	24°46'24	2♊34	0°46	13°56	12°26	4°59	24°32	12°39	9°7	10°35	20°39	20°52	22°6	13°36	M16
T 17	15 37 42	25°44'06	16°47	1°26	15°10	13°7	5°6	24°37	12°42	9°9	10°36	20°38	20°48	22°12	13°34	T 17
W18	15 41 38	26°41'46	1♌11	2°9	16°23	13°48	5°13	24°42	12°45	9°11	10°37	20°35	20°45	22°19	13°31	W18
T 19	15 45 35	27°39'24	15°42	2°57	17°37	14°28	5°20	24°46	12°47	9°12	10°37	20°29	20°42	22°26	13°29	T 19
F 20	15 49 31	28°37'01	0♊16	3°47	18°50	15°9	5°27	24°51	12°50	9°14	10°38	20°21	20°39	22°32	13°26	F 20
S 21	15 53 28	29°34'37	14°48	4°42	20°4	15°49	5°33	24°55	12°53	9°16	10°39	20°11	20°36	22°39	13°24	S 21
S 22	15 57 25	0♊32'11	29°8	5°39	21°18	16°30	5°40	25°0	12°56	9°17	10°40	20°0	20°32	22°46	13°22	S 22
M23	16 1 21	1°29'44	13♋13	6°40	22°31	17°10	5°46	25°4	12°59	9°19	10°40	19°48	20°29	22°52	13°20	M23
T 24	16 5 18	2°27'17	26°56	7°44	23°45	17°50	5°53	25°8	13°2	9°20	10°41	19°39	20°26	22°59	13°18	T 24
W25	16 9 14	3°24'48	10♌15	8°51	24°58	18°31	5°59	25°13	13°5	9°22	10°42	19°31	20°23	23°6	13°16	W25
T 26	16 13 11	4°22'18	23°11	10°1	26°12	19°11	6°5	25°17	13°8	9°23	10°43	19°26	20°20	23°12	13°14	T 26
F 27	16 17 7	5°19'47	5♋44	11°14	27°26	19°51	6°10	25°21	13°11	9°25	10°44	19°24	20°17	23°19	13°12	F 27
S 28	16 21 4	6°17'15	17°59	12°30	28°39	20°31	6°16	25°25	13°14	9°26	10°45	19°D23	20°13	23°26	13°11	S 28
S 29	16 25 1	7°14'43	0♋0	13°49	29°53	21°12	6°21	25°29	13°17	9°28	10°46	19°23	20°10	23°32	13°9	S 29
M30	16 28 57	8°12'10	11°53	15°10	1♊6	21°52	6°27	25°32	13°20	9°29	10°47	19°R23	20°7	23°39	13°8	M30
T 31	16 32 54	9♊9'36	23♋42	16♌35	2♊20	22♊32	6♋32	25♋36	13♌23	9°Y31	10♌48	19♌22	20♌4	23♋46	13♌7	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	14n56	14s11	0n 2	10n27	0s54	8n35	1s24	21n12	0n34	11s17	0s53	4s31	1s59	23n20	0n24	2n 4
M 2	15 14	11 4	1s 1	10 3	1 10	9 3	1 22	21 20	0 35	11 14	0 53	4 29	1 59	23 20	0 24	2 4
T 3	15 32	7 32	2 0	9 41	1 25	9 30	1 21	21 29	0 35	11 11	0 53	4 27	1 59	23 19	0 24	2 5
W 4	15 49	3 42	2 55	9 21	1 40	9 58	1 20	21 37	0 36	11 8	0 53	4 25	1 59	23 19	0 24	2 6
T 5	16 7	0n18	3 42	9 4	1 53	10 25	1 19	21 45	0 36	11 5	0 54	4 23	1 59	23 19	0 24	2 7
F 6	16 24	4 20	4 19	8 49	2 6	10 51	1 18	21 53	0 37	11 2	0 54	4 21	2 0	23 19	0 24	2 7
S 7	16 41	8 15	4 46	8 36	2 18	11 18	1 16	22 0	0 37	10 59	0 54	4 19	2 0	23 19	0 24	2 8
S 8	16 57	11 53	4 59	8 26	2 29	11 44	1 15	22 8	0 38	10 56	0 54	4 17	2 0	23 18	0 24	2 9
M 9	17 14	15 3	4 58	8 19	2 39	12 10	1 13	22 15	0 38	10 53	0 55	4 15	2 0	23 18	0 24	2 9
T 10	17 30	17 33	4 42	8 14	2 49	12 36	1 12	22 22	0 39	10 50	0 55	4 13	2 0	23 18	0 24	2 10
W11	17 45	19 11	4 11	8 11	2 57	13 1	1 10	22 29	0 39	10 47	0 55	4 11	2 1	23 18	0 24	2 11
T 12	18 1	19 49	3 26	8 11	3 4	13 26	1 9	22 36	0 40	10 45	0 55	4 9	2 1	23 17	0 24	2 11
F 13	18 16	19 21	2 29	8 14	3 10	13 51	1 7	22 42	0 40	10 42	0 55	4 7	2 1	23 17	0 24	2 12
S 14	18 31	17 46	1 23	8 19	3 16	14 16	1 5	22 48	0 41	10 39	0 56	4 6	2 1	23 17	0 24	2 13
S 15	18 45	15 7	0 11	8 26	3 20	14 40	1 4	22 55	0 41	10 37	0 56	4 4	2 1	23 17	0 24	2 13
M16	18 59	11 33	1n 3	8 35	3 23	15 4	1 2	23 0	0 41	10 34	0 56	4 2	2 2	23 16	0 24	2 14
T 17	19 13	7 16	2 14	8 46	3 26	15 27	1 0	23 6	0 42	10 32	0 56	4 0	2 2	23 16	0 24	2 15
W18	19 27	2 32	3 17	8 59	3 28	15 50	0 58	23 11	0 42	10 30	0 57	3 59	2 2	23 16	0 24	2 15
T 19	19 40	2s23	4 8	9 14	3 29	16 13	0 56	23 17	0 43	10 27	0 57	3 57	2 2	23 16	0 24	2 16
F 20	19 53	7 10	4 43	9 31	3 29	16 35	0 54	23 22	0 43	10 25	0 57	3 55	2 3	23 15	0 24	2 17
S 21	20 5	11 31	5 0	9 50	3 28	16 57	0 52	23 27	0 44	10 23	0 57	3 54	2 3	23 15	0 24	2 17
S 22	20 18	15 10	4 57	10 10	3 27	17 18	0 50	23 31	0 44	10 21	0 58	3 52	2 3	23 15	0 24	2 18
M23	20 30	17 51	4 37	10 32	3 25	17 39	0 48	23 36	0 44	10 18	0 58	3 51	2 3	23 14	0 24	2 18
T 24	20 41	19 26	4 0	10 55	3 22	17 59	0 46	23 40	0 45	10 16	0 58	3 49	2 3	23 14	0 24	2 19
W25	20 52	19 54	3 12	11 20	3 19	18 19	0 44	23 44	0 45	10 14	0 59	3 48	2 4	23 14	0 24	2 19
T 26	21 3	19 16	2 14	11 46	3 15	18 39	0 42	23 48	0 46	10 12	0 59	3 46	2 4	23 13	0 24	2 20
F 27	21 13	17 42	1 12	12 13	3 10	18 58	0 40	23 51	0 46	10 11	0 59	3 45	2 4	23 13	0 24	2 20
S 28	21 23	15 21	0 7	12 41	3 5	19 17	0 38	23 55	0 47	10 9	0 59	3 44	2 4	23 13	0 24	2 21
S 29	21 33	12 22	0s56	13 10	2 59	19 35	0 36	23 58	0 47	10 7	1 0	3 42	2 5	23 13	0 24	2 22
M30	21 43	8 55	1 57	13 40	2 52	19 52	0 33	24 1	0 47	10 5	1 0	3 41	2 5	23 12	0 24	2 22
T 31	21n51	5s 8	2s52	14n11	2s45	20n 9	0s31	24n 4	0n48	10s 4	1s 0	3s40	2s 5	23n12	0n24	2n23

Julian Day Number = 2342457.5, Delta T = 13.84 sec
 Ecliptic obliquity = 23°28'34", Nutation = - 0°00'12", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 20°34'16", Lahiri = 19°41'16"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1701
geocentric

JUNE 1701

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 36 50	10II 7°01	5°V33	18♂ 2	3II34	23II12	6♂37	25♂40	13♂26	9°V32	10♂49	19°R19	20♂ 1	23♂52	13°R 6	W 1
T 2	16 40 47	11° 4'26	17°31	19°31	4°47	23°52	6°41	25°43	13°30	9°33	10°50	19♂14	19°58	23°59	13♂ 5	T 2
F 3	16 44 43	12° 1'50	29°40	21° 4	6° 1	24°32	6°46	25°47	13°33	9°34	10°51	19° 6	19°54	24° 6	13° 4	F 3
S 4	16 48 40	12°59'13	12♂ 2	22°39	7°14	25°12	6°50	25°50	13°36	9°36	10°52	18°57	19°51	24°12	13° 3	S 4
S 5	16 52 36	13°56'36	24°41	24°17	8°28	25°52	6°55	25°53	13°39	9°37	10°53	18°46	19°48	24°19	13° 2	S 5
M 6	16 56 33	14°53'58	7II35	25°58	9°42	26°32	6°59	25°56	13°43	9°38	10°54	18°35	19°45	24°26	13° 1	M 6
T 7	17 0 30	15°51'20	20°45	27°41	10°55	27°12	7° 3	26° 0	13°46	9°39	10°55	18°24	19°42	24°32	13° 1	T 7
W 8	17 4 26	16°48'40	4♂ 9	29°27	12° 9	27°52	7° 6	26° 3	13°49	9°40	10°56	18°16	19°38	24°39	13° 1	W 8
T 9	17 8 23	17°46'00	17°46	1II15	13°23	28°32	7°10	26° 5	13°53	9°42	10°58	18°10	19°35	24°46	13° 0	T 9
F 10	17 12 19	18°43'19	1♂32	3° 6	14°36	29°11	7°13	26° 8	13°56	9°43	10°59	18° 7	19°32	24°52	13° 0	F 10
S 11	17 16 16	19°40'37	15°26	4°59	15°50	29°51	7°16	26°11	13°59	9°44	11° 0	18°D 6	19°29	24°59	13°D 0	S 11
S 12	17 20 12	20°37'55	29°26	6°55	17° 4	0♂31	7°19	26°14	14° 3	9°45	11° 1	18° 6	19°26	25° 6	13° 0	S 12
M13	17 24 9	21°35'11	13II31	8°53	18°17	1°11	7°22	26°16	14° 6	9°46	11° 2	18° 7	19°23	25°12	13° 0	M13
T 14	17 28 5	22°32'26	27°40	10°54	19°31	1°50	7°25	26°19	14°10	9°47	11° 4	18°R 7	19°19	25°19	13° 1	T 14
W15	17 32 2	23°29'41	11♂52	12°56	20°45	2°30	7°27	26°21	14°13	9°48	11° 5	18° 5	19°16	25°26	13° 1	W15
T 16	17 35 59	24°26'55	26° 4	15° 0	21°58	3°10	7°29	26°23	14°17	9°49	11° 6	18° 2	19°13	25°32	13° 2	T 16
F 17	17 39 55	25°24'08	10II15	17° 6	23°12	3°49	7°31	26°26	14°20	9°49	11° 8	17°56	19°10	25°39	13° 2	F 17
S 18	17 43 52	26°21'21	24°19	19°14	24°26	4°29	7°33	26°28	14°24	9°50	11° 9	17°49	19° 7	25°46	13° 3	S 18
S 19	17 47 48	27°18'33	8♂14	21°23	25°39	5° 8	7°35	26°30	14°27	9°51	11°10	17°41	19° 4	25°52	13° 4	S 19
M20	17 51 45	28°15'44	21°55	23°33	26°53	5°48	7°36	26°31	14°31	9°52	11°12	17°33	19° 0	25°59	13° 5	M20
T 21	17 55 41	29°12'56	5♂19	25°43	28° 7	6°27	7°37	26°33	14°34	9°53	11°13	17°26	18°57	26° 6	13° 6	T 21
W22	17 59 38	0♂10'07	18°25	27°54	29°20	7° 7	7°38	26°35	14°38	9°53	11°15	17°21	18°54	26°13	13° 7	W22
T 23	18 3 34	1° 7'17	1♂11	0♂ 5	0♂34	7°46	7°39	26°37	14°41	9°54	11°16	17°17	18°51	26°19	13° 9	T 23
F 24	18 7 31	2° 4'28	13°39	2°16	1°48	8°25	7°40	26°38	14°45	9°55	11°18	17°D16	18°48	26°26	13°10	F 24
S 25	18 11 28	3° 1'39	25°52	4°27	3° 1	9° 5	7°41	26°39	14°49	9°55	11°19	17°16	18°44	26°33	13°12	S 25
S 26	18 15 24	3°58'50	7♂53	6°37	4°15	9°44	7°41	26°41	14°52	9°56	11°21	17°18	18°41	26°39	13°13	S 26
M27	18 19 21	4°56'00	19°46	8°47	5°29	10°23	7°R41	26°42	14°56	9°56	11°22	17°19	18°38	26°46	13°15	M27
T 28	18 23 17	5°53'11	1°V37	10°55	6°43	11° 3	7°41	26°43	14°59	9°57	11°24	17°R20	18°35	26°53	13°17	T 28
W29	18 27 14	6°50'22	13°29	13° 2	7°56	11°42	7°41	26°44	15° 3	9°57	11°25	17°20	18°32	26°59	13°19	W29
T 30	18 31 10	7♂47'34	25°V29	15♂ 7	9♂10	12♂21	7♂40	26°45	15♂ 7	9°V58	11♂27	17♂18	18♂29	27♂ 6	13♂21	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
W 1	22n 0	1s 9	3s40	14n42	2s37	20n26	0s29	24n 6	0n48	10s 2	1s 0	3s39	2s 5	23n12	0n24	2n23	1s31	24n50	7n36	15n 3	14n50	5s 4	6s10	1s 4	
T 2	22 8	2n54	4 18	15 15	2 29	20 42	0 26	24 8	0 49	10 1	1 1	3 37	2 6	23 11	0 24	2 23	1 31	24 50	7 35	15 5	14 51	5 2	6 9	1 3	
F 3	22 16	6 54	4 46	15 47	2 21	20 57	0 24	24 11	0 49	9 59	1 1	3 36	2 6	23 11	0 24	2 24	1 31	24 50	7 35	15 7	14 52	5 0	6 8	1 3	
S 4	22 23	10 42	5 1	16 20	2 12	21 12	0 22	24 13	0 49	9 58	1 1	3 35	2 6	23 11	0 24	2 24	1 31	24 49	7 35	15 10	14 53	4 58	6 7	1 3	
S 5	22 31	14 5	5 1	16 54	2 2	21 26	0 20	24 14	0 50	9 56	1 2	3 34	2 6	23 10	0 24	2 25	1 32	24 49	7 35	15 13	14 54	4 56	6 6	1 2	
M 6	22 37	16 53	4 47	17 27	1 53	21 39	0 17	24 16	0 50	9 55	1 2	3 33	2 7	23 10	0 24	2 25	1 32	24 48	7 35	15 17	14 55	4 54	6 6	1 2	
T 7	22 43	18 53	4 17	18 0	1 43	21 52	0 15	24 17	0 50	9 54	1 2	3 32	2 7	23 10	0 24	2 26	1 32	24 48	7 35	15 20	14 56	4 53	6 5	1 1	
W 8	22 49	19 53	3 32	18 34	1 32	22 5	0 12	24 18	0 51	9 53	1 2	3 31	2 7	23 9	0 24	2 26	1 32	24 47	7 35	15 23	14 57	4 51	6 5	1 1	
T 9	22 55	19 44	2 35	19 7	1 21	22 16	0 10	24 19	0 51	9 52	1 3	3 30	2 7	23 9	0 24	2 26	1 32	24 47	7 35	15 24	14 58	4 49	6 4	1 0	
F 10	23 0	18 26	1 27	19 39	1 10	22 28	0 8	24 20	0 51	9 51	1 3	3 29	2 8	23 9	0 24	2 27	1 32	24 47	7 35	15 25	14 59	4 47	6 4	1 0	
S 11	23 4	16 0	0 14	20 11	0 59	22 38	0 5	24 20	0 52	9 50	1 3	3 28	2 8	23 8	0 24	2 27	1 32	24 46	7 35	15 26	15 0	4 45	6 3	0 59	
S 12	23 9	12 38	1n 0	20 42	0 48	22 48	0 3	24 21	0 52	9 49	1 4	3 28	2 8	23 8	0 24	2 28	1 32	24 46	7 34	15 26	15 1	4 43	6 3	0 59	
M13	23 13	8 31	2 12	21 12	0 37	22 57	0 1	24 21	0 53	9 48	1 4	3 27	2 8	23 7	0 24	2 28	1 32	24 45	7 34	15 26	15 2	4 41	6 2	0 58	
T 14	23 16	3 55	3 16	21 41	0 26	23 6	0n 2	24 21	0 53	9 48	1 4	3 26	2 9	23 7	0 24	2 28	1 32	24 45	7 34	15 25	15 3	4 39	6 2	0 58	
W15	23 19	0s54	4 8	22 9	0 14	23 13	0 4	24 20	0 53	9 47	1 4	3 25	2 9	23 7	0 24	2 29	1 32	24 44	7 34	15 26	15 4	4 37	6 2	0 57	
T 16	23 22	5 40	4 44	22 35	0 3	23 21	0 7	24 20	0 54	9 47	1 5	3 25	2 9	23 6	0 24	2 29	1 32	24 44	7 34	15 27	15 5	4 35	6 2	0 57	
F 17	23 24	10 6	5 4	22 59	0n 8	23 27	0 9	24 19	0 54	9 46	1 5	3 24	2 9	23 6	0 24	2 29	1 32	24 43	7 34	15 29	15 6	4 33	6 1	0 56	
S 18	23 26	13 57	5 5	23 21	0 18	23 33	0 11	24 18	0 54	9 46	1 5	3 24	2 10	23 6	0 24	2 29	1 32	24 43	7 34	15 31	15 7	4 31	6 1	0 56	
S 19	23 27	16 59	4 47	23 40	0 29	23 38	0 14	24 17	0 55	9 45	1 6	3 23	2 10	23 5	0 24	2 30	1 32	24 42	7 34	15 33	15 8	4 29	6 1	0 55	
M20	23 28	19 1	4 14	23 58	0 39	23 42	0 16	24 16	0 55	9 45	1 6	3 22	2 10	23 5	0 24	2 30	1 32	24 42	7 34	15 36	15 9	4 27	6 1	0 55	
T 21	23 28	19 56	3 27	24 13	0 48	23 46	0 18	24 14	0 55	9 45	1 6	3 22	2 10	23 4	0 24	2 30	1 32	24 42	7 34	15 38	15 10	4 25	6 1	0 55	
W22	23 29	19 44	2 29	24 25	0 57	23 49	0 21	24 13	0 56	9 45	1 7	3 22	2 11	23 4	0 24	2 30	1 32	24 41	7 34	15 40	15 11	4 23	6 1	0 54	
T 23	23 28	18 32	1 26	24 34	1 6	23 51	0 23	24 11	0 56	9 45	1 7	3 21	2 11	23 4	0 24	2 31	1 32	24 41	7 34	15 41	15 12	4 21	6 1	0 54	
F 24	23 28	16 26	0 20	24 41	1 13	23 53	0 25	24 8	0 56	9 45	1 7	3 21	2 11	23 3	0 24	2 31	1 33	24 40	7 34	15 41	15 13	4 18	6 1	0 53	
S 25	23 26	13 39	0s47	24 45	1 20	23 54	0 28	24 6	0 56	9 45	1 7	3 21	2 12	23 3	0 24	2 31	1 33	24 40	7 34	15 41	15 14	4 16	6 2	0 53	
S 26	23 25	10 19	1 50	24 45	1 27	23 54	0 30	24 4	0 57	9 45	1 8	3 20	2 12	23 3	0 24	2 31	1 33	24 39	7 33	15 41	15 15	4 14	6 2	0 52	
M27	23 23	6 37	2 47	24 44	1 33	23 54	0 32	24 1	0 57	9 45	1 8	3 20	2 12	23 2	0 24	2 31	1 33	24 39	7 33	15 40	15 16	4 12	6 2	0 52	
T 28	23 21	2 41	3 37	24 39	1 38	23 52	0 34	23 58	0 57	9 45	1 8	3 20	2 12	23 2	0 24	2 31	1 33	24 38	7 33	15 40	15 17	4 10	6 2	0 51	
W29	23 18	1n22	4 19	24 32	1 42	23 51	0 36	23 55	0 58	9 46	1 9	3 20	2 13	23 1	0 24	2 32	1 33	24 38	7 33	15 40	15 18	4 8	6 3	0 51	
T 30	23n15	5n23	4s49	24n22	1n45	23n48	0n38	23n52	0n58	9s46	1s 9	3s20	2s13	23n 1	0n24	2n32	1s33	24n37	7n33	15n40	15n19	4s 6	6s 3	0s51	

ASTRODIENST EPHEMERIS for the year 1701

geocentric

JULY 1701

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 35 7	8♂44'45	7♂41	17♂11	10♂24	13♂0	7°R40	26♂46	15♂10	9♂58	11♂28	17°R15	18♂25	27♂13	13♂23	F 1
S 2	18 39 3	9°41'57	20° 9	19°14	11°38	13°40	7♂39	26°46	15°14	9°59	11°30	17♂10	18°22	27°19	13°26	S 2
S 3	18 43 0	10°39'09	2♂55	21°14	12°51	14°19	7°38	26°47	15°17	9°59	11°32	17° 5	18°19	27°26	13°28	S 3
M 4	18 46 57	11°36'22	16° 1	23°13	14° 5	14°58	7°36	26°48	15°21	9°59	11°33	16°59	18°16	27°33	13°31	M 4
T 5	18 50 53	12°33'35	29°27	25°10	15°19	15°37	7°35	26°48	15°25	10° 0	11°35	16°54	18°13	27°39	13°33	T 5
W 6	18 54 50	13°30'48	13♂11	27° 6	16°33	16°16	7°33	26°48	15°28	10° 0	11°36	16°49	18°10	27°46	13°36	W 6
T 7	18 58 46	14°28'01	27°11	28°59	17°47	16°55	7°31	26°49	15°32	10° 0	11°38	16°46	18° 6	27°53	13°39	T 7
F 8	19 2 43	15°25'15	11♂23	0♂51	19° 0	17°34	7°29	26°R49	15°36	10° 0	11°40	16°D45	18° 3	27°59	13°42	F 8
S 9	19 6 39	16°22'28	25°42	2°40	20°14	18°13	7°27	26°49	15°39	10° 1	11°41	16°45	18° 0	28° 6	13°45	S 9
S 10	19 10 36	17°19'42	10♂3	4°28	21°28	18°52	7°25	26°48	15°43	10° 1	11°43	16°46	17°57	28°13	13°48	S 10
M 11	19 14 32	18°16'55	24°24	6°14	22°42	19°31	7°22	26°48	15°47	10° 1	11°45	16°48	17°54	28°19	13°51	M 11
T 12	19 18 29	19°14'09	8♂41	7°57	23°56	20°10	7°19	26°48	15°50	10° 1	11°46	16°49	17°50	28°26	13°55	T 12
W 13	19 22 26	20°11'22	22°51	9°39	25°10	20°49	7°17	26°48	15°54	10° 1	11°48	16°R49	17°47	28°33	13°58	W 13
T 14	19 26 22	21° 8'36	6♂54	11°19	26°24	21°28	7°13	26°47	15°58	10°R 1	11°50	16°48	17°44	28°39	14° 2	T 14
F 15	19 30 19	22° 5'50	20°47	12°57	27°37	22° 7	7°10	26°46	16° 1	10° 1	11°52	16°46	17°41	28°46	14° 5	F 15
S 16	19 34 15	23° 3'05	4♂28	14°34	28°51	22°46	7° 7	26°46	16° 5	10° 1	11°53	16°44	17°38	28°53	14° 9	S 16
S 17	19 38 12	24° 0'19	17°57	16° 8	0♂ 5	23°24	7° 3	26°45	16° 9	10° 1	11°55	16°40	17°35	28°59	14°13	S 17
M 18	19 42 8	24°57'34	1♂12	17°40	1°19	24° 3	6°59	26°44	16°12	10° 1	11°57	16°37	17°31	29° 6	14°17	M 18
T 19	19 46 5	25°54'50	14°13	19°11	2°33	24°42	6°55	26°43	16°16	10° 0	11°59	16°34	17°28	29°13	14°21	T 19
W 20	19 50 1	26°52'06	27° 0	20°39	3°47	25°21	6°51	26°42	16°19	10° 0	12° 0	16°33	17°25	29°19	14°25	W 20
T 21	19 53 58	27°49'22	9♂32	22° 6	5° 1	25°59	6°46	26°41	16°23	10° 0	12° 2	16°32	17°22	29°26	14°29	T 21
F 22	19 57 55	28°46'40	21°50	23°31	6°15	26°38	6°42	26°39	16°27	10° 0	12° 4	16°D31	17°19	29°33	14°34	F 22
S 23	20 1 51	29°43'58	3♂57	24°53	7°28	27°17	6°37	26°38	16°30	10° 0	12° 6	16°32	17°16	29°40	14°38	S 23
S 24	20 5 48	0♂41'17	15°55	26°14	8°42	27°56	6°32	26°37	16°34	9°59	12° 8	16°33	17°12	29°46	14°43	S 24
M 25	20 9 44	1°38'37	27°47	27°32	9°56	28°34	6°27	26°35	16°37	9°59	12° 9	16°35	17° 9	29°53	14°47	M 25
T 26	20 13 41	2°35'58	9♂38	28°48	11°10	29°13	6°22	26°33	16°41	9°58	12°11	16°36	17° 6	29°59	14°52	T 26
W 27	20 17 37	3°33'20	21°30	0♂3	12°24	29°51	6°17	26°32	16°44	9°58	12°13	16°37	17° 3	0♂6	14°57	W 27
T 28	20 21 34	4°30'43	3♂30	1°15	13°38	0♂30	6°11	26°30	16°48	9°58	12°15	16°R37	17° 0	0°13	15° 2	T 28
F 29	20 25 30	5°28'07	15°41	2°24	14°52	1° 9	6° 5	26°28	16°51	9°57	12°17	16°37	16°56	0°20	15° 7	F 29
S 30	20 29 27	6°25'32	28° 8	3°31	16° 6	1°47	6° 0	26°26	16°55	9°57	12°18	16°36	16°53	0°26	15°12	S 30
S 31	20 33 24	7♂22'59	10♂55	4♂36	17♂20	2♂26	5♂54	26♂23	16♂58	9♂56	12♂20	16♂35	16♂50	0♂33	15♂17	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	23n11	9n15	5s 7	24n 9	1n48	23n45	0n41	23n48	0n58	9s47	1 s 9	3s20	2s13	23n 1	0n24	2n32
S 2	23 7	12 49	5 10	23 55	1 50	23 40	0 43	23 45	0 59	9 47	1 10	3 19	2 13	23 0	0 24	2 32
S 3	23 3	15 53	4 59	23 38	1 51	23 36	0 45	23 41	0 59	9 48	1 10	3 19	2 14	23 0	0 24	2 32
M 4	22 58	18 14	4 32	23 19	1 52	23 30	0 47	23 37	0 59	9 49	1 10	3 20	2 14	22 59	0 24	2 32
T 5	22 53	19 39	3 50	22 58	1 52	23 24	0 49	23 33	0 59	9 50	1 10	3 20	2 14	22 59	0 24	2 32
W 6	22 47	19 57	2 53	22 35	1 51	23 17	0 51	23 28	1 0	9 50	1 11	3 20	2 15	22 58	0 24	2 32
T 7	22 41	19 2	1 45	22 11	1 50	23 10	0 53	23 24	1 0	9 51	1 11	3 20	2 15	22 58	0 24	2 32
F 8	22 35	16 55	0 29	21 45	1 48	23 1	0 54	23 19	1 0	9 52	1 11	3 20	2 15	22 58	0 24	2 32
S 9	22 28	13 44	0n49	21 18	1 45	22 53	0 56	23 14	1 0	9 54	1 12	3 20	2 15	22 57	0 24	2 32
S 10	22 21	9 44	2 4	20 49	1 42	22 43	0 58	23 9	1 1	9 55	1 12	3 21	2 16	22 57	0 24	2 32
M 11	22 14	5 10	3 12	20 20	1 38	22 33	1 0	23 4	1 1	9 56	1 12	3 21	2 16	22 56	0 24	2 32
T 12	22 6	0 20	4 7	19 49	1 34	22 22	1 2	22 58	1 1	9 57	1 12	3 21	2 16	22 56	0 24	2 32
W 13	21 57	4s27	4 47	19 17	1 29	22 10	1 3	22 52	1 1	9 59	1 13	3 22	2 16	22 56	0 24	2 32
T 14	21 49	8 58	5 9	18 45	1 24	21 58	1 5	22 47	1 2	10 0	1 13	3 22	2 17	22 55	0 24	2 32
F 15	21 40	12 56	5 13	18 12	1 18	21 45	1 6	22 41	1 2	10 2	1 13	3 23	2 17	22 55	0 24	2 32
S 16	21 30	16 10	4 59	17 38	1 12	21 32	1 8	22 34	1 2	10 3	1 14	3 23	2 17	22 54	0 24	2 32
S 17	21 20	18 28	4 29	17 3	1 5	21 18	1 9	22 28	1 2	10 5	1 14	3 24	2 18	22 54	0 24	2 32
M 18	21 10	19 44	3 44	16 29	0 58	21 3	1 11	22 22	1 3	10 6	1 14	3 24	2 18	22 53	0 24	2 32
T 19	21 0	19 55	2 49	15 53	0 50	20 48	1 12	22 15	1 3	10 8	1 14	3 25	2 18	22 53	0 24	2 32
W 20	20 49	19 4	1 46	15 18	0 42	20 32	1 13	22 8	1 3	10 10	1 15	3 26	2 18	22 53	0 24	2 32
T 21	20 38	17 17	0 39	14 42	0 34	20 15	1 15	22 1	1 3	10 12	1 15	3 26	2 19	22 52	0 24	2 31
F 22	20 26	14 43	0s29	14 6	0 26	19 58	1 16	21 54	1 4	10 14	1 15	3 27	2 19	22 52	0 24	2 31
S 23	20 14	11 33	1 35	13 30	0 17	19 40	1 17	21 47	1 4	10 16	1 15	3 28	2 19	22 51	0 24	2 31
S 24	20 2	7 57	2 36	12 55	0 7	19 22	1 18	21 39	1 4	10 18	1 16	3 29	2 19	22 51	0 24	2 31
M 25	19 49	4 4	3 29	12 19	0s 2	19 3	1 19	21 32	1 4	10 20	1 16	3 30	2 20	22 50	0 24	2 31
T 26	19 37	0 4	4 13	11 43	0 12	18 44	1 20	21 24	1 4	10 22	1 16	3 31	2 20	22 50	0 24	2 31
W 27	19 23	3n57	4 47	11 8	0 22	18 24	1 21	21 16	1 5	10 24	1 16	3 32	2 20	22 50	0 24	2 30
T 28	19 10	7 52	5 9	10 33	0 32	18 4	1 22	21 8	1 5	10 27	1 17	3 33	2 20	22 49	0 24	2 30
F 29	18 56	11 30	5 17	9 58	0 43	17 43	1 23	21 0	1 5	10 29	1 17	3 34	2 21	22 49	0 24	2 30
S 30	18 42	14 44	5 10	9 24	0 53	17 22	1 23	20 51	1 5	10 31	1 17	3 35	2 21	22 48	0 24	2 30
S 31	18n27	17n21	4s49	8n51	1 s 4	17n 0	1n24	20n43	1n 5	10s34	1s17	3s36	2s21	22n48	0n24	2n29

Julian Day Number = 2342518.5, Delta T = 13.78 sec
 Ecliptic obliquity = 23°28'34, Nutation = -0°00'11, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 20°34'24, Lahiri = 19°41'25Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1701

geocentric

AUGUST 1701

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 37 20	8♂20'27	24♂ 5	5♂38	18♂34	3♂ 4	5♂R48	26♂R21	17♂ 2	9♂R56	12♂22	16♂R34	16♂47	0♂Y40	15♂22	M 1
T 2	20 41 17	9♂17'56	7♂39	6♂37	19♂48	3♂43	5♂H41	26♂H19	17♂ 5	9♂Y55	12♂24	16♂R33	16♂44	0♂46	15♂28	T 2
W 3	20 45 13	10♂15'27	21♂35	7♂34	21♂ 2	4♂21	5♂35	26♂17	17♂ 9	9♂54	12♂26	16♂33	16♂41	0♂53	15♂33	W 3
T 4	20 49 10	11♂12'58	5♂53	8♂28	22♂16	5♂ 0	5♂29	26♂14	17♂12	9♂54	12♂28	16♂32	16♂37	1♂ 0	15♂39	T 4
F 5	20 53 6	12♂10'31	20♂27	9♂18	23♂30	5♂38	5♂22	26♂11	17♂16	9♂53	12♂29	16♂D32	16♂34	1♂ 6	15♂44	F 5
S 6	20 57 3	13♂ 8'05	5♂11	10♂ 5	24♂44	6♂17	5♂15	26♂ 9	17♂19	9♂52	12♂31	16♂32	16♂31	1♂13	15♂50	S 6
S 7	21 0 59	14♂ 5'39	19♂59	10♂49	25♂58	6♂55	5♂ 9	26♂ 6	17♂22	9♂52	12♂33	16♂33	16♂28	1♂20	15♂56	S 7
M 8	21 4 56	15♂ 3'15	4♂42	11♂30	27♂12	7♂34	5♂ 2	26♂ 3	17♂26	9♂51	12♂35	16♂33	16♂25	1♂26	16♂ 1	M 8
T 9	21 8 53	16♂ 0'51	19♂16	12♂ 6	28♂26	8♂12	4♂55	26♂ 0	17♂29	9♂50	12♂37	16♂33	16♂22	1♂33	16♂ 7	T 9
W10	21 12 49	16♂58'29	3♂36	12♂38	29♂40	8♂51	4♂48	25♂57	17♂32	9♂49	12♂38	16♂R33	16♂18	1♂40	16♂13	W10
T 11	21 16 46	17♂56'07	17♂38	13♂ 7	0♂54	9♂29	4♂40	25♂54	17♂36	9♂48	12♂40	16♂D33	16♂15	1♂46	16♂19	T 11
F 12	21 20 42	18♂53'47	1♂23	13♂30	2♂ 8	10♂ 7	4♂33	25♂51	17♂39	9♂47	12♂42	16♂33	16♂12	1♂53	16♂26	F 12
S 13	21 24 39	19♂51'27	14♂50	13♂49	3♂22	10♂46	4♂26	25♂48	17♂42	9♂46	12♂44	16♂33	16♂ 9	2♂ 0	16♂32	S 13
S 14	21 28 35	20♂49'09	28♂ 0	14♂ 3	4♂36	11♂24	4♂18	25♂44	17♂45	9♂46	12♂46	16♂33	16♂ 6	2♂ 7	16♂38	S 14
M15	21 32 32	21♂46'52	10♂53	14♂12	5♂50	12♂ 2	4♂11	25♂41	17♂48	9♂45	12♂48	16♂34	16♂ 2	2♂13	16♂44	M15
T 16	21 36 28	22♂44'36	23♂33	14♂R16	7♂ 4	12♂41	4♂ 3	25♂38	17♂52	9♂44	12♂49	16♂34	15♂59	2♂20	16♂51	T 16
W17	21 40 25	23♂42'21	6♂ 1	14♂14	8♂18	13♂19	3♂56	25♂34	17♂55	9♂43	12♂51	16♂35	15♂56	2♂27	16♂57	W17
T 18	21 44 22	24♂40'07	18♂17	14♂ 7	9♂32	13♂57	3♂48	25♂31	17♂58	9♂41	12♂53	16♂R35	15♂53	2♂33	17♂ 4	T 18
F 19	21 48 18	25♂37'55	0♂24	13♂53	10♂46	14♂36	3♂40	25♂27	18♂ 1	9♂40	12♂55	16♂35	15♂50	2♂40	17♂10	F 19
S 20	21 52 15	26♂35'44	12♂24	13♂34	12♂ 0	15♂14	3♂32	25♂23	18♂ 4	9♂39	12♂57	16♂34	15♂47	2♂47	17♂17	S 20
S 21	21 56 11	27♂33'35	24♂18	13♂ 9	13♂14	15♂52	3♂24	25♂19	18♂ 7	9♂38	12♂58	16♂33	15♂43	2♂53	17♂24	S 21
M22	22 0 8	28♂31'28	6♂Y 8	12♂38	14♂28	16♂30	3♂17	25♂16	18♂10	9♂37	13♂ 0	16♂31	15♂40	3♂ 0	17♂31	M22
T 23	22 4 4	29♂29'22	17♂58	12♂ 1	15♂42	17♂ 8	3♂ 9	25♂12	18♂13	9♂36	13♂ 2	16♂29	15♂37	3♂ 7	17♂38	T 23
W24	22 8 1	0♂27'18	29♂51	11♂20	16♂56	17♂47	3♂ 1	25♂ 8	18♂16	9♂35	13♂ 4	16♂27	15♂34	3♂13	17♂44	W24
T 25	22 11 57	1♂25'16	11♂50	10♂33	18♂10	18♂25	2♂53	25♂ 4	18♂19	9♂34	13♂ 5	16♂26	15♂31	3♂20	17♂51	T 25
F 26	22 15 54	2♂23'15	24♂ 0	9♂43	19♂24	19♂ 3	2♂45	25♂ 0	18♂22	9♂32	13♂ 7	16♂25	15♂27	3♂27	17♂59	F 26
S 27	22 19 51	3♂21'17	6♂II24	8♂49	20♂38	19♂41	2♂37	24♂56	18♂25	9♂31	13♂ 9	16♂D25	15♂24	3♂33	18♂ 6	S 27
S 28	22 23 47	4♂19'21	19♂ 7	7♂53	21♂52	20♂19	2♂29	24♂51	18♂27	9♂30	13♂11	16♂25	15♂21	3♂40	18♂13	S 28
M29	22 27 44	5♂17'26	2♂52	6♂56	23♂ 6	20♂58	2♂21	24♂47	18♂30	9♂28	13♂12	16♂26	15♂18	3♂47	18♂20	M29
T 30	22 31 40	6♂15'34	15♂43	5♂59	24♂20	21♂36	2♂13	24♂43	18♂33	9♂27	13♂14	16♂28	15♂15	3♂54	18♂27	T 30
W31	22 35 37	7♂13'43	29♂41	5♂13	25♂34	22♂14	2♂H 5	24♂H39	18♂36	9♂Y26	13♂16	16♂D29	15♂12	4♂Y 0	18♂35	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	18n12	19n 9	4s12	8n18	1s15	16n38	1n25	20n34	1n 6	10s36	1s18	3s37	2s21	22n47	0n24	2n29	1s35
T 2	17 57	19 56	3 19	7 46	1 26	16 15	1 25	20 25	1 6	10 39	1 18	3 38	2 22	22 47	0 24	2 29	1 35
W 3	17 42	19 32	2 14	7 14	1 38	15 52	1 26	20 16	1 6	10 41	1 18	3 39	2 22	22 47	0 24	2 29	1 35
T 4	17 26	17 53	0 59	6 44	1 49	15 28	1 26	20 7	1 6	10 44	1 18	3 40	2 22	22 46	0 24	2 28	1 35
F 5	17 10	15 2	0n22	6 14	2 0	15 4	1 27	19 58	1 6	10 46	1 18	3 41	2 22	22 46	0 24	2 28	1 35
S 6	16 54	11 12	1 42	5 46	2 12	14 40	1 27	19 48	1 7	10 49	1 19	3 43	2 22	22 45	0 24	2 28	1 35
S 7	16 38	6 40	2 55	5 19	2 23	14 15	1 27	19 39	1 7	10 52	1 19	3 44	2 23	22 45	0 24	2 27	1 35
M 8	16 21	1 45	3 57	4 53	2 35	13 50	1 27	19 29	1 7	10 54	1 19	3 45	2 23	22 45	0 24	2 27	1 35
T 9	16 4	3s12	4 42	4 29	2 46	13 24	1 27	19 19	1 7	10 57	1 19	3 47	2 23	22 44	0 24	2 27	1 35
W10	15 46	7 53	5 9	4 6	2 57	12 58	1 27	19 10	1 7	11 0	1 19	3 48	2 23	22 44	0 24	2 26	1 35
T 11	15 29	12 2	5 17	3 45	3 8	12 32	1 27	18 59	1 8	11 3	1 20	3 50	2 24	22 43	0 24	2 26	1 35
F 12	15 11	15 27	5 7	3 26	3 19	12 5	1 27	18 49	1 8	11 6	1 20	3 51	2 24	22 43	0 25	2 25	1 35
S 13	14 53	17 59	4 40	3 9	3 29	11 38	1 27	18 39	1 8	11 8	1 20	3 52	2 24	22 43	0 25	2 25	1 35
S 14	14 35	19 29	3 58	2 55	3 39	11 11	1 27	18 29	1 8	11 11	1 20	3 54	2 24	22 42	0 25	2 25	1 35
M15	14 16	19 57	3 5	2 42	3 49	10 44	1 26	18 18	1 8	11 14	1 20	3 55	2 24	22 42	0 25	2 24	1 35
T 16	13 57	19 23	2 4	2 33	3 58	10 16	1 26	18 7	1 8	11 17	1 20	3 57	2 25	22 41	0 25	2 24	1 35
W17	13 38	17 51	0 58	2 26	4 6	9 48	1 26	17 57	1 8	11 20	1 21	3 59	2 25	22 41	0 25	2 23	1 36
T 18	13 19	15 31	0s 9	2 22	4 13	9 19	1 25	17 46	1 9	11 23	1 21	4 0	2 25	22 41	0 25	2 23	1 36
F 19	13 0	12 32	1 16	2 21	4 20	8 51	1 25	17 35	1 9	11 26	1 21	4 2	2 25	22 40	0 25	2 22	1 36
S 20	12 40	9 3	2 18	2 23	4 25	8 22	1 24	17 23	1 9	11 29	1 21	4 3	2 25	22 40	0 25	2 22	1 36
S 21	12 20	5 14	3 14	2 29	4 29	7 53	1 23	17 12	1 9	11 32	1 21	4 5	2 25	22 39	0 25	2 21	1 36
M22	12 0	1 15	4 1	2 38	4 32	7 24	1 22	17 1	1 9	11 35	1 21	4 7	2 26	22 39	0 25	2 21	1 36
T 23	11 40	2n47	4 38	2 51	4 34	6 54	1 22	16 49	1 9	11 38	1 21	4 9	2 26	22 39	0 25	2 20	1 36
W24	11 20	6 42	5 3	3 7	4 33	6 24	1 21	16 38	1 9	11 41	1 21	4 10	2 26	22 38	0 25	2 20	1 36
T 25	10 59	10 25	5 15	3 26	4 31	5 55	1 20	16 26	1 10	11 44	1 22	4 12	2 26	22 38	0 25	2 19	1 36
F 26	10 38	13 44	5 13	3 48	4 28	5 25	1 19	16 14	1 10	11 47	1 22	4 14	2 26	22 37	0 25	2 19	1 36
S 27	10 17	16 32	4 57	4 14	4 22	4 54	1 18	16 2	1 10	11 50	1 22	4 15	2 26	22 37	0 25	2 18	1 36
S 28	9 56	18 36	4 26	4 41	4 14	4 24	1 16	15 50	1 10	11 53	1 22	4 17	2 27	22 37	0 25	2 18	1 36
M29	9 35	19 47	3 41	5 11	4 5	3 54	1 15	15 38	1 10	11 55	1 22	4 19	2 27	22 36	0 25	2 17	1 36
T 30	9 14	19 52	2 42	5 43	3 53	3 23	1 14	15 26	1 10	11 58	1 22	4 21	2 27	22 36	0 25	2 17	1 36
W31	8n52	18n46	1s31	6n16	3s40	2n53	1n12	15n14	1n10	12s 1	1s22	4s23	2s27	22n36	0n25	2n16	1s36

Julian Day Number = 2342549.5, Delta T = 13.75 sec
 Ecliptic obliquity = 23°28'34", Nutation = - 0°00'11", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 20°34'28", Lahiri = 19°41'29"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1701

geocentric

SEPTEMBER 1701

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 39 33	8 ^h 11'55"	14 ^h 04'	4 ^h R 9	26 ^h 48'	22 ^h 05'2	1 ^h R58	24 ^h R34	18 ^h 38'	9 ^h R24	13 ^h 01'7	16 ^h R30	15 ^h 08'	4 ^h Y 7	18 ^h 42'	T 1
F 2	22 43 30	9 ^h 10'08"	28 ^h 50'	3 ^h 19	28 ^h 2	23 ^h 30	1 ^h 50	24 ^h 30	18 ^h 41'	9 ^h Y23	13 ^h 19	16 ^h 02'9	15 ^h 5	4 ^h 14	18 ^h 50'	F 2
S 3	22 47 26	10 ^h 8'23"	13 ^h 11'51"	2 ^h 34	29 ^h 16	24 ^h 8	1 ^h 42	24 ^h 26	18 ^h 44'	9 ^h 22	13 ^h 21	16 ^h 28	15 ^h 2	4 ^h 20	18 ^h 57'	S 3
S 4	22 51 23	11 ^h 6'39"	28 ^h 59'	1 ^h 55	0 ^h 29	24 ^h 46	1 ^h 34	24 ^h 21	18 ^h 46'	9 ^h 20	13 ^h 23	16 ^h 25	14 ^h 59	4 ^h 27	19 ^h 5	S 4
M 5	22 55 20	12 ^h 4'58"	14 ^h 5	1 ^h 23	1 ^h 43	25 ^h 24	1 ^h 27	24 ^h 17	18 ^h 49'	9 ^h 19	13 ^h 24	16 ^h 22	14 ^h 56	4 ^h 34	19 ^h 12	M 5
T 6	22 59 16	13 ^h 3'18"	28 ^h 59'	0 ^h 58	2 ^h 57	26 ^h 2	1 ^h 19	24 ^h 12	18 ^h 51'	9 ^h 17	13 ^h 26	16 ^h 18	14 ^h 53	4 ^h 40	19 ^h 20	T 6
W 7	23 3 13	14 ^h 1'39"	13 ^h 35'	0 ^h 42	4 ^h 11	26 ^h 40	1 ^h 11	24 ^h 8	18 ^h 54'	9 ^h 16	13 ^h 27	16 ^h 15	14 ^h 49	4 ^h 47	19 ^h 28	W 7
T 8	23 7 9	15 ^h 0'03"	27 ^h 47'	0 ^h D35	5 ^h 25	27 ^h 18	1 ^h 4	24 ^h 3	18 ^h 56'	9 ^h 14	13 ^h 29	16 ^h 13	14 ^h 46	4 ^h 54	19 ^h 35	T 8
F 9	23 11 6	15 ^h 58'28"	11 ^h 34'	0 ^h 37	6 ^h 39	27 ^h 57	0 ^h 57	23 ^h 59	18 ^h 58'	9 ^h 13	13 ^h 31	16 ^h D12	14 ^h 43	5 ^h 0	19 ^h 43	F 9
S 10	23 15 2	16 ^h 56'54"	24 ^h 56'	0 ^h 48	7 ^h 53	28 ^h 35	0 ^h 49	23 ^h 54	19 ^h 1	9 ^h 11	13 ^h 32	16 ^h 12	14 ^h 40	5 ^h 7	19 ^h 51	S 10
S 11	23 18 59	17 ^h 55'22"	7 ^h 56'	1 ^h 8	9 ^h 7	29 ^h 13	0 ^h 42	23 ^h 49	19 ^h 3	9 ^h 10	13 ^h 34	16 ^h 13	14 ^h 37	5 ^h 14	19 ^h 59	S 11
M12	23 22 55	18 ^h 53'52"	20 ^h 37'	1 ^h 38	10 ^h 21	29 ^h 51	0 ^h 35	23 ^h 45	19 ^h 5	9 ^h 8	13 ^h 35	16 ^h 15	14 ^h 33	5 ^h 21	20 ^h 7	M12
T 13	23 26 52	19 ^h 52'23"	3 ^h 2	2 ^h 16	11 ^h 35	0 ^h 11'29	0 ^h 28	23 ^h 40	19 ^h 7	9 ^h 7	13 ^h 37	16 ^h 16	14 ^h 30	5 ^h 27	20 ^h 15	T 13
W14	23 30 48	20 ^h 50'56"	15 ^h 15'	3 ^h 3	12 ^h 49	1 ^h 7	0 ^h 21	23 ^h 36	19 ^h 10	9 ^h 5	13 ^h 38	16 ^h R17	14 ^h 27	5 ^h 34	20 ^h 23	W14
T 15	23 34 45	21 ^h 49'31"	27 ^h 18'	3 ^h 58	14 ^h 3	1 ^h 45	0 ^h 14	23 ^h 31	19 ^h 12	9 ^h 4	13 ^h 40	16 ^h 16	14 ^h 24	5 ^h 41	20 ^h 31	T 15
F 16	23 38 42	22 ^h 48'08"	9 ^h 16'	5 ^h 0	15 ^h 17	2 ^h 23	0 ^h 7	23 ^h 26	19 ^h 14	9 ^h 2	13 ^h 41	16 ^h 14	14 ^h 21	5 ^h 47	20 ^h 39	F 16
S 17	23 42 38	23 ^h 46'46"	21 ^h 9	6 ^h 9	16 ^h 30	3 ^h 0	0 ^h 1	23 ^h 22	19 ^h 16	9 ^h 1	13 ^h 43	16 ^h 10	14 ^h 18	5 ^h 54	20 ^h 47	S 17
S 18	23 46 35	24 ^h 45'27"	3 ^h Y 0	7 ^h 25	17 ^h 44	3 ^h 38	29 ^h 54	23 ^h 17	19 ^h 18	8 ^h 59	13 ^h 44	16 ^h 4	14 ^h 14	6 ^h 1	20 ^h 55	S 18
M19	23 50 31	25 ^h 44'09"	14 ^h 51	8 ^h 46	18 ^h 58	4 ^h 16	29 ^h 48	23 ^h 12	19 ^h 20	8 ^h 57	13 ^h 46	15 ^h 57	14 ^h 11	6 ^h 7	21 ^h 3	M19
T 20	23 54 28	26 ^h 42'54"	26 ^h 43	10 ^h 12	20 ^h 12	4 ^h 54	29 ^h 41	23 ^h 8	19 ^h 22	8 ^h 56	13 ^h 47	15 ^h 49	14 ^h 8	6 ^h 14	21 ^h 12	T 20
W21	23 58 24	27 ^h 41'40"	8 ^h 38'	11 ^h 42	21 ^h 26	5 ^h 32	29 ^h 35	23 ^h 3	19 ^h 23	8 ^h 54	13 ^h 49	15 ^h 42	14 ^h 5	6 ^h 21	21 ^h 20	W21
T 22	0 2 21	28 ^h 40'29"	20 ^h 40	13 ^h 16	22 ^h 40	6 ^h 10	29 ^h 29	22 ^h 59	19 ^h 25	8 ^h 52	13 ^h 50	15 ^h 35	14 ^h 2	6 ^h 27	21 ^h 28	T 22
F 23	0 6 17	29 ^h 39'20"	21 ^h 50	14 ^h 54	23 ^h 53	6 ^h 48	29 ^h 23	22 ^h 54	19 ^h 27	8 ^h 51	13 ^h 51	15 ^h 30	13 ^h 59	6 ^h 34	21 ^h 36	F 23
S 24	0 10 14	0 ^h 38'14"	15 ^h 13	16 ^h 34	25 ^h 7	7 ^h 26	29 ^h 18	22 ^h 49	19 ^h 29	8 ^h 49	13 ^h 53	15 ^h 26	13 ^h 55	6 ^h 41	21 ^h 45	S 24
S 25	0 14 11	1 ^h 37'09"	27 ^h 52	18 ^h 16	26 ^h 21	8 ^h 4	29 ^h 12	22 ^h 45	19 ^h 30	8 ^h 48	13 ^h 54	15 ^h D25	13 ^h 52	6 ^h 48	21 ^h 53	S 25
M26	0 18 7	2 ^h 36'08"	10 ^h 50	19 ^h 59	27 ^h 35	8 ^h 42	29 ^h 7	22 ^h 40	19 ^h 32	8 ^h 46	13 ^h 55	15 ^h 25	13 ^h 49	6 ^h 54	22 ^h 1	M26
T 27	0 22 4	3 ^h 35'08"	24 ^h 13	21 ^h 44	28 ^h 49	9 ^h 20	29 ^h 2	22 ^h 36	19 ^h 34	8 ^h 44	13 ^h 57	15 ^h 26	13 ^h 46	7 ^h 1	22 ^h 10	T 27
W28	0 26 0	4 ^h 34'11"	8 ^h 01	23 ^h 30	0 ^h M 2	9 ^h 58	28 ^h 56	22 ^h 31	19 ^h 35	8 ^h 43	13 ^h 58	15 ^h 27	13 ^h 43	7 ^h 8	22 ^h 18	W28
T 29	0 29 57	5 ^h 33'16"	22 ^h 18	25 ^h 17	1 ^h 16	10 ^h 35	28 ^h 52	22 ^h 27	19 ^h 37	8 ^h 41	13 ^h 59	15 ^h R27	13 ^h 39	7 ^h 14	22 ^h 27	T 29
F 30	0 33 53	6 ^h 32'23"	6 ^h 11'59	27 ^h 11'4	2 ^h M 30	11 ^h 11'3	28 ^h 47	22 ^h 22	19 ^h 38	8 ^h Y39	14 ^h 0 0	15 ^h 02'6	13 ^h 03'6	7 ^h Y21	22 ^h 35	F 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
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ASTRODIENST EPHEMERIS for the year 1701
geocentric

OCTOBER 1701

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 37 50	7♌31'32	22♏ 2	28♏51	3♏44	11♏51	28°R42	22°R18	19♏39	8°R38	14♏ 2	15°R21	13♏33	7♏28	22♌44	S 1
S 2	0 41 46	8°30'44	7♌18	0♌38	4°57	12°29	28♌38	22♏13	19°41	8♏36	14° 3	15♏15	13°30	7°34	22°52	S 2
M 3	0 45 43	9°29'57	22°36	2°25	6°11	13° 7	28°34	22° 9	19°42	8°34	14° 4	15° 7	13°27	7°41	23° 1	M 3
T 4	0 49 40	10°29'13	7♏45	4°12	7°25	13°45	28°29	22° 5	19°43	8°32	14° 5	14°59	13°24	7°48	23° 9	T 4
W 5	0 53 36	11°28'31	22°35	5°59	8°39	14°23	28°26	22° 1	19°44	8°31	14° 6	14°51	13°20	7°54	23°18	W 5
T 6	0 57 33	12°27'50	7♏ 0	7°45	9°52	15° 0	28°22	21°56	19°46	8°29	14° 7	14°44	13°17	8° 1	23°27	T 6
F 7	1 1 29	13°27'12	20°55	9°30	11° 6	15°38	28°18	21°52	19°47	8°27	14° 9	14°39	13°14	8° 8	23°35	F 7
S 8	1 5 26	14°26'35	4♏22	11°15	12°20	16°16	28°15	21°48	19°48	8°26	14°10	14°37	13°11	8°15	23°44	S 8
S 9	1 9 22	15°25'59	17°21	12°59	13°33	16°54	28°12	21°44	19°49	8°24	14°11	14°D37	13° 8	8°21	23°52	S 9
M10	1 13 19	16°25'26	29°58	14°43	14°47	17°32	28° 9	21°40	19°49	8°23	14°12	14°37	13° 4	8°28	24° 1	M10
T 11	1 17 15	17°24'54	12♌16	16°26	16° 1	18° 9	28° 6	21°36	19°50	8°21	14°13	14°R38	13° 1	8°35	24°10	T 11
W12	1 21 12	18°24'25	24°22	18° 8	17°14	18°47	28° 4	21°32	19°51	8°19	14°14	14°37	12°58	8°41	24°18	W12
T 13	1 25 9	19°23'56	6♏18	19°50	18°28	19°25	28° 1	21°28	19°52	8°18	14°15	14°35	12°55	8°48	24°27	T 13
F 14	1 29 5	20°23'30	18°10	21°31	19°41	20° 3	27°59	21°25	19°53	8°16	14°15	14°30	12°52	8°55	24°36	F 14
S 15	1 33 2	21°23'06	29°59	23°11	20°55	20°40	27°57	21°21	19°53	8°14	14°16	14°22	12°49	9° 1	24°44	S 15
S 16	1 36 58	22°22'43	11♏51	24°51	22° 8	21°18	27°56	21°17	19°54	8°13	14°17	14°12	12°45	9° 8	24°53	S 16
M17	1 40 55	23°22'23	23°44	26°30	23°22	21°56	27°54	21°14	19°54	8°11	14°18	13°59	12°42	9°15	25° 2	M17
T 18	1 44 51	24°22'04	5♏41	28° 9	24°36	22°34	27°53	21°10	19°55	8°10	14°19	13°46	12°39	9°22	25°10	T 18
W19	1 48 48	25°21'48	17°44	29°47	25°49	23°11	27°51	21° 7	19°55	8° 8	14°20	13°33	12°36	9°28	25°19	W19
T 20	1 52 44	26°21'34	29°54	1♏24	27° 2	23°49	27°51	21° 3	19°56	8° 6	14°20	13°21	12°33	9°35	25°28	T 20
F 21	1 56 41	27°21'21	12♏11	3° 1	28°16	24°27	27°50	21° 0	19°56	8° 5	14°21	13°11	12°30	9°42	25°36	F 21
S 22	2 0 37	28°21'12	24°39	4°37	29°29	25° 5	27°49	20°57	19°56	8° 3	14°22	13° 4	12°26	9°48	25°45	S 22
S 23	2 4 34	29°21'04	7♏20	6°13	0♏43	25°42	27°49	20°54	19°56	8° 2	14°23	13° 0	12°23	9°55	25°54	S 23
M24	2 8 31	0♏20'58	20°16	7°48	1°56	26°20	27°D49	20°51	19°57	8° 0	14°23	12°58	12°20	10° 2	26° 3	M24
T 25	2 12 27	1°20'55	3♏32	9°22	3°10	26°58	27°49	20°48	19°57	7°59	14°24	12°D57	12°17	10° 8	26°11	T 25
W26	2 16 24	2°20'54	17°10	10°57	4°23	27°35	27°49	20°45	19°R57	7°57	14°24	12°R57	12°14	10°15	26°20	W26
T 27	2 20 20	3°20'55	1♏12	12°30	5°36	28°13	27°50	20°42	19°57	7°56	14°25	12°57	12°10	10°22	26°28	T 27
F 28	2 24 17	4°20'58	15°39	14° 4	6°50	28°51	27°50	20°39	19°57	7°54	14°26	12°54	12° 7	10°29	26°37	F 28
S 29	2 28 13	5°21'04	0♏28	15°36	8° 3	29°28	27°51	20°37	19°56	7°53	14°26	12°48	12° 4	10°35	26°46	S 29
S 30	2 32 10	6°21'11	15°33	17° 9	9°16	0♏ 6	27°52	20°34	19°56	7°51	14°27	12°39	12° 1	10°42	26°54	S 30
M31	2 36 6	7♏21'20	0♏45	18♏41	10♏30	0♏44	27°54	20♏32	19♏56	7♏50	14♏27	12♏28	11♏58	10♏49	27♏ 3	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	decl	lat
S 1	2s59	5n58	3n 4	2n 7	1n48	12s42	0n 5	8n15	1n13	13s12	1s21	5s20	2s28	22n28	0n26	1n57	1s37	24n 1	7n43	16n15	16n47	0s51	9s 6	0s16			
S 2	3 23	0 48	4 2	1 22	1 46	13 10	0 2	8 0	1 13	13 14	1 21	5 22	2 28	22 27	0 26	1 56	1 37	24 1	7 43	16 17	16 48	0 49	9 9	0 16			
M 3	3 46	4s26	4 43	0 36	1 42	13 37	0s 1	7 46	1 13	13 15	1 21	5 23	2 28	22 27	0 26	1 55	1 37	24 1	7 43	16 20	16 49	0 47	9 12	0 16			
T 4	4 9	9 20	5 3	0s10	1 39	14 4	0 3	7 31	1 13	13 16	1 20	5 25	2 28	22 27	0 26	1 55	1 37	24 0	7 44	16 22	16 50	0 45	9 15	0 15			
W 5	4 33	13 34	5 3	0 56	1 35	14 30	0 6	7 17	1 13	13 18	1 20	5 27	2 28	22 27	0 26	1 54	1 37	24 0	7 44	16 24	16 51	0 43	9 18	0 15			
T 6	4 56	16 52	4 43	1 42	1 30	14 56	0 9	7 2	1 13	13 19	1 20	5 28	2 28	22 27	0 26	1 53	1 37	24 0	7 44	16 26	16 51	0 41	9 21	0 15			
F 7	5 19	19 4	4 7	2 28	1 25	15 22	0 12	6 47	1 13	13 20	1 20	5 30	2 28	22 27	0 26	1 53	1 37	24 0	7 44	16 28	16 52	0 38	9 24	0 14			
S 8	5 42	20 6	3 18	3 14	1 20	15 48	0 15	6 33	1 13	13 21	1 20	5 31	2 28	22 27	0 26	1 52	1 37	24 0	7 45	16 28	16 53	0 36	9 27	0 14			
S 9	6 5	20 2	2 20	3 59	1 15	16 13	0 18	6 18	1 13	13 22	1 20	5 33	2 28	22 26	0 26	1 51	1 37	24 0	7 45	16 29	16 54	0 34	9 29	0 14			
M10	6 28	18 55	1 18	4 45	1 9	16 38	0 21	6 3	1 13	13 23	1 20	5 34	2 28	22 26	0 26	1 51	1 37	24 0	7 45	16 28	16 55	0 32	9 32	0 13			
T 11	6 51	16 57	0 13	5 30	1 3	17 2	0 23	5 49	1 13	13 24	1 19	5 36	2 28	22 26	0 26	1 50	1 37	24 0	7 45	16 28	16 56	0 30	9 35	0 13			
W12	7 14	14 14	0s52	6 14	0 57	17 26	0 26	5 34	1 13	13 24	1 19	5 37	2 28	22 26	0 26	1 49	1 37	24 0	7 46	16 28	16 57	0 28	9 38	0 13			
T 13	7 36	10 58	1 53	6 59	0 51	17 49	0 29	5 19	1 13	13 25	1 19	5 39	2 28	22 26	0 26	1 49	1 37	24 0	7 46	16 29	16 58	0 25	9 41	0 12			
F 14	7 59	7 16	2 49	7 43	0 45	18 12	0 32	5 4	1 13	13 26	1 19	5 40	2 28	22 26	0 26	1 48	1 37	24 0	7 46	16 30	16 59	0 23	9 44	0 12			
S 15	8 21	3 19	3 37	8 26	0 38	18 35	0 35	4 49	1 13	13 26	1 19	5 42	2 27	22 26	0 26	1 47	1 37	24 0	7 46	16 33	17 0	0 21	9 47	0 12			
S 16	8 43	0n46	4 15	9 9	0 32	18 57	0 38	4 34	1 13	13 27	1 19	5 43	2 27	22 26	0 26	1 47	1 37	24 0	7 47	16 36	17 0	0 19	9 50	0 12			
M17	9 6	4 51	4 43	9 51	0 25	19 18	0 41	4 19	1 13	13 27	1 19	5 44	2 27	22 26	0 26	1 46	1 37	24 0	7 47	16 39	17 1	0 17	9 53	0 11			
T 18	9 28	8 45	4 58	10 33	0 19	19 39	0 44	4 4	1 13	13 27	1 18	5 45	2 27	22 26	0 26	1 46	1 37	24 0	7 47	16 43	17 2	0 15	9 56	0 11			
W19	9 50	12 20	5 0	11 14	0 12	20 0	0 47	3 49	1 13	13 28	1 18	5 47	2 27	22 26	0 26	1 45	1 37	24 0	7 48	16 47	17 3	0 12	9 59	0 11			
T 20	10 11	15 27	4 49	11 54	0 5	20 20	0 49	3 34	1 13	13 28	1 18	5 48	2 27	22 26	0 26	1 44	1 37	24 0	7 48	16 50	17 4	0 10	10 1	0 10			
F 21	10 33	17 56	4 24	12 34	0s 2	20 39	0 52	3 19	1 13	13 28	1 18	5 49	2 27	22 26	0 26	1 44	1 37	24 0	7 48	16 53	17 5	0 8	10 4	0 10			
S 22	10 54	19 36	3 46	13 13	0 8	20 58	0 55	3 4	1 13	13 28	1 18	5 50	2 27	22 26	0 26	1 43	1 37	24 0	7 48	16 55	17 6	0 6	10 7	0 10			
S 23	11 16	20 20	2 57	13 51	0 15	21 16	0 58	2 49	1 13	13 28	1 18	5 51	2 26	22 26	0 26	1 43	1 37	24 0	7 49	16 56	17 7	0 4	10 10	0 9			
M24	11 37	20 1	1 57	14 29	0 22	21 34	1 1	2 34	1 13	13 28	1 17	5 52	2 26	22 26	0 27	1 42	1 37	24 0	7 49	16 57	17 8	0 1	10 13	0 9			
T 25	11 58	18 35	0 50	15 5	0 29	21 51	1 3	2 19	1 13	13 27	1 17	5 54	2 26	22 26	0 27	1 41	1 37	24 0	7 49	16 57	17 9	0n 1	10 16	0 9			
W26	12 18	16 4	0n22	15 41	0 35	22 8	1 6	2 4	1 13	13 27	1 17	5 55	2 26	22 26	0 27	1 41	1 37	24 0	7 50	16 57	17 9	0 3	10 19	0 9			
T 27	12 39	12 33	1 35	16 17	0 42	22 24	1 9	1 49	1 13	13 27	1 17	5 55	2 26	22 26	0 27	1 40	1 37	24 0	7 50	16 57	17 10	0 5	10 22	0 8			
F 28	12 59	8 11	2 44	16 51	0 48	22 39	1 11	1 34	1 13	13 26	1 17	5 56	2 26	22 26	0 27	1 40	1 37	24 1	7 50	16 58	17 11	0 7	10 24	0 8			
S 29	13 20	3 13	3 43	17 25	0 55	22 54	1 14	1 19	1 13	13 26	1 16	5 57	2 26	22 26	0 27	1 39	1 37	24 1	7 50	17 0	17 12	0 9	10 27	0 8			
S 30	13 40	2s 1	4 28	17 57	1 1	23 8	1 17	1 4	1 13	13 25	1 16	5 58	2 25	22 26	0 27	1 39	1 36	24 1	7 51	17 2	17 13	0 12	10 30	0 7			
M31	13s59	7s 9	4n54	18s29	1s 7	23s22	1s19	0n49	1n13	13s25	1s16	5s59	2s25	22n26	0n27	1n38	1s36	24n 1	7n51	17n 5	17n14	0n14	10s33	0s 7			

ASTRODIENST EPHEMERIS for the year 1701

geocentric

NOVEMBER 1701

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 3	8♍21'32	15♍53	20♍12	11♍43	1♍21	27♍55	20°R29	19°R56	7°R49	14♌28	12°R17	11♌55	10°Y55	27♌12	T 1
W 2	2 44 0	9°21'45	0♍47	21°44	12°56	1°59	27°57	20♌27	19♌55	7°Y47	14°28	12♌5	11°51	11°2	27°20	W 2
T 3	2 47 56	10°22'00	15°19	23°14	14°10	2°37	27°59	20°25	19°55	7°46	14°28	11°55	11°48	11°9	27°29	T 3
F 4	2 51 53	11°22'16	29°22	24°45	15°23	3°14	28°1	20°23	19°55	7°45	14°29	11°48	11°45	11°15	27°37	F 4
S 5	2 55 49	12°22'34	12♌55	26°15	16°36	3°52	28°3	20°21	19°54	7°43	14°29	11°44	11°42	11°22	27°46	S 5
S 6	2 59 46	13°22'54	26°0	27°44	17°49	4°29	28°6	20°19	19°54	7°42	14°29	11°42	11°39	11°29	27°54	S 6
M 7	3 3 42	14°23'15	8♌40	29°13	19°2	5°7	28°8	20°17	19°53	7°41	14°30	11°41	11°36	11°36	28°3	M 7
T 8	3 7 39	15°23'37	20°59	0♍42	20°15	5°45	28°11	20°16	19°52	7°39	14°30	11°41	11°32	11°42	28°11	T 8
W 9	3 11 35	16°24'01	3♌4	2°10	21°28	6°22	28°14	20°14	19°52	7°38	14°30	11°40	11°29	11°49	28°20	W 9
T 10	3 15 32	17°24'26	14°58	3°38	22°41	7°0	28°17	20°13	19°51	7°37	14°30	11°38	11°26	11°56	28°28	T 10
F 11	3 19 29	18°24'52	26°48	5°5	23°54	7°37	28°21	20°11	19°50	7°36	14°30	11°32	11°23	12°2	28°36	F 11
S 12	3 23 25	19°25'20	8°Y38	6°32	25°7	8°15	28°25	20°10	19°49	7°35	14°30	11°24	11°20	12°9	28°45	S 12
S 13	3 27 22	20°25'49	20°31	7°58	26°20	8°52	28°29	20°9	19°48	7°34	14°31	11°13	11°16	12°16	28°53	S 13
M14	3 31 18	21°26'20	2♌29	9°23	27°33	9°30	28°33	20°8	19°47	7°32	14°31	11°0	11°13	12°23	29°1	M14
T 15	3 35 15	22°26'52	14°34	10°48	28°46	10°7	28°37	20°7	19°46	7°31	14°31	10°46	11°10	12°29	29°10	T 15
W16	3 39 11	23°27'26	26°48	12°11	29°59	10°45	28°41	20°6	19°45	7°30	14°R31	10°32	11°7	12°36	29°18	W16
T 17	3 43 8	24°28'01	9♌10	13°34	1♌12	11°22	28°46	20°5	19°44	7°29	14°31	10°19	11°4	12°43	29°26	T 17
F 18	3 47 4	25°28'38	21°42	14°56	2°25	12°0	28°51	20°5	19°43	7°28	14°31	10°8	11°1	12°49	29°34	F 18
S 19	3 51 1	26°29'16	4♌24	16°17	3°37	12°37	28°56	20°4	19°42	7°27	14°31	10°1	10°57	12°56	29°42	S 19
S 20	3 54 58	27°29'56	17°17	17°36	4°50	13°15	29°1	20°4	19°40	7°26	14°30	9°56	10°54	13°3	29°50	S 20
M21	3 58 54	28°30'38	0♌22	18°54	6°3	13°52	29°6	20°3	19°39	7°25	14°30	9°54	10°51	13°9	29°58	M21
T 22	4 2 51	29°31'21	13°41	20°10	7°15	14°30	29°12	20°3	19°38	7°25	14°30	9°D54	10°48	13°16	0♍6	T 22
W23	4 6 47	0♍32'06	27°16	21°24	8°28	15°7	29°17	20°3	19°36	7°24	14°30	9°R54	10°45	13°23	0°14	W23
T 24	4 10 44	1°32'52	11♌9	22°36	9°40	15°45	29°23	20°D 3	19°35	7°23	14°30	9°54	10°41	13°30	0°22	T 24
F 25	4 14 40	2°33'40	25°20	23°46	10°53	16°22	29°29	20°3	19°33	7°22	14°30	9°51	10°38	13°36	0°30	F 25
S 26	4 18 37	3°34'29	9♌48	24°52	12°5	16°59	29°35	20°3	19°32	7°21	14°29	9°47	10°35	13°43	0°38	S 26
S 27	4 22 33	4°35'20	24°30	25°55	13°18	17°37	29°42	20°4	19°30	7°21	14°29	9°40	10°32	13°50	0°46	S 27
M28	4 26 30	5°36'12	9♌20	26°55	14°30	18°14	29°48	20°4	19°29	7°20	14°29	9°31	10°29	13°56	0°53	M28
T 29	4 30 27	6°37'06	24°9	27°50	15°42	18°52	29°55	20°4	19°27	7°19	14°28	9°20	10°26	14°3	1°1	T 29
W30	4 34 23	7♌38'01	8♌50	28♌39	16♌55	19♌29	0♌2	20♌5	19♌25	7°Y19	14♌28	9♌10	10♌22	14°Y10	1♌9	W30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14s19	11s50	5n 0	19s 0	1s14	23s35	1s22	0n34	1n13	13s24	1s16	6s 0	2s25	22n26	0n27	1n38
W 2	14 38	15 42	4 45	19 30	1 20	23 47	1 24	0 19	1 12	13 23	1 16	6 1	2 25	22 26	0 27	1 37
T 3	14 57	18 30	4 11	19 59	1 25	23 58	1 27	0 4	1 12	13 23	1 16	6 1	2 25	22 26	0 27	1 37
F 4	15 16	20 5	3 24	20 27	1 31	24 9	1 29	0s11	1 12	13 22	1 15	6 2	2 25	22 26	0 27	1 36
S 5	15 34	20 26	2 26	20 55	1 37	24 19	1 31	0 26	1 12	13 21	1 15	6 2	2 24	22 27	0 27	1 36
S 6	15 53	19 38	1 22	21 21	1 42	24 28	1 34	0 41	1 12	13 20	1 15	6 3	2 24	22 27	0 27	1 35
M 7	16 11	17 52	0 16	21 46	1 47	24 37	1 36	0 56	1 12	13 19	1 15	6 4	2 24	22 27	0 27	1 35
T 8	16 29	15 18	0s49	22 10	1 52	24 45	1 38	1 11	1 12	13 17	1 15	6 4	2 24	22 27	0 27	1 34
W 9	16 46	12 7	1 51	22 32	1 57	24 52	1 40	1 26	1 12	13 16	1 14	6 5	2 24	22 27	0 27	1 34
T 10	17 3	8 29	2 46	22 54	2 2	24 59	1 43	1 41	1 12	13 15	1 14	6 5	2 24	22 27	0 27	1 33
F 11	17 20	4 33	3 34	23 15	2 6	25 5	1 45	1 56	1 12	13 13	1 14	6 5	2 23	22 27	0 27	1 33
S 12	17 37	0 27	4 13	23 34	2 10	25 10	1 47	2 11	1 12	13 12	1 14	6 6	2 23	22 27	0 27	1 32
S 13	17 53	3n41	4 41	23 52	2 14	25 14	1 48	2 25	1 12	13 10	1 14	6 6	2 23	22 28	0 27	1 32
M14	18 9	7 42	4 57	24 9	2 17	25 18	1 50	2 40	1 12	13 9	1 14	6 6	2 23	22 28	0 27	1 32
T 15	18 25	11 28	4 59	24 25	2 20	25 20	1 52	2 55	1 11	13 7	1 13	6 6	2 23	22 28	0 27	1 31
W16	18 40	14 48	4 48	24 39	2 23	25 22	1 54	3 10	1 11	13 5	1 13	6 7	2 22	22 28	0 27	1 31
T 17	18 55	17 31	4 23	24 52	2 25	25 24	1 56	3 25	1 11	13 4	1 13	6 7	2 22	22 28	0 27	1 30
F 18	19 10	19 38	3 46	25 3	2 27	25 24	1 57	3 39	1 11	13 2	1 13	6 7	2 22	22 29	0 27	1 30
S 19	19 24	20 28	2 56	25 14	2 28	25 24	1 59	3 54	1 11	13 0	1 13	6 7	2 22	22 29	0 27	1 30
S 20	19 38	20 26	1 57	25 22	2 29	25 23	2 0	4 9	1 11	12 58	1 12	6 7	2 22	22 29	0 27	1 29
M21	19 52	19 17	0 50	25 30	2 30	25 22	2 2	4 24	1 11	12 56	1 12	6 7	2 21	22 29	0 27	1 29
T 22	20 5	17 4	0n20	25 36	2 30	25 19	2 3	4 38	1 11	12 54	1 12	6 7	2 21	22 29	0 27	1 29
W23	20 18	13 52	1 31	25 40	2 29	25 16	2 4	4 53	1 11	12 52	1 12	6 6	2 21	22 30	0 27	1 28
T 24	20 30	9 50	2 38	25 43	2 27	25 12	2 5	5 7	1 10	12 49	1 12	6 6	2 21	22 30	0 27	1 28
F 25	20 42	5 10	3 37	25 45	2 25	25 8	2 6	5 22	1 10	12 47	1 12	6 6	2 21	22 30	0 28	1 28
S 26	20 54	0 9	4 23	25 45	2 22	25 2	2 7	5 36	1 10	12 45	1 11	6 6	2 20	22 30	0 28	1 28
S 27	21 5	4s58	4 53	25 43	2 18	24 56	2 8	5 51	1 10	12 42	1 11	6 5	2 20	22 31	0 28	1 27
M28	21 16	9 50	5 3	25 40	2 14	24 49	2 9	5 6	1 10	12 40	1 11	6 5	2 20	22 31	0 28	1 27
T 29	21 27	14 6	4 53	25 36	2 8	24 42	2 10	6 19	1 10	12 37	1 11	6 5	2 20	22 31	0 28	1 27
W30	21s37	17s28	4n24	25s30	2s 1	24s33	2s10	6s34	1n10	12s35	1s11	6s 4	2s20	22n31	0n28	1n27

Julian Day Number = 2342641.5, Delta T = 13.67 sec

Ecliptic obliquity = 23°28'35", Nutation = - 0°00'15", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 20°34'41", Lahiri = 19°41'41"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1701
geocentric

DECEMBER 1701

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	4 38 20	8♌38'57	23♊13	29♌24	18♋7	20♎6	0♏9	20♏6	19♒23	7♒18	14♒27	9♒1	10♑19	14♑17	1♌16	T 1
F 2	4 42 16	9°39'54	7♋14	0♋1	19°19	20°44	0°16	20°7	19♑22	7♑17	14♑27	8♑55	10°16	14°23	1°24	F 2
S 3	4 46 13	10°40'52	20°49	0°32	20°31	21°21	0°24	20°8	19°20	7°17	14°27	8°51	10°13	14°30	1°31	S 3
S 4	4 50 9	11°41'50	3♌57	0°54	21°43	21°58	0°31	20°9	19°18	7°16	14°26	8°D49	10°10	14°37	1°39	S 4
M 5	4 54 6	12°42'50	16°41	1°7	22°55	22°35	0°39	20°10	19°16	7°16	14°26	8°49	10°7	14°43	1°46	M 5
T 6	4 58 2	13°43'50	29°5	1°R11	24°7	23°13	0°47	20°11	19°14	7°15	14°25	8°50	10°3	14°50	1°53	T 6
W 7	5 1 59	14°44'50	11♏12	1°4	25°19	23°50	0°55	20°13	19°12	7°15	14°24	8°R51	10°0	14°57	2°1	W 7
T 8	5 5 56	15°45'51	23°9	0°45	26°31	24°27	1°3	20°14	19°10	7°15	14°24	8°51	9°57	15°4	2°8	T 8
F 9	5 9 52	16°46'53	5♑0	0°16	27°42	25°4	1°11	20°16	19°8	7°14	14°23	8°49	9°54	15°10	2°15	F 9
S 10	5 13 49	17°47'55	16°51	29♌35	28°54	25°42	1°19	20°17	19°6	7°14	14°23	8°44	9°51	15°17	2°22	S 10
S 11	5 17 45	18°48'57	28°46	28°42	0♌5	26°19	1°28	20°19	19°4	7°14	14°22	8°38	9°47	15°24	2°29	S 11
M12	5 21 42	19°50'00	10♋48	27°40	1°17	26°56	1°37	20°21	19°2	7°13	14°21	8°30	9°44	15°30	2°36	M12
T 13	5 25 38	20°51'04	23°1	26°29	2°28	27°33	1°46	20°23	18°59	7°13	14°20	8°21	9°41	15°37	2°43	T 13
W14	5 29 35	21°52'08	5♌25	25°11	3°39	28°10	1°55	20°25	18°57	7°13	14°20	8°11	9°38	15°44	2°49	W14
T 15	5 33 31	22°53'13	18°3	23°50	4°51	28°47	2°4	20°28	18°55	7°13	14°19	8°3	9°35	15°50	2°56	T 15
F 16	5 37 28	23°54'18	0♋53	22°27	6°2	29°24	2°13	20°30	18°53	7°13	14°18	7°56	9°32	15°57	3°3	F 16
S 17	5 41 25	24°55'24	13°56	21°5	7°13	0♌1	2°22	20°32	18°50	7°13	14°17	7°51	9°28	16°4	3°9	S 17
S 18	5 45 21	25°56'31	27°11	19°48	8°23	0°39	2°32	20°35	18°48	7°13	14°16	7°49	9°25	16°11	3°16	S 18
M19	5 49 18	26°57'38	10♑36	18°37	9°34	1°16	2°41	20°37	18°46	7°D13	14°16	7°D48	9°22	16°17	3°22	M19
T 20	5 53 14	27°58'45	24°12	17°35	10°45	1°53	2°51	20°40	18°43	7°13	14°15	7°49	9°19	16°24	3°29	T 20
W21	5 57 11	28°59'54	7♏58	16°42	11°55	2°30	3°1	20°43	18°41	7°13	14°14	7°51	9°16	16°31	3°35	W21
T 22	6 1 7	0♋1'02	21°54	15°59	13°6	3°7	3°11	20°46	18°39	7°13	14°13	7°52	9°13	16°37	3°41	T 22
F 23	6 5 4	1°2'12	6♌0	15°27	14°16	3°44	3°21	20°49	18°36	7°13	14°12	7°R52	9°9	16°44	3°47	F 23
S 24	6 9 0	2°3'22	20°13	15°6	15°26	4°21	3°32	20°52	18°34	7°13	14°11	7°51	9°6	16°51	3°53	S 24
S 25	6 12 57	3°4'32	4♌32	14°55	16°36	4°57	3°42	20°55	18°31	7°13	14°10	7°48	9°3	16°58	3°59	S 25
M26	6 16 54	4°5'43	18°54	14°D53	17°46	5°34	3°52	20°59	18°29	7°14	14°9	7°43	9°0	17°4	4°5	M26
T 27	6 20 50	5°6'55	3♌14	15°1	18°56	6°11	4°3	21°2	18°26	7°14	14°8	7°38	8°57	17°11	4°11	T 27
W28	6 24 47	6°8'06	17°27	15°17	20°6	6°48	4°14	21°5	18°24	7°14	14°7	7°33	8°53	17°18	4°17	W28
T 29	6 28 43	7°9'18	1♋28	15°41	21°16	7°25	4°25	21°9	18°21	7°14	14°6	7°28	8°50	17°24	4°22	T 29
F 30	6 32 40	8°10'30	15°12	16°11	22°25	8°2	4°36	21°13	18°19	7°15	14°5	7°25	8°47	17°31	4°28	F 30
S 31	6 36 36	9♋11'42	28♋36	16♌48	23♌34	8♌39	4♏47	21♏17	18♑16	7♑15	14♑4	7♑23	8♑44	17♑38	4♌33	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	decl	lat	decl	lat	decl	lat
T 1	21s47	19s40	3n38	25s22	1s54	24s25	2s11	6s48	1n9	12s32	1s11	6s4	2s19	22n32	0n28	1n26	1s35	24n10	8n0	18n2	17n41	1n22	11s54	0n2											
F 2	21 56	20 37	2 40	25 13	1 45	24 15	2 11	7 2	1 9	12 29	1 10	6 3	2 19	22 32	0 28	1 26	1 35	24 10	8 0	18 3	17 42	1 25	11 56	0 3											
S 3	22 5	20 18	1 35	25 3	1 34	24 4	2 12	7 16	1 9	12 27	1 10	6 3	2 19	22 32	0 28	1 26	1 35	24 10	8 1	18 4	17 43	1 27	11 59	0 3											
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S 31	23s 9	19s41	0n48	20s24	2n26	15s14	1s39	13s25	1n3	10s48	1s6	5s30	2s13	22n42	0n28	1n27	1s34	24n24	8n8	18n27	18n6	2n29	12s52	0n12											