



Astrodienst Ephemeris Tables for the year 1724

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 1724
geocentric

JANUARY 1724

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 39 15	9♂52°05	6♂13	4♂53	23♂9	25°R37	17♂43	2♂45	3♂18	27°R 2	28°R17	4°R28	3♂12	13♂4	27♂58	S 1
S 2	6 43 12	10°53'16	20°20	6°29	24°24	25♂17	17°57	2°52	3°20	27♂1	28♂17	4♂25	3°8	13°11	27°59	S 2
M 3	6 47 8	11°54'26	4♂29	8°4	25°39	24°58	18°11	2°59	3°22	27°0	28°17	4°23	3°5	13°18	28°1	M 3
T 4	6 51 5	12°55'36	18°37	9°41	26°55	24°39	18°25	3°6	3°24	26°59	28°17	4°D23	3°2	13°25	28°2	T 4
W 5	6 55 1	13°56'46	2♂44	11°17	28°10	24°21	18°39	3°13	3°25	26°58	28°17	4°24	2°59	13°31	28°3	W 5
T 6	6 58 58	14°57'55	16°48	12°54	29°25	24°3	18°53	3°20	3°27	26°57	28°17	4°26	2°56	13°38	28°5	T 6
F 7	7 2 54	15°59'03	0♂47	14°32	0♂40	23°46	19°7	3°27	3°29	26°56	28°17	4°R27	2°53	13°45	28°7	F 7
S 8	7 6 51	17°0'12	14°40	16°10	1°56	23°30	19°21	3°34	3°31	26°55	28°16	4°26	2°49	13°51	28°8	S 8
S 9	7 10 48	18°1'19	28°24	17°48	3°11	23°15	19°35	3°41	3°32	26°54	28°16	4°24	2°46	13°58	28°10	S 9
M10	7 14 44	19°2'27	11♂57	19°27	4°26	23°0	19°49	3°48	3°34	26°53	28°16	4°19	2°43	14°5	28°12	M10
T 11	7 18 41	20°3'33	25°16	21°6	5°41	22°46	20°3	3°55	3°35	26°52	28°15	4°12	2°40	14°11	28°13	T 11
W12	7 22 37	21°4'40	8♂21	22°46	6°56	22°33	20°17	4°2	3°37	26°51	28°15	4°4	2°37	14°18	28°15	W12
T 13	7 26 34	22°5'46	21°8	24°26	8°11	22°20	20°31	4°9	3°38	26°51	28°15	3°55	2°33	14°25	28°17	T 13
F 14	7 30 30	23°6'51	3♂40	26°7	9°27	22°9	20°46	4°15	3°40	26°50	28°14	3°46	2°30	14°31	28°19	F 14
S 15	7 34 27	24°7'56	15°56	27°48	10°42	21°58	21°0	4°22	3°41	26°49	28°14	3°38	2°27	14°38	28°21	S 15
S 16	7 38 24	25°9'01	27°59	29°30	11°57	21°48	21°14	4°29	3°42	26°48	28°13	3°32	2°24	14°45	28°23	S 16
M17	7 42 20	26°10'05	9♂54	1♂12	13°12	21°39	21°28	4°36	3°44	26°48	28°13	3°28	2°21	14°52	28°25	M17
T 18	7 46 17	27°11'09	21°44	2°55	14°27	21°30	21°42	4°43	3°45	26°47	28°12	3°26	2°18	14°58	28°27	T 18
W19	7 50 13	28°12'12	3♂34	4°38	15°42	21°23	21°56	4°49	3°46	26°46	28°12	3°D26	2°14	15°5	28°29	W19
T 20	7 54 10	29°13'15	15°31	6°21	16°57	21°16	22°10	4°56	3°47	26°46	28°11	3°27	2°11	15°12	28°31	T 20
F 21	7 58 6	0♂14'18	27°38	8°5	18°12	21°10	22°24	5°3	3°48	26°45	28°10	3°R28	2°8	15°18	28°34	F 21
S 22	8 2 3	1°15'20	10♂2	9°49	19°27	21°5	22°38	5°9	3°49	26°45	28°10	3°28	2°5	15°25	28°36	S 22
S 23	8 5 59	2°16'21	22°46	11°33	20°42	21°0	22°52	5°16	3°50	26°44	28°9	3°26	2°2	15°32	28°38	S 23
M24	8 9 56	3°17'22	5♂53	13°18	21°57	20°57	23°6	5°22	3°51	26°44	28°8	3°22	1°59	15°38	28°41	M24
T 25	8 13 53	4°18'22	19°24	15°2	23°12	20°54	23°20	5°29	3°51	26°43	28°7	3°15	1°55	15°45	28°43	T 25
W26	8 17 49	5°19'21	3♂17	16°46	24°27	20°52	23°34	5°35	3°52	26°43	28°7	3°6	1°52	15°52	28°46	W26
T 27	8 21 46	6°20'19	17°29	18°29	25°42	20°51	23°48	5°42	3°53	26°42	28°6	2°55	1°49	15°58	28°48	T 27
F 28	8 25 42	7°21'16	1♂53	20°12	26°57	20°D50	24°2	5°48	3°53	26°42	28°5	2°44	1°46	16°5	28°51	F 28
S 29	8 29 39	8°22'12	16°24	21°55	28°12	20°51	24°16	5°54	3°54	26°42	28°4	2°35	1°43	16°12	28°53	S 29
S 30	8 33 35	9°23'07	0♂55	23°35	29°26	20°52	24°30	6°1	3°55	26°41	28°3	2°27	1°39	16°18	28°56	S 30
M31	8 37 32	10♂24'00	15♂20	25♂15	0♂41	20♂54	24♂44	6♂7	3♂55	26♂41	28♂2	2♂22	1♂36	16♂25	28♂59	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	23s 7	14s 3	5s11	24s49	1s26	22s44	1s15	26n52	3n28	22s31	0s13	22s42	0n45	12s 9	0n30	17n50
S 2	23 2	8 25	4 59	24 50	1 31	22 32	1 17	26 52	3 29	22 30	0 13	22 42	0 45	12 10	0 30	17 50
M 3	22 57	2 20	4 29	24 49	1 35	22 20	1 18	26 52	3 29	22 28	0 14	22 42	0 45	12 11	0 30	17 50
T 4	22 51	3n52	3 43	24 46	1 39	22 6	1 20	26 52	3 30	22 26	0 14	22 42	0 45	12 11	0 31	17 50
W 5	22 45	9 53	2 44	24 43	1 43	21 53	1 21	26 51	3 30	22 24	0 14	22 41	0 45	12 12	0 31	17 49
T 6	22 38	15 22	1 34	24 37	1 47	21 38	1 22	26 51	3 30	22 22	0 14	22 41	0 45	12 12	0 31	17 49
F 7	22 31	20 1	0 20	24 31	1 50	21 23	1 23	26 50	3 30	22 20	0 14	22 41	0 45	12 13	0 31	17 49
S 8	22 24	23 30	0n55	24 22	1 53	21 8	1 24	26 49	3 30	22 19	0 14	22 41	0 45	12 14	0 31	17 49
S 9	22 16	25 34	2 6	24 13	1 56	20 52	1 25	26 48	3 31	22 17	0 14	22 41	0 45	12 14	0 31	17 49
M10	22 7	26 4	3 9	24 1	1 59	20 35	1 26	26 48	3 30	22 15	0 14	22 41	0 45	12 15	0 31	17 49
T 11	21 58	25 2	4 0	23 48	2 1	20 17	1 27	26 47	3 30	22 13	0 14	22 41	0 44	12 15	0 31	17 48
W12	21 49	22 40	4 37	23 34	2 2	19 59	1 28	26 46	3 30	22 11	0 14	22 40	0 44	12 16	0 31	17 48
T 13	21 40	19 12	4 59	23 18	2 4	19 40	1 29	26 45	3 30	22 9	0 15	22 40	0 44	12 16	0 31	17 48
F 14	21 30	14 56	5 7	23 0	2 5	19 21	1 29	26 44	3 30	22 7	0 15	22 40	0 44	12 17	0 31	17 48
S 15	21 19	10 10	5 0	22 41	2 5	19 2	1 30	26 43	3 29	22 5	0 15	22 40	0 44	12 17	0 31	17 48
S 16	21 8	5 5	4 40	22 20	2 5	18 41	1 31	26 42	3 29	22 3	0 15	22 40	0 44	12 17	0 31	17 48
M17	20 57	0s 8	4 7	21 57	2 5	18 20	1 31	26 41	3 28	22 0	0 15	22 40	0 44	12 18	0 31	17 48
T 18	20 45	5 19	3 25	21 33	2 4	17 59	1 32	26 40	3 28	21 58	0 15	22 39	0 44	12 18	0 31	17 48
W19	20 33	10 19	2 33	21 8	2 3	17 37	1 32	26 38	3 27	21 56	0 15	22 39	0 44	12 19	0 31	17 48
T 20	20 21	15 0	1 35	20 40	2 1	17 15	1 32	26 37	3 27	21 54	0 15	22 39	0 44	12 19	0 31	17 47
F 21	20 8	19 9	0 31	20 11	1 59	16 52	1 33	26 36	3 26	21 52	0 15	22 39	0 44	12 19	0 31	17 47
S 22	19 55	22 34	0s35	19 41	1 56	16 29	1 33	26 35	3 25	21 50	0 15	22 39	0 44	12 19	0 31	17 47
S 23	19 41	24 58	1 41	19 9	1 53	16 5	1 33	26 34	3 24	21 47	0 15	22 38	0 44	12 20	0 31	17 47
M24	19 27	26 5	2 44	18 36	1 49	15 41	1 33	26 33	3 24	21 45	0 16	22 38	0 44	12 20	0 31	17 47
T 25	19 13	25 41	3 39	18 1	1 44	15 16	1 33	26 32	3 23	21 43	0 16	22 38	0 44	12 20	0 31	17 47
W26	18 58	23 43	4 23	17 24	1 39	14 51	1 33	26 31	3 22	21 41	0 16	22 38	0 44	12 21	0 31	17 47
T 27	18 43	20 15	4 52	16 47	1 33	14 26	1 33	26 30	3 21	21 38	0 16	22 37	0 44	12 21	0 31	17 47
F 28	18 28	15 31	5 3	16 8	1 26	14 0	1 33	26 29	3 20	21 36	0 16	22 37	0 44	12 21	0 31	17 47
S 29	18 12	9 53	4 54	15 28	1 19	13 34	1 32	26 28	3 19	21 34	0 16	22 37	0 44	12 21	0 31	17 47
S 30	17 56	3 43	4 27	14 47	1 11	13 7	1 32	26 28	3 18	21 31	0 16	22 37	0 44	12 21	0 31	17 47
M31	17s40	2n38	3s42	14s 6	1s 2	12s40	1s31	26n27	3n17	21s29	0s16	22s36	0n44	12s21	0n31	17n47

Julian Day Number = 2350737.5, Delta T = 10.57 sec
Ecliptic obliquity = 23°28'34, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'14, Lahiri = 20°00'15Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1724

geocentric

FEBRUARY 1724

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 41 28	11 ²² 45'1	29 ¹¹ 35	26 ²² 52	1 ¹¹ 56	20 ¹¹ 56	24 ²³ 57	6 ²³ 13	3 ¹¹ 55	26 ²⁰ R41	28 ²⁰ R 1	2 ²⁰ R19	1 ¹¹ 33	16 ²² 32	29 ²¹ 1	T 1
W 2	8 45 25	12 ²⁵ 41	13 ¹⁸ 39	28 ²⁰ 28	3 ¹¹	21 ²⁰ 0	25 ²⁰ 11	6 ²⁰ 19	3 ⁵⁶	26 ²⁰ 41	28 ²⁰ 0	2 ²⁰ D19	1 ²⁰ 30	16 ²³ 38	29 ²⁰ 4	W 2
T 3	8 49 22	13 ²⁶ 30	27 ²⁰ 31	0 ¹¹ 0	4 ²⁶	21 ²⁰ 4	25 ²⁰ 25	6 ²⁰ 26	3 ⁵⁶	26 ²⁰ 41	27 ²⁰ 59	2 ²⁰ R19	1 ²⁰ 27	16 ²⁴ 5	29 ²⁰ 7	T 3
F 4	8 53 18	14 ²⁷ 17	11 ¹¹ 12	1 ²⁰ 29	5 ⁴⁰	21 ²⁰ 8	25 ²⁰ 39	6 ²⁰ 32	3 ⁵⁶	26 ²⁰ 41	27 ²⁰ 58	2 ²⁰ 119	1 ²⁰ 24	16 ²⁵ 2	29 ²⁰ 10	F 4
S 5	8 57 15	15 ²⁸ 03	24 ²⁰ 41	2 ²⁰ 54	6 ⁵⁵	21 ²⁰ 14	25 ²⁰ 52	6 ²⁰ 38	3 ⁵⁶	26 ²⁰ 40	27 ²⁰ 57	2 ²⁰ 17	1 ²⁰ 20	16 ²⁵ 9	29 ²⁰ 12	S 5
S 6	9 1 11	16 ²⁸ 47	7 ²⁰ 59	4 ²⁰ 14	8 ¹⁰	21 ²⁰ 20	26 ²⁰ 6	6 ²⁰ 44	3 ⁵⁷	26 ²⁰ D40	27 ²⁰ 56	2 ²⁰ 13	1 ²⁰ 17	17 ²⁰ 5	29 ²⁰ 15	S 6
M 7	9 5 8	17 ²⁹ 30	21 ²⁰ 8	5 ²⁰ 29	9 ²⁴	21 ²⁰ 27	26 ²⁰ 20	6 ²⁰ 50	3 ⁵⁷	26 ²⁰ 40	27 ²⁰ 55	2 ²⁰ 5	1 ²⁰ 14	17 ²⁰ 12	29 ²⁰ 18	M 7
T 8	9 9 4	18 ³⁰ 11	4 ²⁰ 5	6 ³⁸	10 ³⁹	21 ²⁰ 34	26 ²⁰ 33	6 ²⁰ 56	3 ⁵⁷	26 ²⁰ 41	27 ²⁰ 54	1 ²⁰ 55	1 ²⁰ 11	17 ²⁰ 19	29 ²⁰ 21	T 8
W 9	9 13 1	19 ³⁰ 51	16 ²⁰ 51	7 ⁴⁰	11 ⁵³	21 ²⁰ 42	26 ²⁰ 47	7 ²⁰ 1	3 ⁵⁷	26 ²⁰ 41	27 ²⁰ 52	1 ²⁰ 42	1 ²⁰ 8	17 ²⁰ 25	29 ²⁰ 24	W 9
T 10	9 16 57	20 ³¹ 29	29 ²⁰ 26	8 ³⁴	13 ²⁰ 8	21 ²⁰ 51	27 ²⁰ 0	7 ²⁰ 7	3 ⁵⁶	26 ²⁰ 41	27 ²⁰ 51	1 ²⁰ 28	1 ²⁰ 5	17 ²⁰ 32	29 ²⁰ 27	T 10
F 11	9 20 54	21 ³² 06	11 ¹¹ 48	9 ²⁰	14 ²²	22 ²⁰ 0	27 ²⁰ 14	7 ²⁰ 13	3 ⁵⁶	26 ²⁰ 41	27 ²⁰ 50	1 ²⁰ 14	1 ²⁰ 1	17 ²⁰ 39	29 ²⁰ 30	F 11
S 12	9 24 51	22 ³² 41	23 ²⁰ 58	9 ⁵⁷	15 ³⁷	22 ²⁰ 10	27 ²⁰ 27	7 ²⁰ 19	3 ⁵⁶	26 ²⁰ 41	27 ²⁰ 49	1 ²⁰ 2	0 ²⁰ 58	17 ²⁰ 45	29 ²⁰ 33	S 12
S 13	9 28 47	23 ³³ 15	5 ²⁰ 58	10 ²⁵	16 ⁵¹	22 ²⁰ 20	27 ²⁰ 41	7 ²⁰ 24	3 ⁵⁶	26 ²⁰ 41	27 ²⁰ 47	0 ²⁰ 51	0 ²⁰ 55	17 ²⁰ 52	29 ²⁰ 36	S 13
M14	9 32 44	24 ³³ 48	17 ²⁰ 51	10 ⁴²	18 ²⁰ 6	22 ²⁰ 31	27 ²⁰ 54	7 ²⁰ 30	3 ⁵⁵	26 ²⁰ 41	27 ²⁰ 46	0 ²⁰ 44	0 ²⁰ 52	17 ²⁰ 59	29 ²⁰ 40	M14
T 15	9 36 40	25 ³⁴ 19	29 ²⁰ 40	10 ²⁰ R50	19 ²⁰	22 ²⁰ 43	28 ²⁰ 8	7 ²⁰ 35	3 ⁵⁵	26 ²⁰ 42	27 ²⁰ 45	0 ²⁰ 39	0 ²⁰ 49	18 ²⁰ 5	29 ²⁰ 43	T 15
W16	9 40 37	26 ³⁴ 49	11 ¹¹ 29	10 ⁴⁷	20 ³⁴	22 ²⁰ 55	28 ²⁰ 21	7 ²⁰ 41	3 ⁵⁵	26 ²⁰ 42	27 ²⁰ 44	0 ²⁰ 36	0 ²⁰ 45	18 ²⁰ 12	29 ²⁰ 46	W16
T 17	9 44 33	27 ³⁵ 18	23 ²⁰ 23	10 ³⁴	21 ⁴⁹	23 ²⁰ 7	28 ²⁰ 34	7 ²⁰ 46	3 ⁵⁴	26 ²⁰ 42	27 ²⁰ 42	0 ²⁰ 36	0 ²⁰ 42	18 ²⁰ 19	29 ²⁰ 49	T 17
F 18	9 48 30	28 ³⁵ 46	5 ²⁰ 28	10 ¹¹	23 ²⁰ 3	23 ²⁰ 20	28 ²⁰ 47	7 ²⁰ 51	3 ⁵⁴	26 ²⁰ 43	27 ²⁰ 41	0 ²⁰ 36	0 ²⁰ 39	18 ²⁰ 25	29 ²⁰ 52	F 18
S 19	9 52 26	29 ³⁶ 12	17 ²⁰ 50	9 ³⁹	24 ¹⁷	23 ²⁰ 34	29 ²⁰ 0	7 ²⁰ 57	3 ⁵³	26 ²⁰ 43	27 ²⁰ 39	0 ²⁰ 35	0 ²⁰ 36	18 ²⁰ 32	29 ²⁰ 56	S 19
S 20	9 56 23	0 ¹¹ 36'37	0 ²⁰ 33	8 ⁵⁹	25 ³¹	23 ²⁰ 48	29 ²⁰ 14	8 ²⁰ 2	3 ⁵²	26 ²⁰ 44	27 ²⁰ 38	0 ²⁰ 33	0 ²⁰ 33	18 ²⁰ 39	29 ²⁰ 59	S 20
M21	10 0 20	1 ³⁷ 00	13 ²⁰ 42	8 ¹¹	26 ⁴⁵	24 ²⁰ 3	29 ²⁰ 27	8 ²⁰ 7	3 ⁵²	26 ²⁰ 44	27 ²⁰ 37	0 ²⁰ 28	0 ²⁰ 30	18 ²⁰ 45	0 ²⁰ Y 2	M21
T 22	10 4 16	2 ³⁷ 22	27 ²⁰ 19	7 ¹⁷	27 ⁵⁹	24 ²⁰ 18	29 ²⁰ 40	8 ²⁰ 12	3 ⁵¹	26 ²⁰ 45	27 ²⁰ 35	0 ²⁰ 20	0 ²⁰ 26	18 ²⁰ 52	0 ²⁰ 6	T 22
W23	10 8 13	3 ³⁷ 42	11 ²² 33	6 ¹⁸	29 ¹³	24 ²⁰ 34	29 ²⁰ 52	8 ²⁰ 17	3 ⁵⁰	26 ²⁰ 45	27 ²⁰ 34	0 ²⁰ 10	0 ²⁰ 23	18 ²⁰ 59	0 ²⁰ 9	W23
T 24	10 12 9	4 ³⁸ 01	25 ²⁰ 52	5 ¹⁶	0 ²⁰ Y28	24 ²⁰ 50	0 ²⁰ 5	8 ²⁰ 22	3 ⁴⁹	26 ²⁰ 46	27 ²⁰ 32	29 ²⁰ 359	0 ²⁰ 20	19 ²⁰ 5	0 ²⁰ 12	T 24
F 25	10 16 6	5 ³⁸ 18	10 ¹¹ 39	4 ¹²	1 ⁴²	25 ²⁰ 6	0 ²⁰ 18	8 ²⁰ 27	3 ⁴⁸	26 ²⁰ 46	27 ²⁰ 31	29 ²⁰ 47	0 ²⁰ 17	19 ²⁰ 12	0 ²⁰ 16	F 25
S 26	10 20 2	6 ³⁸ 33	25 ²⁰ 36	3 ²⁰ 8	2 ⁵⁵	25 ²⁰ 23	0 ²⁰ 31	8 ²⁰ 32	3 ⁴⁷	26 ²⁰ 47	27 ²⁰ 29	29 ²⁰ 35	0 ²⁰ 14	19 ²⁰ 19	0 ²⁰ 19	S 26
S 27	10 23 59	7 ³⁸ 46	10 ¹¹ 33	2 ²⁰ 6	4 ²⁰ 9	25 ²⁰ 40	0 ²⁰ 44	8 ²⁰ 36	3 ⁴⁶	26 ²⁰ 48	27 ²⁰ 28	29 ²⁰ 27	0 ²⁰ 10	19 ²⁰ 26	0 ²⁰ 23	S 27
M28	10 27 55	8 ³⁸ 57	25 ²⁰ 21	1 ²⁰ 7	5 ²³	25 ²⁰ 58	0 ²⁰ 56	8 ²⁰ 41	3 ⁴⁵	26 ²⁰ 48	27 ²⁰ 26	29 ²⁰ 20	0 ²⁰ 7	19 ²⁰ 32	0 ²⁰ 26	M28
T 29	10 31 52	9 ¹¹ 39'06	9 ²⁰ 55	0 ¹¹ 11	6 ²⁰ Y37	26 ²⁰ 116	1 ²⁰ 9	8 ²⁰ 46	3 ¹¹ 44	26 ²⁰ 49	27 ²⁰ 25	29 ²⁰ 17	0 ²⁰ 11 4	19 ²⁰ 39	0 ²⁰ Y30	T 29

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17s23	8n47	2s45	13s23	0s52	12s13	1s31	26n26	3n16	21s27	0s16	22s36	0n44	12s21	0n31	17n47	1s42	15n55	16n32	20n39	20n30	3s 9	2n20	2n58	
W 2	17 6	14 25	1 37	12 41	0 41	11 45	1 30	26 25	3 15	21 24	0 17	22 36	0 44	12 22	0 31	17 47	1 42	15 56	16 33	20 39	20 30	3 12	2 21	2 58	
T 3	16 49	19 13	0 25	11 58	0 30	11 18	1 30	26 24	3 14	21 22	0 17	22 36	0 44	12 22	0 31	17 47	1 42	15 57	16 33	20 39	20 29	3 15	2 22	2 58	
F 4	16 31	22 56	0n47	11 15	0 18	10 49	1 29	26 24	3 13	21 19	0 17	22 35	0 44	12 22	0 31	17 47	1 42	15 58	16 34	20 39	20 28	3 18	2 23	2 58	
S 5	16 13	25 18	1 56	10 32	0 5	10 21	1 28	26 23	3 12	21 17	0 17	22 35	0 44	12 22	0 31	17 47	1 42	15 58	16 34	20 39	20 28	3 21	2 24	2 58	
S 6	15 55	26 11	2 57	9 51	0n 8	9 52	1 27	26 22	3 11	21 14	0 17	22 35	0 44	12 22	0 31	17 47	1 42	15 59	16 34	20 38	20 27	3 24	2 25	2 57	
M 7	15 37	25 34	3 48	9 10	0 22	9 23	1 26	26 22	3 10	21 12	0 17	22 35	0 43	12 22	0 31	17 47	1 42	16 0	16 35	20 37	20 26	3 27	2 26	2 57	
T 8	15 18	23 34	4 26	8 31	0 37	8 54	1 25	26 21	3 9	21 9	0 17	22 34	0 43	12 22	0 31	17 47	1 42	16 1	16 35	20 35	20 26	3 30	2 27	2 57	
W 9	14 59	20 25	4 50	7 54	0 52	8 25	1 24	26 21	3 8	21 7	0 17	22 34	0 43	12 22	0 31	17 47	1 42	16 2	16 36	20 32	20 25	3 34	2 28	2 57	
T 10	14 40	16 22	5 0	7 19	1 8	7 55	1 23	26 20	3 7	21 4	0 17	22 34	0 43	12 22	0 31	17 48	1 42	16 3	16 36	20 29	20 24	3 37	2 29	2 57	
F 11	14 21	11 41	4 55	6 47	1 24	7 25	1 22	26 20	3 6	21 2	0 18	22 33	0 43	12 22	0 31	17 48	1 42	16 3	16 36	20 26	20 24	3 40	2 30	2 57	
S 12	14 1	6 38	4 37	6 18	1 40	6 55	1 21	26 19	3 5	20 59	0 18	22 33	0 43	12 22	0 31	17 48	1 42	16 4	16 37	20 24	20 23	3 43	2 31	2 56	
S 13	13 41	1 24	4 6	5 53	1 56	6 25	1 19	26 19	3 4	20 57	0 18	22 33	0 43	12 21	0 31	17 48	1 42	16 5	16 37	20 22	20 22	3 46	2 32	2 56	
M14	13 21	3s51	3 25	5 32	2 12	5 55	1 18	26 18	3 3	20 54	0 18	22 33	0 43	12 21	0 31	17 48	1 42	16 6	16 38	20 20	20 22	3 49	2 33	2 56	
T 15	13 1	8 56	2 36	5 15	2 27	5 24	1 16	26 18	3 2	20 52	0 18	22 32	0 43	12 21	0 31	17 48	1 41	16 7	16 38	20 19	20 21	3 52	2 34	2 56	
W16	12 40	13 43	1 39	5 2	2 42	4 53	1 15	26 17	3 0	20 49	0 18	22 32	0 43	12 21	0 31	17 48	1 41	16 8	16 38	20 19	20 20	3 55	2 36	2 56	
T 17	12 20	18 2	0 38	4 55	2 55	4 23	1 13	26 17	2 59	20 47	0 18	22 32	0 43	12 21	0 31	17 48	1 41	16 8	16 39	20 18	20 20	3 59	2 37	2 56	
F 18	11 59	21 40	0s26	4 52	3 8	3 52	1 12	26 16	2 58	20 44	0 18	22 31	0 43	12 21	0 31	17 49	1 41	16 9	16 39	20 18	20 19	4 2	2 38	2 55	
S 19	11 38	24 25	1 30	4 54	3 18	3 21	1 10	26 16	2 57	20 41	0 19	22 31	0 43	12 20	0 31	17 49	1 41	16 10	16 39	20 18	20 18	4 5	2 39	2 55	
S 20	11 16	26 0	2 31	5 0	3 28	2 50	1 8	26 16	2 56	20 39	0 19	22 31	0 43	12 20	0 31	17 49	1 41	16 11	16 39	20 18	20 18	4 8	2 40	2 55	
M21	10 55	26 12	3 27	5 11	3 35	2 18	1 6	26 15	2 55	20 36	0 19	22 31	0 43	12 20	0 31	17 49	1 41	16 12	16 40	20 17	20 17	4 11	2 41	2 55	
T 22	10 33	24 51	4 12	5 27	3 40	1 47	1 4	26 15	2 54	20 34	0 19	22 30	0 43	12 20	0 32	17 49	1 41	16 13	16 40	20 15	20 16	4 14	2 43	2 55	
W23	10 12	21 57	4 44	5 45	3 43	1 16	1 2	26 14	2 53	20 31	0 19	22 30	0 43	12 19	0 32	17 49	1 41	16 13	16 40	20 13	20 16	4 17	2 44	2 55	
T 24	9 50	17 36	4 59	6 7	3 44	0 44	1 0	26 14	2 52	20 28	0 19	22 30	0 43	12 19	0 32	17 50	1 41	16 14	16 41	20 11	20 15	4 21	2 45	2 55	
F 25	9 28	12 8	4 55	6 31	3 43	0 13	0 58	26 13	2 50	20 26	0 19	22 29	0 43	12 19	0 32	17 50	1 41	16 15	16 41	20 8	20 14	4 24	2 46	2 54	
S 26	9 5	5 53	4 30	6 58	3 39	0n18	0 56	26 13	2 49	20 23	0 19	22 29	0 43	12 18	0 32	17 50	1 41	16 16	16 41	20 6	20 14	4 27	2 47	2 54	
S 27	8 43	0n42	3 47	7 25	3 34	0 50	0 54	26 13	2 48	20 21	0 20	22 29	0 43	12 18	0 32	17 50	1 41	16 17	16 41	20 4	20 13	4 30	2 49	2 54	
M28	8 20	7 12	2 49	7 53	3 26	1 21	0 52	26 12	2 47	20 18	0 20	22 28	0 43	12 18	0 32	17 50	1 41	16 18	16 42	20 2	20 12	4 33	2 50	2 54	
T 29	7s58	13n13	1s41	8s21	3n17	1n53	0s49	26n11	2n46	20s15	0s20	22s28	0n43	12s17	0n32	17n51	1s41	16n18	16n42	20n 2	20n12	4s36	2n51	2n54	

ASTRODIENST EPHEMERIS for the year 1724
geocentric

MARCH 1724

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 35 48	10♈39°13	24♉9	29°R20	7°Y51	26♊35	1♈21	8♋50	3°R43	26♌50	27°R23	29°D16	0♉1	19♌46	0°Y33	W 1
T 2	10 39 45	11°39'18	8♊4	28♋35	9° 4	26°54	1°34	8°55	3♌42	26°51	27♍22	29°R16	29♌58	19°52	0°37	T 2
F 3	10 43 42	12°39'21	21°40	27°56	10°18	27°13	1°46	8°59	3°41	26°52	27°20	29♌16	29°55	19°59	0°40	F 3
S 4	10 47 38	13°39'21	4♋59	27°23	11°32	27°33	1°58	9° 3	3°39	26°53	27°18	29°14	29°51	20° 6	0°44	S 4
S 5	10 51 35	14°39'19	18° 2	26°57	12°45	27°53	2°11	9° 7	3°38	26°53	27°17	29°10	29°48	20°12	0°47	S 5
M 6	10 55 31	15°39'16	0♌52	26°38	13°59	28°14	2°23	9°12	3°37	26°54	27°15	29° 3	29°45	20°19	0°51	M 6
T 7	10 59 28	16°39'09	13°30	26°25	15°12	28°35	2°35	9°16	3°35	26°55	27°14	28°53	29°42	20°26	0°54	T 7
W 8	11 3 24	17°39'01	25°58	26°D19	16°26	28°56	2°47	9°20	3°34	26°56	27°12	28°42	29°39	20°32	0°58	W 8
T 9	11 7 21	18°38'51	8♍16	26°19	17°39	29°17	2°59	9°23	3°32	26°57	27°10	28°29	29°36	20°39	1° 2	T 9
F 10	11 11 17	19°38'39	20°26	26°26	18°52	29°39	3°10	9°27	3°31	26°59	27° 9	28°16	29°32	20°46	1° 5	F 10
S 11	11 15 14	20°38'24	2♌28	26°37	20° 6	0♍1	3°22	9°31	3°29	27° 0	27° 7	28° 4	29°29	20°52	1° 9	S 11
S 12	11 19 11	21°38'08	14°23	26°55	21°19	0°23	3°34	9°35	3°27	27° 1	27° 5	27°54	29°26	20°59	1°12	S 12
M13	11 23 7	22°37'50	26°13	27°17	22°32	0°46	3°45	9°38	3°26	27° 2	27° 4	27°47	29°23	21° 6	1°16	M13
T 14	11 27 4	23°37'30	8♎1	27°45	23°45	1° 9	3°57	9°42	3°24	27° 3	27° 2	27°42	29°20	21°12	1°20	T 14
W15	11 31 0	24°37'08	19°50	28°17	24°58	1°32	4° 8	9°45	3°22	27° 4	27° 1	27°40	29°16	21°19	1°23	W15
T 16	11 34 57	25°36'44	1♐44	28°53	26°11	1°56	4°20	9°48	3°21	27° 6	26°59	27°D40	29°13	21°26	1°27	T 16
F 17	11 38 53	26°36'19	13°48	29°33	27°24	2°20	4°31	9°52	3°19	27° 7	26°57	27°40	29°10	21°32	1°31	F 17
S 18	11 42 50	27°35'52	26° 7	0♐17	28°36	2°44	4°42	9°55	3°17	27° 8	26°56	27°R41	29° 7	21°39	1°34	S 18
S 19	11 46 46	28°35'23	8♑46	1° 5	29°49	3° 8	4°53	9°58	3°15	27°10	26°54	27°40	29° 4	21°46	1°38	S 19
M20	11 50 43	29°34'53	21°51	1°56	1♒2	3°33	5° 4	10° 1	3°13	27°11	26°52	27°38	29° 1	21°52	1°42	M20
T 21	11 54 40	0♑34'20	5♈23	2°50	2°15	3°57	5°15	10° 4	3°11	27°12	26°51	27°33	28°57	21°59	1°45	T 21
W22	11 58 36	1°33'46	19°26	3°47	3°27	4°22	5°26	10° 6	3° 9	27°14	26°49	27°27	28°54	22° 6	1°49	W22
T 23	12 2 33	2°33'10	3♈56	4°47	4°40	4°48	5°36	10° 9	3° 7	27°15	26°47	27°19	28°51	22°12	1°53	T 23
F 24	12 6 29	3°32'32	18°49	5°50	5°52	5°13	5°47	10°12	3° 5	27°17	26°46	27°10	28°48	22°19	1°57	F 24
S 25	12 10 26	4°31'52	3♏58	6°55	7° 5	5°39	5°57	10°14	3° 3	27°18	26°44	27° 2	28°45	22°26	2° 0	S 25
S 26	12 14 22	5°31'10	19°11	8° 2	8°17	6° 5	6° 8	10°17	3° 1	27°20	26°43	26°56	28°42	22°32	2° 4	S 26
M27	12 18 19	6°30'26	4♉18	9°12	9°29	6°31	6°18	10°19	2°58	27°21	26°41	26°51	28°38	22°39	2° 8	M27
T 28	12 22 15	7°29'39	19°11	10°24	10°41	6°58	6°28	10°21	2°56	27°23	26°39	26°49	28°35	22°46	2°11	T 28
W29	12 26 12	8°28'51	3♊43	11°38	11°53	7°24	6°38	10°23	2°54	27°24	26°38	26°D49	28°32	22°52	2°15	W29
T 30	12 30 9	9°28'00	17°51	12°54	13° 5	7°51	6°48	10°25	2°52	27°26	26°36	26°50	28°29	22°59	2°19	T 30
F 31	12 34 5	10°Y27'07	1♊34	14°X12	14♋17	8♊18	6♈58	10♋27	2♌49	27♌28	26♍34	26♌51	28♌26	23♌6	2°Y22	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	7s35	18n24	0s27	8s48	3n 7	2n24	0s47	26n11	2n45	20s13	0s20	22s28	0n43	12s17	0n32	17n51	1s41
T 2	7 12	22 27	0n46	9 15	2 55	2 55	0 45	26 10	2 44	20 10	0 20	22 28	0 43	12 16	0 32	17 51	1 40
F 3	6 49	25 8	1 56	9 40	2 43	3 26	0 42	26 10	2 43	20 8	0 20	22 27	0 43	12 16	0 32	17 51	1 40
S 4	6 26	26 20	2 57	10 3	2 30	3 58	0 40	26 9	2 42	20 5	0 20	22 27	0 43	12 16	0 32	17 52	1 40
S 5	6 3	26 1	3 48	10 25	2 16	4 29	0 37	26 8	2 41	20 2	0 20	22 27	0 43	12 15	0 32	17 52	1 40
M 6	5 40	24 19	4 26	10 45	2 2	5 0	0 34	26 8	2 40	20 0	0 21	22 27	0 43	12 15	0 32	17 52	1 40
T 7	5 17	21 26	4 51	11 3	1 47	5 31	0 32	26 7	2 39	19 57	0 21	22 26	0 43	12 14	0 32	17 53	1 40
W 8	4 53	17 36	5 1	11 18	1 33	6 1	0 29	26 6	2 38	19 54	0 21	22 26	0 43	12 14	0 32	17 53	1 40
T 9	4 30	13 4	4 57	11 32	1 19	6 32	0 26	26 5	2 37	19 52	0 21	22 26	0 43	12 13	0 32	17 53	1 40
F 10	4 6	8 4	4 39	11 43	1 5	7 2	0 24	26 4	2 36	19 49	0 21	22 25	0 43	12 12	0 32	17 53	1 40
S 11	3 43	2 50	4 10	11 52	0 51	7 33	0 21	26 3	2 35	19 47	0 21	22 25	0 43	12 12	0 32	17 54	1 40
S 12	3 19	2s28	3 29	11 59	0 37	8 3	0 18	26 2	2 34	19 44	0 21	22 25	0 43	12 11	0 32	17 54	1 40
M13	2 56	7 40	2 39	12 4	0 24	8 33	0 15	26 1	2 33	19 41	0 22	22 25	0 43	12 11	0 32	17 54	1 40
T 14	2 32	12 35	1 43	12 6	0 11	9 3	0 12	26 0	2 32	19 39	0 22	22 24	0 43	12 10	0 32	17 55	1 40
W15	2 8	17 3	0 42	12 7	0s 2	9 32	0 9	25 9	2 31	19 36	0 22	22 24	0 43	12 10	0 32	17 55	1 40
T 16	1 45	20 54	0s22	12 6	0 14	10 2	0 6	25 57	2 30	19 34	0 22	22 24	0 43	12 9	0 32	17 55	1 40
F 17	1 21	23 54	1 25	12 2	0 25	10 31	0 3	25 56	2 29	19 31	0 22	22 24	0 43	12 8	0 32	17 56	1 40
S 18	0 57	25 51	2 26	11 57	0 36	11 0	0 0	25 54	2 28	19 29	0 22	22 24	0 43	12 8	0 32	17 56	1 40
S 19	0 34	26 32	3 22	11 50	0 47	11 28	0n 3	25 53	2 27	19 26	0 22	22 23	0 43	12 7	0 32	17 56	1 40
M20	0 10	25 47	4 9	11 41	0 57	11 57	0 6	25 51	2 26	19 24	0 23	22 23	0 43	12 6	0 32	17 57	1 39
T 21	0n14	23 32	4 43	11 31	1 6	12 25	0 9	25 50	2 25	19 21	0 23	22 23	0 43	12 6	0 32	17 57	1 39
W22	0 37	19 48	5 3	11 18	1 15	12 53	0 12	25 48	2 24	19 19	0 23	22 23	0 43	12 5	0 32	17 57	1 39
T 23	1 1	14 47	5 4	11 4	1 24	13 20	0 15	25 46	2 23	19 16	0 23	22 22	0 43	12 4	0 32	17 58	1 39
F 24	1 25	8 47	4 44	10 49	1 32	13 47	0 18	25 44	2 22	19 14	0 23	22 22	0 43	12 4	0 32	17 58	1 39
S 25	1 48	2 10	4 5	10 32	1 39	14 14	0 22	25 42	2 21	19 11	0 23	22 22	0 43	12 3	0 32	17 59	1 39
S 26	2 12	4n37	3 8	10 13	1 46	14 41	0 25	25 40	2 20	19 9	0 24	22 22	0 43	12 2	0 32	17 59	1 39
M27	2 35	11 7	1 58	9 53	1 53	15 7	0 28	25 38	2 19	19 7	0 24	22 22	0 43	12 1	0 32	17 59	1 39
T 28	2 59	16 53	0 41	9 31	1 59	15 33	0 31	25 35	2 18	19 4	0 24	22 22	0 43	12 1	0 32	18 0	1 39
W29	3 22	21 32	0n37	9 8	2 4	15 58	0 34	25 33	2 17	19 2	0 24	22 21	0 43	12 0	0 32	18 0	1 39
T 30	3 45	24 46	1 51	8 43	2 9	16 23	0 37	25 31	2 16	19 0	0 24	22 21	0 43	11 59	0 32	18 1	1 39
F 31	4n 9	26n24	2n56	8s17	2s14	16n48	0n41	25n28	2n15	18s57	0s24	22s21	0n43	11s58	0n32	18n 1	1s39

Julian Day Number = 2350797.5, Delta T = 10.58 sec
Ecliptic obliquity = 23°28'36", Nutation = - 0°00'14", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'22", Lahiri = 20°00'23Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1724
geocentric

APRIL 1724

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	12 38 2	11°26'11	14°54	15°32	15°29	8°45	7°8	10°29	2°R47	27°829	26°R33	26°R52	28°822	23°12	2°26	S 1
S 2	12 41 58	12°25'13	27°54	16°54	16°41	9°13	7°17	10°31	2°M45	27°31	26°M31	26°850	28°19	23°19	2°29	S 2
M 3	12 45 55	13°24'13	10°835	18°17	17°53	9°40	7°27	10°33	2°42	27°33	26°30	26°47	28°16	23°26	2°33	M 3
T 4	12 49 51	14°23'10	23° 2	19°43	19° 4	10° 8	7°36	10°34	2°40	27°34	26°28	26°42	28°13	23°32	2°37	T 4
W 5	12 53 48	15°22'06	5°M18	21°10	20°16	10°36	7°45	10°36	2°38	27°36	26°27	26°36	28°10	23°39	2°40	W 5
T 6	12 57 44	16°20'58	17°24	22°38	21°27	11° 4	7°54	10°37	2°35	27°38	26°25	26°28	28° 7	23°46	2°44	T 6
F 7	13 1 41	17°19'49	29°23	24° 9	22°39	11°33	8° 3	10°38	2°33	27°40	26°24	26°21	28° 3	23°52	2°48	F 7
S 8	13 5 38	18°18'38	11°17	25°41	23°50	12° 1	8°12	10°40	2°31	27°41	26°22	26°14	28° 0	23°59	2°51	S 8
S 9	13 9 34	19°17'24	23° 8	27°14	25° 1	12°30	8°21	10°41	2°28	27°43	26°21	26° 8	27°57	24° 6	2°55	S 9
M10	13 13 31	20°16'09	4°M56	28°49	26°12	12°58	8°29	10°42	2°26	27°45	26°19	26° 4	27°54	24°12	2°58	M10
T 11	13 17 27	21°14'52	16°46	0°Y26	27°23	13°27	8°38	10°43	2°23	27°47	26°18	26° 2	27°51	24°19	3° 2	T 11
W12	13 21 24	22°13'32	28°38	2° 5	28°34	13°56	8°46	10°43	2°21	27°49	26°16	26°D 2	27°47	24°26	3° 5	W12
T 13	13 25 20	23°12'12	10°136	3°45	29°45	14°26	8°54	10°44	2°18	27°51	26°15	26° 3	27°44	24°32	3° 9	T 13
F 14	13 29 17	24°10'49	22°44	5°27	0°II56	14°55	9° 2	10°45	2°16	27°53	26°13	26° 4	27°41	24°39	3°12	F 14
S 15	13 33 13	25° 9'25	5°3 5	7°10	2° 7	15°24	9°10	10°45	2°13	27°55	26°12	26° 6	27°38	24°46	3°16	S 15
S 16	13 37 10	26° 7'59	17°44	8°55	3°17	15°54	9°18	10°45	2°11	27°57	26°11	26° 7	27°35	24°52	3°19	S 16
M17	13 41 7	27° 6'31	0°145	10°42	4°28	16°24	9°26	10°46	2° 8	27°59	26° 9	26°R 8	27°32	24°59	3°23	M17
T 18	13 45 3	28° 5'02	14°11	12°30	5°38	16°54	9°33	10°46	2° 6	28° 1	26° 8	26° 7	27°28	25° 6	3°26	T 18
W19	13 49 0	29° 3'31	28° 4	14°20	6°48	17°24	9°41	10°46	2° 3	28° 3	26° 7	26° 4	27°25	25°12	3°30	W19
T 20	13 52 56	0°8 12	12°11	16°11	7°59	17°54	9°48	10°R46	2° 0	28° 5	26° 5	26° 1	27°22	25°19	3°33	T 20
F 21	13 56 53	1° 0'24	27° 8	18° 5	9° 9	18°24	9°55	10°46	1°58	28° 7	26° 4	25°58	27°19	25°26	3°36	F 21
S 22	14 0 49	1°58'48	12°Y11	19°59	10°19	18°55	10° 2	10°46	1°55	28° 9	26° 3	25°55	27°16	25°32	3°40	S 22
S 23	14 4 46	2°57'10	27°23	21°56	11°29	19°25	10° 9	10°46	1°53	28°11	26° 1	25°52	27°13	25°39	3°43	S 23
M24	14 8 42	3°55'31	12°835	23°54	12°38	19°56	10°15	10°45	1°50	28°13	26° 0	25°51	27° 9	25°46	3°46	M24
T 25	14 12 39	4°53'50	27°37	25°54	13°48	20°27	10°22	10°45	1°48	28°15	25°59	25°D50	27° 6	25°52	3°50	T 25
W26	14 16 36	5°52'06	12°II22	27°55	14°58	20°58	10°28	10°44	1°45	28°17	25°58	25°51	27° 3	25°59	3°53	W26
T 27	14 20 32	6°50'21	26°43	29°58	16° 7	21°29	10°34	10°43	1°43	28°19	25°57	25°52	27° 0	26° 6	3°56	T 27
F 28	14 24 29	7°48'34	10°37	28° 3	17°16	22° 0	10°40	10°43	1°40	28°21	25°55	25°53	26°57	26°12	3°59	F 28
S 29	14 28 25	8°46'45	24° 6	4° 8	18°26	22°31	10°46	10°42	1°38	28°23	25°54	25°54	26°53	26°19	4° 2	S 29
S 30	14 32 22	9°44'54	7°8 9	6°815	19°II35	23°3 3	10°152	10°341	1°M35	28°826	25°M53	25°R55	26°850	26°126	4°Y 6	S 30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n32	26n27	3n50	7s50	2s18	17n12	0n44	25n25	2n14	18s55	0s25	22s21	0n43	11s57	0n32	18n 1	1s39	16n41	16n44	19n29	19n50	6s16	3n35	2n51
S 2	4 55	25 2	4 31	7 21	2 21	17 36	0 47	25 23	2 13	18 53	0 25	22 21	0 43	11 57	0 32	18 2	1 39	16 41	16 44	19 29	19 49	6 20	3 37	2 51
M 3	5 18	22 22	4 57	6 51	2 24	17 59	0 50	25 20	2 13	18 50	0 25	22 21	0 43	11 56	0 32	18 2	1 39	16 42	16 44	19 28	19 48	6 23	3 38	2 51
T 4	5 41	18 43	5 8	6 20	2 27	18 22	0 53	25 17	2 12	18 48	0 25	22 21	0 43	11 55	0 32	18 3	1 39	16 42	16 44	19 27	19 48	6 26	3 39	2 51
W 5	6 4	14 19	5 6	5 47	2 29	18 45	0 57	25 14	2 11	18 46	0 25	22 20	0 43	11 54	0 32	18 3	1 39	16 43	16 43	19 25	19 47	6 29	3 41	2 51
T 6	6 26	9 25	4 49	5 14	2 30	19 7	1 0	25 10	2 10	18 44	0 25	22 20	0 43	11 53	0 32	18 4	1 39	16 43	16 43	19 24	19 46	6 32	3 42	2 51
F 7	6 49	4 13	4 20	4 39	2 31	19 28	1 3	25 7	2 9	18 42	0 26	22 20	0 43	11 53	0 32	18 4	1 39	16 44	16 43	19 22	19 45	6 35	3 44	2 51
S 8	7 11	1s 6	3 39	4 2	2 32	19 50	1 6	25 4	2 8	18 39	0 26	22 20	0 43	11 52	0 32	18 4	1 39	16 44	16 43	19 20	19 45	6 38	3 45	2 51
S 9	7 34	6 22	2 50	3 25	2 32	20 10	1 9	25 0	2 7	18 37	0 26	22 20	0 43	11 51	0 32	18 5	1 39	16 45	16 43	19 19	19 44	6 41	3 46	2 51
M10	7 56	11 25	1 53	2 47	2 31	20 30	1 12	24 56	2 6	18 35	0 26	22 20	0 43	11 50	0 32	18 5	1 39	16 45	16 43	19 18	19 43	6 44	3 48	2 51
T 11	8 18	16 4	0 50	2 7	2 30	20 50	1 15	24 53	2 6	18 33	0 26	22 20	0 43	11 49	0 32	18 6	1 38	16 46	16 42	19 18	19 43	6 48	3 49	2 51
W12	8 40	20 7	0s14	1 26	2 28	21 9	1 18	24 49	2 5	18 31	0 26	22 20	0 43	11 48	0 32	18 6	1 38	16 46	16 42	19 18	19 42	6 51	3 51	2 51
T 13	9 2	23 22	1 19	0 45	2 26	21 27	1 21	24 45	2 4	18 29	0 27	22 20	0 43	11 47	0 32	18 7	1 38	16 46	16 42	19 18	19 41	6 54	3 52	2 51
F 14	9 23	25 37	2 21	0 2	2 24	21 45	1 24	24 41	2 3	18 27	0 27	22 20	0 43	11 47	0 32	18 7	1 38	16 47	16 42	19 18	19 40	6 57	3 53	2 51
S 15	9 45	26 40	3 18	0n42	2 20	22 2	1 27	24 37	2 2	18 25	0 27	22 20	0 43	11 46	0 32	18 8	1 38	16 47	16 42	19 19	19 40	7 0	3 55	2 51
S 16	10 6	26 22	4 6	1 27	2 17	22 19	1 30	24 32	2 1	18 24	0 27	22 20	0 43	11 45	0 32	18 8	1 38	16 47	16 41	19 19	19 39	7 3	3 56	2 51
M17	10 28	24 38	4 44	2 12	2 13	22 35	1 33	24 28	2 1	18 22	0 27	22 20	0 43	11 44	0 32	18 9	1 38	16 48	16 41	19 19	19 38	7 6	3 57	2 51
T 18	10 49	21 30	5 7	2 59	2 8	22 51	1 36	24 23	2 0	18 20	0 28	22 20	0 43	11 43	0 32	18 9	1 38	16 48	16 41	19 19	19 38	7 9	3 59	2 51
W19	11 9	17 4	5 14	3 46	2 3	23 6	1 39	24 19	1 59	18 18	0 28	22 20	0 43	11 42	0 32	18 10	1 38	16 48	16 41	19 18	19 37	7 13	4 0	2 51
T 20	11 30	11 33	5 1	4 35	1 57	23 20	1 41	24 14	1 58	18 16	0 28	22 20	0 43	11 41	0 32	18 10	1 38	16 49	16 40	19 17	19 36	7 16	4 2	2 51
F 21	11 51	5 15	4 29	5 24	1 51	23 34	1 44	24 9	1 57	18 15	0 28	22 20	0 43	11 41	0 32	18 11	1 38	16 49	16 40	19 17	19 35	7 19	4 3	2 51
S 22	12 11	1n29	3 38	6 13	1 44	23 47	1 47	24 4	1 57	18 13	0 28	22 20	0 43	11 40	0 32	18 11	1 38	16 49	16 40	19 16	19 35	7 22	4 4	2 51
S 23	12 31	8 13	2 30	7 4	1 37	24 0	1 49	23 59	1 56	18 11	0 29	22 20	0 43	11 39	0 32	18 12	1 38	16 49	16 40	19 15	19 34	7 25	4 6	2 51
M24	12 51	14 29	1 12	7 54	1 29	24 12	1 52	23 53	1 55	18 10	0 29	22 20	0 43	11 38	0 32	18 12	1 38	16 50	16 39	19 15	19 33	7 28	4 7	2 51
T 25	13 10	19 49	0n10	8 46	1 21	24 23	1 54	23 48	1 54	18 8	0 29	22 20	0 43	11 37	0 32	18 12	1 38	16 50	16 39	19 15	19 33	7 31	4 8	2 51
W26	13 30	23 48	1 30	9 37	1 13	24 34	1 57	23 42	1 53	18 7	0 29	22 20	0 43	11 36	0 32	18 13	1 38	16 50	16 39	19 15	19 32	7 34	4 9	2 51
T 27	13 49	26 8	2 42	10 29	1 4	24 44	1 59	23 37	1 53	18 5	0 29	22 20	0 43	11 35	0 32	18 13	1 38	16 50	16 38	19 15	19 31	7 37	4 11	2 51
F 28	14 8	26 45	3 43	11 21	0 54	24 53	2 2	23 31	1 52	18 4	0 30	22 20	0 43	11 34	0 32	18 14	1 38	16 50	16 38	19 15	19 30	7 41	4 12	2 51
S 29	14 27	25 44	4 29	12 13	0 45	25 2	2 4	23 25	1 51	18 2	0 30	22 20	0 43	11 34	0 32	18 14	1 38	16 51	16 38	19 16	19 30	7 44	4 13	2 51
S 30	14n45	23n20	5n 0	13n 5	0s35	25n10	2n 6	23n19	1n50	18s 1	0s30	22s20	0n43	11s33	0n32	18n15	1s38	16n51	16n37	19n16	19n29	7s47	4n15	2n51

ASTRODIENST EPHEMERIS for the year 1724
geocentric

MAY 1724

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 36 18	10♈43'01	19♊51	8♈23	20♈44	23♈34	10♈57	10°R40	1°R32	28♈28	25°R52	25°R54	26♈47	26♈32	4♈9	M 1
T 2	14 40 15	11°41'06	2♈15	10°32	21°52	24° 6	11° 2	10♈39	1♈30	28°30	25♈51	25♈54	26°44	26°39	4°12	T 2
W 3	14 44 11	12°39'09	14°25	12°42	23° 1	24°37	11° 8	10°37	1°27	28°32	25°50	25°52	26°41	26°46	4°15	W 3
T 4	14 48 8	13°37'10	26°25	14°52	24°10	25° 9	11°13	10°36	1°25	28°34	25°49	25°50	26°38	26°52	4°18	T 4
F 5	14 52 5	14°35'09	8♈18	17° 2	25°18	25°41	11°18	10°35	1°23	28°36	25°48	25°49	26°34	26°59	4°21	F 5
S 6	14 56 1	15°33'06	20° 7	19°13	26°26	26°13	11°22	10°33	1°20	28°39	25°47	25°47	26°31	27° 6	4°24	S 6
S 7	14 59 58	16°31'02	1♈56	21°23	27°34	26°45	11°27	10°31	1°18	28°41	25°46	25°46	26°28	27°12	4°27	S 7
M 8	15 3 54	17°28'56	13°46	23°32	28°42	27°17	11°31	10°30	1°15	28°43	25°46	25°45	26°25	27°19	4°30	M 8
T 9	15 7 51	18°26'49	25°40	25°41	29°50	27°50	11°35	10°28	1°13	28°45	25°45	25°D45	26°22	27°26	4°32	T 9
W10	15 11 47	19°24'40	7♈40	27°49	0♈58	28°22	11°39	10°26	1°10	28°48	25°44	25°45	26°19	27°32	4°35	W10
T 11	15 15 44	20°22'30	19°48	29°55	2° 5	28°54	11°43	10°24	1° 8	28°50	25°43	25°46	26°15	27°39	4°38	T 11
F 12	15 19 40	21°20'18	2♈7	2♈0	3°13	29°27	11°47	10°22	1° 6	28°52	25°42	25°46	26°12	27°46	4°41	F 12
S 13	15 23 37	22°18'05	14°38	4° 3	4°20	29°59	11°50	10°20	1° 3	28°54	25°42	25°47	26° 9	27°52	4°44	S 13
S 14	15 27 34	23°15'51	27°24	6° 3	5°27	0♈32	11°53	10°18	1° 1	28°56	25°41	25°47	26° 6	27°59	4°46	S 14
M15	15 31 30	24°13'36	10♈28	8° 2	6°34	1° 5	11°57	10°15	0°59	28°59	25°40	25°47	26° 3	28° 6	4°49	M15
T 16	15 35 27	25°11'20	23°52	9°58	7°40	1°38	11°59	10°13	0°57	29° 1	25°39	25°47	25°59	28°12	4°52	T 16
W17	15 39 23	26° 9'02	7♈38	11°51	8°47	2°11	12° 2	10°11	0°54	29° 3	25°39	25°47	25°56	28°19	4°54	W17
T 18	15 43 20	27° 6'44	21°45	13°42	9°53	2°44	12° 5	10° 8	0°52	29° 5	25°38	25°47	25°53	28°26	4°57	T 18
F 19	15 47 16	28° 4'24	6♈13	15°30	11° 0	3°17	12° 7	10° 5	0°50	29° 8	25°38	25°47	25°50	28°32	4°59	F 19
S 20	15 51 13	29° 2'04	20°57	17°15	12° 5	3°50	12° 9	10° 3	0°48	29°10	25°37	25°48	25°47	28°39	5° 2	S 20
S 21	15 55 9	29°59'42	5♈54	18°57	13°11	4°23	12°11	10° 0	0°46	29°12	25°37	25°48	25°44	28°46	5° 4	S 21
M22	15 59 6	0♈57'20	20°54	20°36	14°17	4°57	12°13	9°57	0°44	29°14	25°36	25°R48	25°40	28°52	5° 7	M22
T 23	16 3 3	1°54'56	5♈50	22°12	15°22	5°30	12°15	9°54	0°41	29°17	25°36	25°48	25°37	28°59	5° 9	T 23
W24	16 6 59	2°52'31	20°33	23°44	16°27	6° 3	12°16	9°51	0°39	29°19	25°35	25°48	25°34	29° 6	5°11	W24
T 25	16 10 56	3°50'05	4♈58	25°14	17°32	6°37	12°17	9°48	0°37	29°21	25°35	25°47	25°31	29°12	5°14	T 25
F 26	16 14 52	4°47'38	18°59	26°41	18°37	7°11	12°19	9°45	0°35	29°23	25°35	25°46	25°28	29°19	5°16	F 26
S 27	16 18 49	5°45'09	2♈34	28° 4	19°42	7°44	12°19	9°42	0°34	29°26	25°34	25°45	25°25	29°26	5°18	S 27
S 28	16 22 45	6°42'40	15°43	29°25	20°46	8°18	12°20	9°38	0°32	29°28	25°34	25°44	25°21	29°32	5°20	S 28
M29	16 26 42	7°40'08	28°29	0♈42	21°50	8°52	12°21	9°35	0°30	29°30	25°34	25°43	25°18	29°39	5°22	M29
T 30	16 30 38	8°37'36	10♈55	1°55	22°54	9°26	12°21	9°32	0°28	29°32	25°33	25°D43	25°15	29°46	5°24	T 30
W31	16 34 35	9♈35'02	23♈5	3♈5	23♈57	10♈0	12°R21	9°328	0♈26	29°35	25♈33	25♈43	25♈12	29♈52	5♈26	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	15n 4	19n51	5n14	13n56	0s25	25n17	2n 8	23n13	1n50	18s 0	0s30	22s20	0n43	11s32	0n32	18n15
T 2	15 22	15 34	5 14	14 47	0 14	25 24	2 10	23 7	1 49	17 58	0 30	22 20	0 43	11 31	0 32	18 16
W 3	15 40	10 45	5 0	15 37	0 4	25 30	2 12	23 0	1 48	17 57	0 31	22 21	0 43	11 30	0 32	18 16
T 4	15 57	5 36	4 33	16 26	0n 7	25 35	2 14	22 54	1 47	17 56	0 31	22 21	0 43	11 29	0 32	18 17
F 5	16 14	0 17	3 54	17 14	0 17	25 39	2 16	22 47	1 46	17 55	0 31	22 21	0 43	11 28	0 32	18 17
S 6	16 31	5s 1	3 5	18 0	0 28	25 43	2 18	22 40	1 46	17 54	0 31	22 21	0 43	11 28	0 32	18 18
S 7	16 48	10 9	2 8	18 45	0 38	25 47	2 19	22 33	1 45	17 53	0 31	22 21	0 43	11 27	0 32	18 18
M 8	17 5	14 57	1 6	19 28	0 48	25 49	2 21	22 26	1 44	17 52	0 32	22 21	0 43	11 26	0 32	18 19
T 9	17 21	19 12	0 0	20 9	0 58	25 51	2 23	22 19	1 43	17 51	0 32	22 21	0 42	11 25	0 32	18 19
W10	17 37	22 42	1s 6	20 48	1 8	25 52	2 24	22 12	1 43	17 50	0 32	22 22	0 42	11 24	0 32	18 20
T 11	17 52	25 14	2 10	21 25	1 17	25 53	2 25	22 4	1 42	17 49	0 32	22 22	0 42	11 23	0 32	18 20
F 12	18 7	26 36	3 8	21 59	1 25	25 53	2 27	21 57	1 41	17 48	0 32	22 22	0 42	11 23	0 32	18 21
S 13	18 22	26 38	3 59	22 31	1 33	25 52	2 28	21 49	1 41	17 47	0 33	22 22	0 42	11 22	0 32	18 21
S 14	18 37	25 17	4 40	23 0	1 41	25 50	2 29	21 42	1 40	17 47	0 33	22 22	0 42	11 21	0 32	18 22
M15	18 51	22 33	5 6	23 27	1 48	25 48	2 30	21 34	1 39	17 46	0 33	22 23	0 42	11 20	0 32	18 22
T 16	19 5	18 34	5 17	23 51	1 54	25 45	2 31	21 26	1 38	17 45	0 34	22 23	0 42	11 20	0 32	18 23
W17	19 19	13 31	5 11	24 13	1 59	25 42	2 31	21 17	1 38	17 45	0 34	22 23	0 42	11 19	0 32	18 23
T 18	19 33	7 39	4 46	24 32	2 4	25 38	2 32	21 9	1 37	17 44	0 34	22 23	0 42	11 18	0 32	18 24
F 19	19 46	1 14	4 2	24 48	2 8	25 33	2 32	21 1	1 36	17 44	0 34	22 23	0 42	11 17	0 32	18 24
S 20	19 58	5n23	3 2	25 2	2 11	25 28	2 33	20 52	1 36	17 43	0 34	22 24	0 42	11 17	0 32	18 25
S 21	20 11	11 48	1 48	25 14	2 13	25 22	2 33	20 44	1 35	17 43	0 34	22 24	0 42	11 16	0 31	18 25
M22	20 23	17 34	0 27	25 23	2 15	25 15	2 33	20 35	1 34	17 43	0 35	22 24	0 42	11 15	0 31	18 26
T 23	20 35	22 13	0n55	25 30	2 15	25 8	2 33	20 26	1 33	17 43	0 35	22 24	0 42	11 14	0 31	18 26
W24	20 46	25 21	2 13	25 35	2 15	25 0	2 33	20 17	1 33	17 42	0 35	22 25	0 42	11 14	0 31	18 27
T 25	20 57	26 44	3 21	25 37	2 14	24 51	2 33	20 8	1 32	17 42	0 35	22 25	0 42	11 13	0 31	18 27
F 26	21 8	26 19	4 14	25 38	2 12	24 42	2 33	19 59	1 31	17 42	0 36	22 25	0 42	11 12	0 31	18 28
S 27	21 18	24 21	4 51	25 37	2 10	24 33	2 33	19 49	1 31	17 42	0 36	22 25	0 42	11 12	0 31	18 28
S 28	21 28	21 6	5 12	25 35	2 6	24 22	2 32	19 40	1 30	17 42	0 36	22 26	0 42	11 11	0 31	18 29
M29	21 37	16 57	5 17	25 31	2 2	24 12	2 31	19 30	1 29	17 42	0 36	22 26	0 42	11 11	0 31	18 29
T 30	21 47	12 12	5 6	25 25	1 57	24 0	2 31	19 21	1 29	17 42	0 37	22 26	0 42	11 10	0 31	18 30
W31	21n55	7n 4	4n42	25n18	1n51	23n48	2n30	19n11	1n28	17s43	0s37	22s27	0n42	11s 9	0n31	18n30

Julian Day Number = 2350858.5, Delta T = 10.59 sec
Ecliptic obliquity = 23°28'36", Nutation = - 0°00'15", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'31", Lahiri = 20°00'31"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1724
geocentric

JUNE 1724

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 38 32	10 ^{II} 32'27	5 [♂] 3	4 [♂] 12	25 [♂] 1	10 [♂] 34	12°R21	9°R25	0°R24	29 [♂] 37	25°R33	25 [♂] 44	25 [♂] 9	29 [♂] 59	5 [♂] 28	T 1
F 2	16 42 28	11°29'50	16°54	5°15	26° 4	11° 8	12 [♂] 21	9 [♂] 21	0 [♂] 23	29°39	25 [♂] 33	25°46	25° 5	0 [♂] 6	5°30	F 2
S 3	16 46 25	12°27'13	28°42	6°15	27° 7	11°42	12°20	9°17	0°21	29°41	25°33	25°47	25° 2	0°12	5°32	S 3
S 4	16 50 21	13°24'35	10 [♂] 32	7°11	28° 9	12°17	12°19	9°14	0°19	29°43	25°33	25°48	24°59	0°19	5°34	S 4
M 5	16 54 18	14°21'55	22°26	8° 4	29°11	12°51	12°19	9°10	0°18	29°46	25°D33	25°R49	24°56	0°26	5°36	M 5
T 6	16 58 14	15°19'15	4 [♂] 28	8°52	0 [♂] 13	13°25	12°17	9° 6	0°16	29°48	25°33	25°49	24°53	0°32	5°38	T 6
W 7	17 2 11	16°16'34	16°39	9°37	1°15	14° 0	12°16	9° 2	0°15	29°50	25°33	25°47	24°50	0°39	5°39	W 7
T 8	17 6 7	17°13'53	29° 1	10°18	2°16	14°34	12°15	8°59	0°13	29°52	25°33	25°45	24°46	0°46	5°41	T 8
F 9	17 10 4	18°11'10	11 [♂] 37	10°54	3°17	15° 9	12°13	8°55	0°12	29°54	25°33	25°42	24°43	0°52	5°42	F 9
S 10	17 14 1	19° 8'28	24°25	11°27	4°17	15°44	12°11	8°51	0°10	29°56	25°33	25°39	24°40	0°59	5°44	S 10
S 11	17 17 57	20° 5'44	7 [♂] 27	11°55	5°18	16°18	12° 9	8°47	0° 9	29°59	25°33	25°35	24°37	1° 6	5°46	S 11
M12	17 21 54	21° 3'01	20°44	12°19	6°17	16°53	12° 7	8°43	0° 8	0 ^{II} 1	25°34	25°32	24°34	1°12	5°47	M12
T 13	17 25 50	22° 0'16	4 [♂] 15	12°38	7°17	17°28	12° 5	8°38	0° 6	0° 3	25°34	25°30	24°31	1°19	5°48	T 13
W14	17 29 47	22°57'32	18° 0	12°53	8°16	18° 3	12° 2	8°34	0° 5	0° 5	25°34	25°D29	24°27	1°26	5°50	W14
T 15	17 33 43	23°54'47	2 [♂] 0	13° 3	9°15	18°38	12° 0	8°30	0° 4	0° 7	25°34	25°29	24°24	1°32	5°51	T 15
F 16	17 37 40	24°52'02	16°14	13° 9	10°13	19°13	11°57	8°26	0° 3	0° 9	25°35	25°30	24°21	1°39	5°52	F 16
S 17	17 41 36	25°49'17	0 [♂] 38	13°R10	11°11	19°48	11°54	8°22	0° 2	0°11	25°35	25°32	24°18	1°46	5°53	S 17
S 18	17 45 33	26°46'32	15°12	13° 7	12° 9	20°23	11°50	8°17	0° 1	0°13	25°35	25°33	24°15	1°52	5°55	S 18
M19	17 49 30	27°43'47	29°50	12°59	13° 6	20°58	11°47	8°13	29 [♂] 59	0°15	25°36	25°R33	24°11	1°59	5°56	M19
T 20	17 53 26	28°41'02	14 ^{II} 26	12°47	14° 2	21°33	11°43	8° 9	29°59	0°17	25°36	25°32	24° 8	2° 5	5°57	T 20
W21	17 57 23	29°38'16	28°55	12°31	14°59	22° 8	11°39	8° 4	29°58	0°19	25°37	25°29	24° 5	2°12	5°58	W21
T 22	18 1 19	0 [♂] 35'30	13 [♂] 10	12°10	15°54	22°44	11°35	8° 0	29°57	0°21	25°37	25°25	24° 2	2°19	5°59	T 22
F 23	18 5 16	1°32'44	27° 6	11°47	16°49	23°19	11°31	7°56	29°56	0°23	25°38	25°19	23°59	2°25	6° 0	F 23
S 24	18 9 12	2°29'58	10 [♂] 40	11°19	17°44	23°55	11°27	7°51	29°56	0°25	25°38	25°14	23°56	2°32	6° 0	S 24
S 25	18 13 9	3°27'11	23°51	10°49	18°38	24°30	11°22	7°47	29°55	0°27	25°39	25° 8	23°52	2°39	6° 1	S 25
M26	18 17 6	4°24'23	6 [♂] 39	10°17	19°32	25° 6	11°18	7°43	29°54	0°29	25°40	25° 4	23°49	2°45	6° 2	M26
T 27	18 21 2	5°21'35	19° 6	9°43	20°25	25°41	11°13	7°38	29°54	0°31	25°40	25° 1	23°46	2°52	6° 3	T 27
W28	18 24 59	6°18'47	1 [♂] 17	9° 7	21°17	26°17	11° 8	7°34	29°53	0°33	25°41	24°D59	23°43	2°59	6° 3	W28
T 29	18 28 55	7°15'59	13°15	8°30	22° 9	26°53	11° 3	7°29	29°53	0°35	25°42	24°59	23°40	3° 5	6° 4	T 29
F 30	18 32 52	8 [♂] 13'10	25 [♂] 6	7 [♂] 53	23 [♂] 0	27 [♂] 29	10 [♂] 58	7 [♂] 25	29 [♂] 52	0 ^{II} 37	25 [♂] 43	25 [♂] 0	23 [♂] 37	3 [♂] 12	6 [♂] 4	F 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	22n 4	1n45	4n 5	25n 9	1n45	23n36	2n29	19n 1	1n27	17s43	0s37	22s27	0n42	11s 9	0n31	18n31
F 2	22 12	3s35	3 19	25 0	1 37	23 23	2 28	18 51	1 27	17 43	0 37	22 27	0 42	11 8	0 31	18 31
S 3	22 19	8 47	2 24	24 49	1 29	23 10	2 26	18 41	1 26	17 44	0 37	22 27	0 42	11 8	0 31	18 31
S 4	22 27	13 41	1 24	24 37	1 20	22 56	2 25	18 30	1 25	17 44	0 38	22 28	0 42	11 7	0 31	18 32
M 5	22 34	18 6	0 19	24 24	1 11	22 41	2 23	18 20	1 25	17 44	0 38	22 28	0 42	11 6	0 31	18 32
T 6	22 40	21 51	0s48	24 11	1 0	22 26	2 21	18 9	1 24	17 45	0 38	22 28	0 41	11 6	0 31	18 33
W 7	22 46	24 40	1 52	23 57	0 49	22 11	2 20	17 59	1 23	17 46	0 38	22 29	0 41	11 5	0 31	18 33
T 8	22 52	26 21	2 53	23 42	0 37	21 55	2 18	17 48	1 22	17 46	0 39	22 29	0 41	11 5	0 31	18 34
F 9	22 57	26 43	3 46	23 26	0 25	21 39	2 15	17 37	1 22	17 47	0 39	22 29	0 41	11 4	0 31	18 34
S 10	23 2	25 41	4 29	23 10	0 12	21 22	2 13	17 26	1 21	17 48	0 39	22 30	0 41	11 4	0 31	18 35
S 11	23 6	23 14	4 58	22 54	0s 2	21 5	2 11	17 15	1 21	17 48	0 39	22 30	0 41	11 4	0 31	18 35
M12	23 10	19 32	5 13	22 38	0 17	20 48	2 8	17 4	1 20	17 49	0 40	22 30	0 41	11 3	0 31	18 36
T 13	23 14	14 47	5 10	22 21	0 31	20 30	2 5	16 53	1 19	17 50	0 40	22 31	0 41	11 3	0 31	18 36
W14	23 17	9 12	4 50	22 5	0 47	20 11	2 2	16 41	1 19	17 51	0 40	22 31	0 41	11 2	0 31	18 36
T 15	23 20	3 4	4 13	21 48	1 2	19 53	1 59	16 30	1 18	17 52	0 40	22 31	0 41	11 2	0 31	18 37
F 16	23 23	3n20	3 19	21 32	1 18	19 34	1 56	16 18	1 17	17 53	0 41	22 32	0 41	11 2	0 31	18 37
S 17	23 25	9 39	2 12	21 15	1 35	19 15	1 52	16 7	1 17	17 54	0 41	22 32	0 41	11 1	0 31	18 38
S 18	23 26	15 31	0 56	20 59	1 51	18 55	1 49	15 55	1 16	17 55	0 41	22 32	0 41	11 1	0 31	18 38
M19	23 27	20 32	0n23	20 44	2 7	18 35	1 45	15 43	1 15	17 56	0 41	22 33	0 41	11 1	0 31	18 38
T 20	23 28	24 15	1 41	20 29	2 24	18 15	1 41	15 31	1 15	17 58	0 41	22 33	0 41	11 0	0 31	18 39
W21	23 29	26 20	2 52	20 14	2 40	17 54	1 37	15 19	1 14	17 59	0 42	22 33	0 41	11 0	0 31	18 39
T 22	23 29	26 39	3 51	20 0	2 56	17 34	1 32	15 7	1 13	18 0	0 42	22 34	0 40	11 0	0 31	18 40
F 23	23 28	25 15	4 34	19 47	3 11	17 13	1 28	14 55	1 13	18 2	0 42	22 34	0 40	10 59	0 31	18 40
S 24	23 27	22 24	5 1	19 35	3 26	16 52	1 23	14 42	1 12	18 3	0 42	22 34	0 40	10 59	0 31	18 40
S 25	23 26	18 28	5 11	19 23	3 39	16 30	1 18	14 30	1 11	18 5	0 43	22 35	0 40	10 59	0 30	18 41
M26	23 24	13 48	5 4	19 13	3 52	16 9	1 13	14 17	1 11	18 6	0 43	22 35	0 40	10 59	0 30	18 41
T 27	23 22	8 40	4 44	19 4	4 4	15 47	1 8	14 5	1 10	18 8	0 43	22 35	0 40	10 59	0 30	18 42
W28	23 20	3 19	4 11	18 55	4 15	15 25	1 3	13 52	1 9	18 9	0 43	22 36	0 40	10 59	0 30	18 42
T 29	23 17	2s 3	3 27	18 49	4 24	15 3	0 57	13 39	1 9	18 11	0 43	22 36	0 40	10 58	0 30	18 42
F 30	23n13	7s19	2n35	18n43	4s32	14n41	0n51	13n26	1n 8	18s12	0s44	22s36	0n40	10s58	0n30	18n43

Julian Day Number = 2350889.5, Delta T = 10.60 sec
Ecliptic obliquity = 23°28'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'35, Lahiri = 20°00'36Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1724
geocentric

JULY 1724

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 36 48	9♉10'21	6♍55	7°R17	23♏51	28♏ 5	10°R52	7°R21	29°R52	0♐39	25♎43	25♎ 2	23♎33	3♍19	6°Y 5	S 1
S 2	18 40 45	10° 7'31	18°47	6♉42	24°40	28°40	10♋47	7♉16	29♎52	0°41	25°44	25° 3	23°30	3°25	6° 5	S 2
M 3	18 44 41	11° 4'42	0♈45	6° 9	25°29	29°16	10°41	7°12	29°51	0°42	25°45	25°R 3	23°27	3°32	6° 6	M 3
T 4	18 48 38	12° 1'53	12°55	5°37	26°18	29°52	10°35	7° 7	29°51	0°44	25°46	25° 1	23°24	3°39	6° 6	T 4
W 5	18 52 35	12°59'03	25°18	5° 9	27° 5	0♐28	10°29	7° 3	29°51	0°46	25°47	24°57	23°21	3°45	6° 6	W 5
T 6	18 56 31	13°56'14	7♉57	4°44	27°52	1° 5	10°23	6°59	29°51	0°48	25°48	24°52	23°17	3°52	6° 6	T 6
F 7	19 0 28	14°53'25	20°52	4°23	28°38	1°41	10°17	6°54	29°51	0°49	25°49	24°44	23°14	3°59	6° 7	F 7
S 8	19 4 24	15°50'36	4♋ 3	4° 6	29°23	2°17	10°11	6°50	29°D51	0°51	25°50	24°36	23°11	4° 5	6° 7	S 8
S 9	19 8 21	16°47'47	17°28	3°54	0♐ 7	2°53	10° 4	6°46	29°51	0°53	25°51	24°27	23° 8	4°12	6°R 7	S 9
M10	19 12 17	17°44'59	1♈ 6	3°47	0°50	3°30	9°58	6°41	29°51	0°55	25°52	24°20	23° 5	4°19	6° 7	M10
T 11	19 16 14	18°42'12	14°53	3°D44	1°32	4° 6	9°51	6°37	29°51	0°56	25°53	24°14	23° 2	4°25	6° 7	T 11
W12	19 20 10	19°39'24	28°49	3°47	2°13	4°42	9°44	6°33	29°51	0°58	25°54	24°10	22°58	4°32	6° 6	W12
T 13	19 24 7	20°36'38	12°Y51	3°56	2°53	5°19	9°37	6°29	29°51	0°59	25°55	24° 8	22°55	4°39	6° 6	T 13
F 14	19 28 4	21°33'52	26°58	4°10	3°32	5°55	9°30	6°24	29°52	1° 1	25°57	24°D 8	22°52	4°45	6° 6	F 14
S 15	19 32 0	22°31'07	11♎ 9	4°29	4°10	6°32	9°23	6°20	29°52	1° 3	25°58	24° 8	22°49	4°52	6° 6	S 15
S 16	19 35 57	23°28'23	25°23	4°55	4°47	7° 9	9°16	6°16	29°52	1° 4	25°59	24°R 9	22°46	4°59	6° 5	S 16
M17	19 39 53	24°25'40	9♐36	5°26	5°23	7°45	9° 9	6°12	29°53	1° 6	26° 0	24° 8	22°43	5° 5	6° 5	M17
T 18	19 43 50	25°22'57	23°48	6° 2	5°57	8°22	9° 1	6° 8	29°53	1° 7	26° 2	24° 5	22°39	5°12	6° 5	T 18
W19	19 47 46	26°20'16	7♉53	6°44	6°30	8°59	8°54	6° 4	29°54	1° 9	26° 3	23°59	22°36	5°18	6° 4	W19
T 20	19 51 43	27°17'35	21°48	7°32	7° 2	9°36	8°47	6° 0	29°54	1°10	26° 4	23°51	22°33	5°25	6° 4	T 20
F 21	19 55 39	28°14'54	5♏28	8°25	7°32	10°13	8°39	5°56	29°55	1°11	26° 6	23°41	22°30	5°32	6° 3	F 21
S 22	19 59 36	29°12'15	18°52	9°24	8° 1	10°49	8°31	5°52	29°56	1°13	26° 7	23°30	22°27	5°38	6° 2	S 22
S 23	20 3 33	0♏ 9'35	1♐55	10°28	8°28	11°26	8°24	5°48	29°56	1°14	26° 9	23°20	22°23	5°45	6° 2	S 23
M24	20 7 29	1° 6'57	14°39	11°37	8°54	12° 4	8°16	5°45	29°57	1°16	26°10	23°10	22°20	5°52	6° 1	M24
T25	20 11 26	2° 4'19	27° 5	12°51	9°18	12°41	8° 8	5°41	29°58	1°17	26°12	23° 3	22°17	5°58	6° 0	T25
W26	20 15 22	3° 1'41	9♎14	14°11	9°41	13°18	8° 1	5°37	29°59	1°18	26°13	22°58	22°14	6° 5	5°59	W26
T 27	20 19 19	3°59'04	21°12	15°35	10° 1	13°55	7°53	5°34	29°59	1°19	26°15	22°56	22°11	6°12	5°58	T 27
F 28	20 23 15	4°56'28	3♍ 3	17° 3	10°20	14°32	7°45	5°30	0♍ 1	1°21	26°16	22°D55	22° 8	6°18	5°57	F 28
S 29	20 27 12	5°53'52	14°51	18°37	10°37	15°10	7°37	5°26	0° 2	1°22	26°18	22°55	22° 4	6°25	5°56	S 29
S 30	20 31 8	6°51'17	26°44	20°14	10°52	15°47	7°30	5°23	0° 3	1°23	26°19	22°R55	22° 1	6°32	5°55	S 30
M31	20 35 5	7♏48'42	8♈45	21♎56	11♐ 5	16♐24	7♋22	5♉20	0♍ 4	1°24	26°21	22♎54	21♎58	6♍38	5°Y54	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	23n10	12s19	1n37	18n38	4s39	14n18	0n45	13n13	1n 8	18s14	0s44	22s37	0n40	10s58	0n30	18n43	1s38	16n29	16n10	19n 3	18n41	10s58	5n 6	2n55	
S 2	23 5	16 53	0 34	18 35	4 43	13 56	0 39	13 0	1 7	18 16	0 44	22 37	0 40	10 58	0 30	18 43	1 38	16 29	16 9	19 3	18 41	11 1	5 6	2 55	
M 3	23 1	20 51	0s31	18 34	4 47	13 33	0 32	12 47	1 6	18 18	0 44	22 37	0 40	10 58	0 30	18 44	1 38	16 28	16 9	19 3	18 40	11 4	5 6	2 55	
T 4	22 56	23 57	1 35	18 33	4 48	13 11	0 26	12 33	1 6	18 19	0 45	22 38	0 39	10 58	0 30	18 44	1 38	16 27	16 8	19 3	18 39	11 7	5 7	2 56	
W 5	22 51	25 59	2 36	18 34	4 48	12 48	0 19	12 20	1 5	18 21	0 45	22 38	0 39	10 58	0 30	18 44	1 38	16 26	16 8	19 2	18 38	11 10	5 7	2 56	
T 6	22 45	26 44	3 30	18 37	4 47	12 25	0 12	12 7	1 4	18 23	0 45	22 38	0 39	10 58	0 30	18 45	1 38	16 26	16 8	19 1	18 37	11 13	5 7	2 56	
F 7	22 39	26 3	4 15	18 41	4 44	12 3	0 5	11 53	1 4	18 25	0 45	22 39	0 39	10 58	0 30	18 45	1 38	16 25	16 7	18 59	18 37	11 16	5 7	2 56	
S 8	22 32	23 55	4 47	18 45	4 39	11 40	0s 3	11 40	1 3	18 27	0 45	22 39	0 39	10 58	0 30	18 45	1 38	16 24	16 7	18 57	18 36	11 19	5 7	2 56	
S 9	22 25	20 26	5 4	18 52	4 34	11 17	0 10	11 26	1 2	18 29	0 46	22 39	0 39	10 58	0 30	18 46	1 38	16 23	16 6	18 55	18 35	11 22	5 7	2 56	
M10	22 18	15 50	5 4	18 59	4 27	10 55	0 18	11 12	1 2	18 31	0 46	22 40	0 39	10 58	0 30	18 46	1 38	16 22	16 6	18 53	18 34	11 25	5 7	2 56	
T 11	22 10	10 22	4 47	19 7	4 18	10 32	0 26	10 58	1 1	18 33	0 46	22 40	0 39	10 58	0 30	18 46	1 39	16 21	16 5	18 51	18 33	11 28	5 7	2 56	
W12	22 2	4 20	4 12	19 17	4 9	10 10	0 35	10 44	1 1	18 35	0 46	22 40	0 39	10 58	0 30	18 47	1 39	16 21	16 5	18 50	18 33	11 31	5 8	2 56	
T 13	21 54	1n59	3 23	19 27	3 59	9 47	0 43	10 30	1 0	18 37	0 46	22 41	0 39	10 58	0 30	18 47	1 39	16 20	16 4	18 50	18 32	11 34	5 8	2 56	
F 14	21 45	8 14	2 20	19 37	3 47	9 25	0 52	10 16	0 59	18 39	0 46	22 41	0 38	10 58	0 30	18 47	1 39	16 19	16 4	18 50	18 31	11 37	5 8	2 56	
S 15	21 36	14 6	1 9	19 49	3 35	9 3	1 1	10 2	0 59	18 41	0 47	22 41	0 38	10 59	0 30	18 47	1 39	16 18	16 4	18 50	18 30	11 40	5 8	2 57	
S 16	21 26	19 15	0n 7	20 0	3 23	8 41	1 10	9 48	0 58	18 43	0 47	22 41	0 38	10 59	0 30	18 48	1 39	16 17	16 3	18 50	18 29	11 43	5 7	2 57	
M17	21 16	23 16	1 22	20 12	3 10	8 19	1 20	9 34	0 57	18 45	0 47	22 42	0 38	10 59	0 30	18 48	1 39	16 16	16 3	18 50	18 29	11 46	5 7	2 57	
T 18	21 6	25 51	2 31	20 25	2 56	7 57	1 29	9 19	0 57	18 47	0 47	22 42	0 38	10 59	0 30	18 48	1 39	16 15	16 2	18 49	18 28	11 49	5 7	2 57	
W19	20 55	26 45	3 31	20 37	2 42	7 36	1 39	9 5	0 56	18 49	0 47	22 42	0 38	10 59	0 30	18 48	1 39	16 15	16 2	18 48	18 27	11 52	5 7	2 57	
T 20	20 44	25 57	4 18	20 48	2 28	7 15	1 49	8 51	0 56	18 51	0 48	22 43	0 38	11 0	0 30	18 49	1 39	16 14	16 2	18 46	18 26	11 55	5 7	2 57	
F 21	20 33	23 35	4 48	21 0	2 13	6 54	2 0	8 36	0 55	18 54	0 48	22 43	0 38	11 0	0 30	18 49	1 39	16 13	16 1	18 43	18 25	11 58	5 7	2 57	
S 22	20 21	19 58	5 2	21 11	1 58	6 34	2 10	8 21	0 54	18 56	0 48	22 43	0 38	11 0	0 30	18 49	1 39	16 12	16 1	18 41	18 25	12 1	5 7	2 57	
S 23	20 9	15 28	5 0	21 21	1 43	6 13	2 21	8 7	0 54	18 58	0 48	22 43	0 38	11 0	0 30	18 49	1 39	16 11	16 0	18 38	18 24	12 4	5 6	2 57	
M24	19 56	10 23	4 42	21 30	1 29	5 54	2 32	7 52	0 53	19 0	0 48	22 44	0 37	11 1	0 29	18 50	1 39	16 10	16 0	18 36	18 23	12 7	5 6	2 57	
T25	19 44	5 1	4 12	21 38	1 14	5 34	2 43	7 37	0 52	19 2	0 48	22 44	0 37	11 1	0 29	18 50	1 39	16 9	16 0	18 34	18 22	12 10	5 6	2 57	
W26	19 31	0s27	3 30	21 44	0 59	5 15	2 55	7 22	0 52	19 4	0 48	22 44	0 37	11 1	0 29	18 50	1 39	16 8	15 59	18 33	18 21	12 13	5 6	2 57	
T 27	19 17	5 48	2 40	21 49	0 45	4 57	3 6	7 7	0 51	19 7	0 49	22 45	0 37	11 2	0 29	18 50	1 39	16 7	15 59	18 32	18 21	12 16	5 5	2 58	
F 28	19 4	10 55	1 44	21 52	0 31	4 39	3 18	6 52	0 51	19 9	0 49	22 45	0 37	11 2	0 29	18 51	1 39	16 6	15 59	18 32	18 20	12 19	5 5	2 58	
S 29	18 50	15 38	0 43	21 54	0 17	4 21	3 30	6 37	0 50	19 11	0 49	22 45	0 37	11 3	0 29	18 51	1 39	16 5	15 58	18 32	18 19	12 22	5 5	2 58	
S 30	18 35	19 47	0s20	21 53	0 4	4 4	3 42	6 22	0 49	19 13	0 49	22 45	0 37	11 3	0 29	18 51	1 39	16 4	15 58	18 32	18 18	12 25	5 4	2 58	
M31	18n21	23s10	1s23	21n49	0n 8	3n48	3s55	6n 7	0n49	19s15	0s49	22s46	0n37	11s 4	0n29	18n51	1s39	16n 3	15n58	18n32	18n17	12s28	5n 4	2n58	

ASTRODIENST EPHEMERIS for the year 1724

geocentric

AUGUST 1724

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 39 2	8♌46'09	21♌0	23♌41	11♌16	17♌2	7♌14	5♌16	0♌6	1♌25	26♌23	22♌R51	21♌855	6♌45	5♌R53	T 1	
W 2	20 42 58	9°43'36	3♌33	25°29	11°25	17°39	7♌6	5♌13	0°7	1°26	26°24	22♌846	21°52	6°52	5♌Y52	W 2	
T 3	20 46 55	10°41'04	16°25	27°20	11°32	18°17	6°58	5°10	0°8	1°27	26°26	22°38	21°49	6°58	5°50	T 3	
F 4	20 50 51	11°38'33	29°38	29°15	11°36	18°54	6°51	5°7	0°10	1°28	26°28	22°28	21°45	7°5	5°49	F 4	
S 5	20 54 48	12°36'03	13♌11	1♌11	11°R39	19°32	6°43	5°4	0°11	1°29	26°30	22°16	21°42	7°12	5°48	S 5	
S 6	20 58 44	13°33'34	27°1	3°9	11°39	20°10	6°35	5°1	0°12	1°30	26°31	22°4	21°39	7°18	5°46	S 6	
M 7	21 2 41	14°31'07	11♌5	5°9	11°36	20°48	6°28	4°58	0°14	1°31	26°33	21°53	21°36	7°25	5°45	M 7	
T 8	21 6 37	15°28'40	25°17	7°10	11°31	21°25	6°20	4°55	0°15	1°32	26°35	21°45	21°33	7°31	5°43	T 8	
W 9	21 10 34	16°26'15	9♌32	9°12	11°24	22°3	6°12	4°52	0°17	1°33	26°37	21°39	21°29	7°38	5°42	W 9	
T 10	21 14 31	17°23'51	23°47	11°14	11°15	22°41	6°5	4°50	0°19	1°34	26°39	21°35	21°26	7°45	5°40	T 10	
F 11	21 18 27	18°21'29	7♌59	13°17	11°3	23°19	5°57	4°47	0°20	1°35	26°40	21°34	21°23	7°51	5°39	F 11	
S 12	21 22 24	19°19'09	22°7	15°19	10°49	23°57	5°50	4°45	0°22	1°35	26°42	21°34	21°20	7°58	5°37	S 12	
S 13	21 26 20	20°16'50	6♌8	17°21	10°32	24°35	5°42	4°42	0°24	1°36	26°44	21°33	21°17	8°5	5°35	S 13	
M14	21 30 17	21°14'33	20°4	19°23	10°13	25°13	5°35	4°40	0°26	1°37	26°46	21°32	21°14	8°11	5°33	M14	
T 15	21 34 13	22°12'17	3♌53	21°24	9°52	25°51	5°28	4°37	0°28	1°38	26°48	21°28	21°10	8°18	5°31	T 15	
W16	21 38 10	23°10'03	17°33	23°24	9°29	26°30	5°21	4°35	0°30	1°38	26°50	21°21	21°7	8°25	5°30	W16	
T 17	21 42 6	24°7'51	1♌4	25°23	9°4	27°8	5°14	4°33	0°32	1°39	26°52	21°11	21°4	8°31	5°28	T 17	
F 18	21 46 3	25°5'40	14°22	27°21	8°37	27°46	5°7	4°31	0°34	1°39	26°54	20°59	21°1	8°38	5°26	F 18	
S 19	21 50 0	26°3'31	27°27	29°18	8°8	28°25	5°0	4°29	0°36	1°40	26°56	20°46	20°58	8°45	5°24	S 19	
S 20	21 53 56	27°1'23	10♌17	1♌14	7°37	29°3	4°53	4°27	0°38	1°41	26°58	20°34	20°55	8°51	5°22	S 20	
M21	21 57 53	27°59'16	22°50	3°9	7°5	29°41	4°47	4°26	0°40	1°41	27°0	20°22	20°51	8°58	5°20	M21	
T 22	22 1 49	28°57'11	5♌9	5°2	6°31	0♌20	4°40	4°24	0°42	1°41	27°2	20°13	20°48	9°5	5°18	T 22	
W23	22 5 46	29°55'07	17°14	6°54	5°56	0°59	4°34	4°22	0°44	1°42	27°4	20°7	20°45	9°11	5°16	W23	
T 24	22 9 42	0♌53'05	29°9	8°45	5°21	1°37	4°28	4°21	0°47	1°42	27°6	20°3	20°42	9°18	5°13	T 24	
F 25	22 13 39	1°51'04	10♌58	10°34	4°44	2°16	4°21	4°20	0°49	1°43	27°8	20°1	20°39	9°25	5°11	F 25	
S 26	22 17 35	2°49'04	22°46	12°22	4°7	2°55	4°15	4°18	0°51	1°43	27°10	20°D 1	20°35	9°31	5°9	S 26	
S 27	22 21 32	3°47'06	4♌37	14°9	3°30	3°33	4°10	4°17	0°54	1°43	27°13	20°R 1	20°32	9°38	5°7	S 27	
M28	22 25 29	4°45'09	16°38	15°55	2°53	4°12	4°4	4°16	0°56	1°44	27°15	20°0	20°29	9°44	5°4	M28	
T 29	22 29 25	5°43'13	28°54	17°39	2°16	4°51	3°58	4°15	0°59	1°44	27°17	19°58	20°26	9°51	5°2	T 29	
W30	22 33 22	6°41'19	11♌30	19°22	1°40	5°30	3°53	4°14	1°1	1°44	27°19	19°54	20°23	9°58	5°0	W30	
T 31	22 37 18	7♌39'27	24♌28	21♌4	1♌4	6♌9	3♌48	4♌13	1♌4	1♌44	27°21	19♌847	20♌820	10♌4	4♌Y57	T 31	

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	18n 6	25s33	2s23	21n44	0n20	3n32	4s 7	5n52	0n48	19s17	0s49	22s46	0n36	11s 4	0n29	18n51	1s39
W 2	17 51	26 43	3 18	21 36	0 32	3 17	4 20	5 37	0 48	19 19	0 49	22 46	0 36	11 4	0 29	18 51	1 39
T 3	17 35	26 30	4 3	21 25	0 42	3 3	4 32	5 22	0 47	19 21	0 50	22 46	0 36	11 5	0 29	18 52	1 39
F 4	17 19	24 47	4 38	21 11	0 52	2 50	4 45	5 6	0 46	19 23	0 50	22 47	0 36	11 5	0 29	18 52	1 40
S 5	17 3	21 37	4 57	20 55	1 1	2 37	4 58	4 51	0 46	19 26	0 50	22 47	0 36	11 6	0 29	18 52	1 40
S 6	16 47	17 12	5 0	20 36	1 9	2 25	5 11	4 36	0 45	19 28	0 50	22 47	0 36	11 7	0 29	18 52	1 40
M 7	16 30	11 48	4 44	20 15	1 17	2 14	5 24	4 20	0 44	19 30	0 50	22 47	0 36	11 7	0 29	18 52	1 40
T 8	16 13	5 43	4 11	19 51	1 23	2 4	5 36	4 5	0 44	19 32	0 50	22 48	0 36	11 8	0 29	18 52	1 40
W 9	15 56	0n41	3 23	19 25	1 29	1 55	5 49	3 49	0 43	19 34	0 50	22 48	0 35	11 8	0 29	18 52	1 40
T 10	15 39	7 3	2 21	18 56	1 34	1 47	6 2	3 34	0 43	19 36	0 50	22 48	0 35	11 9	0 29	18 53	1 40
F 11	15 21	13 4	1 11	18 25	1 38	1 40	6 14	3 18	0 42	19 38	0 50	22 48	0 35	11 9	0 29	18 53	1 40
S 12	15 3	18 22	0n 3	17 52	1 41	1 34	6 26	3 2	0 41	19 39	0 50	22 48	0 35	11 10	0 29	18 53	1 40
S 13	14 45	22 37	1 16	17 18	1 43	1 29	6 38	2 47	0 41	19 41	0 51	22 49	0 35	11 11	0 29	18 53	1 40
M14	14 27	25 30	2 25	16 41	1 45	1 25	6 50	2 31	0 40	19 43	0 51	22 49	0 35	11 11	0 29	18 53	1 40
T 15	14 8	26 49	3 24	16 4	1 46	1 22	7 2	2 15	0 40	19 45	0 51	22 49	0 35	11 12	0 29	18 53	1 40
W16	13 49	26 28	4 10	15 24	1 46	1 20	7 13	1 59	0 39	19 47	0 51	22 49	0 35	11 13	0 29	18 53	1 40
T 17	13 30	24 32	4 42	14 44	1 45	1 20	7 23	1 44	0 38	19 49	0 51	22 49	0 34	11 14	0 29	18 53	1 40
F 18	13 11	21 18	4 58	14 2	1 44	1 21	7 33	1 28	0 38	19 50	0 51	22 50	0 34	11 14	0 29	18 53	1 40
S 19	12 51	17 2	4 58	13 20	1 43	1 23	7 42	1 12	0 37	19 52	0 51	22 50	0 34	11 15	0 29	18 53	1 40
S 20	12 31	12 5	4 43	12 37	1 40	1 26	7 51	0 56	0 36	19 54	0 51	22 50	0 34	11 16	0 29	18 53	1 40
M21	12 12	6 44	4 14	11 53	1 38	1 30	7 59	0 40	0 36	19 55	0 51	22 50	0 34	11 17	0 29	18 53	1 40
T 22	11 51	1 13	3 34	11 9	1 34	1 35	8 7	0 24	0 35	19 57	0 51	22 50	0 34	11 17	0 29	18 54	1 40
W23	11 31	4s15	2 44	10 24	1 31	1 42	8 13	0 8	0 35	19 59	0 51	22 51	0 34	11 18	0 29	18 54	1 41
T 24	11 11	9 30	1 48	9 38	1 26	1 49	8 19	0s 8	0 34	20 0	0 51	22 51	0 34	11 19	0 28	18 54	1 41
F 25	10 50	14 23	0 48	8 53	1 22	1 58	8 24	0 24	0 33	20 2	0 51	22 51	0 33	11 20	0 28	18 54	1 41
S 26	10 29	18 44	0s15	8 7	1 17	2 7	8 28	0 39	0 33	20 3	0 51	22 51	0 33	11 21	0 28	18 54	1 41
S 27	10 8	22 21	1 17	7 21	1 12	2 17	8 31	0 55	0 32	20 5	0 51	22 51	0 33	11 22	0 28	18 54	1 41
M28	9 47	25 4	2 16	6 35	1 6	2 28	8 33	1 11	0 32	20 6	0 51	22 51	0 33	11 23	0 28	18 54	1 41
T 29	9 26	26 39	3 11	5 49	1 0	2 40	8 35	1 27	0 31	20 7	0 51	22 52	0 33	11 23	0 28	18 54	1 41
W30	9 4	26 56	3 58	5 3	0 54	2 52	8 35	1 44	0 30	20 9	0 51	22 52	0 33	11 24	0 28	18 54	1 41
T 31	8n43	25s45	4s34	4n17	0n48	3n 5	8s35	2s 0	0n30	20s10	0s51	22s52	0n33	11s25	0n28	18n54	1s41

Julian Day Number = 2350950.5, Delta T = 10.61 sec

Ecliptic obliquity = 23°28'36", Nutation = - 0°00'12", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 20°53'44", Lahiri = 20°00'44"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1724

geocentric

SEPTEMBER 1724

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 41 15	8 ^h 37'36	7 ^h 52	22 ^h 45	0 ^h R29	6 ^h 48	3 ^h R42	4 ^h R12	1 ^h 7	1 ^h 44	27 ^h 23	19 ^h R38	20 ^h 16	10 ^h 11	4 ^h R55	F 1
S 2	22 45 11	9°35'46	21°41	24°24	29 ^h 55	7°27	3 ^h 37	4 ^h 12	1° 9	1°44	27°25	19 ^h 27	20°13	10°18	4 ^h Y52	S 2
S 3	22 49 8	10°33'59	5 ^h 51	26° 3	29°23	8° 6	3°33	4°11	1°12	1°44	27°28	19°16	20°10	10°24	4°50	S 3
M 4	22 53 4	11°32'12	20°18	27°40	28°52	8°46	3°28	4°11	1°15	1°R44	27°30	19° 6	20° 7	10°31	4°47	M 4
T 5	22 57 1	12°30'28	4 ^h Y56	29°16	28°23	9°25	3°23	4°11	1°17	1°44	27°32	18°58	20° 4	10°38	4°45	T 5
W 6	23 0 58	13°28'46	19°36	0 ^h 51	27°56	10° 4	3°19	4°10	1°20	1°44	27°34	18°53	20° 0	10°44	4°42	W 6
T 7	23 4 54	14°27'05	4 ^h 12	2°24	27°30	10°44	3°15	4°10	1°23	1°44	27°36	18°50	19°57	10°51	4°40	T 7
F 8	23 8 51	15°25'27	18°40	3°57	27° 7	11°23	3°11	4°D10	1°26	1°44	27°39	18°D49	19°54	10°58	4°37	F 8
S 9	23 12 47	16°23'51	2 ^h 15	5°28	26°46	12° 2	3° 7	4°10	1°29	1°44	27°41	18°50	19°51	11° 4	4°35	S 9
S 10	23 16 44	17°22'17	16°58	6°59	26°28	12°42	3° 4	4°10	1°32	1°44	27°43	18°R50	19°48	11°11	4°32	S 10
M11	23 20 40	18°20'45	0 ^h 46	8°28	26°11	13°21	3° 0	4°11	1°35	1°44	27°45	18°49	19°45	11°18	4°29	M11
T 12	23 24 37	19°19'16	14°21	9°56	25°58	14° 1	2°57	4°11	1°38	1°43	27°48	18°47	19°41	11°24	4°27	T 12
W13	23 28 33	20°17'49	27°42	11°23	25°46	14°41	2°54	4°11	1°41	1°43	27°50	18°42	19°38	11°31	4°24	W13
T 14	23 32 30	21°16'24	10 ^h 51	12°49	25°37	15°21	2°51	4°12	1°44	1°43	27°52	18°34	19°35	11°37	4°21	T 14
F 15	23 36 27	22°15'01	23°40	14°13	25°31	16° 0	2°48	4°12	1°47	1°42	27°54	18°25	19°32	11°44	4°18	F 15
S 16	23 40 23	23°13'40	6 ^h 32	15°37	25°26	16°40	2°46	4°13	1°50	1°42	27°57	18°15	19°29	11°51	4°16	S 16
S 17	23 44 20	24°12'21	19° 3	16°59	25°D25	17°20	2°43	4°14	1°53	1°42	27°59	18° 5	19°26	11°57	4°13	S 17
M18	23 48 16	25°11'04	1 ^h 23	18°20	25°25	18° 0	2°41	4°15	1°56	1°41	28° 1	17°56	19°22	12° 4	4°10	M18
T 19	23 52 13	26° 9'48	13°32	19°39	25°28	18°40	2°39	4°16	1°59	1°41	28° 4	17°49	19°19	12°11	4° 7	T 19
W20	23 56 9	27° 8'35	25°30	20°58	25°33	19°20	2°37	4°17	2° 3	1°40	28° 6	17°44	19°16	12°17	4° 5	W20
T 21	0 0 6	28° 7'24	7 ^h 12	22°15	25°41	20° 0	2°36	4°18	2° 6	1°40	28° 8	17°41	19°13	12°24	4° 2	T 21
F 22	0 4 2	29° 6'15	19° 8	23°30	25°50	20°40	2°34	4°20	2° 9	1°39	28°10	17°D40	19°10	12°31	3°59	F 22
S 23	0 7 59	0 ^h 5'07	0 ^h 54	24°44	26° 2	21°21	2°33	4°21	2°12	1°39	28°13	17°41	19° 6	12°37	3°56	S 23
S 24	0 11 55	1° 4'01	12°45	25°56	26°16	22° 1	2°32	4°23	2°16	1°38	28°15	17°43	19° 3	12°44	3°53	S 24
M25	0 15 52	2° 2'57	24°44	27° 7	26°32	22°41	2°32	4°24	2°19	1°37	28°17	17°44	19° 0	12°51	3°51	M25
T 26	0 19 49	3° 1'55	6 ^h 58	28°15	26°50	23°22	2°31	4°26	2°22	1°37	28°20	17°R44	18°57	12°57	3°48	T 26
W27	0 23 45	4° 0'55	19°31	29°22	27° 9	24° 2	2°31	4°28	2°26	1°36	28°22	17°43	18°54	13° 4	3°45	W27
T 28	0 27 42	4°59'56	2 ^h 28	0 ^h 27	27°31	24°43	2°D30	4°30	2°29	1°35	28°24	17°39	18°51	13°10	3°42	T 28
F 29	0 31 38	5°58'59	15°52	1°29	27°54	25°23	2°30	4°32	2°33	1°34	28°26	17°35	18°47	13°17	3°39	F 29
S 30	0 35 35	6 ^h 58'04	29 ^h 44	2 ^h 29	28 ^h 19	26 ^h 4	2 ^h 31	4 ^h 34	2 ^h 36	1 ^h 34	28 ^h 29	17 ^h 39	18 ^h 44	13 ^h 24	3 ^h Y37	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
F 1	8n21	23s 6	4s56	3n31	0n41	3n18	8s33	2s16	0n29	20s11	0s51	22s52	0n33	11s26	0n28	18n54	1s41	15n32	15n50	17n40	17n51	14s 2	4n42	2n59	
S 2	7 59	19 4	5 2	2 45	0 35	3 32	8 31	2 32	0 29	20 12	0 51	22 52	0 32	11 27	0 28	18 54	1 41	15 31	15 50	17 37	17 50	14 5	4 41	2 59	
S 3	7 37	13 52	4 50	2 0	0 28	3 46	8 28	2 48	0 28	20 13	0 51	22 52	0 32	11 28	0 28	18 53	1 41	15 30	15 50	17 34	17 49	14 8	4 40	2 59	
M 4	7 15	7 49	4 19	1 15	0 21	4 0	8 24	3 4	0 27	20 15	0 51	22 53	0 32	11 29	0 28	18 53	1 41	15 29	15 50	17 32	17 48	14 11	4 39	2 59	
T 5	6 53	1 16	3 31	0 30	0 13	4 15	8 19	3 20	0 27	20 16	0 51	22 53	0 32	11 30	0 28	18 53	1 41	15 28	15 50	17 29	17 47	14 14	4 38	2 59	
W 6	6 30	5n23	2 29	0s15	0 6	4 29	8 13	3 36	0 26	20 17	0 51	22 53	0 32	11 31	0 28	18 53	1 41	15 27	15 50	17 28	17 46	14 17	4 37	2 59	
T 7	6 8	11 44	1 17	0 59	0s 1	4 43	8 7	3 52	0 25	20 18	0 51	22 53	0 32	11 32	0 28	18 53	1 41	15 26	15 49	17 27	17 45	14 20	4 36	2 59	
F 8	5 45	17 24	0 1	1 43	0 9	4 57	8 0	4 8	0 25	20 19	0 51	22 53	0 32	11 33	0 28	18 53	1 41	15 25	15 49	17 27	17 45	14 23	4 35	2 59	
S 9	5 23	22 0	1n15	2 26	0 17	5 11	7 53	4 24	0 24	20 19	0 51	22 53	0 31	11 34	0 28	18 53	1 41	15 24	15 49	17 27	17 44	14 25	4 34	2 59	
S 10	5 0	25 14	2 24	3 9	0 24	5 25	7 45	4 40	0 24	20 20	0 51	22 53	0 31	11 35	0 28	18 53	1 41	15 23	15 49	17 27	17 43	14 28	4 33	2 59	
M11	4 37	26 53	3 25	3 51	0 32	5 38	7 36	4 56	0 23	20 21	0 51	22 53	0 31	11 36	0 28	18 53	1 42	15 22	15 49	17 27	17 42	14 31	4 31	2 59	
T 12	4 14	26 53	4 12	4 33	0 40	5 51	7 27	5 12	0 22	20 22	0 51	22 54	0 31	11 37	0 28	18 53	1 42	15 21	15 49	17 26	17 41	14 34	4 30	2 59	
W13	3 51	25 18	4 45	5 14	0 48	6 4	7 18	5 28	0 22	20 22	0 51	22 54	0 31	11 38	0 28	18 53	1 42	15 20	15 49	17 25	17 40	14 37	4 29	2 59	
T 14	3 28	22 23	5 2	5 55	0 56	6 16	7 9	5 43	0 21	20 23	0 51	22 54	0 31	11 39	0 28	18 53	1 42	15 19	15 49	17 23	17 39	14 40	4 28	2 59	
F 15	3 5	18 23	5 4	6 35	1 4	6 28	6 59	5 59	0 21	20 24	0 51	22 54	0 31	11 40	0 28	18 52	1 42	15 19	15 49	17 20	17 39	14 43	4 27	2 59	
S 16	2 42	13 37	4 50	7 15	1 11	6 39	6 48	6 15	0 20	20 24	0 51	22 54	0 31	11 42	0 28	18 52	1 42	15 18	15 49	17 17	17 38	14 46	4 26	2 59	
S 17	2 18	8 21	4 22	7 54	1 19	6 49	6 38	6 31	0 19	20 25	0 51	22 54	0 30	11 43	0 28	18 52	1 42	15 17	15 49	17 15	17 37	14 49	4 25	2 59	
M18	1 55	2 51	3 43	8 32	1 27	6 59	6 27	6 47	0 19	20 25	0 51	22 54	0 30	11 44	0 28	18 52	1 42	15 16	15 49	17 12	17 36	14 51	4 24	2 59	
T 19	1 32	2s41	2 53	9 10	1 35	7 8	6 17	7 3	0 18	20 26	0 51	22 54	0 30	11 45	0 28	18 52	1 42	15 15	15 49	17 10	17 35	14 54	4 22	2 59	
W20	1 8	8 4	1 57	9 46	1 42	7 17	6 6	7 19	0 17	20 26	0 51	22 54	0 30	11 46	0 28	18 52	1 42	15 14	15 49	17 9	17 34	14 57	4 21	2 59	
T 21	0 45	13 7	0 55	10 22	1 50	7 25	5 55	7 34	0 17	20 26	0 51	22 55	0 30	11 47	0 28	18 52	1 42	15 13	15 49	17 8	17 33	15 0	4 20	2 59	
F 22	0 21	17 40	0s 8	10 57	1 57	7 32	5 44	7 50	0 16	20 27	0 51	22 55	0 30	11 48	0 28	18 51	1 42	15 12	15 49	17 8	17 32	15 3	4 19	2 59	
S 23	0s 2	21 32	1 11	11 31	2 5	7 38	5 32	8 6	0 16	20 27	0 51	22 55	0 30	11 49	0 28	18 51	1 42	15 11	15 49	17 8	17 32	15 6	4 18	2 59	
S 24	0 26	24 32	2 12	12 5	2 12	7 44	5 21	8 21	0 15	20 27	0 51	22 55	0 30	11 51	0 28	18 51	1 42	15 11	15 49	17 8	17 31	15 9	4 17	2 58	
M25	0 49	26 29	3 7	12 37	2 19	7 49	5 10	8 37	0 14	20 27	0 51	22 55	0 29	11 52	0 28	18 51	1 42	15 10	15 49	17 9	17 30	15 11	4 15	2 58	
T 26	1 12	27 13	3 55	13 8	2 26	7 54	4 59	8 52	0 14	20 27	0 51	22 55	0 29	11 53	0 28	18 51	1 42	15 9	15 50	17 9	17 29	15 14	4 14	2 58	
W27	1 36	26 34	4 34	13 38	2 32	7 58	4 48	9 8	0 13	20 27	0 51	22 55	0 29	11 54	0 28	18 51	1 42	15 8	15 50	17 8	17 28	15 17	4 13	2 58	
T 28	1 59	24 30	4 59	14 7	2 38	8 1	4 37	9 23	0 13	20 27	0 51	22 55	0 29	11 55	0 28	18 50	1 42	15 7	15 50	17 8	17 27	15 20	4 12	2 58	
F 29	2 23	21 2	5 10	14 35	2 45	8 3	4 26	9 39	0 12	20 27	0 51	22 55	0 29	11 57	0 28	18 50	1 42	15 7	15 50	17 6	17 26	15 23	4 11	2 58	
S 30	2s46	16s19	5s 3	15s 1	2s50	8n 5	4s15	9s54	0n11	20s27	0s51	22s55	0n29	11s58	0n28	18n50	1s42	15n 6	15n50	17n 5	17n26	15s26	4n10	2n58	

ASTRODIENST EPHEMERIS for the year 1724
geocentric

OCTOBER 1724

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 39 31	7♂5711	14♂2	3♂26	28♂46	26♂44	2♂31	4♂36	2♂40	1♂33	28♂31	17♂23	18♂41	13♂30	3♂34	S 1
M 2	0 43 28	8°56'20	28°42	4°20	29°15	27°25	2°32	4°38	2°43	1♂32	28°33	17♂17	18°38	13°37	3♂31	M 2
T 3	0 47 24	9°55'30	13°37	5°11	29°45	28° 6	2°33	4°40	2°47	1°31	28°35	17°12	18°35	13°44	3°28	T 3
W 4	0 51 21	10°54'43	28°39	5°59	0♂16	28°47	2°34	4°43	2°50	1°30	28°38	17° 9	18°32	13°50	3°25	W 4
T 5	0 55 18	11°53'58	13♂39	6°43	0°49	29°27	2°35	4°45	2°54	1°29	28°40	17°D 8	18°28	13°57	3°23	T 5
F 6	0 59 14	12°53'15	28°29	7°22	1°24	0♂ 8	2°36	4°48	2°57	1°28	28°42	17° 8	18°25	14° 4	3°20	F 6
S 7	1 3 11	13°52'35	13♂2	7°58	1°59	0°49	2°38	4°51	3° 1	1°27	28°44	17° 9	18°22	14°10	3°17	S 7
S 8	1 7 7	14°51'57	27°16	8°28	2°37	1°30	2°40	4°54	3° 5	1°26	28°46	17°11	18°19	14°17	3°14	S 8
M 9	1 11 4	15°51'21	11♂8	8°53	3°15	2°11	2°42	4°57	3° 8	1°25	28°49	17°R12	18°16	14°24	3°12	M 9
T 10	1 15 0	16°50'47	24°40	9°12	3°55	2°53	2°44	5° 0	3°12	1°24	28°51	17°12	18°12	14°30	3° 9	T 10
W11	1 18 57	17°50'16	7♂53	9°24	4°35	3°34	2°46	5° 3	3°16	1°23	28°53	17°10	18° 9	14°37	3° 6	W11
T 12	1 22 53	18°49'48	20°48	9°R30	5°17	4°15	2°49	5° 6	3°19	1°22	28°55	17° 7	18° 6	14°43	3° 4	T 12
F 13	1 26 50	19°49'21	3♂28	9°28	6° 0	4°56	2°51	5° 9	3°23	1°21	28°57	17° 3	18° 3	14°50	3° 1	F 13
S 14	1 30 47	20°48'57	15°55	9°18	6°44	5°38	2°54	5°12	3°27	1°19	29° 0	16°59	18° 0	14°57	2°58	S 14
S 15	1 34 43	21°48'34	28°10	9° 0	7°29	6°19	2°58	5°16	3°30	1°18	29° 2	16°54	17°57	15° 3	2°56	S 15
M16	1 38 40	22°48'14	10♂16	8°33	8°15	7° 1	3° 1	5°19	3°34	1°17	29° 4	16°50	17°53	15°10	2°53	M16
T 17	1 42 36	23°47'56	22°14	7°57	9° 2	7°42	3° 4	5°23	3°38	1°16	29° 6	16°47	17°50	15°17	2°50	T 17
W18	1 46 33	24°47'40	4♂ 6	7°13	9°50	8°24	3° 8	5°27	3°41	1°14	29° 8	16°46	17°47	15°23	2°48	W18
T 19	1 50 29	25°47'26	15°54	6°20	10°39	9° 5	3°12	5°30	3°45	1°13	29°10	16°D45	17°44	15°30	2°45	T 19
F 20	1 54 26	26°47'14	27°40	5°20	11°28	9°47	3°16	5°34	3°49	1°12	29°12	16°45	17°41	15°37	2°43	F 20
S 21	1 58 22	27°47'04	9♂27	4°12	12°18	10°29	3°20	5°38	3°53	1°10	29°14	16°47	17°37	15°43	2°40	S 21
S 22	2 2 19	28°46'56	21°19	3° 0	13° 9	11°11	3°25	5°42	3°56	1° 9	29°16	16°48	17°34	15°50	2°38	S 22
M23	2 6 16	29°46'49	3♂20	1°45	14° 1	11°53	3°29	5°46	4° 0	1° 8	29°18	16°50	17°31	15°57	2°35	M23
T 24	2 10 12	0♂46'45	15°32	0°28	14°54	12°35	3°34	5°50	4° 4	1° 6	29°20	16°51	17°28	16° 3	2°33	T 24
W25	2 14 9	1°46'41	28° 2	29♂12	15°47	13°17	3°39	5°55	4° 8	1° 5	29°22	16°R51	17°25	16°10	2°31	W25
T 26	2 18 5	2°46'40	10♂53	28° 0	16°41	13°59	3°44	5°59	4°11	1° 3	29°24	16°51	17°22	16°17	2°28	T 26
F 27	2 22 2	3°46'40	24°10	26°54	17°35	14°41	3°50	6° 3	4°15	1° 2	29°26	16°50	17°18	16°23	2°26	F 27
S 28	2 25 58	4°46'42	7♂53	25°55	18°30	15°23	3°55	6° 8	4°19	1° 0	29°28	16°49	17°15	16°30	2°24	S 28
S 29	2 29 55	5°46'45	22° 4	25° 6	19°26	16° 5	4° 1	6°12	4°23	0°59	29°30	16°48	17°12	16°36	2°22	S 29
M30	2 33 51	6°46'50	6♂41	24°28	20°22	16°47	4° 7	6°17	4°26	0°57	29°32	16°47	17° 9	16°43	2°19	M30
T 31	2 37 48	7♂46'56	21♂39	24♂ 0	21♂19	17♂30	4♂13	6♂22	4♂30	0♂56	29♂34	16♂46	17♂ 6	16♂50	2♂17	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	3s10	10s34	4s38	15s26	2s56	8n 6	4s 5	10s 9	0n11	20s27	0s51	22s55	0n29	11s59	0n28	18n50
M 2	3 33	4 5	3 53	15 49	3 1	8 6	3 54	10 25	0 10	20 27	0 51	22 55	0 29	12 0	0 28	18 50
T 3	3 56	2n44	2 52	16 11	3 5	8 6	3 43	10 40	0 10	20 27	0 51	22 55	0 28	12 1	0 28	18 49
W 4	4 19	9 28	1 39	16 31	3 9	8 4	3 33	10 55	0 9	20 26	0 50	22 55	0 28	12 3	0 28	18 49
T 5	4 43	15 40	0 19	16 49	3 13	8 3	3 22	11 10	0 8	20 26	0 50	22 55	0 28	12 4	0 28	18 49
F 6	5 6	20 51	1n 2	17 5	3 16	8 0	3 12	11 25	0 8	20 26	0 50	22 55	0 28	12 5	0 28	18 49
S 7	5 29	24 40	2 17	17 19	3 18	7 57	3 2	11 40	0 7	20 25	0 50	22 55	0 28	12 6	0 27	18 48
S 8	5 52	26 49	3 22	17 30	3 20	7 53	2 52	11 55	0 6	20 25	0 50	22 55	0 28	12 8	0 27	18 48
M 9	6 15	27 13	4 14	17 39	3 21	7 48	2 42	12 10	0 6	20 24	0 50	22 55	0 28	12 9	0 27	18 48
T 10	6 38	25 58	4 50	17 45	3 20	7 43	2 33	12 24	0 5	20 24	0 50	22 55	0 28	12 10	0 27	18 48
W11	7 1	23 18	5 9	17 47	3 19	7 37	2 23	12 39	0 5	20 23	0 50	22 55	0 27	12 11	0 27	18 47
T 12	7 23	19 31	5 13	17 47	3 17	7 31	2 14	12 54	0 4	20 22	0 50	22 55	0 27	12 13	0 27	18 47
F 13	7 46	14 55	5 1	17 43	3 13	7 24	2 5	13 8	0 3	20 22	0 50	22 55	0 27	12 14	0 27	18 47
S 14	8 8	9 47	4 35	17 35	3 8	7 16	1 56	13 22	0 3	20 21	0 50	22 55	0 27	12 15	0 27	18 47
S 15	8 31	4 21	3 56	17 23	3 1	7 7	1 47	13 37	0 2	20 20	0 50	22 55	0 27	12 16	0 27	18 46
M16	8 53	1s12	3 8	17 6	2 53	6 59	1 38	13 51	0 2	20 19	0 50	22 55	0 27	12 18	0 27	18 46
T 17	9 15	6 38	2 11	16 45	2 43	6 49	1 29	14 5	0 1	20 19	0 50	22 55	0 27	12 19	0 27	18 46
W18	9 37	11 49	1 9	16 19	2 31	6 39	1 21	14 19	0 0	20 18	0 50	22 55	0 27	12 20	0 27	18 45
T 19	9 59	16 33	0 5	15 49	2 18	6 28	1 13	14 33	0s 0	20 17	0 50	22 55	0 26	12 22	0 27	18 45
F 20	10 21	20 39	1s 0	15 15	2 3	6 17	1 4	14 47	0 1	20 16	0 50	22 55	0 26	12 23	0 27	18 45
S 21	10 42	23 55	2 2	14 36	1 46	6 5	0 56	15 1	0 1	20 15	0 50	22 55	0 26	12 24	0 27	18 45
S 22	11 4	26 11	3 0	13 54	1 27	5 53	0 49	15 14	0 2	20 13	0 49	22 55	0 26	12 25	0 27	18 44
M23	11 25	27 16	3 50	13 10	1 8	5 40	0 41	15 28	0 3	20 12	0 49	22 55	0 26	12 27	0 27	18 44
T 24	11 46	27 3	4 31	12 24	0 48	5 27	0 34	15 41	0 3	20 11	0 49	22 55	0 26	12 28	0 27	18 44
W25	12 7	25 29	5 0	11 38	0 27	5 13	0 26	15 55	0 4	20 10	0 49	22 55	0 26	12 29	0 27	18 43
T 26	12 27	22 35	5 15	10 53	0 6	4 58	0 19	16 8	0 4	20 9	0 49	22 55	0 26	12 30	0 27	18 43
F 27	12 48	18 26	5 15	10 10	0n14	4 44	0 12	16 21	0 5	20 7	0 49	22 55	0 26	12 32	0 27	18 43
S 28	13 8	13 12	4 56	9 31	0 33	4 28	0 5	16 34	0 6	20 6	0 49	22 55	0 25	12 33	0 27	18 42
S 29	13 28	7 7	4 19	8 56	0 51	4 13	0n 2	16 47	0 6	20 5	0 49	22 55	0 25	12 34	0 27	18 42
M30	13 48	0 28	3 25	8 27	1 8	3 57	0 8	16 59	0 7	20 3	0 49	22 54	0 25	12 36	0 27	18 42
T 31	14s 8	6n22	2s15	8s 3	1n22	3n40	0n14	17s12	0s 8	20s 2	0s49	22s54	0n25	12s37	0n27	18n41

Julian Day Number = 2351011.5, Delta T = 10.62 sec
Ecliptic obliquity = 23°28'37", Nutation = - 0°00'13", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'52", Lahiri = 20°00'52Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1724
geocentric

DECEMBER 1724

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 40 1	9♂ 4'28	15♂ 7	29♂12	24♂ 6	9♂48	8♂33	9♂17	6♂22	0°R 5	0♂21	16°R42	15♂27	20♂16	1°R32	F 1
S 2	4 43 58	10° 5'22	0♂ 8	0♂45	25°14	10°32	8°44	9°24	6°25	0II 3	0°22	16♂39	15°24	20°22	1°Y32	S 2
S 3	4 47 54	11° 6'17	14°52	2°18	26°22	11°16	8°55	9°30	6°28	0° 1	0°23	16°36	15°21	20°29	1°31	S 3
M 4	4 51 51	12° 7'14	29°11	3°52	27°30	12° 0	9° 5	9°37	6°31	29♂59	0°24	16°32	15°18	20°36	1°31	M 4
T 5	4 55 48	13° 8'11	13♂ 3	5°25	28°39	12°44	9°16	9°43	6°35	29°58	0°25	16°29	15°15	20°42	1°30	T 5
W 6	4 59 44	14° 9'10	26°25	6°59	29°48	13°28	9°27	9°50	6°38	29°56	0°26	16°26	15°11	20°49	1°30	W 6
T 7	5 3 41	15°10'10	9♂22	8°32	0♂57	14°13	9°38	9°57	6°41	29°55	0°27	16°25	15° 8	20°56	1°29	T 7
F 8	5 7 37	16°11'11	21°54	10° 6	2° 6	14°57	9°49	10° 3	6°44	29°53	0°28	16°D25	15° 5	21° 2	1°29	F 8
S 9	5 11 34	17°12'13	4♂ 9	11°40	3°15	15°41	10° 0	10°10	6°47	29°52	0°29	16°26	15° 2	21° 9	1°29	S 9
S 10	5 15 30	18°13'16	16° 9	13°14	4°25	16°26	10°12	10°17	6°50	29°50	0°30	16°28	14°59	21°16	1°29	S 10
M11	5 19 27	19°14'20	28° 0	14°47	5°34	17°10	10°23	10°23	6°53	29°48	0°31	16°30	14°55	21°22	1°29	M11
T 12	5 23 23	20°15'25	9♂47	16°21	6°44	17°55	10°35	10°30	6°56	29°47	0°31	16°31	14°52	21°29	1°D29	T 12
W13	5 27 20	21°16'31	21°33	17°56	7°54	18°39	10°46	10°37	6°59	29°45	0°32	16°R31	14°49	21°35	1°29	W13
T 14	5 31 17	22°17'37	3♂22	19°30	9° 4	19°24	10°58	10°44	7° 2	29°44	0°33	16°29	14°46	21°42	1°29	T 14
F 15	5 35 13	23°18'45	15°16	21° 4	10°14	20° 9	11°10	10°51	7° 5	29°42	0°34	16°26	14°43	21°49	1°29	F 15
S 16	5 39 10	24°19'53	27°18	22°39	11°24	20°53	11°22	10°57	7° 8	29°41	0°34	16°21	14°40	21°55	1°29	S 16
S 17	5 43 6	25°21'01	9♂29	24°14	12°35	21°38	11°34	11° 4	7°11	29°39	0°35	16°14	14°36	22° 2	1°29	S 17
M18	5 47 3	26°22'10	21°49	25°49	13°45	22°23	11°46	11°11	7°14	29°38	0°35	16° 6	14°33	22° 9	1°29	M18
T 19	5 50 59	27°23'20	4♂21	27°24	14°56	23° 8	11°58	11°18	7°16	29°36	0°36	15°58	14°30	22°15	1°30	T 19
W20	5 54 56	28°24'29	17° 5	28°59	16° 7	23°53	12°10	11°25	7°19	29°35	0°36	15°51	14°27	22°22	1°30	W20
T 21	5 58 52	29°25'39	0♂ 2	0♂35	17°18	24°38	12°23	11°32	7°22	29°33	0°37	15°46	14°24	22°29	1°31	T 21
F 22	6 2 49	0♂26'48	13°13	2°11	18°29	25°23	12°35	11°39	7°24	29°32	0°37	15°42	14°21	22°35	1°31	F 22
S 23	6 6 46	1°27'58	26°40	3°47	19°40	26° 8	12°47	11°46	7°27	29°30	0°38	15°D41	14°17	22°42	1°32	S 23
S 24	6 10 42	2°29'07	10°Y25	5°23	20°51	26°53	13° 0	11°53	7°30	29°29	0°38	15°41	14°14	22°49	1°32	S 24
M25	6 14 39	3°30'17	24°29	7° 0	22° 3	27°38	13°13	12° 0	7°32	29°28	0°38	15°42	14°11	22°55	1°33	M25
T 26	6 18 35	4°31'26	8♂50	8°37	23°14	28°23	13°25	12° 7	7°34	29°26	0°38	15°R43	14° 8	23° 2	1°34	T 26
W27	6 22 32	5°32'36	23°27	10°14	24°25	29° 8	13°38	12°14	7°37	29°25	0°39	15°43	14° 5	23° 9	1°35	W27
T 28	6 26 28	6°33'45	8II16	11°51	25°37	29°54	13°51	12°21	7°39	29°24	0°39	15°41	14° 1	23°15	1°36	T 28
F 29	6 30 25	7°34'54	23°10	13°29	26°49	0♂39	14° 4	12°28	7°42	29°23	0°39	15°36	13°58	23°22	1°36	F 29
S 30	6 34 21	8°36'03	8♂ 2	15° 7	28° 1	1°24	14°17	12°35	7°44	29°21	0°39	15°29	13°55	23°28	1°37	S 30
S 31	6 38 18	9♂37'13	22♂42	16♂45	29♂12	2♂10	14♂30	12♂43	7♂46	29♂20	0♂39	15♂21	13♂52	23♂35	1°Y38	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	21s51	25n 8	2n30	19s42	0n19	7s15	2n16	22s23	0s26	18s55	0s47	22s47	0n22	13s14	0n27	18n31
S 2	22 0	27 6	3 37	20 8	0 12	7 39	2 17	22 30	0 27	18 52	0 47	22 47	0 22	13 15	0 27	18 30
S 3	22 9	27 5	4 28	20 34	0 5	8 2	2 19	22 37	0 27	18 49	0 47	22 46	0 22	13 16	0 27	18 30
M 4	22 17	25 15	5 0	20 59	0s 1	8 25	2 20	22 43	0 28	18 46	0 47	22 46	0 22	13 17	0 27	18 30
T 5	22 25	21 56	5 14	21 23	0 8	8 49	2 21	22 50	0 28	18 43	0 47	22 45	0 22	13 18	0 27	18 29
W 6	22 32	17 34	5 10	21 45	0 15	9 12	2 22	22 56	0 29	18 41	0 47	22 45	0 22	13 19	0 27	18 29
T 7	22 39	12 32	4 50	22 7	0 22	9 35	2 23	23 2	0 29	18 38	0 47	22 45	0 22	13 20	0 27	18 29
F 8	22 46	7 8	4 16	22 28	0 28	9 58	2 24	23 7	0 30	18 35	0 47	22 44	0 22	13 21	0 27	18 28
S 9	22 52	1 35	3 32	22 48	0 35	10 21	2 25	23 13	0 31	18 32	0 47	22 44	0 21	13 22	0 27	18 28
S 10	22 57	3s55	2 39	23 6	0 41	10 44	2 25	23 18	0 31	18 28	0 47	22 43	0 21	13 23	0 27	18 28
M11	23 2	9 14	1 40	23 23	0 47	11 6	2 26	23 23	0 32	18 25	0 47	22 43	0 21	13 24	0 27	18 27
T 12	23 7	14 11	0 37	23 40	0 53	11 29	2 26	23 28	0 32	18 22	0 47	22 43	0 21	13 25	0 27	18 27
W13	23 11	18 37	0s27	23 55	0 59	11 51	2 26	23 32	0 33	18 19	0 47	22 42	0 21	13 26	0 27	18 27
T 14	23 15	22 21	1 31	24 8	1 5	12 14	2 26	23 36	0 33	18 16	0 47	22 42	0 21	13 27	0 27	18 27
F 15	23 18	25 9	2 30	24 21	1 10	12 36	2 26	23 40	0 34	18 12	0 47	22 41	0 21	13 28	0 27	18 26
S 16	23 21	26 51	3 24	24 32	1 16	12 57	2 26	23 44	0 34	18 9	0 47	22 41	0 21	13 29	0 27	18 26
S 17	23 24	27 16	4 8	24 42	1 21	13 19	2 26	23 48	0 35	18 6	0 47	22 40	0 21	13 30	0 27	18 26
M18	23 26	26 21	4 42	24 51	1 26	13 40	2 26	23 51	0 36	18 2	0 47	22 40	0 21	13 31	0 27	18 25
T 19	23 27	24 6	5 3	24 58	1 31	14 2	2 25	23 54	0 36	17 59	0 47	22 39	0 21	13 32	0 27	18 25
W20	23 28	20 39	5 9	25 4	1 35	14 23	2 25	23 57	0 37	17 56	0 47	22 39	0 21	13 33	0 27	18 25
T 21	23 29	16 9	5 0	25 8	1 40	14 43	2 24	23 59	0 37	17 52	0 47	22 38	0 20	13 33	0 27	18 25
F 22	23 29	10 50	4 35	25 11	1 44	15 3	2 23	24 2	0 38	17 49	0 47	22 38	0 20	13 34	0 27	18 24
S 23	23 28	4 54	3 54	25 13	1 47	15 24	2 22	24 3	0 38	17 45	0 47	22 37	0 20	13 35	0 27	18 24
S 24	23 27	1n23	2 59	25 13	1 51	15 43	2 21	24 5	0 39	17 41	0 47	22 37	0 20	13 36	0 27	18 24
M25	23 26	7 46	1 52	25 12	1 54	16 3	2 20	24 7	0 39	17 38	0 47	22 36	0 20	13 37	0 27	18 24
T 26	23 24	13 53	0 37	25 9	1 57	16 22	2 19	24 8	0 40	17 34	0 47	22 35	0 20	13 38	0 27	18 23
W27	23 22	19 20	0n42	25 4	2 0	16 40	2 18	24 9	0 40	17 30	0 47	22 35	0 20	13 38	0 27	18 23
T 28	23 19	23 40	1 58	24 58	2 2	16 59	2 17	24 10	0 41	17 27	0 47	22 34	0 20	13 39	0 28	18 23
F 29	23 16	26 25	3 7	24 51	2 4	17 17	2 15	24 10	0 41	17 23	0 47	22 34	0 20	13 40	0 28	18 23
S 30	23 12	27 17	4 3	24 42	2 6	17 34	2 14	24 10	0 42	17 19	0 47	22 33	0 20	13 41	0 28	18 22
S 31	23s 8	26n12	4n42	24s31	2s 7	17s52	2n12	24s10	0s43	17s15	0s47	22s32	0n20	13s41	0n28	18n22

Julian Day Number = 2351072.5, Delta T = 10.63 sec
Ecliptic obliquity = 23°28'36, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'00, Lahiri = 20°01'01Greg. Calendar