



Astrodienst Ephemeris Tables for the year 1742

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 1742
geocentric

JANUARY 1742

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 41 47	10°30'25	3♉ 7	18°46	26°32	12°10	11°R44	21°R24	18°24	8°R23	13°M23	16°II 5	15°II 1	25°Δ34	1°R18	M 1
T 2	6 45 43	11°31'36	15° 1	20° 1	27°38	12°56	11°Ω38	21°Ω21	18°27	8°Ω22	13°24	16° 7	14°58	25°40	1°Ω14	T 2
W 3	6 49 40	12°32'47	27° 2	21°18	28°45	13°42	11°32	21°17	18°31	8°20	13°26	16° 8	14°55	25°47	1°10	W 3
T 4	6 53 36	13°33'58	9°16	22°37	29°51	14°29	11°25	21°14	18°34	8°18	13°27	16°10	14°52	25°54	1° 6	T 4
F 5	6 57 33	14°35'09	21°44	23°56	0°57	15°15	11°19	21°11	18°38	8°17	13°29	16°R10	14°48	26° 1	1° 2	F 5
S 6	7 1 29	15°36'20	4°29	25°17	2° 3	16° 1	11°13	21° 7	18°42	8°15	13°30	16° 8	14°45	26° 7	0°58	S 6
S 7	7 5 26	16°37'31	17°32	26°39	3° 9	16°48	11° 6	21° 4	18°45	8°13	13°32	16° 5	14°42	26°14	0°54	S 7
M 8	7 9 22	17°38'41	0°51	28° 2	4°14	17°34	10°59	21° 0	18°49	8°12	13°33	16° 1	14°39	26°21	0°50	M 8
T 9	7 13 19	18°39'51	14°25	29°26	5°19	18°21	10°52	20°57	18°52	8°10	13°34	15°56	14°36	26°27	0°46	T 9
W10	7 17 16	19°41'00	28°13	0°51	6°24	19° 7	10°45	20°53	18°56	8° 8	13°36	15°50	14°33	26°34	0°42	W10
T11	7 21 12	20°42'09	12°9	2°17	7°28	19°54	10°38	20°49	18°59	8° 7	13°37	15°45	14°29	26°41	0°39	T11
F12	7 25 9	21°43'17	26°12	3°43	8°32	20°41	10°31	20°45	19° 3	8° 5	13°38	15°41	14°26	26°47	0°35	F12
S13	7 29 5	22°44'24	10°19	5°10	9°36	21°27	10°24	20°41	19° 6	8° 3	13°39	15°38	14°23	26°54	0°31	S13
S14	7 33 2	23°45'30	24°28	6°38	10°40	22°14	10°16	20°37	19°10	8° 2	13°40	15°D38	14°20	27° 1	0°28	S14
M15	7 36 58	24°46'36	8°36	8° 6	11°43	23° 1	10° 9	20°33	19°14	8° 0	13°42	15°38	14°17	27° 7	0°24	M15
T16	7 40 55	25°47'40	22°43	9°35	12°46	23°47	10° 1	20°29	19°17	7°58	13°43	15°40	14°14	27°14	0°20	T16
W17	7 44 51	26°48'44	6°46	11° 5	13°48	24°34	9°54	20°25	19°21	7°57	13°44	15°41	14°10	27°21	0°17	W17
T18	7 48 48	27°49'47	20°45	12°35	14°50	25°21	9°46	20°20	19°24	7°55	13°45	15°R41	14° 7	27°27	0°13	T18
F19	7 52 45	28°50'49	4°36	14° 6	15°52	26° 8	9°39	20°16	19°28	7°54	13°46	15°40	14° 4	27°34	0°10	F19
S20	7 56 41	29°51'50	18°18	15°38	16°53	26°55	9°31	20°12	19°31	7°52	13°47	15°36	14° 1	27°41	0° 7	S20
S21	8 0 38	0°52'50	1°Ω47	17°10	17°54	27°41	9°23	20° 7	19°35	7°51	13°48	15°30	13°58	27°48	0° 3	S21
M22	8 4 34	1°53'50	15° 2	18°43	18°54	28°28	9°15	20° 3	19°38	7°49	13°49	15°22	13°54	27°54	0° 0	M22
T23	8 8 31	2°54'48	27°59	20°17	19°54	29°15	9° 7	19°58	19°42	7°48	13°49	15°13	13°51	28° 1	29°II57	T23
W24	8 12 27	3°55'46	10°40	21°51	20°54	0° 2	8°59	19°54	19°45	7°46	13°50	15° 4	13°48	28° 8	29°54	W24
T25	8 16 24	4°56'43	23° 4	23°25	21°53	0°49	8°51	19°49	19°49	7°45	13°51	14°56	13°45	28°14	29°51	T25
F26	8 20 20	5°57'39	5°Δ13	25° 1	22°51	1°36	8°43	19°44	19°52	7°43	13°52	14°49	13°42	28°21	29°48	F26
S27	8 24 17	6°58'34	17°12	26°37	23°49	2°23	8°35	19°40	19°56	7°42	13°52	14°45	13°39	28°28	29°45	S27
S28	8 28 14	7°59'29	29° 3	28°14	24°46	3°10	8°27	19°35	19°59	7°40	13°53	14°42	13°35	28°34	29°42	S28
M29	8 32 10	9° 0'23	10°M53	29°51	25°43	3°57	8°19	19°30	20° 2	7°39	13°54	14°D42	13°32	28°41	29°39	M29
T30	8 36 7	10° 1'16	22°46	1°Δ30	26°40	4°44	8°11	19°26	20° 6	7°38	13°54	14°42	13°29	28°48	29°36	T30
W31	8 40 3	11° 2'08	4°Δ47	3°Δ 8	27°Δ35	5°Δ31	8°Ω 3	19°Ω21	20°Ω 9	7°Ω36	13°M55	14°II43	13°II26	28°Δ54	29°II34	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
M 1	23s 3	9s12	3n35	21s49	1n11	14s 4	1s27	23s49	0s54	18n 1	0n45	15n31	1n12	22s38	0s26	22n16	0s56	1s11	15n22	22n45	22n38	6s15	16n31	6s57					
T 2	22 58	13 46	2 43	22 4	1 2	13 37	1 24	23 45	0 55	18 3	0 45	15 32	1 12	22 38	0 26	22 16	0 56	1 11	15 23	22 45	22 37	6 18	16 32	6 57					
W 3	22 53	17 51	1 43	22 17	0 54	13 11	1 20	23 41	0 55	18 5	0 45	15 34	1 12	22 37	0 26	22 16	0 56	1 11	15 23	22 45	22 37	6 21	16 32	6 57					
T 4	22 47	21 15	0 38	22 31	0 45	12 44	1 16	23 36	0 55	18 6	0 46	15 35	1 12	22 37	0 26	22 16	0 56	1 11	15 23	22 45	22 37	6 24	16 32	6 56					
F 5	22 40	23 43	0s31	22 43	0 37	12 16	1 12	23 31	0 56	18 8	0 46	15 36	1 12	22 36	0 26	22 17	0 56	1 11	15 24	22 45	22 36	6 27	16 32	6 56					
S 6	22 34	25 3	1 39	22 55	0 29	11 49	1 8	23 26	0 56	18 10	0 46	15 37	1 12	22 36	0 26	22 17	0 56	1 11	15 24	22 45	22 36	6 30	16 32	6 56					
S 7	22 26	25 1	2 43	23 5	0 21	11 21	1 4	23 21	0 56	18 12	0 46	15 39	1 13	22 35	0 26	22 17	0 56	1 11	15 25	22 45	22 36	6 33	16 32	6 56					
M 8	22 18	23 35	3 40	23 15	0 12	10 53	0 59	23 15	0 57	18 14	0 46	15 40	1 13	22 35	0 26	22 17	0 56	1 11	15 25	22 44	22 35	6 36	16 32	6 56					
T 9	22 10	20 46	4 26	23 24	0 5	10 25	0 55	23 9	0 57	18 17	0 47	15 41	1 13	22 34	0 26	22 17	0 56	1 11	15 25	22 44	22 35	6 39	16 32	6 56					
W10	22 2	16 45	4 57	23 31	0s 3	9 57	0 50	23 3	0 57	18 19	0 47	15 43	1 13	22 34	0 26	22 17	0 56	1 11	15 26	22 43	22 35	6 41	16 32	6 56					
T11	21 53	11 47	5 11	23 38	0 11	9 29	0 45	22 57	0 58	18 21	0 47	15 44	1 13	22 33	0 26	22 17	0 56	1 11	15 26	22 43	22 34	6 44	16 32	6 56					
F12	21 43	6 11	5 6	23 44	0 18	9 0	0 40	22 50	0 58	18 23	0 47	15 45	1 13	22 33	0 26	22 17	0 56	1 11	15 27	22 42	22 34	6 47	16 33	6 56					
S13	21 33	0 15	4 43	23 48	0 25	8 31	0 35	22 43	0 58	18 25	0 47	15 47	1 14	22 32	0 26	22 18	0 56	1 11	15 27	22 42	22 33	6 50	16 33	6 56					
S14	21 23	5n44	4 3	23 51	0 33	8 2	0 30	22 36	0 59	18 27	0 47	15 48	1 14	22 32	0 26	22 18	0 56	1 11	15 28	22 42	22 33	6 53	16 33	6 55					
M15	21 12	11 25	3 8	23 53	0 39	7 34	0 25	22 29	0 59	18 29	0 48	15 50	1 14	22 31	0 26	22 18	0 56	1 11	15 28	22 42	22 33	6 56	16 33	6 55					
T16	21 1	16 31	2 2	23 54	0 46	7 4	0 19	22 21	0 59	18 32	0 48	15 51	1 14	22 31	0 26	22 18	0 56	1 11	15 29	22 42	22 32	6 59	16 33	6 55					
W17	20 49	20 41	0 48	23 53	0 53	6 35	0 14	22 13	0 59	18 34	0 48	15 53	1 14	22 30	0 26	22 18	0 56	1 10	15 29	22 42	22 32	7 2	16 34	6 55					
T18	20 38	23 36	0n27	23 51	0 59	6 6	0 8	22 5	1 0	18 36	0 48	15 54	1 14	22 30	0 26	22 18	0 56	1 10	15 30	22 42	22 32	7 5	16 34	6 55					
F19	20 25	25 4	1 41	23 48	1 5	5 37	0 2	21 56	1 0	18 38	0 48	15 56	1 15	22 29	0 26	22 18	0 56	1 10	15 30	22 42	22 31	7 8	16 34	6 54					
S20	20 12	24 59	2 47	23 44	1 11	5 8	0n 4	21 47	1 0	18 40	0 48	15 57	1 15	22 29	0 26	22 18	0 56	1 10	15 30	22 42	22 31	7 11	16 34	6 54					
S21	19 59	23 25	3 43	23 38	1 16	4 38	0 10	21 39	1 1	18 43	0 48	15 59	1 15	22 28	0 26	22 18	0 56	1 10	15 31	22 41	22 31	7 14	16 34	6 54					
M22	19 46	20 35	4 26	23 31	1 22	4 9	0 16	21 29	1 1	18 45	0 49	16 0	1 15	22 28	0 26	22 19	0 56	1 9	15 31	22 40	22 30	7 17	16 35	6 54					
T23	19 32	16 46	4 53	23 22	1 27	3 39	0 23	21 20	1 1	18 47	0 49	16 2	1 15	22 27	0 26	22 19	0 56	1 9	15 32	22 39	22 30	7 20	16 35	6 53					
W24	19 18	12 18	5 6	23 12	1 31	3 10	0 29	21 10	1 1	18 49	0 49	16 4	1 15	22 27	0 26	22 19	0 56	1 9	15 32	22 38	22 29	7 23	16 35	6 53					
T25	19 3	7 24	5 4	23 1	1 36	2 41	0 36	21 0	1 2	18 52	0 49	16 5	1 15	22 26	0 26	22 19	0 56	1 9	15 33	22 37	22 29	7 26	16 36	6 53					
F26	18 49	2 20	4 48	22 48	1 40	2 12	0 42	20 50	1 2	18 54	0 49	16 7	1 16	22 26	0 26	22 19	0 56	1 9	15 33	22 36	22 29	7 29	16 36	6 53					
S27	18 33	2s46	4 20	22 34	1 44	1 42	0 49	20 40	1 2	18 56	0 49	16 8	1 16	22 26	0 26	22 19	0 56	1 8	15 34	22 36	22 28	7 32	16 36	6 52					
S28	18 18	7 43	3 40	22 18	1 48	1 13	0 56	20 29	1 2	18 58	0 49	16 10	1 16	22 25	0 26	22 19	0 56	1 8	15 34	22 36	22 28	7 34	16 36	6 52					
M29	18 2	12 24	2 51	22 1	1 51	0 44	1 3	20 18	1 2	19 0	0 50	16 12	1 16	22 25	0 26	22 19	0 56	1 8	15 35	22 36	22 27	7 37	16 37	6 52					
T30	17 46	16 38	1 55	21 42	1 54	0 45	1 11	20 7	1 3	19 3	0 50	16 13	1 16	22 24	0 26	22 19	0 56	1 7	15 35	22 36	22 27	7 40	16 37	6 51					
W31	17s29	20s15	0n53	21s22	1s57	0n14	1n18	19s56	1s 3	19n 5	0n50	16n15	1n16	22s24	0s26	22n20	0s56	1s 7	15n36	22n36	22n27	7s43	16n37	6s51					

ASTRODIENST EPHEMERIS for the year 1742
geocentric

FEBRUARY 1742

00:00 UT

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

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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ASTRODIENST EPHEMERIS for the year 1742
geocentric

MARCH 1742

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Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	10 34 23	10 ^h 16'51	24 ^h 51	25 ^h 17	17 ^h 59	28 ^h 21	4 ^h R41	17 ^h R 4	21 ^h 38	7 ^h R 7	13 ^h R56	11 ^h R53	11 ^h II54	2 ^h ML 8	28 ^h R50	T 1
F 2	10 38 20	11 ^h 16'57	7 ^h 323	26 ^h 58	18 ^h 21	29 ^h 9	4 ^h Ω36	17 ^h Ω 0	21 ^h 40	7 ^h Ω 7	13 ^h ML55	11 ^h II51	11 ^h 51	2 ^h 15	28 ^h II50	F 2
S 3	10 42 16	12 ^h 17'02	20 ^h 20	28 ^h 35	18 ^h 41	29 ^h 56	4 ^h 31	16 ^h 56	21 ^h 43	7 ^h 6	13 ^h 55	11 ^h 47	11 ^h 47	2 ^h 21	28 ^h 50	S 3
S 4	10 46 13	13 ^h 17'05	3 ^h 43	0 ^h Y 8	18 ^h 59	0 ^h 43	4 ^h 26	16 ^h 51	21 ^h 45	7 ^h 6	13 ^h 54	11 ^h 40	11 ^h 44	2 ^h 28	28 ^h D50	S 4
M 5	10 50 10	14 ^h 17'06	17 ^h 33	1 ^h 36	19 ^h 16	1 ^h 31	4 ^h 21	16 ^h 47	21 ^h 48	7 ^h 5	13 ^h 54	11 ^h 31	11 ^h 41	2 ^h 35	28 ^h 50	M 5
T 6	10 54 6	15 ^h 17'05	1 ^h 50	2 ^h 59	19 ^h 30	2 ^h 18	4 ^h 17	16 ^h 43	21 ^h 50	7 ^h 5	13 ^h 53	11 ^h 20	11 ^h 38	2 ^h 41	28 ^h 50	T 6
W 7	10 58 3	16 ^h 17'02	16 ^h 27	4 ^h 16	19 ^h 42	3 ^h 5	4 ^h 12	16 ^h 39	21 ^h 53	7 ^h 4	13 ^h 52	11 ^h 8	11 ^h 35	2 ^h 48	28 ^h 50	W 7
T 8	11 1 59	17 ^h 16'57	1 ^h Y18	5 ^h 27	19 ^h 52	3 ^h 52	4 ^h 8	16 ^h 36	21 ^h 55	7 ^h 4	13 ^h 52	10 ^h 56	11 ^h 31	2 ^h 55	28 ^h 50	T 8
F 9	11 5 56	18 ^h 16'51	16 ^h 13	6 ^h 31	19 ^h 59	4 ^h 40	4 ^h 4	16 ^h 32	21 ^h 57	7 ^h 4	13 ^h 51	10 ^h 47	11 ^h 28	3 ^h 2	28 ^h 51	F 9
S 10	11 9 52	19 ^h 16'42	1 ^h 3	7 ^h 28	20 ^h 5	5 ^h 27	4 ^h 0	16 ^h 28	22 ^h 0	7 ^h 3	13 ^h 50	10 ^h 39	11 ^h 25	3 ^h 8	28 ^h 51	S 10
S 11	11 13 49	20 ^h 16'31	15 ^h 42	8 ^h 18	20 ^h 8	6 ^h 14	3 ^h 56	16 ^h 24	22 ^h 2	7 ^h 3	13 ^h 49	10 ^h 35	11 ^h 22	3 ^h 15	28 ^h 52	S 11
M12	11 17 45	21 ^h 16'18	0 ^h II 5	9 ^h 0	20 ^h R 8	7 ^h 1	3 ^h 53	16 ^h 21	22 ^h 4	7 ^h 3	13 ^h 49	10 ^h 33	11 ^h 19	3 ^h 22	28 ^h 52	M12
T 13	11 21 42	22 ^h 16'02	14 ^h 8	9 ^h 34	20 ^h 6	7 ^h 48	3 ^h 50	16 ^h 17	22 ^h 6	7 ^h 3	13 ^h 48	10 ^h D33	11 ^h 16	3 ^h 28	28 ^h 53	T 13
W14	11 25 39	23 ^h 15'45	27 ^h 53	9 ^h 59	20 ^h 2	8 ^h 36	3 ^h 46	16 ^h 14	22 ^h 9	7 ^h 3	13 ^h 47	10 ^h R33	11 ^h 12	3 ^h 35	28 ^h 54	W14
T 15	11 29 35	24 ^h 15'25	11 ^h Ω21	10 ^h 16	19 ^h 55	9 ^h 23	3 ^h 43	16 ^h 11	22 ^h 11	7 ^h 2	13 ^h 46	10 ^h 32	11 ^h 9	3 ^h 42	28 ^h 55	T 15
F 16	11 33 32	25 ^h 15'02	24 ^h 33	10 ^h 25	19 ^h 46	10 ^h 10	3 ^h 41	16 ^h 7	22 ^h 13	7 ^h 2	13 ^h 45	10 ^h 29	11 ^h 6	3 ^h 48	28 ^h 56	F 16
S 17	11 37 28	26 ^h 14'38	7 ^h Ω31	10 ^h R26	19 ^h 34	10 ^h 57	3 ^h 38	16 ^h 4	22 ^h 15	7 ^h 2	13 ^h 44	10 ^h 23	11 ^h 3	3 ^h 55	28 ^h 57	S 17
S 18	11 41 25	27 ^h 14'11	20 ^h 17	10 ^h 19	19 ^h 19	11 ^h 44	3 ^h 36	16 ^h 1	22 ^h 17	7 ^h D 2	13 ^h 43	10 ^h 14	11 ^h 0	4 ^h 2	28 ^h 58	S 18
M19	11 45 21	28 ^h 13'42	2 ^h II52	10 ^h 4	19 ^h 2	12 ^h 31	3 ^h 34	15 ^h 58	22 ^h 19	7 ^h 2	13 ^h 42	10 ^h 3	10 ^h 57	4 ^h 8	29 ^h 0	M19
T 20	11 49 18	29 ^h 13'10	15 ^h 16	9 ^h 42	18 ^h 43	13 ^h 18	3 ^h 32	15 ^h 55	22 ^h 21	7 ^h 2	13 ^h 41	9 ^h 51	10 ^h 53	4 ^h 15	29 ^h 1	T 20
W21	11 53 14	0 ^h Y1237	27 ^h 32	9 ^h 13	18 ^h 21	14 ^h 5	3 ^h 30	15 ^h 53	22 ^h 22	7 ^h 2	13 ^h 40	9 ^h 38	10 ^h 50	4 ^h 22	29 ^h 3	W21
T 22	11 57 11	1 ^h 12'01	9 ^h Ω38	8 ^h 39	17 ^h 57	14 ^h 52	3 ^h 28	15 ^h 50	22 ^h 24	7 ^h 3	13 ^h 39	9 ^h 26	10 ^h 47	4 ^h 28	29 ^h 4	T 22
F 23	12 1 7	2 ^h 11'24	21 ^h 37	7 ^h 59	17 ^h 31	15 ^h 39	3 ^h 27	15 ^h 47	22 ^h 26	7 ^h 3	13 ^h 38	9 ^h 15	10 ^h 44	4 ^h 35	29 ^h 6	F 23
S 24	12 5 4	3 ^h 10'44	3 ^h ML29	7 ^h 15	17 ^h 3	16 ^h 26	3 ^h 25	15 ^h 45	22 ^h 28	7 ^h 3	13 ^h 37	9 ^h 7	10 ^h 41	4 ^h 42	29 ^h 8	S 24
S 25	12 9 1	4 ^h 10'03	15 ^h 18	6 ^h 28	16 ^h 33	17 ^h 13	3 ^h 24	15 ^h 42	22 ^h 29	7 ^h 3	13 ^h 35	9 ^h 1	10 ^h 37	4 ^h 48	29 ^h 9	S 25
M26	12 12 57	5 ^h 9'19	27 ^h 6	5 ^h 39	16 ^h 2	18 ^h 0	3 ^h 23	15 ^h 40	22 ^h 31	7 ^h 3	13 ^h 34	8 ^h 59	10 ^h 34	4 ^h 55	29 ^h 11	M26
T 27	12 16 54	6 ^h 8'34	8 ^h Y57	4 ^h 48	15 ^h 28	18 ^h 47	3 ^h 23	15 ^h 38	22 ^h 33	7 ^h 4	13 ^h 33	8 ^h D58	10 ^h 31	5 ^h 2	29 ^h 13	T 27
W28	12 20 50	7 ^h 7'47	20 ^h 55	3 ^h 57	14 ^h 54	19 ^h 34	3 ^h 22	15 ^h 36	22 ^h 34	7 ^h 4	13 ^h 32	8 ^h 58	10 ^h 28	5 ^h 8	29 ^h 15	W28
T 29	12 24 47	8 ^h 6'59	3 ^h 3	3 ^h 8	14 ^h 18	20 ^h 21	3 ^h 22	15 ^h 34	22 ^h 36	7 ^h 4	13 ^h 31	8 ^h R59	10 ^h 25	5 ^h 15	29 ^h 18	T 29
F 30	12 28 43	9 ^h 6'08	15 ^h 36	2 ^h 20	13 ^h 41	21 ^h 8	3 ^h D22	15 ^h 32	22 ^h 37	7 ^h 5	13 ^h 29	8 ^h 59	10 ^h 22	5 ^h 22	29 ^h 20	F 30
S 31	12 32 40	10 ^h Y 5'16	28 ^h 329	1 ^h Y34	13 ^h Y 4	21 ^h Y55	3 ^h Ω22	15 ^h Ω30	22 ^h 38	7 ^h Ω 5	13 ^h ML28	8 ^h II57	10 ^h II18	5 ^h ML28	29 ^h II22	S 31

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T 1	7s43	24s30	1s 8	1s42	0n11	12n10	5n31	13s 5	1s 6	19n57	0n51	16n59	1n18	22s11	0s27	22n22	0s55	0s54	15n50	22n15	22n15	9s 8	16n50	6s39	
F 2	7 21	25 26	2 11	0 51	0 24	12 27	5 41	12 49	1 6	19 58	0 51	17 1	1 18	22 10	0 27	22 22	0 55	0 54	15 50	22 14	22 14	9 11	16 50	6 38	
S 3	6 58	25 2	3 8	0n 0	0 37	12 43	5 50	12 32	1 6	19 59	0 51	17 2	1 18	22 10	0 27	22 22	0 55	0 53	15 50	22 14	22 14	9 14	16 51	6 38	
S 4	6 35	23 12	3 58	0 49	0 50	12 59	5 59	12 15	1 6	20 1	0 51	17 3	1 18	22 9	0 27	22 22	0 55	0 52	15 51	22 13	22 14	9 17	16 51	6 37	
M 5	6 12	19 57	4 35	1 37	1 4	13 13	6 8	11 58	1 6	20 2	0 51	17 4	1 18	22 9	0 27	22 22	0 55	0 52	15 51	22 12	22 13	9 20	16 52	6 37	
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F 9	4 38	2n36	4 5	4 24	1 58	14 3	6 44	10 50	1 5	20 6	0 51	17 9	1 19	22 8	0 27	22 23	0 55	0 49	15 53	22 6	22 11	9 31	16 54	6 35	
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F 23	0 52	4s59	3 44	6 18	3 24	14 21	8 5	6 39	1 4	20 14	0 51	17 22	1 18	22 3	0 27	22 23	0 54	0 41	15 58	21 52	22 5	10 12	17 1	6 27	
S 24	1 16	9 55	2 57	5 56	3 19	14 11	8 6	6 20	1 4	20 14	0 51	17 23	1 18	22 3	0 27	22 23	0 54	0 40	15 59	21 51	22 5	10 15	17 1	6 27	
S 25	1 40	14 29	2 3	5 30	3 12	14 0	8 7	6 2	1 3	20 15	0 51	17 24	1 18	22 3	0 28	22 23	0 54	0 40	15 59	21 50	22 4	10 18	17 2	6 26	
M26	2 3	18 31	1 3	5 3	3 3	13 47	8 7	5 43	1 3	20 15	0 51	17 25	1 18	22 3	0 28	22 23	0 54	0 39	15 59	21 50	22 4	10 21	17 2	6 26	
T 27	2 27	21 49	0 0	4 33	2 53	13 33	8 5	5 25	1 3	20 15	0 51	17 25	1 18	22 2	0 28	22 23	0 54	0 38	15 59	21 50	22 3	10 24	17 3	6 26	
W28	2 50	24 13	1s 4	4 2	2 41	13 18	8 3	5 6	1 3	20 15	0 51	17 26	1 18	22 2	0 28	22 23	0 54	0 38	16 0	21 50	22 3	10 27	17 3	6 25	
T 29	3 13	25 32	2 6	3 31	2 28	13 1	8 0	4 47	1 3	20 15	0 51	17 26	1 18	22 2	0 28	22 23	0 54	0 37	16 0	21 50	22 2	10 29	17 4	6 25	
F 30	3 37	25 35	3 3	3 29	2 18	12 43	7 57	4 29	1 3	20 15	0 50	17 27	1 18	22 2	0 28	22 23	0 54	0 36	16 0	21 50	22 2	10 32	17 4	6 24	
S 31	4n 0	24s18	3s53	2n27	2n 0	12n24	7n52	4s10	1s 2	20n15	0n50	17n27	1n18	22s 2	0s28	22n23	0s54	0s36	16n 1	21n49	22n 2	10s35	17n 5	6s24	

ASTRODIENST EPHEMERIS for the year 1742

geocentric

APRIL 1742

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 36 36	11°42'22"	11°48'48"	0°R52	12°R26	22°H42	3°Q22	15°R28	22°Z40	7°S 5	13°R27	8°R53	10°II15	5°M35	29°II25	S 1
M 2	12 40 33	12° 3'26"	25°37'	0°Y14	11°Y49	23°28'	3°22'	15°Q27	22°41'	7° 6	13°M25	8°II47	10°12'	5°42'	29°27'	M 2
T 3	12 44 30	13° 2'28"	9°H55	29°H41	11°11'	24°15'	3°23'	15°25'	22°42'	7° 6	13°24'	8°40'	10° 9	5°48'	29°30'	T 3
W 4	12 48 26	14° 1'29"	24°37'	29°12'	10°34'	25° 2	3°24'	15°24'	22°43'	7° 7	13°22'	8°31'	10° 6	5°55'	29°32'	W 4
T 5	12 52 23	15° 0'27"	9°Y39	28°48'	9°57'	25°49'	3°25'	15°22'	22°45'	7° 8	13°21'	8°23'	10° 3	6° 2	29°35'	T 5
F 6	12 56 19	15°59'24"	24°50'	28°30'	9°21'	26°35'	3°26'	15°21'	22°46'	7° 8	13°20'	8°16'	9°59'	6° 8	29°38'	F 6
S 7	13 0 16	16°58'18"	9°S59	28°17'	8°46'	27°22'	3°28'	15°20'	22°47'	7° 9	13°18'	8°10'	9°56'	6°15'	29°41'	S 7
S 8	13 4 12	17°57'10"	24°58'	28°10'	8°12'	28° 9	3°29'	15°19'	22°48'	7°10	13°17'	8° 8	9°53'	6°22'	29°44'	S 8
M 9	13 8 9	18°56'01"	9°II39	28°D 7	7°40'	28°55'	3°31'	15°18'	22°49'	7°10	13°15'	8°D 7	9°50'	6°28'	29°47'	M 9
T 10	13 12 5	19°54'49"	23°57'	28°10'	7° 9	29°42'	3°33'	15°17'	22°50'	7°11	13°14'	8° 8	9°47'	6°35'	29°50'	T 10
W11	13 16 2	20°53'34"	7°S51	28°19'	6°40'	0°Y28	3°35'	15°17'	22°50'	7°12	13°12'	8° 9	9°43'	6°42'	29°53'	W11
T 12	13 19 59	21°52'18"	21°22'	28°32'	6°13'	1°15'	3°37'	15°16'	22°51'	7°13	13°11'	8°R10	9°40'	6°48'	29°56'	T 12
F 13	13 23 55	22°50'59"	4°Q31	28°50'	5°48'	2° 1	3°40'	15°16'	22°52'	7°13	13° 9	8° 9	9°37'	6°55'	29°59'	F 13
S 14	13 27 52	23°49'38"	17°21'	29°12'	5°26'	2°48'	3°42'	15°15'	22°53'	7°14	13° 8	8° 6	9°34'	7° 2	0°S 3	S 14
S 15	13 31 48	24°48'14"	29°56'	29°39'	5° 5	3°34'	3°45'	15°15'	22°53'	7°15	13° 6	8° 2	9°31'	7° 8	0° 6	S 15
M16	13 35 45	25°46'49"	12°M18	0°Y11	4°47'	4°20'	3°48'	15°15'	22°54'	7°16	13° 4	7°56'	9°28'	7°15'	0°10'	M16
T 17	13 39 41	26°45'21"	24°30'	0°46'	4°31'	5° 7	3°51'	15°D15	22°55'	7°17	13° 3	7°48'	9°24'	7°22'	0°14'	T 17
W18	13 43 38	27°43'51"	6°A33	1°26'	4°18'	5°53'	3°55'	15°15'	22°55'	7°18	13° 1	7°41'	9°21'	7°28'	0°17'	W18
T 19	13 47 34	28°42'19"	18°30'	2° 9	4° 7	6°39'	3°58'	15°15'	22°55'	7°19	13° 0	7°34'	9°18'	7°35'	0°21'	T 19
F 20	13 51 31	29°40'45"	0°M22	2°55'	3°59'	7°25'	4° 2	15°15'	22°56'	7°20	12°58'	7°28'	9°15'	7°42'	0°25'	F 20
S 21	13 55 28	0°B39'10"	12°12'	3°45'	3°53'	8°12'	4° 6	15°16'	22°56'	7°21	12°56'	7°23'	9°12'	7°48'	0°29'	S 21
S 22	13 59 24	1°37'32"	24° 0	4°39'	3°49'	8°58'	4°10'	15°16'	22°56'	7°22	12°55'	7°20'	9° 8	7°55'	0°33'	S 22
M23	14 3 21	2°35'53"	5°A50	5°35'	3°D48	9°44'	4°14'	15°17'	22°57'	7°23	12°53'	7°D19	9° 5	8° 2	0°37'	M23
T 24	14 7 17	3°34'13"	17°44'	6°35'	3°49'	10°30'	4°19'	15°18'	22°57'	7°25	12°51'	7°20'	9° 2	8° 8	0°41'	T 24
W25	14 11 14	4°32'30"	29°47'	7°37'	3°53'	11°16'	4°23'	15°19'	22°57'	7°26	12°50'	7°21'	8°59'	8°15'	0°45'	W25
T 26	14 15 10	5°30'46"	12°S 1	8°42'	3°59'	12° 2	4°28'	15°20'	22°57'	7°27	12°48'	7°23'	8°56'	8°22'	0°49'	T 26
F 27	14 19 7	6°29'01"	24°31'	9°50'	4° 7	12°48'	4°33'	15°21'	22°R57	7°28	12°46'	7°24'	8°53'	8°28'	0°53'	F 27
S 28	14 23 3	7°27'14"	7°A21	11° 0	4°17'	13°33'	4°38'	15°22'	22°57'	7°30	12°45'	7°R25	8°49'	8°35'	0°58'	S 28
S 29	14 27 0	8°25'25"	20°35'	12°13'	4°29'	14°19'	4°43'	15°23'	22°57'	7°31	12°43'	7°24'	8°46'	8°42'	1° 2	S 29
M30	14 30 57	9°B23'36"	4°H16	13°Y28	4°Y44	15°Y 5	4°Q48	15°Q24	22°S57	7°S32	12°M41	7°II23	8°II43	8°M48	1°S 7	M30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	4n23	21s38	4s33	1n57	1n44	12n 4	7n46	3s51	1s 2	20n15	0n50	17n28	1n18	22s 1	0s28	22n23	0s54
M 2	4 46	17 40	4 58	1 27	1 28	11 43	7 40	3 32	1 2	20 15	0 50	17 28	1 18	22 1	0 28	22 23	0 54
T 3	5 9	12 35	5 6	0 59	1 12	11 21	7 32	3 14	1 2	20 14	0 50	17 29	1 18	22 1	0 28	22 23	0 54
W 4	5 32	6 38	4 54	0 32	0 56	10 59	7 24	2 55	1 1	20 14	0 50	17 29	1 18	22 1	0 28	22 24	0 54
T 5	5 55	0 11	4 22	0 8	0 40	10 36	7 15	2 36	1 1	20 14	0 50	17 30	1 18	22 1	0 28	22 24	0 53
F 6	6 18	6n21	3 31	0s14	0 24	10 13	7 5	2 17	1 1	20 14	0 50	17 30	1 18	22 0	0 28	22 24	0 53
S 7	6 41	12 32	2 25	0 33	0 8	9 50	6 55	1 58	1 1	20 13	0 50	17 30	1 18	22 0	0 28	22 24	0 53
S 8	7 3	17 54	1 10	0 50	0s 7	9 26	6 44	1 40	1 0	20 13	0 50	17 30	1 18	22 0	0 28	22 24	0 53
M 9	7 26	22 4	0n 8	1 5	0 21	9 3	6 33	1 21	1 0	20 12	0 50	17 31	1 18	22 0	0 28	22 24	0 53
T 10	7 48	24 44	1 24	1 16	0 36	8 40	6 21	1 2	1 0	20 12	0 50	17 31	1 18	22 0	0 28	22 24	0 53
W11	8 10	25 48	2 33	1 26	0 49	8 17	6 8	0 43	0 59	20 11	0 50	17 31	1 18	22 0	0 28	22 24	0 53
T 12	8 32	25 16	3 32	1 32	1 2	7 54	5 55	0 24	0 59	20 11	0 50	17 31	1 18	22 0	0 28	22 24	0 53
F 13	8 54	23 20	4 18	1 36	1 14	7 32	5 42	0 6	0 59	20 10	0 50	17 31	1 18	22 0	0 28	22 24	0 53
S 14	9 16	20 14	4 49	1 38	1 26	7 11	5 28	0n13	0 58	20 9	0 50	17 31	1 18	22 0	0 28	22 24	0 53
S 15	9 37	16 17	5 6	1 37	1 37	6 50	5 15	0 32	0 58	20 9	0 50	17 31	1 18	21 59	0 28	22 24	0 53
M16	9 59	11 42	5 8	1 34	1 47	6 30	5 1	0 51	0 58	20 8	0 50	17 31	1 18	21 59	0 28	22 23	0 53
T 17	10 20	6 43	4 56	1 28	1 56	6 11	4 47	1 9	0 58	20 7	0 49	17 31	1 17	21 59	0 28	22 23	0 53
W18	10 41	1 33	4 31	1 21	2 5	5 53	4 33	1 28	0 57	20 6	0 49	17 31	1 17	21 59	0 28	22 23	0 53
T 19	11 2	3s39	3 54	1 11	2 13	5 36	4 19	1 47	0 57	20 5	0 49	17 31	1 17	21 59	0 28	22 23	0 53
F 20	11 23	8 41	3 8	0 59	2 21	5 20	4 5	2 5	0 56	20 4	0 49	17 31	1 17	21 59	0 28	22 23	0 53
S 21	11 43	13 25	2 13	0 45	2 27	5 5	3 51	2 24	0 56	20 3	0 49	17 31	1 17	21 59	0 28	22 23	0 53
S 22	12 3	17 38	1 12	0 30	2 33	4 50	3 37	2 42	0 56	20 2	0 49	17 31	1 17	21 59	0 28	22 23	0 53
M23	12 24	21 11	0 8	0 12	2 38	4 37	3 24	3 1	0 55	20 1	0 49	17 30	1 17	21 59	0 28	22 23	0 53
T 24	12 43	23 51	0s57	0n 7	2 43	4 26	3 10	3 19	0 55	20 0	0 49	17 30	1 17	21 59	0 28	22 23	0 53
W25	13 3	25 28	2 0	0 28	2 47	4 15	2 57	3 37	0 55	19 59	0 49	17 30	1 17	21 59	0 28	22 23	0 53
T 26	13 23	25 54	2 59	0 51	2 50	4 5	2 44	3 56	0 54	19 58	0 49	17 29	1 17	21 59	0 29	22 23	0 53
F 27	13 42	25 1	3 50	1 15	2 52	3 57	2 31	4 14	0 54	19 57	0 49	17 29	1 17	21 59	0 29	22 23	0 53
S 28	14 1	22 50	4 32	1 41	2 54	3 49	2 18	4 32	0 53	19 55	0 49	17 29	1 17	21 59	0 29	22 23	0 53
S 29	14 20	19 23	5 1	2 8	2 56	3 43	2 6	4 50	0 53	19 54	0 49	17 28	1 17	21 59	0 29	22 23	0 53
M30	14n39	14s49	5s13	2n37	2s56	3n37	1n54	5n 9	0s53	19n53	0n49	17n28	1n17	21s59	0s29	22n23	0s53

Julian Day Number = 2357402.5, Delta T = 13.83 sec
 Ecliptic obliquity = 23°28'26", Nutation = - 0°00'16", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°08'31", Lahiri = 20°15'31"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1742

geocentric

MAY 1742

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	14 34 53	10 ⁸ 21'44	18 ⁸ 25	14 ⁷ 45	5 ⁷ 0	15 ⁷ 51	4 ⁸ 54	15 ⁸ 26	22 ⁸ 57	7 ⁸ 34	12 ⁸ 40	7 ⁸ 20	8 ⁸ 40	8 ⁸ 55	1 ⁸ 11	T 1
W 2	14 38 50	11 ⁸ 19'51	2 ⁷ 59	16 ⁸ 5	5 ⁸ 19	16 ⁸ 37	4 ⁸ 59	15 ⁸ 27	22 ⁸ 57	7 ⁸ 35	12 ⁸ 38	7 ⁸ 16	8 ⁸ 37	9 ⁸ 2	1 ⁸ 16	W 2
T 3	14 42 46	12 ⁸ 17'57	17 ⁸ 55	17 ⁸ 27	5 ⁸ 39	17 ⁸ 22	5 ⁸ 5	15 ⁸ 29	22 ⁸ 56	7 ⁸ 36	12 ⁸ 36	7 ⁸ 13	8 ⁸ 34	9 ⁸ 8	1 ⁸ 20	T 3
F 4	14 46 43	13 ⁸ 16'01	3 ⁸ 4	18 ⁸ 51	6 ⁸ 1	18 ⁸ 8	5 ⁸ 11	15 ⁸ 31	22 ⁸ 56	7 ⁸ 38	12 ⁸ 35	7 ⁸ 10	8 ⁸ 30	9 ⁸ 15	1 ⁸ 25	F 4
S 5	14 50 39	14 ⁸ 14'04	18 ⁸ 18	20 ⁸ 18	6 ⁸ 25	18 ⁸ 53	5 ⁸ 17	15 ⁸ 33	22 ⁸ 56	7 ⁸ 39	12 ⁸ 33	7 ⁸ 8	8 ⁸ 27	9 ⁸ 22	1 ⁸ 30	S 5
S 6	14 54 36	15 ⁸ 12'05	3 ⁸ 25	21 ⁸ 46	6 ⁸ 50	19 ⁸ 39	5 ⁸ 23	15 ⁸ 35	22 ⁸ 55	7 ⁸ 41	12 ⁸ 31	7 ⁸ D 7	8 ⁸ 24	9 ⁸ 28	1 ⁸ 34	S 6
M 7	14 58 32	16 ⁸ 10'04	18 ⁸ 18	23 ⁸ 17	7 ⁸ 17	20 ⁸ 24	5 ⁸ 30	15 ⁸ 37	22 ⁸ 55	7 ⁸ 42	12 ⁸ 30	7 ⁸ 7	8 ⁸ 21	9 ⁸ 35	1 ⁸ 39	M 7
T 8	15 2 29	17 ⁸ 8'02	2 ⁸ 50	24 ⁸ 50	7 ⁸ 46	21 ⁸ 10	5 ⁸ 36	15 ⁸ 39	22 ⁸ 54	7 ⁸ 44	12 ⁸ 28	7 ⁸ 8	8 ⁸ 18	9 ⁸ 42	1 ⁸ 44	T 8
W 9	15 6 26	18 ⁸ 5'58	16 ⁸ 56	26 ⁸ 24	8 ⁸ 16	21 ⁸ 55	5 ⁸ 43	15 ⁸ 41	22 ⁸ 54	7 ⁸ 45	12 ⁸ 26	7 ⁸ 10	8 ⁸ 14	9 ⁸ 48	1 ⁸ 49	W 9
T 10	15 10 22	19 ⁸ 3'52	0 ⁸ 26	28 ⁸ 1	8 ⁸ 47	22 ⁸ 41	5 ⁸ 50	15 ⁸ 44	22 ⁸ 53	7 ⁸ 47	12 ⁸ 25	7 ⁸ 11	8 ⁸ 11	9 ⁸ 55	1 ⁸ 54	T 10
F 11	15 14 19	20 ⁸ 1'44	13 ⁸ 51	29 ⁸ 40	9 ⁸ 20	23 ⁸ 26	5 ⁸ 57	15 ⁸ 46	22 ⁸ 53	7 ⁸ 49	12 ⁸ 23	7 ⁸ 11	8 ⁸ 8	10 ⁸ 2	1 ⁸ 59	F 11
S 12	15 18 15	20 ⁸ 59'34	26 ⁸ 42	1 ⁸ 21	9 ⁸ 54	24 ⁸ 11	6 ⁸ 4	15 ⁸ 49	22 ⁸ 52	7 ⁸ 50	12 ⁸ 21	7 ⁸ R11	8 ⁸ 5	10 ⁸ 8	2 ⁸ 4	S 12
S 13	15 22 12	21 ⁸ 57'23	9 ⁸ 15	3 ⁸ 4	10 ⁸ 29	24 ⁸ 56	6 ⁸ 11	15 ⁸ 51	22 ⁸ 51	7 ⁸ 52	12 ⁸ 20	7 ⁸ 11	8 ⁸ 2	10 ⁸ 15	2 ⁸ 9	S 13
M14	15 26 8	22 ⁸ 55'10	21 ⁸ 31	4 ⁸ 50	11 ⁸ 6	25 ⁸ 41	6 ⁸ 18	15 ⁸ 54	22 ⁸ 50	7 ⁸ 53	12 ⁸ 18	7 ⁸ 9	7 ⁸ 59	10 ⁸ 22	2 ⁸ 14	M14
T 15	15 30 5	23 ⁸ 52'55	3 ⁸ 36	6 ⁸ 37	11 ⁸ 44	26 ⁸ 26	6 ⁸ 26	15 ⁸ 57	22 ⁸ 50	7 ⁸ 55	12 ⁸ 16	7 ⁸ 8	7 ⁸ 55	10 ⁸ 28	2 ⁸ 20	T 15
W16	15 34 1	24 ⁸ 50'39	15 ⁸ 32	8 ⁸ 26	12 ⁸ 23	27 ⁸ 11	6 ⁸ 33	16 ⁸ 0	22 ⁸ 49	7 ⁸ 57	12 ⁸ 15	7 ⁸ 6	7 ⁸ 52	10 ⁸ 35	2 ⁸ 25	W16
T 17	15 37 58	25 ⁸ 48'21	27 ⁸ 23	10 ⁸ 17	13 ⁸ 3	27 ⁸ 56	6 ⁸ 41	16 ⁸ 3	22 ⁸ 48	7 ⁸ 59	12 ⁸ 13	7 ⁸ 4	7 ⁸ 49	10 ⁸ 42	2 ⁸ 30	T 17
F 18	15 41 55	26 ⁸ 46'02	9 ⁸ 12	12 ⁸ 11	13 ⁸ 44	28 ⁸ 41	6 ⁸ 49	16 ⁸ 6	22 ⁸ 47	8 ⁸ 0	12 ⁸ 11	7 ⁸ 3	7 ⁸ 46	10 ⁸ 48	2 ⁸ 36	F 18
S 19	15 45 51	27 ⁸ 43'41	21 ⁸ 1	14 ⁸ 6	14 ⁸ 26	29 ⁸ 26	6 ⁸ 57	16 ⁸ 9	22 ⁸ 46	8 ⁸ 2	12 ⁸ 10	7 ⁸ 2	7 ⁸ 43	10 ⁸ 55	2 ⁸ 41	S 19
S 20	15 49 48	28 ⁸ 41'19	2 ⁸ 52	16 ⁸ 4	15 ⁸ 9	0 ⁸ 11	7 ⁸ 5	16 ⁸ 13	22 ⁸ 45	8 ⁸ 4	12 ⁸ 8	7 ⁸ D 1	7 ⁸ 40	11 ⁸ 2	2 ⁸ 46	S 20
M21	15 53 44	29 ⁸ 38'56	14 ⁸ 48	18 ⁸ 3	15 ⁸ 53	0 ⁸ 56	7 ⁸ 13	16 ⁸ 16	22 ⁸ 44	8 ⁸ 6	12 ⁸ 7	7 ⁸ 2	7 ⁸ 36	11 ⁸ 8	2 ⁸ 52	M21
T 22	15 57 41	0 ⁸ 36'32	26 ⁸ 51	20 ⁸ 5	16 ⁸ 38	1 ⁸ 41	7 ⁸ 22	16 ⁸ 20	22 ⁸ 43	8 ⁸ 8	12 ⁸ 5	7 ⁸ 2	7 ⁸ 33	11 ⁸ 15	2 ⁸ 57	T 22
W23	16 1 37	1 ⁸ 34'07	9 ⁸ 3	22 ⁸ 8	17 ⁸ 24	2 ⁸ 25	7 ⁸ 30	16 ⁸ 23	22 ⁸ 41	8 ⁸ 9	12 ⁸ 3	7 ⁸ 2	7 ⁸ 30	11 ⁸ 22	3 ⁸ 3	W23
T 24	16 5 34	2 ⁸ 31'40	21 ⁸ 26	24 ⁸ 12	18 ⁸ 10	3 ⁸ 10	7 ⁸ 39	16 ⁸ 27	22 ⁸ 40	8 ⁸ 11	12 ⁸ 2	7 ⁸ 3	7 ⁸ 27	11 ⁸ 28	3 ⁸ 9	T 24
F 25	16 9 30	3 ⁸ 29'13	4 ⁸ 4	26 ⁸ 19	18 ⁸ 58	3 ⁸ 54	7 ⁸ 47	16 ⁸ 31	22 ⁸ 39	8 ⁸ 13	12 ⁸ 0	7 ⁸ 3	7 ⁸ 24	11 ⁸ 35	3 ⁸ 14	F 25
S 26	16 13 27	4 ⁸ 26'45	16 ⁸ 59	28 ⁸ 27	19 ⁸ 46	4 ⁸ 39	7 ⁸ 56	16 ⁸ 35	22 ⁸ 38	8 ⁸ 15	11 ⁸ 59	7 ⁸ 4	7 ⁸ 20	11 ⁸ 42	3 ⁸ 20	S 26
S 27	16 17 24	5 ⁸ 24'16	0 ⁸ 13	0 ⁸ 36	20 ⁸ 35	5 ⁸ 23	8 ⁸ 5	16 ⁸ 39	22 ⁸ 36	8 ⁸ 17	11 ⁸ 57	7 ⁸ R 4	7 ⁸ 17	11 ⁸ 48	3 ⁸ 26	S 27
M28	16 21 20	6 ⁸ 21'46	13 ⁸ 48	2 ⁸ 46	21 ⁸ 25	6 ⁸ 8	8 ⁸ 14	16 ⁸ 43	22 ⁸ 35	8 ⁸ 19	11 ⁸ 56	7 ⁸ 4	7 ⁸ 14	11 ⁸ 55	3 ⁸ 31	M28
T 29	16 25 17	7 ⁸ 19'15	27 ⁸ 46	4 ⁸ 57	22 ⁸ 15	6 ⁸ 52	8 ⁸ 23	16 ⁸ 47	22 ⁸ 33	8 ⁸ 21	11 ⁸ 54	7 ⁸ D 4	7 ⁸ 11	12 ⁸ 2	3 ⁸ 37	T 29
W30	16 29 13	8 ⁸ 16'44	12 ⁸ 7	7 ⁸ 9	23 ⁸ 6	7 ⁸ 36	8 ⁸ 32	16 ⁸ 51	22 ⁸ 32	8 ⁸ 23	11 ⁸ 53	7 ⁸ 4	7 ⁸ 8	12 ⁸ 8	3 ⁸ 43	W30
T 31	16 33 10	9 ⁸ 14'12	26 ⁸ 45	9 ⁸ 21	23 ⁸ 58	8 ⁸ 21	8 ⁸ 24	16 ⁸ 55	22 ⁸ 30	8 ⁸ 25	11 ⁸ 51	7 ⁸ II 4	7 ⁸ II 5	12 ⁸ 15	3 ⁸ 49	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
T 1	14n57	9s19	5 s 8	3n 7	2s56	3n33	1n42	5n27	0s52	19n51	0n49	17n27	1n17	21s59	0s29	22n23	0s52	0s19	16n 4	21n34	21n47	12s 4	17n17	6s11			
W 2	15 15	3 8	4 43	3 38	2 56	3 30	1 30	5 45	0 52	19 50	0 49	17 27	1 17	21 59	0 29	22 23	0 52	0 18	16 4	21 33	21 46	12 7	17 18	6 10			
T 3	15 33	3n22	3 58	4 10	2 55	3 27	1 19	6 2	0 51	19 48	0 49	17 26	1 17	22 0	0 29	22 23	0 52	0 18	16 4	21 33	21 46	12 10	17 18	6 10			
F 4	15 51	9 47	2 57	4 44	2 53	3 26	1 8	6 20	0 51	19 47	0 48	17 26	1 17	22 0	0 29	22 23	0 52	0 17	16 4	21 32	21 45	12 12	17 18	6 10			
S 5	16 8	15 40	1 42	5 18	2 51	3 26	0 57	6 38	0 50	19 45	0 48	17 25	1 17	22 0	0 29	22 23	0 52	0 17	16 4	21 32	21 45	12 15	17 19	6 9			
S 6	16 25	20 32	0 20	5 54	2 48	3 26	0 47	6 56	0 50	19 44	0 48	17 24	1 16	22 0	0 29	22 23	0 52	0 16	16 4	21 32	21 44	12 18	17 19	6 9			
M 7	16 42	23 59	1n 1	6 31	2 44	3 27	0 37	7 13	0 49	19 42	0 48	17 24	1 16	22 0	0 29	22 23	0 52	0 16	16 4	21 32	21 44	12 21	17 19	6 9			
T 8	16 58	25 44	2 17	7 9	2 40	3 30	0 27	7 31	0 49	19 41	0 48	17 23	1 16	22 0	0 29	22 23	0 52	0 16	16 4	21 32	21 43	12 24	17 19	6 8			
W 9	17 15	25 45	3 23	7 47	2 36	3 33	0 17	7 48	0 49	19 39	0 48	17 22	1 16	22 0	0 29	22 23	0 52	0 15	16 4	21 32	21 43	12 27	17 20	6 8			
T 10	17 31	24 11	4 14	8 26	2 31	3 37	0 8	8 5	0 48	19 37	0 48	17 21	1 16	22 0	0 29	22 23	0 52	0 15	16 4	21 32	21 42	12 29	17 20	6 8			
F 11	17 46	21 19	4 50	9 7	2 25	3 41	0s 1	8 23	0 48	19 35	0 48	17 21	1 16	22 0	0 29	22 23	0 52	0 15	16 4	21 33	21 42	12 32	17 20	6 8			
S 12	18 2	17 30	5 11	9 47	2 19	3 47	0 10	8 40	0 47	19 34	0 48	17 20	1 16	22 1	0 29	22 22	0 52	0 14	16 4	21 33	21 41	12 35	17 20	6 7			
S 13	18 17	12 59	5 16	10 29	2 12	3 53	0 18	8 57	0 47	19 32	0 48	17 19	1 16	22 1	0 29	22 22	0 52	0 14	16 3	21 32	21 41	12 38	17 20	6 7			
M14	18 32	8 3	5 6	11 11	2 5	4 0	0 26	9 14	0 46	19 30	0 48	17 18	1 16	22 1	0 29	22 22	0 52	0 14	16 3	21 32	21 40	12 41	17 21	6 7			
T 15	18 46	2 54	4 43	11 54	1 58	4 7	0 34	9 30	0 46	19 28	0 48	17 17	1 16	22 1	0 29	22 22	0 52	0 13	16 3	21 32	21 40	12 44	17 21	6 7			
W16	19 0	2s19	4 8	12 36	1 50	4 15	0 42	9 47	0 45	19 26	0 48	17 16	1 16	22 1	0 29	22 22	0 52	0 13	16 3	21 32	21 39	12 46	17 21	6 6			
T 17	19 14	7 25	3 22	13 20	1 41	4 24	0 49	10 4	0 45	19 24	0 48	17 15	1 16	22 1	0 29	22 22	0 52	0 13	16 3	21 31	21 39	12 49	17 21	6 6			
F 18	19 28	12 14	2 28	14 3	1 32	4 34	0 56	10 20	0 44	19 22	0 48	17 14	1 16	22 2	0 29	22 22	0 52	0 12	16 3	21 31	21 38	12 52	17 21	6 6			
S 19	19 41	16 38	1 28	14 46	1 23	4 44	1 3	10 37	0 44	19 20	0 48	17 13	1 16	22 2	0 29	22 22	0 52	0 12	16 2	21 31	21 38	12 55	17 21	6 6			
S 20	19 54	20 23	0 23	15 30	1 13	4 54	1 10	10 53	0 43	19 18	0 48	17 12	1 16	22 2	0 29	22 22	0 52	0 12	16 2	21 31	21 37	12 58	17 21	6 6			
M21	20 6	23 19	0s43	16 13	1 4	5 5	1 16	11 9	0 42	19 16	0 48	17 11	1 16	22 2	0 29	22 22	0 52	0 12	16 2	21 31	21 37	13 0	17 22	6 5			
T 22	20 18	25 14	1 48	16 56	0 54	5 17	1 22	11 25	0 42	19 13	0 48	17 10	1 16	22 2	0 29	22 22	0 52	0 11	16 2	21 31	21 36	13 3	17 22	6 5			
W23	20 30	25 58	2 49	17 38	0 43	5 29	1 28	11 41	0 41	19 11	0 48	17 9	1 16	22 3	0 29	22 22	0 52	0 11	16 2	21 31	21 36	13 6	17 22	6 5			
T 24	20 42	25 25	3 42	18 19	0 33	5 42	1 34	11 57	0 41	19 9	0 47	17 8	1 16	22 3	0 29	22 22	0 52	0 11	16 1	21 31	21 35	13 9	17 22	6 4			
F 25	20 53	23 35	4 27	19 0	0 22	5 55	1 39	12 12	0 40	19 7	0 47	17 7	1 15	22 3	0 29	22 21	0 52	0 11	16 1	21 31	21 35	13 12	17 22	6 4			
S 26	21 4	20 30	4 58	19 40	0 11	6 8	1 44	12 28	0 40	19 4	0 47	17 5	1 15	22 3	0 29	22 21	0 52	0 10	16 1	21 31	21 34	13 14	17 22	6 4			
S 27	21 14	16 19	5 15	20 18	0 1	6 22	1 49	12 43	0 39	19 2	0 47	17 4	1 15	22 4	0 29	22 21	0 52	0 10	16 1	21 31	21 33	13 17	17 22	6 4			
M28	21 24	11 14	5 15	20 54	0n10	6 36	1 54	12 59	0 39	19 0	0 47	17 3	1 15	22 4	0 29	22 21	0 52	0 10	16 0	21 31	21 33	13 20	17 22	6 4			
T 29	21 34	5 26	4 57	21 29	0 20	6 50	1 59	13 14	0 38	18 57	0 47	17 1	1 15	22 4	0 29	22 21	0 52	0 10	16 0	21 31	21 32	13 23	17 22	6 4			
W30	21 43	0n48	4 20	22 2	0 31	7 5	2 3	13 29	0 37	18 55	0 47	17 0	1 15	22 4	0 30	22 21	0 52	0 10	16 0	21 31	21 32	13 25	17 22	6 3			
T 31	21n52	7n 8	3s26	22n33	0n41	7n20	2s 7	13n44	0s37	18n52	0n47	16n59	1n15	22s 5	0s30	22n21	0s52	0s10	15n59	21n31	21n31	13s28	17n22	6s			

ASTRODIENST EPHEMERIS for the year 1742

geocentric

JUNE 1742

00:00 UT

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

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	22n 1	13n11	2s17	23n 2	0n50	7n36	2s11	13n58	0s36	18n50	0n47	16n57	1n15	22s 5	0s30	F 1
S 2	22 9	18 30	0 58	23 28	0 59	7 52	2 15	14 13	0 36	18 47	0 47	16 56	1 15	22 5	0 30	S 2
S 3	22 17	22 38	0n26	23 51	1 8	8 8	2 18	14 27	0 35	18 45	0 47	16 55	1 15	22 5	0 30	S 3
M 4	22 24	25 12	1 46	24 12	1 16	8 24	2 21	14 41	0 34	18 42	0 47	16 53	1 15	22 6	0 30	M 4
T 5	22 31	25 58	2 58	24 30	1 24	8 40	2 25	14 56	0 34	18 40	0 47	16 52	1 15	22 6	0 30	T 5
W 6	22 38	24 59	3 57	24 46	1 31	8 57	2 27	15 10	0 33	18 37	0 47	16 50	1 15	22 6	0 30	W 6
T 7	22 44	22 30	4 40	24 58	1 37	9 14	2 30	15 23	0 33	18 34	0 47	16 49	1 15	22 7	0 30	T 7
F 8	22 50	18 52	5 7	25 8	1 42	9 31	2 33	15 37	0 32	18 31	0 47	16 47	1 15	22 7	0 30	F 8
S 9	22 55	14 27	5 17	25 15	1 47	9 48	2 35	15 50	0 31	18 29	0 47	16 46	1 15	22 7	0 30	S 9
S 10	23 0	9 32	5 11	25 20	1 51	10 5	2 37	16 4	0 31	18 26	0 47	16 44	1 15	22 8	0 30	S 10
M 11	23 5	4 21	4 51	25 21	1 55	10 22	2 39	16 17	0 30	18 23	0 47	16 42	1 15	22 8	0 30	M 11
T 12	23 9	0s54	4 19	25 20	1 57	10 40	2 41	16 30	0 29	18 20	0 47	16 41	1 15	22 8	0 30	T 12
W 13	23 13	6 3	3 36	25 17	1 59	10 57	2 43	16 43	0 29	18 17	0 47	16 39	1 15	22 9	0 30	W 13
T 14	23 16	10 58	2 44	25 12	2 0	11 15	2 45	16 55	0 28	18 14	0 47	16 37	1 15	22 9	0 30	T 14
F 15	23 19	15 30	1 45	25 4	2 0	11 33	2 46	17 8	0 27	18 11	0 47	16 36	1 15	22 9	0 30	F 15
S 16	23 22	19 27	0 41	24 55	2 0	11 50	2 47	17 20	0 27	18 8	0 47	16 34	1 15	22 10	0 30	S 16
S 17	23 24	22 38	0s25	24 43	1 59	12 8	2 48	17 32	0 26	18 5	0 47	16 32	1 15	22 10	0 30	S 17
M 18	23 26	24 50	1 31	24 30	1 57	12 25	2 49	17 44	0 26	18 2	0 47	16 30	1 15	22 10	0 30	M 18
T 19	23 27	25 53	2 33	24 14	1 55	12 43	2 50	17 56	0 25	17 59	0 47	16 29	1 15	22 11	0 30	T 19
W 20	23 28	25 39	3 29	23 58	1 51	13 1	2 51	18 8	0 24	17 56	0 47	16 27	1 15	22 11	0 30	W 20
T 21	23 28	24 5	4 15	23 40	1 48	13 18	2 51	18 19	0 24	17 53	0 47	16 25	1 15	22 11	0 30	T 21
F 22	23 28	21 16	4 50	23 20	1 43	13 36	2 52	18 30	0 23	17 50	0 47	16 23	1 15	22 12	0 30	F 22
S 23	23 28	17 20	5 10	23 0	1 38	13 53	2 52	18 41	0 22	17 47	0 47	16 21	1 15	22 12	0 30	S 23
S 24	23 27	12 28	5 13	22 38	1 32	14 10	2 52	18 52	0 21	17 43	0 47	16 19	1 14	22 13	0 30	S 24
M 25	23 26	6 56	5 0	22 15	1 26	14 28	2 52	19 3	0 21	17 40	0 47	16 17	1 14	22 13	0 30	M 25
T 26	23 25	0 56	4 29	21 52	1 19	14 45	2 52	19 14	0 20	17 37	0 47	16 16	1 14	22 13	0 30	T 26
W 27	23 23	5n13	3 41	21 28	1 12	15 2	2 52	19 24	0 19	17 34	0 47	16 14	1 14	22 14	0 30	W 27
T 28	23 20	11 12	2 39	21 3	1 4	15 19	2 51	19 34	0 19	17 30	0 47	16 12	1 14	22 14	0 30	T 28
F 29	23 18	16 40	1 26	20 37	0 56	15 35	2 51	19 44	0 18	17 27	0 47	16 10	1 14	22 14	0 30	F 29
S 30	23n14	21n11	0s 6	20n11	0n47	15n52	2s50	19n54	0s17	17n23	0n47	16n 8	1n14	22s15	0s30	S 30

Julian Day Number = 2357463.5, Delta T = 13.88 sec

Ecliptic obliquity = 23°28'25", Nutation = - 0°00'17", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 21°08'39", Lahiri = 20°15'40"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1742

geocentric

JULY 1742

00:00 UT

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

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
S 1	23n11	24n20	1n13	19n45	0n37	16n 8	2s49	20n 3	0s17	17n20	0n47	16n 6	1n14	22s15	0s30	S 1
M 2	23 7	25 50	2 28	19 18	0 27	16 24	2 48	20 13	0 16	17 17	0 47	16 4	1 14	22 16	0 30	M 2
T 3	23 2	25 34	3 31	18 52	0 17	16 40	2 48	20 22	0 15	17 13	0 47	16 2	1 14	22 16	0 30	T 3
W 4	22 58	23 38	4 21	18 25	0 6	16 55	2 46	20 31	0 14	17 10	0 47	15 59	1 14	22 16	0 30	W 4
T 5	22 52	20 21	4 54	17 58	0s 5	17 11	2 45	20 40	0 14	17 6	0 47	15 57	1 14	22 17	0 30	T 5
F 6	22 47	16 5	5 9	17 32	0 17	17 26	2 44	20 48	0 13	17 3	0 47	15 55	1 14	22 17	0 30	F 6
S 7	22 41	11 12	5 9	17 5	0 29	17 41	2 43	20 57	0 12	16 59	0 47	15 53	1 14	22 17	0 30	S 7
S 8	22 34	5 59	4 53	16 39	0 42	17 55	2 41	21 5	0 11	16 55	0 47	15 51	1 14	22 18	0 30	S 8
M 9	22 27	0 39	4 24	16 14	0 54	18 9	2 40	21 13	0 11	16 52	0 47	15 49	1 14	22 18	0 30	M 9
T 10	22 20	4s36	3 43	15 49	1 7	18 23	2 38	21 21	0 10	16 48	0 47	15 47	1 14	22 19	0 30	T 10
W 11	22 13	9 37	2 54	15 24	1 21	18 37	2 36	21 28	0 9	16 44	0 47	15 44	1 14	22 19	0 30	W 11
T 12	22 5	14 17	1 57	15 1	1 34	18 50	2 34	21 36	0 9	16 41	0 47	15 42	1 14	22 19	0 30	T 12
F 13	21 56	18 24	0 55	14 38	1 48	19 3	2 32	21 43	0 8	16 37	0 47	15 40	1 14	22 20	0 30	F 13
S 14	21 48	21 49	0s 9	14 16	2 2	19 15	2 30	21 50	0 7	16 33	0 47	15 38	1 14	22 20	0 30	S 14
S 15	21 39	24 19	1 13	13 56	2 16	19 27	2 28	21 57	0 6	16 30	0 47	15 36	1 14	22 21	0 30	S 15
M 16	21 29	25 43	2 16	13 36	2 30	19 39	2 26	22 3	0 6	16 26	0 47	15 33	1 14	22 21	0 30	M 16
T 17	21 19	25 50	3 12	13 19	2 44	19 50	2 24	22 10	0 5	16 22	0 47	15 31	1 14	22 21	0 30	T 17
W 18	21 9	24 36	4 1	13 2	2 57	20 1	2 22	22 16	0 4	16 18	0 47	15 29	1 15	22 22	0 30	W 18
T 19	20 59	22 3	4 37	12 47	3 11	20 12	2 19	22 22	0 3	16 14	0 47	15 26	1 15	22 22	0 30	T 19
F 20	20 48	18 18	5 0	12 34	3 24	20 22	2 17	22 28	0 2	16 10	0 47	15 24	1 15	22 22	0 30	F 20
S 21	20 37	13 33	5 6	12 23	3 37	20 31	2 14	22 33	0 2	16 7	0 47	15 22	1 15	22 23	0 30	S 21
S 22	20 25	8 5	4 55	12 14	3 50	20 41	2 12	22 39	0 1	16 3	0 47	15 20	1 15	22 23	0 30	S 22
M 23	20 13	2 10	4 27	12 7	4 1	20 49	2 9	22 44	0 0	15 59	0 47	15 17	1 15	22 24	0 30	M 23
T 24	20 1	3n56	3 43	12 2	4 12	20 57	2 6	22 49	0n 1	15 55	0 47	15 15	1 15	22 24	0 30	T 24
W 25	19 48	9 54	2 46	12 0	4 22	21 5	2 3	22 53	0 1	15 51	0 47	15 12	1 15	22 24	0 30	W 25
T 26	19 35	15 24	1 37	11 59	4 31	21 12	2 1	22 58	0 2	15 47	0 47	15 10	1 15	22 25	0 30	T 26
F 27	19 22	20 5	0 23	12 1	4 39	21 19	1 58	23 2	0 3	15 43	0 47	15 8	1 15	22 25	0 30	F 27
S 28	19 8	23 35	0n54	12 5	4 45	21 25	1 55	23 6	0 4	15 39	0 47	15 5	1 15	22 25	0 30	S 28
S 29	18 55	25 35	2 6	12 12	4 50	21 31	1 52	23 10	0 5	15 35	0 47	15 3	1 15	22 26	0 30	S 29
M 30	18 40	25 54	3 11	12 20	4 53	21 36	1 49	23 14	0 5	15 31	0 47	15 1	1 15	22 26	0 30	M 30
T 31	18n26	24n32	4n 3	12n31	4s55	21n41	1s46	23n18	0n 6	15n27	0n47	14n58	1n15	22s26	0s30	T 31

Julian Day Number = 2357493.5, Delta T = 13.90 sec
 Ecliptic obliquity = 23°28'25", Nutation = - 0°00'15", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°08'43", Lahiri = 20°15'44"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1742
geocentric

AUGUST 1742

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 37 36	8♌25°42	11♌55	11°R 9	28♏33	22♏ 0	20♏39	23♏22	20°R15	10♏39	11♏12	5°R 4	3♏48	19♏ 7	10♏ 9	W 1
T 2	20 41 33	9°23'11	25°29	10♏23	29°41	22°41	20°52	23°30	20♏13	10°41	11°12	4♏54	3°44	19°14	10°15	T 2
F 3	20 45 30	10°20'42	8♏44	9°36	0♏50	23°21	21° 5	23°37	20°11	10°43	11°12	4°43	3°41	19°21	10°20	F 3
S 4	20 49 26	11°18'13	21°38	8°51	1°59	24° 1	21°18	23°45	20° 8	10°45	11°13	4°34	3°38	19°27	10°26	S 4
S 5	20 53 23	12°15'45	4♏12	8° 8	3° 8	24°40	21°31	23°52	20° 6	10°47	11°13	4°26	3°35	19°34	10°32	S 5
M 6	20 57 19	13°13'17	16°29	7°27	4°17	25°20	21°44	24° 0	20° 4	10°49	11°14	4°20	3°32	19°41	10°37	M 6
T 7	21 1 16	14°10'51	28°32	6°50	5°26	26° 0	21°57	24° 7	20° 2	10°51	11°14	4°17	3°29	19°47	10°43	T 7
W 8	21 5 12	15° 8'26	10♏25	6°18	6°36	26°40	22°10	24°15	20° 0	10°53	11°15	4°D16	3°25	19°54	10°49	W 8
T 9	21 9 9	16° 6'01	22°14	5°51	7°45	27°19	22°23	24°22	19°58	10°54	11°16	4°16	3°22	20° 1	10°54	T 9
F 10	21 13 5	17° 3'38	4♏ 4	5°29	8°54	27°59	22°36	24°30	19°56	10°56	11°16	4°R16	3°19	20° 7	11° 0	F 10
S 11	21 17 2	18° 1'15	16° 0	5°14	10° 4	28°38	22°49	24°38	19°54	10°58	11°17	4°16	3°16	20°14	11° 5	S 11
S 12	21 20 58	18°58'54	28° 8	5° 5	11°14	29°17	23° 3	24°45	19°52	11° 0	11°17	4°14	3°13	20°21	11°11	S 12
M13	21 24 55	19°56'34	10♏32	5°D 3	12°24	29°57	23°16	24°53	19°50	11° 2	11°18	4° 9	3°10	20°27	11°16	M13
T 14	21 28 52	20°54'15	23°14	5° 9	13°34	0♏36	23°29	25° 1	19°48	11° 4	11°19	4° 2	3° 6	20°34	11°22	T 14
W15	21 32 48	21°51'57	6♏16	5°22	14°44	1°15	23°42	25° 8	19°46	11° 6	11°20	3°52	3° 3	20°40	11°27	W15
T 16	21 36 45	22°49'40	19°38	5°42	15°54	1°54	23°55	25°16	19°44	11° 7	11°21	3°41	3° 0	20°47	11°32	T 16
F 17	21 40 41	23°47'24	3♏18	6°11	17° 4	2°33	24° 8	25°23	19°42	11° 9	11°21	3°29	2°57	20°54	11°37	F 17
S 18	21 44 38	24°45'10	17°12	6°46	18°14	3°12	24°21	25°31	19°40	11°11	11°22	3°17	2°54	21° 0	11°43	S 18
S 19	21 48 34	25°42'58	1°V17	7°29	19°25	3°51	24°34	25°39	19°38	11°13	11°23	3° 8	2°50	21° 7	11°48	S 19
M20	21 52 31	26°40'47	15°28	8°19	20°35	4°29	24°47	25°46	19°37	11°14	11°24	3° 1	2°47	21°14	11°53	M20
T 21	21 56 27	27°38'38	29°41	9°16	21°46	5° 8	25° 0	25°54	19°35	11°16	11°25	2°56	2°44	21°20	11°58	T 21
W22	22 0 24	28°36'30	13♏52	10°20	22°57	5°46	25°13	26° 2	19°33	11°18	11°26	2°54	2°41	21°27	12° 3	W22
T 23	22 4 21	29°34'25	28° 1	11°31	24° 7	6°25	25°27	26° 9	19°32	11°19	11°27	2°54	2°38	21°34	12° 8	T 23
F 24	22 8 17	0♏32'22	12♏ 6	12°47	25°18	7° 3	25°40	26°17	19°30	11°21	11°28	2°54	2°35	21°40	12°13	F 24
S 25	22 12 14	1°30'20	26° 5	14° 9	26°29	7°42	25°53	26°25	19°28	11°22	11°30	2°53	2°31	21°47	12°18	S 25
S 26	22 16 10	2°28'20	10♏ 0	15°36	27°40	8°20	26° 6	26°32	19°27	11°24	11°31	2°50	2°28	21°54	12°23	S 26
M27	22 20 7	3°26'22	23°47	17° 9	28°52	8°58	26°19	26°40	19°25	11°25	11°32	2°44	2°25	22° 0	12°27	M27
T 28	22 24 3	4°24'26	7♏26	18°45	0♏ 3	9°36	26°32	26°47	19°24	11°27	11°33	2°35	2°22	22° 7	12°32	T 28
W29	22 28 0	5°22'32	20°53	20°26	1°14	10°14	26°45	26°55	19°22	11°28	11°34	2°24	2°19	22°14	12°37	W29
T 30	22 31 56	6°20'39	4♏ 8	22° 9	2°26	10°52	26°58	27° 3	19°21	11°30	11°36	2°11	2°15	22°20	12°41	T 30
F 31	22 35 53	7♏18'48	17♏ 7	23♏56	3♏37	11♏30	27♏11	27♏10	19♏19	11♏31	11♏37	1♏58	2♏12	22♏27	12♏46	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
W 1	18n11	21n42	4n39	12n44	4s54	21n45	1s43	23n21	0n 7	15n23	0n47	14n56	1n15	22s27	0s30	22n12
T 2	17 56	17 44	4 59	12 58	4 52	21 49	1 40	23 24	0 8	15 18	0 47	14 53	1 15	22 27	0 30	22 12
F 3	17 40	12 59	5 2	13 14	4 49	21 52	1 37	23 27	0 9	15 14	0 47	14 51	1 15	22 27	0 30	22 12
S 4	17 25	7 46	4 50	13 31	4 43	21 54	1 33	23 30	0 9	15 10	0 47	14 48	1 15	22 28	0 30	22 11
S 5	17 9	2 22	4 24	13 49	4 35	21 56	1 30	23 32	0 10	15 6	0 48	14 46	1 15	22 28	0 30	22 11
M 6	16 52	3s 1	3 46	14 8	4 26	21 57	1 27	23 35	0 11	15 2	0 48	14 43	1 15	22 28	0 30	22 11
T 7	16 36	8 11	2 58	14 28	4 16	21 58	1 24	23 37	0 12	14 58	0 48	14 41	1 15	22 29	0 30	22 11
W 8	16 19	13 1	2 3	14 48	4 3	21 58	1 20	23 39	0 13	14 54	0 48	14 38	1 15	22 29	0 30	22 11
T 9	16 2	17 20	1 4	15 7	3 50	21 58	1 17	23 40	0 14	14 49	0 48	14 36	1 15	22 29	0 30	22 11
F 10	15 45	20 58	0 1	15 27	3 35	21 57	1 14	23 42	0 14	14 45	0 48	14 33	1 15	22 30	0 30	22 10
S 11	15 27	23 46	1s 2	15 45	3 20	21 55	1 10	23 43	0 15	14 41	0 48	14 31	1 15	22 30	0 30	22 10
S 12	15 9	25 31	2 3	16 3	3 4	21 53	1 7	23 44	0 16	14 37	0 48	14 28	1 15	22 30	0 30	22 10
M13	14 51	26 2	3 0	16 20	2 47	21 50	1 4	23 45	0 17	14 32	0 48	14 26	1 16	22 30	0 30	22 10
T 14	14 33	25 14	3 49	16 35	2 30	21 47	1 0	23 46	0 18	14 28	0 48	14 23	1 16	22 31	0 30	22 10
W15	14 14	23 3	4 27	16 49	2 12	21 43	0 57	23 47	0 19	14 24	0 48	14 21	1 16	22 31	0 30	22 10
T 16	13 56	19 34	4 52	17 1	1 55	21 38	0 53	23 47	0 20	14 20	0 48	14 18	1 16	22 31	0 30	22 10
F 17	13 37	14 59	5 1	17 11	1 37	21 33	0 50	23 47	0 20	14 15	0 48	14 16	1 16	22 31	0 30	22 9
S 18	13 17	9 32	4 52	17 19	1 20	21 28	0 47	23 47	0 21	14 11	0 48	14 13	1 16	22 32	0 30	22 9
S 19	12 58	3 33	4 26	17 25	1 3	21 21	0 43	23 47	0 22	14 7	0 48	14 11	1 16	22 32	0 30	22 9
M20	12 38	2n40	3 43	17 28	0 46	21 14	0 40	23 47	0 23	14 2	0 48	14 8	1 16	22 32	0 30	22 9
T 21	12 19	8 47	2 46	17 28	0 30	21 7	0 36	23 46	0 24	13 58	0 48	14 6	1 16	22 32	0 30	22 9
W22	11 58	14 27	1 39	17 26	0 15	20 59	0 33	23 46	0 25	13 54	0 49	14 3	1 16	22 33	0 30	22 9
T 23	11 38	19 20	0 26	17 21	0 0	20 50	0 30	23 45	0 26	13 49	0 49	14 1	1 16	22 33	0 30	22 8
F 24	11 18	23 4	0n48	17 13	0n13	20 41	0 26	23 44	0 26	13 45	0 49	13 58	1 16	22 33	0 30	22 8
S 25	10 57	25 24	1 59	17 2	0 26	20 31	0 23	23 42	0 27	13 41	0 49	13 56	1 16	22 33	0 30	22 8
S 26	10 37	26 8	3 3	16 48	0 39	20 20	0 20	23 41	0 28	13 36	0 49	13 53	1 16	22 34	0 30	22 8
M27	10 16	25 13	3 54	16 31	0 50	20 9	0 16	23 39	0 29	13 32	0 49	13 51	1 17	22 34	0 30	22 8
T 28	9 54	22 49	4 32	16 10	1 0	19 57	0 13	23 37	0 30	13 27	0 49	13 48	1 17	22 34	0 30	22 8
W29	9 33	19 12	4 54	15 47	1 9	19 45	0 10	23 36	0 31	13 23	0 49	13 46	1 17	22 34	0 30	22 8
T 30	9 12	14 40	5 0	15 22	1 17	19 32	0 7	23 33	0 32	13 19	0 49	13 43	1 17	22 34	0 30	22 7
F 31	8n50	9n33	4n50	14n53	1n24	19n19	0s 3	23n31	0n33	13n14	0n49	13n41	1n17	22s35	0s30	22n 7

Julian Day Number = 2357524.5, Delta T = 13.92 sec
Ecliptic obliquity = 23°28'26", Nutation = - 0°00'14", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°08'48", Lahiri = 20°15'48"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1742
geocentric

SEPTEMBER 1742

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 39 50	8♍16'59	29♍50	25♍45	4♍49	12♍7	27♍24	27♍18	19°R18	11♍33	11♍38	1°R46	2♍9	22♍33	12♍50	S 1
S 2	22 43 46	9°15'11	12♍16	27°36	6°1	12°45	27°37	27°25	19♍17	11°34	11°40	1♍36	2°6	22°40	12°55	S 2
M 3	22 47 43	10°13'25	24°28	29°28	7°12	13°22	27°50	27°33	19°16	11°35	11°41	1°29	2°3	22°47	12°59	M 3
T 4	22 51 39	11°11'40	6♍28	1♍22	8°24	14°0	28°3	27°40	19°14	11°37	11°42	1°24	2°0	22°53	13°3	T 4
W 5	22 55 36	12°9'57	18°19	3°16	9°36	14°37	28°16	27°48	19°13	11°38	11°44	1°22	1°56	23°0	13°8	W 5
T 6	22 59 32	13°8'16	0♍7	5°11	10°48	15°14	28°28	27°55	19°12	11°39	11°45	1°D21	1°53	23°7	13°12	T 6
F 7	23 3 29	14°6'36	11°56	7°6	12°0	15°51	28°41	28°3	19°11	11°41	11°47	1°R21	1°50	23°13	13°16	F 7
S 8	23 7 25	15°4'58	23°52	9°1	13°12	16°28	28°54	28°10	19°10	11°42	11°48	1°21	1°47	23°20	13°20	S 8
S 9	23 11 22	16°3'21	6♍1	10°55	14°24	17°5	29°7	28°18	19°9	11°43	11°50	1°19	1°44	23°27	13°24	S 9
M10	23 15 19	17°1'46	18°26	12°50	15°37	17°42	29°20	28°25	19°8	11°44	11°51	1°15	1°41	23°33	13°28	M10
T 11	23 19 15	18°0'13	1♍14	14°43	16°49	18°19	29°32	28°32	19°7	11°45	11°53	1°9	1°37	23°40	13°32	T 11
W12	23 23 12	18°58'41	14°25	16°36	18°2	18°55	29°45	28°40	19°6	11°46	11°55	1°0	1°34	23°47	13°35	W12
T 13	23 27 8	19°57'11	28°0	18°29	19°14	19°32	29°58	28°47	19°6	11°47	11°56	0°50	1°31	23°53	13°39	T 13
F 14	23 31 5	20°55'43	12♍1	20°20	20°27	20°8	0♍11	28°54	19°5	11°49	11°58	0°39	1°28	24°0	13°43	F 14
S 15	23 35 1	21°54'16	26°18	22°11	21°39	20°45	0°23	29°2	19°4	11°50	12°0	0°29	1°25	24°7	13°46	S 15
S 16	23 38 58	22°52'52	10♍49	24°1	22°52	21°21	0°36	29°9	19°4	11°51	12°1	0°20	1°21	24°13	13°50	S 16
M17	23 42 54	23°51'29	25°25	25°49	24°5	21°57	0°48	29°16	19°3	11°51	12°3	0°13	1°18	24°20	13°53	M17
T 18	23 46 51	24°50'09	10♍1	27°37	25°18	22°33	1°1	29°23	19°2	11°52	12°5	0°9	1°15	24°26	13°56	T 18
W19	23 50 48	25°48'51	24°31	29°24	26°31	23°9	1°13	29°30	19°2	11°53	12°7	0°D 8	1°12	24°33	14°0	W19
T 20	23 54 44	26°47'35	8♍51	1♍10	27°44	23°45	1°26	29°37	19°1	11°54	12°9	0°8	1°9	24°40	14°3	T 20
F 21	23 58 41	27°46'22	22°58	2°55	28°57	24°20	1°38	29°44	19°1	11°55	12°11	0°R 8	1°6	24°46	14°6	F 21
S 22	0 2 37	28°45'11	6♍53	4°39	0♍10	24°56	1°50	29°52	19°1	11°56	12°12	0°8	1°2	24°53	14°9	S 22
S 23	0 6 34	29°44'02	20°34	6°22	1°23	25°31	2°3	29°59	19°0	11°57	12°14	0°6	0°59	25°0	14°12	S 23
M24	0 10 30	0♍42'55	4♍4	8°4	2°36	26°7	2°15	0♍5	19°0	11°57	12°16	0°2	0°56	25°6	14°15	M24
T 25	0 14 27	1°41'51	17°21	9°45	3°50	26°42	2°27	0°12	19°0	11°58	12°18	29♍55	0°53	25°13	14°18	T 25
W26	0 18 23	2°40'49	0♍25	11°26	5°3	27°17	2°39	0°19	19°0	11°59	12°20	29°46	0°50	25°20	14°20	W26
T 27	0 22 20	3°39'49	13°18	13°5	6°17	27°52	2°51	0°26	19°0	11°59	12°22	29°36	0°47	25°26	14°23	T 27
F 28	0 26 17	4°38'51	25°58	14°44	7°30	28°27	3°4	0°33	19°0	12°0	12°24	29°26	0°43	25°33	14°26	F 28
S 29	0 30 13	5°37'55	8♍25	16°21	8°44	29°2	3°16	0°40	19°D 0	12°0	12°26	29°16	0°40	25°40	14°28	S 29
S 30	0 34 10	6♍37'01	20♍40	17♍58	9♍57	29♍36	3♍28	0♍46	19♍0	12♍1	12♍28	29♍8	0♍37	25♍46	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
S 1	8n29	4n 8	4n26	14n22	1n30	19n 5	0s 0	23n29	0n34	13n10	0n49	13n38	1n17	22s35	0s30	22n 7	0s51	0s51	15n12	20n33	20n37	17s36	16n32	6s21	
S 2	8 7	1s21	3 49	13 49	1 36	18 51	0n 3	23 26	0 35	13 6	0 49	13 36	1 17	22 35	0 30	22 7	0 51	0 52	15 12	20 31	20 37	17 39	16 31	6 21	
M 3	7 45	6 40	3 2	13 14	1 40	18 36	0 6	23 23	0 35	13 1	0 49	13 33	1 17	22 35	0 30	22 7	0 51	0 53	15 11	20 29	20 36	17 41	16 31	6 22	
T 4	7 23	11 41	2 8	12 37	1 43	18 20	0 9	23 20	0 36	12 57	0 50	13 31	1 17	22 35	0 30	22 7	0 51	0 54	15 11	20 28	20 35	17 44	16 30	6 22	
W 5	7 0	16 13	1 9	11 58	1 46	18 4	0 12	23 17	0 37	12 52	0 50	13 28	1 17	22 35	0 30	22 7	0 51	0 54	15 10	20 28	20 35	17 46	16 29	6 23	
T 6	6 38	20 6	0 7	11 17	1 47	17 48	0 15	23 14	0 38	12 48	0 50	13 26	1 18	22 36	0 30	22 7	0 51	0 55	15 10	20 28	20 34	17 49	16 28	6 23	
F 7	6 16	23 11	0s56	10 35	1 48	17 31	0 18	23 11	0 39	12 44	0 50	13 23	1 18	22 36	0 30	22 6	0 51	0 56	15 9	20 28	20 34	17 51	16 27	6 24	
S 8	5 53	25 16	1 57	9 52	1 48	17 13	0 21	23 7	0 40	12 39	0 50	13 21	1 18	22 36	0 30	22 6	0 51	0 57	15 9	20 28	20 33	17 54	16 26	6 24	
S 9	5 30	26 13	2 53	9 8	1 48	16 55	0 24	23 3	0 41	12 35	0 50	13 18	1 18	22 36	0 30	22 6	0 51	0 58	15 8	20 27	20 32	17 56	16 25	6 25	
M10	5 8	25 53	3 43	8 23	1 46	16 37	0 27	23 0	0 42	12 30	0 50	13 16	1 18	22 36	0 30	22 6	0 51	0 59	15 8	20 26	20 32	17 59	16 24	6 25	
T 11	4 45	24 11	4 23	7 38	1 44	16 18	0 30	22 56	0 43	12 26	0 50	13 13	1 18	22 36	0 30	22 6	0 51	1 0	15 7	20 25	20 31	18 1	16 23	6 26	
W12	4 22	21 9	4 50	6 52	1 42	15 58	0 33	22 52	0 44	12 22	0 50	13 11	1 18	22 36	0 30	22 6	0 51	1 1	15 7	20 23	20 30	18 4	16 22	6 27	
T 13	3 59	16 54	5 2	6 5	1 39	15 38	0 35	22 47	0 45	12 17	0 50	13 8	1 18	22 36	0 30	22 6	0 51	1 2	15 7	20 21	20 30	18 6	16 21	6 27	
F 14	3 36	11 38	4 57	5 18	1 36	15 18	0 38	22 43	0 46	12 13	0 51	13 6	1 18	22 36	0 30	22 6	0 51	1 3	15 6	20 19	20 29	18 9	16 20	6 28	
S 15	3 13	5 38	4 33	4 31	1 32	14 57	0 41	22 38	0 47	12 9	0 51	13 3	1 19	22 37	0 30	22 6	0 51	1 3	15 6	20 17	20 28	18 11	16 19	6 28	
S 16	2 50	0n45	3 51	3 44	1 28	14 36	0 43	22 34	0 48	12 4	0 51	13 1	1 19	22 37	0 30	22 5	0 52	1 4	15 5	20 15	20 28	18 14	16 18	6 29	
M17	2 27	7 9	2 54	2 56	1 23	14 14	0 46	22 29	0 49	12 0	0 51	12 59	1 19	22 37	0 30	22 5	0 52	1 5	15 5	20 14	20 27	18 16	16 17	6 29	
T 18	2 3	13 11	1 45	2 9	1 18	13 52	0 48	22 24	0 50	11 55	0 51	12 56	1 19	22 37	0 30	22 5	0 52	1 6	15 4	20 13	20 26	18 19	16 17	6 30	
W19	1 40	18 27	0 30	1 21	1 13	13 30	0 51	22 19	0 51	11 51	0 51	12 54	1 19	22 37	0 30	22 5	0 52	1 7	15 4	20 12	20 26	18 21	16 16	6 31	
T 20	1 17	22 34	0n46	0 34	1 8	13 7	0 53	22 14	0 52	11 47	0 51	12 51	1 19	22 37	0 30	22 5	0 52	1 8	15 4	20 12	20 25	18 24	16 15	6 31	
F 21	0 53	25 16	1 59	0s13	1 2	12 43	0 55	22 9	0 53	11 43	0 51	12 49	1 19	22 37	0 30	22 5	0 52	1 9	15 3	20 13	20 24	18 26	16 14	6 32	
S 22	0 30	26 21	3 3	0 59	0 56	12 20	0 58	22 3	0 54	11 38	0 51	12 47	1 19	22 37	0 30	22 5	0 52	1 10	15 3	20 12	20 24	18 29	16 13	6 33	
S 23	0 6	25 47	3 56	1 46	0 50	11 56	1 0	21 58	0 55	11 34	0 52	12 44	1 20	22 37	0 30	22 5	0 52	1 11	15 2	20 12	20 23	18 31	16 12	6 33	
M24	0s17	23 43	4 35	2 32	0 44	11 31	1 2	21 52	0 56	11 30	0 52	12 42	1 20	22 37	0 30	22 5	0 52	1 12	15 2	20 11	20 23	18 34	16 11	6 34	
T 25	0 41	20 23	4 58	3 18	0 37	11 7	1 4	21 46	0 57	11 25	0 52	12 40	1 20	22 37	0 30	22 5	0 52	1 13	15 2	20 10	20 22	18 36	16 10	6 34	
W26	1 4	16 5	5 5	4 3	0 31	10 42	1 6	21 40	0 58	11 21	0 52	12 37	1 20	22 37	0 30	22 5	0 52	1 14	15 1	20 8	20 21	18 39	16 9	6 35	
T 27	1 27	11 8	4 56	4 48	0 24	10 16	1 8	21 35	0 59	11 17	0 52	12 35	1 20	22 37	0 30	22 4	0 52	1 14	15 1	20 6	20 21	18 41	16 8	6 36	
F 28	1 51	5 47	4 33	5 33	0 17	9 51	1 10	21 29	1 0	11 13	0 52	12 33	1 20	22 37	0 30	22 4	0 52	1 15	15 1	20 4	20 20	18 43	16 7	6 36	
S 29	2 14	0 18	3 58	6 17	0 10	9 25	1 12	21 22	1 1	11 8	0 52	12 30	1 20	22 37	0 30	22 4	0 52	1 16	15 0	20 1	20 19	18 46	16 6	6 37	
S 30	2s38	5s 8	3n11	7s 0	0n 3	8n59	1n13	21n16	1n 2	11n 4	0n53	12n28	1n21	22s37	0s30	22n 4	0s52	1s17	15n 0	20n 0	20n19	18s48	16n 6	6s38	

ASTRODIENST EPHEMERIS for the year 1742

geocentric

OCTOBER 1742

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 38 6	7♂36'10	2♂44	19♂34	11♂11	0♂11	3♂39	0♂53	19♂0	12♂2	12♂30	29♂R 3	0♂34	25♂53	14♂33	M 1
T 2	0 42 3	8°35'20	14°38	21° 9	12°25	0°45	3°51	1° 0	19° 0	12° 2	12°32	28♂59	0°31	25°59	14°35	T 2
W 3	0 45 59	9°34'32	26°27	22°44	13°39	1°20	4° 3	1° 6	19° 0	12° 2	12°35	28°D58	0°27	26° 6	14°37	W 3
T 4	0 49 56	10°33'46	8♂13	24°17	14°52	1°54	4°15	1°13	19° 0	12° 3	12°37	28°58	0°24	26°13	14°39	T 4
F 5	0 53 52	11°33'02	20° 1	25°50	16° 6	2°28	4°26	1°19	19° 1	12° 3	12°39	29° 0	0°21	26°19	14°41	F 5
S 6	0 57 49	12°32'19	1♂55	27°22	17°20	3° 1	4°38	1°26	19° 1	12° 4	12°41	29° 1	0°18	26°26	14°43	S 6
S 7	1 1 45	13°31'39	14° 2	28°54	18°34	3°35	4°50	1°32	19° 1	12° 4	12°43	29°R 1	0°15	26°33	14°45	S 7
M 8	1 5 42	14°31'00	26°25	0♂24	19°48	4° 9	5° 1	1°38	19° 2	12° 4	12°45	29° 1	0°12	26°39	14°47	M 8
T 9	1 9 39	15°30'23	9♂11	1°54	21° 2	4°42	5°12	1°45	19° 2	12° 4	12°47	28°58	0° 8	26°46	14°48	T 9
W10	1 13 35	16°29'48	22°22	3°23	22°16	5°16	5°24	1°51	19° 3	12° 5	12°50	28°54	0° 5	26°53	14°50	W10
T 11	1 17 32	17°29'14	6♂0	4°52	23°31	5°49	5°35	1°57	19° 4	12° 5	12°52	28°48	0° 2	26°59	14°51	T 11
F 12	1 21 28	18°28'43	20° 6	6°19	24°45	6°22	5°46	2° 3	19° 4	12° 5	12°54	28°41	29♂59	27° 6	14°53	F 12
S 13	1 25 25	19°28'13	4♂36	7°46	25°59	6°55	5°57	2° 9	19° 5	12° 5	12°56	28°35	29°56	27°13	14°54	S 13
S 14	1 29 21	20°27'45	19°24	9°12	27°13	7°27	6° 8	2°15	19° 6	12° 5	12°59	28°30	29°52	27°19	14°55	S 14
M15	1 33 18	21°27'19	4♂22	10°38	28°28	8° 0	6°19	2°21	19° 6	12°R 5	13° 1	28°26	29°49	27°26	14°56	M15
T 16	1 37 14	22°26'55	19°22	12° 2	29°42	8°32	6°30	2°27	19° 7	12° 5	13° 3	28°24	29°46	27°33	14°57	T 16
W17	1 41 11	23°26'34	4♂15	13°26	0♂57	9° 5	6°41	2°32	19° 8	12° 5	13° 6	28°D24	29°43	27°39	14°58	W17
T 18	1 45 8	24°26'14	18°54	14°48	2°11	9°37	6°52	2°38	19° 9	12° 5	13° 8	28°25	29°40	27°46	14°59	T 18
F 19	1 49 4	25°25'57	3♂16	16°10	3°26	10° 9	7° 2	2°44	19°10	12° 5	13°10	28°27	29°37	27°52	15° 0	F 19
S 20	1 53 1	26°25'43	17°18	17°31	4°40	10°40	7°13	2°49	19°11	12° 5	13°13	28°28	29°33	27°59	15° 0	S 20
S 21	1 56 57	27°25'30	0♂59	18°51	5°55	11°12	7°23	2°55	19°12	12° 5	13°15	28°R28	29°30	28° 6	15° 1	S 21
M22	2 0 54	28°25'20	14°21	20° 9	7° 9	11°43	7°34	3° 0	19°14	12° 4	13°17	28°27	29°27	28°12	15° 1	M22
T 23	2 4 50	29°25'12	27°25	21°27	8°24	12°15	7°44	3° 6	19°15	12° 4	13°20	28°25	29°24	28°19	15° 2	T 23
W24	2 8 47	0♂25'06	10♂14	22°43	9°39	12°46	7°54	3°11	19°16	12° 4	13°22	28°21	29°21	28°26	15° 2	W24
T 25	2 12 43	1°25'03	22°48	23°57	10°54	13°17	8° 4	3°16	19°17	12° 4	13°24	28°16	29°18	28°32	15° 2	T 25
F 26	2 16 40	2°25'01	5♂10	25°10	12° 8	13°47	8°14	3°21	19°19	12° 3	13°27	28°12	29°14	28°39	15°R 2	F 26
S 27	2 20 37	3°25'01	17°21	26°21	13°23	14°18	8°24	3°26	19°20	12° 3	13°29	28° 8	29°11	28°46	15° 2	S 27
S 28	2 24 33	4°25'04	29°24	27°31	14°38	14°48	8°34	3°31	19°22	12° 2	13°32	28° 4	29° 8	28°52	15° 2	S 28
M29	2 28 30	5°25'08	11♂19	28°38	15°53	15°19	8°44	3°36	19°23	12° 2	13°34	28° 2	29° 5	28°59	15° 2	M29
T 30	2 32 26	6°25'14	23° 9	29°43	17° 8	15°49	8°53	3°41	19°25	12° 1	13°36	28°D 1	29° 2	29° 6	15° 1	T 30
W31	2 36 23	7♂25'22	4♂56	0♂45	18♂23	16♂18	9♂3	3♂46	19♂26	12♂1	13♂39	28♂1	28♂58	29♂12	15♂1	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	3s 1	10s18	2n17	7s43	0s 4	8n32	1n15	21n10	1n 3	11n 0	0n53	12n26	1n21	22s37	0s30	22n 4
T 2	3 25	15 2	1 17	8 26	0 11	8 6	1 17	21 3	1 4	10 56	0 53	12 24	1 21	22 37	0 30	22 4
W 3	3 48	19 10	0 14	9 8	0 18	7 39	1 18	20 57	1 5	10 52	0 53	12 22	1 21	22 37	0 30	22 4
T 4	4 11	22 32	0s50	9 49	0 25	7 11	1 20	20 50	1 6	10 47	0 53	12 19	1 21	22 37	0 30	22 4
F 5	4 34	24 57	1 51	10 29	0 32	6 44	1 21	20 44	1 7	10 43	0 53	12 17	1 21	22 37	0 30	22 4
S 6	4 58	26 17	2 49	11 9	0 39	6 16	1 22	20 37	1 8	10 39	0 53	12 15	1 21	22 37	0 30	22 4
S 7	5 21	26 23	3 40	11 49	0 46	5 49	1 24	20 30	1 9	10 35	0 54	12 13	1 22	22 37	0 29	22 4
M 8	5 44	25 11	4 22	12 27	0 53	5 21	1 25	20 23	1 10	10 31	0 54	12 11	1 22	22 36	0 29	22 4
T 9	6 7	22 40	4 52	13 5	1 0	4 52	1 26	20 16	1 11	10 27	0 54	12 9	1 22	22 36	0 29	22 4
W10	6 30	18 56	5 8	13 43	1 7	4 24	1 27	20 9	1 12	10 23	0 54	12 7	1 22	22 36	0 29	22 4
T 11	6 52	14 5	5 8	14 19	1 14	3 56	1 28	20 2	1 14	10 19	0 54	12 5	1 22	22 36	0 29	22 4
F 12	7 15	8 21	4 49	14 55	1 20	3 27	1 29	19 55	1 15	10 15	0 54	12 3	1 22	22 36	0 29	22 4
S 13	7 38	2 1	4 11	15 29	1 27	2 58	1 30	19 48	1 16	10 11	0 54	12 1	1 23	22 36	0 29	22 4
S 14	8 0	4n34	3 16	16 3	1 33	2 29	1 30	19 40	1 17	10 7	0 55	11 59	1 23	22 36	0 29	22 4
M15	8 23	11 0	2 7	16 37	1 40	2 0	1 31	19 33	1 18	10 3	0 55	11 57	1 23	22 36	0 29	22 4
T 16	8 45	16 48	0 49	17 9	1 46	1 31	1 32	19 26	1 19	9 59	0 55	11 55	1 23	22 36	0 29	22 4
W17	9 7	21 33	0n32	17 40	1 52	1 2	1 32	19 18	1 20	9 55	0 55	11 53	1 23	22 35	0 29	22 4
T 18	9 29	24 50	1 50	18 11	1 58	0 33	1 33	19 11	1 22	9 52	0 55	11 51	1 24	22 35	0 29	22 4
F 19	9 51	26 25	2 59	18 40	2 4	0 4	1 33	19 3	1 23	9 48	0 55	11 49	1 24	22 35	0 29	22 4
S 20	10 13	26 15	3 56	19 9	2 9	0s26	1 33	18 56	1 24	9 44	0 56	11 47	1 24	22 35	0 29	22 4
S 21	10 34	24 29	4 38	19 36	2 14	0 55	1 34	18 48	1 25	9 40	0 56	11 45	1 24	22 35	0 29	22 4
M22	10 56	21 23	5 4	20 3	2 19	1 25	1 34	18 41	1 26	9 37	0 56	11 44	1 24	22 35	0 29	22 4
T 23	11 17	17 17	5 13	20 28	2 24	1 54	1 34	18 33	1 27	9 33	0 56	11 42	1 25	22 34	0 29	22 4
W24	11 38	12 28	5 7	20 52	2 28	2 23	1 34	18 25	1 29	9 29	0 56	11 40	1 25	22 34	0 29	22 4
T 25	11 59	7 14	4 45	21 15	2 33	2 53	1 34	18 18	1 30	9 26	0 57	11 38	1 25	22 34	0 29	22 4
F 26	12 20	1 47	4 11	21 37	2 36	3 22	1 34	18 10	1 31	9 22	0 57	11 37	1 25	22 34	0 29	22 4
S 27	12 40	3s40	3 25	21 57	2 40	3 51	1 33	18 2	1 32	9 19	0 57	11 35	1 25	22 34	0 29	22 4
S 28	13 1	8 55	2 31	22 16	2 43	4 21	1 33	17 54	1 34	9 15	0 57	11 34	1 25	22 33	0 29	22 4
M29	13 21	13 49	1 31	22 34	2 45	4 50	1 33	17 47	1 35	9 12	0 57	11 32	1 26	22 33	0 29	22 4
T 30	13 41	18 9	0 27	22 50	2 47	5 19	1 32	17 39	1 36	9 8	0 57	11 30	1 26	22 33	0 29	22 4
W31	14s 1	21s47	0s38	23s 5	2s48	5s48	1n32	17n31	1n37	9n 5	0n58	11n29	1n26	22s33	0s29	22n 4

Julian Day Number = 2357585.5, Delta T = 13.97 sec
 Ecliptic obliquity = 23°28'27", Nutation = - 0°00'15", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°08'56", Lahiri = 20°15'56"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1742
geocentric

NOVEMBER 1742

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 19	8♍25'32	16♌42	1♌44	19♊38	16♏48	9♍12	3♍50	19♌28	12°R 0	13♍41	28♌2	28♌55	29♍19	15°R 0	T 1
F 2	2 44 16	9°25'44	28°31	2°40	20°53	17°17	9°21	3°55	19°29	12°S 0	13°44	28°3	28°52	29°25	15°S 0	F 2
S 3	2 48 12	10°25'57	10♌27	3°32	22°8	17°46	9°31	3°59	19°31	11°59	13°46	28°5	28°49	29°32	14°59	S 3
S 4	2 52 9	11°26'11	22°33	4°20	23°23	18°15	9°40	4°4	19°33	11°59	13°49	28°6	28°46	29°39	14°58	S 4
M 5	2 56 6	12°26'27	4♌54	5°4	24°38	18°44	9°49	4°8	19°35	11°58	13°51	28°7	28°43	29°45	14°58	M 5
T 6	3 0 2	13°26'45	17°34	5°42	25°53	19°12	9°57	4°12	19°37	11°57	13°53	28°R 7	28°39	29°52	14°57	T 6
W 7	3 3 59	14°27'04	0♌38	6°15	27°8	19°41	10°6	4°16	19°39	11°57	13°56	28°7	28°36	29°59	14°56	W 7
T 8	3 7 55	15°27'24	14°8	6°41	28°23	20°9	10°15	4°20	19°41	11°56	13°58	28°6	28°33	0♌5	14°54	T 8
F 9	3 11 52	16°27'46	28°7	7°0	29°38	20°36	10°23	4°24	19°43	11°55	14°1	28°4	28°30	0°12	14°53	F 9
S 10	3 15 48	17°28'09	12♍32	7°11	0♍53	21°4	10°31	4°28	19°45	11°54	14°3	28°3	28°27	0°19	14°52	S 10
S 11	3 19 45	18°28'34	27°21	7°R13	2°8	21°31	10°40	4°32	19°47	11°53	14°5	28°2	28°24	0°25	14°50	S 11
M12	3 23 41	19°29'00	12♌26	7°7	3°24	21°58	10°48	4°36	19°49	11°52	14°8	28°1	28°20	0°32	14°49	M12
T 13	3 27 38	20°29'27	27°40	6°50	4°39	22°25	10°56	4°39	19°51	11°52	14°10	28°D 1	28°17	0°39	14°47	T 13
W14	3 31 35	21°29'57	12♌51	6°23	5°54	22°52	11°4	4°43	19°53	11°51	14°13	28°1	28°14	0°45	14°46	W14
T 15	3 35 31	22°30'28	27°51	5°46	7°9	23°18	11°11	4°46	19°55	11°50	14°15	28°1	28°11	0°52	14°44	T 15
F 16	3 39 28	23°31'01	12♌32	4°58	8°25	23°44	11°19	4°50	19°58	11°49	14°18	28°2	28°8	0°58	14°42	F 16
S 17	3 43 24	24°31'36	26°50	4°1	9°40	24°10	11°26	4°53	20°0	11°48	14°20	28°2	28°4	1°5	14°40	S 17
S 18	3 47 21	25°32'12	10♏41	2°55	10°55	24°35	11°34	4°56	20°2	11°47	14°22	28°2	28°1	1°12	14°38	S 18
M19	3 51 17	26°32'50	24°7	1°41	12°10	25°0	11°41	4°59	20°5	11°46	14°25	28°R 2	27°58	1°18	14°36	M19
T 20	3 55 14	27°33'30	7♍9	0°23	13°26	25°25	11°48	5°2	20°7	11°45	14°27	28°D 2	27°55	1°25	14°34	T 20
W21	3 59 10	28°34'11	19°50	29♍1	14°41	25°50	11°55	5°5	20°10	11°43	14°30	28°2	27°52	1°32	14°32	W21
T 22	4 3 7	29°34'54	2♌14	27°39	15°56	26°14	12°1	5°7	20°12	11°42	14°32	28°2	27°49	1°38	14°29	T 22
F 23	4 7 4	0♌35'38	14°25	26°20	17°12	26°38	12°8	5°10	20°15	11°41	14°34	28°3	27°45	1°45	14°27	F 23
S 24	4 11 0	1°36'24	26°25	25°6	18°27	27°2	12°15	5°13	20°17	11°40	14°37	28°3	27°42	1°52	14°24	S 24
S 25	4 14 57	2°37'12	8♍18	23°59	19°43	27°25	12°21	5°15	20°20	11°39	14°39	28°3	27°39	1°58	14°22	S 25
M26	4 18 53	3°38'01	20°7	23°2	20°58	27°48	12°27	5°17	20°23	11°37	14°41	28°4	27°36	2°5	14°19	M26
T 27	4 22 50	4°38'51	1♌54	22°15	22°13	28°10	12°33	5°19	20°25	11°36	14°44	28°R 4	27°33	2°12	14°16	T 27
W28	4 26 46	5°39'42	13°42	21°40	23°29	28°33	12°39	5°22	20°28	11°35	14°46	28°4	27°30	2°18	14°14	W28
T 29	4 30 43	6°40'35	25°32	21°16	24°44	28°55	12°44	5°23	20°31	11°34	14°48	28°3	27°26	2°25	14°11	T 29
F 30	4 34 39	7♌41'28	7♌26	21♍4	26♍0	29♏16	12♍50	5♍25	20♌34	11♌32	14♍50	28♌2	27♌23	2♌32	14♌8	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	14s20	24s30	1s42	23s18	2s49	6s17	1n31	17n24	1n39	9n 1	0n58	11n27	1n26	22s32	0s29	22n 4	0s52	1s44	14n53	19n45	19n57	20s 4	15n41	6s59			
F 2	14 39	26 9	2 41	23 30	2 49	6 46	1 31	17 16	1 40	8 58	0 58	11 26	1 27	22 32	0 29	22 4	0 52	1 45	14 53	19 45	19 56	20 6	15 40	7 0			
S 3	14 58	26 37	3 34	23 39	2 49	7 14	1 30	17 8	1 41	8 55	0 58	11 24	1 27	22 32	0 29	22 4	0 52	1 46	14 53	19 46	19 55	20 9	15 40	7 1			
S 4	15 17	25 50	4 18	23 47	2 48	7 43	1 29	17 0	1 43	8 52	0 58	11 23	1 27	22 32	0 29	22 4	0 52	1 47	14 53	19 46	19 55	20 11	15 39	7 1			
M 5	15 36	23 47	4 52	23 53	2 45	8 11	1 29	16 53	1 44	8 48	0 59	11 22	1 27	22 31	0 29	22 4	0 52	1 47	14 52	19 46	19 54	20 13	15 38	7 2			
T 6	15 54	20 32	5 12	23 57	2 42	8 39	1 28	16 45	1 45	8 45	0 59	11 20	1 27	22 31	0 29	22 4	0 52	1 48	14 52	19 46	19 53	20 15	15 38	7 3			
W 7	16 12	16 12	5 17	23 58	2 38	9 7	1 27	16 37	1 47	8 42	0 59	11 19	1 28	22 31	0 29	22 4	0 52	1 49	14 52	19 46	19 53	20 18	15 37	7 3			
T 8	16 30	10 56	5 5	23 58	2 32	9 35	1 26	16 30	1 48	8 39	0 59	11 18	1 28	22 30	0 29	22 4	0 52	1 50	14 52	19 46	19 52	20 20	15 37	7 4			
F 9	16 47	4 57	4 35	23 54	2 26	10 2	1 25	16 22	1 49	8 36	0 59	11 16	1 28	22 30	0 29	22 4	0 53	1 50	14 52	19 46	19 51	20 22	15 36	7 5			
S 10	17 4	1n29	3 47	23 48	2 18	10 30	1 24	16 15	1 51	8 33	1 0	11 15	1 28	22 30	0 29	22 4	0 53	1 51	14 52	19 45	19 51	20 25	15 36	7 5			
S 11	17 21	8 1	2 42	23 39	2 8	10 57	1 22	16 7	1 52	8 30	1 0	11 14	1 28	22 29	0 29	22 4	0 53	1 52	14 52	19 45	19 50	20 27	15 35	7 6			
M12	17 38	14 14	1 25	23 28	1 57	11 24	1 21	16 0	1 54	8 27	1 0	11 13	1 29	22 29	0 29	22 4	0 53	1 52	14 52	19 45	19 49	20 29	15 35	7 7			
T 13	17 54	19 38	0 2	23 12	1 45	11 50	1 20	15 52	1 55	8 25	1 0	11 12	1 29	22 29	0 29	22 4	0 53	1 53	14 52	19 45	19 48	20 31	15 34	7 7			
W14	18 10	23 43	1n22	22 54	1 31	12 16	1 18	15 45	1 56	8 22	1 1	11 11	1 29	22 28	0 29	22 4	0 53	1 54	14 52	19 45	19 48	20 34	15 34	7 8			
T 15	18 25	26 6	2 38	22 32	1 15	12 42	1 17	15 38	1 58	8 19	1 1	11 10	1 29	22 28	0 29	22 4	0 53	1 54	14 52	19 45	19 47	20 36	15 33	7 9			
F 16	18 41	26 35	3 43	22 7	0 58	13 8	1 16	15 30	1 59	8 16	1 1	11 9	1 30	22 28	0 29	22 4	0 53	1 55	14 52	19 45	19 46	20 38	15 33	7 9			
S 17	18 56	25 16	4 32	21 38	0 40	13 33	1 14	15 23	2 1	8 14	1 1	11 8	1 30	22 27	0 29	22 5	0 53	1 56	14 52	19 45	19 46	20 40	15 33	7 10			
S 18	19 10	22 27	5 4	21 6	0 20	13 59	1 12	15 16	2 2	8 11	1 2	11 7	1 30	22 27	0 29	22 5	0 53	1 56	14 52	19 45	19 45	20 43	15 32	7 10			
M19	19 25	18 29	5 17	20 32	0n 0	14 23	1 11	15 9	2 4	8 9	1 2	11 6	1 30	22 27	0 29	22 5	0 53	1 57	14 52	19 45	19 44	20 45	15 32	7 11			
T 20	19 39	13 45	5 14	19 55	0 21	14 48	1 9	15 2	2 5	8 6	1 2	11 5	1 31	22 26	0 29	22 5	0 53	1 57	14 53	19 45	19 43	20 47	15 31	7 12			
W21	19 52	8 33	4 55	19 18	0 41	15 11	1 7	14 55	2 7	8 4	1 2	11 4	1 31	22 26	0 29	22 5	0 53	1 58	14 53	19 45	19 43	20 49	15 31	7 12			
T 22	20 5	3 8	4 23	18 41	1 1	15 35	1 6	14 48	2 8	8 1	1 2	11 3	1 31	22 26	0 29	22 5	0 53	1 59	14 53	19 45	19 42	20 51	15 31	7 13			
F 23	20 18	2s19	3 40	18 4	1 20	15 58	1 4	14 41	2 10	7 59	1 3	11 3	1 31	22 25	0 29	22 5	0 53	1 59	14 53	19 45	19 41	20 54	15 30	7 13			
S 24	20 31	7 37	2 47	17 30	1 37	16 21	1 2	14 35	2 11	7 57	1 3	11 2	1 31	22 25	0 29	22 5	0 53	2 0	14 53	19 45	19 41	20 56	15 30	7 14			
S 25	20 43	12 36	1 48	16 59	1 52	16 43	1 0	14 28	2 13	7 55	1 3	11 1	1 32	22 24	0 29	22 5	0 53	2 0	14 53	19 45	19 40	20 58	15 30	7 14			
M26	20 55	17 5	0 44	16 32	2 5	17 5	0 58	14 22	2 15	7 53	1 3	11 1	1 32	22 24	0 29	22 5	0 53	2 1	14 53	19 45	19 39	21 0	15 30	7 15			
T 27	21 6	20 55	0s21	16 10	2 16	17 27	0 56	14 15	2 16	7 50	1 4	11 0	1 32	22 23	0 29	22 5	0 53	2 1	14 53	19 45	19 38	21 2	15 29	7 16			
W28	21 17	23 54	1 26	15 52	2 25	17 48	0 54	14 9	2 18	7 48	1 4	11 0	1 32	22 23	0 29	22 6	0 53	2 2	14 53	19 45	19 38	21 5	15 29	7 16			
T 29	21 27	25 51	2 27	15 40	2 32	18 8	0 52	14 3	2 20	7 46	1 4	10 59	1 33	22 23	0 29	22 6	0 53	2 2	14 53	19 45	19 37	21 7	15 29	7 17			
F 30	21s37	26s37	3s22	15s32	2n36	18s28	0n50	13n57	2n21	7n45	1n 4	10n59	1n33	22s22	0s29	22n 6	0s53	2s 3	14n54	19n45	19n36	21s 9	15n29	7s17			

ASTRODIENST EPHEMERIS for the year 1742
geocentric

DECEMBER 1742

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 38 36	8♌42'23	19♋28	21°D 2	27♍15	29♊37	12♏55	5♏27	20♋37	11°R31	14♍53	28°R 0	27♋20	2♌38	14°R 5	S 1
S 2	4 42 33	9°43'18	1♏39	21♍11	28°31	29°58	13° 1	5°29	20°39	11♏29	14°55	27♋58	27°17	2°45	14♏2	S 2
M 3	4 46 29	10°44'15	14° 3	21°29	29°46	0♏19	13° 6	5°30	20°42	11°28	14°57	27°57	27°14	2°51	13°59	M 3
T 4	4 50 26	11°45'12	26°43	21°56	1♌1	0°39	13°10	5°32	20°45	11°27	15° 0	27°56	27°10	2°58	13°55	T 4
W 5	4 54 22	12°46'09	9♌42	22°31	2°17	0°58	13°15	5°33	20°48	11°25	15° 2	27°D55	27° 7	3° 5	13°52	W 5
T 6	4 58 19	13°47'07	23° 2	23°12	3°32	1°17	13°20	5°34	20°51	11°24	15° 4	27°55	27° 4	3°11	13°49	T 6
F 7	5 2 15	14°48'06	6♏47	24° 0	4°48	1°36	13°24	5°35	20°54	11°22	15° 6	27°56	27° 1	3°18	13°45	F 7
S 8	5 6 12	15°49'05	20°57	24°53	6° 3	1°54	13°28	5°36	20°57	11°21	15° 8	27°57	26°58	3°25	13°42	S 8
S 9	5 10 9	16°50'05	5♋30	25°51	7°19	2°12	13°32	5°37	21° 0	11°19	15°10	27°59	26°55	3°31	13°38	S 9
M10	5 14 5	17°51'06	20°24	26°53	8°34	2°30	13°36	5°38	21° 3	11°18	15°13	27°R59	26°51	3°38	13°35	M10
T 11	5 18 2	18°52'07	5♏32	27°58	9°50	2°47	13°40	5°39	21° 7	11°16	15°15	27°59	26°48	3°45	13°31	T 11
W12	5 21 58	19°53'09	20°44	29° 7	11° 5	3° 3	13°43	5°39	21°10	11°15	15°17	27°58	26°45	3°51	13°28	W12
T 13	5 25 55	20°54'12	5♏52	0♌18	12°21	3°19	13°47	5°40	21°13	11°13	15°19	27°56	26°42	3°58	13°24	T 13
F 14	5 29 51	21°55'15	20°46	1°32	13°36	3°35	13°50	5°40	21°16	11°12	15°21	27°53	26°39	4° 5	13°20	F 14
S 15	5 33 48	22°56'19	5♏18	2°48	14°52	3°50	13°53	5°40	21°19	11°10	15°23	27°49	26°36	4°11	13°16	S 15
S 16	5 37 44	23°57'24	19°23	4° 6	16° 7	4° 5	13°55	5°41	21°22	11° 8	15°25	27°46	26°32	4°18	13°12	S 16
M17	5 41 41	24°58'30	2♏59	5°26	17°23	4°19	13°58	5°R41	21°26	11° 7	15°27	27°43	26°29	4°25	13° 9	M17
T 18	5 45 38	25°59'36	16° 7	6°47	18°38	4°32	14° 0	5°40	21°29	11° 5	15°29	27°41	26°26	4°31	13° 5	T 18
W19	5 49 34	27° 0'43	28°51	8° 9	19°54	4°45	14° 3	5°40	21°32	11° 4	15°31	27°D41	26°23	4°38	13° 1	W19
T 20	5 53 31	28° 1'51	11♌13	9°32	21° 9	4°58	14° 5	5°40	21°36	11° 2	15°33	27°41	26°20	4°44	12°57	T 20
F 21	5 57 27	29° 2'59	23°19	10°56	22°25	5°10	14° 7	5°39	21°39	11° 0	15°35	27°43	26°16	4°51	12°53	F 21
S 22	6 1 24	0♋4'08	5♍14	12°22	23°40	5°21	14° 8	5°39	21°42	10°59	15°37	27°45	26°13	4°58	12°49	S 22
S 23	6 5 20	1° 5'18	17° 3	13°47	24°56	5°32	14°10	5°38	21°46	10°57	15°39	27°46	26°10	5° 4	12°44	S 23
M24	6 9 17	2° 6'28	28°49	15°14	26°11	5°42	14°11	5°37	21°49	10°55	15°40	27°R47	26° 7	5°11	12°40	M24
T 25	6 13 13	3° 7'39	10♌36	16°41	27°27	5°51	14°12	5°37	21°52	10°54	15°42	27°46	26° 4	5°18	12°36	T 25
W26	6 17 10	4° 8'49	22°27	18° 9	28°42	6° 0	14°13	5°36	21°56	10°52	15°44	27°43	26° 1	5°24	12°32	W26
T 27	6 21 7	5°10'00	4♋24	19°37	29°58	6° 8	14°14	5°34	21°59	10°50	15°46	27°38	25°57	5°31	12°28	T 27
F 28	6 25 3	6°11'12	16°29	21° 6	1♋13	6°16	14°14	5°33	22° 3	10°49	15°48	27°32	25°54	5°38	12°24	F 28
S 29	6 29 0	7°12'23	28°44	22°36	2°29	6°23	14°14	5°32	22° 6	10°47	15°49	27°25	25°51	5°44	12°19	S 29
S 30	6 32 56	8°13'34	11♏8	24° 6	3°44	6°29	14°R14	5°30	22°10	10°45	15°51	27°17	25°48	5°51	12°15	S 30
M31	6 36 53	9♋14'45	23♏44	25♌36	5♋0	6♏35	14♏14	5♏29	22♋13	10♏43	15♍53	27♋9	25♋45	5♌58	12♏11	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	21s47	26s 9	4s 8	15s29	2n39	18s48	0n48	13n51	2n23	7n43	1n 5	10n58	1n33	22s22	0s29	22n 6
S 2	21 56	24 26	4 44	15 30	2 41	19 7	0 46	13 45	2 25	7 41	1 5	10 58	1 33	22 21	0 29	22 6
M 3	22 5 21	32 5	8 15	35 3	2 41	19 25	0 44	13 40	2 26	7 39	1 5	10 57	1 34	22 21	0 29	22 6
T 4	22 14 17	35 5	17 15	43 2	39 19	43 0	42	13 34	2 28	7 38	1 5	10 57	1 34	22 20	0 29	22 6
W 5	22 22 12	44 5	10 15	54 2	37 20	0 0	39	13 29	2 30	7 36	1 6	10 57	1 34	22 20	0 29	22 6
T 6	22 29 7	10 4	7 16	8 2	33 20	17 0	37	13 23	2 32	7 35	1 6	10 57	1 34	22 19	0 29	22 6
F 7	22 36 1	5 4	7 16	24 2	29 20	33 0	35	13 18	2 33	7 33	1 6	10 56	1 35	22 19	0 29	22 7
S 8	22 43 5n14	3 11	16 41	2 24	20 49	0 32	13 13	2 35	7 32	1 7	10 56	1 35	22 19	0 29	22 7	0 53
S 9	22 49 11	28 2	1 17	1 2	18 21	4 0	30	13 9	2 37	7 31	1 7	10 56	1 35	22 18	0 29	22 7
M10	22 55 17	12 0	42 17	21 2	12 18	0 28	13 4	2 39	7 29	1 7	10 56	1 35	22 18	0 29	22 7	0 53
T 11	23 0 21	56 0n42	17 42	2 5	21 32	0 25	13 0	2 41	7 28	1 7	10 56	1 36	22 17	0 29	22 7	0 53
W12	23 5 25	11 2	2 18	4 1	58 21	45 0	23	12 55	2 42	7 27	1 8	10 56	1 36	22 17	0 29	22 7
T 13	23 10 26	34 3	14 18	26 1	51 21	58 0	21	12 51	2 44	7 26	1 8	10 56	1 36	22 16	0 29	22 7
F 14	23 14 26	0 4	11 18	48 1	44 22	10 0	18	12 47	2 46	7 25	1 8	10 56	1 36	22 16	0 29	22 7
S 15	23 17 23	40 4	5 11	19 10	1 36	22 21	0 16	12 43	2 48	7 24	1 8	10 57	1 37	22 15	0 29	22 8
S 16	23 20 19	57 5	11 19	33 1	29 22	32 0	14	12 40	2 50	7 23	1 9	10 57	1 37	22 15	0 29	22 8
M17	23 23 15	17 5	13 19	55 1	21 22	41 0	11	12 37	2 52	7 23	1 9	10 57	1 37	22 14	0 29	22 8
T 18	23 25 10	4 4	58 20	16 1	13 22	51 0	9	12 33	2 54	7 22	1 9	10 57	1 37	22 14	0 29	22 8
W19	23 26 4	35 4	29 20	37 1	5 22	59 0	6	12 30	2 56	7 21	1 9	10 58	1 38	22 13	0 29	22 8
T 20	23 28 0s57	3 48	20 58 0	57 23	7 0	4 12	28 2	58 7	21 1	10 10	58 1	38 22	13 0	29 22	8 0	53
F 21	23 28 6	19 2	58 21	18 0	49 23	14 0	1	12 25	3 0	7 20	1 10	10 58	1 38	22 12	0 29	22 8
S 22	23 28 11	24 2	0 21	37 0	42 23	20 0s	1	12 23	3 2	7 20	1 10	10 59	1 38	22 11	0 29	22 9
S 23	23 28 16	1 0	58 21	56 0	34 23	26 0	3	12 21	3 4	7 20	1 11	10 59	1 39	22 11	0 29	22 9
M24	23 27 20	1 0s	6 22	13 0	26 23	31 0	6	12 19	3 6	7 19	1 11	11 0	1 39	22 10	0 29	22 9
T 25	23 26 23	13 1	10 22	30 0	18 23	35 0	8	12 17	3 8	7 19	1 11	11 0	1 39	22 10	0 29	22 9
W26	23 25 25	26 2	11 22	46 0	11 23	39 0	11	12 16	3 10	7 19	1 11	11 1	1 39	22 9	0 29	22 9
T 27	23 22 26	30 3	6 23	1 0	3 23	41 0	13	12 15	3 12	7 19	1 12	11 1	1 40	22 9	0 29	22 9
F 28	23 20 26	20 3	54 23	14 0s	4 23	43 0	15	12 14	3 14	7 19	1 12	11 2	1 40	22 8	0 29	22 9
S 29	23 17 24	53 4	32 23	27 0	11 23	45 0	18	12 13	3 16	7 19	1 12	11 3	1 40	22 8	0 29	22 10
S 30	23 13 22	13 4	57 23	39 0	18 23	45 0	20	12 13	3 18	7 20	1 13	11 4	1 40	22 7	0 29	22 10
M31	23s 9	18s29	5s 9	23s49	0s25	23s45	0s22	12n13	3n21	7n20	1n13	11n 4	1n41	22s 6	0s29	22n10

Julian Day Number = 2357646.5, Delta T = 14.01 sec
Ecliptic obliquity = 23°28'26, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'04, Lahiri = 20°16'05Greg. Calendar