Astrodienst Ephemeris Tables

for the year 1710

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 1710
geocentric

JANUARY 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 40 49	10♑17'07	21♑56	26♐ 2	25♒ 8	8♑32	23♏42	13°R 1	27°R 4	25°R12	28°R22	2°R18	3♓57	13♓19	25♑22	W 1
T 2	6 44 46	11°18'19	4♒18	27°32	26°16	9°18	23°53	12♋56	27♌ 2	25♈12	28♌21	2♓12	3°54	13°26	25°27	T 2
F 3	6 48 42	12°19'30	16°27	29° 3	27°25	10° 4	24° 4	12°51	27° 0	25°12	28°20	2° 8	3°51	13°32	25°32	F 3
S 4	6 52 39	13°20'41	28°26	0♑34	28°33	10°50	24°15	12°46	26°59	25°12	28°19	2°D 7	3°48	13°39	25°37	S 4
S 5	6 56 35	14°21'51	10♓16	2° 6	29°41	11°36	24°26	12°41	26°57	25°12	28°19	2° 7	3°45	13°46	25°43	S 5
M 6	7 0 32	15°23'02	22° 3	3°38	0♓49	12°22	24°36	12°36	26°55	25°D12	28°18	2° 8	3°41	13°52	25°48	M 6
T 7	7 4 28	16°24'11	3♈51	5°10	1°57	13° 9	24°47	12°31	26°54	25°12	28°16	2°10	3°38	13°59	25°53	T 7
W 8	7 8 25	17°25'20	15°46	6°43	3° 4	13°55	24°57	12°26	26°52	25°12	28°15	2°R11	3°35	14° 5	25°58	W 8
T 9	7 12 21	18°26'28	27°52	8°17	4°11	14°41	25° 7	12°21	26°50	25°12	28°14	2°10	3°32	14°12	26° 3	T 9
F 10	7 16 18	19°27'36	10♉16	9°50	5°18	15°27	25°18	12°16	26°48	25°12	28°13	2° 8	3°29	14°19	26° 9	F 10
S 11	7 20 15	20°28'43	23° 1	11°25	6°25	16°14	25°28	12°11	26°46	25°12	28°12	2° 3	3°25	14°25	26°14	S 11
S 12	7 24 11	21°29'50	6♊10	13° 0	7°32	17° 0	25°38	12° 7	26°44	25°12	28°11	1°58	3°22	14°32	26°19	S 12
M13	7 28 8	22°30'55	19°45	14°35	8°38	17°46	25°48	12° 2	26°42	25°13	28°10	1°51	3°19	14°39	26°24	M13
T 14	7 32 4	23°32'00	3♋45	16°11	9°44	18°33	25°58	11°57	26°40	25°13	28° 9	1°45	3°16	14°45	26°29	T 14
W15	7 36 1	24°33'05	18° 6	17°47	10°50	19°19	26° 7	11°52	26°38	25°13	28° 8	1°39	3°13	14°52	26°35	W15
T 16	7 39 57	25°34'08	2♌43	19°24	11°56	20° 6	26°17	11°47	26°36	25°14	28° 6	1°34	3°10	14°59	26°40	T 16
F 17	7 43 54	26°35'11	17°29	21° 2	13° 1	20°52	26°26	11°43	26°34	25°14	28° 5	1°32	3° 6	15° 5	26°45	F 17
S 18	7 47 50	27°36'14	2♍16	22°40	14° 6	21°39	26°36	11°38	26°32	25°14	28° 4	1°D31	3° 3	15°12	26°50	S 18
S 19	7 51 47	28°37'15	16°58	24°18	15°11	22°25	26°45	11°33	26°29	25°15	28° 3	1°32	3° 0	15°19	26°56	S 19
M20	7 55 44	29°38'17	1♎29	25°58	16°15	23°12	26°54	11°29	26°27	25°15	28° 1	1°33	2°57	15°25	27° 1	M20
T 21	7 59 40	0♒39'17	15°45	27°38	17°19	23°59	27° 3	11°24	26°25	25°16	28° 0	1°35	2°54	15°32	27° 6	T 21
W22	8 3 37	1°40'17	29°45	29°18	18°23	24°45	27°12	11°20	26°23	25°16	27°59	1°R35	2°51	15°39	27°11	W22
T 23	8 7 33	2°41'17	13♏28	0♒59	19°26	25°32	27°21	11°15	26°20	25°17	27°57	1°35	2°47	15°45	27°16	T 23
F 24	8 11 30	3°42'16	26°55	2°41	20°29	26°19	27°30	11°11	26°18	25°18	27°56	1°33	2°44	15°52	27°22	F 24
S 25	8 15 26	4°43'15	10♐ 7	4°23	21°32	27° 6	27°38	11° 6	26°16	25°18	27°55	1°30	2°41	15°58	27°27	S 25
S 26	8 19 23	5°44'12	23° 4	6° 7	22°35	27°52	27°47	11° 2	26°13	25°19	27°53	1°26	2°38	16° 5	27°32	S 26
M27	8 23 20	6°45'09	5♑47	7°50	23°37	28°39	27°55	10°58	26°11	25°20	27°52	1°22	2°35	16°12	27°37	M27
T 28	8 27 16	7°46'05	18°18	9°35	24°38	29°26	28° 3	10°54	26° 8	25°20	27°51	1°18	2°31	16°18	27°42	T 28
W29	8 31 13	8°47'00	0♒38	11°20	25°40	0♒13	28°12	10°50	26° 6	25°21	27°49	1°14	2°28	16°25	27°47	W29
T 30	8 35 9	9°47'54	12°47	13° 6	26°40	1° 0	28°19	10°46	26° 4	25°22	27°48	1°12	2°25	16°32	27°53	T 30
F 31	8 39 6	10♒48'47	24♒48	14♒52	27♓41	1♒47	28♏27	10♋42	26♌ 1	25♈23	27♌46	1♓11	2♓22	16♓38	27♑58	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	23s 5	24s58	3s19	23s49	0s24	14s39	1s35	24s 3	0s50	17s50	0n55	22n26	0s25	13n14	0n46	8n 7	1s47	22n54	11n36	10s40	10s 5	5s48	14s38	6n35
T 2	23 0	21 33	2 24	23 58	0 30	14 13	1 31	24 0	0 51	17 53	0 55	22 26	0 25	13 14	0 46	8 7	1 47	22 55	11 37	10 43	10 6	5 44	14 37	6 34
F 3	22 54	17 15	1 23	24 6	0 37	13 46	1 28	23 57	0 51	17 55	0 55	22 27	0 25	13 15	0 46	8 7	1 46	22 56	11 37	10 44	10 7	5 41	14 36	6 34
S 4	22 49	12 21	0 20	24 12	0 44	13 20	1 25	23 54	0 52	17 58	0 56	22 28	0 24	13 16	0 46	8 7	1 46	22 56	11 37	10 44	10 8	5 38	14 35	6 34
S 5	22 42	7 3	0n44	24 18	0 50	12 52	1 22	23 50	0 52	18 1	0 56	22 28	0 24	13 16	0 46	8 7	1 46	22 57	11 38	10 44	10 9	5 34	14 35	6 34
M 6	22 35	1 32	1 46	24 22	0 56	12 25	1 18	23 46	0 53	18 3	0 56	22 29	0 24	13 17	0 46	8 7	1 46	22 58	11 38	10 44	10 10	5 31	14 34	6 34
T 7	22 28	4n 2	2 43	24 25	1 2	11 57	1 14	23 42	0 53	18 6	0 56	22 29	0 24	13 17	0 46	8 7	1 46	22 58	11 38	10 43	10 11	5 27	14 33	6 34
W 8	22 21	9 30	3 34	24 26	1 8	11 30	1 11	23 38	0 53	18 8	0 56	22 30	0 24	13 18	0 46	8 7	1 46	22 59	11 39	10 43	10 13	5 24	14 32	6 34
T 9	22 12	14 43	4 17	24 26	1 13	11 1	1 7	23 34	0 54	18 10	0 56	22 30	0 24	13 19	0 46	8 7	1 46	23 0	11 39	10 43	10 14	5 21	14 31	6 34
F 10	22 4	19 28	4 48	24 25	1 19	10 33	1 3	23 29	0 54	18 13	0 56	22 31	0 24	13 19	0 46	8 7	1 46	23 0	11 39	10 44	10 15	5 17	14 30	6 34
S 11	21 55	23 29	5 6	24 23	1 24	10 5	0 59	23 24	0 55	18 15	0 56	22 32	0 24	13 20	0 46	8 7	1 46	23 1	11 40	10 46	10 16	5 14	14 29	6 34
S 12	21 46	26 27	5 9	24 19	1 28	9 36	0 54	23 18	0 55	18 18	0 56	22 32	0 24	13 21	0 46	8 8	1 46	23 2	11 40	10 48	10 17	5 11	14 29	6 34
M13	21 36	27 59	4 55	24 13	1 33	9 7	0 50	23 13	0 55	18 20	0 56	22 33	0 23	13 22	0 46	8 8	1 46	23 2	11 40	10 50	10 18	5 7	14 28	6 34
T 14	21 25	27 49	4 24	24 6	1 37	8 38	0 45	23 7	0 56	18 22	0 56	22 33	0 23	13 22	0 46	8 8	1 46	23 3	11 40	10 52	10 19	5 4	14 27	6 34
W15	21 15	25 48	3 35	23 58	1 41	8 9	0 41	23 1	0 56	18 24	0 56	22 34	0 23	13 23	0 46	8 8	1 46	23 4	11 41	10 54	10 21	5 1	14 26	6 34
T 16	21 4	22 2	2 31	23 48	1 45	7 39	0 36	22 54	0 56	18 26	0 56	22 34	0 23	13 24	0 46	8 8	1 46	23 4	11 41	10 56	10 22	4 57	14 25	6 34
F 17	20 52	16 49	1 16	23 37	1 49	7 10	0 31	22 47	0 57	18 29	0 56	22 35	0 23	13 24	0 46	8 8	1 46	23 5	11 41	10 57	10 23	4 54	14 24	6 34
S 18	20 40	10 37	0s 4	23 24	1 52	6 40	0 26	22 40	0 57	18 31	0 56	22 35	0 23	13 25	0 46	8 9	1 46	23 6	11 42	10 57	10 24	4 50	14 23	6 34
S 19	20 28	3 52	1 24	23 10	1 55	6 11	0 21	22 33	0 57	18 33	0 56	22 36	0 23	13 26	0 46	8 9	1 46	23 6	11 42	10 57	10 25	4 47	14 22	6 34
M20	20 16	2s59	2 37	22 54	1 57	5 41	0 16	22 26	0 58	18 35	0 57	22 36	0 23	13 27	0 46	8 9	1 45	23 7	11 42	10 56	10 26	4 44	14 21	6 34
T 21	20 3	9 34	3 39	22 37	1 59	5 11	0 11	22 18	0 58	18 37	0 57	22 37	0 22	13 28	0 46	8 9	1 45	23 8	11 42	10 56	10 28	4 40	14 20	6 34
W22	19 49	15 33	4 27	22 18	2 1	4 41	0 5	22 10	0 58	18 39	0 57	22 37	0 22	13 28	0 46	8 10	1 45	23 8	11 43	10 56	10 29	4 37	14 19	6 34
T 23	19 36	20 39	4 58	21 58	2 3	4 11	0n 0	22 2	0 59	18 41	0 57	22 38	0 22	13 29	0 47	8 10	1 45	23 9	11 43	10 56	10 30	4 34	14 18	6 34
F 24	19 21	24 34	5 13	21 36	2 4	3 41	0 6	21 53	0 59	18 43	0 57	22 38	0 22	13 30	0 47	8 10	1 45	23 10	11 43	10 56	10 31	4 30	14 17	6 34
S 25	19 7	27 7	5 10	21 12	2 4	3 11	0 11	21 45	0 59	18 44	0 57	22 39	0 22	13 31	0 47	8 10	1 45	23 11	11 43	10 58	10 32	4 27	14 16	6 34
S 26	18 52	28 9	4 52	20 47	2 5	2 41	0 17	21 36	1 0	18 46	0 57	22 39	0 22	13 32	0 47	8 11	1 45	23 11	11 43	10 59	10 33	4 24	14 15	6 34
M27	18 37	27 40	4 19	20 21	2 4	2 11	0 23	21 27	1 0	18 48	0 57	22 40	0 22	13 33	0 47	8 11	1 45	23 12	11 44	11 0	10 34	4 20	14 14	6 34
T 28	18 21	25 46	3 35	19 52	2 4	1 41	0 29	21 17	1 0	18 50	0 57	22 40	0 22	13 33	0 47	8 11	1 45	23 13	11 44	11 2	10 36	4 17	14 13	6 34
W29	18 6	22 40	2 41	19 22	2 3	1 11	0 35	21 7	1 1	18 52	0 57	22 41	0 21	13 34	0 47	8 12	1 45	23 13	11 44	11 3	10 37	4 13	14 12	6 34
T 30	17 49	18 36	1 40	18 51	2 1	0 41	0 42	20 58	1 1	18 53	0 57	22 41	0 21	13 35	0 47	8 12	1 45	23 14	11 44	11 4	10 38	4 10	14 11	6 34
F 31	17s33	13s50	0s35	18s18	1s59	0s11	0n48	20s47	1s 1	18s55	0n57	22n42	0s21	13n36	0n47	8n12	1s45	23n15	11n44	11s 4	10s39	4s 7	14s10	6n34

Julian Day Number = 2345624.5, Delta T = 11.55 sec
Ecliptic obliquity = 23°28'45, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'31, Lahiri = 19°48'32Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1710
geocentric

FEBRUARY 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 2	11♒49'38	6♓41	16♒39	28♓41	2♒33	28♏35	10°R38	25°R58	25♈24	27°R45	1°D11	2♓19	16♓45	28♉ 3	S 1
S 2	8 46 59	12°50'29	18°29	18°26	29°40	3°20	28°43	10♋34	25♌56	25°25	27♌43	1♓12	2°16	16°52	28° 8	S 2
M 3	8 50 55	13°51'17	0♈16	20°14	0♈39	4° 7	28°50	10°30	25°53	25°26	27°42	1°13	2°12	16°58	28°13	M 3
T 4	8 54 52	14°52'04	12° 5	22° 2	1°38	4°54	28°57	10°27	25°51	25°27	27°40	1°15	2° 9	17° 5	28°18	T 4
W 5	8 58 48	15°52'50	23°59	23°51	2°36	5°41	29° 4	10°23	25°48	25°28	27°39	1°16	2° 6	17°12	28°23	W 5
T 6	9 2 45	16°53'34	6♉ 4	25°39	3°34	6°28	29°11	10°20	25°46	25°29	27°38	1°17	2° 3	17°18	28°28	T 6
F 7	9 6 42	17°54'17	18°24	27°28	4°31	7°15	29°18	10°16	25°43	25°30	27°36	1°R17	2° 0	17°25	28°33	F 7
S 8	9 10 38	18°54'58	1♊ 4	29°16	5°27	8° 2	29°25	10°13	25°41	25°31	27°35	1°17	1°56	17°32	28°38	S 8
S 9	9 14 35	19°55'38	14° 7	1♓ 4	6°23	8°49	29°31	10°10	25°38	25°32	27°33	1°16	1°53	17°38	28°43	S 9
M10	9 18 31	20°56'15	27°36	2°52	7°18	9°36	29°38	10° 6	25°35	25°33	27°32	1°15	1°50	17°45	28°48	M10
T 11	9 22 28	21°56'51	11♋33	4°39	8°13	10°24	29°44	10° 3	25°33	25°34	27°30	1°14	1°47	17°52	28°53	T 11
W12	9 26 24	22°57'26	25°57	6°24	9° 6	11°11	29°50	10° 0	25°30	25°36	27°29	1°13	1°44	17°58	28°58	W12
T 13	9 30 21	23°57'58	10♌42	8° 8	10° 0	11°58	29°56	9°58	25°27	25°37	27°27	1°12	1°41	18° 5	29° 3	T 13
F 14	9 34 18	24°58'29	25°43	9°49	10°52	12°45	0♐ 2	9°55	25°25	25°38	27°26	1°D12	1°37	18°11	29° 8	F 14
S 15	9 38 14	25°58'58	10♍51	11°29	11°44	13°32	0° 8	9°52	25°22	25°40	27°24	1°12	1°34	18°18	29°12	S 15
S 16	9 42 11	26°59'26	25°56	13° 5	12°35	14°19	0°13	9°50	25°20	25°41	27°22	1°12	1°31	18°25	29°17	S 16
M17	9 46 7	27°59'52	10♎51	14°38	13°25	15° 6	0°18	9°47	25°17	25°42	27°21	1°12	1°28	18°31	29°22	M17
T 18	9 50 4	29° 0'17	25°28	16° 6	14°15	15°53	0°23	9°45	25°14	25°44	27°19	1°12	1°25	18°38	29°27	T 18
W19	9 54 0	0♓ 0'41	9♏43	17°30	15° 3	16°41	0°28	9°42	25°12	25°45	27°18	1°13	1°22	18°45	29°31	W19
T 20	9 57 57	1° 1'03	23°34	18°48	15°51	17°28	0°33	9°40	25° 9	25°47	27°16	1°13	1°18	18°51	29°36	T 20
F 21	10 1 53	2° 1'24	7♐ 1	20° 1	16°38	18°15	0°38	9°38	25° 6	25°48	27°15	1°13	1°15	18°58	29°40	F 21
S 22	10 5 50	3° 1'44	20° 6	21° 6	17°23	19° 2	0°42	9°36	25° 4	25°50	27°13	1°13	1°12	19° 5	29°45	S 22
S 23	10 9 47	4° 2'02	2♑52	22° 5	18° 8	19°49	0°47	9°34	25° 1	25°51	27°12	1°13	1° 9	19°11	29°50	S 23
M24	10 13 43	5° 2'18	15°21	22°55	18°52	20°36	0°51	9°33	24°59	25°53	27°10	1°13	1° 6	19°18	29°54	M24
T 25	10 17 40	6° 2'33	27°36	23°37	19°35	21°24	0°55	9°31	24°56	25°54	27° 9	1°14	1° 2	19°25	29°59	T 25
W26	10 21 36	7° 2'47	9♒41	24°11	20°16	22°11	0°59	9°29	24°54	25°56	27° 7	1°14	0°59	19°31	0♒ 3	W26
T 27	10 25 33	8° 2'58	21°39	24°35	20°57	22°58	1° 2	9°28	24°51	25°57	27° 6	1°15	0°56	19°38	0° 7	T 27
F 28	10 29 29	9♓ 3'08	3♓31	24♓50	21♈36	23♒45	1♐ 6	9♋27	24♌48	25♈59	27♌ 4	1°R15	0♓53	19♓45	0♒12	F 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
S 1	17s16	8s36	0n30	17s43	1s57	0n18	0n55	20s37	1s 1	18s56	0n58	22n42	0s21	13n37	0n47	8n13	1s45	23n15	11n45	11s 4	10s40	4s 3	14s 8	6n34
S 2	16 59	3 7	1 34	17 7	1 53	0 48	1 1	20 26	1 2	18 58	0 58	22 43	0 21	13 38	0 47	8 13	1 45	23 16	11 45	11 4	10 41	4 0	14 7	6 35
M 3	16 42	2n28	2 34	16 30	1 50	1 18	1 8	20 16	1 2	19 0	0 58	22 43	0 21	13 39	0 47	8 14	1 45	23 17	11 45	11 4	10 42	3 57	14 6	6 35
T 4	16 24	7 58	3 28	15 51	1 45	1 47	1 15	20 5	1 2	19 1	0 58	22 43	0 21	13 39	0 47	8 14	1 45	23 17	11 45	11 3	10 44	3 53	14 5	6 35
W 5	16 6	13 14	4 13	15 10	1 40	2 17	1 21	19 53	1 2	19 3	0 58	22 44	0 21	13 40	0 47	8 14	1 45	23 18	11 45	11 3	10 45	3 50	14 4	6 35
T 6	15 48	18 5	4 47	14 29	1 35	2 46	1 28	19 42	1 3	19 4	0 58	22 44	0 20	13 41	0 47	8 15	1 44	23 19	11 45	11 2	10 46	3 46	14 3	6 35
F 7	15 29	22 17	5 9	13 46	1 29	3 15	1 35	19 30	1 3	19 5	0 58	22 45	0 20	13 42	0 47	8 15	1 44	23 19	11 46	11 2	10 47	3 43	14 2	6 35
S 8	15 11	25 35	5 17	13 1	1 22	3 44	1 43	19 18	1 3	19 7	0 58	22 45	0 20	13 43	0 47	8 16	1 44	23 20	11 46	11 2	10 48	3 40	14 1	6 35
S 9	14 52	27 39	5 9	12 16	1 14	4 13	1 50	19 6	1 3	19 8	0 58	22 45	0 20	13 44	0 47	8 16	1 44	23 21	11 46	11 3	10 49	3 36	14 0	6 36
M10	14 32	28 12	4 44	11 30	1 6	4 42	1 57	18 54	1 4	19 9	0 58	22 46	0 20	13 45	0 47	8 17	1 44	23 21	11 46	11 3	10 50	3 33	13 58	6 36
T 11	14 13	27 0	4 2	10 43	0 57	5 10	2 5	18 41	1 4	19 10	0 59	22 46	0 20	13 46	0 47	8 17	1 44	23 22	11 46	11 3	10 51	3 30	13 57	6 36
W12	13 53	24 0	3 4	9 55	0 48	5 38	2 12	18 28	1 4	19 12	0 59	22 46	0 20	13 47	0 47	8 18	1 44	23 23	11 46	11 4	10 53	3 26	13 56	6 36
T 13	13 33	19 22	1 51	9 7	0 37	6 6	2 20	18 16	1 4	19 13	0 59	22 47	0 20	13 47	0 47	8 18	1 44	23 23	11 46	11 4	10 54	3 23	13 55	6 36
F 14	13 13	13 27	0 30	8 18	0 26	6 34	2 27	18 2	1 4	19 14	0 59	22 47	0 19	13 48	0 47	8 19	1 44	23 24	11 46	11 4	10 55	3 19	13 54	6 36
S 15	12 53	6 41	0s53	7 30	0 15	7 1	2 35	17 49	1 5	19 15	0 59	22 47	0 19	13 49	0 47	8 19	1 44	23 25	11 46	11 4	10 56	3 16	13 53	6 37
S 16	12 32	0s25	2 13	6 42	0 2	7 29	2 43	17 36	1 5	19 16	0 59	22 48	0 19	13 50	0 47	8 20	1 44	23 25	11 47	11 4	10 57	3 13	13 52	6 37
M17	12 11	7 25	3 23	5 54	0n11	7 55	2 51	17 22	1 5	19 17	0 59	22 48	0 19	13 51	0 47	8 20	1 44	23 26	11 47	11 4	10 58	3 9	13 50	6 37
T 18	11 50	13 52	4 18	5 7	0 24	8 22	2 59	17 8	1 5	19 18	0 59	22 48	0 19	13 52	0 47	8 21	1 44	23 26	11 47	11 4	10 59	3 6	13 49	6 37
W19	11 29	19 25	4 56	4 22	0 38	8 48	3 7	16 54	1 5	19 19	0 59	22 49	0 19	13 53	0 47	8 21	1 44	23 27	11 47	11 4	11 1	3 2	13 48	6 38
T 20	11 8	23 47	5 15	3 38	0 52	9 14	3 15	16 40	1 5	19 20	0 59	22 49	0 19	13 54	0 47	8 22	1 44	23 28	11 47	11 4	11 2	2 59	13 47	6 38
F 21	10 46	26 43	5 16	2 56	1 7	9 40	3 23	16 25	1 5	19 21	1 0	22 49	0 18	13 55	0 47	8 23	1 44	23 28	11 47	11 4	11 3	2 56	13 46	6 38
S 22	10 25	28 7	5 1	2 17	1 22	10 5	3 31	16 11	1 6	19 22	1 0	22 50	0 18	13 55	0 47	8 23	1 44	23 29	11 47	11 4	11 4	2 52	13 45	6 38
S 23	10 3	27 58	4 31	1 40	1 36	10 30	3 39	15 56	1 6	19 22	1 0	22 50	0 18	13 56	0 47	8 24	1 44	23 29	11 47	11 4	11 5	2 49	13 43	6 39
M24	9 41	26 23	3 49	1 7	1 51	10 54	3 48	15 41	1 6	19 23	1 0	22 50	0 18	13 57	0 47	8 24	1 44	23 30	11 47	11 4	11 6	2 46	13 42	6 39
T 25	9 19	23 33	2 56	0 37	2 6	11 19	3 56	15 26	1 6	19 24	1 0	22 50	0 18	13 58	0 47	8 25	1 44	23 30	11 47	11 3	11 7	2 42	13 41	6 39
W26	8 56	19 44	1 57	0 10	2 20	11 42	4 4	15 11	1 6	19 25	1 0	22 51	0 18	13 59	0 47	8 26	1 44	23 31	11 47	11 3	11 8	2 39	13 40	6 39
T 27	8 34	15 9	0 53	0n12	2 33	12 5	4 13	14 56	1 6	19 25	1 0	22 51	0 18	14 0	0 47	8 26	1 43	23 32	11 47	11 3	11 10	2 35	13 39	6 40
F 28	8s11	10s 2	0n13	0n29	2n46	12n28	4n21	14s40	1s 6	19s26	1n 0	22n51	0s18	14n 1	0n47	8n27	1s43	23n32	11n47	11s 3	11s11	2s32	13s37	6n40

Julian Day Number = 2345655.5, Delta T = 11.53 sec
Ecliptic obliquity = 23°28'45, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'35, Lahiri = 19°48'36Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1710
geocentric

MARCH 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 33 26	10♓ 3'16	15♓19	24°R56	22♈14	24♒33	1♐ 9	9°R25	24°R46	26♈ 1	27°R 3	1°R14	0♓50	19♓51	0♒16	S 1
S 2	10 37 22	11° 3'22	27° 7	24♓52	22°51	25°20	1°12	9♋24	24♌43	26° 3	27♌ 1	1♓14	0°47	19°58	0°20	S 2
M 3	10 41 19	12° 3'26	8♈56	24°40	23°27	26° 7	1°15	9°23	24°41	26° 4	27° 0	1°12	0°43	20° 5	0°25	M 3
T 4	10 45 15	13° 3'28	20°48	24°18	24° 1	26°54	1°18	9°22	24°38	26° 6	26°59	1°11	0°40	20°11	0°29	T 4
W 5	10 49 12	14° 3'28	2♉46	23°49	24°33	27°41	1°20	9°22	24°36	26° 8	26°57	1° 9	0°37	20°18	0°33	W 5
T 6	10 53 9	15° 3'26	14°54	23°12	25° 5	28°29	1°23	9°21	24°34	26°10	26°56	1° 7	0°34	20°25	0°37	T 6
F 7	10 57 5	16° 3'21	27°14	22°29	25°34	29°16	1°25	9°20	24°31	26°11	26°54	1° 5	0°31	20°31	0°41	F 7
S 8	11 1 2	17° 3'15	9♊50	21°40	26° 2	0♓ 3	1°27	9°20	24°29	26°13	26°53	1° 5	0°28	20°38	0°45	S 8
S 9	11 4 58	18° 3'07	22°47	20°48	26°28	0°50	1°29	9°20	24°27	26°15	26°51	1°D 4	0°24	20°44	0°49	S 9
M10	11 8 55	19° 2'56	6♋ 7	19°52	26°53	1°37	1°31	9°19	24°24	26°17	26°50	1° 5	0°21	20°51	0°53	M10
T 11	11 12 51	20° 2'43	19°53	18°55	27°16	2°24	1°32	9°D19	24°22	26°19	26°49	1° 6	0°18	20°58	0°57	T 11
W12	11 16 48	21° 2'27	4♌ 5	17°57	27°37	3°12	1°33	9°19	24°20	26°21	26°47	1° 8	0°15	21° 4	1° 1	W12
T 13	11 20 44	22° 2'10	18°42	17° 1	27°55	3°59	1°34	9°19	24°17	26°23	26°46	1° 9	0°12	21°11	1° 4	T 13
F 14	11 24 41	23° 1'50	3♍39	16° 6	28°12	4°46	1°35	9°20	24°15	26°25	26°45	1°R 9	0° 8	21°18	1° 8	F 14
S 15	11 28 38	24° 1'27	18°51	15°15	28°27	5°33	1°36	9°20	24°13	26°27	26°43	1° 8	0° 5	21°24	1°12	S 15
S 16	11 32 34	25° 1'03	4♎ 6	14°27	28°40	6°20	1°37	9°20	24°11	26°29	26°42	1° 6	0° 2	21°31	1°15	S 16
M17	11 36 31	26° 0'37	19°16	13°44	28°50	7° 7	1°37	9°21	24° 9	26°31	26°41	1° 3	29♒59	21°38	1°19	M17
T 18	11 40 27	27° 0'09	4♏10	13° 7	28°59	7°54	1°R37	9°22	24° 7	26°33	26°39	1° 0	29°56	21°44	1°23	T 18
W19	11 44 24	27°59'39	18°41	12°35	29° 5	8°41	1°37	9°22	24° 5	26°35	26°38	0°56	29°53	21°51	1°26	W19
T 20	11 48 20	28°59'08	2♐45	12° 8	29° 8	9°28	1°37	9°23	24° 3	26°37	26°37	0°53	29°49	21°58	1°29	T 20
F 21	11 52 17	29°58'35	16°21	11°48	29°R10	10°16	1°36	9°24	24° 1	26°39	26°36	0°51	29°46	22° 4	1°33	F 21
S 22	11 56 13	0♈58'00	29°29	11°34	29° 8	11° 3	1°36	9°25	23°59	26°41	26°35	0°D50	29°43	22°11	1°36	S 22
S 23	12 0 10	1°57'23	12♑13	11°25	29° 5	11°50	1°35	9°27	23°57	26°43	26°33	0°51	29°40	22°18	1°39	S 23
M24	12 4 7	2°56'44	24°37	11°D23	28°59	12°37	1°34	9°28	23°55	26°45	26°32	0°52	29°37	22°24	1°42	M24
T 25	12 8 3	3°56'04	6♒46	11°26	28°50	13°24	1°33	9°29	23°53	26°47	26°31	0°54	29°34	22°31	1°46	T 25
W26	12 12 0	4°55'21	18°43	11°35	28°39	14°11	1°32	9°31	23°51	26°49	26°30	0°55	29°30	22°38	1°49	W26
T 27	12 15 56	5°54'37	0♓33	11°49	28°26	14°58	1°30	9°33	23°49	26°51	26°29	0°R56	29°27	22°44	1°52	T 27
F 28	12 19 53	6°53'51	12°20	12° 8	28°10	15°45	1°28	9°34	23°48	26°53	26°28	0°55	29°24	22°51	1°55	F 28
S 29	12 23 49	7°53'03	24° 7	12°32	27°52	16°31	1°26	9°36	23°46	26°56	26°27	0°53	29°21	22°58	1°57	S 29
S 30	12 27 46	8°52'13	5♈57	13° 0	27°31	17°18	1°24	9°38	23°44	26°58	26°26	0°48	29°18	23° 4	2° 0	S 30
M31	12 31 42	9♈51'21	17♈50	13♓33	27♈ 8	18♓ 5	1♐22	9♋40	23♌43	27♈ 0	26♌24	0♓42	29♒14	23♓11	2♒ 3	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	7s49	4s36	1n17	0n42	2n58	12n50	4n30	14s24	1s 6	19s26	1n 0	22n51	0s17	14n 1	0n47	8n27	1s43	23n33	11n47	11s 3	11s12	2s29	13s36	6n40
S 2	7 26	0n58	2 19	0 51	3 9	13 12	4 38	14 9	1 6	19 27	1 1	22 51	0 17	14 2	0 47	8 28	1 43	23 33	11 47	11 3	11 13	2 25	13 35	6 41
M 3	7 3	6 31	3 14	0 54	3 18	13 33	4 46	13 53	1 7	19 27	1 1	22 52	0 17	14 3	0 47	8 29	1 43	23 34	11 47	11 4	11 14	2 22	13 34	6 41
T 4	6 40	11 52	4 2	0 53	3 26	13 54	4 55	13 36	1 7	19 28	1 1	22 52	0 17	14 4	0 47	8 29	1 43	23 34	11 47	11 4	11 15	2 19	13 33	6 41
W 5	6 17	16 49	4 39	0 47	3 32	14 14	5 3	13 20	1 7	19 28	1 1	22 52	0 17	14 5	0 47	8 30	1 43	23 35	11 47	11 5	11 16	2 15	13 32	6 42
T 6	5 54	21 10	5 4	0 37	3 37	14 33	5 12	13 4	1 7	19 29	1 1	22 52	0 17	14 5	0 47	8 31	1 43	23 35	11 47	11 6	11 17	2 12	13 30	6 42
F 7	5 31	24 41	5 16	0 22	3 39	14 52	5 20	12 47	1 7	19 29	1 1	22 52	0 17	14 6	0 47	8 31	1 43	23 36	11 47	11 6	11 19	2 8	13 29	6 42
S 8	5 7	27 7	5 13	0 3	3 40	15 10	5 28	12 31	1 7	19 29	1 1	22 53	0 16	14 7	0 47	8 32	1 43	23 36	11 47	11 7	11 20	2 5	13 28	6 43
S 9	4 44	28 11	4 54	0s19	3 38	15 27	5 37	12 14	1 7	19 29	1 1	22 53	0 16	14 8	0 47	8 33	1 43	23 36	11 47	11 7	11 21	2 2	13 27	6 43
M10	4 20	27 39	4 19	0 44	3 34	15 44	5 45	11 57	1 7	19 30	1 1	22 53	0 16	14 9	0 47	8 34	1 43	23 37	11 47	11 6	11 22	1 58	13 26	6 43
T 11	3 57	25 27	3 29	1 11	3 29	16 0	5 53	11 40	1 7	19 30	1 2	22 53	0 16	14 9	0 47	8 34	1 43	23 37	11 47	11 6	11 23	1 55	13 25	6 44
W12	3 33	21 36	2 24	1 41	3 22	16 15	6 1	11 23	1 7	19 30	1 2	22 53	0 16	14 10	0 47	8 35	1 43	23 38	11 47	11 5	11 24	1 52	13 23	6 44
T 13	3 10	16 20	1 8	2 11	3 12	16 29	6 9	11 6	1 7	19 30	1 2	22 53	0 16	14 11	0 47	8 36	1 43	23 38	11 46	11 5	11 25	1 48	13 22	6 44
F 14	2 46	9 58	0s14	2 42	3 2	16 42	6 17	10 49	1 7	19 30	1 2	22 53	0 16	14 12	0 47	8 36	1 43	23 39	11 46	11 5	11 26	1 45	13 21	6 45
S 15	2 23	2 57	1 36	3 12	2 50	16 55	6 24	10 32	1 7	19 30	1 2	22 53	0 16	14 12	0 47	8 37	1 43	23 39	11 46	11 5	11 28	1 41	13 20	6 45
S 16	1 59	4s16	2 52	3 43	2 37	17 6	6 32	10 14	1 7	19 30	1 2	22 54	0 15	14 13	0 47	8 38	1 43	23 39	11 46	11 6	11 29	1 38	13 19	6 45
M17	1 35	11 10	3 55	4 12	2 23	17 17	6 39	9 57	1 7	19 30	1 2	22 54	0 15	14 14	0 47	8 39	1 43	23 40	11 46	11 7	11 30	1 35	13 18	6 46
T 18	1 12	17 19	4 41	4 40	2 9	17 26	6 46	9 39	1 7	19 30	1 2	22 54	0 15	14 14	0 47	8 39	1 43	23 40	11 46	11 8	11 31	1 31	13 17	6 46
W19	0 48	22 19	5 7	5 6	1 54	17 35	6 52	9 21	1 7	19 30	1 2	22 54	0 15	14 15	0 47	8 40	1 43	23 40	11 46	11 10	11 32	1 28	13 15	6 47
T 20	0 24	25 52	5 14	5 30	1 39	17 42	6 59	9 4	1 7	19 30	1 2	22 54	0 15	14 16	0 46	8 41	1 43	23 41	11 46	11 11	11 33	1 25	13 14	6 47
F 21	0 1	27 48	5 3	5 52	1 23	17 48	7 5	8 46	1 7	19 30	1 3	22 54	0 15	14 16	0 46	8 42	1 43	23 41	11 46	11 11	11 34	1 21	13 13	6 47
S 22	0n23	28 5	4 36	6 11	1 8	17 53	7 11	8 28	1 7	19 30	1 3	22 54	0 15	14 17	0 46	8 43	1 43	23 41	11 46	11 12	11 35	1 18	13 12	6 48
S 23	0 47	26 50	3 56	6 29	0 53	17 57	7 16	8 10	1 6	19 29	1 3	22 54	0 15	14 17	0 46	8 43	1 43	23 42	11 45	11 12	11 37	1 14	13 11	6 48
M24	1 10	24 17	3 6	6 43	0 38	17 59	7 21	7 52	1 6	19 29	1 3	22 54	0 14	14 18	0 46	8 44	1 43	23 42	11 45	11 11	11 38	1 11	13 10	6 49
T 25	1 34	20 41	2 9	6 56	0 23	18 0	7 25	7 33	1 6	19 29	1 3	22 54	0 14	14 19	0 46	8 45	1 43	23 42	11 45	11 10	11 39	1 8	13 9	6 49
W26	1 58	16 18	1 6	7 5	0 9	18 0	7 29	7 15	1 6	19 28	1 3	22 54	0 14	14 19	0 46	8 46	1 43	23 43	11 45	11 10	11 40	1 4	13 8	6 50
T 27	2 21	11 20	0 2	7 13	0s 4	17 58	7 33	6 57	1 6	19 28	1 3	22 54	0 14	14 20	0 46	8 46	1 43	23 43	11 45	11 10	11 41	1 1	13 7	6 50
F 28	2 45	5 59	1n 2	7 18	0 18	17 55	7 35	6 39	1 6	19 27	1 3	22 54	0 14	14 20	0 46	8 47	1 43	23 43	11 45	11 10	11 42	0 57	13 6	6 50
S 29	3 8	0 27	2 3	7 20	0 30	17 50	7 38	6 20	1 6	19 27	1 3	22 54	0 14	14 21	0 46	8 48	1 43	23 43	11 45	11 11	11 43	0 54	13 5	6 51
S 30	3 31	5n 6	2 59	7 21	0 43	17 44	7 39	6 2	1 6	19 27	1 3	22 54	0 14	14 21	0 46	8 49	1 43	23 43	11 44	11 12	11 44	0 51	13 4	6 51
M31	3n55	10n31	3n47	7s19	0s54	17n36	7n40	5s43	1s 6	19s26	1n 3	22n54	0s14	14n22	0n46	8n50	1s43	23n44	11n44	11s15	11s45	0s47	13s 3	6n52

Julian Day Number = 2345683.5, Delta T = 11.52 sec
Ecliptic obliquity = 23°28'46, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'39, Lahiri = 19°48'40Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1710
geocentric

APRIL 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 35 39	10♈50'26	29♈50	14♓10	26°R43	18♓52	1°R20	9♋43	23°R41	27♈ 2	26°R23	0°R35	29♒11	23♓18	2♒ 6	T 1
W 2	12 39 36	11°49'30	11♉57	14°50	26♈16	19°39	1♐17	9°45	23♌40	27° 4	26♌23	0♓27	29° 8	23°24	2° 8	W 2
T 3	12 43 32	12°48'32	24°14	15°35	25°47	20°26	1°14	9°47	23°38	27° 7	26°22	0°20	29° 5	23°31	2°11	T 3
F 4	12 47 29	13°47'31	6♊41	16°23	25°16	21°13	1°11	9°50	23°37	27° 9	26°21	0°13	29° 2	23°38	2°13	F 4
S 5	12 51 25	14°46'28	19°22	17°14	24°44	21°59	1° 8	9°52	23°36	27°11	26°20	0° 8	28°59	23°44	2°16	S 5
S 6	12 55 22	15°45'23	2♋19	18° 9	24°10	22°46	1° 5	9°55	23°34	27°13	26°19	0° 6	28°55	23°51	2°18	S 6
M 7	12 59 18	16°44'16	15°34	19° 6	23°34	23°33	1° 1	9°58	23°33	27°15	26°18	0°D 5	28°52	23°58	2°21	M 7
T 8	13 3 15	17°43'06	29°10	20° 6	22°58	24°19	0°58	10° 1	23°32	27°18	26°17	0° 5	28°49	24° 4	2°23	T 8
W 9	13 7 11	18°41'54	13♌ 8	21° 9	22°21	25° 6	0°54	10° 4	23°31	27°20	26°16	0° 6	28°46	24°11	2°25	W 9
T 10	13 11 8	19°40'39	27°29	22°15	21°44	25°53	0°50	10° 7	23°29	27°22	26°15	0°R 7	28°43	24°17	2°27	T 10
F 11	13 15 5	20°39'23	12♍11	23°23	21° 6	26°39	0°45	10°10	23°28	27°24	26°15	0° 6	28°39	24°24	2°29	F 11
S 12	13 19 1	21°38'04	27° 9	24°33	20°28	27°26	0°41	10°14	23°27	27°27	26°14	0° 4	28°36	24°31	2°31	S 12
S 13	13 22 58	22°36'43	12♎15	25°46	19°50	28°12	0°37	10°17	23°26	27°29	26°13	29♒59	28°33	24°37	2°33	S 13
M14	13 26 54	23°35'20	27°22	27° 1	19°13	28°59	0°32	10°20	23°25	27°31	26°13	29°52	28°30	24°44	2°35	M14
T 15	13 30 51	24°33'55	12♏19	28°18	18°36	29°45	0°27	10°24	23°25	27°33	26°12	29°44	28°27	24°51	2°37	T 15
W16	13 34 47	25°32'28	26°56	29°37	18° 0	0♈32	0°22	10°28	23°24	27°36	26°11	29°35	28°24	24°57	2°38	W16
T 17	13 38 44	26°31'00	11♐ 8	0♈59	17°26	1°18	0°17	10°32	23°23	27°38	26°11	29°27	28°20	25° 4	2°40	T 17
F 18	13 42 40	27°29'30	24°52	2°22	16°53	2° 4	0°12	10°35	23°22	27°40	26°10	29°21	28°17	25°11	2°41	F 18
S 19	13 46 37	28°27'58	8♑ 6	3°47	16°21	2°51	0° 7	10°39	23°22	27°42	26° 9	29°17	28°14	25°17	2°43	S 19
S 20	13 50 34	29°26'24	20°54	5°14	15°52	3°37	0° 1	10°43	23°21	27°45	26° 9	29°15	28°11	25°24	2°44	S 20
M21	13 54 30	0♑24'49	3♒20	6°43	15°24	4°23	29♏55	10°48	23°20	27°47	26° 8	29°D14	28° 8	25°31	2°46	M21
T 22	13 58 27	1°23'13	15°28	8°14	14°58	5°10	29°50	10°52	23°20	27°49	26° 8	29°15	28° 5	25°37	2°47	T 22
W23	14 2 23	2°21'35	27°24	9°47	14°34	5°56	29°44	10°56	23°19	27°51	26° 8	29°R16	28° 1	25°44	2°48	W23
T 24	14 6 20	3°19'55	9♓12	11°22	14°13	6°42	29°38	11° 0	23°19	27°54	26° 7	29°15	27°58	25°51	2°49	T 24
F 25	14 10 16	4°18'13	20°59	12°58	13°54	7°28	29°31	11° 5	23°19	27°56	26° 7	29°13	27°55	25°57	2°50	F 25
S 26	14 14 13	5°16'30	2♈47	14°36	13°37	8°14	29°25	11° 9	23°18	27°58	26° 6	29° 8	27°52	26° 4	2°51	S 26
S 27	14 18 9	6°14'45	14°40	16°16	13°22	9° 0	29°19	11°14	23°18	28° 1	26° 6	29° 0	27°49	26°11	2°52	S 27
M28	14 22 6	7°12'59	26°41	17°58	13°10	9°46	29°12	11°19	23°18	28° 3	26° 6	28°50	27°45	26°17	2°53	M28
T 29	14 26 2	8°11'11	8♉52	19°42	13° 1	10°32	29° 6	11°24	23°18	28° 5	26° 5	28°39	27°42	26°24	2°54	T 29
W30	14 29 59	9♉ 9'21	21♉12	21♈27	12♈54	11♈18	28♏59	11♋29	23♌18	28♈ 7	26♌ 5	28♒26	27♒39	26♓31	2♒54	W30

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	4n18	15n35	4n26	7s15	1s 5	17n27	7n40	5s25	1s 5	19s25	1n 4	22n54	0s13	14n22	0n46	8n50	1s43	23n44	11n44	11s17	11s47	0s44	13s 2	6n52
W 2	4 41	20 5	4 53	7 9	1 16	17 17	7 39	5 6	1 5	19 25	1 4	22 54	0 13	14 23	0 46	8 51	1 43	23 44	11 44	11 20	11 48	0 41	13 1	6 53
T 3	5 4	23 49	5 7	7 0	1 25	17 4	7 38	4 48	1 5	19 24	1 4	22 54	0 13	14 23	0 46	8 52	1 42	23 44	11 44	11 22	11 49	0 37	12 59	6 53
F 4	5 27	26 30	5 7	6 50	1 35	16 51	7 36	4 29	1 5	19 23	1 4	22 54	0 13	14 24	0 46	8 53	1 42	23 44	11 44	11 25	11 50	0 34	12 58	6 54
S 5	5 50	27 54	4 52	6 38	1 43	16 36	7 33	4 10	1 5	19 23	1 4	22 54	0 13	14 24	0 46	8 54	1 42	23 45	11 43	11 26	11 51	0 30	12 58	6 54
S 6	6 13	27 49	4 22	6 24	1 51	16 19	7 29	3 52	1 5	19 22	1 4	22 54	0 13	14 25	0 46	8 54	1 42	23 45	11 43	11 27	11 52	0 27	12 57	6 55
M 7	6 35	26 10	3 37	6 8	1 59	16 2	7 24	3 33	1 4	19 21	1 4	22 54	0 13	14 25	0 46	8 55	1 42	23 45	11 43	11 28	11 53	0 24	12 56	6 55
T 8	6 58	22 57	2 39	5 51	2 6	15 43	7 18	3 14	1 4	19 20	1 4	22 53	0 13	14 25	0 46	8 56	1 42	23 45	11 43	11 28	11 54	0 20	12 55	6 56
W 9	7 20	18 21	1 30	5 32	2 12	15 23	7 12	2 56	1 4	19 20	1 4	22 53	0 12	14 26	0 46	8 57	1 42	23 45	11 43	11 27	11 55	0 17	12 54	6 56
T 10	7 43	12 35	0 14	5 11	2 17	15 2	7 5	2 37	1 4	19 19	1 4	22 53	0 12	14 26	0 46	8 58	1 42	23 45	11 42	11 27	11 57	0 14	12 53	6 57
F 11	8 5	6 1	1s 5	4 49	2 22	14 40	6 56	2 18	1 4	19 18	1 4	22 53	0 12	14 26	0 46	8 58	1 42	23 45	11 42	11 27	11 58	0 10	12 52	6 57
S 12	8 27	1s 0	2 20	4 25	2 27	14 17	6 48	2 0	1 3	19 17	1 4	22 53	0 12	14 27	0 46	8 59	1 42	23 45	11 42	11 28	11 59	0 7	12 51	6 57
S 13	8 49	8 1	3 27	4 0	2 31	13 54	6 38	1 41	1 3	19 16	1 4	22 53	0 12	14 27	0 46	9 0	1 42	23 45	11 42	11 30	12 0	0 4	12 50	6 58
M14	9 10	14 34	4 18	3 33	2 34	13 30	6 28	1 22	1 3	19 15	1 4	22 53	0 12	14 27	0 46	9 1	1 42	23 45	11 41	11 32	12 1	0 0	12 49	6 58
T 15	9 32	20 11	4 52	3 5	2 37	13 6	6 17	1 3	1 3	19 14	1 4	22 53	0 12	14 27	0 46	9 2	1 42	23 45	11 41	11 35	12 2	0n 3	12 48	6 59
W16	9 53	24 27	5 5	2 35	2 39	12 41	6 5	0 45	1 2	19 13	1 4	22 52	0 12	14 28	0 46	9 2	1 42	23 45	11 41	11 38	12 3	0 7	12 47	6 59
T 17	10 15	27 5	5 0	2 4	2 41	12 17	5 53	0 26	1 2	19 12	1 5	22 52	0 12	14 28	0 46	9 3	1 42	23 45	11 41	11 41	12 4	0 10	12 47	7 0
F 18	10 36	27 59	4 36	1 32	2 42	11 53	5 40	0 7	1 2	19 10	1 5	22 52	0 11	14 28	0 46	9 4	1 42	23 45	11 41	11 43	12 5	0 13	12 46	7 1
S 19	10 57	27 12	3 59	0 59	2 42	11 28	5 27	0n12	1 2	19 9	1 5	22 52	0 11	14 28	0 46	9 5	1 42	23 45	11 40	11 45	12 6	0 17	12 45	7 1
S 20	11 18	24 59	3 10	0 24	2 42	11 4	5 14	0 30	1 1	19 8	1 5	22 52	0 11	14 29	0 46	9 6	1 42	23 45	11 40	11 45	12 8	0 20	12 44	7 2
M21	11 38	21 37	2 14	0n12	2 42	10 41	5 0	0 49	1 1	19 7	1 5	22 51	0 11	14 29	0 46	9 7	1 42	23 45	11 40	11 45	12 9	0 23	12 43	7 2
T 22	11 59	17 23	1 13	0 49	2 41	10 18	4 47	1 7	1 1	19 6	1 5	22 51	0 11	14 29	0 45	9 7	1 42	23 45	11 40	11 45	12 10	0 27	12 42	7 3
W23	12 19	12 33	0 10	1 27	2 39	9 56	4 32	1 26	1 0	19 4	1 5	22 51	0 11	14 29	0 45	9 8	1 42	23 45	11 39	11 45	12 11	0 30	12 42	7 3
T 24	12 39	7 19	0n53	2 6	2 37	9 35	4 18	1 45	1 0	19 3	1 5	22 51	0 11	14 29	0 45	9 9	1 42	23 45	11 39	11 45	12 12	0 33	12 41	7 4
F 25	12 59	1 51	1 53	2 46	2 34	9 14	4 4	2 3	1 0	19 2	1 5	22 50	0 11	14 29	0 45	9 10	1 42	23 45	11 39	11 46	12 13	0 37	12 40	7 4
S 26	13 18	3n41	2 49	3 27	2 31	8 54	3 50	2 22	0 59	19 0	1 5	22 50	0 11	14 29	0 45	9 11	1 42	23 45	11 39	11 48	12 14	0 40	12 39	7 5
S 27	13 37	9 7	3 37	4 9	2 27	8 36	3 36	2 40	0 59	18 59	1 5	22 50	0 10	14 29	0 45	9 11	1 42	23 45	11 38	11 50	12 15	0 44	12 39	7 5
M28	13 57	14 17	4 16	4 52	2 22	8 18	3 21	2 59	0 59	18 58	1 5	22 50	0 10	14 29	0 45	9 12	1 42	23 45	11 38	11 54	12 16	0 47	12 38	7 6
T 29	14 16	18 57	4 44	5 36	2 18	8 1	3 7	3 17	0 58	18 56	1 5	22 49	0 10	14 29	0 45	9 13	1 42	23 44	11 38	11 58	12 17	0 50	12 37	7 6
W30	14n34	22n54	4n59	6n20	2s12	7n46	2n53	3n35	0s58	18s55	1n 5	22n49	0s10	14n29	0n45	9n14	1s42	23n44	11n38	12s 2	12s19	0n54	12s37	7n 7

Julian Day Number = 2345714.5, Delta T = 11.50 sec
Ecliptic obliquity = 23°28'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'44, Lahiri = 19°48'44Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1710
geocentric

MAY 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 33 56	10♉ 7'30	3♊44	23♈15	12°R49	12♈ 4	28°R52	11♋34	23°D18	28♈ 9	26°R 5	28°R14	27♒36	26♓37	2♒55	T 1
F 2	14 37 52	11° 5'36	16°26	25° 4	12°D47	12°50	28♏45	11°39	23♌18	28°12	26♌ 5	28♒ 3	27°33	26°44	2°56	F 2
S 3	14 41 49	12° 3'41	29°21	26°55	12♈47	13°36	28°38	11°44	23°18	28°14	26° 5	27°54	27°30	26°51	2°56	S 3
S 4	14 45 45	13° 1'44	12♋27	28°48	12°49	14°21	28°31	11°49	23°18	28°16	26° 4	27°48	27°26	26°57	2°56	S 4
M 5	14 49 42	13°59'46	25°47	0♉43	12°54	15° 7	28°24	11°54	23°18	28°18	26° 4	27°45	27°23	27° 4	2°57	M 5
T 6	14 53 38	14°57'45	9♌22	2°39	13° 1	15°53	28°17	12° 0	23°18	28°20	26° 4	27°44	27°20	27°11	2°57	T 6
W 7	14 57 35	15°55'42	23°13	4°38	13°10	16°38	28°10	12° 5	23°19	28°23	26° 4	27°44	27°17	27°17	2°57	W 7
T 8	15 1 32	16°53'38	7♍20	6°38	13°21	17°24	28° 2	12°10	23°19	28°25	26°D 4	27°44	27°14	27°24	2°57	T 8
F 9	15 5 28	17°51'31	21°44	8°39	13°34	18° 9	27°55	12°16	23°19	28°27	26° 4	27°42	27°11	27°31	2°R57	F 9
S 10	15 9 25	18°49'23	6♎21	10°43	13°49	18°55	27°48	12°22	23°20	28°29	26° 4	27°38	27° 7	27°37	2°57	S 10
S 11	15 13 21	19°47'13	21° 7	12°48	14° 7	19°40	27°40	12°27	23°20	28°31	26° 4	27°32	27° 4	27°44	2°57	S 11
M12	15 17 18	20°45'01	5♏56	14°54	14°26	20°26	27°33	12°33	23°21	28°33	26° 4	27°23	27° 1	27°51	2°57	M12
T 13	15 21 14	21°42'48	20°38	17° 2	14°47	21°11	27°25	12°39	23°21	28°36	26° 5	27°12	26°58	27°57	2°57	T 13
W14	15 25 11	22°40'34	5♐ 6	19°11	15° 9	21°56	27°18	12°45	23°22	28°38	26° 5	27° 0	26°55	28° 4	2°56	W14
T 15	15 29 7	23°38'18	19°14	21°21	15°34	22°41	27°10	12°51	23°23	28°40	26° 5	26°49	26°51	28°11	2°56	T 15
F 16	15 33 4	24°36'01	2♑56	23°32	16° 0	23°27	27° 2	12°57	23°24	28°42	26° 5	26°40	26°48	28°17	2°56	F 16
S 17	15 37 1	25°33'43	16°12	25°43	16°27	24°12	26°55	13° 3	23°24	28°44	26° 5	26°34	26°45	28°24	2°55	S 17
S 18	15 40 57	26°31'24	29° 2	27°54	16°57	24°57	26°47	13° 9	23°25	28°46	26° 6	26°30	26°42	28°31	2°54	S 18
M19	15 44 54	27°29'03	11♒30	0♊ 6	17°27	25°42	26°39	13°15	23°26	28°48	26° 6	26°28	26°39	28°37	2°54	M19
T 20	15 48 50	28°26'42	23°40	2°17	17°59	26°27	26°32	13°21	23°27	28°50	26° 6	26°28	26°36	28°44	2°53	T 20
W21	15 52 47	29°24'19	5♓38	4°28	18°33	27°12	26°24	13°28	23°28	28°52	26° 7	26°28	26°32	28°51	2°52	W21
T 22	15 56 43	0♊21'56	17°28	6°38	19° 7	27°57	26°17	13°34	23°29	28°54	26° 7	26°27	26°29	28°57	2°51	T 22
F 23	16 0 40	1°19'32	29°16	8°47	19°43	28°42	26° 9	13°40	23°30	28°56	26° 8	26°24	26°26	29° 4	2°50	F 23
S 24	16 4 36	2°17'06	11♈ 7	10°55	20°21	29°26	26° 1	13°47	23°32	28°58	26° 8	26°19	26°23	29°11	2°49	S 24
S 25	16 8 33	3°14'40	23° 6	13° 1	20°59	0♉11	25°54	13°53	23°33	29° 0	26° 8	26°12	26°20	29°17	2°48	S 25
M26	16 12 30	4°12'13	5♉15	15° 5	21°38	0°56	25°46	14° 0	23°34	29° 2	26° 9	26° 2	26°17	29°24	2°47	M26
T 27	16 16 26	5° 9'45	17°36	17° 8	22°19	1°40	25°39	14° 7	23°35	29° 4	26° 9	25°50	26°13	29°31	2°46	T 27
W28	16 20 23	6° 7'15	0♊11	19° 8	23° 0	2°25	25°31	14°13	23°37	29° 6	26°10	25°37	26°10	29°37	2°45	W28
T 29	16 24 19	7° 4'45	13° 0	21° 6	23°43	3° 9	25°24	14°20	23°38	29° 8	26°11	25°24	26° 7	29°44	2°43	T 29
F 30	16 28 16	8° 2'14	26° 3	23° 2	24°26	3°54	25°17	14°27	23°40	29° 9	26°11	25°13	26° 4	29°51	2°42	F 30
S 31	16 32 12	8♊59'42	9♋17	24♊55	25♈11	4♉38	25♏ 9	14♋34	23♌41	29♈11	26♌12	25♒ 4	26♒ 1	29♓57	2♒40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		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	14n53	25n50	5n 0	7n 5	2s 6	7n31	2n40	3n53	0s58	18s53	1n 5	22n49	0s10	14n29	0n45	9n14	1s42	23n44	11n37	12s 7	12s20	0n57	12s36	7n 7	T 1
F 2	15 11	27 32	4 46	7 51	2 0	7 18	2 26	4 12	0 57	18 52	1 5	22 48	0 10	14 29	0 45	9 15	1 43	23 44	11 37	12 10	12 21	1 0	12 35	7 8	F 2
S 3	15 29	27 47	4 18	8 38	1 53	7 6	2 13	4 30	0 57	18 50	1 5	22 48	0 10	14 29	0 45	9 16	1 43	23 44	11 37	12 13	12 22	1 4	12 35	7 8	S 3
S 4	15 47	26 28	3 35	9 25	1 46	6 55	2 0	4 48	0 57	18 49	1 5	22 48	0 10	14 29	0 45	9 17	1 43	23 44	11 36	12 15	12 23	1 7	12 34	7 9	S 4
M 5	16 4	23 39	2 41	10 12	1 38	6 45	1 47	5 6	0 56	18 47	1 5	22 47	0 10	14 29	0 45	9 18	1 43	23 43	11 36	12 16	12 24	1 10	12 34	7 9	M 5
T 6	16 21	19 29	1 36	11 0	1 30	6 36	1 35	5 24	0 56	18 46	1 5	22 47	0 9	14 29	0 45	9 18	1 43	23 43	11 36	12 17	12 25	1 14	12 33	7 10	T 6
W 7	16 38	14 11	0 24	11 49	1 21	6 28	1 22	5 42	0 55	18 44	1 4	22 46	0 9	14 29	0 45	9 19	1 43	23 43	11 36	12 17	12 26	1 17	12 33	7 10	W 7
T 8	16 55	8 3	0s51	12 37	1 12	6 22	1 10	6 0	0 55	18 43	1 4	22 46	0 9	14 29	0 45	9 20	1 43	23 43	11 35	12 17	12 27	1 21	12 32	7 11	T 8
F 9	17 11	1 24	2 3	13 25	1 3	6 16	0 59	6 17	0 55	18 41	1 4	22 46	0 9	14 28	0 45	9 21	1 43	23 42	11 35	12 17	12 28	1 24	12 32	7 11	F 9
S 10	17 27	5s25	3 9	14 13	0 53	6 11	0 47	6 35	0 54	18 39	1 4	22 45	0 9	14 28	0 45	9 21	1 43	23 42	11 35	12 19	12 29	1 27	12 31	7 12	S 10
S 11	17 43	12 0	4 3	15 1	0 43	6 8	0 36	6 53	0 54	18 38	1 4	22 45	0 9	14 28	0 45	9 22	1 43	23 42	11 35	12 21	12 31	1 31	12 31	7 12	S 11
M12	17 58	17 55	4 40	15 48	0 33	6 6	0 26	7 10	0 53	18 36	1 4	22 44	0 9	14 28	0 45	9 23	1 43	23 42	11 34	12 24	12 32	1 34	12 30	7 13	M12
T 13	18 13	22 44	4 59	16 35	0 23	6 4	0 15	7 28	0 53	18 35	1 4	22 44	0 9	14 28	0 45	9 24	1 43	23 41	11 34	12 28	12 33	1 37	12 30	7 13	T 13
W14	18 28	26 4	4 58	17 21	0 12	6 4	0 5	7 45	0 52	18 33	1 4	22 43	0 9	14 27	0 45	9 24	1 43	23 41	11 34	12 32	12 34	1 41	12 29	7 14	W14
T 15	18 43	27 40	4 38	18 6	0 2	6 4	0s 4	8 2	0 52	18 31	1 4	22 43	0 8	14 27	0 45	9 25	1 43	23 41	11 34	12 36	12 35	1 44	12 29	7 14	T 15
F 16	18 57	27 30	4 3	18 50	0n 9	6 5	0 14	8 19	0 52	18 30	1 4	22 43	0 8	14 27	0 45	9 26	1 43	23 40	11 33	12 39	12 36	1 47	12 28	7 15	F 16
S 17	19 11	25 44	3 16	19 32	0 19	6 8	0 23	8 36	0 51	18 28	1 4	22 42	0 8	14 26	0 45	9 26	1 43	23 40	11 33	12 41	12 37	1 51	12 28	7 15	S 17
S 18	19 25	22 40	2 20	20 13	0 30	6 11	0 32	8 53	0 51	18 26	1 4	22 42	0 8	14 26	0 45	9 27	1 43	23 40	11 33	12 42	12 38	1 54	12 28	7 16	S 18
M19	19 38	18 37	1 18	20 51	0 40	6 15	0 40	9 10	0 50	18 25	1 4	22 41	0 8	14 26	0 44	9 28	1 43	23 39	11 32	12 43	12 39	1 57	12 27	7 16	M19
T 20	19 51	13 53	0 15	21 28	0 50	6 19	0 48	9 27	0 50	18 23	1 3	22 41	0 8	14 25	0 44	9 28	1 43	23 39	11 32	12 43	12 40	2 1	12 27	7 17	T 20
W21	20 3	8 43	0n48	22 2	0 59	6 25	0 56	9 44	0 49	18 21	1 3	22 40	0 8	14 25	0 44	9 29	1 43	23 39	11 32	12 43	12 41	2 4	12 27	7 17	W21
T 22	20 16	3 17	1 49	22 34	1 8	6 31	1 4	10 0	0 49	18 20	1 3	22 39	0 8	14 25	0 44	9 30	1 43	23 38	11 32	12 43	12 42	2 7	12 26	7 18	T 22
F 23	20 28	2n13	2 44	23 4	1 17	6 38	1 11	10 17	0 48	18 18	1 3	22 39	0 8	14 24	0 44	9 31	1 43	23 38	11 31	12 44	12 44	2 11	12 26	7 18	F 23
S 24	20 39	7 40	3 33	23 31	1 25	6 45	1 18	10 33	0 48	18 16	1 3	22 38	0 8	14 24	0 44	9 31	1 43	23 37	11 31	12 46	12 45	2 14	12 26	7 19	S 24
S 25	20 50	12 54	4 13	23 55	1 32	6 53	1 25	10 49	0 47	18 15	1 3	22 38	0 7	14 23	0 44	9 32	1 43	23 37	11 31	12 48	12 46	2 17	12 26	7 19	S 25
M26	21 1	17 42	4 41	24 17	1 39	7 2	1 31	11 5	0 47	18 13	1 3	22 37	0 7	14 23	0 44	9 32	1 43	23 36	11 31	12 52	12 47	2 21	12 26	7 20	M26
T 27	21 12	21 52	4 57	24 36	1 45	7 12	1 38	11 21	0 46	18 11	1 3	22 37	0 7	14 22	0 44	9 33	1 43	23 36	11 30	12 56	12 48	2 24	12 25	7 20	T 27
W28	21 22	25 6	4 59	24 52	1 50	7 21	1 43	11 37	0 46	18 10	1 3	22 36	0 7	14 22	0 44	9 34	1 43	23 36	11 30	13 0	12 49	2 27	12 25	7 21	W28
T 29	21 32	27 8	4 47	25 6	1 55	7 32	1 49	11 53	0 45	18 8	1 2	22 35	0 7	14 21	0 44	9 34	1 43	23 35	11 30	13 4	12 50	2 31	12 25	7 21	T 29
F 30	21 41	27 44	4 19	25 17	1 59	7 43	1 55	12 8	0 45	18 6	1 2	22 35	0 7	14 21	0 44	9 35	1 43	23 35	11 29	13 8	12 51	2 34	12 25	7 22	F 30
S 31	21n50	26n45	3n36	25n25	2n 2	7n54	2s 0	12n24	0s44	18s 5	1n 2	22n34	0s 7	14n20	0n44	9n36	1s43	23n34	11n29	13s11	12s52	2n37	12s25	7n22	S 31

Julian Day Number = 2345744.5, Delta T = 11.49 sec
Ecliptic obliquity = 23°28'45, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'48, Lahiri = 19°48'48Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1710
geocentric

JUNE 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 9	9♊57'09	22♋43	26♊46	25♈56	5♉23	25°R 2	14♋40	23♌43	29♈13	26♌13	24°R58	25♒57	0♈ 4	2°R39	S 1
M 2	16 40 5	10°54'35	6♌19	28°34	26°42	6° 7	24♏55	14°47	23°45	29°15	26°13	24♒55	25°54	0°11	2♒37	M 2
T 3	16 44 2	11°51'59	20° 4	0♋20	27°29	6°51	24°48	14°54	23°46	29°17	26°14	24°D54	25°51	0°17	2°35	T 3
W 4	16 47 59	12°49'23	3♍58	2° 3	28°17	7°35	24°41	15° 1	23°48	29°19	26°15	24°54	25°48	0°24	2°34	W 4
T 5	16 51 55	13°46'45	18° 2	3°44	29° 5	8°19	24°34	15° 8	23°50	29°20	26°16	24°R54	25°45	0°31	2°32	T 5
F 6	16 55 52	14°44'06	2♎14	5°21	29°54	9° 3	24°27	15°15	23°52	29°22	26°16	24°53	25°42	0°37	2°30	F 6
S 7	16 59 48	15°41'25	16°33	6°57	0♉44	9°47	24°21	15°23	23°53	29°24	26°17	24°49	25°38	0°44	2°28	S 7
S 8	17 3 45	16°38'44	0♏56	8°29	1°34	10°31	24°14	15°30	23°55	29°25	26°18	24°44	25°35	0°51	2°26	S 8
M 9	17 7 41	17°36'02	15°19	9°59	2°25	11°15	24° 7	15°37	23°57	29°27	26°19	24°36	25°32	0°57	2°24	M 9
T 10	17 11 38	18°33'20	29°37	11°26	3°17	11°59	24° 1	15°44	23°59	29°29	26°20	24°26	25°29	1° 4	2°22	T 10
W11	17 15 34	19°30'36	13♐43	12°50	4°10	12°43	23°55	15°51	24° 1	29°30	26°21	24°16	25°26	1°11	2°20	W11
T 12	17 19 31	20°27'52	27°33	14°11	5° 2	13°26	23°49	15°59	24° 3	29°32	26°22	24° 7	25°23	1°17	2°18	T 12
F 13	17 23 28	21°25'07	11♑ 3	15°29	5°56	14°10	23°43	16° 6	24° 6	29°33	26°23	23°58	25°19	1°24	2°15	F 13
S 14	17 27 24	22°22'22	24°12	16°45	6°50	14°54	23°37	16°13	24° 8	29°35	26°24	23°53	25°16	1°31	2°13	S 14
S 15	17 31 21	23°19'37	6♒58	17°58	7°45	15°37	23°31	16°21	24°10	29°36	26°25	23°49	25°13	1°37	2°11	S 15
M16	17 35 17	24°16'51	19°25	19° 7	8°40	16°21	23°25	16°28	24°12	29°38	26°26	23°D48	25°10	1°44	2° 8	M16
T 17	17 39 14	25°14'05	1♓36	20°14	9°35	17° 4	23°19	16°35	24°15	29°39	26°27	23°48	25° 7	1°51	2° 6	T 17
W18	17 43 10	26°11'18	13°34	21°17	10°31	17°47	23°14	16°43	24°17	29°41	26°28	23°49	25° 3	1°57	2° 3	W18
T 19	17 47 7	27° 8'32	25°26	22°17	11°28	18°31	23° 9	16°50	24°19	29°42	26°29	23°R49	25° 0	2° 4	2° 1	T 19
F 20	17 51 3	28° 5'45	7♈16	23°14	12°25	19°14	23° 4	16°58	24°22	29°44	26°31	23°49	24°57	2°11	1°58	F 20
S 21	17 55 0	29° 2'58	19°10	24° 7	13°22	19°57	22°59	17° 5	24°24	29°45	26°32	23°46	24°54	2°17	1°55	S 21
S 22	17 58 57	0♋ 0'12	1♉12	24°57	14°20	20°40	22°54	17°13	24°27	29°46	26°33	23°42	24°51	2°24	1°53	S 22
M23	18 2 53	0°57'25	13°26	25°43	15°18	21°23	22°49	17°21	24°29	29°48	26°34	23°36	24°48	2°31	1°50	M23
T 24	18 6 50	1°54'38	25°56	26°26	16°17	22° 6	22°44	17°28	24°32	29°49	26°36	23°28	24°44	2°38	1°47	T 24
W25	18 10 46	2°51'51	8♊43	27° 5	17°16	22°49	22°40	17°36	24°34	29°50	26°37	23°20	24°41	2°44	1°44	W25
T 26	18 14 43	3°49'05	21°48	27°39	18°15	23°32	22°36	17°43	24°37	29°51	26°38	23°11	24°38	2°51	1°41	T 26
F 27	18 18 39	4°46'18	5♋10	28°10	19°14	24°14	22°32	17°51	24°40	29°53	26°40	23° 3	24°35	2°58	1°38	F 27
S 28	18 22 36	5°43'31	18°47	28°36	20°14	24°57	22°28	17°59	24°42	29°54	26°41	22°57	24°32	3° 4	1°35	S 28
S 29	18 26 33	6°40'44	2♌37	28°58	21°15	25°40	22°24	18° 6	24°45	29°55	26°42	22°54	24°29	3°11	1°32	S 29
M30	18 30 29	7♋37'56	16♌36	29♋16	22♉15	26♉22	22♏20	18♋14	24♌48	29♈56	26♌44	22°D52	24♒25	3♈18	1♒29	M30

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	21n59	24n13	2n42	25n31	2n 5	8n 6	2s 5	12n39	0s43	18s 3	1n 2	22n33	0s 7	14n20	0n44	9n36	1s43	23n34	11n29	13s13	12s53	2n41	12s25	7n23
M 2	22 7	20 17	1 37	25 34	2 6	8 18	2 9	12 54	0 43	18 2	1 2	22 33	0 7	14 19	0 44	9 37	1 43	23 33	11 29	13 14	12 54	2 44	12 25	7 23
T 3	22 15	15 13	0 26	25 36	2 7	8 31	2 14	13 9	0 42	18 0	1 2	22 32	0 7	14 19	0 44	9 37	1 43	23 33	11 28	13 15	12 55	2 47	12 25	7 23
W 4	22 22	9 19	0s48	25 35	2 7	8 44	2 18	13 24	0 42	17 59	1 1	22 31	0 7	14 18	0 44	9 38	1 43	23 32	11 28	13 15	12 56	2 51	12 25	7 24
T 5	22 30	2 54	2 0	25 32	2 6	8 57	2 22	13 39	0 41	17 57	1 1	22 31	0 6	14 17	0 44	9 39	1 43	23 32	11 28	13 15	12 58	2 54	12 25	7 24
F 6	22 36	3s43	3 5	25 27	2 5	9 11	2 26	13 54	0 41	17 56	1 1	22 30	0 6	14 17	0 44	9 39	1 44	23 31	11 28	13 15	12 59	2 57	12 25	7 25
S 7	22 43	10 11	3 58	25 20	2 3	9 25	2 30	14 8	0 40	17 54	1 1	22 29	0 6	14 16	0 44	9 40	1 44	23 31	11 27	13 16	13 0	3 1	12 25	7 25
S 8	22 48	16 9	4 37	25 12	2 0	9 39	2 33	14 23	0 39	17 53	1 1	22 29	0 6	14 15	0 44	9 40	1 44	23 30	11 27	13 18	13 1	3 4	12 25	7 26
M 9	22 54	21 13	4 59	25 2	1 56	9 53	2 36	14 37	0 39	17 51	1 1	22 28	0 6	14 15	0 44	9 41	1 44	23 30	11 27	13 21	13 2	3 7	12 25	7 26
T 10	22 59	25 0	5 2	24 51	1 52	10 8	2 39	14 51	0 38	17 50	1 0	22 27	0 6	14 14	0 44	9 41	1 44	23 29	11 27	13 24	13 3	3 11	12 25	7 26
W11	23 4	27 13	4 46	24 38	1 47	10 23	2 42	15 5	0 38	17 49	1 0	22 26	0 6	14 13	0 44	9 42	1 44	23 28	11 26	13 27	13 4	3 14	12 25	7 27
T 12	23 8	27 41	4 13	24 24	1 41	10 38	2 44	15 19	0 37	17 47	1 0	22 26	0 6	14 13	0 44	9 42	1 44	23 28	11 26	13 30	13 5	3 17	12 25	7 27
F 13	23 12	26 28	3 27	24 9	1 34	10 54	2 47	15 32	0 36	17 46	1 0	22 25	0 6	14 12	0 44	9 43	1 44	23 27	11 26	13 33	13 6	3 21	12 25	7 27
S 14	23 16	23 47	2 31	23 52	1 27	11 9	2 49	15 46	0 36	17 45	1 0	22 24	0 6	14 11	0 44	9 43	1 44	23 27	11 26	13 35	13 7	3 24	12 25	7 28
S 15	23 19	19 59	1 29	23 35	1 20	11 25	2 51	15 59	0 35	17 43	0 59	22 23	0 5	14 10	0 44	9 44	1 44	23 26	11 26	13 36	13 8	3 27	12 25	7 28
M16	23 21	15 24	0 23	23 17	1 11	11 41	2 53	16 12	0 35	17 42	0 59	22 22	0 5	14 10	0 43	9 44	1 44	23 26	11 25	13 37	13 9	3 30	12 26	7 29
T 17	23 24	10 17	0n42	22 59	1 2	11 57	2 54	16 25	0 34	17 41	0 59	22 22	0 5	14 9	0 43	9 45	1 44	23 25	11 25	13 37	13 10	3 34	12 26	7 29
W18	23 25	4 52	1 44	22 39	0 52	12 13	2 56	16 38	0 33	17 40	0 59	22 21	0 5	14 8	0 43	9 45	1 44	23 24	11 25	13 36	13 11	3 37	12 26	7 29
T 19	23 27	0n39	2 41	22 20	0 42	12 29	2 57	16 50	0 33	17 39	0 59	22 20	0 5	14 7	0 43	9 46	1 44	23 24	11 25	13 36	13 12	3 40	12 26	7 30
F 20	23 28	6 7	3 31	21 59	0 31	12 45	2 58	17 3	0 32	17 38	0 58	22 19	0 5	14 6	0 43	9 46	1 44	23 23	11 24	13 36	13 14	3 44	12 26	7 30
S 21	23 29	11 24	4 13	21 39	0 20	13 2	2 59	17 15	0 31	17 37	0 58	22 18	0 5	14 5	0 43	9 47	1 44	23 22	11 24	13 37	13 15	3 47	12 27	7 30
S 22	23 29	16 20	4 43	21 18	0 8	13 18	3 0	17 27	0 31	17 36	0 58	22 17	0 5	14 5	0 43	9 47	1 44	23 22	11 24	13 38	13 16	3 50	12 27	7 30
M23	23 29	20 41	5 2	20 58	0s 5	13 34	3 1	17 39	0 30	17 35	0 58	22 16	0 5	14 4	0 43	9 47	1 44	23 21	11 24	13 41	13 17	3 54	12 27	7 31
T 24	23 28	24 13	5 6	20 37	0 18	13 50	3 1	17 51	0 29	17 34	0 57	22 16	0 5	14 3	0 43	9 48	1 44	23 21	11 24	13 43	13 18	3 57	12 28	7 31
W25	23 27	26 39	4 56	20 16	0 31	14 6	3 2	18 3	0 29	17 33	0 57	22 15	0 5	14 2	0 43	9 48	1 44	23 20	11 23	13 46	13 19	4 0	12 28	7 31
T 26	23 25	27 42	4 30	19 56	0 45	14 23	3 2	18 14	0 28	17 32	0 57	22 14	0 5	14 1	0 43	9 49	1 44	23 19	11 23	13 49	13 20	4 4	12 28	7 32
F 27	23 24	27 11	3 48	19 36	0 59	14 39	3 2	18 25	0 27	17 31	0 57	22 13	0 4	14 0	0 43	9 49	1 45	23 19	11 23	13 51	13 21	4 7	12 29	7 32
S 28	23 21	25 1	2 53	19 16	1 14	14 55	3 2	18 36	0 27	17 30	0 57	22 12	0 4	13 59	0 43	9 49	1 45	23 18	11 23	13 53	13 22	4 10	12 29	7 32
S 29	23 19	21 21	1 47	18 57	1 29	15 10	3 2	18 47	0 26	17 30	0 56	22 11	0 4	13 58	0 43	9 50	1 45	23 17	11 23	13 54	13 23	4 13	12 29	7 32
M30	23n16	16n25	0n34	18n39	1s44	15n26	3s 2	18n58	0s25	17s29	0n56	22n10	0s 4	13n57	0n43	9n50	1s45	23n17	11n22	13s55	13s24	4n17	12s30	7n33

Julian Day Number = 2345775.5, Delta T = 11.47 sec
Ecliptic obliquity = 23°28'44, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'52, Lahiri = 19°48'52Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1710
geocentric

JULY 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 34 26	8♋35'09	0♍42	29♋29	23♌16	27♌ 5	22°R17	18♋22	24♎51	29♈57	26♎45	22♒52	24♒22	3♈24	1°R26	T 1
W 2	18 38 22	9°32'21	14°51	29°38	24°17	27°47	22♏14	18°30	24°54	29°58	26°47	22°53	24°19	3°31	1♒23	W 2
T 3	18 42 19	10°29'33	29° 3	29°R41	25°19	28°29	22°11	18°37	24°57	29°59	26°48	22°54	24°16	3°38	1°20	T 3
F 4	18 46 15	11°26'44	13♎14	29°40	26°21	29°12	22° 8	18°45	25° 0	0♌ 0	26°49	22°R55	24°13	3°44	1°17	F 4
S 5	18 50 12	12°23'56	27°23	29°35	27°23	29°54	22° 5	18°53	25° 3	0° 1	26°51	22°54	24° 9	3°51	1°14	S 5
S 6	18 54 8	13°21'07	11♏29	29°24	28°25	0♍36	22° 2	19° 1	25° 6	0° 2	26°52	22°51	24° 6	3°58	1°11	S 6
M 7	18 58 5	14°18'19	25°29	29°10	29°27	1°18	22° 0	19° 8	25° 9	0° 3	26°54	22°47	24° 3	4° 4	1° 7	M 7
T 8	19 2 2	15°15'30	9♐20	28°50	0♍30	2° 0	21°58	19°16	25°12	0° 4	26°56	22°42	24° 0	4°11	1° 4	T 8
W 9	19 5 58	16°12'42	22°59	28°27	1°33	2°42	21°56	19°24	25°15	0° 5	26°57	22°36	23°57	4°18	1° 1	W 9
T 10	19 9 55	17° 9'53	6♑25	27°59	2°36	3°24	21°54	19°32	25°18	0° 6	26°59	22°30	23°54	4°24	0°57	T 10
F 11	19 13 51	18° 7'05	19°35	27°28	3°40	4° 6	21°52	19°40	25°21	0° 6	27° 0	22°26	23°50	4°31	0°54	F 11
S 12	19 17 48	19° 4'17	2♒27	26°54	4°44	4°47	21°51	19°47	25°24	0° 7	27° 2	22°23	23°47	4°38	0°51	S 12
S 13	19 21 44	20° 1'30	15° 4	26°18	5°48	5°29	21°50	19°55	25°27	0° 8	27° 4	22°21	23°44	4°44	0°47	S 13
M14	19 25 41	20°58'43	27°24	25°39	6°52	6°10	21°48	20° 3	25°31	0° 9	27° 5	22°D21	23°41	4°51	0°44	M14
T 15	19 29 37	21°55'57	9♓32	24°59	7°56	6°52	21°47	20°11	25°34	0° 9	27° 7	22°22	23°38	4°58	0°41	T 15
W16	19 33 34	22°53'11	21°29	24°17	9° 1	7°33	21°47	20°19	25°37	0°10	27° 9	22°24	23°35	5° 4	0°37	W16
T 17	19 37 31	23°50'26	3♈21	23°36	10° 6	8°15	21°46	20°26	25°40	0°10	27°10	22°25	23°31	5°11	0°34	T 17
F 18	19 41 27	24°47'42	15°12	22°56	11°11	8°56	21°46	20°34	25°44	0°11	27°12	22°26	23°28	5°18	0°30	F 18
S 19	19 45 24	25°44'58	27° 6	22°17	12°16	9°37	21°45	20°42	25°47	0°12	27°14	22°R27	23°25	5°24	0°27	S 19
S 20	19 49 20	26°42'16	9♉ 9	21°40	13°21	10°18	21°D45	20°50	25°51	0°12	27°16	22°26	23°22	5°31	0°24	S 20
M21	19 53 17	27°39'34	21°25	21° 6	14°27	10°59	21°46	20°57	25°54	0°12	27°17	22°24	23°19	5°38	0°20	M21
T 22	19 57 13	28°36'54	3♊57	20°35	15°33	11°40	21°46	21° 5	25°57	0°13	27°19	22°22	23°15	5°45	0°17	T 22
W23	20 1 10	29°34'14	16°50	20° 8	16°39	12°21	21°46	21°13	26° 1	0°13	27°21	22°19	23°12	5°51	0°13	W23
T 24	20 5 6	0♌31'36	0♋ 4	19°46	17°45	13° 2	21°47	21°21	26° 4	0°14	27°23	22°15	23° 9	5°58	0°10	T 24
F 25	20 9 3	1°28'58	13°41	19°29	18°51	13°43	21°48	21°28	26° 8	0°14	27°25	22°12	23° 6	6° 5	0° 6	F 25
S 26	20 13 0	2°26'21	27°37	19°17	19°58	14°24	21°49	21°36	26°11	0°14	27°26	22°10	23° 3	6°11	0° 3	S 26
S 27	20 16 56	3°23'45	11♌50	19°D11	21° 4	15° 4	21°50	21°44	26°15	0°15	27°28	22° 9	23° 0	6°18	29♑59	S 27
M28	20 20 53	4°21'09	26°15	19°11	22°11	15°45	21°52	21°51	26°18	0°15	27°30	22°D 9	22°56	6°25	29°56	M28
T 29	20 24 49	5°18'35	10♍46	19°17	23°18	16°25	21°53	21°59	26°22	0°15	27°32	22° 9	22°53	6°31	29°53	T 29
W30	20 28 46	6°16'01	25°19	19°30	24°25	17° 6	21°55	22° 7	26°25	0°15	27°34	22°11	22°50	6°38	29°49	W30
T 31	20 32 42	7♌13'27	9♎48	19♋49	25♍32	17♍46	21♏57	22♋14	26♎29	0♌15	27♌36	22♒12	22♒47	6♈45	29♑46	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	23n12	10n35	0s42	18n21	1s59	15n42	3s 1	19n 8	0s25	17s28	0n56	22n 9	0s 4	13n56	0n43	9n50	1s45	23n16	11n22	13s55	13s25	4n20	12s30	7n33
W 2	23 8	4 11	1 56	18 5	2 14	15 57	3 1	19 19	0 24	17 28	0 56	22 8	0 4	13 55	0 43	9 51	1 45	23 15	11 22	13 55	13 26	4 23	12 31	7 33
T 3	23 4	2s25	3 3	17 49	2 29	16 13	3 0	19 29	0 23	17 27	0 55	22 7	0 4	13 54	0 43	9 51	1 45	23 15	11 22	13 54	13 27	4 27	12 31	7 33
F 4	22 59	8 54	3 59	17 34	2 45	16 28	2 59	19 39	0 22	17 27	0 55	22 6	0 4	13 53	0 43	9 51	1 45	23 14	11 22	13 54	13 28	4 30	12 32	7 33
S 5	22 54	14 55	4 40	17 21	3 0	16 43	2 58	19 49	0 22	17 26	0 55	22 5	0 4	13 52	0 43	9 52	1 45	23 13	11 22	13 54	13 29	4 33	12 32	7 34
S 6	22 48	20 7	5 4	17 8	3 14	16 58	2 57	19 58	0 21	17 26	0 55	22 4	0 4	13 51	0 43	9 52	1 45	23 12	11 21	13 55	13 31	4 36	12 33	7 34
M 7	22 43	24 10	5 10	16 57	3 29	17 12	2 56	20 7	0 20	17 25	0 54	22 3	0 4	13 50	0 43	9 52	1 45	23 12	11 21	13 57	13 32	4 40	12 33	7 34
T 8	22 36	26 47	4 57	16 48	3 42	17 27	2 55	20 17	0 19	17 25	0 54	22 2	0 3	13 49	0 43	9 52	1 45	23 11	11 21	13 58	13 33	4 43	12 34	7 34
W 9	22 30	27 45	4 28	16 40	3 55	17 41	2 53	20 26	0 19	17 25	0 54	22 1	0 3	13 48	0 43	9 53	1 45	23 10	11 21	14 0	13 34	4 46	12 34	7 34
T 10	22 22	27 3	3 44	16 34	4 7	17 54	2 52	20 34	0 18	17 24	0 54	22 0	0 3	13 47	0 43	9 53	1 45	23 10	11 21	14 2	13 35	4 50	12 35	7 34
F 11	22 15	24 50	2 49	16 29	4 18	18 8	2 50	20 43	0 17	17 24	0 53	21 59	0 3	13 46	0 43	9 53	1 45	23 9	11 21	14 4	13 36	4 53	12 35	7 34
S 12	22 7	21 22	1 47	16 26	4 28	18 21	2 49	20 51	0 17	17 24	0 53	21 58	0 3	13 45	0 43	9 53	1 45	23 8	11 21	14 5	13 37	4 56	12 36	7 35
S 13	21 59	16 59	0 40	16 24	4 36	18 34	2 47	21 0	0 16	17 24	0 53	21 57	0 3	13 44	0 43	9 53	1 45	23 8	11 20	14 5	13 38	4 59	12 37	7 35
M14	21 50	11 58	0n28	16 24	4 44	18 47	2 45	21 8	0 15	17 24	0 53	21 56	0 3	13 43	0 43	9 54	1 46	23 7	11 20	14 5	13 39	5 3	12 37	7 35
T 15	21 41	6 35	1 33	16 26	4 49	18 59	2 43	21 15	0 14	17 24	0 52	21 55	0 3	13 41	0 43	9 54	1 46	23 6	11 20	14 5	13 40	5 6	12 38	7 35
W16	21 32	1 2	2 33	16 29	4 53	19 11	2 41	21 23	0 13	17 24	0 52	21 54	0 3	13 40	0 43	9 54	1 46	23 5	11 20	14 4	13 41	5 9	12 38	7 35
T 17	21 22	4n29	3 26	16 34	4 55	19 23	2 39	21 31	0 13	17 24	0 52	21 53	0 3	13 39	0 43	9 54	1 46	23 5	11 20	14 4	13 42	5 12	12 39	7 35
F 18	21 12	9 50	4 10	16 40	4 56	19 34	2 37	21 38	0 12	17 24	0 52	21 52	0 3	13 38	0 43	9 54	1 46	23 4	11 20	14 3	13 43	5 16	12 40	7 35
S 19	21 2	14 52	4 44	16 47	4 55	19 45	2 34	21 45	0 11	17 24	0 51	21 50	0 2	13 37	0 43	9 54	1 46	23 3	11 20	14 3	13 44	5 19	12 40	7 35
S 20	20 51	19 24	5 6	16 56	4 52	19 56	2 32	21 52	0 10	17 25	0 51	21 49	0 2	13 36	0 43	9 54	1 46	23 3	11 20	14 3	13 45	5 22	12 41	7 35
M21	20 40	23 12	5 14	17 5	4 47	20 6	2 29	21 58	0 10	17 25	0 51	21 48	0 2	13 35	0 43	9 55	1 46	23 2	11 20	14 4	13 46	5 25	12 42	7 35
T 22	20 28	26 1	5 8	17 16	4 41	20 15	2 27	22 5	0 9	17 25	0 51	21 47	0 2	13 33	0 43	9 55	1 46	23 1	11 19	14 5	13 47	5 29	12 42	7 35
W23	20 16	27 34	4 46	17 27	4 33	20 25	2 24	22 11	0 8	17 26	0 50	21 46	0 2	13 32	0 43	9 55	1 46	23 0	11 19	14 6	13 48	5 32	12 43	7 35
T 24	20 4	27 37	4 9	17 40	4 24	20 34	2 22	22 17	0 7	17 26	0 50	21 45	0 2	13 31	0 43	9 55	1 46	23 0	11 19	14 7	13 49	5 35	12 44	7 35
F 25	19 52	26 2	3 16	17 52	4 14	20 42	2 19	22 23	0 6	17 26	0 50	21 44	0 2	13 30	0 43	9 55	1 46	22 59	11 19	14 8	13 50	5 38	12 45	7 35
S 26	19 39	22 49	2 11	18 5	4 2	20 50	2 16	22 28	0 6	17 27	0 50	21 43	0 2	13 29	0 43	9 55	1 46	22 58	11 19	14 9	13 51	5 42	12 45	7 35
S 27	19 26	18 11	0 57	18 19	3 50	20 58	2 13	22 34	0 5	17 28	0 49	21 42	0 2	13 27	0 43	9 55	1 46	22 58	11 19	14 9	13 53	5 45	12 46	7 35
M28	19 12	12 26	0s23	18 32	3 36	21 5	2 11	22 39	0 4	17 28	0 49	21 40	0 2	13 26	0 43	9 55	1 46	22 57	11 19	14 9	13 54	5 48	12 47	7 35
T 29	18 58	5 59	1 41	18 45	3 22	21 11	2 8	22 44	0 3	17 29	0 49	21 39	0 2	13 25	0 43	9 55	1 46	22 56	11 19	14 9	13 55	5 51	12 48	7 35
W30	18 44	0s47	2 53	18 58	3 7	21 17	2 5	22 49	0 2	17 29	0 49	21 38	0 2	13 24	0 43	9 55	1 47	22 55	11 19	14 9	13 56	5 55	12 48	7 35
T 31	18n30	7s28	3s54	19n11	2s52	21n23	2s 2	22n53	0s 2	17s30	0n49	21n37	0s 1	13n23	0n43	9n55	1s47	22n55	11n19	14s 8	13s57	5n58	12s49	7n35

Julian Day Number = 2345805.5, Delta T = 11.45 sec
Ecliptic obliquity = 23°28'44, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'56, Lahiri = 19°48'56Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1710
geocentric

AUGUST 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 36 39	8♌10'55	24♎ 9	20♋15	26♊40	18♊26	21♏59	22♋22	26♌33	0♉15	27♌38	22♒12	22♒44	6♈51	29°R42	F 1
S 2	20 40 35	9° 8'23	8♏20	20°47	27°47	19° 6	22° 2	22°30	26°36	0°15	27°40	22°R13	22°41	6°58	29♑39	S 2
S 3	20 44 32	10° 5'52	22°18	21°25	28°55	19°46	22° 4	22°37	26°40	0°16	27°41	22°13	22°37	7° 5	29°36	S 3
M 4	20 48 29	11° 3'22	6♐ 2	22°10	0♋ 2	20°26	22° 7	22°45	26°43	0°R16	27°43	22°12	22°34	7°11	29°32	M 4
T 5	20 52 25	12° 0'52	19°32	23° 2	1°10	21° 6	22°10	22°52	26°47	0°16	27°45	22°11	22°31	7°18	29°29	T 5
W 6	20 56 22	12°58'24	2♑47	23°59	2°18	21°46	22°13	23° 0	26°51	0°15	27°47	22° 9	22°28	7°25	29°26	W 6
T 7	21 0 18	13°55'56	15°48	25° 3	3°27	22°26	22°16	23° 7	26°54	0°15	27°49	22° 8	22°25	7°31	29°22	T 7
F 8	21 4 15	14°53'29	28°36	26°13	4°35	23° 5	22°19	23°15	26°58	0°15	27°51	22° 8	22°21	7°38	29°19	F 8
S 9	21 8 11	15°51'04	11♒10	27°28	5°43	23°45	22°23	23°22	27° 2	0°15	27°53	22° 7	22°18	7°45	29°16	S 9
S 10	21 12 8	16°48'39	23°32	28°49	6°52	24°24	22°26	23°30	27° 6	0°15	27°55	22°D 7	22°15	7°52	29°13	S 10
M11	21 16 5	17°46'16	5♓42	0♌15	8° 1	25° 4	22°30	23°37	27° 9	0°15	27°57	22° 7	22°12	7°58	29° 9	M11
T 12	21 20 1	18°43'54	17°44	1°46	9°10	25°43	22°34	23°44	27°13	0°14	27°59	22° 7	22° 9	8° 5	29° 6	T 12
W13	21 23 58	19°41'33	29°39	3°21	10°19	26°22	22°38	23°52	27°17	0°14	28° 1	22° 8	22° 6	8°12	29° 3	W13
T 14	21 27 54	20°39'14	11♈30	5° 1	11°28	27° 1	22°43	23°59	27°20	0°14	28° 3	22° 8	22° 2	8°18	29° 0	T 14
F 15	21 31 51	21°36'57	23°20	6°44	12°37	27°41	22°47	24° 6	27°24	0°13	28° 5	22° 8	21°59	8°25	28°57	F 15
S 16	21 35 47	22°34'41	5♉14	8°31	13°46	28°19	22°52	24°13	27°28	0°13	28° 7	22°R 8	21°56	8°32	28°54	S 16
S 17	21 39 44	23°32'27	17°16	10°20	14°56	28°58	22°57	24°20	27°32	0°13	28° 9	22° 8	21°53	8°38	28°51	S 17
M18	21 43 40	24°30'15	29°29	12°12	16° 5	29°37	23° 2	24°28	27°35	0°12	28°11	22°D 8	21°50	8°45	28°48	M18
T 19	21 47 37	25°28'04	12♊ 0	14° 7	17°15	0♋16	23° 7	24°35	27°39	0°12	28°13	22° 8	21°47	8°52	28°45	T 19
W20	21 51 33	26°25'55	24°51	16° 3	18°25	0°55	23°12	24°42	27°43	0°11	28°15	22° 8	21°43	8°58	28°42	W20
T 21	21 55 30	27°23'48	8♋ 6	18° 0	19°34	1°33	23°18	24°49	27°47	0°11	28°17	22° 9	21°40	9° 5	28°39	T 21
F 22	21 59 27	28°21'42	21°46	19°58	20°45	2°12	23°23	24°56	27°50	0°10	28°19	22° 9	21°37	9°12	28°36	F 22
S 23	22 3 23	29°19'39	5♌51	21°56	21°55	2°50	23°29	25° 3	27°54	0° 9	28°21	22°10	21°34	9°18	28°34	S 23
S 24	22 7 20	0♍17'37	20°19	23°55	23° 5	3°28	23°35	25° 9	27°58	0° 9	28°23	22°R10	21°31	9°25	28°31	S 24
M25	22 11 16	1°15'36	5♍ 4	25°54	24°15	4° 6	23°41	25°16	28° 2	0° 8	28°25	22°10	21°27	9°32	28°28	M25
T 26	22 15 13	2°13'37	19°59	27°53	25°26	4°44	23°47	25°23	28° 5	0° 7	28°27	22° 9	21°24	9°38	28°26	T 26
W27	22 19 9	3°11'40	4♎57	29°52	26°36	5°22	23°54	25°30	28° 9	0° 7	28°29	22° 8	21°21	9°45	28°23	W27
T 28	22 23 6	4° 9'43	19°49	1♍49	27°47	6° 0	24° 0	25°37	28°13	0° 6	28°31	22° 7	21°18	9°52	28°21	T 28
F 29	22 27 2	5° 7'49	4♏28	3°46	28°57	6°38	24° 7	25°43	28°17	0° 5	28°33	22° 6	21°15	9°59	28°18	F 29
S 30	22 30 59	6° 5'56	18°49	5°43	0♌ 8	7°16	24°14	25°50	28°20	0° 4	28°35	22° 4	21°12	10° 5	28°16	S 30
S 31	22 34 56	7♍ 4'04	2♐49	7♍38	1♌19	7♋53	24♏21	25♋56	28♌24	0♉ 4	28♌37	22°D 4	21♒ 8	10♈12	28♑13	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	18n15	13s42	4s39	19n23	2s36	21n28	1s58	22n58	0s 1	17s31	0n48	21n36	0s 1	13n21	0n43	9n55	1s47	22n54	11n19	14s 8	13s58	6n 1	12s50	7n35
S 2	18 0	19 9	5 7	19 34	2 20	21 32	1 55	23 2	0n 0	17 32	0 48	21 35	0 1	13 20	0 43	9 55	1 47	22 53	11 19	14 8	13 59	6 4	12 51	7 35
S 3	17 45	23 28	5 16	19 44	2 4	21 36	1 52	23 6	0 1	17 33	0 48	21 34	0 1	13 19	0 43	9 55	1 47	22 52	11 19	14 8	14 0	6 8	12 51	7 34
M 4	17 29	26 23	5 7	19 53	1 48	21 40	1 49	23 10	0 2	17 34	0 48	21 32	0 1	13 18	0 43	9 55	1 47	22 52	11 19	14 8	14 1	6 11	12 52	7 34
T 5	17 13	27 44	4 41	20 0	1 32	21 43	1 46	23 13	0 3	17 35	0 47	21 31	0 1	13 16	0 43	9 55	1 47	22 51	11 19	14 8	14 2	6 14	12 53	7 34
W 6	16 57	27 27	4 0	20 6	1 16	21 45	1 42	23 17	0 3	17 36	0 47	21 30	0 1	13 15	0 43	9 55	1 47	22 50	11 19	14 9	14 3	6 17	12 54	7 34
T 7	16 40	25 39	3 8	20 10	1 0	21 47	1 39	23 20	0 4	17 37	0 47	21 29	0 1	13 14	0 43	9 55	1 47	22 50	11 19	14 9	14 4	6 21	12 55	7 34
F 8	16 24	22 33	2 7	20 13	0 45	21 48	1 36	23 23	0 5	17 38	0 47	21 28	0 1	13 12	0 42	9 55	1 47	22 49	11 19	14 9	14 5	6 24	12 56	7 34
S 9	16 7	18 25	1 0	20 13	0 30	21 49	1 32	23 26	0 6	17 39	0 46	21 27	0 1	13 11	0 42	9 54	1 47	22 48	11 19	14 10	14 6	6 27	12 56	7 33
S 10	15 49	13 35	0n 8	20 11	0 15	21 49	1 29	23 28	0 7	17 40	0 46	21 25	0 1	13 10	0 42	9 54	1 47	22 48	11 19	14 10	14 7	6 30	12 57	7 33
M11	15 32	8 17	1 15	20 6	0 2	21 49	1 26	23 31	0 8	17 41	0 46	21 24	0 0	13 9	0 42	9 54	1 47	22 47	11 19	14 10	14 8	6 33	12 58	7 33
T 12	15 14	2 45	2 17	19 59	0n11	21 48	1 22	23 33	0 9	17 42	0 46	21 23	0 0	13 7	0 42	9 54	1 47	22 46	11 19	14 10	14 9	6 37	12 59	7 33
W13	14 56	2n49	3 14	19 50	0 24	21 46	1 19	23 35	0 9	17 44	0 45	21 22	0 0	13 6	0 42	9 54	1 47	22 45	11 19	14 9	14 10	6 40	13 0	7 33
T 14	14 38	8 15	4 1	19 37	0 36	21 44	1 15	23 37	0 10	17 45	0 45	21 21	0 0	13 5	0 42	9 54	1 47	22 45	11 19	14 9	14 11	6 43	13 0	7 32
F 15	14 19	13 23	4 38	19 22	0 46	21 41	1 12	23 39	0 11	17 46	0 45	21 19	0 0	13 4	0 42	9 53	1 47	22 44	11 19	14 9	14 12	6 46	13 1	7 32
S 16	14 1	18 3	5 4	19 4	0 56	21 38	1 8	23 40	0 12	17 48	0 45	21 18	0 0	13 2	0 42	9 53	1 48	22 43	11 19	14 9	14 13	6 49	13 2	7 32
S 17	13 42	22 4	5 16	18 44	1 5	21 34	1 5	23 42	0 13	17 49	0 45	21 17	0n 0	13 1	0 42	9 53	1 48	22 43	11 19	14 9	14 14	6 53	13 3	7 32
M18	13 23	25 12	5 15	18 20	1 13	21 30	1 1	23 43	0 14	17 51	0 44	21 16	0 0	13 0	0 42	9 53	1 48	22 42	11 19	14 9	14 15	6 56	13 4	7 31
T 19	13 3	27 12	4 58	17 54	1 21	21 25	0 58	23 44	0 15	17 52	0 44	21 15	0 0	12 58	0 42	9 53	1 48	22 41	11 19	14 9	14 16	6 59	13 5	7 31
W20	12 44	27 50	4 27	17 26	1 27	21 19	0 54	23 44	0 16	17 54	0 44	21 14	0 0	12 57	0 42	9 52	1 48	22 41	11 19	14 9	14 17	7 2	13 6	7 31
T 21	12 24	26 54	3 41	16 55	1 32	21 13	0 50	23 45	0 17	17 55	0 44	21 12	0 0	12 56	0 42	9 52	1 48	22 40	11 19	14 9	14 18	7 5	13 6	7 31
F 22	12 4	24 22	2 41	16 23	1 37	21 6	0 47	23 45	0 18	17 57	0 43	21 11	0 1	12 54	0 42	9 52	1 48	22 39	11 19	14 9	14 19	7 9	13 7	7 30
S 23	11 44	20 17	1 29	15 48	1 40	20 59	0 43	23 45	0 18	17 59	0 43	21 10	0 1	12 53	0 42	9 52	1 48	22 39	11 19	14 9	14 20	7 12	13 8	7 30
S 24	11 23	14 54	0 10	15 11	1 43	20 51	0 40	23 45	0 19	18 0	0 43	21 9	0 1	12 52	0 42	9 51	1 48	22 38	11 19	14 9	14 21	7 15	13 9	7 30
M25	11 3	8 34	1s11	14 33	1 45	20 42	0 36	23 45	0 20	18 2	0 43	21 8	0 1	12 51	0 43	9 51	1 48	22 37	11 19	14 9	14 22	7 18	13 10	7 29
T 26	10 42	1 42	2 28	13 53	1 46	20 33	0 33	23 45	0 21	18 4	0 43	21 7	0 1	12 49	0 43	9 51	1 48	22 37	11 19	14 9	14 23	7 21	13 11	7 29
W27	10 21	5s16	3 35	13 12	1 47	20 23	0 29	23 44	0 22	18 6	0 42	21 6	0 1	12 48	0 43	9 51	1 48	22 36	11 19	14 9	14 24	7 25	13 11	7 29
T 28	10 0	11 53	4 28	12 30	1 46	20 13	0 26	23 44	0 23	18 7	0 42	21 4	0 1	12 47	0 43	9 50	1 48	22 36	11 20	14 10	14 26	7 28	13 12	7 28
F 29	9 39	17 45	5 1	11 47	1 45	20 2	0 23	23 43	0 24	18 9	0 42	21 3	0 1	12 45	0 43	9 50	1 48	22 35	11 20	14 10	14 27	7 31	13 13	7 28
S 30	9 17	22 30	5 16	11 3	1 44	19 51	0 19	23 42	0 25	18 11	0 42	21 2	0 1	12 44	0 43	9 50	1 48	22 34	11 20	14 10	14 28	7 34	13 14	7 28
S 31	8n56	25s50	5s11	10n18	1n42	19n39	0s16	23n40	0n26	18s13	0n42	21n 1	0n 1	12n43	0n43	9n49	1s48	22n34	11n20	14s11	14s29	7n37	13s15	7n27

Julian Day Number = 2345836.5, Delta T = 11.44 sec
Ecliptic obliquity = 23°28'44, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'00, Lahiri = 19°49'01Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1710
geocentric

SEPTEMBER 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 38 52	8♍ 2'14	16♐28	9♍32	2♌30	8♋31	24♏28	26♋ 3	28♌28	0°R 3	28♌39	22♒ 4	21♒ 5	10♈19	28°R11	M 1
T 2	22 42 49	9° 0'25	29°46	11°26	3°41	9° 8	24°35	26° 9	28°32	0♉ 2	28°41	22° 5	21° 2	10°25	28♑ 9	T 2
W 3	22 46 45	9°58'38	12♑45	13°18	4°52	9°45	24°42	26°16	28°35	0° 1	28°43	22° 6	20°59	10°32	28° 6	W 3
T 4	22 50 42	10°56'52	25°28	15° 9	6° 4	10°23	24°50	26°22	28°39	29♈59	28°45	22° 7	20°56	10°39	28° 4	T 4
F 5	22 54 38	11°55'08	7♒57	16°59	7°15	11° 0	24°58	26°28	28°43	29°59	28°47	22° 9	20°52	10°45	28° 2	F 5
S 6	22 58 35	12°53'26	20°14	18°48	8°26	11°37	25° 5	26°34	28°46	29°58	28°49	22°R 9	20°49	10°52	28° 0	S 6
S 7	23 2 31	13°51'45	2♓22	20°36	9°38	12°13	25°13	26°41	28°50	29°57	28°51	22° 9	20°46	10°59	27°58	S 7
M 8	23 6 28	14°50'06	14°23	22°22	10°50	12°50	25°21	26°47	28°54	29°56	28°52	22° 7	20°43	11° 5	27°56	M 8
T 9	23 10 25	15°48'28	26°18	24° 8	12° 1	13°27	25°29	26°53	28°57	29°55	28°54	22° 5	20°40	11°12	27°54	T 9
W10	23 14 21	16°46'53	8♈10	25°52	13°13	14° 3	25°38	26°59	29° 1	29°54	28°56	22° 1	20°37	11°19	27°53	W10
T 11	23 18 18	17°45'19	20° 0	27°35	14°25	14°40	25°46	27° 5	29° 5	29°53	28°58	21°57	20°33	11°26	27°51	T 11
F 12	23 22 14	18°43'48	1♉51	29°17	15°37	15°16	25°55	27°10	29° 8	29°51	29° 0	21°52	20°30	11°32	27°49	F 12
S 13	23 26 11	19°42'19	13°46	0♎58	16°49	15°52	26° 3	27°16	29°12	29°50	29° 2	21°48	20°27	11°39	27°48	S 13
S 14	23 30 7	20°40'52	25°48	2°38	18° 1	16°28	26°12	27°22	29°15	29°49	29° 4	21°45	20°24	11°46	27°46	S 14
M15	23 34 4	21°39'27	8♊ 0	4°17	19°13	17° 4	26°21	27°27	29°19	29°48	29° 6	21°42	20°21	11°52	27°44	M15
T 16	23 38 0	22°38'04	20°27	5°55	20°26	17°40	26°30	27°33	29°22	29°47	29° 8	21°D41	20°18	11°59	27°43	T 16
W17	23 41 57	23°36'44	3♋13	7°32	21°38	18°16	26°39	27°39	29°26	29°45	29°10	21°42	20°14	12° 6	27°42	W17
T 18	23 45 54	24°35'26	16°21	9° 8	22°51	18°52	26°48	27°44	29°29	29°44	29°11	21°43	20°11	12°12	27°40	T 18
F 19	23 49 50	25°34'10	29°55	10°44	24° 3	19°27	26°57	27°49	29°33	29°43	29°13	21°44	20° 8	12°19	27°39	F 19
S 20	23 53 47	26°32'56	13♌57	12°18	25°16	20° 3	27° 7	27°55	29°36	29°41	29°15	21°46	20° 5	12°26	27°38	S 20
S 21	23 57 43	27°31'45	28°25	13°51	26°28	20°38	27°16	28° 0	29°40	29°40	29°17	21°R46	20° 2	12°32	27°37	S 21
M22	0 1 40	28°30'36	13♍17	15°23	27°41	21°13	27°26	28° 5	29°43	29°39	29°19	21°44	19°58	12°39	27°36	M22
T 23	0 5 36	29°29'28	28°24	16°54	28°54	21°48	27°36	28°10	29°47	29°37	29°20	21°41	19°55	12°46	27°35	T 23
W24	0 9 33	0♎28'23	13♎39	18°25	0♍ 7	22°23	27°46	28°15	29°50	29°36	29°22	21°36	19°52	12°53	27°34	W24
T 25	0 13 29	1°27'20	28°51	19°54	1°20	22°58	27°56	28°20	29°53	29°34	29°24	21°30	19°49	12°59	27°33	T 25
F 26	0 17 26	2°26'18	13♏49	21°22	2°33	23°32	28° 6	28°25	29°57	29°33	29°26	21°24	19°46	13° 6	27°32	F 26
S 27	0 21 23	3°25'19	28°26	22°50	3°46	24° 7	28°16	28°29	29°59	29°31	29°27	21°19	19°43	13°13	27°32	S 27
S 28	0 25 19	4°24'21	12♐36	24°16	4°59	24°41	28°26	28°34	0♍ 3	29°30	29°29	21°15	19°39	13°19	27°31	S 28
M29	0 29 16	5°23'25	26°19	25°42	6°12	25°15	28°37	28°39	0° 6	29°28	29°31	21°13	19°36	13°26	27°31	M29
T 30	0 33 12	6♎22'31	9♑36	27♎ 7	7♍26	25♋49	28♏47	28♋43	0♍10	29♈27	29♌33	21°D12	19♒33	13♈33	27♑30	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
M 1	8n34	27s34	4s48	9n32	1n39	19n26	0s12	23n39	0n27	18s15	0n41	21n 0	0n 1	12n42	0n43	9n49	1s48	22n33	11n20	14s11	14s30	7n40	13s16	7n27
T 2	8 12	27 39	4 10	8 46	1 36	19 13	0 9	23 38	0 28	18 17	0 41	20 59	0 2	12 40	0 43	9 48	1 48	22 32	11 20	14 10	14 31	7 44	13 16	7 26
W 3	7 50	26 12	3 21	8 0	1 33	18 59	0 6	23 36	0 29	18 19	0 41	20 58	0 2	12 39	0 43	9 48	1 49	22 32	11 20	14 10	14 32	7 47	13 17	7 26
T 4	7 28	23 24	2 22	7 13	1 29	18 45	0 2	23 34	0 30	18 21	0 41	20 57	0 2	12 38	0 43	9 48	1 49	22 31	11 20	14 10	14 33	7 50	13 18	7 26
F 5	7 6	19 34	1 18	6 27	1 24	18 30	0n 1	23 32	0 31	18 23	0 41	20 55	0 2	12 36	0 43	9 47	1 49	22 31	11 21	14 9	14 34	7 53	13 19	7 25
S 6	6 44	14 56	0 11	5 40	1 20	18 15	0 4	23 30	0 32	18 25	0 40	20 54	0 2	12 35	0 43	9 47	1 49	22 30	11 21	14 9	14 35	7 56	13 20	7 25
S 7	6 21	9 47	0n56	4 53	1 15	17 59	0 7	23 28	0 33	18 27	0 40	20 53	0 2	12 34	0 43	9 47	1 49	22 30	11 21	14 9	14 36	7 59	13 20	7 24
M 8	5 59	4 19	1 59	4 6	1 9	17 43	0 11	23 25	0 34	18 29	0 40	20 52	0 2	12 33	0 43	9 46	1 49	22 29	11 21	14 10	14 37	8 3	13 21	7 24
T 9	5 36	1n14	2 57	3 19	1 4	17 26	0 14	23 22	0 35	18 31	0 40	20 51	0 2	12 31	0 43	9 46	1 49	22 29	11 21	14 10	14 38	8 6	13 22	7 23
W10	5 14	6 43	3 46	2 32	0 58	17 9	0 17	23 20	0 36	18 34	0 40	20 50	0 2	12 30	0 43	9 45	1 49	22 28	11 21	14 12	14 39	8 9	13 23	7 23
T 11	4 51	11 56	4 26	1 45	0 52	16 51	0 20	23 17	0 37	18 36	0 39	20 49	0 2	12 29	0 43	9 45	1 49	22 27	11 22	14 13	14 40	8 12	13 23	7 23
F 12	4 28	16 44	4 54	0 59	0 45	16 33	0 23	23 14	0 38	18 38	0 39	20 48	0 2	12 28	0 43	9 44	1 49	22 27	11 22	14 14	14 41	8 15	13 24	7 22
S 13	4 5	20 55	5 10	0 12	0 39	16 14	0 26	23 10	0 39	18 40	0 39	20 47	0 3	12 26	0 43	9 44	1 49	22 26	11 22	14 16	14 42	8 18	13 25	7 22
S 14	3 42	24 17	5 12	0s33	0 32	15 55	0 29	23 7	0 40	18 42	0 39	20 46	0 3	12 25	0 43	9 43	1 49	22 26	11 22	14 17	14 43	8 21	13 26	7 21
M15	3 19	26 37	5 0	1 19	0 25	15 35	0 32	23 4	0 41	18 45	0 39	20 45	0 3	12 24	0 43	9 43	1 49	22 25	11 22	14 18	14 44	8 25	13 26	7 21
T 16	2 56	27 42	4 34	2 4	0 19	15 15	0 35	23 0	0 42	18 47	0 38	20 44	0 3	12 23	0 43	9 43	1 49	22 25	11 22	14 18	14 45	8 28	13 27	7 20
W17	2 32	27 21	3 55	2 49	0 12	14 54	0 37	22 56	0 43	18 49	0 38	20 43	0 3	12 21	0 43	9 42	1 49	22 24	11 23	14 18	14 46	8 31	13 28	7 20
T 18	2 9	25 29	3 1	3 34	0 4	14 33	0 40	22 52	0 44	18 51	0 38	20 42	0 3	12 20	0 43	9 42	1 49	22 24	11 23	14 17	14 47	8 34	13 29	7 19
F 19	1 46	22 6	1 56	4 18	0s 3	14 12	0 43	22 48	0 45	18 54	0 38	20 41	0 3	12 19	0 43	9 41	1 49	22 23	11 23	14 17	14 48	8 37	13 29	7 19
S 20	1 22	17 21	0 43	5 1	0 10	13 50	0 45	22 44	0 46	18 56	0 38	20 40	0 3	12 18	0 43	9 41	1 49	22 23	11 23	14 17	14 49	8 40	13 30	7 18
S 21	0 59	11 29	0s36	5 44	0 17	13 28	0 48	22 40	0 47	18 58	0 38	20 39	0 3	12 17	0 43	9 40	1 49	22 23	11 24	14 17	14 50	8 43	13 31	7 18
M22	0 36	4 49	1 54	6 27	0 25	13 5	0 50	22 36	0 48	19 1	0 37	20 38	0 3	12 15	0 43	9 40	1 49	22 22	11 24	14 17	14 51	8 47	13 31	7 17
T 23	0 12	2s13	3 6	7 9	0 32	12 42	0 53	22 31	0 49	19 3	0 37	20 37	0 4	12 14	0 43	9 39	1 49	22 22	11 24	14 18	14 52	8 50	13 32	7 17
W24	0s11	9 9	4 5	7 50	0 40	12 19	0 55	22 27	0 50	19 6	0 37	20 36	0 4	12 13	0 43	9 39	1 49	22 21	11 24	14 20	14 53	8 53	13 33	7 16
T 25	0 35	15 32	4 46	8 31	0 47	11 55	0 58	22 22	0 51	19 8	0 37	20 35	0 4	12 12	0 43	9 38	1 49	22 21	11 24	14 22	14 54	8 56	13 33	7 16
F 26	0 58	20 53	5 7	9 11	0 54	11 31	1 0	22 17	0 52	19 10	0 37	20 35	0 4	12 11	0 43	9 37	1 49	22 20	11 25	14 24	14 55	8 59	13 34	7 15
S 27	1 22	24 50	5 7	9 51	1 2	11 6	1 2	22 12	0 54	19 13	0 37	20 34	0 4	12 10	0 43	9 37	1 49	22 20	11 25	14 25	14 56	9 2	13 35	7 15
S 28	1 45	27 7	4 49	10 30	1 9	10 42	1 4	22 7	0 55	19 15	0 36	20 33	0 4	12 9	0 43	9 36	1 50	22 20	11 25	14 26	14 57	9 5	13 35	7 14
M29	2 9	27 39	4 14	11 8	1 16	10 16	1 6	22 2	0 56	19 18	0 36	20 32	0 4	12 7	0 43	9 36	1 50	22 19	11 25	14 27	14 58	9 8	13 36	7 14
T 30	2s32	26s33	3s26	11s46	1s24	9n51	1n 8	21n57	0n57	19s20	0n36	20n31	0n 4	12n 6	0n43	9n35	1s50	22n19	11n26	14s27	14s59	9n11	13s36	7n13

Julian Day Number = 2345867.5, Delta T = 11.42 sec
Ecliptic obliquity = 23°28'44, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'05, Lahiri = 19°49'05Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1710
geocentric

OCTOBER 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 37 9	7♎21'39	22♉29	28♎30	8♍39	26♋23	28♏58	28♋47	0♍13	29°R25	29♌34	21♒13	19♒30	13♈39	27°R30	W 1
T 2	0 41 5	8°20'48	5♒ 1	29°53	9°52	26°57	29° 8	28°52	0°16	29♈24	29°36	21°15	19°27	13°46	27♉30	T 2
F 3	0 45 2	9°19'59	17°19	1♏14	11° 6	27°31	29°19	28°56	0°19	29°22	29°37	21°R16	19°24	13°53	27°29	F 3
S 4	0 48 58	10°19'12	29°25	2°35	12°19	28° 4	29°30	29° 0	0°22	29°21	29°39	21°15	19°20	14° 0	27°29	S 4
S 5	0 52 55	11°18'27	11♓23	3°54	13°33	28°37	29°41	29° 4	0°25	29°19	29°41	21°13	19°17	14° 6	27°29	S 5
M 6	0 56 52	12°17'44	23°16	5°12	14°47	29°11	29°52	29° 8	0°28	29°18	29°42	21° 9	19°14	14°13	27°D29	M 6
T 7	1 0 48	13°17'02	5♈ 7	6°28	16° 0	29°44	0♐ 3	29°12	0°31	29°16	29°44	21° 2	19°11	14°20	27°29	T 7
W 8	1 4 45	14°16'23	16°58	7°43	17°14	0♌17	0°14	29°16	0°34	29°14	29°45	20°53	19° 8	14°26	27°29	W 8
T 9	1 8 41	15°15'46	28°50	8°57	18°28	0°49	0°25	29°19	0°37	29°13	29°47	20°42	19° 4	14°33	27°29	T 9
F 10	1 12 38	16°15'11	10♉45	10° 9	19°42	1°22	0°36	29°23	0°40	29°11	29°48	20°31	19° 1	14°40	27°30	F 10
S 11	1 16 34	17°14'38	22°45	11°20	20°56	1°54	0°48	29°26	0°43	29°10	29°50	20°21	18°58	14°46	27°30	S 11
S 12	1 20 31	18°14'07	4♊51	12°28	22°10	2°26	0°59	29°30	0°46	29° 8	29°51	20°12	18°55	14°53	27°30	S 12
M13	1 24 27	19°13'39	17° 6	13°35	23°24	2°58	1°11	29°33	0°49	29° 6	29°53	20° 5	18°52	15° 0	27°31	M13
T 14	1 28 24	20°13'13	29°33	14°39	24°38	3°30	1°22	29°36	0°52	29° 5	29°54	20° 0	18°49	15° 6	27°31	T 14
W15	1 32 21	21°12'49	12♋15	15°41	25°52	4° 2	1°34	29°39	0°54	29° 3	29°55	19°58	18°45	15°13	27°32	W15
T 16	1 36 17	22°12'27	25°17	16°40	27° 6	4°34	1°46	29°42	0°57	29° 1	29°57	19°D57	18°42	15°20	27°33	T 16
F 17	1 40 14	23°12'08	8♌41	17°37	28°20	5° 5	1°58	29°45	1° 0	29° 0	29°58	19°58	18°39	15°27	27°34	F 17
S 18	1 44 10	24°11'51	22°32	18°30	29°35	5°36	2°10	29°48	1° 2	28°58	29°59	19°R58	18°36	15°33	27°34	S 18
S 19	1 48 7	25°11'37	6♍49	19°19	0♎49	6° 7	2°22	29°51	1° 5	28°56	0♍ 1	19°57	18°33	15°40	27°35	S 19
M20	1 52 3	26°11'24	21°31	20° 5	2° 3	6°38	2°34	29°53	1° 7	28°55	0° 2	19°54	18°29	15°47	27°36	M20
T 21	1 56 0	27°11'14	6♎34	20°46	3°18	7° 9	2°46	29°56	1°10	28°53	0° 3	19°48	18°26	15°53	27°37	T 21
W22	1 59 56	28°11'05	21°49	21°23	4°32	7°39	2°58	29°58	1°12	28°51	0° 5	19°39	18°23	16° 0	27°39	W22
T 23	2 3 53	29°10'59	7♏ 7	21°54	5°47	8° 9	3°10	0♌ 0	1°15	28°49	0° 6	19°29	18°20	16° 7	27°40	T 23
F 24	2 7 49	0♏10'55	22°15	22°19	7° 1	8°39	3°22	0° 3	1°17	28°48	0° 7	19°18	18°17	16°13	27°41	F 24
S 25	2 11 46	1°10'53	7♐ 3	22°38	8°16	9° 9	3°35	0° 5	1°19	28°46	0° 8	19° 8	18°14	16°20	27°42	S 25
S 26	2 15 43	2°10'52	21°25	22°49	9°30	9°38	3°47	0° 7	1°22	28°44	0° 9	19° 1	18°10	16°27	27°44	S 26
M27	2 19 39	3°10'53	5♑17	22°R53	10°45	10° 8	4° 0	0° 8	1°24	28°43	0°10	18°55	18° 7	16°34	27°45	M27
T 28	2 23 36	4°10'56	18°39	22°49	12° 0	10°37	4°12	0°10	1°26	28°41	0°11	18°52	18° 4	16°40	27°47	T 28
W29	2 27 32	5°11'00	1♒34	22°36	13°15	11° 6	4°25	0°12	1°28	28°39	0°12	18°D51	18° 1	16°47	27°48	W29
T 30	2 31 29	6°11'06	14° 6	22°13	14°29	11°34	4°37	0°13	1°30	28°38	0°13	18°R51	17°58	16°54	27°50	T 30
F 31	2 35 25	7♏11'14	26♒20	21♏41	15♎44	12♌ 3	4♐50	0♌15	1♍32	28♈36	0♍14	18♒51	17♒55	17♈ 0	27♉52	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	2s56	24s 3	2s29	12s22	1s31	9n25	1n10	21n52	0n58	19s23	0n36	20n30	0n 4	12n 5	0n43	9n35	1s50	22n19	11n26	14s27	15s 0	9n14	13s37	7n13
T 2	3 19	20 27	1 27	12 58	1 38	8 59	1 12	21 46	0 59	19 25	0 36	20 30	0 4	12 4	0 43	9 34	1 50	22 18	11 26	14 27	15 1	9 18	13 38	7 12
F 3	3 42	16 1	0 21	13 33	1 45	8 33	1 14	21 41	1 0	19 28	0 36	20 29	0 5	12 3	0 43	9 34	1 50	22 18	11 27	14 26	15 2	9 21	13 38	7 12
S 4	4 6	11 1	0n44	14 8	1 51	8 7	1 16	21 35	1 2	19 30	0 35	20 28	0 5	12 2	0 43	9 33	1 50	22 18	11 27	14 26	15 3	9 24	13 39	7 11
S 5	4 29	5 40	1 46	14 41	1 58	7 40	1 17	21 30	1 3	19 32	0 35	20 27	0 5	12 1	0 43	9 32	1 50	22 17	11 27	14 27	15 4	9 27	13 39	7 11
M 6	4 52	0 11	2 43	15 14	2 4	7 13	1 19	21 24	1 4	19 35	0 35	20 27	0 5	12 0	0 43	9 32	1 50	22 17	11 27	14 29	15 5	9 30	13 40	7 10
T 7	5 15	5n18	3 33	15 45	2 11	6 46	1 20	21 18	1 5	19 37	0 35	20 26	0 5	11 59	0 43	9 31	1 50	22 17	11 28	14 31	15 6	9 33	13 40	7 10
W 8	5 38	10 34	4 13	16 16	2 17	6 18	1 22	21 12	1 6	19 40	0 35	20 25	0 5	11 58	0 43	9 31	1 50	22 16	11 28	14 34	15 7	9 36	13 41	7 9
T 9	6 1	15 29	4 43	16 45	2 23	5 51	1 23	21 6	1 7	19 42	0 35	20 25	0 5	11 57	0 43	9 30	1 50	22 16	11 28	14 37	15 8	9 39	13 41	7 9
F 10	6 24	19 49	5 0	17 14	2 28	5 23	1 24	21 0	1 9	19 45	0 34	20 24	0 5	11 56	0 43	9 29	1 50	22 16	11 29	14 40	15 9	9 42	13 42	7 8
S 11	6 47	23 23	5 4	17 41	2 34	4 55	1 26	20 54	1 10	19 47	0 34	20 23	0 5	11 55	0 43	9 29	1 50	22 16	11 29	14 44	15 10	9 45	13 42	7 8
S 12	7 10	25 58	4 55	18 7	2 39	4 27	1 27	20 48	1 11	19 50	0 34	20 23	0 5	11 54	0 43	9 28	1 50	22 15	11 29	14 47	15 11	9 48	13 43	7 7
M13	7 32	27 21	4 32	18 32	2 43	3 58	1 28	20 42	1 12	19 52	0 34	20 22	0 6	11 53	0 43	9 28	1 50	22 15	11 30	14 49	15 12	9 51	13 43	7 6
T 14	7 55	27 24	3 55	18 56	2 48	3 30	1 29	20 36	1 13	19 55	0 34	20 22	0 6	11 52	0 43	9 27	1 50	22 15	11 30	14 50	15 13	9 54	13 43	7 6
W15	8 17	26 1	3 7	19 18	2 52	3 1	1 30	20 29	1 15	19 57	0 34	20 21	0 6	11 51	0 43	9 27	1 50	22 15	11 30	14 51	15 14	9 58	13 44	7 5
T 16	8 40	23 12	2 8	19 39	2 55	2 33	1 31	20 23	1 16	20 0	0 34	20 20	0 6	11 50	0 44	9 26	1 50	22 15	11 31	14 51	15 15	10 1	13 44	7 5
F 17	9 2	19 5	1 0	19 58	2 58	2 4	1 32	20 17	1 17	20 2	0 33	20 20	0 6	11 49	0 44	9 25	1 50	22 14	11 31	14 51	15 16	10 4	13 45	7 4
S 18	9 24	13 49	0s14	20 15	3 1	1 35	1 32	20 10	1 19	20 5	0 33	20 19	0 6	11 48	0 44	9 25	1 50	22 14	11 31	14 51	15 17	10 7	13 45	7 4
S 19	9 46	7 39	1 28	20 31	3 2	1 6	1 33	20 4	1 20	20 7	0 33	20 19	0 6	11 47	0 44	9 24	1 50	22 14	11 32	14 51	15 18	10 10	13 45	7 3
M20	10 8	0 56	2 39	20 44	3 4	0 37	1 33	19 57	1 21	20 10	0 33	20 19	0 6	11 46	0 44	9 24	1 50	22 14	11 32	14 52	15 19	10 13	13 46	7 3
T 21	10 29	5s59	3 41	20 56	3 4	0 7	1 34	19 51	1 22	20 12	0 33	20 18	0 6	11 46	0 44	9 23	1 50	22 14	11 32	14 54	15 20	10 16	13 46	7 2
W22	10 51	12 39	4 27	21 5	3 4	0s22	1 34	19 44	1 24	20 15	0 33	20 18	0 7	11 45	0 44	9 22	1 50	22 14	11 33	14 57	15 21	10 19	13 46	7 2
T 23	11 12	18 33	4 55	21 12	3 2	0 51	1 35	19 38	1 25	20 17	0 33	20 17	0 7	11 44	0 44	9 22	1 50	22 14	11 33	15 0	15 22	10 22	13 47	7 1
F 24	11 33	23 13	5 1	21 17	3 0	1 20	1 35	19 31	1 26	20 20	0 33	20 17	0 7	11 43	0 44	9 21	1 50	22 13	11 33	15 3	15 23	10 25	13 47	7 1
S 25	11 54	26 15	4 47	21 18	2 57	1 50	1 35	19 24	1 28	20 22	0 32	20 17	0 7	11 42	0 44	9 21	1 50	22 13	11 34	15 6	15 23	10 28	13 47	7 0
S 26	12 15	27 27	4 15	21 17	2 52	2 19	1 35	19 18	1 29	20 25	0 32	20 16	0 7	11 41	0 44	9 20	1 50	22 13	11 34	15 9	15 24	10 31	13 47	7 0
M27	12 36	26 51	3 29	21 12	2 46	2 48	1 35	19 11	1 30	20 27	0 32	20 16	0 7	11 41	0 44	9 19	1 50	22 13	11 35	15 11	15 25	10 34	13 48	6 59
T 28	12 56	24 42	2 33	21 4	2 39	3 17	1 35	19 5	1 32	20 30	0 32	20 16	0 7	11 40	0 44	9 19	1 50	22 13	11 35	15 12	15 26	10 37	13 48	6 59
W29	13 16	21 19	1 30	20 52	2 30	3 46	1 35	18 58	1 33	20 32	0 32	20 16	0 7	11 39	0 44	9 18	1 50	22 13	11 35	15 12	15 27	10 40	13 48	6 58
T 30	13 36	17 2	0 25	20 36	2 20	4 16	1 35	18 51	1 35	20 35	0 32	20 15	0 7	11 39	0 44	9 18	1 50	22 13	11 36	15 12	15 28	10 43	13 48	6 58
F 31	13s56	12s 9	0n39	20s16	2s 7	4s45	1n35	18n45	1n36	20s37	0n32	20n15	0n 8	11n38	0n44	9n17	1s50	22n13	11n36	15s12	15s29	10n46	13s48	6n57

Julian Day Number = 2345897.5, Delta T = 11.41 sec
Ecliptic obliquity = 23°28'44, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'09, Lahiri = 19°49'09Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1710
geocentric

NOVEMBER 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 39 22	8♏11'23	8♓21	20°R59	16♎59	12♌31	5♐ 3	0♌16	1♍34	28°R34	0♍15	18°R50	17♒51	17♈ 7	27♉54	S 1
S 2	2 43 18	9°11'33	20°15	20♏ 8	18°14	12°59	5°15	0°17	1°36	28♈33	0°16	18♒46	17°48	17°14	27°56	S 2
M 3	2 47 15	10°11'45	2♈ 5	19° 8	19°28	13°27	5°28	0°18	1°38	28°31	0°17	18°39	17°45	17°21	27°58	M 3
T 4	2 51 12	11°11'59	13°54	18° 0	20°43	13°54	5°41	0°19	1°40	28°29	0°18	18°30	17°42	17°27	28° 0	T 4
W 5	2 55 8	12°12'14	25°47	16°47	21°58	14°21	5°54	0°20	1°42	28°28	0°19	18°18	17°39	17°34	28° 2	W 5
T 6	2 59 5	13°12'31	7♉43	15°29	23°13	14°48	6° 7	0°21	1°44	28°26	0°20	18° 4	17°35	17°41	28° 4	T 6
F 7	3 3 1	14°12'50	19°46	14° 9	24°28	15°15	6°20	0°21	1°45	28°25	0°21	17°49	17°32	17°47	28° 6	F 7
S 8	3 6 58	15°13'11	1♊55	12°50	25°43	15°41	6°33	0°22	1°47	28°23	0°21	17°35	17°29	17°54	28° 9	S 8
S 9	3 10 54	16°13'33	14°12	11°34	26°58	16° 7	6°46	0°22	1°49	28°21	0°22	17°22	17°26	18° 1	28°11	S 9
M10	3 14 51	17°13'57	26°37	10°23	28°13	16°33	6°59	0°23	1°50	28°20	0°23	17°12	17°23	18° 7	28°13	M10
T 11	3 18 47	18°14'23	9♋13	9°21	29°28	16°59	7°12	0°23	1°52	28°18	0°24	17° 5	17°20	18°14	28°16	T 11
W12	3 22 44	19°14'51	22° 0	8°28	0♏43	17°24	7°25	0°R23	1°53	28°17	0°24	17° 1	17°16	18°21	28°18	W12
T 13	3 26 41	20°15'21	5♌ 3	7°47	1°59	17°49	7°39	0°23	1°55	28°15	0°25	16°59	17°13	18°28	28°21	T 13
F 14	3 30 37	21°15'52	18°23	7°16	3°14	18°14	7°52	0°23	1°56	28°14	0°25	16°59	17°10	18°34	28°24	F 14
S 15	3 34 34	22°16'26	2♍ 3	6°58	4°29	18°38	8° 5	0°22	1°57	28°12	0°26	16°59	17° 7	18°41	28°26	S 15
S 16	3 38 30	23°17'01	16° 6	6°D50	5°44	19° 2	8°18	0°22	1°59	28°11	0°27	16°57	17° 4	18°48	28°29	S 16
M17	3 42 27	24°17'38	0♎31	6°54	6°59	19°26	8°32	0°21	2° 0	28° 9	0°27	16°54	17° 1	18°54	28°32	M17
T 18	3 46 23	25°18'16	15°15	7° 9	8°14	19°49	8°45	0°21	2° 1	28° 8	0°28	16°47	16°57	19° 1	28°35	T 18
W19	3 50 20	26°18'56	0♏13	7°33	9°30	20°12	8°58	0°20	2° 2	28° 6	0°28	16°38	16°54	19° 8	28°38	W19
T 20	3 54 16	27°19'38	15°17	8° 6	10°45	20°35	9°12	0°19	2° 3	28° 5	0°28	16°27	16°51	19°15	28°41	T 20
F 21	3 58 13	28°20'22	0♐17	8°46	12° 0	20°57	9°25	0°18	2° 4	28° 3	0°29	16°15	16°48	19°21	28°44	F 21
S 22	4 2 10	29°21'07	15° 3	9°34	13°16	21°19	9°39	0°17	2° 5	28° 2	0°29	16° 4	16°45	19°28	28°47	S 22
S 23	4 6 6	0♐21'53	29°27	10°27	14°31	21°40	9°52	0°16	2° 6	28° 1	0°29	15°55	16°41	19°35	28°50	S 23
M24	4 10 3	1°22'40	13♉24	11°26	15°46	22° 1	10° 6	0°15	2° 7	27°59	0°30	15°49	16°38	19°41	28°54	M24
T 25	4 13 59	2°23'29	26°52	12°30	17° 2	22°22	10°19	0°13	2° 7	27°58	0°30	15°45	16°35	19°48	28°57	T 25
W26	4 17 56	3°24'18	9♒52	13°38	18°17	22°42	10°33	0°12	2° 8	27°57	0°30	15°43	16°32	19°55	29° 0	W26
T 27	4 21 52	4°25'08	22°29	14°49	19°32	23° 2	10°46	0°10	2° 9	27°55	0°30	15°D43	16°29	20° 1	29° 4	T 27
F 28	4 25 49	5°25'59	4♓45	16° 3	20°48	23°22	11° 0	0° 8	2° 9	27°54	0°31	15°R44	16°26	20° 8	29° 7	F 28
S 29	4 29 46	6°26'51	16°48	17°20	22° 3	23°41	11°13	0° 7	2°10	27°53	0°31	15°43	16°22	20°15	29°11	S 29
S 30	4 33 42	7♐27'43	28♓42	18♏39	23♏18	24♌ 0	11♐27	0♌ 5	2♍10	27♈52	0♍31	15♒41	16♒19	20♈22	29♉14	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	14s16	6s53	1n41	19s52	1s54	5s14	1n34	18n38	1n37	20s39	0n32	20n15	0n 8	11n37	0n44	9n16	1s50	22n13	11n36	15s12	15s30	10n49	13s48	6n57
S 2	14 35	1 27	2 38	19 23	1 38	5 43	1 34	18 32	1 39	20 42	0 31	20 15	0 8	11 36	0 44	9 16	1 50	22 13	11 37	15 13	15 31	10 52	13 49	6 56
M 3	14 54	4n 0	3 27	18 50	1 21	6 11	1 34	18 25	1 40	20 44	0 31	20 15	0 8	11 36	0 44	9 15	1 50	22 13	11 37	15 15	15 32	10 55	13 49	6 56
T 4	15 13	9 17	4 7	18 13	1 2	6 40	1 33	18 18	1 42	20 47	0 31	20 15	0 8	11 35	0 44	9 15	1 50	22 13	11 38	15 18	15 33	10 58	13 49	6 55
W 5	15 31	14 16	4 37	17 34	0 43	7 9	1 33	18 12	1 43	20 49	0 31	20 15	0 8	11 35	0 44	9 14	1 50	22 13	11 38	15 22	15 34	11 1	13 49	6 55
T 6	15 50	18 45	4 54	16 52	0 23	7 37	1 32	18 5	1 45	20 51	0 31	20 15	0 8	11 34	0 44	9 14	1 50	22 13	11 38	15 27	15 35	11 4	13 49	6 54
F 7	16 8	22 30	4 59	16 8	0 2	8 5	1 31	17 59	1 46	20 54	0 31	20 15	0 8	11 33	0 44	9 13	1 50	22 13	11 39	15 31	15 36	11 7	13 49	6 54
S 8	16 26	25 19	4 50	15 25	0n19	8 33	1 30	17 53	1 48	20 56	0 31	20 15	0 8	11 33	0 44	9 12	1 50	22 14	11 39	15 35	15 37	11 10	13 49	6 53
S 9	16 43	26 58	4 28	14 43	0 39	9 1	1 29	17 46	1 49	20 58	0 31	20 15	0 9	11 32	0 44	9 12	1 50	22 14	11 40	15 39	15 38	11 13	13 49	6 53
M10	17 0	27 18	3 52	14 3	0 58	9 29	1 29	17 40	1 51	21 1	0 31	20 15	0 9	11 32	0 44	9 11	1 50	22 14	11 40	15 42	15 39	11 16	13 49	6 52
T 11	17 17	26 14	3 5	13 27	1 15	9 56	1 28	17 34	1 53	21 3	0 30	20 15	0 9	11 31	0 45	9 11	1 50	22 14	11 40	15 44	15 40	11 19	13 49	6 52
W12	17 34	23 47	2 8	12 55	1 31	10 24	1 26	17 27	1 54	21 5	0 30	20 15	0 9	11 31	0 45	9 10	1 50	22 14	11 41	15 46	15 41	11 22	13 49	6 51
T 13	17 50	20 3	1 3	12 29	1 45	10 51	1 25	17 21	1 56	21 7	0 30	20 15	0 9	11 30	0 45	9 10	1 50	22 14	11 41	15 46	15 42	11 25	13 49	6 51
F 14	18 6	15 14	0s 7	12 8	1 57	11 17	1 24	17 15	1 57	21 10	0 30	20 15	0 9	11 30	0 45	9 9	1 50	22 14	11 42	15 46	15 43	11 28	13 49	6 50
S 15	18 22	9 32	1 19	11 52	2 6	11 44	1 23	17 9	1 59	21 12	0 30	20 15	0 9	11 29	0 45	9 9	1 50	22 15	11 42	15 46	15 44	11 31	13 49	6 50
S 16	18 37	3 14	2 27	11 42	2 14	12 10	1 22	17 3	2 1	21 14	0 30	20 15	0 9	11 29	0 45	9 8	1 50	22 15	11 43	15 47	15 45	11 34	13 49	6 49
M17	18 53	3s23	3 28	11 38	2 20	12 36	1 20	16 57	2 2	21 16	0 30	20 16	0 9	11 29	0 45	9 8	1 50	22 15	11 43	15 48	15 46	11 37	13 49	6 49
T 18	19 7	9 57	4 17	11 39	2 25	13 2	1 19	16 51	2 4	21 19	0 30	20 16	0 10	11 28	0 45	9 7	1 50	22 15	11 43	15 50	15 47	11 40	13 48	6 48
W19	19 22	16 4	4 48	11 44	2 27	13 27	1 17	16 46	2 6	21 21	0 30	20 16	0 10	11 28	0 45	9 7	1 50	22 15	11 44	15 53	15 48	11 43	13 48	6 48
T 20	19 36	21 14	5 0	11 53	2 29	13 52	1 16	16 40	2 7	21 23	0 29	20 17	0 10	11 28	0 45	9 6	1 49	22 16	11 44	15 56	15 49	11 46	13 48	6 48
F 21	19 49	25 0	4 52	12 6	2 29	14 17	1 14	16 34	2 9	21 25	0 29	20 17	0 10	11 27	0 45	9 6	1 49	22 16	11 45	15 59	15 50	11 49	13 48	6 47
S 22	20 3	27 0	4 23	12 22	2 27	14 41	1 13	16 29	2 11	21 27	0 29	20 17	0 10	11 27	0 45	9 5	1 49	22 16	11 45	16 3	15 51	11 52	13 48	6 47
S 23	20 16	27 7	3 39	12 41	2 25	15 5	1 11	16 24	2 12	21 29	0 29	20 18	0 10	11 27	0 45	9 5	1 49	22 16	11 45	16 5	15 52	11 55	13 48	6 46
M24	20 28	25 30	2 42	13 2	2 22	15 29	1 9	16 18	2 14	21 31	0 29	20 18	0 10	11 26	0 45	9 4	1 49	22 17	11 46	16 7	15 53	11 57	13 47	6 46
T 25	20 40	22 25	1 38	13 25	2 19	15 52	1 8	16 13	2 16	21 33	0 29	20 18	0 10	11 26	0 45	9 4	1 49	22 17	11 46	16 9	15 53	12 0	13 47	6 46
W26	20 52	18 18	0 31	13 49	2 14	16 15	1 6	16 8	2 18	21 35	0 29	20 19	0 11	11 26	0 45	9 4	1 49	22 17	11 47	16 9	15 54	12 3	13 47	6 45
T 27	21 4	13 29	0n36	14 15	2 9	16 37	1 4	16 3	2 20	21 37	0 29	20 19	0 11	11 26	0 45	9 3	1 49	22 18	11 47	16 9	15 55	12 6	13 46	6 45
F 28	21 15	8 14	1 39	14 42	2 4	16 59	1 2	15 59	2 22	21 39	0 29	20 20	0 11	11 26	0 45	9 3	1 49	22 18	11 48	16 9	15 56	12 9	13 46	6 44
S 29	21 25	2 48	2 37	15 9	1 58	17 21	1 0	15 54	2 23	21 41	0 29	20 20	0 11	11 26	0 45	9 2	1 49	22 18	11 48	16 9	15 57	12 12	13 46	6 44
S 30	21s35	2n39	3n27	15s37	1n52	17s42	0n58	15n50	2n25	21s43	0n29	20n21	0n11	11n25	0n45	9n 2	1s49	22n19	11n48	16s10	15s58	12n15	13s46	6n44

Julian Day Number = 2345928.5, Delta T = 11.39 sec
Ecliptic obliquity = 23°28'44, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'13, Lahiri = 19°49'13Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1710
geocentric

DECEMBER 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 37 39	8♐28'37	10♈32	20♏ 0	24♏34	24♌18	11♐40	0°R 3	2♍11	27°R50	0♍31	15°R36	16♒16	20♈28	29♉18	M 1
T 2	4 41 35	9°29'31	22°22	21°23	25°49	24°36	11°54	0♌ 0	2°11	27♈49	0°31	15♒28	16°13	20°35	29°22	T 2
W 3	4 45 32	10°30'27	4♉17	22°47	27° 4	24°53	12° 7	29♋58	2°12	27°48	0°R31	15°18	16°10	20°42	29°25	W 3
T 4	4 49 28	11°31'23	16°19	24°12	28°20	25°10	12°21	29°56	2°12	27°47	0°31	15° 7	16° 7	20°48	29°29	T 4
F 5	4 53 25	12°32'20	28°31	25°38	29°35	25°26	12°35	29°53	2°12	27°46	0°31	14°54	16° 3	20°55	29°33	F 5
S 6	4 57 21	13°33'18	10♊52	27° 5	0♐51	25°42	12°48	29°51	2°12	27°45	0°31	14°42	16° 0	21° 2	29°37	S 6
S 7	5 1 18	14°34'16	23°24	28°33	2° 6	25°58	13° 2	29°48	2°12	27°44	0°31	14°32	15°57	21° 9	29°41	S 7
M 8	5 5 15	15°35'16	6♋ 7	0♐ 1	3°22	26°13	13°15	29°46	2°R12	27°43	0°31	14°23	15°54	21°15	29°45	M 8
T 9	5 9 11	16°36'17	19° 0	1°30	4°37	26°27	13°29	29°43	2°12	27°42	0°30	14°18	15°51	21°22	29°49	T 9
W10	5 13 8	17°37'18	2♌ 5	3° 0	5°52	26°41	13°43	29°40	2°12	27°41	0°30	14°15	15°47	21°29	29°53	W10
T 11	5 17 4	18°38'21	15°20	4°30	7° 8	26°54	13°56	29°37	2°12	27°40	0°30	14°D14	15°44	21°35	29°57	T 11
F 12	5 21 1	19°39'24	28°48	6° 0	8°23	27° 7	14°10	29°34	2°12	27°39	0°30	14°15	15°41	21°42	0♒ 1	F 12
S 13	5 24 57	20°40'28	12♍30	7°31	9°39	27°19	14°23	29°30	2°12	27°38	0°29	14°16	15°38	21°49	0° 5	S 13
S 14	5 28 54	21°41'33	26°26	9° 2	10°54	27°31	14°37	29°27	2°11	27°37	0°29	14°R16	15°35	21°56	0° 9	S 14
M15	5 32 50	22°42'40	10♎36	10°33	12°10	27°42	14°50	29°24	2°11	27°36	0°29	14°14	15°32	22° 2	0°13	M15
T 16	5 36 47	23°43'47	25° 0	12° 4	13°25	27°52	15° 4	29°20	2°10	27°36	0°28	14°11	15°28	22° 9	0°18	T 16
W17	5 40 44	24°44'54	9♏33	13°36	14°41	28° 2	15°17	29°17	2°10	27°35	0°28	14° 5	15°25	22°16	0°22	W17
T 18	5 44 40	25°46'03	24°10	15° 8	15°56	28°11	15°31	29°13	2° 9	27°34	0°27	13°57	15°22	22°22	0°26	T 18
F 19	5 48 37	26°47'12	8♐46	16°40	17°12	28°20	15°44	29° 9	2° 9	27°33	0°27	13°49	15°19	22°29	0°31	F 19
S 20	5 52 33	27°48'22	23°12	18°13	18°27	28°28	15°58	29° 6	2° 8	27°33	0°26	13°42	15°16	22°36	0°35	S 20
S 21	5 56 30	28°49'33	7♉22	19°46	19°43	28°35	16°11	29° 2	2° 8	27°32	0°26	13°35	15°13	22°43	0°40	S 21
M22	6 0 26	29°50'43	21°11	21°19	20°58	28°41	16°25	28°58	2° 7	27°32	0°25	13°31	15° 9	22°49	0°44	M22
T 23	6 4 23	0♉51'54	4♒37	22°52	22°14	28°47	16°38	28°54	2° 6	27°31	0°25	13°29	15° 6	22°56	0°49	T 23
W24	6 8 20	1°53'05	17°39	24°25	23°29	28°52	16°52	28°50	2° 5	27°31	0°24	13°D28	15° 3	23° 3	0°53	W24
T 25	6 12 16	2°54'15	0♓18	25°59	24°45	28°57	17° 5	28°46	2° 4	27°30	0°23	13°30	15° 0	23° 9	0°58	T 25
F 26	6 16 13	3°55'26	12°39	27°33	26° 0	29° 1	17°18	28°41	2° 3	27°30	0°23	13°31	14°57	23°16	1° 2	F 26
S 27	6 20 9	4°56'36	24°45	29° 7	27°16	29° 4	17°32	28°37	2° 2	27°29	0°22	13°33	14°53	23°23	1° 7	S 27
S 28	6 24 6	5°57'47	6♈41	0♉42	28°31	29° 6	17°45	28°33	2° 1	27°29	0°21	13°R33	14°50	23°30	1°11	S 28
M29	6 28 2	6°58'57	18°32	2°16	29°47	29° 8	17°58	28°28	2° 0	27°28	0°21	13°32	14°47	23°36	1°16	M29
T 30	6 31 59	8° 0'07	0♉24	3°52	1♉ 2	29° 8	18°11	28°24	1°59	27°28	0°20	13°30	14°44	23°43	1°21	T 30
W31	6 35 55	9♉ 1'16	12♉21	5♉27	2♉18	29°R 8	18♐25	28♋19	1♍58	27♈28	0♍19	13♒26	14♒41	23♈50	1♒25	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	21s45	7n59	4n 8	16s 5	1n45	18s 2	0n56	15n45	2n27	21s45	0n28	20n21	0n11	11n25	0n45	9n 2	1s49	22n19	11n49	16s11	15s59	12n18	13s45	6n43
T 2	21 55	13 2	4 39	16 33	1 39	18 22	0 54	15 41	2 29	21 47	0 28	20 22	0 11	11 25	0 45	9 1	1 49	22 19	11 49	16 13	16 0	12 21	13 45	6 43
W 3	22 4	17 37	4 57	17 1	1 32	18 42	0 52	15 37	2 31	21 49	0 28	20 23	0 11	11 25	0 46	9 1	1 49	22 20	11 50	16 16	16 1	12 24	13 44	6 42
T 4	22 12	21 34	5 2	17 29	1 25	19 1	0 50	15 33	2 33	21 51	0 28	20 23	0 12	11 25	0 46	9 0	1 49	22 20	11 50	16 20	16 2	12 27	13 44	6 42
F 5	22 20	24 38	4 54	17 57	1 17	19 19	0 48	15 30	2 35	21 53	0 28	20 24	0 12	11 25	0 46	9 0	1 49	22 21	11 51	16 23	16 3	12 30	13 44	6 42
S 6	22 28	26 36	4 32	18 24	1 10	19 37	0 46	15 26	2 37	21 54	0 28	20 24	0 12	11 25	0 46	9 0	1 49	22 21	11 51	16 27	16 4	12 32	13 43	6 41
S 7	22 35	27 15	3 57	18 51	1 3	19 55	0 43	15 23	2 39	21 56	0 28	20 25	0 12	11 25	0 46	8 59	1 49	22 21	11 51	16 30	16 5	12 35	13 43	6 41
M 8	22 42	26 29	3 9	19 17	0 55	20 11	0 41	15 19	2 41	21 58	0 28	20 26	0 12	11 25	0 46	8 59	1 49	22 22	11 52	16 32	16 6	12 38	13 42	6 41
T 9	22 48	24 17	2 11	19 43	0 48	20 28	0 39	15 16	2 43	22 0	0 28	20 27	0 12	11 25	0 46	8 59	1 49	22 22	11 52	16 34	16 7	12 41	13 42	6 40
W10	22 54	20 47	1 5	20 8	0 41	20 43	0 37	15 14	2 45	22 1	0 28	20 27	0 12	11 25	0 46	8 58	1 49	22 23	11 53	16 35	16 8	12 44	13 41	6 40
T 11	23 0	16 10	0s 6	20 32	0 33	20 58	0 34	15 11	2 47	22 3	0 28	20 28	0 12	11 25	0 46	8 58	1 49	22 23	11 53	16 35	16 9	12 47	13 41	6 40
F 12	23 4	10 42	1 17	20 55	0 26	21 13	0 32	15 8	2 49	22 5	0 28	20 29	0 13	11 25	0 46	8 58	1 49	22 24	11 53	16 35	16 10	12 50	13 40	6 39
S 13	23 9	4 38	2 26	21 18	0 19	21 27	0 30	15 6	2 51	22 7	0 27	20 30	0 13	11 26	0 46	8 58	1 49	22 24	11 54	16 35	16 11	12 53	13 40	6 39
S 14	23 13	1s44	3 27	21 39	0 11	21 40	0 27	15 4	2 54	22 8	0 27	20 30	0 13	11 26	0 46	8 57	1 48	22 25	11 54	16 35	16 12	12 55	13 39	6 39
M15	23 17	8 8	4 16	22 0	0 4	21 53	0 25	15 2	2 56	22 10	0 27	20 31	0 13	11 26	0 46	8 57	1 48	22 25	11 55	16 35	16 12	12 58	13 39	6 39
T 16	23 20	14 11	4 50	22 19	0s 3	22 5	0 22	15 1	2 58	22 11	0 27	20 32	0 13	11 26	0 46	8 57	1 48	22 26	11 55	16 36	16 13	13 1	13 38	6 38
W17	23 22	19 31	5 6	22 38	0 10	22 16	0 20	14 59	3 0	22 13	0 27	20 33	0 13	11 26	0 46	8 57	1 48	22 26	11 56	16 38	16 14	13 4	13 37	6 38
T 18	23 25	23 43	5 2	22 56	0 17	22 27	0 18	14 58	3 2	22 14	0 27	20 34	0 13	11 27	0 46	8 56	1 48	22 27	11 56	16 40	16 15	13 7	13 37	6 38
F 19	23 26	26 23	4 39	23 12	0 24	22 37	0 15	14 57	3 4	22 16	0 27	20 35	0 13	11 27	0 46	8 56	1 48	22 27	11 56	16 42	16 16	13 10	13 36	6 37
S 20	23 28	27 15	3 58	23 27	0 30	22 46	0 13	14 57	3 7	22 17	0 27	20 36	0 13	11 27	0 46	8 56	1 48	22 28	11 57	16 44	16 17	13 13	13 35	6 37
S 21	23 28	26 19	3 2	23 42	0 37	22 54	0 10	14 56	3 9	22 19	0 27	20 37	0 14	11 27	0 46	8 56	1 48	22 29	11 57	16 46	16 18	13 15	13 35	6 37
M22	23 29	23 45	1 58	23 55	0 43	23 2	0 8	14 56	3 11	22 20	0 27	20 37	0 14	11 28	0 46	8 56	1 48	22 29	11 58	16 48	16 19	13 18	13 34	6 37
T 23	23 29	19 55	0 48	24 6	0 49	23 10	0 5	14 56	3 13	22 22	0 27	20 38	0 14	11 28	0 46	8 56	1 48	22 30	11 58	16 48	16 20	13 21	13 33	6 36
W24	23 28	15 13	0n23	24 17	0 55	23 16	0 3	14 56	3 16	22 23	0 27	20 39	0 14	11 28	0 46	8 55	1 48	22 30	11 58	16 48	16 21	13 24	13 33	6 36
T 25	23 27	9 59	1 30	24 26	1 1	23 22	0 1	14 57	3 18	22 25	0 27	20 40	0 14	11 29	0 46	8 55	1 48	22 31	11 59	16 48	16 22	13 27	13 32	6 36
F 26	23 25	4 29	2 32	24 34	1 7	23 27	0s 2	14 58	3 20	22 26	0 27	20 41	0 14	11 29	0 47	8 55	1 48	22 31	11 59	16 48	16 23	13 30	13 31	6 36
S 27	23 23	1n 3	3 25	24 41	1 12	23 31	0 4	14 59	3 23	22 27	0 26	20 42	0 14	11 29	0 47	8 55	1 48	22 32	11 59	16 47	16 24	13 32	13 30	6 35
S 28	23 21	6 28	4 9	24 46	1 18	23 35	0 7	15 0	3 25	22 28	0 26	20 43	0 14	11 30	0 47	8 55	1 48	22 33	12 0	16 47	16 25	13 35	13 30	6 35
M29	23 18	11 37	4 42	24 50	1 23	23 38	0 9	15 2	3 27	22 30	0 26	20 44	0 15	11 30	0 47	8 55	1 48	22 33	12 0	16 47	16 26	13 38	13 29	6 35
T 30	23 14	16 22	5 3	24 53	1 27	23 40	0 11	15 4	3 30	22 31	0 26	20 45	0 15	11 31	0 47	8 55	1 48	22 34	12 1	16 48	16 26	13 41	13 28	6 35
W31	23s10	20n30	5n11	24s54	1s32	23s41	0s14	15n 6	3n32	22s32	0n26	20n46	0n15	11n31	0n47	8n55	1s48	22n35	12n 1	16s49	16s27	13n44	13s27	6n35

Julian Day Number = 2345958.5, Delta T = 11.38 sec
Ecliptic obliquity = 23°28'43, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'17, Lahiri = 19°49'18Greg. Calendar