Astrodienst Ephemeris Tables

for the year 1730

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 AG, Dammstr. 23, CH-8702 Zollikon / Zürich, www.astro.com / order@astro.com

ASTRODIENST EPHEMERIS for the year 1730
geocentric

JANUARY 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 26	10♑25'56	3♊33	29♐ 4	16♐56	9♎38	6°R41	4♓54	29♏36	10°R49	12♎52	5°R50	7♒ 8	17♊17	20♈36	S 1
M 2	6 45 23	11°27'05	15°23	0♑37	18°11	10° 4	6♌35	4°59	29°39	10♊48	12°52	5♒46	7° 4	17°24	20°36	M 2
T 3	6 49 19	12°28'14	27°14	2° 9	19°26	10°30	6°28	5° 4	29°42	10°46	12°53	5°42	7° 1	17°30	20°36	T 3
W 4	6 53 16	13°29'22	9♋ 8	3°42	20°41	10°55	6°21	5°10	29°45	10°45	12°53	5°39	6°58	17°37	20°36	W 4
T 5	6 57 12	14°30'31	21° 7	5°16	21°56	11°20	6°14	5°15	29°48	10°44	12°54	5°37	6°55	17°44	20°37	T 5
F 6	7 1 9	15°31'39	3♌12	6°50	23°11	11°45	6° 7	5°21	29°51	10°42	12°54	5°D36	6°52	17°50	20°37	F 6
S 7	7 5 6	16°32'47	15°25	8°24	24°26	12°10	6° 0	5°26	29°53	10°41	12°54	5°36	6°48	17°57	20°37	S 7
S 8	7 9 2	17°33'55	27°48	9°59	25°41	12°34	5°53	5°32	29°56	10°40	12°54	5°37	6°45	18° 4	20°38	S 8
M 9	7 12 59	18°35'02	10♍23	11°34	26°56	12°58	5°45	5°38	29°59	10°38	12°55	5°39	6°42	18°10	20°38	M 9
T 10	7 16 55	19°36'10	23°14	13°10	28°11	13°22	5°38	5°44	0♐ 2	10°37	12°55	5°40	6°39	18°17	20°39	T 10
W11	7 20 52	20°37'17	6♎22	14°46	29°26	13°45	5°31	5°49	0° 4	10°36	12°55	5°41	6°36	18°24	20°39	W11
T 12	7 24 48	21°38'24	19°49	16°23	0♑41	14° 9	5°23	5°55	0° 7	10°35	12°55	5°R42	6°33	18°31	20°40	T 12
F 13	7 28 45	22°39'31	3♏38	18° 0	1°56	14°31	5°15	6° 1	0°10	10°33	12°55	5°41	6°29	18°37	20°41	F 13
S 14	7 32 41	23°40'38	17°48	19°38	3°11	14°54	5° 8	6° 7	0°12	10°32	12°55	5°41	6°26	18°44	20°41	S 14
S 15	7 36 38	24°41'44	2♐18	21°16	4°26	15°16	5° 0	6°13	0°15	10°31	12°R55	5°39	6°23	18°51	20°42	S 15
M16	7 40 35	25°42'50	17° 4	22°55	5°41	15°38	4°52	6°20	0°17	10°30	12°55	5°38	6°20	18°57	20°43	M16
T 17	7 44 31	26°43'56	2♑ 0	24°34	6°56	16° 0	4°44	6°26	0°20	10°29	12°55	5°37	6°17	19° 4	20°44	T 17
W18	7 48 28	27°45'01	16°59	26°14	8°11	16°21	4°36	6°32	0°22	10°28	12°55	5°36	6°14	19°11	20°45	W18
T 19	7 52 24	28°46'06	1♒51	27°55	9°27	16°42	4°28	6°38	0°25	10°27	12°55	5°D36	6°10	19°17	20°46	T 19
F 20	7 56 21	29°47'10	16°28	29°36	10°42	17° 3	4°20	6°45	0°27	10°26	12°55	5°36	6° 7	19°24	20°47	F 20
S 21	8 0 17	0♒48'12	0♓46	1♒17	11°57	17°23	4°12	6°51	0°29	10°25	12°55	5°36	6° 4	19°31	20°48	S 21
S 22	8 4 14	1°49'14	14°38	3° 0	13°12	17°43	4° 4	6°57	0°32	10°24	12°55	5°37	6° 1	19°37	20°50	S 22
M23	8 8 11	2°50'15	28° 5	4°43	14°27	18° 2	3°56	7° 4	0°34	10°23	12°54	5°37	5°58	19°44	20°51	M23
T 24	8 12 7	3°51'14	11♈ 7	6°26	15°42	18°21	3°48	7°10	0°36	10°22	12°54	5°37	5°54	19°51	20°52	T 24
W25	8 16 4	4°52'13	23°46	8°10	16°57	18°40	3°40	7°17	0°38	10°21	12°54	5°37	5°51	19°57	20°54	W25
T 26	8 20 0	5°53'10	6♉ 7	9°55	18°12	18°58	3°32	7°24	0°40	10°21	12°53	5°37	5°48	20° 4	20°55	T 26
F 27	8 23 57	6°54'05	18°12	11°40	19°27	19°16	3°24	7°30	0°42	10°20	12°53	5°38	5°45	20°11	20°57	F 27
S 28	8 27 53	7°55'00	0♊ 8	13°26	20°42	19°34	3°16	7°37	0°44	10°19	12°52	5°38	5°42	20°18	20°58	S 28
S 29	8 31 50	8°55'53	11°59	15°12	21°57	19°51	3° 8	7°44	0°46	10°18	12°52	5°38	5°39	20°24	21° 0	S 29
M30	8 35 46	9°56'45	23°48	16°59	23°12	20° 7	3° 0	7°50	0°48	10°18	12°51	5°38	5°35	20°31	21° 2	M30
T 31	8 39 43	10♒57'36	5♋41	18♒46	24♑27	20♎24	2♌53	7♓57	0♐50	10♊17	12♎51	5♒39	5♒32	20♊38	21♈ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 4	25n26	4n38	24s15	0s47	22s 1	0n49	1s47	2n14	19n16	0n39	11s23	1s46	19s54	0n12	20n34	1s33	10n37	17n 4	18s50	18s31	26n47	8n28	0n26
M 2	22 59	26 41	4 2	24 21	0 53	22 11	0 47	1 56	2 14	19 18	0 39	11 21	1 46	19 55	0 12	20 34	1 33	10 38	17 4	18 52	18 32	26 47	8 28	0 26
T 3	22 53	26 42	3 16	24 26	0 59	22 19	0 44	2 5	2 15	19 19	0 40	11 18	1 46	19 56	0 12	20 34	1 33	10 38	17 5	18 53	18 33	26 47	8 28	0 26
W 4	22 47	25 30	2 21	24 30	1 5	22 28	0 41	2 15	2 16	19 21	0 40	11 16	1 46	19 56	0 12	20 33	1 33	10 38	17 5	18 53	18 34	26 47	8 28	0 26
T 5	22 41	23 7	1 19	24 33	1 10	22 35	0 39	2 24	2 17	19 23	0 40	11 14	1 46	19 57	0 12	20 33	1 33	10 39	17 6	18 54	18 34	26 47	8 28	0 26
F 6	22 34	19 41	0 13	24 34	1 16	22 42	0 36	2 33	2 17	19 25	0 40	11 12	1 46	19 58	0 12	20 33	1 33	10 39	17 6	18 54	18 35	26 47	8 28	0 26
S 7	22 27	15 23	0s54	24 33	1 21	22 48	0 34	2 42	2 18	19 27	0 40	11 10	1 46	19 58	0 11	20 33	1 33	10 40	17 7	18 54	18 36	26 48	8 28	0 26
S 8	22 19	10 23	2 0	24 32	1 26	22 53	0 31	2 51	2 19	19 29	0 40	11 8	1 46	19 59	0 11	20 33	1 33	10 40	17 8	18 54	18 37	26 48	8 28	0 25
M 9	22 11	4 54	3 1	24 29	1 31	22 58	0 29	2 59	2 19	19 31	0 41	11 6	1 45	19 59	0 11	20 33	1 33	10 40	17 8	18 53	18 38	26 48	8 28	0 25
T 10	22 2	0s53	3 54	24 24	1 35	23 2	0 26	3 8	2 20	19 33	0 41	11 3	1 45	20 0	0 11	20 33	1 33	10 41	17 9	18 53	18 38	26 48	8 28	0 25
W11	21 53	6 45	4 36	24 18	1 39	23 5	0 23	3 16	2 21	19 35	0 41	11 1	1 45	20 1	0 11	20 32	1 33	10 41	17 9	18 53	18 39	26 48	8 28	0 25
T 12	21 44	12 27	5 5	24 11	1 43	23 8	0 21	3 25	2 22	19 37	0 41	10 59	1 45	20 1	0 11	20 32	1 33	10 42	17 10	18 53	18 40	26 48	8 28	0 25
F 13	21 34	17 42	5 17	24 2	1 47	23 10	0 18	3 33	2 22	19 39	0 41	10 57	1 45	20 2	0 11	20 32	1 33	10 42	17 11	18 53	18 41	26 48	8 28	0 25
S 14	21 24	22 7	5 10	23 51	1 50	23 11	0 15	3 41	2 23	19 41	0 41	10 54	1 45	20 2	0 11	20 32	1 33	10 43	17 11	18 53	18 42	26 48	8 28	0 25
S 15	21 13	25 17	4 43	23 39	1 53	23 11	0 13	3 49	2 24	19 43	0 42	10 52	1 45	20 3	0 11	20 32	1 33	10 43	17 12	18 53	18 42	26 48	8 29	0 25
M16	21 2	26 47	3 58	23 26	1 56	23 11	0 10	3 56	2 25	19 45	0 42	10 50	1 45	20 3	0 11	20 32	1 32	10 44	17 12	18 53	18 43	26 48	8 29	0 25
T 17	20 50	26 23	2 56	23 11	1 58	23 10	0 8	4 4	2 25	19 47	0 42	10 47	1 45	20 4	0 11	20 32	1 32	10 44	17 13	18 54	18 44	26 48	8 29	0 25
W18	20 39	24 4	1 42	22 54	2 0	23 8	0 5	4 11	2 26	19 49	0 42	10 45	1 45	20 4	0 11	20 32	1 32	10 45	17 13	18 54	18 45	26 48	8 29	0 24
T 19	20 26	20 7	0 21	22 36	2 2	23 6	0 2	4 19	2 27	19 51	0 42	10 43	1 45	20 5	0 11	20 32	1 32	10 46	17 14	18 54	18 45	26 47	8 30	0 24
F 20	20 14	14 58	1n 0	22 16	2 3	23 3	0s 0	4 26	2 28	19 53	0 42	10 40	1 45	20 5	0 11	20 31	1 32	10 46	17 15	18 54	18 46	26 47	8 30	0 24
S 21	20 1	9 7	2 15	21 55	2 4	22 59	0 3	4 33	2 28	19 55	0 42	10 38	1 45	20 6	0 11	20 31	1 32	10 47	17 15	18 54	18 47	26 47	8 30	0 24
S 22	19 47	2 59	3 20	21 32	2 5	22 55	0 5	4 40	2 29	19 57	0 43	10 35	1 45	20 6	0 11	20 31	1 32	10 47	17 16	18 54	18 48	26 47	8 31	0 24
M23	19 33	3n 6	4 12	21 8	2 5	22 49	0 8	4 47	2 30	19 59	0 43	10 33	1 45	20 7	0 11	20 31	1 32	10 48	17 16	18 54	18 49	26 47	8 31	0 24
T 24	19 19	8 50	4 49	20 42	2 4	22 43	0 10	4 53	2 31	20 1	0 43	10 30	1 45	20 7	0 11	20 31	1 32	10 49	17 17	18 54	18 49	26 47	8 32	0 24
W25	19 5	14 3	5 11	20 14	2 4	22 37	0 13	4 59	2 31	20 3	0 43	10 28	1 45	20 8	0 11	20 31	1 32	10 49	17 17	18 54	18 50	26 47	8 32	0 24
T 26	18 50	18 34	5 18	19 45	2 2	22 30	0 15	5 6	2 32	20 5	0 43	10 25	1 45	20 8	0 11	20 31	1 32	10 50	17 18	18 54	18 51	26 47	8 33	0 24
F 27	18 35	22 14	5 10	19 14	2 1	22 22	0 18	5 12	2 33	20 7	0 43	10 23	1 44	20 8	0 11	20 31	1 32	10 51	17 19	18 54	18 52	26 47	8 33	0 24
S 28	18 19	24 55	4 49	18 42	1 58	22 13	0 20	5 18	2 34	20 9	0 43	10 20	1 44	20 9	0 11	20 31	1 32	10 51	17 19	18 54	18 53	26 47	8 33	0 23
S 29	18 3	26 29	4 16	18 8	1 55	22 4	0 23	5 23	2 34	20 11	0 43	10 18	1 44	20 9	0 11	20 31	1 32	10 52	17 20	18 53	18 53	26 47	8 34	0 23
M30	17 47	26 52	3 32	17 33	1 52	21 54	0 25	5 29	2 35	20 13	0 43	10 15	1 44	20 10	0 11	20 31	1 32	10 53	17 20	18 53	18 54	26 46	8 35	0 23
T 31	17s30	26n 0	2n39	16s56	1s48	21s43	0s28	5s34	2n36	20n15	0n44	10s13	1s44	20s10	0n11	20n31	1s32	10n53	17n21	18s53	18s55	26n46	8n35	0n23

Julian Day Number = 2352929.5, Delta T = 11.20 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'16, Lahiri = 20°05'16Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1730
geocentric

FEBRUARY 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 43 40	11♒58'26	17♋39	20♒33	25♉42	20♎39	2°R45	8♓ 4	0♐51	10°R16	12°R50	5♒40	5♒29	20♊44	21♈ 5	W 1
T 2	8 47 36	12°59'14	29°46	22°20	26°57	20°55	2♌37	8°11	0°53	10♊16	12♎50	5°R40	5°26	20°51	21° 7	T 2
F 3	8 51 33	14° 0'00	12♌ 4	24° 7	28°12	21° 9	2°29	8°18	0°55	10°15	12°49	5°40	5°23	20°58	21° 9	F 3
S 4	8 55 29	15° 0'46	24°33	25°54	29°27	21°24	2°21	8°25	0°57	10°15	12°49	5°39	5°20	21° 4	21°11	S 4
S 5	8 59 26	16° 1'30	7♍16	27°41	0♒42	21°38	2°14	8°32	0°58	10°14	12°48	5°38	5°16	21°11	21°13	S 5
M 6	9 3 22	17° 2'13	20°11	29°26	1°57	21°51	2° 6	8°39	1° 0	10°14	12°47	5°37	5°13	21°18	21°15	M 6
T 7	9 7 19	18° 2'54	3♎20	1♓11	3°12	22° 4	1°59	8°46	1° 1	10°13	12°46	5°35	5°10	21°24	21°17	T 7
W 8	9 11 15	19° 3'35	16°43	2°55	4°27	22°16	1°51	8°53	1° 3	10°13	12°46	5°34	5° 7	21°31	21°19	W 8
T 9	9 15 12	20° 4'14	0♏19	4°37	5°42	22°28	1°44	9° 0	1° 4	10°12	12°45	5°32	5° 4	21°38	21°21	T 9
F 10	9 19 8	21° 4'53	14° 9	6°17	6°57	22°39	1°37	9° 7	1° 5	10°12	12°44	5°31	5° 0	21°44	21°23	F 10
S 11	9 23 5	22° 5'30	28°10	7°54	8°12	22°50	1°30	9°14	1° 7	10°12	12°43	5°D31	4°57	21°51	21°26	S 11
S 12	9 27 2	23° 6'06	12♐23	9°28	9°27	23° 0	1°23	9°21	1° 8	10°11	12°42	5°32	4°54	21°58	21°28	S 12
M13	9 30 58	24° 6'41	26°46	10°59	10°42	23° 9	1°16	9°29	1° 9	10°11	12°41	5°33	4°51	22° 4	21°30	M13
T 14	9 34 55	25° 7'15	11♑14	12°25	11°57	23°18	1° 9	9°36	1°10	10°11	12°40	5°35	4°48	22°11	21°33	T 14
W15	9 38 51	26° 7'47	25°45	13°46	13°12	23°26	1° 2	9°43	1°11	10°11	12°39	5°36	4°45	22°18	21°35	W15
T 16	9 42 48	27° 8'18	10♒13	15° 2	14°27	23°34	0°56	9°50	1°12	10°11	12°38	5°R36	4°41	22°25	21°38	T 16
F 17	9 46 44	28° 8'48	24°32	16°11	15°42	23°41	0°49	9°57	1°13	10°11	12°37	5°35	4°38	22°31	21°40	F 17
S 18	9 50 41	29° 9'15	8♓38	17°14	16°57	23°47	0°43	10° 5	1°14	10°11	12°36	5°33	4°35	22°38	21°43	S 18
S 19	9 54 38	0♓ 9'41	22°25	18° 9	18°12	23°53	0°37	10°12	1°15	10°D11	12°35	5°29	4°32	22°45	21°45	S 19
M20	9 58 34	1°10'05	5♈51	18°56	19°27	23°58	0°31	10°19	1°16	10°11	12°34	5°25	4°29	22°51	21°48	M20
T 21	10 2 31	2°10'28	18°56	19°34	20°42	24° 3	0°25	10°27	1°17	10°11	12°33	5°21	4°26	22°58	21°51	T 21
W22	10 6 27	3°10'48	1♉39	20° 3	21°57	24° 6	0°19	10°34	1°17	10°11	12°31	5°17	4°22	23° 5	21°54	W22
T 23	10 10 24	4°11'07	14° 3	20°22	23°12	24° 9	0°14	10°41	1°18	10°11	12°30	5°14	4°19	23°11	21°56	T 23
F 24	10 14 20	5°11'23	26°11	20°32	24°27	24°12	0° 8	10°49	1°18	10°11	12°29	5°12	4°16	23°18	21°59	F 24
S 25	10 18 17	6°11'38	8♊ 8	20°R32	25°42	24°13	0° 3	10°56	1°19	10°11	12°28	5°D12	4°13	23°25	22° 2	S 25
S 26	10 22 13	7°11'50	19°59	20°23	26°57	24°14	29♋58	11° 3	1°19	10°11	12°27	5°13	4°10	23°31	22° 5	S 26
M27	10 26 10	8°12'00	1♋49	20° 4	28°11	24°R15	29°53	11°11	1°20	10°12	12°25	5°14	4° 6	23°38	22° 8	M27
T 28	10 30 7	9♓12'09	13♋42	19♓37	29♒26	24♎14	29♋48	11♓18	1♐20	10♊12	12♎24	5♒16	4♒ 3	23♊45	22♈11	T 28

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
W 1	17s14	23n56	1n38	16s18	1s43	21s32	0s30	5s39	2n37	20n17	0n44	10s10	1s44	20s10	0n11	20n31	1s32	10n54	17n21	18s53	18s56	26n46	8n36	0n23
T 2	16 57	20 46	0 33	15 38	1 38	21 20	0 32	5 44	2 37	20 19	0 44	10 8	1 44	20 11	0 11	20 31	1 32	10 55	17 22	18 53	18 56	26 46	8 36	0 23
F 3	16 39	16 38	0s35	14 57	1 32	21 7	0 35	5 49	2 38	20 21	0 44	10 5	1 44	20 11	0 11	20 31	1 32	10 55	17 22	18 53	18 57	26 46	8 37	0 23
S 4	16 21	11 44	1 43	14 15	1 26	20 54	0 37	5 54	2 39	20 23	0 44	10 2	1 44	20 11	0 11	20 31	1 32	10 56	17 23	18 53	18 58	26 46	8 38	0 23
S 5	16 3	6 17	2 46	13 32	1 19	20 40	0 39	5 58	2 40	20 24	0 44	10 0	1 44	20 12	0 11	20 31	1 31	10 57	17 23	18 53	18 59	26 46	8 38	0 23
M 6	15 45	0 29	3 42	12 47	1 11	20 25	0 41	6 3	2 40	20 26	0 44	9 57	1 44	20 12	0 11	20 31	1 31	10 58	17 24	18 54	19 0	26 45	8 39	0 23
T 7	15 27	5s25	4 28	12 2	1 2	20 10	0 43	6 7	2 41	20 28	0 44	9 54	1 44	20 12	0 11	20 31	1 31	10 58	17 24	18 54	19 0	26 45	8 40	0 22
W 8	15 8	11 11	4 59	11 16	0 53	19 55	0 46	6 11	2 42	20 30	0 44	9 52	1 44	20 13	0 11	20 31	1 31	10 59	17 25	18 55	19 1	26 45	8 40	0 22
T 9	14 49	16 31	5 15	10 30	0 43	19 39	0 48	6 14	2 42	20 31	0 44	9 49	1 44	20 13	0 11	20 31	1 31	11 0	17 25	18 55	19 2	26 45	8 41	0 22
F 10	14 30	21 5	5 13	9 43	0 32	19 22	0 50	6 18	2 43	20 33	0 44	9 46	1 44	20 13	0 11	20 31	1 31	11 1	17 26	18 55	19 3	26 45	8 42	0 22
S 11	14 10	24 31	4 52	8 56	0 20	19 4	0 52	6 21	2 44	20 35	0 44	9 44	1 44	20 14	0 11	20 31	1 31	11 2	17 26	18 55	19 3	26 44	8 42	0 22
S 12	13 50	26 30	4 13	8 9	0 8	18 46	0 53	6 24	2 45	20 36	0 45	9 41	1 44	20 14	0 11	20 31	1 31	11 2	17 27	18 55	19 4	26 44	8 43	0 22
M13	13 30	26 44	3 18	7 23	0n 5	18 28	0 55	6 27	2 45	20 38	0 45	9 38	1 44	20 14	0 11	20 31	1 31	11 3	17 27	18 55	19 5	26 44	8 44	0 22
T 14	13 10	25 10	2 10	6 38	0 18	18 9	0 57	6 30	2 46	20 40	0 45	9 35	1 44	20 14	0 11	20 31	1 31	11 4	17 28	18 54	19 6	26 44	8 45	0 22
W15	12 50	21 55	0 54	5 54	0 32	17 49	0 59	6 32	2 47	20 41	0 45	9 33	1 44	20 14	0 11	20 31	1 31	11 5	17 28	18 54	19 6	26 43	8 46	0 22
T 16	12 29	17 18	0n25	5 11	0 47	17 29	1 1	6 34	2 47	20 43	0 45	9 30	1 44	20 15	0 11	20 31	1 31	11 5	17 29	18 54	19 7	26 43	8 47	0 22
F 17	12 8	11 45	1 42	4 31	1 2	17 9	1 2	6 36	2 48	20 44	0 45	9 27	1 44	20 15	0 11	20 31	1 31	11 6	17 29	18 54	19 8	26 43	8 47	0 21
S 18	11 47	5 41	2 52	3 52	1 17	16 48	1 4	6 38	2 49	20 45	0 45	9 25	1 44	20 15	0 11	20 31	1 31	11 7	17 30	18 55	19 9	26 43	8 48	0 21
S 19	11 26	0n30	3 50	3 17	1 32	16 26	1 6	6 40	2 49	20 47	0 45	9 22	1 44	20 15	0 11	20 31	1 31	11 8	17 30	18 56	19 9	26 42	8 49	0 21
M20	11 5	6 30	4 33	2 45	1 47	16 4	1 7	6 41	2 50	20 48	0 45	9 19	1 44	20 15	0 12	20 31	1 31	11 9	17 30	18 57	19 10	26 42	8 50	0 21
T 21	10 43	12 3	5 1	2 16	2 2	15 42	1 9	6 42	2 50	20 49	0 45	9 16	1 44	20 16	0 12	20 31	1 31	11 9	17 31	18 58	19 11	26 42	8 51	0 21
W22	10 21	16 57	5 13	1 51	2 17	15 19	1 10	6 43	2 51	20 51	0 45	9 14	1 44	20 16	0 12	20 31	1 30	11 10	17 31	18 59	19 12	26 41	8 52	0 21
T 23	9 59	21 0	5 10	1 30	2 31	14 56	1 12	6 44	2 51	20 52	0 45	9 11	1 44	20 16	0 12	20 31	1 30	11 11	17 32	18 59	19 13	26 41	8 53	0 21
F 24	9 37	24 4	4 53	1 14	2 44	14 32	1 13	6 44	2 52	20 53	0 45	9 8	1 44	20 16	0 12	20 31	1 30	11 12	17 32	19 0	19 13	26 41	8 54	0 21
S 25	9 15	26 2	4 23	1 3	2 57	14 8	1 14	6 44	2 52	20 54	0 45	9 5	1 44	20 16	0 12	20 31	1 30	11 13	17 32	19 0	19 14	26 40	8 55	0 21
S 26	8 53	26 48	3 43	0 56	3 8	13 44	1 15	6 44	2 53	20 55	0 45	9 2	1 44	20 16	0 12	20 31	1 30	11 14	17 33	19 0	19 15	26 40	8 56	0 21
M27	8 30	26 21	2 53	0 54	3 18	13 19	1 16	6 44	2 53	20 56	0 45	9 0	1 44	20 16	0 12	20 31	1 30	11 14	17 33	18 59	19 16	26 40	8 57	0 21
T 28	8s 8	24n41	1n55	0s57	3n27	12s54	1s18	6s43	2n54	20n57	0n45	8s57	1s45	20s16	0n12	20n32	1s30	11n15	17n34	18s59	19s16	26n39	8n58	0n20

Julian Day Number = 2352960.5, Delta T = 11.22 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'20, Lahiri = 20°05'20Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1730
geocentric

MARCH 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 34 3	10♓12'15	25♋44	19°R 2	0♓41	24°R13	29°R43	11♓25	1♐21	10♊12	12°R23	5♒18	4♒ 0	23♊51	22♈14	W 1
T 2	10 38 0	11°12'19	7♌58	18♓19	1°56	24♎11	29♋39	11°33	1°21	10°13	12♎21	5°R18	3°57	23°58	22°17	T 2
F 3	10 41 56	12°12'21	20°27	17°31	3°11	24° 8	29°35	11°40	1°21	10°13	12°20	5°17	3°54	24° 5	22°20	F 3
S 4	10 45 53	13°12'21	3♍13	16°37	4°26	24° 4	29°30	11°47	1°21	10°13	12°18	5°14	3°51	24°11	22°23	S 4
S 5	10 49 49	14°12'19	16°17	15°41	5°40	24° 0	29°27	11°55	1°21	10°14	12°17	5° 9	3°47	24°18	22°26	S 5
M 6	10 53 46	15°12'15	29°37	14°42	6°55	23°55	29°23	12° 2	1°R21	10°14	12°16	5° 3	3°44	24°25	22°29	M 6
T 7	10 57 42	16°12'10	13♎13	13°42	8°10	23°49	29°19	12° 9	1°21	10°15	12°14	4°56	3°41	24°31	22°33	T 7
W 8	11 1 39	17°12'02	27° 1	12°43	9°25	23°43	29°16	12°17	1°21	10°15	12°13	4°49	3°38	24°38	22°36	W 8
T 9	11 5 35	18°11'53	10♏58	11°46	10°39	23°35	29°13	12°24	1°21	10°16	12°11	4°43	3°35	24°45	22°39	T 9
F 10	11 9 32	19°11'42	25° 1	10°51	11°54	23°27	29° 9	12°31	1°21	10°17	12°10	4°39	3°31	24°51	22°42	F 10
S 11	11 13 29	20°11'30	9♐ 8	10° 1	13° 9	23°18	29° 7	12°39	1°21	10°17	12° 8	4°36	3°28	24°58	22°46	S 11
S 12	11 17 25	21°11'15	23°17	9°15	14°24	23° 8	29° 4	12°46	1°21	10°18	12° 7	4°D36	3°25	25° 5	22°49	S 12
M13	11 21 22	22°11'00	7♑25	8°35	15°38	22°58	29° 1	12°53	1°20	10°19	12° 5	4°36	3°22	25°11	22°52	M13
T 14	11 25 18	23°10'42	21°32	8° 1	16°53	22°47	28°59	13° 1	1°20	10°19	12° 4	4°38	3°19	25°18	22°56	T 14
W15	11 29 15	24°10'23	5♒36	7°32	18° 8	22°35	28°57	13° 8	1°19	10°20	12° 2	4°R38	3°16	25°25	22°59	W15
T 16	11 33 11	25°10'02	19°36	7°10	19°22	22°22	28°55	13°15	1°19	10°21	12° 0	4°37	3°12	25°31	23° 3	T 16
F 17	11 37 8	26° 9'39	3♓28	6°53	20°37	22° 8	28°53	13°23	1°18	10°22	11°59	4°34	3° 9	25°38	23° 6	F 17
S 18	11 41 4	27° 9'13	17°10	6°44	21°52	21°54	28°52	13°30	1°18	10°23	11°57	4°28	3° 6	25°45	23°10	S 18
S 19	11 45 1	28° 8'46	0♈40	6°D40	23° 6	21°39	28°50	13°37	1°17	10°24	11°56	4°20	3° 3	25°51	23°13	S 19
M20	11 48 58	29° 8'17	13°54	6°42	24°21	21°24	28°49	13°44	1°17	10°25	11°54	4°11	3° 0	25°58	23°17	M20
T 21	11 52 54	0♈ 7'46	26°50	6°49	25°36	21° 7	28°48	13°51	1°16	10°25	11°52	4° 0	2°57	26° 5	23°20	T 21
W22	11 56 51	1° 7'13	9♉30	7° 2	26°50	20°50	28°48	13°59	1°15	10°26	11°51	3°51	2°53	26°12	23°24	W22
T 23	12 0 47	2° 6'37	21°52	7°21	28° 5	20°33	28°47	14° 6	1°14	10°28	11°49	3°42	2°50	26°18	23°28	T 23
F 24	12 4 44	3° 6'00	4♊ 0	7°44	29°19	20°15	28°47	14°13	1°13	10°29	11°47	3°36	2°47	26°25	23°31	F 24
S 25	12 8 40	4° 5'20	15°57	8°12	0♈34	19°56	28°D46	14°20	1°12	10°30	11°46	3°32	2°44	26°32	23°35	S 25
S 26	12 12 37	5° 4'37	27°48	8°44	1°48	19°37	28°46	14°27	1°11	10°31	11°44	3°30	2°41	26°38	23°38	S 26
M27	12 16 33	6° 3'53	9♋38	9°20	3° 3	19°17	28°47	14°34	1°10	10°32	11°42	3°D29	2°37	26°45	23°42	M27
T 28	12 20 30	7° 3'06	21°31	10° 1	4°17	18°57	28°47	14°41	1° 9	10°33	11°41	3°30	2°34	26°52	23°46	T 28
W29	12 24 27	8° 2'16	3♌33	10°45	5°32	18°36	28°48	14°48	1° 8	10°34	11°39	3°R30	2°31	26°58	23°50	W29
T 30	12 28 23	9° 1'25	15°50	11°32	6°46	18°15	28°48	14°55	1° 7	10°36	11°37	3°30	2°28	27° 5	23°53	T 30
F 31	12 32 20	10♈ 0'31	28♌26	12♓23	8♈ 1	17♎53	28♋49	15♓ 2	1♐ 6	10♊37	11♎36	3♒27	2♒25	27♊12	23♈57	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s45	21n53	0n52	1s 5	3n33	12s28	1s19	6s42	2n54	20n58	0n45	8s54	1s45	20s16	0n12	20n32	1s30	11n16	17n34	18s58	19s17	26n39	8n59	0n20
T 2	7 22	18 4	0s15	1 17	3 38	12 2	1 19	6 41	2 54	20 59	0 45	8 51	1 45	20 16	0 12	20 32	1 30	11 17	17 34	18 58	19 18	26 39	9 0	0 20
F 3	7 0	13 24	1 22	1 33	3 41	11 36	1 20	6 40	2 55	21 0	0 45	8 49	1 45	20 16	0 12	20 32	1 30	11 18	17 35	18 59	19 19	26 38	9 1	0 20
S 4	6 37	8 4	2 26	1 53	3 42	11 10	1 21	6 38	2 55	21 1	0 45	8 46	1 45	20 17	0 12	20 32	1 30	11 19	17 35	18 59	19 19	26 38	9 2	0 20
S 5	6 13	2 17	3 24	2 16	3 40	10 43	1 22	6 37	2 55	21 2	0 45	8 43	1 45	20 17	0 12	20 32	1 30	11 19	17 35	19 1	19 20	26 38	9 3	0 20
M 6	5 50	3s42	4 12	2 42	3 37	10 16	1 23	6 35	2 55	21 3	0 45	8 40	1 45	20 17	0 12	20 32	1 30	11 20	17 35	19 2	19 21	26 37	9 4	0 20
T 7	5 27	9 38	4 47	3 10	3 31	9 49	1 23	6 32	2 56	21 4	0 45	8 38	1 45	20 17	0 12	20 32	1 30	11 21	17 36	19 4	19 22	26 37	9 5	0 20
W 8	5 4	15 11	5 6	3 39	3 24	9 21	1 24	6 30	2 56	21 4	0 45	8 35	1 45	20 17	0 12	20 33	1 30	11 22	17 36	19 5	19 22	26 36	9 7	0 20
T 9	4 40	20 0	5 7	4 9	3 15	8 53	1 25	6 27	2 56	21 5	0 45	8 32	1 45	20 17	0 12	20 33	1 30	11 23	17 36	19 7	19 23	26 36	9 8	0 20
F 10	4 17	23 44	4 50	4 40	3 5	8 25	1 25	6 24	2 56	21 6	0 45	8 29	1 45	20 16	0 12	20 33	1 30	11 23	17 37	19 8	19 24	26 36	9 9	0 20
S 11	3 53	26 3	4 15	5 9	2 53	7 57	1 25	6 21	2 56	21 6	0 45	8 27	1 45	20 16	0 12	20 33	1 30	11 24	17 37	19 8	19 24	26 35	9 10	0 19
S 12	3 30	26 42	3 24	5 38	2 40	7 28	1 26	6 17	2 56	21 7	0 45	8 24	1 45	20 16	0 12	20 33	1 29	11 25	17 37	19 9	19 25	26 35	9 11	0 19
M13	3 6	25 37	2 22	6 6	2 26	6 59	1 26	6 13	2 56	21 7	0 45	8 21	1 45	20 16	0 12	20 33	1 29	11 26	17 37	19 8	19 26	26 34	9 12	0 19
T 14	2 43	22 54	1 10	6 32	2 12	6 31	1 26	6 9	2 55	21 8	0 45	8 18	1 45	20 16	0 12	20 33	1 29	11 27	17 38	19 8	19 27	26 34	9 14	0 19
W15	2 19	18 49	0n 5	6 56	1 57	6 1	1 26	6 5	2 55	21 8	0 45	8 16	1 45	20 16	0 12	20 34	1 29	11 27	17 38	19 8	19 27	26 33	9 15	0 19
T 16	1 55	13 42	1 20	7 19	1 43	5 32	1 26	6 1	2 55	21 9	0 45	8 13	1 45	20 16	0 12	20 34	1 29	11 28	17 38	19 8	19 28	26 33	9 16	0 19
F 17	1 32	7 56	2 29	7 38	1 27	5 3	1 26	5 56	2 55	21 9	0 45	8 10	1 46	20 16	0 12	20 34	1 29	11 29	17 38	19 9	19 29	26 32	9 17	0 19
S 18	1 8	1 53	3 28	7 56	1 12	4 33	1 26	5 51	2 54	21 9	0 45	8 7	1 46	20 16	0 12	20 34	1 29	11 30	17 38	19 10	19 30	26 32	9 18	0 19
S 19	0 44	4n 9	4 15	8 11	0 58	4 4	1 26	5 46	2 54	21 9	0 45	8 5	1 46	20 16	0 12	20 34	1 29	11 31	17 38	19 12	19 30	26 31	9 20	0 19
M20	0 21	9 53	4 46	8 24	0 43	3 34	1 26	5 41	2 53	21 10	0 45	8 2	1 46	20 16	0 12	20 34	1 29	11 31	17 39	19 15	19 31	26 31	9 21	0 19
T 21	0n 3	15 4	5 3	8 35	0 29	3 4	1 26	5 35	2 53	21 10	0 45	7 59	1 46	20 15	0 12	20 35	1 29	11 32	17 39	19 17	19 32	26 30	9 22	0 19
W22	0 27	19 28	5 4	8 43	0 15	2 34	1 26	5 29	2 52	21 10	0 45	7 57	1 46	20 15	0 12	20 35	1 29	11 33	17 39	19 19	19 33	26 30	9 23	0 19
T 23	0 50	22 56	4 50	8 48	0 1	2 4	1 25	5 24	2 51	21 10	0 45	7 54	1 46	20 15	0 12	20 35	1 29	11 34	17 39	19 21	19 33	26 29	9 25	0 18
F 24	1 14	25 18	4 24	8 52	0s12	1 34	1 25	5 17	2 50	21 10	0 45	7 51	1 46	20 15	0 12	20 35	1 29	11 34	17 39	19 23	19 34	26 29	9 26	0 18
S 25	1 38	26 29	3 46	8 53	0 24	1 4	1 24	5 11	2 50	21 10	0 45	7 49	1 46	20 15	0 12	20 35	1 29	11 35	17 39	19 24	19 35	26 28	9 27	0 18
S 26	2 1	26 26	2 59	8 52	0 36	0 34	1 24	5 5	2 49	21 10	0 45	7 46	1 46	20 14	0 12	20 36	1 29	11 36	17 39	19 24	19 35	26 28	9 28	0 18
M27	2 25	25 11	2 4	8 49	0 48	0 3	1 23	4 58	2 48	21 10	0 45	7 43	1 47	20 14	0 12	20 36	1 29	11 36	17 39	19 24	19 36	26 27	9 30	0 18
T 28	2 48	22 48	1 4	8 44	0 58	0n27	1 22	4 52	2 46	21 10	0 45	7 41	1 47	20 14	0 12	20 36	1 29	11 37	17 40	19 24	19 37	26 27	9 31	0 18
W29	3 12	19 23	0s 0	8 37	1 9	0 57	1 22	4 45	2 45	21 10	0 45	7 38	1 47	20 14	0 12	20 36	1 29	11 38	17 40	19 24	19 38	26 26	9 32	0 18
T 30	3 35	15 4	1 5	8 27	1 19	1 27	1 21	4 38	2 44	21 10	0 45	7 36	1 47	20 14	0 12	20 37	1 28	11 39	17 40	19 24	19 38	26 26	9 34	0 18
F 31	3n58	10n 2	2s 9	8s16	1s28	1n57	1s20	4s31	2n43	21n 9	0n45	7s33	1s47	20s13	0n12	20n37	1s28	11n39	17n40	19s25	19s39	26n25	9n35	0n18

Julian Day Number = 2352988.5, Delta T = 11.23 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'24, Lahiri = 20°05'24Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1730
geocentric

APRIL 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 16	10♈59'34	11♍23	13♓17	9♈15	17°R32	28♋50	15♓ 9	1°R 4	10♊38	11°R34	3°R22	2♒22	27♊18	24♈ 1	S 1
S 2	12 40 13	11°58'36	24°42	14°14	10°29	17♎10	28°52	15°16	1♐ 3	10°39	11♎32	3♒14	2°18	27°25	24° 4	S 2
M 3	12 44 9	12°57'35	8♎25	15°14	11°44	16°47	28°53	15°22	1° 2	10°41	11°31	3° 4	2°15	27°32	24° 8	M 3
T 4	12 48 6	13°56'33	22°26	16°17	12°58	16°25	28°55	15°29	1° 0	10°42	11°29	2°53	2°12	27°38	24°12	T 4
W 5	12 52 2	14°55'28	6♏42	17°22	14°13	16° 2	28°57	15°36	0°59	10°44	11°27	2°42	2° 9	27°45	24°16	W 5
T 6	12 55 59	15°54'22	21° 6	18°30	15°27	15°39	28°59	15°43	0°58	10°45	11°26	2°32	2° 6	27°52	24°20	T 6
F 7	12 59 56	16°53'13	5♐33	19°40	16°41	15°16	29° 1	15°49	0°56	10°47	11°24	2°24	2° 3	27°58	24°23	F 7
S 8	13 3 52	17°52'04	19°58	20°52	17°56	14°53	29° 4	15°56	0°54	10°48	11°22	2°19	1°59	28° 5	24°27	S 8
S 9	13 7 49	18°50'52	4♑15	22° 7	19°10	14°30	29° 6	16° 3	0°53	10°50	11°21	2°17	1°56	28°12	24°31	S 9
M10	13 11 45	19°49'39	18°23	23°24	20°24	14° 7	29° 9	16° 9	0°51	10°51	11°19	2°D16	1°53	28°18	24°35	M10
T 11	13 15 42	20°48'23	2♒21	24°42	21°38	13°44	29°12	16°16	0°50	10°53	11°17	2°R16	1°50	28°25	24°39	T 11
W12	13 19 38	21°47'07	16° 9	26° 3	22°53	13°22	29°15	16°22	0°48	10°54	11°16	2°16	1°47	28°32	24°42	W12
T 13	13 23 35	22°45'48	29°47	27°26	24° 7	12°59	29°18	16°29	0°46	10°56	11°14	2°13	1°43	28°38	24°46	T 13
F 14	13 27 31	23°44'28	13♓15	28°50	25°21	12°37	29°22	16°35	0°44	10°57	11°12	2° 9	1°40	28°45	24°50	F 14
S 15	13 31 28	24°43'05	26°33	0♈17	26°35	12°15	29°26	16°41	0°42	10°59	11°11	2° 1	1°37	28°52	24°54	S 15
S 16	13 35 25	25°41'42	9♈40	1°45	27°50	11°53	29°29	16°48	0°41	11° 1	11° 9	1°50	1°34	28°58	24°58	S 16
M17	13 39 21	26°40'16	22°34	3°15	29° 4	11°32	29°33	16°54	0°39	11° 2	11° 8	1°37	1°31	29° 5	25° 1	M17
T 18	13 43 18	27°38'48	5♉15	4°47	0♉18	11°11	29°38	17° 0	0°37	11° 4	11° 6	1°24	1°28	29°12	25° 5	T 18
W19	13 47 14	28°37'19	17°44	6°20	1°32	10°50	29°42	17° 6	0°35	11° 6	11° 4	1°11	1°24	29°18	25° 9	W19
T 20	13 51 11	29°35'47	29°59	7°56	2°46	10°30	29°46	17°12	0°33	11° 8	11° 3	0°59	1°21	29°25	25°13	T 20
F 21	13 55 7	0♉34'14	12♊ 2	9°33	4° 0	10°11	29°51	17°18	0°31	11° 9	11° 1	0°49	1°18	29°32	25°17	F 21
S 22	13 59 4	1°32'38	23°57	11°12	5°14	9°52	29°56	17°24	0°29	11°11	11° 0	0°43	1°15	29°38	25°21	S 22
S 23	14 3 0	2°31'01	5♋46	12°52	6°28	9°33	0♌ 1	17°30	0°27	11°13	10°58	0°39	1°12	29°45	25°24	S 23
M24	14 6 57	3°29'21	17°34	14°34	7°43	9°16	0° 6	17°36	0°25	11°15	10°57	0°37	1° 9	29°52	25°28	M24
T 25	14 10 54	4°27'39	29°26	16°19	8°57	8°58	0°11	17°42	0°22	11°17	10°55	0°37	1° 5	29°58	25°32	T 25
W26	14 14 50	5°25'55	11♌27	18° 4	10°11	8°42	0°17	17°48	0°20	11°19	10°54	0°37	1° 2	0♋ 5	25°36	W26
T 27	14 18 47	6°24'10	23°44	19°52	11°25	8°26	0°22	17°54	0°18	11°21	10°52	0°36	0°59	0°12	25°40	T 27
F 28	14 22 43	7°22'22	6♍20	21°41	12°39	8°11	0°28	17°59	0°16	11°22	10°51	0°33	0°56	0°18	25°43	F 28
S 29	14 26 40	8°20'32	19°20	23°33	13°53	7°57	0°34	18° 5	0°14	11°24	10°49	0°28	0°53	0°25	25°47	S 29
S 30	14 30 36	9♉18'40	2♎47	25♈26	15♉ 7	7♎43	0♌40	18♓10	0♐11	11♊26	10♎48	0♒21	0♒49	0♋32	25♈51	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	4n21	4n25	3s 7	8s 4	1s36	2n28	1s19	4s24	2n41	21n 9	0n45	7s30	1s47	20s13	0n12	20n37	1s28	11n40	17n40	19s26	19s40	26n25	9n36	0n18
S 2	4 45	1s31	3 57	7 49	1 44	2 58	1 18	4 17	2 40	21 9	0 45	7 28	1 47	20 13	0 12	20 37	1 28	11 41	17 40	19 28	19 41	26 24	9 37	0 18
M 3	5 8	7 33	4 35	7 33	1 52	3 28	1 17	4 10	2 38	21 8	0 45	7 25	1 47	20 13	0 12	20 38	1 28	11 41	17 40	19 30	19 41	26 23	9 39	0 18
T 4	5 30	13 20	4 57	7 15	1 59	3 58	1 16	4 3	2 37	21 8	0 44	7 23	1 47	20 12	0 12	20 38	1 28	11 42	17 40	19 33	19 42	26 23	9 40	0 17
W 5	5 53	18 30	5 1	6 55	2 5	4 28	1 15	3 56	2 35	21 8	0 44	7 20	1 48	20 12	0 11	20 38	1 28	11 42	17 40	19 35	19 43	26 22	9 41	0 17
T 6	6 16	22 40	4 46	6 34	2 11	4 58	1 14	3 49	2 33	21 7	0 44	7 18	1 48	20 12	0 11	20 38	1 28	11 43	17 40	19 37	19 43	26 21	9 43	0 17
F 7	6 39	25 25	4 13	6 11	2 16	5 27	1 12	3 42	2 31	21 7	0 44	7 15	1 48	20 11	0 11	20 39	1 28	11 44	17 40	19 39	19 44	26 21	9 44	0 17
S 8	7 1	26 29	3 24	5 47	2 21	5 57	1 11	3 35	2 29	21 6	0 44	7 13	1 48	20 11	0 11	20 39	1 28	11 44	17 40	19 40	19 45	26 20	9 45	0 17
S 9	7 24	25 47	2 23	5 21	2 25	6 26	1 10	3 28	2 27	21 5	0 44	7 10	1 48	20 11	0 11	20 39	1 28	11 45	17 40	19 41	19 46	26 20	9 47	0 17
M10	7 46	23 25	1 13	4 54	2 29	6 56	1 8	3 21	2 25	21 5	0 44	7 8	1 48	20 10	0 11	20 39	1 28	11 45	17 40	19 41	19 46	26 19	9 48	0 17
T 11	8 8	19 39	0n 0	4 26	2 32	7 25	1 7	3 14	2 23	21 4	0 44	7 6	1 48	20 10	0 11	20 40	1 28	11 46	17 40	19 41	19 47	26 18	9 49	0 17
W12	8 30	14 52	1 13	3 56	2 34	7 54	1 5	3 7	2 21	21 4	0 44	7 3	1 49	20 10	0 11	20 40	1 28	11 47	17 39	19 41	19 48	26 18	9 51	0 17
T 13	8 52	9 23	2 20	3 25	2 36	8 23	1 4	3 0	2 19	21 3	0 44	7 1	1 49	20 9	0 11	20 40	1 28	11 47	17 39	19 42	19 48	26 17	9 52	0 17
F 14	9 14	3 32	3 19	2 52	2 37	8 51	1 2	2 54	2 17	21 2	0 44	6 58	1 49	20 9	0 11	20 40	1 28	11 48	17 39	19 43	19 49	26 16	9 53	0 17
S 15	9 35	2n23	4 5	2 19	2 38	9 20	1 0	2 47	2 14	21 1	0 44	6 56	1 49	20 9	0 11	20 41	1 28	11 48	17 39	19 45	19 50	26 16	9 55	0 17
S 16	9 57	8 6	4 38	1 44	2 39	9 48	0 59	2 41	2 12	21 0	0 44	6 54	1 49	20 8	0 11	20 41	1 28	11 49	17 39	19 47	19 51	26 15	9 56	0 17
M17	10 18	13 22	4 56	1 8	2 38	10 16	0 57	2 35	2 10	21 0	0 44	6 51	1 49	20 8	0 11	20 41	1 28	11 49	17 39	19 50	19 51	26 14	9 57	0 16
T 18	10 39	17 59	4 59	0 31	2 38	10 44	0 55	2 29	2 7	20 59	0 44	6 49	1 49	20 7	0 11	20 41	1 28	11 50	17 39	19 53	19 52	26 14	9 59	0 16
W19	11 0	21 45	4 48	0n 8	2 36	11 12	0 53	2 23	2 5	20 58	0 44	6 47	1 50	20 7	0 11	20 42	1 28	11 50	17 39	19 56	19 53	26 13	10 0	0 16
T 20	11 21	24 27	4 23	0 47	2 35	11 39	0 51	2 18	2 2	20 57	0 44	6 45	1 50	20 7	0 11	20 42	1 28	11 51	17 38	19 58	19 53	26 12	10 1	0 16
F 21	11 41	26 1	3 47	1 27	2 32	12 6	0 50	2 12	2 0	20 56	0 44	6 42	1 50	20 6	0 11	20 42	1 27	11 51	17 38	20 0	19 54	26 11	10 3	0 16
S 22	12 2	26 21	3 1	2 9	2 29	12 32	0 48	2 7	1 57	20 55	0 44	6 40	1 50	20 6	0 11	20 43	1 27	11 51	17 38	20 2	19 55	26 11	10 4	0 16
S 23	12 22	25 28	2 7	2 51	2 26	12 59	0 46	2 2	1 54	20 53	0 44	6 38	1 50	20 5	0 11	20 43	1 27	11 52	17 38	20 3	19 55	26 10	10 5	0 16
M24	12 42	23 27	1 9	3 34	2 22	13 25	0 44	1 58	1 52	20 52	0 44	6 36	1 50	20 5	0 11	20 43	1 27	11 52	17 38	20 3	19 56	26 9	10 7	0 16
T 25	13 2	20 24	0 6	4 18	2 18	13 51	0 41	1 53	1 49	20 51	0 44	6 34	1 51	20 4	0 11	20 43	1 27	11 53	17 37	20 3	19 57	26 8	10 8	0 16
W26	13 21	16 27	0s57	5 3	2 13	14 16	0 39	1 49	1 47	20 50	0 44	6 32	1 51	20 4	0 11	20 44	1 27	11 53	17 37	20 3	19 57	26 8	10 9	0 16
T 27	13 40	11 45	1 59	5 49	2 7	14 41	0 37	1 46	1 44	20 49	0 44	6 30	1 51	20 4	0 11	20 44	1 27	11 53	17 37	20 3	19 58	26 7	10 11	0 16
F 28	14 0	6 28	2 57	6 35	2 1	15 6	0 35	1 42	1 41	20 47	0 44	6 28	1 51	20 3	0 11	20 44	1 27	11 54	17 37	20 4	19 59	26 6	10 12	0 16
S 29	14 18	0 44	3 48	7 23	1 55	15 30	0 33	1 39	1 38	20 46	0 44	6 26	1 51	20 3	0 11	20 45	1 27	11 54	17 36	20 5	20 0	26 5	10 13	0 16
S 30	14n37	5s12	4s27	8n10	1s48	15n54	0s31	1s36	1n36	20n45	0n44	6s24	1s52	20s 2	0n11	20n45	1s27	11n54	17n36	20s 6	20s 0	26n 5	10n14	0n15

Julian Day Number = 2353019.5, Delta T = 11.24 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'28, Lahiri = 20°05'28Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1730
geocentric

MAY 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 34 33	10♉16'46	16♎41	27♈20	16♉20	7°R30	0♌46	18♓16	0°R 9	11♊28	10°R46	0°R11	0♒46	0♋38	25♈55	M 1
T 2	14 38 29	11°14'50	0♏59	29°17	17°34	7♎18	0°53	18°21	0♐ 7	11°30	10♎45	29♑59	0°43	0°45	25°58	T 2
W 3	14 42 26	12°12'53	15°36	1♉15	18°48	7° 6	0°59	18°27	0° 4	11°32	10°44	29°49	0°40	0°52	26° 2	W 3
T 4	14 46 22	13°10'54	0♐25	3°15	20° 2	6°56	1° 6	18°32	0° 2	11°34	10°42	29°39	0°37	0°58	26° 6	T 4
F 5	14 50 19	14° 8'54	15°17	5°17	21°16	6°46	1°13	18°37	29♏59	11°36	10°41	29°31	0°34	1° 5	26° 9	F 5
S 6	14 54 16	15° 6'52	0♑ 4	7°20	22°30	6°37	1°19	18°42	29°57	11°38	10°40	29°26	0°30	1°12	26°13	S 6
S 7	14 58 12	16° 4'49	14°39	9°25	23°44	6°28	1°27	18°47	29°55	11°40	10°38	29°23	0°27	1°18	26°17	S 7
M 8	15 2 9	17° 2'44	28°59	11°31	24°58	6°21	1°34	18°52	29°53	11°43	10°37	29°D22	0°24	1°25	26°20	M 8
T 9	15 6 5	18° 0'38	13♒ 1	13°38	26°11	6°14	1°41	18°57	29°50	11°45	10°36	29°R23	0°21	1°32	26°24	T 9
W10	15 10 2	18°58'31	26°46	15°47	27°25	6° 8	1°48	19° 2	29°48	11°47	10°34	29°22	0°18	1°38	26°28	W10
T 11	15 13 58	19°56'23	10♓14	17°56	28°39	6° 3	1°56	19° 7	29°45	11°49	10°33	29°21	0°14	1°45	26°31	T 11
F 12	15 17 55	20°54'13	23°26	20° 7	29°53	5°59	2° 4	19°12	29°43	11°51	10°32	29°17	0°11	1°52	26°35	F 12
S 13	15 21 51	21°52'03	6♈26	22°18	1♊ 7	5°55	2°12	19°16	29°40	11°53	10°31	29°10	0° 8	1°58	26°38	S 13
S 14	15 25 48	22°49'51	19°12	24°29	2°20	5°53	2°20	19°21	29°38	11°55	10°30	29° 1	0° 5	2° 5	26°42	S 14
M15	15 29 45	23°47'38	1♉48	26°40	3°34	5°51	2°28	19°25	29°35	11°57	10°29	28°50	0° 2	2°12	26°45	M15
T 16	15 33 41	24°45'23	14°12	28°51	4°48	5°50	2°36	19°30	29°33	11°59	10°28	28°39	29♑59	2°18	26°49	T 16
W17	15 37 38	25°43'07	26°26	1♊ 2	6° 2	5°D49	2°44	19°34	29°30	12° 2	10°26	28°27	29°55	2°25	26°52	W17
T 18	15 41 34	26°40'50	8♊31	3°12	7°15	5°50	2°53	19°39	29°28	12° 4	10°25	28°17	29°52	2°32	26°56	T 18
F 19	15 45 31	27°38'32	20°28	5°21	8°29	5°51	3° 1	19°43	29°25	12° 6	10°24	28° 9	29°49	2°38	26°59	F 19
S 20	15 49 27	28°36'12	2♋19	7°28	9°43	5°53	3°10	19°47	29°23	12° 8	10°23	28° 3	29°46	2°45	27° 3	S 20
S 21	15 53 24	29°33'51	14° 6	9°34	10°56	5°56	3°19	19°51	29°20	12°10	10°22	28° 0	29°43	2°51	27° 6	S 21
M22	15 57 21	0♊31'28	25°53	11°38	12°10	5°59	3°27	19°55	29°18	12°13	10°22	27°D59	29°40	2°58	27° 9	M22
T 23	16 1 17	1°29'04	7♌45	13°40	13°24	6° 3	3°36	19°59	29°16	12°15	10°21	27°59	29°36	3° 5	27°13	T 23
W24	16 5 14	2°26'39	19°45	15°40	14°37	6° 8	3°46	20° 3	29°13	12°17	10°20	28° 0	29°33	3°11	27°16	W24
T 25	16 9 10	3°24'12	2♍ 0	17°37	15°51	6°14	3°55	20° 6	29°11	12°19	10°19	28°R 1	29°30	3°18	27°19	T 25
F 26	16 13 7	4°21'44	14°34	19°33	17° 4	6°20	4° 4	20°10	29° 8	12°21	10°18	28° 0	29°27	3°25	27°22	F 26
S 27	16 17 3	5°19'14	27°32	21°25	18°18	6°28	4°13	20°13	29° 6	12°24	10°17	27°58	29°24	3°31	27°26	S 27
S 28	16 21 0	6°16'43	10♎57	23°15	19°31	6°35	4°23	20°17	29° 3	12°26	10°17	27°54	29°20	3°38	27°29	S 28
M29	16 24 56	7°14'10	24°52	25° 3	20°45	6°44	4°33	20°20	29° 1	12°28	10°16	27°48	29°17	3°45	27°32	M29
T 30	16 28 53	8°11'37	9♏14	26°48	21°58	6°53	4°42	20°24	28°58	12°30	10°15	27°41	29°14	3°51	27°35	T 30
W31	16 32 50	9♊ 9'02	23♏59	28♊30	23♊12	7♎ 3	4♌52	20♓27	28♏56	12♊33	10♎14	27♑33	29♑11	3♋58	27♈38	W31

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
M 1	14n55	11s 4	4s53	8n59	1s41	16n18	0s28	1s33	1n33	20n43	0n43	6s22	1s52	20s 2	0n11	20n45	1s27	11n55	17n36	20s 9	20s 1	26n 4	10n16	0n15
T 2	15 14	16 32	5 1	9 47	1 33	16 41	0 26	1 31	1 30	20 42	0 43	6 20	1 52	20 1	0 11	20 45	1 27	11 55	17 36	20 11	20 2	26 3	10 17	0 15
W 3	15 32	21 9	4 50	10 36	1 24	17 4	0 24	1 29	1 28	20 40	0 43	6 18	1 52	20 1	0 11	20 46	1 27	11 55	17 35	20 13	20 2	26 2	10 18	0 15
T 4	15 49	24 30	4 19	11 26	1 16	17 26	0 22	1 27	1 25	20 39	0 43	6 16	1 52	20 0	0 11	20 46	1 27	11 55	17 35	20 15	20 3	26 1	10 20	0 15
F 5	16 7	26 9	3 31	12 15	1 7	17 48	0 19	1 26	1 22	20 37	0 43	6 14	1 53	20 0	0 11	20 46	1 27	11 56	17 35	20 17	20 4	26 0	10 21	0 15
S 6	16 24	25 57	2 29	13 5	0 57	18 9	0 17	1 25	1 20	20 36	0 43	6 12	1 53	19 59	0 11	20 47	1 27	11 56	17 34	20 18	20 4	26 0	10 22	0 15
S 7	16 41	23 57	1 17	13 54	0 47	18 30	0 15	1 24	1 17	20 34	0 43	6 10	1 53	19 59	0 11	20 47	1 27	11 56	17 34	20 19	20 5	25 59	10 23	0 15
M 8	16 57	20 26	0 2	14 43	0 37	18 50	0 12	1 23	1 14	20 33	0 43	6 9	1 53	19 58	0 11	20 47	1 27	11 56	17 34	20 19	20 6	25 58	10 25	0 15
T 9	17 13	15 47	1n12	15 31	0 27	19 10	0 10	1 23	1 12	20 31	0 43	6 7	1 53	19 58	0 11	20 48	1 27	11 56	17 33	20 19	20 6	25 57	10 26	0 15
W10	17 29	10 25	2 20	16 19	0 17	19 30	0 7	1 23	1 9	20 29	0 43	6 5	1 54	19 57	0 11	20 48	1 27	11 56	17 33	20 19	20 7	25 56	10 27	0 15
T 11	17 45	4 40	3 19	17 6	0 6	19 48	0 5	1 23	1 7	20 28	0 43	6 3	1 54	19 57	0 11	20 48	1 27	11 57	17 33	20 19	20 8	25 55	10 28	0 15
F 12	18 1	1n 9	4 6	17 52	0n 4	20 7	0 3	1 24	1 4	20 26	0 43	6 2	1 54	19 56	0 11	20 49	1 27	11 57	17 32	20 20	20 8	25 55	10 30	0 15
S 13	18 16	6 50	4 40	18 37	0 15	20 25	0 0	1 25	1 1	20 24	0 43	6 0	1 54	19 56	0 11	20 49	1 27	11 57	17 32	20 21	20 9	25 54	10 31	0 15
S 14	18 30	12 8	4 58	19 20	0 25	20 42	0n 2	1 26	0 59	20 22	0 43	5 58	1 54	19 55	0 11	20 49	1 27	11 57	17 32	20 23	20 10	25 53	10 32	0 14
M15	18 45	16 50	5 2	20 1	0 36	20 59	0 5	1 28	0 56	20 20	0 43	5 57	1 55	19 55	0 11	20 49	1 27	11 57	17 31	20 25	20 10	25 52	10 33	0 14
T 16	18 59	20 46	4 52	20 41	0 46	21 15	0 7	1 30	0 54	20 18	0 43	5 55	1 55	19 54	0 11	20 50	1 27	11 57	17 31	20 28	20 11	25 51	10 34	0 14
W17	19 13	23 44	4 28	21 18	0 55	21 30	0 10	1 32	0 51	20 17	0 43	5 54	1 55	19 54	0 11	20 50	1 27	11 57	17 30	20 30	20 12	25 50	10 36	0 14
T 18	19 27	25 35	3 52	21 53	1 5	21 45	0 12	1 34	0 49	20 15	0 43	5 52	1 55	19 53	0 11	20 50	1 27	11 57	17 30	20 32	20 13	25 49	10 37	0 14
F 19	19 40	26 14	3 7	22 26	1 14	21 59	0 14	1 37	0 47	20 13	0 43	5 51	1 55	19 52	0 11	20 51	1 27	11 57	17 30	20 34	20 13	25 48	10 38	0 14
S 20	19 53	25 40	2 13	22 56	1 22	22 13	0 17	1 40	0 44	20 11	0 43	5 50	1 56	19 52	0 11	20 51	1 27	11 57	17 29	20 35	20 14	25 47	10 39	0 14
S 21	20 5	23 57	1 14	23 24	1 30	22 26	0 19	1 43	0 42	20 8	0 43	5 48	1 56	19 51	0 11	20 51	1 27	11 57	17 29	20 36	20 15	25 46	10 40	0 14
M22	20 17	21 11	0 11	23 49	1 37	22 39	0 22	1 47	0 40	20 6	0 43	5 47	1 56	19 51	0 11	20 52	1 27	11 57	17 28	20 36	20 15	25 45	10 41	0 14
T 23	20 29	17 31	0s52	24 11	1 44	22 50	0 24	1 50	0 37	20 4	0 43	5 45	1 56	19 50	0 11	20 52	1 27	11 57	17 28	20 36	20 16	25 45	10 43	0 14
W24	20 41	13 6	1 54	24 31	1 49	23 2	0 26	1 54	0 35	20 2	0 43	5 44	1 57	19 50	0 11	20 52	1 27	11 57	17 28	20 36	20 17	25 44	10 44	0 14
T 25	20 52	8 6	2 52	24 48	1 55	23 12	0 29	1 59	0 33	20 0	0 43	5 43	1 57	19 49	0 11	20 52	1 27	11 57	17 27	20 35	20 17	25 43	10 45	0 14
F 26	21 3	2 39	3 44	25 2	1 59	23 22	0 31	2 3	0 31	19 58	0 43	5 42	1 57	19 49	0 11	20 53	1 27	11 57	17 27	20 36	20 18	25 42	10 46	0 14
S 27	21 13	3s 5	4 25	25 14	2 3	23 31	0 34	2 8	0 28	19 55	0 43	5 41	1 57	19 48	0 11	20 53	1 27	11 57	17 26	20 36	20 19	25 41	10 47	0 14
S 28	21 23	8 51	4 54	25 24	2 6	23 39	0 36	2 13	0 26	19 53	0 43	5 39	1 58	19 48	0 11	20 53	1 27	11 57	17 26	20 37	20 19	25 40	10 48	0 13
M29	21 33	14 24	5 7	25 30	2 8	23 47	0 38	2 18	0 24	19 51	0 43	5 38	1 58	19 47	0 11	20 54	1 27	11 56	17 25	20 38	20 20	25 39	10 49	0 13
T 30	21 42	19 21	5 1	25 35	2 9	23 54	0 41	2 24	0 22	19 48	0 43	5 37	1 58	19 47	0 11	20 54	1 27	11 56	17 25	20 39	20 20	25 38	10 50	0 13
W31	21n51	23s15	4s36	25n38	2n 9	24n 1	0n43	2s30	0n20	19n46	0n43	5s36	1s58	19s46	0n11	20n54	1s27	11n56	17n24	20s41	20s21	25n37	10n51	0n13

Julian Day Number = 2353049.5, Delta T = 11.25 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'32, Lahiri = 20°05'33Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1730
geocentric

JUNE 1730

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 46	10♊ 6'27	9♐ 1	0♋ 9	24♊25	7♎13	5♌ 2	20♓30	28°R53	12♊35	10°R14	27°R26	29♑ 8	4♋ 5	27♈41	T 1
F 2	16 40 43	11° 3'50	24°10	1°46	25°39	7°24	5°12	20°33	28♏51	12°37	10♎13	27♑21	29° 5	4°11	27°44	F 2
S 3	16 44 39	12° 1'13	9♑16	3°19	26°52	7°35	5°22	20°36	28°48	12°39	10°13	27°18	29° 1	4°18	27°47	S 3
S 4	16 48 36	12°58'35	24°10	4°50	28° 6	7°48	5°32	20°39	28°46	12°42	10°12	27°D17	28°58	4°25	27°50	S 4
M 5	16 52 32	13°55'56	8♒46	6°18	29°19	8° 0	5°42	20°41	28°44	12°44	10°12	27°17	28°55	4°31	27°53	M 5
T 6	16 56 29	14°53'17	23° 0	7°43	0♋33	8°14	5°53	20°44	28°41	12°46	10°11	27°18	28°52	4°38	27°56	T 6
W 7	17 0 25	15°50'37	6♓52	9° 5	1°46	8°28	6° 3	20°47	28°39	12°48	10°11	27°20	28°49	4°45	27°59	W 7
T 8	17 4 22	16°47'57	20°20	10°25	2°59	8°42	6°14	20°49	28°37	12°51	10°10	27°R20	28°46	4°51	28° 2	T 8
F 9	17 8 19	17°45'16	3♈28	11°41	4°13	8°57	6°24	20°51	28°34	12°53	10°10	27°19	28°42	4°58	28° 4	F 9
S 10	17 12 15	18°42'35	16°18	12°54	5°26	9°13	6°35	20°54	28°32	12°55	10° 9	27°16	28°39	5° 5	28° 7	S 10
S 11	17 16 12	19°39'53	28°52	14° 4	6°40	9°29	6°46	20°56	28°30	12°57	10° 9	27°11	28°36	5°11	28°10	S 11
M12	17 20 8	20°37'11	11♉14	15°11	7°53	9°45	6°57	20°58	28°27	12°59	10° 9	27° 6	28°33	5°18	28°12	M12
T 13	17 24 5	21°34'29	23°25	16°15	9° 6	10° 3	7° 8	21° 0	28°25	13° 2	10° 9	26°59	28°30	5°25	28°15	T 13
W14	17 28 1	22°31'47	5♊27	17°15	10°20	10°20	7°19	21° 2	28°23	13° 4	10° 8	26°53	28°26	5°31	28°18	W14
T 15	17 31 58	23°29'03	17°23	18°12	11°33	10°38	7°30	21° 4	28°21	13° 6	10° 8	26°48	28°23	5°38	28°20	T 15
F 16	17 35 54	24°26'20	29°13	19° 5	12°46	10°57	7°41	21° 5	28°19	13° 8	10° 8	26°44	28°20	5°45	28°23	F 16
S 17	17 39 51	25°23'36	11♋ 1	19°55	13°59	11°16	7°52	21° 7	28°17	13°11	10° 8	26°41	28°17	5°51	28°25	S 17
S 18	17 43 48	26°20'51	22°48	20°41	15°13	11°36	8° 3	21° 9	28°14	13°13	10° 8	26°D40	28°14	5°58	28°28	S 18
M19	17 47 44	27°18'06	4♌37	21°24	16°26	11°56	8°15	21°10	28°12	13°15	10° 8	26°40	28°11	6° 5	28°30	M19
T 20	17 51 41	28°15'20	16°32	22° 2	17°39	12°16	8°26	21°11	28°10	13°17	10°D 8	26°41	28° 7	6°11	28°32	T 20
W21	17 55 37	29°12'34	28°35	22°37	18°52	12°37	8°37	21°13	28° 8	13°19	10° 8	26°43	28° 4	6°18	28°35	W21
T 22	17 59 34	0♋ 9'47	10♍52	23° 7	20° 6	12°59	8°49	21°14	28° 6	13°21	10° 8	26°44	28° 1	6°25	28°37	T 22
F 23	18 3 30	1° 7'00	23°25	23°33	21°19	13°20	9° 1	21°15	28° 4	13°24	10° 8	26°45	27°58	6°31	28°39	F 23
S 24	18 7 27	2° 4'12	6♎20	23°55	22°32	13°43	9°12	21°16	28° 2	13°26	10° 8	26°R45	27°55	6°38	28°41	S 24
S 25	18 11 23	3° 1'24	19°41	24°12	23°45	14° 5	9°24	21°16	28° 0	13°28	10° 8	26°45	27°52	6°45	28°43	S 25
M26	18 15 20	3°58'35	3♏28	24°25	24°58	14°28	9°36	21°17	27°59	13°30	10° 8	26°43	27°48	6°51	28°45	M26
T 27	18 19 17	4°55'46	17°43	24°33	26°11	14°52	9°48	21°18	27°57	13°32	10° 8	26°40	27°45	6°58	28°47	T 27
W28	18 23 13	5°52'57	2♐22	24°R36	27°24	15°15	9°59	21°18	27°55	13°34	10° 9	26°38	27°42	7° 5	28°49	W28
T 29	18 27 10	6°50'07	17°21	24°35	28°37	15°39	10°11	21°19	27°53	13°36	10° 9	26°35	27°39	7°11	28°51	T 29
F 30	18 31 6	7♋47'17	2♑32	24♋29	29♋51	16♎ 4	10♌23	21♓19	27♏52	13♊38	10♎ 9	26♑33	27♑36	7♋18	28♈53	F 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
T 1	22n 0	25s38	3s51	25n38	2n 9	24n 6	0n45	2s36	0n18	19n44	0n43	5s35	1s59	19s46	0n11	20n55	1s27	11n56	17n24	20s42	20s22	25n36	10n52	0n13
F 2	22 8	26 10	2 49	25 36	2 8	24 11	0 47	2 42	0 16	19 41	0 43	5 34	1 59	19 45	0 11	20 55	1 27	11 56	17 23	20 43	20 22	25 35	10 53	0 13
S 3	22 16	24 45	1 36	25 32	2 6	24 16	0 49	2 48	0 14	19 39	0 43	5 33	1 59	19 45	0 11	20 55	1 26	11 55	17 23	20 44	20 23	25 34	10 54	0 13
S 4	22 23	21 35	0 17	25 27	2 4	24 19	0 52	2 55	0 12	19 36	0 43	5 32	1 59	19 44	0 11	20 55	1 26	11 55	17 22	20 44	20 24	25 33	10 55	0 13
M 5	22 30	17 6	1n 2	25 20	2 1	24 22	0 54	3 2	0 10	19 34	0 43	5 32	2 0	19 44	0 11	20 56	1 26	11 55	17 22	20 44	20 24	25 32	10 56	0 13
T 6	22 37	11 45	2 15	25 11	1 57	24 24	0 56	3 9	0 8	19 31	0 43	5 31	2 0	19 43	0 11	20 56	1 26	11 55	17 21	20 44	20 25	25 31	10 57	0 13
W 7	22 43	5 56	3 18	25 1	1 52	24 26	0 58	3 16	0 6	19 29	0 43	5 30	2 0	19 43	0 11	20 56	1 26	11 54	17 21	20 44	20 26	25 30	10 58	0 13
T 8	22 49	0 2	4 8	24 50	1 46	24 26	1 0	3 23	0 4	19 26	0 43	5 29	2 0	19 42	0 11	20 57	1 26	11 54	17 20	20 44	20 26	25 28	10 59	0 13
F 9	22 55	5n44	4 44	24 37	1 40	24 26	1 2	3 31	0 3	19 23	0 43	5 28	2 1	19 42	0 11	20 57	1 26	11 54	17 20	20 44	20 27	25 27	11 0	0 13
S 10	23 0	11 6	5 5	24 24	1 33	24 26	1 4	3 39	0 1	19 21	0 43	5 28	2 1	19 41	0 11	20 57	1 26	11 53	17 19	20 44	20 28	25 26	11 1	0 13
S 11	23 4	15 55	5 10	24 9	1 25	24 24	1 6	3 47	0s 1	19 18	0 43	5 27	2 1	19 41	0 11	20 57	1 26	11 53	17 19	20 45	20 28	25 25	11 2	0 12
M12	23 9	19 59	5 1	23 53	1 17	24 22	1 8	3 55	0 3	19 15	0 43	5 27	2 1	19 40	0 11	20 58	1 26	11 53	17 18	20 46	20 29	25 24	11 3	0 12
T 13	23 12	23 9	4 39	23 37	1 8	24 19	1 9	4 3	0 4	19 12	0 43	5 26	2 2	19 40	0 11	20 58	1 26	11 52	17 18	20 47	20 30	25 23	11 4	0 12
W14	23 16	25 14	4 4	23 20	0 59	24 15	1 11	4 11	0 6	19 10	0 43	5 26	2 2	19 39	0 11	20 58	1 26	11 52	17 17	20 49	20 30	25 22	11 5	0 12
T 15	23 19	26 10	3 18	23 2	0 48	24 11	1 13	4 20	0 8	19 7	0 43	5 25	2 2	19 39	0 11	20 59	1 26	11 51	17 17	20 50	20 31	25 21	11 5	0 12
F 16	23 22	25 53	2 25	22 44	0 37	24 6	1 14	4 29	0 9	19 4	0 43	5 25	2 2	19 38	0 11	20 59	1 26	11 51	17 16	20 51	20 32	25 20	11 6	0 12
S 17	23 24	24 25	1 25	22 25	0 26	24 0	1 16	4 38	0 11	19 1	0 43	5 24	2 3	19 38	0 11	20 59	1 26	11 51	17 15	20 51	20 32	25 19	11 7	0 12
S 18	23 25	21 53	0 21	22 6	0 14	23 54	1 18	4 47	0 12	18 58	0 43	5 24	2 3	19 37	0 11	20 59	1 26	11 50	17 15	20 51	20 33	25 18	11 8	0 12
M19	23 27	18 26	0s44	21 47	0 1	23 46	1 19	4 56	0 14	18 55	0 43	5 24	2 3	19 37	0 11	21 0	1 26	11 50	17 14	20 51	20 33	25 16	11 9	0 12
T 20	23 28	14 12	1 47	21 28	0s12	23 38	1 21	5 6	0 16	18 52	0 43	5 23	2 3	19 36	0 11	21 0	1 26	11 49	17 14	20 51	20 34	25 15	11 9	0 12
W21	23 28	9 23	2 47	21 9	0 26	23 30	1 22	5 15	0 17	18 49	0 43	5 23	2 4	19 36	0 11	21 0	1 26	11 49	17 13	20 51	20 35	25 14	11 10	0 12
T 22	23 29	4 7	3 40	20 50	0 40	23 21	1 23	5 25	0 19	18 46	0 43	5 23	2 4	19 36	0 11	21 0	1 26	11 48	17 13	20 50	20 35	25 13	11 11	0 12
F 23	23 28	1s25	4 23	20 31	0 55	23 11	1 25	5 35	0 20	18 43	0 43	5 23	2 4	19 35	0 11	21 1	1 27	11 48	17 12	20 50	20 36	25 12	11 12	0 12
S 24	23 28	7 2	4 55	20 13	1 10	23 0	1 26	5 45	0 22	18 40	0 43	5 23	2 4	19 35	0 11	21 1	1 27	11 47	17 12	20 50	20 37	25 11	11 12	0 12
S 25	23 26	12 32	5 13	19 55	1 25	22 49	1 27	5 55	0 23	18 37	0 43	5 22	2 5	19 34	0 11	21 1	1 27	11 46	17 11	20 50	20 37	25 10	11 13	0 11
M26	23 25	17 35	5 13	19 37	1 40	22 37	1 28	6 5	0 24	18 34	0 43	5 22	2 5	19 34	0 11	21 1	1 27	11 46	17 11	20 51	20 38	25 8	11 14	0 11
T 27	23 23	21 50	4 54	19 20	1 56	22 24	1 29	6 15	0 26	18 31	0 43	5 22	2 5	19 33	0 11	21 2	1 27	11 45	17 10	20 51	20 39	25 7	11 14	0 11
W28	23 21	24 51	4 16	19 4	2 12	22 11	1 30	6 26	0 27	18 27	0 43	5 22	2 6	19 33	0 11	21 2	1 27	11 45	17 9	20 52	20 39	25 6	11 15	0 11
T 29	23 18	26 11	3 20	18 49	2 27	21 57	1 31	6 37	0 28	18 24	0 43	5 23	2 6	19 33	0 11	21 2	1 27	11 44	17 9	20 52	20 40	25 5	11 15	0 11
F 30	23n15	25s36	2s 9	18n35	2s43	21n43	1n32	6s47	0s30	18n21	0n43	5s23	2s 6	19s32	0n11	21n 2	1s27	11n43	17n 8	20s53	20s40	25n 4	11n16	0n11

Julian Day Number = 2353080.5, Delta T = 11.27 sec
Ecliptic obliquity = 23°28'32, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'36, Lahiri = 20°05'37Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1730
geocentric

JULY 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 3	8♋44'27	17♉45	24°R19	1♌ 4	16♎29	10♌35	21♓19	27°R50	13♊41	10♎ 9	26°R32	27♉32	7♋24	28♈55	S 1
S 2	18 38 59	9°41'38	2♒51	24♋ 4	2°17	16°54	10°47	21°19	27♏48	13°43	10°10	26°D32	27°29	7°31	28°57	S 2
M 3	18 42 56	10°38'48	17°40	23°45	3°30	17°20	11° 0	21°R19	27°47	13°45	10°10	26♉33	27°26	7°38	28°58	M 3
T 4	18 46 53	11°35'59	2♓ 8	23°22	4°43	17°45	11°12	21°19	27°45	13°47	10°11	26°34	27°23	7°44	29° 0	T 4
W 5	18 50 49	12°33'09	16°10	22°55	5°55	18°12	11°24	21°19	27°43	13°49	10°11	26°35	27°20	7°51	29° 2	W 5
T 6	18 54 46	13°30'21	29°46	22°25	7° 8	18°38	11°36	21°19	27°42	13°51	10°12	26°36	27°17	7°58	29° 3	T 6
F 7	18 58 42	14°27'32	12♈57	21°51	8°21	19° 5	11°49	21°18	27°41	13°53	10°12	26°R36	27°13	8° 4	29° 5	F 7
S 8	19 2 39	15°24'45	25°45	21°16	9°34	19°32	12° 1	21°18	27°39	13°55	10°13	26°36	27°10	8°11	29° 6	S 8
S 9	19 6 35	16°21'57	8♉15	20°38	10°47	20° 0	12°13	21°17	27°38	13°57	10°13	26°35	27° 7	8°18	29° 8	S 9
M10	19 10 32	17°19'11	20°30	19°59	12° 0	20°28	12°26	21°17	27°36	13°59	10°14	26°34	27° 4	8°24	29° 9	M10
T 11	19 14 28	18°16'25	2♊33	19°20	13°13	20°56	12°38	21°16	27°35	14° 1	10°15	26°33	27° 1	8°31	29°10	T 11
W12	19 18 25	19°13'39	14°27	18°40	14°26	21°24	12°51	21°15	27°34	14° 2	10°15	26°32	26°58	8°38	29°12	W12
T 13	19 22 22	20°10'54	26°17	18° 2	15°38	21°53	13° 3	21°14	27°33	14° 4	10°16	26°31	26°54	8°44	29°13	T 13
F 14	19 26 18	21° 8'10	8♋ 5	17°24	16°51	22°22	13°16	21°13	27°32	14° 6	10°17	26°31	26°51	8°51	29°14	F 14
S 15	19 30 15	22° 5'26	19°52	16°49	18° 4	22°51	13°29	21°12	27°30	14° 8	10°18	26°30	26°48	8°58	29°15	S 15
S 16	19 34 11	23° 2'43	1♌43	16°17	19°17	23°21	13°41	21°11	27°29	14°10	10°19	26°D30	26°45	9° 4	29°16	S 16
M17	19 38 8	23°59'59	13°38	15°48	20°29	23°50	13°54	21° 9	27°28	14°12	10°19	26°30	26°42	9°11	29°17	M17
T 18	19 42 4	24°57'17	25°40	15°22	21°42	24°21	14° 7	21° 8	27°27	14°14	10°20	26°31	26°38	9°18	29°18	T 18
W19	19 46 1	25°54'35	7♍52	15° 1	22°55	24°51	14°20	21° 6	27°26	14°15	10°21	26°31	26°35	9°24	29°19	W19
T 20	19 49 57	26°51'53	20°16	14°45	24° 7	25°22	14°32	21° 5	27°26	14°17	10°22	26°R31	26°32	9°31	29°20	T 20
F 21	19 53 54	27°49'11	2♎56	14°34	25°20	25°52	14°45	21° 3	27°25	14°19	10°23	26°31	26°29	9°38	29°21	F 21
S 22	19 57 51	28°46'30	15°52	14°D29	26°33	26°24	14°58	21° 1	27°24	14°21	10°24	26°31	26°26	9°44	29°21	S 22
S 23	20 1 47	29°43'49	29°10	14°29	27°45	26°55	15°11	20°59	27°23	14°22	10°25	26°D31	26°23	9°51	29°22	S 23
M24	20 5 44	0♌41'09	12♏50	14°35	28°58	27°27	15°24	20°57	27°23	14°24	10°26	26°31	26°19	9°57	29°23	M24
T 25	20 9 40	1°38'30	26°52	14°47	0♍10	27°58	15°37	20°55	27°22	14°26	10°27	26°31	26°16	10° 4	29°23	T 25
W26	20 13 37	2°35'51	11♐18	15° 6	1°23	28°31	15°50	20°53	27°21	14°27	10°29	26°31	26°13	10°11	29°24	W26
T 27	20 17 33	3°33'12	26° 2	15°30	2°35	29° 3	16° 3	20°50	27°21	14°29	10°30	26°32	26°10	10°17	29°24	T 27
F 28	20 21 30	4°30'34	11♑ 0	16° 1	3°48	29°35	16°16	20°48	27°20	14°31	10°31	26°32	26° 7	10°24	29°25	F 28
S 29	20 25 26	5°27'57	26° 5	16°38	5° 0	0♏ 8	16°29	20°45	27°20	14°32	10°32	26°R33	26° 4	10°31	29°25	S 29
S 30	20 29 23	6°25'21	11♒ 7	17°21	6°12	0°41	16°42	20°43	27°19	14°34	10°34	26°32	26° 0	10°37	29°25	S 30
M31	20 33 20	7♌22'45	25♒59	18♋10	7♍25	1♏14	16♌55	20♓40	27♏19	14♊35	10♎35	26♉32	25♉57	10♋44	29♈25	M31

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	23n11	23s 6	0s48	18n22	2s58	21n28	1n33	6s58	0s31	18n18	0n43	5s23	2s 6	19s32	0n11	21n 3	1s27	11n43	17n 8	20s53	20s41	25n 2	11n17	0n11
S 2	23 7	18 59	0n35	18 9	3 13	21 12	1 34	7 9	0 32	18 14	0 43	5 23	2 7	19 32	0 11	21 3	1 27	11 42	17 7	20 53	20 42	25 1	11 17	0 11
M 3	23 3	13 45	1 54	17 58	3 28	20 56	1 34	7 20	0 34	18 11	0 43	5 23	2 7	19 31	0 11	21 3	1 27	11 42	17 7	20 53	20 42	25 0	11 18	0 11
T 4	22 58	7 52	3 5	17 49	3 42	20 39	1 35	7 31	0 35	18 8	0 43	5 24	2 7	19 31	0 11	21 3	1 27	11 41	17 6	20 52	20 43	24 59	11 18	0 11
W 5	22 53	1 45	4 2	17 40	3 55	20 22	1 36	7 42	0 36	18 4	0 43	5 24	2 7	19 31	0 11	21 4	1 27	11 40	17 6	20 52	20 44	24 58	11 19	0 11
T 6	22 47	4n14	4 43	17 33	4 7	20 4	1 36	7 53	0 37	18 1	0 43	5 24	2 8	19 30	0 11	21 4	1 27	11 39	17 5	20 52	20 44	24 56	11 19	0 11
F 7	22 41	9 51	5 8	17 28	4 18	19 45	1 36	8 5	0 38	17 58	0 43	5 25	2 8	19 30	0 11	21 4	1 27	11 39	17 5	20 52	20 45	24 55	11 20	0 11
S 8	22 35	14 53	5 17	17 23	4 27	19 26	1 37	8 16	0 40	17 54	0 43	5 25	2 8	19 30	0 11	21 4	1 27	11 38	17 4	20 52	20 45	24 54	11 20	0 11
S 9	22 28	19 10	5 10	17 21	4 36	19 7	1 37	8 27	0 41	17 51	0 43	5 25	2 8	19 29	0 11	21 4	1 27	11 37	17 3	20 52	20 46	24 53	11 21	0 11
M10	22 21	22 33	4 50	17 19	4 43	18 46	1 37	8 39	0 42	17 47	0 43	5 26	2 9	19 29	0 11	21 5	1 27	11 37	17 3	20 52	20 47	24 51	11 21	0 10
T 11	22 14	24 54	4 17	17 19	4 48	18 26	1 37	8 51	0 43	17 44	0 43	5 27	2 9	19 29	0 11	21 5	1 27	11 36	17 2	20 53	20 47	24 50	11 22	0 10
W12	22 6	26 5	3 33	17 21	4 52	18 5	1 37	9 2	0 44	17 40	0 43	5 27	2 9	19 29	0 10	21 5	1 27	11 35	17 2	20 53	20 48	24 49	11 22	0 10
T 13	21 57	26 5	2 40	17 24	4 54	17 43	1 37	9 14	0 45	17 37	0 43	5 28	2 9	19 28	0 10	21 5	1 27	11 34	17 1	20 53	20 48	24 47	11 22	0 10
F 14	21 49	24 54	1 41	17 28	4 55	17 21	1 37	9 26	0 46	17 33	0 43	5 28	2 10	19 28	0 10	21 5	1 27	11 33	17 1	20 53	20 49	24 46	11 23	0 10
S 15	21 40	22 36	0 37	17 34	4 53	16 58	1 37	9 38	0 47	17 29	0 43	5 29	2 10	19 28	0 10	21 6	1 27	11 33	17 0	20 53	20 50	24 45	11 23	0 10
S 16	21 30	19 20	0s29	17 41	4 50	16 36	1 37	9 50	0 48	17 26	0 43	5 30	2 10	19 28	0 10	21 6	1 27	11 32	17 0	20 53	20 50	24 44	11 23	0 10
M17	21 20	15 16	1 34	17 48	4 46	16 12	1 36	10 2	0 49	17 22	0 43	5 31	2 10	19 27	0 10	21 6	1 27	11 31	16 59	20 53	20 51	24 42	11 24	0 10
T 18	21 10	10 33	2 35	17 57	4 40	15 48	1 36	10 14	0 50	17 18	0 43	5 31	2 11	19 27	0 10	21 6	1 27	11 30	16 59	20 53	20 52	24 41	11 24	0 10
W19	21 0	5 23	3 30	18 7	4 32	15 24	1 35	10 26	0 51	17 15	0 43	5 32	2 11	19 27	0 10	21 6	1 27	11 29	16 58	20 53	20 52	24 40	11 24	0 10
T 20	20 49	0s 4	4 16	18 18	4 24	14 59	1 35	10 38	0 52	17 11	0 43	5 33	2 11	19 27	0 10	21 7	1 27	11 29	16 58	20 53	20 53	24 38	11 24	0 10
F 21	20 38	5 37	4 51	18 29	4 13	14 34	1 34	10 50	0 53	17 7	0 43	5 34	2 11	19 27	0 10	21 7	1 27	11 28	16 57	20 53	20 53	24 37	11 24	0 10
S 22	20 26	11 3	5 12	18 40	4 2	14 9	1 33	11 3	0 54	17 4	0 43	5 35	2 12	19 26	0 10	21 7	1 27	11 27	16 57	20 53	20 54	24 36	11 25	0 10
S 23	20 14	16 8	5 17	18 52	3 50	13 43	1 33	11 15	0 55	17 0	0 43	5 36	2 12	19 26	0 10	21 7	1 27	11 26	16 56	20 53	20 55	24 34	11 25	0 10
M24	20 2	20 33	5 5	19 5	3 37	13 17	1 32	11 27	0 56	16 56	0 43	5 37	2 12	19 26	0 10	21 7	1 27	11 25	16 55	20 53	20 55	24 33	11 25	0 9
T 25	19 49	23 56	4 34	19 17	3 23	12 51	1 31	11 39	0 57	16 52	0 43	5 38	2 12	19 26	0 10	21 7	1 27	11 24	16 55	20 53	20 56	24 32	11 25	0 9
W26	19 37	25 54	3 46	19 29	3 9	12 24	1 30	11 52	0 58	16 48	0 44	5 39	2 13	19 26	0 10	21 8	1 27	11 23	16 54	20 53	20 56	24 30	11 25	0 9
T 27	19 23	26 6	2 42	19 41	2 54	11 57	1 29	12 4	0 59	16 45	0 44	5 40	2 13	19 26	0 10	21 8	1 27	11 22	16 54	20 53	20 57	24 29	11 25	0 9
F 28	19 10	24 26	1 25	19 53	2 39	11 29	1 27	12 17	1 0	16 41	0 44	5 41	2 13	19 26	0 10	21 8	1 27	11 21	16 54	20 53	20 58	24 28	11 25	0 9
S 29	18 56	21 0	0 3	20 4	2 24	11 2	1 26	12 29	1 1	16 37	0 44	5 43	2 13	19 26	0 10	21 8	1 27	11 21	16 53	20 53	20 58	24 26	11 25	0 9
S 30	18 42	16 11	1n20	20 14	2 8	10 34	1 25	12 41	1 1	16 33	0 44	5 44	2 14	19 26	0 10	21 8	1 27	11 20	16 53	20 53	20 59	24 25	11 25	0 9
M31	18n27	10s26	2n36	20n23	1s52	10n 5	1n23	12s54	1s 2	16n29	0n44	5s45	2s14	19s26	0n10	21n 8	1s27	11n19	16n52	20s53	20s59	24n23	11n25	0n 9

Julian Day Number = 2353110.5, Delta T = 11.28 sec
Ecliptic obliquity = 23°28'31, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'41, Lahiri = 20°05'41Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1730
geocentric

AUGUST 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 16	8♌20'11	10♓33	19♋ 6	8♍37	1♏48	17♌ 8	20°R38	27°R19	14♊37	10♑36	26°R30	25♑54	10♋51	29♈25	T 1
W 2	20 41 13	9°17'38	24°42	20° 7	9°49	2°21	17°21	20♓35	27♏19	14°38	10°37	26♑29	25°51	10°57	29°26	W 2
T 3	20 45 9	10°15'05	8♈26	21°14	11° 1	2°55	17°34	20°32	27°18	14°40	10°39	26°27	25°48	11° 4	29°R26	T 3
F 4	20 49 6	11°12'35	21°43	22°27	12°13	3°29	17°47	20°29	27°18	14°41	10°40	26°26	25°44	11°11	29°26	F 4
S 5	20 53 2	12°10'05	4♉35	23°45	13°26	4° 4	18° 0	20°26	27°18	14°42	10°42	26°25	25°41	11°17	29°26	S 5
S 6	20 56 59	13° 7'37	17° 5	25° 8	14°38	4°38	18°13	20°23	27°D18	14°44	10°43	26°D25	25°38	11°24	29°25	S 6
M 7	21 0 55	14° 5'11	29°18	26°36	15°50	5°13	18°26	20°20	27°18	14°45	10°45	26°26	25°35	11°31	29°25	M 7
T 8	21 4 52	15° 2'45	11♊18	28° 9	17° 2	5°47	18°39	20°16	27°18	14°46	10°46	26°27	25°32	11°37	29°25	T 8
W 9	21 8 49	16° 0'22	23°10	29°46	18°14	6°22	18°52	20°13	27°18	14°48	10°48	26°28	25°29	11°44	29°25	W 9
T 10	21 12 45	16°57'59	4♋58	1♌27	19°26	6°58	19° 5	20°10	27°19	14°49	10°49	26°30	25°25	11°51	29°24	T 10
F 11	21 16 42	17°55'39	16°45	3°12	20°38	7°33	19°19	20° 6	27°19	14°50	10°51	26°31	25°22	11°57	29°24	F 11
S 12	21 20 38	18°53'19	28°36	5° 0	21°50	8° 9	19°32	20° 3	27°19	14°51	10°52	26°R31	25°19	12° 4	29°23	S 12
S 13	21 24 35	19°51'01	10♌33	6°51	23° 2	8°44	19°45	19°59	27°19	14°53	10°54	26°31	25°16	12°10	29°23	S 13
M14	21 28 31	20°48'44	22°38	8°45	24°14	9°20	19°58	19°55	27°20	14°54	10°56	26°29	25°13	12°17	29°22	M14
T 15	21 32 28	21°46'29	4♍54	10°40	25°25	9°56	20°11	19°51	27°20	14°55	10°57	26°26	25°10	12°24	29°22	T 15
W16	21 36 24	22°44'14	17°20	12°38	26°37	10°33	20°24	19°48	27°21	14°56	10°59	26°22	25° 6	12°30	29°21	W16
T 17	21 40 21	23°42'01	29°59	14°36	27°49	11° 9	20°37	19°44	27°21	14°57	11° 1	26°17	25° 3	12°37	29°20	T 17
F 18	21 44 18	24°39'50	12♎53	16°35	29° 1	11°46	20°50	19°40	27°22	14°58	11° 3	26°13	25° 0	12°44	29°20	F 18
S 19	21 48 14	25°37'39	26° 0	18°35	0♎12	12°23	21° 4	19°36	27°23	14°59	11° 4	26° 9	24°57	12°50	29°19	S 19
S 20	21 52 11	26°35'30	9♏22	20°35	1°24	13° 0	21°17	19°32	27°23	15° 0	11° 6	26° 7	24°54	12°57	29°18	S 20
M21	21 56 7	27°33'22	23° 0	22°36	2°35	13°37	21°30	19°28	27°24	15° 1	11° 8	26°D 6	24°50	13° 4	29°17	M21
T 22	22 0 4	28°31'15	6♐54	24°36	3°47	14°14	21°43	19°24	27°25	15° 2	11°10	26° 6	24°47	13°10	29°16	T 22
W23	22 4 0	29°29'10	21° 5	26°35	4°58	14°52	21°56	19°19	27°26	15° 3	11°12	26° 7	24°44	13°17	29°15	W23
T 24	22 7 57	0♏27'05	5♑30	28°34	6°10	15°29	22° 9	19°15	27°26	15° 4	11°14	26° 9	24°41	13°24	29°14	T 24
F 25	22 11 53	1°25'02	20° 6	0♏32	7°21	16° 7	22°22	19°11	27°27	15° 4	11°16	26°R10	24°38	13°30	29°12	F 25
S 26	22 15 50	2°23'01	4♒50	2°29	8°33	16°45	22°35	19° 7	27°28	15° 5	11°18	26° 9	24°35	13°37	29°11	S 26
S 27	22 19 47	3°21'01	19°36	4°26	9°44	17°23	22°48	19° 2	27°30	15° 6	11°19	26° 8	24°31	13°44	29°10	S 27
M28	22 23 43	4°19'02	4♓15	6°21	10°55	18° 1	23° 1	18°58	27°31	15° 7	11°21	26° 4	24°28	13°50	29° 9	M28
T 29	22 27 40	5°17'05	18°42	8°15	12° 6	18°40	23°14	18°54	27°32	15° 7	11°23	25°59	24°25	13°57	29° 7	T 29
W30	22 31 36	6°15'10	2♈50	10° 8	13°17	19°18	23°27	18°49	27°33	15° 8	11°25	25°53	24°22	14° 4	29° 6	W30
T 31	22 35 33	7♍13'16	16♈35	12♍ 0	14♑28	19♏57	23♌40	18♓45	27♏34	15♊ 9	11♑27	25♑46	24♑19	14♋10	29♈ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n12	4s13	3n41	20n31	1s36	9n37	1n22	13s 6	1s 3	16n25	0n44	5s46	2s14	19s25	0n10	21n 8	1s27	11n18	16n52	20s53	21s 0	24n22	11n25	0n 9
W 2	17 57	2n 1	4 29	20 38	1 21	9 8	1 20	13 18	1 4	16 21	0 44	5 48	2 14	19 25	0 10	21 9	1 27	11 17	16 51	20 53	21 1	24 21	11 25	0 9
T 3	17 42	7 58	5 1	20 43	1 5	8 39	1 19	13 31	1 5	16 17	0 44	5 49	2 14	19 25	0 10	21 9	1 27	11 16	16 51	20 54	21 1	24 19	11 25	0 9
F 4	17 26	13 21	5 16	20 47	0 50	8 10	1 17	13 43	1 5	16 13	0 44	5 50	2 15	19 25	0 10	21 9	1 27	11 15	16 50	20 54	21 2	24 18	11 25	0 9
S 5	17 10	17 59	5 13	20 48	0 36	7 41	1 15	13 56	1 6	16 9	0 44	5 52	2 15	19 25	0 10	21 9	1 27	11 14	16 50	20 54	21 2	24 16	11 25	0 9
S 6	16 54	21 42	4 56	20 47	0 21	7 11	1 13	14 8	1 7	16 5	0 44	5 53	2 15	19 25	0 10	21 9	1 27	11 13	16 49	20 54	21 3	24 15	11 25	0 8
M 7	16 38	24 22	4 26	20 45	0 8	6 41	1 11	14 20	1 8	16 1	0 44	5 55	2 15	19 25	0 10	21 9	1 28	11 12	16 49	20 54	21 3	24 14	11 25	0 8
T 8	16 21	25 53	3 45	20 39	0n 6	6 12	1 9	14 33	1 8	15 57	0 44	5 56	2 15	19 25	0 10	21 9	1 28	11 11	16 48	20 54	21 4	24 12	11 25	0 8
W 9	16 4	26 12	2 54	20 32	0 18	5 41	1 7	14 45	1 9	15 53	0 44	5 58	2 16	19 26	0 10	21 9	1 28	11 10	16 48	20 53	21 5	24 11	11 25	0 8
T 10	15 46	25 19	1 56	20 21	0 30	5 11	1 5	14 57	1 10	15 49	0 44	5 59	2 16	19 26	0 10	21 9	1 28	11 9	16 48	20 53	21 5	24 9	11 24	0 8
F 11	15 29	23 19	0 54	20 8	0 41	4 41	1 3	15 10	1 10	15 45	0 44	6 1	2 16	19 26	0 10	21 10	1 28	11 8	16 47	20 53	21 6	24 8	11 24	0 8
S 12	15 11	20 17	0s11	19 52	0 51	4 10	1 1	15 22	1 11	15 41	0 44	6 2	2 16	19 26	0 10	21 10	1 28	11 7	16 47	20 53	21 6	24 6	11 24	0 8
S 13	14 53	16 23	1 17	19 34	1 1	3 40	0 58	15 34	1 12	15 37	0 45	6 4	2 16	19 26	0 10	21 10	1 28	11 6	16 46	20 53	21 7	24 5	11 24	0 8
M14	14 35	11 48	2 19	19 13	1 9	3 9	0 56	15 46	1 12	15 33	0 45	6 5	2 17	19 26	0 10	21 10	1 28	11 5	16 46	20 53	21 8	24 3	11 23	0 8
T 15	14 16	6 42	3 16	18 49	1 17	2 38	0 53	15 58	1 13	15 29	0 45	6 7	2 17	19 26	0 10	21 10	1 28	11 4	16 45	20 54	21 8	24 2	11 23	0 8
W16	13 57	1 16	4 4	18 23	1 23	2 7	0 51	16 10	1 14	15 25	0 45	6 9	2 17	19 26	0 10	21 10	1 28	11 3	16 45	20 55	21 9	24 0	11 23	0 8
T 17	13 38	4s18	4 41	17 54	1 29	1 36	0 48	16 22	1 14	15 21	0 45	6 10	2 17	19 26	0 10	21 10	1 28	11 2	16 45	20 56	21 9	23 59	11 22	0 8
F 18	13 19	9 46	5 5	17 23	1 34	1 5	0 45	16 34	1 15	15 17	0 45	6 12	2 17	19 26	0 10	21 10	1 28	11 1	16 44	20 56	21 10	23 57	11 22	0 8
S 19	13 0	14 55	5 13	16 50	1 38	0 34	0 43	16 46	1 15	15 13	0 45	6 14	2 17	19 27	0 10	21 10	1 28	11 0	16 44	20 57	21 10	23 56	11 22	0 7
S 20	12 40	19 27	5 5	16 15	1 41	0 3	0 40	16 58	1 16	15 8	0 45	6 16	2 18	19 27	0 10	21 10	1 28	10 59	16 44	20 57	21 11	23 54	11 21	0 7
M21	12 20	23 3	4 39	15 38	1 44	0s28	0 37	17 10	1 17	15 4	0 45	6 17	2 18	19 27	0 10	21 10	1 28	10 58	16 43	20 58	21 12	23 53	11 21	0 7
T 22	12 0	25 24	3 57	15 0	1 45	0 59	0 34	17 22	1 17	15 0	0 45	6 19	2 18	19 27	0 10	21 10	1 28	10 57	16 43	20 58	21 12	23 51	11 20	0 7
W23	11 40	26 10	3 0	14 20	1 46	1 30	0 31	17 33	1 18	14 56	0 45	6 21	2 18	19 27	0 10	21 11	1 28	10 56	16 42	20 57	21 13	23 50	11 20	0 7
T 24	11 20	25 12	1 51	13 39	1 46	2 1	0 28	17 45	1 18	14 52	0 45	6 23	2 18	19 28	0 10	21 11	1 28	10 55	16 42	20 57	21 13	23 48	11 20	0 7
F 25	10 59	22 31	0 33	12 57	1 46	2 32	0 25	17 56	1 19	14 48	0 45	6 24	2 18	19 28	0 10	21 11	1 28	10 54	16 42	20 57	21 14	23 47	11 19	0 7
S 26	10 38	18 19	0n47	12 14	1 45	3 3	0 22	18 8	1 19	14 43	0 46	6 26	2 18	19 28	0 10	21 11	1 28	10 53	16 41	20 57	21 14	23 45	11 19	0 7
S 27	10 18	13 0	2 4	11 30	1 43	3 34	0 19	18 19	1 20	14 39	0 46	6 28	2 19	19 28	0 10	21 11	1 28	10 52	16 41	20 57	21 15	23 44	11 18	0 7
M28	9 56	6 59	3 12	10 45	1 41	4 5	0 16	18 31	1 20	14 35	0 46	6 30	2 19	19 29	0 10	21 11	1 28	10 51	16 41	20 58	21 16	23 42	11 17	0 7
T 29	9 35	0 41	4 7	10 0	1 38	4 36	0 12	18 42	1 21	14 31	0 46	6 32	2 19	19 29	0 10	21 11	1 28	10 50	16 41	20 59	21 16	23 41	11 17	0 7
W30	9 14	5n29	4 45	9 14	1 34	5 7	0 9	18 53	1 21	14 27	0 46	6 34	2 19	19 29	0 10	21 11	1 28	10 49	16 40	21 0	21 17	23 39	11 16	0 7
T 31	8n52	11n14	5n 6	8n28	1n31	5s38	0n 6	19s 4	1s22	14n23	0n46	6s35	2s19	19s30	0n10	21n11	1s28	10n47	16n40	21s 1	21s17	23n37	11n16	0n 7

Julian Day Number = 2353141.5, Delta T = 11.29 sec
Ecliptic obliquity = 23°28'32, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'45, Lahiri = 20°05'45Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1730
geocentric

SEPTEMBER 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 39 29	8♍11'24	29♈54	13♍51	15♎39	20♏35	23♌53	18°R40	27♏35	15♊ 9	11♎30	25°R40	24♑16	14♋17	29°R 3	F 1
S 2	22 43 26	9° 9'35	12♉49	15°40	16°50	21°14	24° 6	18♓36	27°37	15°10	11°32	25♑35	24°12	14°23	29♈ 1	S 2
S 3	22 47 22	10° 7'47	25°22	17°29	18° 1	21°53	24°19	18°31	27°38	15°10	11°34	25°32	24° 9	14°30	28°59	S 3
M 4	22 51 19	11° 6'02	7♊36	19°16	19°12	22°33	24°31	18°27	27°40	15°11	11°36	25°D31	24° 6	14°37	28°58	M 4
T 5	22 55 16	12° 4'19	19°36	21° 2	20°23	23°12	24°44	18°22	27°41	15°11	11°38	25°31	24° 3	14°43	28°56	T 5
W 6	22 59 12	13° 2'37	1♋27	22°47	21°34	23°52	24°57	18°17	27°43	15°12	11°40	25°33	24° 0	14°50	28°54	W 6
T 7	23 3 9	14° 0'58	13°15	24°31	22°44	24°31	25°10	18°13	27°44	15°12	11°42	25°34	23°56	14°57	28°52	T 7
F 8	23 7 5	14°59'21	25° 4	26°13	23°55	25°11	25°22	18° 8	27°46	15°13	11°44	25°R35	23°53	15° 3	28°51	F 8
S 9	23 11 2	15°57'46	6♌59	27°55	25° 6	25°51	25°35	18° 4	27°48	15°13	11°46	25°34	23°50	15°10	28°49	S 9
S 10	23 14 58	16°56'12	19° 3	29°35	26°16	26°31	25°48	17°59	27°49	15°13	11°49	25°31	23°47	15°17	28°47	S 10
M11	23 18 55	17°54'41	1♍20	1♎14	27°27	27°11	26° 0	17°54	27°51	15°13	11°51	25°26	23°44	15°23	28°45	M11
T 12	23 22 51	18°53'12	13°51	2°52	28°37	27°51	26°13	17°50	27°53	15°14	11°53	25°19	23°41	15°30	28°43	T 12
W13	23 26 48	19°51'44	26°37	4°30	29°47	28°32	26°26	17°45	27°55	15°14	11°55	25°10	23°37	15°37	28°41	W13
T 14	23 30 44	20°50'19	9♎38	6° 6	0♏58	29°12	26°38	17°40	27°57	15°14	11°58	25° 0	23°34	15°43	28°38	T 14
F 15	23 34 41	21°48'55	22°52	7°41	2° 8	29°53	26°51	17°36	27°59	15°14	12° 0	24°50	23°31	15°50	28°36	F 15
S 16	23 38 38	22°47'34	6♏18	9°15	3°18	0♐34	27° 3	17°31	28° 1	15°14	12° 2	24°41	23°28	15°56	28°34	S 16
S 17	23 42 34	23°46'14	19°56	10°48	4°28	1°14	27°15	17°27	28° 3	15°14	12° 4	24°35	23°25	16° 3	28°32	S 17
M18	23 46 31	24°44'55	3♐42	12°20	5°38	1°55	27°28	17°22	28° 5	15°R14	12° 7	24°31	23°21	16°10	28°29	M18
T 19	23 50 27	25°43'39	17°37	13°51	6°48	2°37	27°40	17°17	28° 7	15°14	12° 9	24°29	23°18	16°16	28°27	T 19
W20	23 54 24	26°42'24	1♑40	15°21	7°58	3°18	27°52	17°13	28° 9	15°14	12°11	24°D29	23°15	16°23	28°25	W20
T 21	23 58 20	27°41'11	15°50	16°50	9° 8	3°59	28° 5	17° 8	28°11	15°14	12°14	24°29	23°12	16°30	28°22	T 21
F 22	0 2 17	28°39'59	0♒ 6	18°18	10°17	4°41	28°17	17° 4	28°14	15°14	12°16	24°R29	23° 9	16°36	28°20	F 22
S 23	0 6 14	29°38'50	14°25	19°45	11°27	5°22	28°29	16°59	28°16	15°14	12°18	24°28	23° 6	16°43	28°18	S 23
S 24	0 10 10	0♎37'42	28°46	21°11	12°37	6° 4	28°41	16°55	28°18	15°14	12°20	24°24	23° 2	16°50	28°15	S 24
M25	0 14 7	1°36'35	13♓ 2	22°36	13°46	6°46	28°53	16°51	28°21	15°14	12°23	24°17	22°59	16°56	28°13	M25
T 26	0 18 3	2°35'31	27° 9	24° 0	14°55	7°28	29° 5	16°46	28°23	15°13	12°25	24° 8	22°56	17° 3	28°10	T 26
W27	0 22 0	3°34'28	11♈ 3	25°23	16° 5	8°10	29°17	16°42	28°26	15°13	12°27	23°57	22°53	17°10	28° 7	W27
T 28	0 25 56	4°33'28	24°38	26°44	17°14	8°52	29°29	16°38	28°28	15°13	12°30	23°45	22°50	17°16	28° 5	T 28
F 29	0 29 53	5°32'30	7♉53	28° 5	18°23	9°34	29°40	16°33	28°31	15°12	12°32	23°34	22°47	17°23	28° 2	F 29
S 30	0 33 49	6♎31'34	20♉45	29♎24	19♏32	10♐16	29♌52	16♓29	28♏33	15♊12	12♎35	23♑25	22♑43	17♋30	27♈59	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	
F 1	8n31	16n16	5n 9	7n42	1n27	6s 8	0n 2	19s15	1s22	14n18	0n46	6s37	2s19	19s30	0n10	21n11	1s29	10n46	16n40	21s 2	21s18	23n36	11n15	0n 6	
S 2	8 9	20 24	4 56	6 55	1 22	6 39	0s 1	19 25	1 23	14 14	0 46	6 39	2 19	19 30	0 10	21 11	1 29	10 45	16 39	21 3	21 18	23 34	11 14	0 6	
S 3	7 47	23 29	4 29	6 8	1 17	7 9	0 5	19 36	1 23	14 10	0 46	6 41	2 19	19 30	0 10	21 11	1 29	10 44	16 39	21 4	21 19	23 33	11 14	0 6	
M 4	7 25	25 24	3 50	5 22	1 12	7 39	0 8	19 47	1 23	14 6	0 46	6 43	2 19	19 31	0 10	21 11	1 29	10 43	16 39	21 4	21 19	23 31	11 13	0 6	
T 5	7 3	26 6	3 2	4 35	1 7	8 10	0 12	19 57	1 24	14 2	0 47	6 45	2 19	19 31	0 9	21 11	1 29	10 42	16 39	21 4	21 20	23 29	11 12	0 6	
W 6	6 40	25 35	2 7	3 48	1 1	8 39	0 16	20 7	1 24	13 57	0 47	6 47	2 20	19 32	0 9	21 11	1 29	10 41	16 38	21 4	21 21	23 28	11 12	0 6	
T 7	6 18	23 55	1 6	3 1	0 55	9 9	0 19	20 18	1 25	13 53	0 47	6 48	2 20	19 32	0 9	21 11	1 29	10 40	16 38	21 4	21 21	23 26	11 11	0 6	
F 8	5 55	21 12	0 3	2 15	0 49	9 39	0 23	20 28	1 25	13 49	0 47	6 50	2 20	19 32	0 9	21 11	1 29	10 39	16 38	21 4	21 22	23 25	11 10	0 6	
S 9	5 33	17 34	1s 1	1 29	0 42	10 8	0 26	20 38	1 25	13 45	0 47	6 52	2 20	19 33	0 9	21 11	1 29	10 38	16 38	21 4	21 22	23 23	11 10	0 6	
S 10	5 10	13 11	2 3	0 43	0 35	10 37	0 30	20 48	1 26	13 41	0 47	6 54	2 20	19 33	0 9	21 11	1 29	10 37	16 37	21 4	21 23	23 21	11 9	0 6	
M11	4 47	8 13	3 0	0s 3	0 29	11 6	0 34	20 57	1 26	13 36	0 47	6 56	2 20	19 34	0 9	21 11	1 29	10 36	16 37	21 5	21 23	23 20	11 8	0 6	
T 12	4 24	2 50	3 50	0 49	0 22	11 35	0 38	21 7	1 26	13 32	0 47	6 58	2 20	19 34	0 9	21 11	1 29	10 35	16 37	21 6	21 24	23 18	11 7	0 6	
W13	4 1	2s45	4 28	1 34	0 15	12 4	0 41	21 16	1 27	13 28	0 47	7 0	2 20	19 34	0 9	21 11	1 29	10 34	16 37	21 8	21 24	23 17	11 6	0 5	
T 14	3 38	8 19	4 54	2 18	0 8	12 32	0 45	21 25	1 27	13 24	0 48	7 1	2 20	19 35	0 9	21 11	1 29	10 33	16 37	21 10	21 25	23 15	11 5	0 5	
F 15	3 15	13 37	5 5	3 3	0 0	13 0	0 49	21 35	1 27	13 20	0 48	7 3	2 20	19 35	0 9	21 11	1 29	10 32	16 36	21 12	21 25	23 13	11 5	0 5	
S 16	2 52	18 20	4 59	3 47	0s 7	13 28	0 53	21 44	1 28	13 16	0 48	7 5	2 20	19 36	0 9	21 11	1 29	10 31	16 36	21 13	21 26	23 12	11 4	0 5	
S 17	2 29	22 10	4 36	4 30	0 14	13 55	0 57	21 52	1 28	13 11	0 48	7 7	2 20	19 36	0 9	21 11	1 29	10 30	16 36	21 14	21 27	23 10	11 3	0 5	
M18	2 5	24 48	3 57	5 13	0 22	14 22	1 1	22 1	1 28	13 7	0 48	7 9	2 20	19 37	0 9	21 11	1 29	10 29	16 36	21 15	21 27	23 8	11 2	0 5	
T 19	1 42	25 57	3 4	5 55	0 29	14 49	1 4	22 9	1 28	13 3	0 48	7 11	2 20	19 37	0 9	21 11	1 29	10 28	16 36	21 15	21 28	23 7	11 1	0 5	
W20	1 19	25 27	1 59	6 37	0 37	15 16	1 8	22 18	1 29	12 59	0 48	7 12	2 20	19 38	0 9	21 11	1 29	10 27	16 36	21 15	21 28	23 5	11 0	0 5	
T 21	0 55	23 18	0 46	7 19	0 44	15 42	1 12	22 26	1 29	12 55	0 48	7 14	2 20	19 38	0 9	21 11	1 29	10 26	16 36	21 15	21 29	23 3	10 59	0 5	
F 22	0 32	19 40	0n30	7 59	0 52	16 8	1 16	22 34	1 29	12 51	0 48	7 16	2 20	19 39	0 9	21 10	1 29	10 25	16 35	21 15	21 29	23 1	10 58	0 5	
S 23	0 8	14 52	1 44	8 39	1 0	16 33	1 20	22 42	1 29	12 47	0 49	7 18	2 20	19 39	0 9	21 10	1 29	10 24	16 35	21 16	21 30	23 0	10 57	0 5	
S 24	0s15	9 14	2 52	9 19	1 7	16 58	1 24	22 49	1 30	12 43	0 49	7 19	2 20	19 40	0 9	21 10	1 30	10 23	16 35	21 16	21 30	22 58	10 56	0 5	
M25	0 38	3 10	3 48	9 57	1 14	17 23	1 27	22 57	1 30	12 39	0 49	7 21	2 20	19 40	0 9	21 10	1 30	10 22	16 35	21 17	21 31	22 56	10 55	0 4	
T 26	1 2	3n 0	4 30	10 36	1 22	17 47	1 31	23 4	1 30	12 35	0 49	7 23	2 20	19 41	0 9	21 10	1 30	10 21	16 35	21 19	21 31	22 55	10 54	0 4	
W27	1 25	8 54	4 55	11 13	1 29	18 11	1 35	23 11	1 30	12 31	0 49	7 24	2 20	19 41	0 9	21 10	1 30	10 20	16 35	21 21	21 32	22 53	10 53	0 4	
T 28	1 49	14 14	5 2	11 49	1 36	18 35	1 39	23 18	1 30	12 27	0 49	7 26	2 20	19 42	0 9	21 10	1 30	10 19	16 35	21 23	21 32	22 51	10 52	0 4	
F 29	2 12	18 46	4 53	12 25	1 44	18 58	1 43	23 25	1 30	12 23	0 49	7 28	2 20	19 43	0 9	21 10	1 30	10 18	16 35	21 25	21 33	22 49	10 51	0 4	
S 30	2s36	22n17	4n29	13s 0	1s51	19s21	1s46	23s31	1s31	12n19	0n50	7s29	2s20	19s43	0n 9	21n10	1s30	10n17	16n35	21s26	21s33	22n48	10n50	0n 4	

Julian Day Number = 2353172.5, Delta T = 11.31 sec
Ecliptic obliquity = 23°28'32, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'49, Lahiri = 20°05'50Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1730
geocentric

OCTOBER 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 37 46	7♎30'41	3♊17	0♏42	20♏41	10♐59	0♍ 4	16°R25	28♏36	15°R12	12♎37	23°R18	22♋40	17♋36	27°R57	S 1
M 2	0 41 42	8°29'49	15°31	1°59	21°49	11°41	0°15	16♓21	28°39	15♊11	12°39	23♋13	22°37	17°43	27♈54	M 2
T 3	0 45 39	9°29'00	27°32	3°14	22°58	12°24	0°27	16°17	28°41	15°11	12°42	23°11	22°34	17°49	27°51	T 3
W 4	0 49 36	10°28'14	9♋23	4°28	24° 7	13° 6	0°38	16°13	28°44	15°10	12°44	23°D10	22°31	17°56	27°49	W 4
T 5	0 53 32	11°27'29	21°11	5°40	25°15	13°49	0°50	16° 9	28°47	15°10	12°46	23°R10	22°27	18° 3	27°46	T 5
F 6	0 57 29	12°26'47	3♌ 1	6°51	26°23	14°32	1° 1	16° 5	28°50	15° 9	12°49	23°10	22°24	18° 9	27°43	F 6
S 7	1 1 25	13°26'08	14°58	8° 0	27°32	15°15	1°12	16° 1	28°52	15° 9	12°51	23° 8	22°21	18°16	27°40	S 7
S 8	1 5 22	14°25'30	27° 8	9° 6	28°40	15°58	1°23	15°57	28°55	15° 8	12°54	23° 4	22°18	18°23	27°37	S 8
M 9	1 9 18	15°24'55	9♍33	10°11	29°48	16°41	1°35	15°53	28°58	15° 7	12°56	22°58	22°15	18°29	27°34	M 9
T 10	1 13 15	16°24'22	22°17	11°13	0♐56	17°25	1°46	15°50	29° 1	15° 7	12°58	22°48	22°12	18°36	27°32	T 10
W11	1 17 11	17°23'51	5♎21	12°13	2° 3	18° 8	1°56	15°46	29° 4	15° 6	13° 1	22°36	22° 8	18°43	27°29	W11
T 12	1 21 8	18°23'22	18°44	13°10	3°11	18°51	2° 7	15°43	29° 7	15° 5	13° 3	22°24	22° 5	18°49	27°26	T 12
F 13	1 25 5	19°22'55	2♏23	14° 4	4°19	19°35	2°18	15°39	29°10	15° 4	13° 5	22°11	22° 2	18°56	27°23	F 13
S 14	1 29 1	20°22'30	16°15	14°54	5°26	20°19	2°29	15°36	29°13	15° 4	13° 8	21°59	21°59	19° 3	27°20	S 14
S 15	1 32 58	21°22'08	0♐17	15°41	6°33	21° 2	2°39	15°33	29°16	15° 3	13°10	21°50	21°56	19° 9	27°17	S 15
M16	1 36 54	22°21'47	14°23	16°24	7°40	21°46	2°50	15°29	29°19	15° 2	13°12	21°44	21°53	19°16	27°14	M16
T 17	1 40 51	23°21'28	28°31	17° 2	8°47	22°30	3° 0	15°26	29°22	15° 1	13°15	21°41	21°49	19°22	27°11	T 17
W18	1 44 47	24°21'10	12♑39	17°35	9°54	23°14	3°11	15°23	29°26	15° 0	13°17	21°39	21°46	19°29	27° 8	W18
T 19	1 48 44	25°20'54	26°46	18° 2	11° 1	23°58	3°21	15°20	29°29	14°59	13°19	21°39	21°43	19°36	27° 5	T 19
F 20	1 52 40	26°20'40	10♒49	18°24	12° 7	24°42	3°31	15°17	29°32	14°58	13°22	21°39	21°40	19°42	27° 2	F 20
S 21	1 56 37	27°20'28	24°49	18°39	13°13	25°26	3°41	15°14	29°35	14°57	13°24	21°37	21°37	19°49	26°59	S 21
S 22	2 0 34	28°20'17	8♓45	18°R47	14°19	26°11	3°51	15°12	29°39	14°56	13°26	21°32	21°33	19°56	26°56	S 22
M23	2 4 30	29°20'08	22°35	18°46	15°25	26°55	4° 1	15° 9	29°42	14°55	13°29	21°25	21°30	20° 2	26°54	M23
T 24	2 8 27	0♏20'00	6♈17	18°38	16°31	27°39	4°11	15° 6	29°45	14°54	13°31	21°15	21°27	20° 9	26°51	T 24
W25	2 12 23	1°19'55	19°47	18°21	17°36	28°24	4°21	15° 4	29°49	14°53	13°33	21° 2	21°24	20°16	26°48	W25
T 26	2 16 20	2°19'51	3♉ 3	17°54	18°42	29° 8	4°30	15° 1	29°52	14°52	13°36	20°49	21°21	20°22	26°45	T 26
F 27	2 20 16	3°19'49	16° 3	17°19	19°47	29°53	4°40	14°59	29°55	14°51	13°38	20°37	21°18	20°29	26°42	F 27
S 28	2 24 13	4°19'49	28°46	16°33	20°51	0♑38	4°49	14°57	29°59	14°49	13°40	20°26	21°14	20°36	26°39	S 28
S 29	2 28 9	5°19'52	11♊12	15°39	21°56	1°23	4°58	14°55	0♐ 2	14°48	13°42	20°17	21°11	20°42	26°36	S 29
M30	2 32 6	6°19'56	23°23	14°37	23° 0	2° 7	5° 7	14°53	0° 6	14°47	13°45	20°12	21° 8	20°49	26°33	M30
T 31	2 36 3	7♏20'03	5♋22	13♏28	24♐ 4	2♑52	5♍16	14♓51	0♐ 9	14♊46	13♎47	20♑ 9	21♑ 5	20♋55	26♈30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s59	24n39	3n52	13s34	1s57	19s43	1s50	23s37	1s31	12n15	0n50	7s31	2s20	19s44	0n 9	21n10	1s30	10n16	16n35	21s28	21s34	22n46	10n49	0n 4
M 2	3 22	25 46	3 6	14 7	2 4	20 5	1 54	23 43	1 31	12 11	0 50	7 32	2 20	19 44	0 9	21 10	1 30	10 16	16 35	21 28	21 35	22 44	10 48	0 4
T 3	3 46	25 39	2 12	14 40	2 11	20 26	1 57	23 49	1 31	12 7	0 50	7 34	2 20	19 45	0 9	21 10	1 30	10 15	16 35	21 29	21 35	22 43	10 47	0 4
W 4	4 9	24 21	1 13	15 11	2 17	20 47	2 1	23 55	1 31	12 3	0 50	7 35	2 20	19 46	0 9	21 10	1 30	10 14	16 35	21 29	21 36	22 41	10 46	0 4
T 5	4 32	21 59	0 11	15 41	2 23	21 7	2 5	24 0	1 31	11 59	0 50	7 37	2 20	19 46	0 9	21 9	1 30	10 13	16 35	21 29	21 36	22 39	10 45	0 4
F 6	4 56	18 40	0s52	16 10	2 29	21 27	2 8	24 5	1 31	11 55	0 50	7 38	2 20	19 47	0 9	21 9	1 30	10 12	16 35	21 29	21 37	22 37	10 44	0 4
S 7	5 19	14 34	1 53	16 38	2 35	21 46	2 12	24 10	1 31	11 51	0 51	7 40	2 19	19 48	0 9	21 9	1 30	10 11	16 35	21 29	21 37	22 35	10 43	0 3
S 8	5 42	9 50	2 50	17 5	2 40	22 5	2 15	24 15	1 31	11 47	0 51	7 41	2 19	19 48	0 9	21 9	1 30	10 10	16 35	21 30	21 38	22 34	10 42	0 3
M 9	6 5	4 37	3 39	17 30	2 45	22 23	2 18	24 20	1 32	11 43	0 51	7 43	2 19	19 49	0 9	21 9	1 30	10 9	16 35	21 31	21 38	22 32	10 41	0 3
T 10	6 28	0s54	4 19	17 55	2 50	22 41	2 22	24 24	1 32	11 40	0 51	7 44	2 19	19 49	0 9	21 9	1 30	10 8	16 35	21 33	21 39	22 30	10 40	0 3
W11	6 50	6 31	4 47	18 17	2 54	22 58	2 25	24 28	1 32	11 36	0 51	7 45	2 19	19 50	0 9	21 9	1 30	10 8	16 35	21 35	21 39	22 28	10 38	0 3
T 12	7 13	11 58	5 0	18 39	2 58	23 15	2 28	24 32	1 32	11 32	0 51	7 47	2 19	19 51	0 9	21 9	1 30	10 7	16 35	21 37	21 40	22 27	10 37	0 3
F 13	7 36	16 56	4 56	18 58	3 2	23 31	2 32	24 35	1 32	11 28	0 52	7 48	2 19	19 51	0 9	21 9	1 30	10 6	16 35	21 39	21 40	22 25	10 36	0 3
S 14	7 58	21 6	4 34	19 16	3 4	23 47	2 35	24 39	1 32	11 25	0 52	7 49	2 19	19 52	0 9	21 8	1 30	10 5	16 35	21 41	21 41	22 23	10 35	0 3
S 15	8 21	24 5	3 56	19 32	3 7	24 2	2 38	24 42	1 32	11 21	0 52	7 50	2 19	19 53	0 9	21 8	1 30	10 4	16 35	21 42	21 41	22 21	10 34	0 3
M16	8 43	25 36	3 3	19 46	3 8	24 16	2 41	24 45	1 32	11 17	0 52	7 51	2 19	19 54	0 9	21 8	1 30	10 3	16 35	21 43	21 42	22 19	10 33	0 3
T 17	9 5	25 27	1 59	19 58	3 9	24 30	2 44	24 47	1 32	11 14	0 52	7 53	2 18	19 54	0 9	21 8	1 30	10 3	16 35	21 44	21 42	22 17	10 32	0 3
W18	9 27	23 40	0 47	20 7	3 9	24 43	2 47	24 50	1 32	11 10	0 52	7 54	2 18	19 55	0 9	21 8	1 30	10 2	16 36	21 44	21 43	22 16	10 30	0 2
T 19	9 49	20 24	0n27	20 14	3 8	24 55	2 49	24 52	1 32	11 7	0 53	7 55	2 18	19 56	0 9	21 8	1 31	10 1	16 36	21 44	21 43	22 14	10 29	0 2
F 20	10 11	15 57	1 40	20 19	3 6	25 7	2 52	24 54	1 32	11 3	0 53	7 56	2 18	19 56	0 9	21 8	1 31	10 0	16 36	21 44	21 44	22 12	10 28	0 2
S 21	10 33	10 40	2 46	20 20	3 3	25 19	2 55	24 55	1 32	11 0	0 53	7 57	2 18	19 57	0 9	21 7	1 31	10 0	16 36	21 44	21 44	22 10	10 27	0 2
S 22	10 54	4 52	3 42	20 18	2 59	25 29	2 57	24 57	1 32	10 56	0 53	7 58	2 18	19 58	0 9	21 7	1 31	9 59	16 36	21 45	21 45	22 8	10 26	0 2
M23	11 15	1n 6	4 24	20 13	2 54	25 39	3 0	24 58	1 31	10 53	0 53	7 59	2 18	19 58	0 9	21 7	1 31	9 58	16 36	21 46	21 45	22 6	10 25	0 2
T 24	11 36	6 57	4 51	20 4	2 47	25 49	3 2	24 59	1 31	10 49	0 54	7 59	2 18	19 59	0 9	21 7	1 31	9 57	16 36	21 48	21 46	22 5	10 24	0 2
W25	11 57	12 23	5 1	19 51	2 38	25 57	3 4	24 59	1 31	10 46	0 54	8 0	2 17	20 0	0 9	21 7	1 31	9 57	16 37	21 50	21 46	22 3	10 22	0 2
T 26	12 18	17 9	4 54	19 33	2 28	26 5	3 6	25 0	1 31	10 43	0 54	8 1	2 17	20 1	0 9	21 7	1 31	9 56	16 37	21 52	21 47	22 1	10 21	0 2
F 27	12 39	21 0	4 32	19 12	2 16	26 13	3 9	25 0	1 31	10 39	0 54	8 2	2 17	20 1	0 9	21 7	1 31	9 55	16 37	21 53	21 47	21 59	10 20	0 2
S 28	12 59	23 46	3 57	18 46	2 2	26 20	3 10	24 59	1 31	10 36	0 54	8 3	2 17	20 2	0 9	21 6	1 31	9 55	16 37	21 55	21 48	21 57	10 19	0 2
S 29	13 19	25 18	3 11	18 15	1 47	26 26	3 12	24 59	1 31	10 33	0 55	8 3	2 17	20 3	0 9	21 6	1 31	9 54	16 37	21 56	21 48	21 55	10 18	0 2
M30	13 39	25 35	2 17	17 41	1 30	26 31	3 14	24 58	1 31	10 30	0 55	8 4	2 17	20 4	0 9	21 6	1 31	9 53	16 38	21 57	21 49	21 53	10 17	0 1
T 31	13s59	24n40	1n18	17s 2	1s12	26s36	3s16	24s57	1s31	10n27	0n55	8s 5	2s17	20s 4	0n 9	21n 6	1s31	9n53	16n38	21s58	21s49	21n51	10n16	0n 1

Julian Day Number = 2353202.5, Delta T = 11.32 sec
Ecliptic obliquity = 23°28'32, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'53, Lahiri = 20°05'54Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1730
geocentric

NOVEMBER 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 39 59	8♏20'11	17♋12	12°R13	25♐ 8	3♑37	5♍25	14°R49	0♐13	14°R44	13♎49	20°D 8	21♑ 2	21♋ 2	26°R27	W 1
T 2	2 43 56	9°20'22	28°59	10♏55	26°12	4°22	5°34	14♓47	0°16	14♊43	13°51	20♑ 8	20°58	21° 9	26♈24	T 2
F 3	2 47 52	10°20'34	10♌49	9°36	27°15	5° 7	5°43	14°46	0°20	14°42	13°53	20°R 8	20°55	21°15	26°22	F 3
S 4	2 51 49	11°20'49	22°46	8°19	28°18	5°53	5°51	14°44	0°23	14°40	13°56	20° 7	20°52	21°22	26°19	S 4
S 5	2 55 45	12°21'05	4♍56	7° 5	29°21	6°38	6° 0	14°43	0°27	14°39	13°58	20° 5	20°49	21°29	26°16	S 5
M 6	2 59 42	13°21'24	17°24	5°58	0♑24	7°23	6° 8	14°41	0°30	14°38	14° 0	20° 0	20°46	21°35	26°13	M 6
T 7	3 3 38	14°21'44	0♎14	4°59	1°26	8° 8	6°16	14°40	0°34	14°36	14° 2	19°53	20°43	21°42	26°10	T 7
W 8	3 7 35	15°22'07	13°27	4°10	2°28	8°54	6°25	14°39	0°37	14°35	14° 4	19°43	20°39	21°49	26° 8	W 8
T 9	3 11 32	16°22'31	27° 5	3°33	3°29	9°39	6°32	14°38	0°41	14°33	14° 6	19°32	20°36	21°55	26° 5	T 9
F 10	3 15 28	17°22'57	11♏ 4	3° 6	4°30	10°25	6°40	14°37	0°45	14°32	14° 8	19°22	20°33	22° 2	26° 2	F 10
S 11	3 19 25	18°23'25	25°21	2°52	5°31	11°10	6°48	14°36	0°48	14°30	14°10	19°12	20°30	22° 9	25°59	S 11
S 12	3 23 21	19°23'54	9♐49	2°D49	6°32	11°56	6°56	14°36	0°52	14°29	14°12	19° 4	20°27	22°15	25°57	S 12
M13	3 27 18	20°24'25	24°23	2°57	7°32	12°42	7° 3	14°35	0°56	14°27	14°14	18°59	20°24	22°22	25°54	M13
T 14	3 31 14	21°24'58	8♑55	3°15	8°32	13°27	7°10	14°34	0°59	14°26	14°16	18°57	20°20	22°29	25°52	T 14
W15	3 35 11	22°25'31	23°21	3°42	9°31	14°13	7°17	14°34	1° 3	14°24	14°18	18°D56	20°17	22°35	25°49	W15
T 16	3 39 7	23°26'06	7♒37	4°19	10°30	14°59	7°24	14°34	1° 7	14°23	14°20	18°57	20°14	22°42	25°47	T 16
F 17	3 43 4	24°26'42	21°42	5° 2	11°28	15°45	7°31	14°34	1°10	14°21	14°22	18°R58	20°11	22°48	25°44	F 17
S 18	3 47 1	25°27'19	5♓36	5°53	12°26	16°31	7°38	14°D34	1°14	14°20	14°24	18°57	20° 8	22°55	25°42	S 18
S 19	3 50 57	26°27'57	19°17	6°50	13°24	17°17	7°44	14°34	1°18	14°18	14°26	18°55	20° 4	23° 2	25°39	S 19
M20	3 54 54	27°28'37	2♈47	7°51	14°21	18° 3	7°51	14°34	1°21	14°16	14°28	18°50	20° 1	23° 8	25°37	M20
T 21	3 58 50	28°29'17	16° 4	8°58	15°17	18°49	7°57	14°34	1°25	14°15	14°30	18°43	19°58	23°15	25°34	T 21
W22	4 2 47	29°29'59	29°10	10° 8	16°13	19°35	8° 3	14°34	1°29	14°13	14°32	18°35	19°55	23°22	25°32	W22
T 23	4 6 43	0♐30'42	12♉ 3	11°22	17° 8	20°21	8° 9	14°35	1°32	14°12	14°34	18°26	19°52	23°28	25°30	T 23
F 24	4 10 40	1°31'26	24°44	12°38	18° 3	21° 7	8°15	14°35	1°36	14°10	14°35	18°17	19°49	23°35	25°27	F 24
S 25	4 14 36	2°32'12	7♊11	13°57	18°57	21°54	8°21	14°36	1°40	14° 8	14°37	18° 9	19°45	23°42	25°25	S 25
S 26	4 18 33	3°32'58	19°26	15°18	19°50	22°40	8°26	14°37	1°43	14° 7	14°39	18° 3	19°42	23°48	25°23	S 26
M27	4 22 30	4°33'46	1♋30	16°41	20°43	23°26	8°31	14°38	1°47	14° 5	14°41	18° 0	19°39	23°55	25°21	M27
T 28	4 26 26	5°34'36	13°25	18° 5	21°35	24°13	8°37	14°39	1°51	14° 3	14°42	17°D58	19°36	24° 2	25°19	T 28
W29	4 30 23	6°35'26	25°14	19°31	22°26	24°59	8°42	14°40	1°55	14° 2	14°44	17°58	19°33	24° 8	25°17	W29
T 30	4 34 19	7♐36'18	7♌ 0	20♏58	23♑17	25♑45	8♍46	14♓41	1♐58	14♊ 0	14♎46	18♑ 0	19♑30	24♋15	25♈15	T 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	
W 1	14 s18	22n37	0n16	16 s21	0 s52	26 s40	3 s17	24 s56	1 s30	10n23	0n55	8 s 5	2 s16	20 s 5	0n 9	21n 6	1 s31	9n52	16n38	21 s58	21 s50	21n50	10n15	0n	1
T 2	14 38	19 37	0 s47	15 38	0 32	26 44	3 19	24 54	1 30	10 20	0 55	8 6	2 16	20 6	0 9	21 6	1 31	9 52	16 38	21 58	21 50	21 48	10 13	0	1
F 3	14 57	15 49	1 48	14 53	0 11	26 47	3 20	24 53	1 30	10 17	0 56	8 6	2 16	20 7	0 9	21 5	1 31	9 51	16 39	21 58	21 51	21 46	10 12	0	1
S 4	15 15	11 21	2 45	14 9	0n10	26 49	3 21	24 51	1 30	10 14	0 56	8 7	2 16	20 7	0 9	21 5	1 31	9 50	16 39	21 58	21 51	21 44	10 11	0	1
S 5	15 34	6 23	3 35	13 26	0 30	26 50	3 22	24 48	1 30	10 12	0 56	8 7	2 16	20 8	0 9	21 5	1 31	9 50	16 39	21 58	21 52	21 42	10 10	0	1
M 6	15 52	1 3	4 16	12 46	0 49	26 51	3 23	24 46	1 30	10 9	0 56	8 7	2 16	20 9	0 9	21 5	1 31	9 49	16 39	21 59	21 52	21 40	10 9	0	1
T 7	16 10	4 s28	4 46	12 10	1 6	26 52	3 24	24 43	1 29	10 6	0 56	8 8	2 15	20 10	0 9	21 5	1 31	9 49	16 40	22 0	21 53	21 38	10 8	0	1
W 8	16 28	9 57	5 2	11 38	1 23	26 51	3 24	24 40	1 29	10 3	0 57	8 8	2 15	20 10	0 9	21 4	1 31	9 48	16 40	22 1	21 53	21 36	10 7	0	1
T 9	16 46	15 7	5 1	11 12	1 37	26 50	3 25	24 36	1 29	10 0	0 57	8 8	2 15	20 11	0 9	21 4	1 31	9 48	16 40	22 3	21 54	21 34	10 6	0	1
F 10	17 3	19 38	4 42	10 51	1 49	26 49	3 25	24 32	1 29	9 58	0 57	8 8	2 15	20 12	0 9	21 4	1 31	9 47	16 41	22 5	21 54	21 32	10 5	0	0
S 11	17 20	23 6	4 6	10 37	2 0	26 46	3 25	24 28	1 29	9 55	0 57	8 8	2 15	20 13	0 9	21 4	1 31	9 47	16 41	22 6	21 55	21 30	10 4	0	0
S 12	17 36	25 9	3 13	10 28	2 8	26 43	3 25	24 24	1 28	9 52	0 58	8 9	2 15	20 13	0 9	21 4	1 31	9 46	16 41	22 7	21 55	21 28	10 3	0	0
M13	17 53	25 29	2 8	10 24	2 15	26 40	3 25	24 20	1 28	9 50	0 58	8 9	2 14	20 14	0 9	21 4	1 31	9 46	16 41	22 8	21 55	21 26	10 2	0	0
T 14	18 9	24 4	0 54	10 26	2 20	26 36	3 24	24 15	1 28	9 47	0 58	8 9	2 14	20 15	0 9	21 3	1 31	9 45	16 42	22 8	21 56	21 25	10 0	0	0
W15	18 24	21 4	0n24	10 32	2 23	26 31	3 24	24 10	1 28	9 45	0 58	8 9	2 14	20 16	0 8	21 3	1 31	9 45	16 42	22 8	21 56	21 23	9 59	0	0
T 16	18 40	16 48	1 39	10 42	2 25	26 26	3 23	24 5	1 27	9 42	0 58	8 9	2 14	20 16	0 8	21 3	1 31	9 45	16 43	22 8	21 57	21 21	9 58	0 s	0
F 17	18 55	11 40	2 47	10 56	2 25	26 20	3 22	23 59	1 27	9 40	0 59	8 9	2 14	20 17	0 8	21 3	1 31	9 44	16 43	22 8	21 57	21 19	9 57	0	0
S 18	19 9	6 0	3 44	11 14	2 25	26 14	3 21	23 53	1 27	9 38	0 59	8 8	2 13	20 18	0 8	21 3	1 31	9 44	16 43	22 8	21 58	21 17	9 56	0	0
S 19	19 24	0 9	4 27	11 34	2 23	26 7	3 20	23 47	1 26	9 36	0 59	8 8	2 13	20 19	0 8	21 2	1 31	9 43	16 44	22 8	21 58	21 15	9 56	0	0
M20	19 38	5n37	4 55	11 56	2 21	25 59	3 18	23 41	1 26	9 33	0 59	8 8	2 13	20 19	0 8	21 2	1 31	9 43	16 44	22 9	21 59	21 13	9 55	0	0
T 21	19 51	11 3	5 7	12 20	2 17	25 51	3 17	23 34	1 26	9 31	1 0	8 8	2 13	20 20	0 8	21 2	1 31	9 43	16 44	22 10	21 59	21 11	9 54	0	0
W22	20 4	15 54	5 2	12 46	2 13	25 43	3 15	23 27	1 25	9 29	1 0	8 7	2 13	20 21	0 8	21 2	1 31	9 42	16 45	22 11	22 0	21 9	9 53	0	1
T 23	20 17	19 56	4 42	13 13	2 9	25 34	3 13	23 20	1 25	9 27	1 0	8 7	2 13	20 22	0 8	21 2	1 31	9 42	16 45	22 12	22 0	21 7	9 52	0	1
F 24	20 30	22 59	4 8	13 41	2 4	25 24	3 11	23 13	1 25	9 25	1 0	8 7	2 12	20 22	0 8	21 1	1 31	9 42	16 46	22 13	22 1	21 5	9 51	0	1
S 25	20 42	24 52	3 23	14 10	1 58	25 14	3 8	23 5	1 24	9 23	1 1	8 6	2 12	20 23	0 8	21 1	1 31	9 41	16 46	22 15	22 1	21 3	9 50	0	1
S 26	20 54	25 31	2 28	14 39	1 53	25 4	3 5	22 57	1 24	9 22	1 1	8 6	2 12	20 24	0 8	21 1	1 31	9 41	16 46	22 15	22 2	21 1	9 49	0	1
M27	21 5	24 56	1 28	15 9	1 46	24 53	3 2	22 49	1 24	9 20	1 1	8 5	2 12	20 25	0 8	21 1	1 31	9 41	16 47	22 16	22 2	20 59	9 48	0	1
T 28	21 16	23 13	0 25	15 39	1 40	24 41	2 59	22 40	1 23	9 18	1 1	8 5	2 12	20 26	0 8	21 1	1 31	9 41	16 47	22 16	22 2	20 57	9 47	0	1
W29	21 27	20 29	0 s39	16 8	1 33	24 30	2 56	22 32	1 23	9 16	1 2	8 4	2 11	20 26	0 8	21 0	1 31	9 41	16 48	22 16	22 3	20 55	9 47	0	1
T 30	21 s37	16n54	1 s42	16 s38	1n26	24 s18	2 s52	22 s23	1 s23	9n15	1n 2	8 s 3	2 s11	20 s27	0n 8	21n 0	1 s31	9n40	16n48	22 s16	22 s 3	20n53	9n46	0 s	1

Julian Day Number = 2353233.5, Delta T = 11.33 sec
Ecliptic obliquity = 23°28'31, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'57, Lahiri = 20°05'58Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1730
geocentric

DECEMBER 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 38 16	8♐37'11	18♌49	22♏25	24♑ 7	26♑32	8♍51	14♓42	2♐ 2	13°R58	14♎47	18♑ 1	19♑26	24♋21	25°R13	F 1
S 2	4 42 12	9°38'06	0♍44	23°54	24°56	27°18	8°56	14°44	2° 6	13♊57	14°49	18° 3	19°23	24°28	25♈11	S 2
S 3	4 46 9	10°39'02	12°52	25°23	25°44	28° 5	9° 0	14°45	2° 9	13°55	14°50	18°R 3	19°20	24°35	25° 9	S 3
M 4	4 50 5	11°39'59	25°17	26°53	26°31	28°51	9° 4	14°47	2°13	13°53	14°52	18° 2	19°17	24°41	25° 7	M 4
T 5	4 54 2	12°40'57	8♎ 4	28°23	27°18	29°38	9° 8	14°49	2°17	13°51	14°53	17°59	19°14	24°48	25° 5	T 5
W 6	4 57 59	13°41'56	21°16	29°53	28° 3	0♒24	9°12	14°50	2°20	13°50	14°55	17°55	19°10	24°55	25° 4	W 6
T 7	5 1 55	14°42'57	4♏56	1♐24	28°47	1°11	9°15	14°52	2°24	13°48	14°56	17°50	19° 7	25° 1	25° 2	T 7
F 8	5 5 52	15°43'59	19° 2	2°55	29°31	1°58	9°19	14°54	2°28	13°46	14°58	17°45	19° 4	25° 8	25° 0	F 8
S 9	5 9 48	16°45'02	3♐32	4°27	0♒13	2°44	9°22	14°57	2°31	13°45	14°59	17°40	19° 1	25°15	24°59	S 9
S 10	5 13 45	17°46'05	18°18	5°59	0°54	3°31	9°25	14°59	2°35	13°43	15° 0	17°36	18°58	25°21	24°57	S 10
M11	5 17 41	18°47'10	3♑15	7°31	1°34	4°18	9°28	15° 1	2°38	13°41	15° 2	17°34	18°55	25°28	24°56	M11
T 12	5 21 38	19°48'15	18°13	9° 3	2°13	5° 4	9°31	15° 4	2°42	13°40	15° 3	17°D33	18°51	25°35	24°55	T 12
W13	5 25 34	20°49'21	3♒ 4	10°35	2°51	5°51	9°33	15° 6	2°46	13°38	15° 4	17°34	18°48	25°41	24°53	W13
T 14	5 29 31	21°50'26	17°42	12° 7	3°27	6°38	9°36	15° 9	2°49	13°36	15° 6	17°35	18°45	25°48	24°52	T 14
F 15	5 33 28	22°51'33	2♓ 2	13°40	4° 2	7°25	9°38	15°12	2°53	13°35	15° 7	17°37	18°42	25°55	24°51	F 15
S 16	5 37 24	23°52'39	16° 3	15°13	4°35	8°12	9°40	15°14	2°56	13°33	15° 8	17°38	18°39	26° 1	24°49	S 16
S 17	5 41 21	24°53'46	29°43	16°46	5° 7	8°58	9°42	15°17	3° 0	13°31	15° 9	17°R38	18°36	26° 8	24°48	S 17
M18	5 45 17	25°54'53	13♈ 4	18°19	5°38	9°45	9°43	15°20	3° 3	13°30	15°10	17°37	18°32	26°14	24°47	M18
T 19	5 49 14	26°56'00	26° 8	19°52	6° 6	10°32	9°45	15°24	3° 7	13°28	15°11	17°35	18°29	26°21	24°46	T 19
W20	5 53 10	27°57'07	8♉55	21°26	6°33	11°19	9°46	15°27	3°10	13°26	15°12	17°32	18°26	26°28	24°45	W20
T 21	5 57 7	28°58'14	21°29	23° 0	6°59	12° 6	9°47	15°30	3°14	13°25	15°13	17°29	18°23	26°34	24°44	T 21
F 22	6 1 3	29°59'22	3♊50	24°34	7°22	12°53	9°48	15°34	3°17	13°23	15°14	17°26	18°20	26°41	24°44	F 22
S 23	6 5 0	1♑ 0'30	16° 2	26° 8	7°44	13°40	9°48	15°37	3°20	13°21	15°15	17°24	18°16	26°48	24°43	S 23
S 24	6 8 57	2° 1'38	28° 4	27°42	8° 3	14°27	9°49	15°41	3°24	13°20	15°16	17°22	18°13	26°54	24°42	S 24
M25	6 12 53	3° 2'46	10♋ 0	29°17	8°21	15°13	9°49	15°44	3°27	13°18	15°17	17°21	18°10	27° 1	24°41	M25
T 26	6 16 50	4° 3'55	21°51	0♑52	8°36	16° 0	9°R49	15°48	3°30	13°17	15°18	17°D21	18° 7	27° 8	24°41	T 26
W27	6 20 46	5° 5'04	3♌38	2°27	8°50	16°47	9°49	15°52	3°34	13°15	15°19	17°22	18° 4	27°14	24°40	W27
T 28	6 24 43	6° 6'13	15°26	4° 3	9° 1	17°34	9°49	15°56	3°37	13°14	15°19	17°23	18° 1	27°21	24°40	T 28
F 29	6 28 39	7° 7'22	27°16	5°39	9°10	18°21	9°48	16° 0	3°40	13°12	15°20	17°24	17°57	27°28	24°39	F 29
S 30	6 32 36	8° 8'31	9♍13	7°15	9°17	19° 8	9°47	16° 4	3°43	13°11	15°21	17°25	17°54	27°34	24°39	S 30
S 31	6 36 33	9♑ 9'41	21♍20	8♑52	9♒21	19♒55	9♍47	16♓ 8	3♐47	13♊ 9	15♎21	17♑26	17♑51	27♋41	24♈39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s46	12n40	2s40	17s 7	1n19	24s 5	2s48	22s13	1s22	9n13	1n 2	8s 3	2s11	20s28	0n 8	21n 0	1s31	9n40	16n49	22s16	22s 4	20n51	9n45	0s 1
S 2	21 56	7 55	3 32	17 36	1 12	23 52	2 44	22 4	1 22	9 12	1 2	8 2	2 11	20 29	0 8	21 0	1 31	9 40	16 49	22 15	22 4	20 49	9 44	0 1
S 3	22 5	2 48	4 16	18 5	1 5	23 39	2 40	21 54	1 21	9 11	1 3	8 1	2 11	20 29	0 8	21 0	1 31	9 40	16 50	22 15	22 5	20 46	9 43	0 2
M 4	22 13	2s32	4 48	18 33	0 58	23 25	2 35	21 44	1 21	9 9	1 3	8 0	2 10	20 30	0 8	20 59	1 31	9 40	16 50	22 15	22 5	20 44	9 43	0 2
T 5	22 21	7 55	5 8	19 0	0 51	23 11	2 30	21 34	1 21	9 8	1 3	8 0	2 10	20 31	0 8	20 59	1 31	9 40	16 51	22 16	22 6	20 42	9 42	0 2
W 6	22 29	13 7	5 12	19 27	0 43	22 57	2 25	21 24	1 20	9 7	1 3	7 59	2 10	20 31	0 8	20 59	1 31	9 39	16 51	22 16	22 6	20 40	9 41	0 2
T 7	22 36	17 52	4 59	19 53	0 36	22 42	2 20	21 13	1 20	9 6	1 4	7 58	2 10	20 32	0 8	20 59	1 31	9 39	16 52	22 17	22 7	20 38	9 41	0 2
F 8	22 43	21 47	4 27	20 18	0 29	22 28	2 14	21 2	1 19	9 5	1 4	7 57	2 10	20 33	0 8	20 59	1 31	9 39	16 52	22 18	22 7	20 36	9 40	0 2
S 9	22 49	24 28	3 38	20 43	0 21	22 13	2 8	20 51	1 19	9 4	1 4	7 56	2 10	20 34	0 8	20 58	1 31	9 39	16 53	22 18	22 7	20 34	9 39	0 2
S 10	22 55	25 31	2 34	21 6	0 14	21 57	2 1	20 40	1 18	9 3	1 4	7 55	2 9	20 34	0 8	20 58	1 31	9 39	16 53	22 19	22 8	20 32	9 39	0 2
M11	23 0	24 44	1 18	21 29	0 7	21 42	1 55	20 29	1 18	9 2	1 5	7 54	2 9	20 35	0 8	20 58	1 31	9 39	16 54	22 19	22 8	20 30	9 38	0 2
T 12	23 5	22 10	0n 4	21 50	0 0	21 26	1 48	20 17	1 17	9 1	1 5	7 53	2 9	20 36	0 8	20 58	1 31	9 39	16 54	22 19	22 9	20 28	9 37	0 2
W13	23 9	18 8	1 24	22 11	0s 7	21 11	1 40	20 5	1 17	9 0	1 5	7 51	2 9	20 36	0 8	20 58	1 31	9 39	16 55	22 19	22 9	20 26	9 37	0 2
T 14	23 13	13 2	2 38	22 30	0 14	20 55	1 33	19 53	1 17	9 0	1 6	7 50	2 9	20 37	0 8	20 58	1 31	9 39	16 55	22 19	22 10	20 24	9 36	0 2
F 15	23 17	7 19	3 41	22 49	0 21	20 39	1 25	19 40	1 16	8 59	1 6	7 49	2 8	20 38	0 8	20 57	1 31	9 39	16 56	22 19	22 10	20 22	9 36	0 3
S 16	23 20	1 23	4 29	23 6	0 27	20 23	1 16	19 28	1 16	8 59	1 6	7 48	2 8	20 39	0 8	20 57	1 31	9 39	16 56	22 19	22 11	20 20	9 35	0 3
S 17	23 23	4n29	5 0	23 22	0 34	20 7	1 8	19 15	1 15	8 58	1 6	7 46	2 8	20 39	0 8	20 57	1 31	9 39	16 57	22 19	22 11	20 17	9 35	0 3
M18	23 25	9 59	5 14	23 38	0 40	19 50	0 59	19 2	1 15	8 58	1 7	7 45	2 8	20 40	0 8	20 57	1 31	9 39	16 57	22 19	22 11	20 15	9 34	0 3
T 19	23 26	14 56	5 12	23 51	0 46	19 34	0 49	18 49	1 14	8 58	1 7	7 44	2 8	20 41	0 8	20 57	1 31	9 40	16 58	22 19	22 12	20 13	9 34	0 3
W20	23 28	19 8	4 54	24 4	0 52	19 18	0 40	18 35	1 14	8 57	1 7	7 42	2 8	20 41	0 8	20 56	1 31	9 40	16 58	22 19	22 12	20 11	9 33	0 3
T 21	23 28	22 22	4 22	24 16	0 58	19 2	0 30	18 22	1 13	8 57	1 8	7 41	2 7	20 42	0 8	20 56	1 31	9 40	16 59	22 20	22 13	20 9	9 33	0 3
F 22	23 28	24 31	3 38	24 26	1 4	18 46	0 19	18 8	1 13	8 57	1 8	7 39	2 7	20 43	0 8	20 56	1 31	9 40	16 59	22 20	22 13	20 7	9 33	0 3
S 23	23 28	25 28	2 45	24 35	1 10	18 30	0 8	17 54	1 12	8 57	1 8	7 38	2 7	20 43	0 8	20 56	1 31	9 40	17 0	22 20	22 14	20 5	9 32	0 3
S 24	23 28	25 12	1 45	24 42	1 15	18 14	0n 3	17 40	1 11	8 57	1 8	7 36	2 7	20 44	0 8	20 56	1 31	9 40	17 1	22 21	22 14	20 3	9 32	0 3
M25	23 26	23 46	0 41	24 49	1 20	17 59	0 14	17 25	1 11	8 57	1 9	7 35	2 7	20 45	0 8	20 56	1 31	9 41	17 1	22 21	22 14	20 0	9 32	0 3
T 26	23 25	21 17	0s25	24 54	1 25	17 43	0 26	17 11	1 10	8 58	1 9	7 33	2 7	20 45	0 8	20 55	1 31	9 41	17 2	22 21	22 15	19 58	9 31	0 3
W27	23 23	17 55	1 29	24 57	1 30	17 28	0 38	16 56	1 10	8 58	1 9	7 31	2 6	20 46	0 8	20 55	1 31	9 41	17 2	22 21	22 15	19 56	9 31	0 4
T 28	23 20	13 51	2 30	24 59	1 34	17 13	0 51	16 41	1 9	8 58	1 9	7 30	2 6	20 46	0 8	20 55	1 31	9 41	17 3	22 21	22 16	19 54	9 31	0 4
F 29	23 17	9 15	3 24	25 0	1 39	16 58	1 4	16 26	1 9	8 59	1 10	7 28	2 6	20 47	0 8	20 55	1 31	9 41	17 3	22 20	22 16	19 52	9 30	0 4
S 30	23 13	4 16	4 10	24 59	1 43	16 43	1 17	16 11	1 8	8 59	1 10	7 26	2 6	20 48	0 8	20 55	1 31	9 42	17 4	22 20	22 17	19 50	9 30	0 4
S 31	23s 9	0s56	4s46	24s57	1s46	16s29	1n31	15s56	1s 8	9n 0	1n10	7s24	2s 6	20s48	0n 8	20n55	1s31	9n42	17n 5	22s20	22s17	19n48	9n30	0s 4

Julian Day Number = 2353263.5, Delta T = 11.35 sec
Ecliptic obliquity = 23°28'30, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°59'02, Lahiri = 20°06'02Greg. Calendar