Astrodienst Ephemeris Tables

for the year 1703

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 1703
geocentric

JANUARY 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 39 35	9♑58'05	14♊44	21♐31	2♑52	24♓10	6♈16	3♈22	23°R 1	9♈30	15°R44	18°R48	19♋21	28♉36	19♏16	M 1
T 2	6 43 32	10°59'14	26°43	22°56	4° 7	24°52	6°22	3°25	22♋59	9°30	15♌43	18♋47	19°18	28°42	19°22	T 2
W 3	6 47 29	12° 0'22	8♋49	24°22	5°23	25°33	6°29	3°28	22°56	9°30	15°41	18°46	19°15	28°49	19°28	W 3
T 4	6 51 25	13° 1'31	21° 5	25°49	6°38	26°15	6°35	3°31	22°54	9°31	15°40	18°D46	19°12	28°56	19°34	T 4
F 5	6 55 22	14° 2'39	3♌31	27°16	7°54	26°56	6°42	3°34	22°51	9°31	15°39	18°46	19° 8	29° 3	19°41	F 5
S 6	6 59 18	15° 3'47	16° 9	28°44	9° 9	27°38	6°49	3°37	22°49	9°32	15°38	18°47	19° 5	29° 9	19°46	S 6
S 7	7 3 15	16° 4'55	28°59	0♑13	10°25	28°20	6°56	3°40	22°46	9°32	15°37	18°47	19° 2	29°16	19°52	S 7
M 8	7 7 11	17° 6'03	12♍ 4	1°42	11°40	29° 1	7° 4	3°44	22°43	9°33	15°35	18°47	18°59	29°23	19°58	M 8
T 9	7 11 8	18° 7'11	25°23	3°12	12°56	29°43	7°11	3°47	22°41	9°34	15°34	18°47	18°56	29°29	20° 4	T 9
W10	7 15 5	19° 8'18	8♎58	4°42	14°11	0♈25	7°19	3°51	22°38	9°34	15°33	18°R47	18°52	29°36	20° 9	W10
T 11	7 19 1	20° 9'25	22°49	6°13	15°27	1° 6	7°26	3°54	22°36	9°35	15°32	18°D47	18°49	29°43	20°15	T 11
F 12	7 22 58	21°10'33	6♏57	7°44	16°42	1°48	7°34	3°58	22°33	9°36	15°30	18°47	18°46	29°49	20°20	F 12
S 13	7 26 54	22°11'40	21°19	9°16	17°57	2°29	7°42	4° 2	22°30	9°37	15°29	18°48	18°43	29°56	20°26	S 13
S 14	7 30 51	23°12'47	5♐52	10°48	19°13	3°11	7°51	4° 6	22°28	9°37	15°28	18°48	18°40	0♊ 3	20°31	S 14
M15	7 34 47	24°13'54	20°32	12°21	20°28	3°53	7°59	4°10	22°25	9°38	15°27	18°48	18°37	0° 9	20°36	M15
T 16	7 38 44	25°15'00	5♑13	13°55	21°44	4°34	8° 8	4°14	22°23	9°39	15°25	18°49	18°33	0°16	20°42	T 16
W17	7 42 40	26°16'06	19°49	15°29	22°59	5°16	8°16	4°18	22°20	9°40	15°24	18°R49	18°30	0°23	20°47	W17
T 18	7 46 37	27°17'11	4♒12	17° 4	24°15	5°57	8°25	4°23	22°17	9°41	15°22	18°49	18°27	0°30	20°52	T 18
F 19	7 50 34	28°18'15	18°19	18°39	25°30	6°39	8°34	4°27	22°15	9°42	15°21	18°48	18°24	0°36	20°56	F 19
S 20	7 54 30	29°19'19	2♓ 4	20°15	26°45	7°21	8°43	4°31	22°12	9°43	15°20	18°47	18°21	0°43	21° 1	S 20
S 21	7 58 27	0♒20'21	15°25	21°51	28° 1	8° 2	8°52	4°36	22°10	9°44	15°18	18°45	18°18	0°50	21° 6	S 21
M22	8 2 23	1°21'22	28°23	23°28	29°16	8°44	9° 2	4°41	22° 7	9°45	15°17	18°44	18°14	0°56	21°11	M22
T 23	8 6 20	2°22'22	11♈ 0	25° 6	0♒32	9°26	9°11	4°45	22° 4	9°46	15°16	18°42	18°11	1° 3	21°15	T 23
W24	8 10 16	3°23'22	23°19	26°44	1°47	10° 7	9°21	4°50	22° 2	9°47	15°14	18°41	18° 8	1°10	21°20	W24
T 25	8 14 13	4°24'19	5♉23	28°23	3° 2	10°49	9°30	4°55	21°59	9°48	15°13	18°D41	18° 5	1°16	21°24	T 25
F 26	8 18 9	5°25'16	17°18	0♒ 2	4°18	11°30	9°40	5° 0	21°57	9°50	15°11	18°41	18° 2	1°23	21°28	F 26
S 27	8 22 6	6°26'12	29° 8	1°43	5°33	12°12	9°50	5° 5	21°54	9°51	15°10	18°42	17°58	1°30	21°32	S 27
S 28	8 26 3	7°27'06	10♊59	3°23	6°48	12°53	10° 0	5°10	21°52	9°52	15° 8	18°44	17°55	1°36	21°36	S 28
M29	8 29 59	8°27'59	22°54	5° 5	8° 4	13°35	10°10	5°15	21°49	9°53	15° 7	18°46	17°52	1°43	21°40	M29
T 30	8 33 56	9°28'51	4♋58	6°48	9°19	14°16	10°21	5°20	21°47	9°55	15° 6	18°47	17°49	1°50	21°44	T 30
W31	8 37 52	10♒29'41	17♋13	8♒31	10♒34	14♈58	10♈31	5♈26	21♋44	9♈56	15♌ 4	18°R48	17♋46	1♊56	21♏48	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	23s 6	19n39	2s58	22s52	0n20	23s41	0s14	2s43	0s25	1n18	1s18	0s53	2s26	22n 1	0n31	2n18	1s36	24n19	8n34	22n 9	22n 5	15n59	15s39	2n 0
T 2	23 1	21 27	1 59	23 5	0 12	23 41	0 16	2 25	0 24	1 20	1 18	0 52	2 26	22 2	0 31	2 18	1 36	24 19	8 35	22 10	22 5	16 1	15 40	2 0
W 3	22 56	22 16	0 55	23 17	0 5	23 41	0 19	2 7	0 23	1 23	1 18	0 51	2 25	22 2	0 31	2 18	1 36	24 20	8 35	22 10	22 6	16 3	15 42	2 0
T 4	22 50	22 2	0n13	23 28	0s 3	23 40	0 21	1 49	0 22	1 26	1 18	0 49	2 25	22 3	0 31	2 18	1 36	24 20	8 35	22 10	22 6	16 5	15 43	2 1
F 5	22 44	20 43	1 21	23 37	0 10	23 38	0 23	1 32	0 20	1 29	1 17	0 48	2 25	22 3	0 31	2 19	1 36	24 21	8 35	22 10	22 7	16 7	15 44	2 1
S 6	22 37	18 21	2 26	23 46	0 18	23 35	0 26	1 14	0 19	1 32	1 17	0 46	2 25	22 4	0 31	2 19	1 36	24 22	8 36	22 10	22 7	16 9	15 45	2 2
S 7	22 30	15 3	3 25	23 53	0 25	23 32	0 28	0 56	0 18	1 35	1 17	0 45	2 24	22 4	0 31	2 19	1 36	24 22	8 36	22 10	22 7	16 11	15 46	2 2
M 8	22 23	10 58	4 15	24 0	0 32	23 28	0 30	0 39	0 17	1 38	1 17	0 43	2 24	22 4	0 31	2 19	1 36	24 23	8 36	22 9	22 8	16 13	15 47	2 3
T 9	22 15	6 18	4 52	24 5	0 38	23 23	0 32	0 21	0 15	1 41	1 16	0 42	2 24	22 5	0 31	2 20	1 36	24 23	8 36	22 9	22 8	16 15	15 48	2 3
W10	22 6	1 14	5 13	24 9	0 45	23 18	0 35	0 3	0 14	1 45	1 16	0 40	2 24	22 5	0 31	2 20	1 36	24 24	8 36	22 9	22 9	16 17	15 50	2 4
T 11	21 58	3s59	5 17	24 11	0 51	23 12	0 37	0n14	0 13	1 48	1 16	0 38	2 24	22 6	0 31	2 20	1 36	24 24	8 36	22 9	22 9	16 19	15 51	2 4
F 12	21 48	9 6	5 2	24 13	0 58	23 5	0 39	0 32	0 12	1 51	1 16	0 37	2 23	22 6	0 31	2 21	1 35	24 25	8 37	22 9	22 10	16 21	15 52	2 5
S 13	21 39	13 48	4 28	24 13	1 4	22 57	0 41	0 50	0 11	1 55	1 15	0 35	2 23	22 7	0 31	2 21	1 35	24 26	8 37	22 9	22 10	16 23	15 53	2 5
S 14	21 29	17 46	3 37	24 11	1 9	22 49	0 43	1 7	0 10	1 58	1 15	0 33	2 23	22 7	0 31	2 21	1 35	24 26	8 37	22 9	22 10	16 25	15 53	2 5
M15	21 18	20 38	2 31	24 9	1 15	22 40	0 45	1 25	0 9	2 2	1 15	0 31	2 23	22 8	0 31	2 22	1 35	24 27	8 37	22 9	22 11	16 27	15 54	2 6
T 16	21 7	22 8	1 15	24 5	1 20	22 30	0 47	1 42	0 7	2 5	1 15	0 30	2 22	22 8	0 31	2 22	1 35	24 27	8 37	22 9	22 11	16 29	15 55	2 6
W17	20 56	22 6	0s 6	23 59	1 25	22 19	0 49	2 0	0 6	2 9	1 14	0 28	2 22	22 8	0 31	2 23	1 35	24 28	8 38	22 9	22 12	16 31	15 56	2 7
T 18	20 44	20 36	1 24	23 52	1 30	22 8	0 51	2 17	0 5	2 13	1 14	0 26	2 22	22 9	0 31	2 23	1 35	24 28	8 38	22 9	22 12	16 33	15 57	2 7
F 19	20 32	17 51	2 36	23 44	1 34	21 57	0 53	2 35	0 4	2 16	1 14	0 24	2 22	22 9	0 31	2 23	1 35	24 29	8 38	22 9	22 13	16 35	15 58	2 8
S 20	20 19	14 8	3 37	23 35	1 39	21 44	0 55	2 52	0 3	2 20	1 14	0 22	2 22	22 10	0 31	2 24	1 35	24 30	8 38	22 10	22 13	16 36	15 59	2 8
S 21	20 7	9 49	4 25	23 23	1 43	21 31	0 57	3 10	0 2	2 24	1 13	0 20	2 21	22 10	0 31	2 24	1 35	24 30	8 38	22 10	22 14	16 38	15 59	2 9
M22	19 53	5 11	4 57	23 11	1 46	21 17	0 58	3 27	0 1	2 28	1 13	0 18	2 21	22 11	0 31	2 25	1 35	24 31	8 38	22 10	22 14	16 40	16 0	2 9
T 23	19 40	0 27	5 14	22 57	1 50	21 3	1 0	3 44	0 0	2 32	1 13	0 16	2 21	22 11	0 32	2 25	1 35	24 31	8 38	22 10	22 14	16 42	16 1	2 10
W24	19 26	4n11	5 16	22 41	1 53	20 48	1 2	4 2	0n 1	2 36	1 13	0 14	2 21	22 11	0 32	2 26	1 35	24 32	8 39	22 10	22 15	16 44	16 1	2 10
T 25	19 11	8 34	5 3	22 24	1 56	20 32	1 4	4 19	0 2	2 40	1 12	0 12	2 21	22 12	0 32	2 26	1 35	24 32	8 39	22 10	22 15	16 46	16 2	2 11
F 26	18 57	12 34	4 38	22 6	1 58	20 16	1 5	4 36	0 3	2 44	1 12	0 10	2 20	22 12	0 32	2 27	1 35	24 33	8 39	22 10	22 16	16 48	16 3	2 11
S 27	18 42	16 4	4 1	21 46	2 0	19 59	1 7	4 53	0 4	2 48	1 12	0 7	2 20	22 13	0 32	2 27	1 35	24 33	8 39	22 10	22 16	16 50	16 3	2 12
S 28	18 26	18 55	3 14	21 24	2 2	19 42	1 8	5 10	0 5	2 52	1 12	0 5	2 20	22 13	0 32	2 28	1 35	24 34	8 39	22 10	22 17	16 52	16 4	2 12
M29	18 11	20 59	2 18	21 1	2 3	19 24	1 10	5 27	0 6	2 56	1 12	0 3	2 20	22 13	0 32	2 28	1 35	24 35	8 39	22 10	22 17	16 54	16 4	2 13
T 30	17 54	22 7	1 16	20 36	2 4	19 6	1 11	5 44	0 7	3 1	1 11	0 1	2 20	22 14	0 32	2 29	1 35	24 35	8 39	22 10	22 17	16 56	16 5	2 13
W31	17s38	22n13	0s 9	20s10	2s 4	18s46	1s12	6n 1	0n 8	3n 5	1s11	0n 2	2s19	22n14	0n32	2n29	1s35	24n36	8n39	22n 9	22n18	16n58	16s 5	2n14

Julian Day Number = 2343067.5, Delta T = 13.31 sec
Ecliptic obliquity = 23°28'37, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'40, Lahiri = 19°42'40Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1703
geocentric

FEBRUARY 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 41 49	11♒30'30	29♋42	10♒14	11♒49	15♈39	10♈42	5♈31	21°R42	9♈57	15°R 3	18°R47	17♋43	2♊ 3	21♏51	T 1
F 2	8 45 45	12°31'18	12♌26	11°59	13° 5	16°21	10°52	5°37	21♋40	9°59	15♌ 1	18♋45	17°39	2°10	21°55	F 2
S 3	8 49 42	13°32'05	25°26	13°44	14°20	17° 2	11° 3	5°42	21°37	10° 0	15° 0	18°43	17°36	2°17	21°58	S 3
S 4	8 53 38	14°32'50	8♍42	15°30	15°35	17°44	11°14	5°48	21°35	10° 2	14°58	18°39	17°33	2°23	22° 2	S 4
M 5	8 57 35	15°33'34	22°10	17°17	16°50	18°25	11°25	5°53	21°33	10° 3	14°57	18°34	17°30	2°30	22° 5	M 5
T 6	9 1 32	16°34'17	5♎51	19° 5	18° 6	19° 6	11°36	5°59	21°30	10° 5	14°56	18°30	17°27	2°37	22° 8	T 6
W 7	9 5 28	17°34'59	19°42	20°53	19°21	19°48	11°47	6° 5	21°28	10° 6	14°54	18°27	17°23	2°43	22°11	W 7
T 8	9 9 25	18°35'40	3♏40	22°41	20°36	20°29	11°59	6°11	21°26	10° 8	14°53	18°24	17°20	2°50	22°14	T 8
F 9	9 13 21	19°36'20	17°45	24°31	21°51	21°10	12°10	6°17	21°23	10° 9	14°51	18°D24	17°17	2°57	22°17	F 9
S 10	9 17 18	20°36'59	1♐55	26°21	23° 6	21°52	12°21	6°23	21°21	10°11	14°50	18°24	17°14	3° 3	22°20	S 10
S 11	9 21 14	21°37'37	16° 7	28°11	24°22	22°33	12°33	6°29	21°19	10°12	14°48	18°25	17°11	3°10	22°22	S 11
M12	9 25 11	22°38'13	0♑21	0♓ 2	25°37	23°14	12°45	6°35	21°17	10°14	14°47	18°27	17° 8	3°17	22°25	M12
T 13	9 29 7	23°38'49	14°33	1°52	26°52	23°55	12°56	6°41	21°15	10°16	14°45	18°R28	17° 4	3°23	22°27	T 13
W14	9 33 4	24°39'23	28°40	3°43	28° 7	24°37	13° 8	6°47	21°13	10°17	14°44	18°27	17° 1	3°30	22°29	W14
T 15	9 37 1	25°39'55	12♒39	5°34	29°22	25°18	13°20	6°53	21°11	10°19	14°43	18°25	16°58	3°37	22°32	T 15
F 16	9 40 57	26°40'26	26°27	7°24	0♓37	25°59	13°32	7° 0	21° 9	10°21	14°41	18°21	16°55	3°43	22°34	F 16
S 17	9 44 54	27°40'55	9♓59	9°14	1°52	26°40	13°44	7° 6	21° 7	10°23	14°40	18°15	16°52	3°50	22°36	S 17
S 18	9 48 50	28°41'23	23°14	11° 3	3° 8	27°21	13°57	7°13	21° 5	10°24	14°38	18° 8	16°49	3°57	22°37	S 18
M19	9 52 47	29°41'49	6♈10	12°50	4°23	28° 3	14° 9	7°19	21° 3	10°26	14°37	18° 1	16°45	4° 3	22°39	M19
T 20	9 56 43	0♓42'13	18°46	14°36	5°38	28°44	14°21	7°26	21° 1	10°28	14°36	17°54	16°42	4°10	22°41	T 20
W21	10 0 40	1°42'35	1♉ 6	16°20	6°53	29°25	14°34	7°32	20°59	10°30	14°34	17°48	16°39	4°17	22°42	W21
T 22	10 4 36	2°42'55	13°12	18° 1	8° 8	0♉ 6	14°46	7°39	20°58	10°32	14°33	17°43	16°36	4°23	22°44	T 22
F 23	10 8 33	3°43'14	25° 8	19°39	9°23	0°47	14°59	7°45	20°56	10°34	14°31	17°41	16°33	4°30	22°45	F 23
S 24	10 12 30	4°43'30	6♊58	21°14	10°38	1°28	15°11	7°52	20°54	10°36	14°30	17°D41	16°29	4°37	22°46	S 24
S 25	10 16 26	5°43'44	18°48	22°44	11°53	2° 9	15°24	7°59	20°53	10°37	14°29	17°42	16°26	4°44	22°47	S 25
M26	10 20 23	6°43'56	0♋44	24° 9	13° 8	2°50	15°37	8° 6	20°51	10°39	14°27	17°43	16°23	4°50	22°48	M26
T 27	10 24 19	7°44'07	12°49	25°29	14°22	3°31	15°50	8°13	20°49	10°41	14°26	17°R44	16°20	4°57	22°49	T 27
W28	10 28 16	8♓44'15	25♋ 9	26♓44	15♓37	4♉12	16♈ 3	8♈20	20♋48	10♈43	14♌25	17♋44	16♋17	5♊ 4	22♏50	W28

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	17s21	21n13	1n 0	19s42	2s 5	18s27	1s14	6n18	0n 9	3n 9	1s11	0n 4	2s19	22n15	0n32	2n30	1s35	24n36	8n39	22n 9	22n18	17n 0	16s 6	2n14	T 1
F 2	17 4	19 7	2 7	19 13	2 4	18 7	1 15	6 35	0 10	3 14	1 11	0 6	2 19	22 15	0 32	2 31	1 35	24 37	8 39	22 10	22 19	17 1	16 6	2 15	F 2
S 3	16 47	16 1	3 8	18 42	2 3	17 46	1 16	6 52	0 11	3 18	1 11	0 9	2 19	22 15	0 32	2 31	1 34	24 37	8 40	22 10	22 19	17 3	16 6	2 16	S 3
S 4	16 30	12 2	4 1	18 9	2 2	17 25	1 17	7 9	0 11	3 22	1 10	0 11	2 19	22 16	0 31	2 32	1 34	24 38	8 40	22 11	22 19	17 5	16 7	2 16	S 4
M 5	16 12	7 24	4 41	17 35	2 0	17 3	1 18	7 25	0 12	3 27	1 10	0 13	2 19	22 16	0 31	2 32	1 34	24 38	8 40	22 11	22 20	17 7	16 7	2 17	M 5
T 6	15 54	2 21	5 6	17 0	1 58	16 41	1 19	7 42	0 13	3 31	1 10	0 16	2 18	22 16	0 31	2 33	1 34	24 39	8 40	22 12	22 20	17 9	16 7	2 17	T 6
W 7	15 35	2s53	5 13	16 23	1 56	16 19	1 20	7 58	0 14	3 36	1 10	0 18	2 18	22 17	0 31	2 34	1 34	24 39	8 40	22 12	22 21	17 11	16 8	2 18	W 7
T 8	15 17	8 1	5 2	15 44	1 52	15 55	1 21	8 15	0 15	3 41	1 10	0 21	2 18	22 17	0 31	2 34	1 34	24 40	8 40	22 13	22 21	17 13	16 8	2 18	T 8
F 9	14 58	12 47	4 33	15 4	1 48	15 32	1 22	8 31	0 16	3 45	1 9	0 23	2 18	22 18	0 31	2 35	1 34	24 40	8 40	22 13	22 21	17 15	16 8	2 19	F 9
S 10	14 39	16 52	3 47	14 23	1 44	15 8	1 22	8 47	0 17	3 50	1 9	0 26	2 18	22 18	0 31	2 36	1 34	24 41	8 40	22 13	22 22	17 17	16 8	2 19	S 10
S 11	14 19	19 58	2 48	13 40	1 39	14 44	1 23	9 3	0 18	3 54	1 9	0 28	2 18	22 18	0 31	2 36	1 34	24 41	8 40	22 12	22 22	17 19	16 8	2 20	S 11
M12	13 59	21 51	1 37	12 56	1 33	14 19	1 24	9 20	0 18	3 59	1 9	0 31	2 18	22 18	0 31	2 37	1 34	24 42	8 40	22 12	22 23	17 20	16 8	2 20	M12
T 13	13 40	22 20	0 21	12 11	1 27	13 54	1 24	9 36	0 19	4 4	1 9	0 33	2 17	22 19	0 31	2 38	1 34	24 42	8 40	22 12	22 23	17 22	16 8	2 21	T 13
W14	13 19	21 22	0s55	11 24	1 20	13 28	1 25	9 52	0 20	4 9	1 8	0 36	2 17	22 19	0 31	2 38	1 34	24 43	8 40	22 12	22 23	17 24	16 8	2 22	W14
T 15	12 59	19 5	2 8	10 36	1 12	13 3	1 25	10 7	0 21	4 13	1 8	0 38	2 17	22 19	0 31	2 39	1 34	24 43	8 40	22 12	22 24	17 26	16 8	2 22	T 15
F 16	12 39	15 43	3 12	9 48	1 4	12 36	1 26	10 23	0 22	4 18	1 8	0 41	2 17	22 20	0 31	2 40	1 34	24 44	8 40	22 13	22 24	17 28	16 8	2 23	F 16
S 17	12 18	11 35	4 4	8 58	0 55	12 10	1 26	10 39	0 22	4 23	1 8	0 44	2 17	22 20	0 31	2 40	1 34	24 44	8 40	22 14	22 25	17 30	16 8	2 23	S 17
S 18	11 57	6 59	4 41	8 8	0 46	11 43	1 26	10 54	0 23	4 28	1 8	0 46	2 17	22 20	0 31	2 41	1 34	24 44	8 40	22 15	22 25	17 32	16 8	2 24	S 18
M19	11 36	2 11	5 3	7 18	0 35	11 16	1 26	11 10	0 24	4 33	1 8	0 49	2 17	22 21	0 31	2 42	1 34	24 45	8 40	22 16	22 25	17 33	16 8	2 24	M19
T 20	11 14	2n36	5 9	6 27	0 25	10 48	1 27	11 25	0 25	4 38	1 7	0 52	2 16	22 21	0 31	2 43	1 34	24 45	8 40	22 17	22 26	17 35	16 8	2 25	T 20
W21	10 53	7 10	5 1	5 36	0 13	10 20	1 27	11 41	0 25	4 43	1 7	0 54	2 16	22 21	0 31	2 43	1 34	24 46	8 40	22 18	22 26	17 37	16 8	2 25	W21
T 22	10 31	11 23	4 39	4 46	0 1	9 52	1 27	11 56	0 26	4 48	1 7	0 57	2 16	22 21	0 31	2 44	1 34	24 46	8 40	22 18	22 27	17 39	16 8	2 26	T 22
F 23	10 10	15 6	4 6	3 55	0n12	9 24	1 27	12 11	0 27	4 53	1 7	1 0	2 16	22 22	0 31	2 45	1 34	24 47	8 40	22 18	22 27	17 41	16 8	2 27	F 23
S 24	9 48	18 11	3 22	3 6	0 25	8 56	1 26	12 26	0 28	4 58	1 7	1 3	2 16	22 22	0 31	2 46	1 34	24 47	8 40	22 18	22 27	17 43	16 7	2 27	S 24
S 25	9 26	20 31	2 30	2 18	0 38	8 27	1 26	12 41	0 28	5 3	1 7	1 5	2 16	22 22	0 31	2 47	1 34	24 47	8 40	22 18	22 28	17 45	16 7	2 28	S 25
M26	9 3	21 58	1 31	1 32	0 52	7 58	1 26	12 56	0 29	5 8	1 7	1 8	2 16	22 22	0 31	2 47	1 34	24 48	8 40	22 18	22 28	17 46	16 7	2 28	M26
T 27	8 41	22 25	0 27	0 47	1 6	7 29	1 26	13 10	0 30	5 13	1 6	1 11	2 16	22 23	0 31	2 48	1 34	24 48	8 40	22 18	22 29	17 48	16 6	2 29	T 27
W28	8s18	21n47	0n40	0s 4	1n20	6s59	1s25	13n25	0n30	5n18	1s 6	1n14	2s16	22n23	0n31	2n49	1s34	24n49	8n40	22n18	22n29	17n50	16s 6	2n29	W28

Julian Day Number = 2343098.5, Delta T = 13.28 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'44, Lahiri = 19°42'44Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1703
geocentric

MARCH 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 32 12	9♓44'21	7♌48	27♓51	16♓52	4♉53	16♈16	8♈26	20°R46	10♈45	14°R24	17°R42	16♋14	5♊10	22♏50	T 1
F 2	10 36 9	10°44'25	20°47	28°52	18° 7	5°34	16°29	8°33	20♋45	10°47	14♌22	17♋37	16°10	5°17	22°51	F 2
S 3	10 40 5	11°44'27	4♍ 7	29°45	19°22	6°14	16°42	8°40	20°44	10°49	14°21	17°31	16° 7	5°24	22°51	S 3
S 4	10 44 2	12°44'27	17°47	0♈29	20°37	6°55	16°55	8°47	20°42	10°51	14°20	17°22	16° 4	5°30	22°52	S 4
M 5	10 47 58	13°44'26	1♎44	1° 6	21°51	7°36	17° 8	8°54	20°41	10°54	14°18	17°13	16° 1	5°37	22°52	M 5
T 6	10 51 55	14°44'22	15°53	1°34	23° 6	8°17	17°22	9° 2	20°40	10°56	14°17	17° 3	15°58	5°44	22°R52	T 6
W 7	10 55 52	15°44'17	0♏ 9	1°53	24°21	8°57	17°35	9° 9	20°39	10°58	14°16	16°55	15°55	5°50	22°52	W 7
T 8	10 59 48	16°44'10	14°28	2° 3	25°36	9°38	17°48	9°16	20°37	11° 0	14°15	16°49	15°51	5°57	22°52	T 8
F 9	11 3 45	17°44'01	28°44	2°R 5	26°50	10°19	18° 2	9°23	20°36	11° 2	14°14	16°45	15°48	6° 4	22°51	F 9
S 10	11 7 41	18°43'51	12♐56	1°58	28° 5	11° 0	18°15	9°30	20°35	11° 4	14°13	16°D43	15°45	6°10	22°51	S 10
S 11	11 11 38	19°43'39	27° 1	1°42	29°20	11°40	18°29	9°37	20°34	11° 6	14°11	16°43	15°42	6°17	22°51	S 11
M12	11 15 34	20°43'25	10♑59	1°19	0♈34	12°21	18°42	9°45	20°33	11° 8	14°10	16°R44	15°39	6°24	22°50	M12
T 13	11 19 31	21°43'10	24°48	0°49	1°49	13° 1	18°56	9°52	20°32	11°10	14° 9	16°44	15°35	6°30	22°49	T 13
W14	11 23 27	22°42'53	8♒30	0°12	3° 4	13°42	19°10	9°59	20°32	11°13	14° 8	16°42	15°32	6°37	22°48	W14
T 15	11 27 24	23°42'34	22° 3	29♓29	4°18	14°22	19°23	10° 7	20°31	11°15	14° 7	16°37	15°29	6°44	22°48	T 15
F 16	11 31 21	24°42'14	5♓25	28°42	5°33	15° 3	19°37	10°14	20°30	11°17	14° 6	16°30	15°26	6°50	22°47	F 16
S 17	11 35 17	25°41'51	18°36	27°52	6°47	15°43	19°51	10°21	20°29	11°19	14° 5	16°20	15°23	6°57	22°45	S 17
S 18	11 39 14	26°41'26	1♈34	26°59	8° 2	16°24	20° 5	10°29	20°29	11°21	14° 4	16° 8	15°20	7° 4	22°44	S 18
M19	11 43 10	27°40'59	14°18	26° 5	9°16	17° 4	20°19	10°36	20°28	11°24	14° 3	15°55	15°16	7°10	22°43	M19
T 20	11 47 7	28°40'30	26°47	25°11	10°31	17°45	20°33	10°44	20°28	11°26	14° 2	15°42	15°13	7°17	22°41	T 20
W21	11 51 3	29°39'59	9♉ 2	24°18	11°45	18°25	20°47	10°51	20°27	11°28	14° 1	15°31	15°10	7°24	22°40	W21
T 22	11 55 0	0♈39'26	21° 6	23°27	13° 0	19° 6	21° 1	10°59	20°27	11°30	14° 0	15°23	15° 7	7°30	22°38	T 22
F 23	11 58 56	1°38'51	3♊ 0	22°39	14°14	19°46	21°15	11° 6	20°26	11°33	13°59	15°17	15° 4	7°37	22°36	F 23
S 24	12 2 53	2°38'13	14°49	21°55	15°28	20°26	21°29	11°14	20°26	11°35	13°58	15°13	15° 0	7°44	22°35	S 24
S 25	12 6 50	3°37'33	26°38	21°15	16°43	21° 6	21°43	11°21	20°26	11°37	13°57	15°12	14°57	7°50	22°33	S 25
M26	12 10 46	4°36'51	8♋32	20°41	17°57	21°47	21°57	11°29	20°26	11°39	13°57	15°12	14°54	7°57	22°31	M26
T 27	12 14 43	5°36'06	20°37	20°11	19°11	22°27	22°11	11°36	20°25	11°42	13°56	15°12	14°51	8° 4	22°28	T 27
W28	12 18 39	6°35'19	2♌57	19°47	20°25	23° 7	22°25	11°44	20°25	11°44	13°55	15°11	14°48	8°10	22°26	W28
T 29	12 22 36	7°34'30	15°38	19°28	21°40	23°47	22°40	11°51	20°D25	11°46	13°54	15° 8	14°45	8°17	22°24	T 29
F 30	12 26 32	8°33'38	28°44	19°16	22°54	24°27	22°54	11°59	20°25	11°48	13°54	15° 2	14°41	8°24	22°21	F 30
S 31	12 30 29	9♈32'45	12♍15	19♓ 8	24♈ 8	25♉ 8	23♈ 8	12♈ 6	20♋25	11♈51	13♌53	14♋54	14♋38	8♊30	22♏19	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
T 1	7s56	20n 3	1n46	0n36	1n35	6s30	1s25	13n39	0n31	5n23	1s 6	1n17	2s15	22n23	0n31	2n50	1s34	24n49	8n40	22n18	22n29	17n52	16s 6	2n30
F 2	7 33	17 14	2 48	1 13	1 49	6 0	1 24	13 54	0 32	5 28	1 6	1 19	2 15	22 23	0 31	2 51	1 34	24 49	8 40	22 19	22 30	17 54	16 5	2 30
S 3	7 10	13 28	3 42	1 46	2 3	5 30	1 24	14 8	0 32	5 34	1 6	1 22	2 15	22 23	0 31	2 51	1 34	24 50	8 40	22 20	22 30	17 56	16 5	2 31
S 4	6 47	8 55	4 26	2 17	2 16	5 0	1 23	14 22	0 33	5 39	1 6	1 25	2 15	22 24	0 31	2 52	1 34	24 50	8 40	22 21	22 31	17 57	16 4	2 32
M 5	6 24	3 48	4 54	2 43	2 29	4 30	1 22	14 36	0 34	5 44	1 6	1 28	2 15	22 24	0 31	2 53	1 34	24 50	8 40	22 22	22 31	17 59	16 4	2 32
T 6	6 1	1s34	5 5	3 6	2 42	3 59	1 22	14 50	0 34	5 49	1 5	1 31	2 15	22 24	0 31	2 54	1 34	24 51	8 40	22 23	22 31	18 1	16 3	2 33
W 7	5 38	6 55	4 57	3 24	2 53	3 29	1 21	15 3	0 35	5 54	1 5	1 34	2 15	22 24	0 31	2 55	1 34	24 51	8 40	22 24	22 32	18 3	16 3	2 33
T 8	5 15	11 54	4 30	3 37	3 3	2 59	1 20	15 17	0 35	6 0	1 5	1 37	2 15	22 24	0 31	2 55	1 34	24 51	8 40	22 25	22 32	18 5	16 2	2 34
F 9	4 51	16 13	3 47	3 46	3 13	2 28	1 19	15 30	0 36	6 5	1 5	1 40	2 15	22 24	0 31	2 56	1 33	24 52	8 40	22 26	22 32	18 6	16 1	2 34
S 10	4 28	19 34	2 50	3 51	3 20	1 57	1 18	15 44	0 37	6 10	1 5	1 42	2 15	22 25	0 31	2 57	1 33	24 52	8 40	22 26	22 33	18 8	16 1	2 35
S 11	4 4	21 43	1 43	3 50	3 27	1 27	1 17	15 57	0 37	6 15	1 5	1 45	2 15	22 25	0 31	2 58	1 33	24 52	8 40	22 26	22 33	18 10	16 0	2 36
M12	3 41	22 31	0 31	3 45	3 31	0 56	1 16	16 10	0 38	6 21	1 5	1 48	2 15	22 25	0 31	2 59	1 33	24 52	8 40	22 26	22 34	18 12	15 59	2 36
T 13	3 17	21 54	0s43	3 36	3 34	0 25	1 15	16 23	0 38	6 26	1 5	1 51	2 15	22 25	0 31	3 0	1 33	24 53	8 40	22 26	22 34	18 14	15 59	2 37
W14	2 54	19 59	1 53	3 22	3 36	0n 6	1 13	16 36	0 39	6 31	1 4	1 54	2 14	22 25	0 31	3 1	1 33	24 53	8 40	22 26	22 34	18 15	15 58	2 37
T 15	2 30	16 58	2 56	3 5	3 35	0 37	1 12	16 48	0 40	6 37	1 4	1 57	2 14	22 25	0 31	3 1	1 33	24 53	8 39	22 27	22 35	18 17	15 57	2 38
F 16	2 6	13 5	3 48	2 43	3 32	1 8	1 11	17 1	0 40	6 42	1 4	2 0	2 14	22 25	0 31	3 2	1 33	24 53	8 39	22 27	22 35	18 19	15 56	2 38
S 17	1 43	8 37	4 27	2 19	3 27	1 38	1 9	17 13	0 41	6 47	1 4	2 3	2 14	22 25	0 31	3 3	1 33	24 54	8 39	22 29	22 35	18 21	15 56	2 39
S 18	1 19	3 50	4 52	1 52	3 21	2 9	1 8	17 26	0 41	6 52	1 4	2 6	2 14	22 25	0 31	3 4	1 33	24 54	8 39	22 30	22 36	18 23	15 55	2 40
M19	0 55	1n 1	5 1	1 23	3 13	2 40	1 6	17 38	0 42	6 58	1 4	2 9	2 14	22 26	0 31	3 5	1 33	24 54	8 39	22 32	22 36	18 24	15 54	2 40
T 20	0 32	5 44	4 56	0 53	3 3	3 11	1 5	17 50	0 42	7 3	1 4	2 12	2 14	22 26	0 31	3 6	1 33	24 54	8 39	22 33	22 36	18 26	15 53	2 41
W21	0 8	10 9	4 37	0 22	2 52	3 41	1 3	18 1	0 43	7 8	1 4	2 15	2 14	22 26	0 31	3 7	1 33	24 54	8 39	22 34	22 37	18 28	15 52	2 41
T 22	0n16	14 6	4 6	0s10	2 39	4 12	1 1	18 13	0 43	7 14	1 4	2 18	2 14	22 26	0 31	3 8	1 33	24 55	8 39	22 35	22 37	18 30	15 51	2 42
F 23	0 39	17 27	3 24	0 41	2 26	4 42	1 0	18 25	0 44	7 19	1 4	2 21	2 14	22 26	0 31	3 8	1 33	24 55	8 39	22 36	22 38	18 31	15 50	2 42
S 24	1 3	20 4	2 34	1 12	2 11	5 13	0 58	18 36	0 44	7 24	1 3	2 24	2 14	22 26	0 31	3 9	1 33	24 55	8 39	22 36	22 38	18 33	15 49	2 43
S 25	1 27	21 49	1 37	1 41	1 56	5 43	0 56	18 47	0 45	7 30	1 3	2 26	2 14	22 26	0 31	3 10	1 33	24 55	8 38	22 37	22 38	18 35	15 48	2 43
M26	1 50	22 37	0 35	2 9	1 41	6 13	0 54	18 58	0 45	7 35	1 3	2 29	2 14	22 26	0 31	3 11	1 33	24 55	8 38	22 37	22 39	18 37	15 47	2 44
T 27	2 14	22 22	0n29	2 35	1 25	6 43	0 52	19 9	0 46	7 41	1 3	2 32	2 14	22 26	0 31	3 12	1 33	24 55	8 38	22 37	22 39	18 38	15 46	2 44
W28	2 37	21 2	1 33	2 59	1 10	7 13	0 50	19 20	0 46	7 46	1 3	2 35	2 14	22 26	0 31	3 13	1 33	24 55	8 38	22 37	22 39	18 40	15 45	2 45
T 29	3 1	18 37	2 34	3 21	0 54	7 43	0 48	19 30	0 47	7 51	1 3	2 38	2 14	22 26	0 31	3 14	1 33	24 56	8 38	22 37	22 40	18 42	15 44	2 46
F 30	3 24	15 11	3 29	3 40	0 38	8 12	0 46	19 41	0 47	7 57	1 3	2 41	2 14	22 26	0 31	3 15	1 33	24 56	8 38	22 38	22 40	18 44	15 43	2 46
S 31	3n47	10n53	4n14	3s57	0n23	8n42	0s44	19n51	0n48	8n 2	1s 3	2n44	2s14	22n26	0n31	3n15	1s33	24n56	8n38	22n39	22n40	18n45	15s42	2n47

Julian Day Number = 2343126.5, Delta T = 13.26 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'48, Lahiri = 19°42'48Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1703
geocentric

APRIL 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 34 25	10♈31'48	26♍12	19°D 7	25♈22	25♉48	23♈22	12♈14	20♋26	11♈53	13°R52	14°R44	14♋35	8♊37	22°R16	S 1
M 2	12 38 22	11°30'50	10♎31	19♓11	26°36	26°28	23°37	12°21	20°26	11°55	13♌51	14♋32	14°32	8°44	22♏14	M 2
T 3	12 42 18	12°29'50	25° 6	19°20	27°50	27° 8	23°51	12°29	20°26	11°57	13°51	14°20	14°29	8°50	22°11	T 3
W 4	12 46 15	13°28'48	9♏49	19°34	29° 4	27°48	24° 5	12°37	20°26	12° 0	13°50	14°10	14°26	8°57	22° 8	W 4
T 5	12 50 12	14°27'44	24°34	19°54	0♉18	28°28	24°19	12°44	20°27	12° 2	13°50	14° 2	14°22	9° 4	22° 5	T 5
F 6	12 54 8	15°26'38	9♐11	20°18	1°32	29° 8	24°34	12°52	20°27	12° 4	13°49	13°56	14°19	9°10	22° 2	F 6
S 7	12 58 5	16°25'30	23°37	20°46	2°46	29°48	24°48	12°59	20°27	12° 6	13°49	13°53	14°16	9°17	21°59	S 7
S 8	13 2 1	17°24'21	7♑49	21°19	4° 0	0♊27	25° 3	13° 7	20°28	12° 9	13°48	13°52	14°13	9°24	21°56	S 8
M 9	13 5 58	18°23'10	21°44	21°56	5°14	1° 7	25°17	13°14	20°28	12°11	13°48	13°52	14°10	9°31	21°53	M 9
T 10	13 9 54	19°21'58	5♒25	22°37	6°28	1°47	25°31	13°22	20°29	12°13	13°47	13°52	14° 6	9°37	21°49	T 10
W11	13 13 51	20°20'43	18°51	23°21	7°42	2°27	25°46	13°29	20°30	12°16	13°47	13°50	14° 3	9°44	21°46	W11
T 12	13 17 48	21°19'27	2♓ 4	24° 9	8°56	3° 7	26° 0	13°37	20°30	12°18	13°46	13°45	14° 0	9°51	21°42	T 12
F 13	13 21 44	22°18'09	15° 5	25° 0	10° 9	3°47	26°15	13°44	20°31	12°20	13°46	13°37	13°57	9°57	21°39	F 13
S 14	13 25 41	23°16'49	27°54	25°54	11°23	4°26	26°29	13°52	20°32	12°22	13°45	13°26	13°54	10° 4	21°35	S 14
S 15	13 29 37	24°15'28	10♈33	26°52	12°37	5° 6	26°43	13°59	20°33	12°24	13°45	13°14	13°51	10°11	21°32	S 15
M16	13 33 34	25°14'04	23° 0	27°52	13°51	5°46	26°58	14° 7	20°34	12°27	13°45	13° 0	13°47	10°17	21°28	M16
T 17	13 37 30	26°12'39	5♉17	28°55	15° 4	6°25	27°12	14°14	20°35	12°29	13°45	12°47	13°44	10°24	21°24	T 17
W18	13 41 27	27°11'12	17°23	0♈ 1	16°18	7° 5	27°27	14°22	20°36	12°31	13°44	12°35	13°41	10°31	21°20	W18
T 19	13 45 23	28° 9'42	29°21	1° 9	17°32	7°45	27°41	14°29	20°37	12°33	13°44	12°26	13°38	10°37	21°16	T 19
F 20	13 49 20	29° 8'11	11♊12	2°20	18°45	8°24	27°55	14°37	20°38	12°36	13°44	12°19	13°35	10°44	21°12	F 20
S 21	13 53 16	0♉ 6'38	23° 0	3°33	19°59	9° 4	28°10	14°44	20°39	12°38	13°44	12°15	13°32	10°51	21° 8	S 21
S 22	13 57 13	1° 5'03	4♋48	4°49	21°12	9°43	28°24	14°51	20°40	12°40	13°44	12°13	13°28	10°57	21° 4	S 22
M23	14 1 10	2° 3'25	16°40	6° 6	22°26	10°23	28°39	14°59	20°42	12°42	13°43	12°D13	13°25	11° 4	21° 0	M23
T 24	14 5 6	3° 1'46	28°43	7°26	23°39	11° 2	28°53	15° 6	20°43	12°44	13°43	12°R14	13°22	11°11	20°56	T 24
W25	14 9 3	4° 0'04	11♌ 2	8°48	24°52	11°42	29° 8	15°13	20°44	12°46	13°43	12°13	13°19	11°17	20°52	W25
T 26	14 12 59	4°58'20	23°41	10°12	26° 6	12°21	29°22	15°21	20°46	12°49	13°D43	12°12	13°16	11°24	20°48	T 26
F 27	14 16 56	5°56'34	6♍45	11°38	27°19	13° 1	29°36	15°28	20°47	12°51	13°43	12° 8	13°12	11°31	20°43	F 27
S 28	14 20 52	6°54'46	20°17	13° 6	28°32	13°40	29°51	15°35	20°49	12°53	13°43	12° 2	13° 9	11°37	20°39	S 28
S 29	14 24 49	7°52'57	4♎19	14°36	29°46	14°19	0♉ 5	15°42	20°50	12°55	13°43	11°54	13° 6	11°44	20°35	S 29
M30	14 28 45	8♉51'05	18♎47	16♈ 8	0♊59	14♊59	0♉19	15♈49	20♋52	12♈57	13♌44	11♋45	13♋ 3	11♊51	20♏30	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	4n11	5n52	4n45	4s11	0n 8	9n11	0s42	20n 1	0n48	8n 7	1s 3	2n47	2s14	22n26	0n31	3n16	1s33	24n56	8n38	22n40	22n41	18n47	15s40	2n47
M 2	4 34	0 26	5 0	4 23	0s 6	9 40	0 40	20 11	0 49	8 13	1 3	2 50	2 14	22 26	0 31	3 17	1 33	24 56	8 37	22 41	22 41	18 49	15 39	2 48
T 3	4 57	5s 9	4 55	4 32	0 20	10 8	0 37	20 21	0 49	8 18	1 3	2 53	2 14	22 26	0 31	3 18	1 33	24 56	8 37	22 42	22 41	18 51	15 38	2 48
W 4	5 20	10 29	4 31	4 39	0 33	10 37	0 35	20 30	0 49	8 23	1 3	2 56	2 14	22 26	0 31	3 19	1 33	24 56	8 37	22 43	22 42	18 52	15 37	2 49
T 5	5 43	15 14	3 49	4 43	0 46	11 5	0 33	20 40	0 50	8 29	1 3	2 59	2 14	22 25	0 31	3 20	1 33	24 56	8 37	22 44	22 42	18 54	15 36	2 49
F 6	6 5	19 2	2 52	4 45	0 58	11 33	0 31	20 49	0 50	8 34	1 2	3 2	2 14	22 25	0 31	3 21	1 33	24 56	8 37	22 45	22 42	18 56	15 34	2 50
S 7	6 28	21 35	1 45	4 44	1 10	12 1	0 28	20 58	0 51	8 39	1 2	3 5	2 14	22 25	0 31	3 22	1 33	24 56	8 37	22 45	22 43	18 57	15 33	2 50
S 8	6 51	22 43	0 32	4 41	1 21	12 28	0 26	21 7	0 51	8 44	1 2	3 8	2 14	22 25	0 31	3 23	1 33	24 56	8 37	22 45	22 43	18 59	15 32	2 51
M 9	7 13	22 24	0s42	4 36	1 31	12 55	0 23	21 15	0 52	8 50	1 2	3 10	2 14	22 25	0 31	3 23	1 33	24 56	8 36	22 45	22 43	19 1	15 30	2 51
T 10	7 35	20 45	1 51	4 29	1 41	13 22	0 21	21 24	0 52	8 55	1 2	3 13	2 14	22 25	0 31	3 24	1 33	24 56	8 36	22 45	22 44	19 3	15 29	2 52
W11	7 58	17 57	2 54	4 19	1 50	13 48	0 19	21 32	0 52	9 0	1 2	3 16	2 14	22 25	0 31	3 25	1 33	24 56	8 36	22 45	22 44	19 4	15 28	2 52
T 12	8 20	14 16	3 45	4 8	1 58	14 15	0 16	21 41	0 53	9 6	1 2	3 19	2 14	22 25	0 30	3 26	1 33	24 56	8 36	22 46	22 44	19 6	15 26	2 53
F 13	8 42	9 57	4 25	3 55	2 6	14 40	0 14	21 49	0 53	9 11	1 2	3 22	2 14	22 25	0 30	3 27	1 33	24 56	8 36	22 47	22 45	19 8	15 25	2 53
S 14	9 4	5 16	4 50	3 40	2 13	15 6	0 11	21 56	0 54	9 16	1 2	3 25	2 14	22 24	0 30	3 28	1 33	24 56	8 36	22 48	22 45	19 9	15 24	2 54
S 15	9 25	0 25	5 0	3 22	2 19	15 31	0 9	22 4	0 54	9 21	1 2	3 28	2 14	22 24	0 30	3 29	1 33	24 56	8 36	22 49	22 45	19 11	15 22	2 54
M16	9 47	4n22	4 56	3 4	2 25	15 55	0 6	22 11	0 54	9 27	1 2	3 31	2 14	22 24	0 30	3 29	1 33	24 56	8 35	22 50	22 46	19 13	15 21	2 55
T 17	10 8	8 56	4 38	2 43	2 30	16 20	0 3	22 19	0 55	9 32	1 2	3 33	2 14	22 24	0 30	3 30	1 33	24 56	8 35	22 52	22 46	19 14	15 19	2 55
W18	10 29	13 5	4 8	2 21	2 34	16 44	0 1	22 26	0 55	9 37	1 2	3 36	2 14	22 24	0 30	3 31	1 33	24 56	8 35	22 53	22 46	19 16	15 18	2 56
T 19	10 50	16 41	3 27	1 58	2 38	17 7	0n 2	22 33	0 55	9 42	1 2	3 39	2 15	22 24	0 30	3 32	1 34	24 56	8 35	22 54	22 47	19 18	15 16	2 56
F 20	11 11	19 34	2 37	1 32	2 41	17 30	0 4	22 39	0 56	9 47	1 2	3 42	2 15	22 23	0 30	3 33	1 34	24 56	8 35	22 54	22 47	19 19	15 15	2 56
S 21	11 32	21 37	1 40	1 6	2 44	17 53	0 7	22 46	0 56	9 53	1 2	3 45	2 15	22 23	0 30	3 34	1 34	24 56	8 35	22 55	22 47	19 21	15 14	2 57
S 22	11 52	22 44	0 39	0 38	2 46	18 15	0 10	22 52	0 56	9 58	1 2	3 47	2 15	22 23	0 30	3 35	1 34	24 55	8 34	22 55	22 48	19 23	15 12	2 57
M23	12 12	22 50	0n24	0 8	2 48	18 36	0 12	22 58	0 57	10 3	1 2	3 50	2 15	22 23	0 30	3 35	1 34	24 55	8 34	22 55	22 48	19 24	15 11	2 58
T 24	12 32	21 52	1 27	0n23	2 48	18 57	0 15	23 4	0 57	10 8	1 2	3 53	2 15	22 23	0 30	3 36	1 34	24 55	8 34	22 55	22 48	19 26	15 9	2 58
W25	12 52	19 51	2 27	0 55	2 49	19 18	0 18	23 10	0 57	10 13	1 2	3 56	2 15	22 22	0 30	3 37	1 34	24 55	8 34	22 55	22 49	19 28	15 8	2 59
T 26	13 12	16 49	3 22	1 28	2 48	19 38	0 20	23 16	0 58	10 18	1 2	3 58	2 15	22 22	0 30	3 38	1 34	24 55	8 34	22 55	22 49	19 29	15 6	2 59
F 27	13 31	12 53	4 8	2 2	2 48	19 58	0 23	23 21	0 58	10 23	1 2	4 1	2 15	22 22	0 30	3 39	1 34	24 55	8 34	22 55	22 49	19 31	15 5	2 59
S 28	13 51	8 11	4 43	2 38	2 46	20 17	0 25	23 26	0 58	10 28	1 2	4 4	2 15	22 22	0 30	3 39	1 34	24 55	8 33	22 56	22 50	19 33	15 3	3 0
S 29	14 10	2 53	5 1	3 14	2 44	20 35	0 28	23 31	0 59	10 34	1 2	4 7	2 15	22 21	0 30	3 40	1 34	24 54	8 33	22 57	22 50	19 34	15 2	3 0
M30	14n28	2s43	5n 2	3n52	2s42	20n53	0n31	23n36	0n59	10n39	1s 1	4n 9	2s15	22n21	0n30	3n41	1s34	24n54	8n33	22n57	22n50	19n36	15s 0	3n 1

Julian Day Number = 2343157.5, Delta T = 13.23 sec
Ecliptic obliquity = 23°28'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'52, Lahiri = 19°42'52Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1703
geocentric

MAY 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 32 42	9♉49'11	3♏36	17♈42	2♊12	15♊38	0♉34	15♈57	20♋54	12♈59	13♌44	11°R35	13♋ 0	11♊57	20°R26	T 1
W 2	14 36 39	10°47'16	18°38	19°18	3°25	16°17	0°48	16° 4	20°55	13° 1	13°44	11♋27	12°57	12° 4	20♏21	W 2
T 3	14 40 35	11°45'19	3♐43	20°56	4°38	16°57	1° 2	16°11	20°57	13° 3	13°44	11°20	12°53	12°11	20°17	T 3
F 4	14 44 32	12°43'21	18°43	22°36	5°52	17°36	1°16	16°18	20°59	13° 5	13°44	11°16	12°50	12°17	20°13	F 4
S 5	14 48 28	13°41'21	3♑28	24°17	7° 5	18°15	1°31	16°25	21° 1	13° 7	13°44	11°14	12°47	12°24	20° 8	S 5
S 6	14 52 25	14°39'20	17°55	26° 1	8°18	18°54	1°45	16°32	21° 3	13° 9	13°45	11°D14	12°44	12°31	20° 4	S 6
M 7	14 56 21	15°37'17	2♒ 0	27°47	9°31	19°34	1°59	16°39	21° 5	13°11	13°45	11°15	12°41	12°37	19°59	M 7
T 8	15 0 18	16°35'14	15°43	29°34	10°44	20°13	2°13	16°46	21° 7	13°13	13°45	11°R15	12°37	12°44	19°55	T 8
W 9	15 4 14	17°33'09	29° 5	1♉24	11°56	20°52	2°27	16°53	21° 9	13°15	13°46	11°14	12°34	12°51	19°50	W 9
T 10	15 8 11	18°31'02	12♓ 9	3°15	13° 9	21°31	2°42	16°59	21°11	13°17	13°46	11°12	12°31	12°57	19°46	T 10
F 11	15 12 8	19°28'55	24°57	5° 9	14°22	22°10	2°56	17° 6	21°13	13°19	13°46	11° 7	12°28	13° 4	19°41	F 11
S 12	15 16 4	20°26'46	7♈31	7° 4	15°35	22°49	3°10	17°13	21°15	13°21	13°47	11° 0	12°25	13°11	19°36	S 12
S 13	15 20 1	21°24'35	19°54	9° 1	16°48	23°28	3°24	17°20	21°17	13°23	13°47	10°52	12°22	13°17	19°32	S 13
M14	15 23 57	22°22'24	2♉ 7	11° 0	18° 0	24° 7	3°38	17°26	21°19	13°25	13°48	10°43	12°18	13°24	19°27	M14
T 15	15 27 54	23°20'11	14°11	13° 1	19°13	24°46	3°52	17°33	21°22	13°27	13°48	10°34	12°15	13°30	19°23	T 15
W16	15 31 50	24°17'57	26° 8	15° 4	20°26	25°25	4° 6	17°40	21°24	13°28	13°49	10°26	12°12	13°37	19°18	W16
T 17	15 35 47	25°15'42	8♊ 0	17° 8	21°38	26° 4	4°20	17°46	21°26	13°30	13°49	10°20	12° 9	13°44	19°14	T 17
F 18	15 39 43	26°13'25	19°48	19°14	22°51	26°43	4°33	17°53	21°29	13°32	13°50	10°16	12° 6	13°50	19° 9	F 18
S 19	15 43 40	27°11'07	1♋35	21°22	24° 4	27°22	4°47	17°59	21°31	13°34	13°50	10°13	12° 3	13°57	19° 5	S 19
S 20	15 47 37	28° 8'47	13°24	23°30	25°16	28° 1	5° 1	18° 6	21°34	13°36	13°51	10°D13	11°59	14° 4	19° 1	S 20
M21	15 51 33	29° 6'26	25°18	25°40	26°29	28°40	5°15	18°12	21°36	13°37	13°52	10°14	11°56	14°10	18°56	M21
T 22	15 55 30	0♊ 4'03	7♌22	27°51	27°41	29°19	5°29	18°18	21°39	13°39	13°52	10°16	11°53	14°17	18°52	T 22
W23	15 59 26	1° 1'39	19°41	0♊ 2	28°53	29°58	5°42	18°25	21°41	13°41	13°53	10°17	11°50	14°24	18°47	W23
T 24	16 3 23	1°59'14	2♍18	2°14	0♋ 6	0♋36	5°56	18°31	21°44	13°42	13°54	10°R17	11°47	14°30	18°43	T 24
F 25	16 7 19	2°56'47	15°18	4°26	1°18	1°15	6° 9	18°37	21°47	13°44	13°55	10°17	11°43	14°37	18°39	F 25
S 26	16 11 16	3°54'18	28°45	6°38	2°30	1°54	6°23	18°43	21°49	13°46	13°55	10°14	11°40	14°44	18°35	S 26
S 27	16 15 12	4°51'49	12♎41	8°49	3°43	2°33	6°37	18°49	21°52	13°47	13°56	10°11	11°37	14°50	18°30	S 27
M28	16 19 9	5°49'17	27° 5	11° 0	4°55	3°12	6°50	18°55	21°55	13°49	13°57	10° 6	11°34	14°57	18°26	M28
T 29	16 23 6	6°46'45	11♏53	13°10	6° 7	3°50	7° 3	19° 1	21°58	13°50	13°58	10° 1	11°31	15° 4	18°22	T 29
W30	16 27 2	7°44'12	26°58	15°18	7°19	4°29	7°17	19° 7	22° 1	13°52	13°59	9°57	11°28	15°10	18°18	W30
T 31	16 30 59	8♊41'37	12♐12	17♊26	8♋31	5♋ 8	7♉30	19♈13	22♋ 4	13♈53	14♌ 0	9♋54	11♋24	15♊17	18♏14	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	14n47	8s19	4n42	4n31	2s38	21n11	0n33	23n41	0n59	10n44	1s 1	4n12	2s15	22n21	0n30	3n42	1s34	24n54	8n33	22n58	22n50	19n37	14s59	3n 1
W 2	15 5	13 30	4 3	5 11	2 35	21 28	0 36	23 45	0 59	10 49	1 1	4 15	2 16	22 21	0 30	3 43	1 34	24 54	8 33	22 59	22 51	19 39	14 57	3 1
T 3	15 23	17 53	3 7	5 51	2 31	21 44	0 38	23 50	1 0	10 54	1 1	4 17	2 16	22 20	0 30	3 43	1 34	24 54	8 33	23 0	22 51	19 41	14 56	3 2
F 4	15 41	21 3	1 58	6 33	2 26	21 59	0 41	23 54	1 0	10 59	1 1	4 20	2 16	22 20	0 30	3 44	1 34	24 53	8 32	23 0	22 51	19 42	14 54	3 2
S 5	15 58	22 44	0 41	7 15	2 21	22 15	0 44	23 57	1 0	11 3	1 1	4 22	2 16	22 20	0 30	3 45	1 34	24 53	8 32	23 0	22 52	19 44	14 53	3 2
S 6	16 16	22 52	0s36	7 58	2 15	22 29	0 46	24 1	1 0	11 8	1 1	4 25	2 16	22 19	0 30	3 46	1 34	24 53	8 32	23 0	22 52	19 45	14 51	3 3
M 7	16 33	21 31	1 49	8 42	2 9	22 43	0 49	24 5	1 1	11 13	1 1	4 28	2 16	22 19	0 30	3 46	1 34	24 53	8 32	23 0	22 52	19 47	14 49	3 3
T 8	16 49	18 55	2 54	9 26	2 2	22 56	0 51	24 8	1 1	11 18	1 1	4 30	2 16	22 19	0 30	3 47	1 34	24 52	8 32	23 0	22 53	19 49	14 48	3 3
W 9	17 6	15 22	3 48	10 11	1 55	23 9	0 54	24 11	1 1	11 23	1 1	4 33	2 16	22 18	0 30	3 48	1 34	24 52	8 32	23 0	22 53	19 50	14 46	3 4
T 10	17 22	11 9	4 29	10 56	1 47	23 20	0 56	24 14	1 2	11 28	1 1	4 35	2 16	22 18	0 30	3 49	1 34	24 52	8 31	23 0	22 53	19 52	14 45	3 4
F 11	17 38	6 31	4 55	11 42	1 39	23 32	0 58	24 16	1 2	11 33	1 1	4 38	2 17	22 18	0 30	3 49	1 34	24 52	8 31	23 1	22 54	19 53	14 43	3 4
S 12	17 53	1 42	5 6	12 28	1 30	23 42	1 1	24 19	1 2	11 37	1 1	4 40	2 17	22 17	0 30	3 50	1 34	24 51	8 31	23 1	22 54	19 55	14 42	3 5
S 13	18 9	3n 7	5 3	13 14	1 21	23 52	1 3	24 21	1 2	11 42	1 1	4 42	2 17	22 17	0 30	3 51	1 34	24 51	8 31	23 2	22 54	19 57	14 40	3 5
M14	18 24	7 45	4 46	14 1	1 12	24 1	1 6	24 23	1 2	11 47	1 1	4 45	2 17	22 17	0 30	3 51	1 34	24 51	8 31	23 3	22 54	19 58	14 39	3 5
T 15	18 38	12 2	4 16	14 47	1 3	24 10	1 8	24 25	1 3	11 52	1 1	4 47	2 17	22 16	0 30	3 52	1 34	24 50	8 31	23 3	22 55	20 0	14 37	3 6
W16	18 53	15 50	3 35	15 32	0 53	24 18	1 10	24 27	1 3	11 56	1 1	4 50	2 17	22 16	0 30	3 53	1 34	24 50	8 30	23 4	22 55	20 1	14 36	3 6
T 17	19 7	18 57	2 45	16 18	0 43	24 25	1 12	24 28	1 3	12 1	1 1	4 52	2 17	22 15	0 30	3 53	1 34	24 50	8 30	23 4	22 55	20 3	14 35	3 6
F 18	19 20	21 17	1 48	17 3	0 32	24 31	1 14	24 30	1 3	12 6	1 1	4 54	2 18	22 15	0 30	3 54	1 34	24 49	8 30	23 5	22 56	20 4	14 33	3 6
S 19	19 34	22 41	0 47	17 47	0 22	24 37	1 17	24 31	1 4	12 10	1 2	4 57	2 18	22 15	0 30	3 55	1 34	24 49	8 30	23 5	22 56	20 6	14 32	3 7
S 20	19 47	23 5	0n17	18 30	0 11	24 42	1 19	24 31	1 4	12 15	1 2	4 59	2 18	22 14	0 30	3 55	1 34	24 49	8 30	23 5	22 56	20 8	14 30	3 7
M21	19 59	22 26	1 21	19 12	0 1	24 46	1 21	24 32	1 4	12 19	1 2	5 1	2 18	22 14	0 30	3 56	1 34	24 48	8 30	23 5	22 56	20 9	14 29	3 7
T 22	20 12	20 45	2 22	19 53	0n10	24 50	1 23	24 33	1 4	12 24	1 2	5 4	2 18	22 13	0 30	3 57	1 35	24 48	8 29	23 5	22 57	20 11	14 27	3 7
W23	20 24	18 4	3 18	20 31	0 21	24 53	1 25	24 33	1 4	12 29	1 2	5 6	2 18	22 13	0 30	3 57	1 35	24 48	8 29	23 5	22 57	20 12	14 26	3 8
T 24	20 36	14 30	4 6	21 9	0 31	24 55	1 27	24 33	1 5	12 33	1 2	5 8	2 18	22 13	0 30	3 58	1 35	24 47	8 29	23 5	22 57	20 14	14 25	3 8
F 25	20 47	10 9	4 43	21 44	0 41	24 57	1 28	24 33	1 5	12 37	1 2	5 10	2 19	22 12	0 30	3 58	1 35	24 47	8 29	23 5	22 58	20 15	14 23	3 8
S 26	20 58	5 10	5 6	22 17	0 50	24 57	1 30	24 33	1 5	12 42	1 2	5 12	2 19	22 12	0 30	3 59	1 35	24 47	8 29	23 5	22 58	20 17	14 22	3 8
S 27	21 8	0s14	5 12	22 47	1 0	24 57	1 32	24 32	1 5	12 46	1 2	5 14	2 19	22 11	0 30	4 0	1 35	24 46	8 29	23 5	22 58	20 18	14 21	3 8
M28	21 19	5 48	4 58	23 16	1 9	24 57	1 34	24 32	1 5	12 51	1 2	5 17	2 19	22 11	0 30	4 0	1 35	24 46	8 28	23 6	22 58	20 20	14 19	3 9
T 29	21 29	11 13	4 25	23 41	1 17	24 55	1 35	24 31	1 5	12 55	1 2	5 19	2 19	22 10	0 30	4 1	1 35	24 45	8 28	23 6	22 59	20 21	14 18	3 9
W30	21 38	16 3	3 33	24 4	1 25	24 53	1 37	24 30	1 6	12 59	1 2	5 21	2 19	22 10	0 30	4 1	1 35	24 45	8 28	23 6	22 59	20 23	14 17	3 9
T 31	21n47	19s53	2n26	24n24	1n32	24n50	1n38	24n28	1n 6	13n 4	1s 2	5n23	2s20	22n 9	0n30	4n 2	1s35	24n44	8n28	23n 6	22n59	20n24	14s15	3n 9

Julian Day Number = 2343187.5, Delta T = 13.21 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'56, Lahiri = 19°42'56Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1703
geocentric

JUNE 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 34 55	9♊39'02	27♐23	19♊31	9♋43	5♋46	7♉43	19♈18	22♋ 6	13♈55	14♌ 1	9°R52	11♋21	15♊24	18°R10	F 1
S 2	16 38 52	10°36'26	12♑24	21°35	10°55	6°25	7°56	19°24	22° 9	13°56	14° 2	9°D51	11°18	15°30	18♏ 6	S 2
S 3	16 42 48	11°33'49	27° 6	23°37	12° 7	7° 4	8°10	19°30	22°12	13°58	14° 3	9♋52	11°15	15°37	18° 2	S 3
M 4	16 46 45	12°31'11	11♒24	25°37	13°19	7°42	8°23	19°35	22°15	13°59	14° 4	9°54	11°12	15°44	17°58	M 4
T 5	16 50 41	13°28'33	25°17	27°35	14°30	8°21	8°36	19°41	22°18	14° 0	14° 5	9°55	11° 9	15°50	17°54	T 5
W 6	16 54 38	14°25'54	8♓44	29°30	15°42	9° 0	8°49	19°46	22°21	14° 2	14° 6	9°R56	11° 5	15°57	17°51	W 6
T 7	16 58 35	15°23'15	21°49	1♋23	16°54	9°38	9° 2	19°51	22°25	14° 3	14° 7	9°56	11° 2	16° 4	17°47	T 7
F 8	17 2 31	16°20'35	4♈33	3°14	18° 5	10°17	9°15	19°57	22°28	14° 4	14° 8	9°55	10°59	16°10	17°44	F 8
S 9	17 6 28	17°17'55	17° 0	5° 2	19°17	10°55	9°27	20° 2	22°31	14° 6	14° 9	9°53	10°56	16°17	17°40	S 9
S 10	17 10 24	18°15'14	29°13	6°48	20°28	11°34	9°40	20° 7	22°34	14° 7	14°10	9°50	10°53	16°24	17°37	S 10
M11	17 14 21	19°12'33	11♉16	8°32	21°40	12°12	9°53	20°12	22°37	14° 8	14°11	9°46	10°49	16°30	17°33	M11
T 12	17 18 17	20° 9'52	23°12	10°13	22°51	12°51	10° 5	20°17	22°40	14° 9	14°13	9°43	10°46	16°37	17°30	T 12
W13	17 22 14	21° 7'10	5♊ 3	11°51	24° 3	13°29	10°18	20°22	22°44	14°10	14°14	9°40	10°43	16°44	17°27	W13
T 14	17 26 10	22° 4'27	16°51	13°27	25°14	14° 8	10°30	20°27	22°47	14°11	14°15	9°38	10°40	16°50	17°23	T 14
F 15	17 30 7	23° 1'44	28°38	15° 0	26°25	14°46	10°43	20°32	22°50	14°13	14°16	9°37	10°37	16°57	17°20	F 15
S 16	17 34 4	23°59'01	10♋28	16°31	27°37	15°25	10°55	20°37	22°53	14°14	14°18	9°D37	10°34	17° 4	17°17	S 16
S 17	17 38 0	24°56'17	22°22	18° 0	28°48	16° 3	11° 7	20°41	22°57	14°15	14°19	9°37	10°30	17°10	17°14	S 17
M18	17 41 57	25°53'32	4♌23	19°25	29°59	16°42	11°19	20°46	23° 0	14°16	14°20	9°38	10°27	17°17	17°11	M18
T 19	17 45 53	26°50'47	16°33	20°48	1♌10	17°20	11°32	20°50	23° 4	14°17	14°22	9°39	10°24	17°24	17° 9	T 19
W20	17 49 50	27°48'01	28°57	22° 9	2°21	17°59	11°44	20°55	23° 7	14°18	14°23	9°40	10°21	17°30	17° 6	W20
T 21	17 53 46	28°45'15	11♍37	23°26	3°32	18°37	11°55	20°59	23°10	14°18	14°24	9°41	10°18	17°37	17° 3	T 21
F 22	17 57 43	29°42'28	24°36	24°41	4°43	19°15	12° 7	21° 3	23°14	14°19	14°26	9°R42	10°15	17°44	17° 1	F 22
S 23	18 1 40	0♋39'40	7♎59	25°54	5°54	19°54	12°19	21° 8	23°17	14°20	14°27	9°42	10°11	17°50	16°58	S 23
S 24	18 5 36	1°36'52	21°46	27° 3	7° 4	20°32	12°31	21°12	23°21	14°21	14°28	9°41	10° 8	17°57	16°56	S 24
M25	18 9 33	2°34'03	5♏58	28° 9	8°15	21°10	12°42	21°16	23°24	14°22	14°30	9°41	10° 5	18° 4	16°54	M25
T 26	18 13 29	3°31'14	20°33	29°12	9°26	21°49	12°54	21°20	23°28	14°23	14°31	9°40	10° 2	18°10	16°51	T 26
W27	18 17 26	4°28'25	5♐27	0♌13	10°36	22°27	13° 5	21°23	23°31	14°23	14°33	9°39	9°59	18°17	16°49	W27
T 28	18 21 22	5°25'35	20°33	1° 9	11°47	23° 5	13°17	21°27	23°35	14°24	14°34	9°39	9°55	18°24	16°47	T 28
F 29	18 25 19	6°22'45	5♑42	2° 3	12°57	23°44	13°28	21°31	23°38	14°25	14°36	9°D39	9°52	18°30	16°45	F 29
S 30	18 29 15	7♋19'56	20♑45	2♌53	14♌ 7	24♋22	13♉39	21♈34	23♋42	14♈25	14♌37	9♋39	9♋49	18♊37	16♏44	S 30

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	
F 1	21n56	22s19	1n 8	24n42	1n38	24n47	1n40	24n27	1n 6	13n 8	1s 2	5n25	2s20	22n 9	0n30	4n 2	1s35	24n44	8n28	23n 7	22n59	20n26	14s14	3n 9	F 1
S 2	22 4	23 8	0s14	24 56	1 44	24 42	1 41	24 25	1 6	13 12	1 2	5 27	2 20	22 8	0 30	4 3	1 35	24 44	8 28	23 7	23 0	20 27	14 13	3 9	S 2
S 3	22 12	22 18	1 33	25 8	1 49	24 37	1 42	24 23	1 6	13 16	1 2	5 29	2 20	22 8	0 30	4 3	1 35	24 43	8 28	23 7	23 0	20 29	14 12	3 10	S 3
M 4	22 20	20 1	2 45	25 18	1 53	24 32	1 44	24 21	1 6	13 20	1 2	5 31	2 20	22 7	0 30	4 4	1 35	24 43	8 27	23 6	23 0	20 30	14 11	3 10	M 4
T 5	22 27	16 38	3 44	25 24	1 57	24 25	1 45	24 19	1 6	13 25	1 2	5 32	2 21	22 7	0 30	4 4	1 35	24 42	8 27	23 6	23 1	20 32	14 9	3 10	T 5
W 6	22 34	12 28	4 29	25 28	2 0	24 18	1 46	24 17	1 7	13 29	1 2	5 34	2 21	22 6	0 30	4 5	1 35	24 42	8 27	23 6	23 1	20 33	14 8	3 10	W 6
T 7	22 40	7 50	4 59	25 30	2 2	24 10	1 47	24 14	1 7	13 33	1 2	5 36	2 21	22 6	0 30	4 5	1 35	24 41	8 27	23 6	23 1	20 35	14 7	3 10	T 7
F 8	22 47	2 59	5 13	25 29	2 3	24 2	1 48	24 11	1 7	13 37	1 2	5 38	2 21	22 5	0 30	4 6	1 35	24 41	8 27	23 6	23 1	20 36	14 6	3 10	F 8
S 9	22 52	1n53	5 12	25 26	2 4	23 53	1 49	24 8	1 7	13 41	1 2	5 40	2 21	22 5	0 30	4 6	1 35	24 41	8 27	23 7	23 2	20 38	14 5	3 10	S 9
S 10	22 57	6 35	4 57	25 21	2 3	23 43	1 50	24 5	1 7	13 45	1 2	5 41	2 22	22 4	0 30	4 7	1 35	24 40	8 27	23 7	23 2	20 39	14 4	3 10	S 10
M11	23 2	10 58	4 29	25 14	2 3	23 33	1 50	24 2	1 7	13 49	1 2	5 43	2 22	22 4	0 30	4 7	1 35	24 40	8 27	23 7	23 2	20 41	14 3	3 11	M11
T 12	23 7	14 54	3 49	25 6	2 1	23 22	1 51	23 58	1 7	13 53	1 2	5 45	2 22	22 3	0 30	4 7	1 36	24 39	8 26	23 7	23 2	20 42	14 2	3 11	T 12
W13	23 11	18 14	3 0	24 55	1 58	23 10	1 51	23 55	1 8	13 56	1 3	5 47	2 22	22 3	0 30	4 8	1 36	24 39	8 26	23 7	23 3	20 44	14 1	3 11	W13
T 14	23 14	20 48	2 3	24 43	1 55	22 57	1 52	23 51	1 8	14 0	1 3	5 48	2 22	22 2	0 30	4 8	1 36	24 38	8 26	23 8	23 3	20 45	14 0	3 11	T 14
F 15	23 18	22 28	1 0	24 29	1 52	22 44	1 52	23 47	1 8	14 4	1 3	5 50	2 23	22 2	0 30	4 8	1 36	24 38	8 26	23 8	23 3	20 47	13 59	3 11	F 15
S 16	23 20	23 9	0n 5	24 14	1 47	22 31	1 53	23 42	1 8	14 8	1 3	5 51	2 23	22 1	0 30	4 9	1 36	24 37	8 26	23 8	23 3	20 48	13 58	3 11	S 16
S 17	23 23	22 46	1 10	23 57	1 42	22 17	1 53	23 38	1 8	14 12	1 3	5 53	2 23	22 0	0 30	4 9	1 36	24 37	8 26	23 8	23 4	20 49	13 57	3 11	S 17
M18	23 25	21 21	2 13	23 39	1 36	22 2	1 53	23 33	1 8	14 15	1 3	5 54	2 23	22 0	0 30	4 10	1 36	24 36	8 26	23 8	23 4	20 51	13 56	3 11	M18
T 19	23 26	18 56	3 11	23 21	1 30	21 46	1 53	23 29	1 8	14 19	1 3	5 56	2 24	21 59	0 30	4 10	1 36	24 36	8 26	23 8	23 4	20 52	13 55	3 11	T 19
W20	23 28	15 37	4 1	23 1	1 23	21 30	1 53	23 24	1 8	14 23	1 3	5 57	2 24	21 59	0 30	4 10	1 36	24 35	8 26	23 7	23 4	20 54	13 55	3 11	W20
T 21	23 28	11 32	4 40	22 41	1 15	21 14	1 53	23 19	1 8	14 26	1 3	5 59	2 24	21 58	0 30	4 10	1 36	24 35	8 25	23 7	23 5	20 55	13 54	3 11	T 21
F 22	23 29	6 50	5 7	22 19	1 7	20 57	1 53	23 13	1 8	14 30	1 3	6 0	2 24	21 58	0 30	4 11	1 36	24 34	8 25	23 7	23 5	20 57	13 53	3 11	F 22
S 23	23 29	1 41	5 17	21 57	0 58	20 39	1 53	23 8	1 8	14 33	1 3	6 1	2 24	21 57	0 30	4 11	1 36	24 34	8 25	23 7	23 5	20 58	13 52	3 11	S 23
S 24	23 28	3s42	5 10	21 35	0 49	20 21	1 52	23 2	1 9	14 37	1 3	6 3	2 25	21 56	0 30	4 11	1 36	24 33	8 25	23 7	23 5	20 59	13 52	3 11	S 24
M25	23 27	9 3	4 45	21 12	0 39	20 2	1 52	22 56	1 9	14 40	1 3	6 4	2 25	21 56	0 30	4 12	1 36	24 33	8 25	23 7	23 6	21 1	13 51	3 11	M25
T 26	23 26	14 3	4 0	20 49	0 29	19 43	1 51	22 50	1 9	14 44	1 3	6 5	2 25	21 55	0 30	4 12	1 36	24 32	8 25	23 7	23 6	21 2	13 50	3 11	T 26
W27	23 24	18 19	2 59	20 26	0 18	19 23	1 51	22 44	1 9	14 47	1 4	6 6	2 25	21 55	0 30	4 12	1 36	24 32	8 25	23 8	23 6	21 4	13 50	3 11	W27
T 28	23 22	21 24	1 44	20 2	0 6	19 3	1 50	22 38	1 9	14 50	1 4	6 8	2 26	21 54	0 30	4 12	1 36	24 31	8 25	23 8	23 6	21 5	13 49	3 11	T 28
F 29	23 19	22 59	0 22	19 39	0s 6	18 42	1 49	22 31	1 9	14 54	1 4	6 9	2 26	21 53	0 30	4 12	1 36	24 30	8 25	23 8	23 7	21 6	13 49	3 11	F 29
S 30	23n16	22s53	1s 1	19n15	0s18	18n21	1n48	22n25	1n 9	14n57	1s 4	6n10	2s26	21n53	0n30	4n13	1s37	24n30	8n25	23n 8	23n 7	21n 8	13s48	3n11	S 30

Julian Day Number = 2343218.5, Delta T = 13.18 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'00, Lahiri = 19°43'01Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1703
geocentric

JULY 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 33 12	8♋17'06	5♒33	3♌40	15♌17	25♋ 0	13♉50	21♈38	23♋45	14♈26	14♌39	9♋39	9♋46	18♊43	16°R42	S 1
M 2	18 37 9	9°14'16	20° 1	4°23	16°28	25°39	14° 1	21°41	23°49	14°26	14°40	9°R39	9°43	18°50	16♏40	M 2
T 3	18 41 5	10°11'27	4♓ 3	5° 2	17°38	26°17	14°12	21°45	23°53	14°27	14°42	9°39	9°40	18°57	16°39	T 3
W 4	18 45 2	11° 8'37	17°39	5°38	18°48	26°55	14°23	21°48	23°56	14°27	14°44	9°39	9°36	19° 3	16°37	W 4
T 5	18 48 58	12° 5'49	0♈48	6° 9	19°58	27°33	14°33	21°51	24° 0	14°28	14°45	9°39	9°33	19°10	16°36	T 5
F 6	18 52 55	13° 3'00	13°35	6°36	21° 7	28°12	14°44	21°54	24° 3	14°28	14°47	9°D39	9°30	19°17	16°35	F 6
S 7	18 56 51	14° 0'12	26° 1	6°59	22°17	28°50	14°54	21°57	24° 7	14°29	14°49	9°39	9°27	19°23	16°34	S 7
S 8	19 0 48	14°57'25	8♉11	7°18	23°27	29°28	15° 5	22° 0	24°11	14°29	14°50	9°39	9°24	19°30	16°33	S 8
M 9	19 4 44	15°54'38	20°10	7°32	24°36	0♌ 6	15°15	22° 3	24°14	14°29	14°52	9°40	9°21	19°37	16°32	M 9
T 10	19 8 41	16°51'51	2♊ 1	7°41	25°46	0°44	15°25	22° 5	24°18	14°30	14°53	9°40	9°17	19°43	16°31	T 10
W11	19 12 38	17°49'05	13°49	7°R45	26°55	1°23	15°35	22° 8	24°22	14°30	14°55	9°41	9°14	19°50	16°30	W11
T 12	19 16 34	18°46'20	25°37	7°45	28° 5	2° 1	15°45	22°10	24°25	14°30	14°57	9°42	9°11	19°57	16°30	T 12
F 13	19 20 31	19°43'35	7♋27	7°40	29°14	2°39	15°55	22°13	24°29	14°30	14°59	9°R42	9° 8	20° 3	16°29	F 13
S 14	19 24 27	20°40'51	19°23	7°30	0♍23	3°17	16° 5	22°15	24°33	14°31	15° 0	9°42	9° 5	20°10	16°29	S 14
S 15	19 28 24	21°38'06	1♌26	7°15	1°32	3°56	16°14	22°17	24°36	14°31	15° 2	9°41	9° 1	20°17	16°28	S 15
M16	19 32 20	22°35'23	13°39	6°56	2°41	4°34	16°24	22°19	24°40	14°31	15° 4	9°40	8°58	20°23	16°28	M16
T 17	19 36 17	23°32'40	26° 2	6°32	3°50	5°12	16°33	22°21	24°44	14°31	15° 5	9°38	8°55	20°30	16°28	T 17
W18	19 40 13	24°29'57	8♍39	6° 4	4°59	5°50	16°42	22°23	24°47	14°31	15° 7	9°36	8°52	20°37	16°D28	W18
T 19	19 44 10	25°27'14	21°29	5°32	6° 7	6°28	16°52	22°25	24°51	14°R31	15° 9	9°34	8°49	20°43	16°28	T 19
F 20	19 48 7	26°24'32	4♎35	4°57	7°16	7° 6	17° 1	22°27	24°55	14°31	15°11	9°32	8°46	20°50	16°28	F 20
S 21	19 52 3	27°21'50	17°59	4°18	8°24	7°45	17° 9	22°28	24°58	14°31	15°13	9°31	8°42	20°57	16°28	S 21
S 22	19 56 0	28°19'08	1♏41	3°38	9°33	8°23	17°18	22°30	25° 2	14°31	15°14	9°D31	8°39	21° 3	16°29	S 22
M23	19 59 56	29°16'27	15°42	2°55	10°41	9° 1	17°27	22°31	25° 6	14°31	15°16	9°32	8°36	21°10	16°29	M23
T 24	20 3 53	0♌13'46	0♐ 1	2°12	11°49	9°39	17°35	22°33	25° 9	14°31	15°18	9°33	8°33	21°17	16°30	T 24
W25	20 7 49	1°11'06	14°36	1°28	12°57	10°17	17°43	22°34	25°13	14°30	15°20	9°34	8°30	21°23	16°31	W25
T 26	20 11 46	2° 8'27	29°22	0°45	14° 5	10°55	17°52	22°35	25°17	14°30	15°22	9°35	8°27	21°30	16°32	T 26
F 27	20 15 42	3° 5'48	14♑14	0° 3	15°12	11°34	18° 0	22°36	25°20	14°30	15°23	9°R35	8°23	21°36	16°32	F 27
S 28	20 19 39	4° 3'09	29° 5	29♋23	16°20	12°12	18° 8	22°37	25°24	14°30	15°25	9°34	8°20	21°43	16°34	S 28
S 29	20 23 36	5° 0'32	13♒47	28°46	17°28	12°50	18°15	22°38	25°28	14°29	15°27	9°32	8°17	21°50	16°35	S 29
M30	20 27 32	5°57'55	28°13	28°12	18°35	13°28	18°23	22°38	25°31	14°29	15°29	9°29	8°14	21°56	16°36	M30
T 31	20 31 29	6♌55'20	12♓17	27♋43	19♍42	14♌ 6	18♉31	22♈39	25♋35	14♈29	15♌31	9♋25	8♋11	22♊ 3	16♏37	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	23n13	21s10	2s19	18n52	0s31	17n59	1n47	22n18	1n 9	15n 0	1s 4	6n11	2s26	21n52	0n30	4n13	1s37	24n29	8n25	23n 8	23n 7	21n 9	13s48	3n11
M 2	23 9	18 5	3 26	18 29	0 44	17 37	1 46	22 11	1 9	15 3	1 4	6 12	2 27	21 52	0 30	4 13	1 37	24 29	8 25	23 8	23 7	21 11	13 47	3 11
T 3	23 5	14 3	4 19	18 7	0 57	17 14	1 45	22 4	1 9	15 6	1 4	6 13	2 27	21 51	0 30	4 13	1 37	24 28	8 25	23 8	23 7	21 12	13 47	3 11
W 4	23 1	9 24	4 55	17 45	1 11	16 51	1 44	21 56	1 9	15 9	1 4	6 14	2 27	21 50	0 30	4 13	1 37	24 28	8 24	23 8	23 8	21 13	13 46	3 11
T 5	22 56	4 29	5 14	17 23	1 25	16 28	1 42	21 49	1 9	15 12	1 4	6 15	2 27	21 50	0 30	4 13	1 37	24 27	8 24	23 8	23 8	21 15	13 46	3 11
F 6	22 50	0n30	5 17	17 3	1 40	16 4	1 41	21 41	1 9	15 15	1 4	6 16	2 28	21 49	0 30	4 13	1 37	24 27	8 24	23 8	23 8	21 16	13 46	3 11
S 7	22 44	5 19	5 5	16 43	1 54	15 40	1 39	21 33	1 9	15 18	1 5	6 17	2 28	21 48	0 30	4 14	1 37	24 26	8 24	23 8	23 8	21 17	13 45	3 11
S 8	22 38	9 51	4 39	16 24	2 9	15 15	1 37	21 25	1 9	15 21	1 5	6 17	2 28	21 48	0 30	4 14	1 37	24 26	8 24	23 8	23 9	21 19	13 45	3 11
M 9	22 32	13 56	4 2	16 6	2 24	14 51	1 36	21 17	1 9	15 24	1 5	6 18	2 28	21 47	0 30	4 14	1 37	24 25	8 24	23 7	23 9	21 20	13 45	3 11
T 10	22 25	17 25	3 14	15 50	2 38	14 25	1 34	21 9	1 9	15 27	1 5	6 19	2 29	21 46	0 30	4 14	1 37	24 25	8 24	23 7	23 9	21 21	13 45	3 11
W11	22 17	20 12	2 19	15 35	2 53	14 0	1 32	21 1	1 9	15 30	1 5	6 20	2 29	21 46	0 30	4 14	1 37	24 24	8 24	23 7	23 9	21 23	13 45	3 11
T 12	22 10	22 7	1 17	15 21	3 7	13 34	1 30	20 52	1 9	15 33	1 5	6 20	2 29	21 45	0 30	4 14	1 37	24 23	8 24	23 7	23 10	21 24	13 44	3 11
F 13	22 1	23 4	0 12	15 9	3 21	13 8	1 28	20 44	1 9	15 35	1 5	6 21	2 30	21 45	0 30	4 14	1 37	24 23	8 24	23 7	23 10	21 25	13 44	3 11
S 14	21 53	22 57	0n53	14 58	3 35	12 41	1 25	20 35	1 9	15 38	1 5	6 22	2 30	21 44	0 30	4 14	1 37	24 22	8 24	23 7	23 10	21 27	13 44	3 11
S 15	21 44	21 47	1 58	14 49	3 48	12 14	1 23	20 26	1 9	15 41	1 5	6 22	2 30	21 43	0 30	4 14	1 37	24 22	8 24	23 7	23 10	21 28	13 44	3 11
M16	21 35	19 35	2 57	14 42	4 0	11 47	1 21	20 17	1 9	15 43	1 6	6 23	2 30	21 43	0 30	4 14	1 37	24 21	8 24	23 7	23 10	21 29	13 44	3 11
T 17	21 25	16 27	3 49	14 37	4 11	11 20	1 18	20 7	1 9	15 46	1 6	6 23	2 31	21 42	0 30	4 14	1 38	24 21	8 24	23 8	23 11	21 31	13 44	3 11
W18	21 15	12 32	4 31	14 33	4 22	10 52	1 15	19 58	1 9	15 48	1 6	6 24	2 31	21 41	0 30	4 14	1 38	24 20	8 24	23 8	23 11	21 32	13 44	3 11
T 19	21 5	7 59	5 0	14 32	4 31	10 24	1 13	19 48	1 10	15 51	1 6	6 24	2 31	21 41	0 30	4 14	1 38	24 20	8 24	23 8	23 11	21 33	13 44	3 11
F 20	20 54	2 59	5 15	14 33	4 39	9 56	1 10	19 39	1 10	15 53	1 6	6 24	2 31	21 40	0 30	4 14	1 38	24 19	8 24	23 8	23 11	21 35	13 44	3 11
S 21	20 43	2s15	5 13	14 35	4 46	9 28	1 7	19 29	1 9	15 56	1 6	6 25	2 32	21 39	0 30	4 14	1 38	24 18	8 24	23 8	23 11	21 36	13 45	3 11
S 22	20 32	7 30	4 53	14 39	4 51	8 59	1 4	19 19	1 9	15 58	1 6	6 25	2 32	21 39	0 30	4 14	1 38	24 18	8 24	23 8	23 12	21 37	13 45	3 11
M23	20 20	12 30	4 15	14 46	4 54	8 31	1 1	19 9	1 9	16 0	1 6	6 25	2 32	21 38	0 30	4 13	1 38	24 17	8 24	23 8	23 12	21 38	13 45	3 11
T 24	20 8	16 54	3 21	14 53	4 56	8 2	0 58	18 59	1 9	16 2	1 7	6 25	2 33	21 37	0 30	4 13	1 38	24 17	8 24	23 8	23 12	21 40	13 45	3 10
W25	19 56	20 22	2 14	15 3	4 56	7 33	0 54	18 48	1 9	16 5	1 7	6 26	2 33	21 37	0 30	4 13	1 38	24 16	8 24	23 8	23 12	21 41	13 45	3 10
T 26	19 43	22 32	0 56	15 14	4 54	7 4	0 51	18 38	1 9	16 7	1 7	6 26	2 33	21 36	0 30	4 13	1 38	24 16	8 24	23 8	23 12	21 42	13 46	3 10
F 27	19 30	23 8	0s26	15 26	4 51	6 34	0 48	18 27	1 9	16 9	1 7	6 26	2 33	21 35	0 30	4 13	1 38	24 15	8 24	23 8	23 13	21 43	13 46	3 10
S 28	19 16	22 5	1 45	15 39	4 46	6 5	0 44	18 17	1 9	16 11	1 7	6 26	2 34	21 35	0 30	4 13	1 38	24 15	8 24	23 8	23 13	21 45	13 46	3 10
S 29	19 3	19 33	2 57	15 53	4 39	5 35	0 40	18 6	1 9	16 13	1 7	6 26	2 34	21 34	0 30	4 13	1 38	24 14	8 24	23 8	23 13	21 46	13 47	3 10
M30	18 49	15 48	3 56	16 8	4 30	5 5	0 37	17 55	1 9	16 15	1 7	6 26	2 34	21 33	0 30	4 12	1 38	24 14	8 24	23 8	23 13	21 47	13 47	3 10
T 31	18n34	11s16	4s39	16n24	4s20	4n35	0n33	17n44	1n 9	16n17	1s 7	6n26	2s34	21n33	0n30	4n12	1s38	24n13	8n24	23n 9	23n13	21n49	13s48	3n10

Julian Day Number = 2343248.5, Delta T = 13.16 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'04, Lahiri = 19°43'05Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1703
geocentric

AUGUST 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 35 25	7♌52'45	25♓57	27°R19	20♍49	14♌44	18♉38	22♈39	25♋39	14°R28	15♌33	9°R21	8♋ 7	22♊10	16♏39	W 1
T 2	20 39 22	8°50'12	9♈10	27♋ 0	21°56	15°22	18°45	22°40	25°42	14♈28	15°34	9♋18	8° 4	22°16	16°40	T 2
F 3	20 43 18	9°47'40	22° 0	26°47	23° 3	16° 0	18°52	22°40	25°46	14°27	15°36	9°15	8° 1	22°23	16°42	F 3
S 4	20 47 15	10°45'09	4♉28	26°40	24° 9	16°39	18°59	22°40	25°49	14°27	15°38	9°14	7°58	22°30	16°44	S 4
S 5	20 51 11	11°42'40	16°39	26°D39	25°16	17°17	19° 6	22°R40	25°53	14°26	15°40	9°D14	7°55	22°36	16°45	S 5
M 6	20 55 8	12°40'12	28°37	26°45	26°22	17°55	19°12	22°40	25°56	14°26	15°42	9°15	7°52	22°43	16°47	M 6
T 7	20 59 5	13°37'45	10♊27	26°59	27°28	18°33	19°19	22°40	26° 0	14°25	15°44	9°16	7°48	22°50	16°49	T 7
W 8	21 3 1	14°35'20	22°15	27°19	28°34	19°11	19°25	22°40	26° 4	14°24	15°46	9°18	7°45	22°56	16°52	W 8
T 9	21 6 58	15°32'57	4♋ 4	27°46	29°40	19°49	19°31	22°39	26° 7	14°24	15°47	9°R19	7°42	23° 3	16°54	T 9
F 10	21 10 54	16°30'34	16° 0	28°20	0♎45	20°27	19°37	22°39	26°11	14°23	15°49	9°19	7°39	23°10	16°56	F 10
S 11	21 14 51	17°28'13	28° 3	29° 1	1°51	21° 6	19°43	22°38	26°14	14°22	15°51	9°17	7°36	23°16	16°59	S 11
S 12	21 18 47	18°25'53	10♌19	29°49	2°56	21°44	19°49	22°38	26°18	14°22	15°53	9°14	7°33	23°23	17° 1	S 12
M13	21 22 44	19°23'35	22°47	0♌44	4° 1	22°22	19°54	22°37	26°21	14°21	15°55	9° 8	7°29	23°30	17° 4	M13
T 14	21 26 40	20°21'18	5♍29	1°45	5° 6	23° 0	20° 0	22°36	26°25	14°20	15°57	9° 2	7°26	23°36	17° 6	T 14
W15	21 30 37	21°19'02	18°25	2°52	6°11	23°38	20° 5	22°35	26°28	14°19	15°59	8°55	7°23	23°43	17° 9	W15
T 16	21 34 34	22°16'47	1♎35	4° 6	7°15	24°16	20°10	22°34	26°31	14°18	16° 0	8°48	7°20	23°49	17°12	T 16
F 17	21 38 30	23°14'34	14°57	5°25	8°20	24°55	20°14	22°33	26°35	14°18	16° 2	8°41	7°17	23°56	17°15	F 17
S 18	21 42 27	24°12'22	28°31	6°50	9°24	25°33	20°19	22°31	26°38	14°17	16° 4	8°37	7°13	24° 3	17°18	S 18
S 19	21 46 23	25°10'11	12♏17	8°19	10°28	26°11	20°23	22°30	26°41	14°16	16° 6	8°34	7°10	24° 9	17°22	S 19
M20	21 50 20	26° 8'01	26°14	9°54	11°31	26°49	20°28	22°29	26°45	14°15	16° 8	8°D33	7° 7	24°16	17°25	M20
T 21	21 54 16	27° 5'52	10♐21	11°32	12°35	27°27	20°32	22°27	26°48	14°14	16°10	8°34	7° 4	24°23	17°28	T 21
W22	21 58 13	28° 3'45	24°38	13°14	13°38	28° 5	20°36	22°25	26°51	14°13	16°12	8°35	7° 1	24°29	17°32	W22
T 23	22 2 9	29° 1'38	9♑ 2	15° 0	14°41	28°44	20°39	22°24	26°55	14°12	16°13	8°R36	6°58	24°36	17°35	T 23
F 24	22 6 6	29°59'34	23°30	16°48	15°43	29°22	20°43	22°22	26°58	14°11	16°15	8°35	6°54	24°43	17°39	F 24
S 25	22 10 3	0♍57'30	7♒57	18°39	16°46	29°59	20°46	22°20	27° 1	14° 9	16°17	8°32	6°51	24°49	17°43	S 25
S 26	22 13 59	1°55'28	22°20	20°32	17°48	0♍38	20°49	22°18	27° 4	14° 8	16°19	8°26	6°48	24°56	17°47	S 26
M27	22 17 56	2°53'27	6♓31	22°26	18°50	1°16	20°52	22°15	27° 7	14° 7	16°21	8°19	6°45	25° 3	17°51	M27
T 28	22 21 52	3°51'28	20°26	24°22	19°51	1°55	20°55	22°13	27°11	14° 6	16°22	8°10	6°42	25° 9	17°55	T 28
W29	22 25 49	4°49'31	4♈ 0	26°18	20°53	2°33	20°58	22°11	27°14	14° 5	16°24	8° 1	6°38	25°16	17°59	W29
T 30	22 29 45	5°47'36	17°12	28°15	21°53	3°11	21° 0	22° 8	27°17	14° 4	16°26	7°52	6°35	25°23	18° 3	T 30
F 31	22 33 42	6♍45'42	0♉ 1	0♍12	22♎54	3♍49	21♉ 2	22♈ 6	27♋20	14♈ 2	16♌28	7♋45	6♋32	25♊29	18♏ 7	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	18n20	6s17	5s 5	16n40	4s 9	4n 5	0n29	17n33	1n 9	16n19	1s 8	6n26	2s35	21n32	0n30	4n12	1s38	24n13	8n24	23n 9	23n14	21n50	13s48	3n10
T 2	18 5	1 10	5 13	16 56	3 56	3 35	0 25	17 21	1 9	16 21	1 8	6 26	2 35	21 31	0 30	4 12	1 38	24 12	8 24	23 9	23 14	21 51	13 49	3 10
F 3	17 49	3n51	5 6	17 12	3 42	3 5	0 21	17 10	1 9	16 22	1 8	6 26	2 35	21 31	0 30	4 12	1 39	24 11	8 24	23 9	23 14	21 52	13 49	3 10
S 4	17 34	8 34	4 44	17 27	3 28	2 35	0 17	16 58	1 9	16 24	1 8	6 25	2 36	21 30	0 30	4 11	1 39	24 11	8 24	23 9	23 14	21 53	13 50	3 10
S 5	17 18	12 51	4 9	17 42	3 13	2 5	0 13	16 47	1 9	16 26	1 8	6 25	2 36	21 29	0 30	4 11	1 39	24 10	8 24	23 9	23 14	21 55	13 50	3 10
M 6	17 2	16 33	3 24	17 57	2 57	1 34	0 8	16 35	1 9	16 28	1 8	6 25	2 36	21 29	0 30	4 11	1 39	24 10	8 24	23 9	23 15	21 56	13 51	3 10
T 7	16 46	19 33	2 31	18 10	2 40	1 4	0 4	16 23	1 9	16 29	1 8	6 25	2 36	21 28	0 30	4 11	1 39	24 9	8 24	23 9	23 15	21 57	13 52	3 9
W 8	16 29	21 43	1 32	18 23	2 24	0 34	0s 1	16 11	1 9	16 31	1 9	6 24	2 37	21 28	0 30	4 10	1 39	24 9	8 25	23 9	23 15	21 58	13 52	3 9
T 9	16 12	22 56	0 29	18 34	2 7	0 3	0 5	15 59	1 9	16 32	1 9	6 24	2 37	21 27	0 30	4 10	1 39	24 8	8 25	23 9	23 15	22 0	13 53	3 9
F 10	15 55	23 7	0n36	18 44	1 50	0s27	0 10	15 47	1 9	16 34	1 9	6 23	2 37	21 26	0 30	4 10	1 39	24 8	8 25	23 9	23 15	22 1	13 54	3 9
S 11	15 37	22 13	1 40	18 52	1 33	0 57	0 14	15 35	1 9	16 35	1 9	6 23	2 37	21 26	0 30	4 9	1 39	24 7	8 25	23 9	23 16	22 2	13 54	3 9
S 12	15 20	20 16	2 41	18 58	1 17	1 28	0 19	15 22	1 9	16 36	1 9	6 23	2 38	21 25	0 30	4 9	1 39	24 7	8 25	23 9	23 16	22 3	13 55	3 9
M13	15 2	17 19	3 34	19 3	1 0	1 58	0 24	15 10	1 9	16 38	1 9	6 22	2 38	21 24	0 30	4 9	1 39	24 6	8 25	23 10	23 16	22 4	13 56	3 9
T 14	14 44	13 31	4 18	19 5	0 45	2 28	0 29	14 57	1 9	16 39	1 10	6 21	2 38	21 24	0 30	4 8	1 39	24 6	8 25	23 10	23 16	22 5	13 57	3 9
W15	14 25	9 1	4 50	19 5	0 29	2 59	0 34	14 44	1 8	16 40	1 10	6 21	2 39	21 23	0 30	4 8	1 39	24 5	8 25	23 11	23 16	22 7	13 58	3 9
T 16	14 6	4 3	5 6	19 2	0 14	3 29	0 39	14 32	1 8	16 41	1 10	6 20	2 39	21 22	0 30	4 7	1 39	24 5	8 25	23 11	23 16	22 8	13 59	3 9
F 17	13 48	1s11	5 7	18 57	0 0	3 59	0 44	14 19	1 8	16 43	1 10	6 19	2 39	21 22	0 30	4 7	1 39	24 4	8 25	23 12	23 17	22 9	14 0	3 9
S 18	13 28	6 26	4 51	18 49	0n13	4 29	0 49	14 6	1 8	16 44	1 10	6 19	2 39	21 21	0 30	4 7	1 39	24 4	8 25	23 12	23 17	22 10	14 1	3 9
S 19	13 9	11 28	4 17	18 38	0 26	4 59	0 55	13 53	1 8	16 45	1 10	6 18	2 40	21 21	0 30	4 6	1 39	24 3	8 26	23 12	23 17	22 11	14 1	3 9
M20	12 50	15 58	3 28	18 24	0 38	5 29	1 0	13 40	1 8	16 46	1 10	6 17	2 40	21 20	0 30	4 6	1 39	24 3	8 26	23 12	23 17	22 12	14 2	3 8
T 21	12 30	19 37	2 26	18 8	0 49	5 59	1 5	13 26	1 8	16 47	1 11	6 16	2 40	21 19	0 30	4 5	1 39	24 3	8 26	23 12	23 17	22 14	14 3	3 8
W22	12 10	22 8	1 15	17 48	0 59	6 28	1 11	13 13	1 8	16 47	1 11	6 16	2 40	21 19	0 30	4 5	1 40	24 2	8 26	23 12	23 17	22 15	14 5	3 8
T 23	11 50	23 13	0s 2	17 26	1 8	6 58	1 16	13 0	1 8	16 48	1 11	6 15	2 41	21 18	0 30	4 5	1 40	24 2	8 26	23 12	23 18	22 16	14 6	3 8
F 24	11 30	22 44	1 19	17 1	1 16	7 27	1 22	12 46	1 8	16 49	1 11	6 14	2 41	21 17	0 30	4 4	1 40	24 1	8 26	23 12	23 18	22 17	14 7	3 8
S 25	11 9	20 44	2 31	16 34	1 23	7 56	1 27	12 33	1 8	16 50	1 11	6 13	2 41	21 17	0 30	4 4	1 40	24 1	8 26	23 12	23 18	22 18	14 8	3 8
S 26	10 48	17 26	3 33	16 4	1 29	8 25	1 33	12 19	1 8	16 50	1 11	6 12	2 41	21 16	0 30	4 3	1 40	24 0	8 26	23 13	23 18	22 19	14 9	3 8
M27	10 28	13 10	4 20	15 32	1 34	8 54	1 38	12 5	1 7	16 51	1 12	6 11	2 42	21 16	0 30	4 3	1 40	24 0	8 26	23 13	23 18	22 20	14 10	3 8
T 28	10 7	8 15	4 51	14 58	1 38	9 23	1 44	11 52	1 7	16 52	1 12	6 10	2 42	21 15	0 30	4 2	1 40	23 59	8 27	23 14	23 18	22 21	14 11	3 8
W29	9 45	3 4	5 5	14 22	1 42	9 51	1 50	11 38	1 7	16 52	1 12	6 9	2 42	21 14	0 30	4 2	1 40	23 59	8 27	23 14	23 19	22 23	14 12	3 8
T 30	9 24	2n 7	5 1	13 44	1 44	10 20	1 56	11 24	1 7	16 53	1 12	6 8	2 42	21 14	0 30	4 1	1 40	23 59	8 27	23 15	23 19	22 24	14 14	3 8
F 31	9n 3	7n 5	4s43	13n 4	1n46	10s48	2s 1	11n10	1n 7	16n53	1s12	6n 6	2s42	21n13	0n30	4n 1	1s40	23n58	8n27	23n15	23n19	22n25	14s15	3n 8

Julian Day Number = 2343279.5, Delta T = 13.13 sec
Ecliptic obliquity = 23°28'39, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'09, Lahiri = 19°43'09Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1703
geocentric

SEPTEMBER 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 37 38	7♍43'50	12♉30	2♍ 9	23♎54	4♍27	21♉ 4	22°R 3	27♋23	14°R 1	16♌30	7°R39	6♋29	25♊36	18♏11	S 1
S 2	22 41 35	8°42'01	24°41	4° 6	24°54	5° 6	21° 6	22♈ 1	27°26	14♈ 0	16°31	7♋36	6°26	25°42	18°16	S 2
M 3	22 45 32	9°40'13	6♊40	6° 2	25°54	5°44	21° 8	21°58	27°29	13°59	16°33	7°D35	6°23	25°49	18°20	M 3
T 4	22 49 28	10°38'28	18°30	7°58	26°53	6°22	21° 9	21°55	27°32	13°57	16°35	7°35	6°19	25°56	18°25	T 4
W 5	22 53 25	11°36'44	0♋18	9°53	27°52	7° 0	21°11	21°52	27°35	13°56	16°37	7°36	6°16	26° 2	18°30	W 5
T 6	22 57 21	12°35'03	12° 9	11°47	28°51	7°39	21°12	21°49	27°37	13°55	16°38	7°R36	6°13	26° 9	18°34	T 6
F 7	23 1 18	13°33'24	24° 8	13°41	29°49	8°17	21°12	21°46	27°40	13°53	16°40	7°35	6°10	26°16	18°39	F 7
S 8	23 5 14	14°31'47	6♌19	15°33	0♏46	8°55	21°13	21°43	27°43	13°52	16°42	7°31	6° 7	26°22	18°44	S 8
S 9	23 9 11	15°30'11	18°46	17°25	1°44	9°34	21°13	21°39	27°46	13°50	16°43	7°25	6° 4	26°29	18°49	S 9
M10	23 13 7	16°28'38	1♍30	19°15	2°41	10°12	21°14	21°36	27°49	13°49	16°45	7°16	6° 0	26°36	18°54	M10
T 11	23 17 4	17°27'06	14°31	21° 5	3°37	10°50	21°R14	21°32	27°51	13°48	16°47	7° 5	5°57	26°42	18°59	T 11
W12	23 21 0	18°25'37	27°50	22°53	4°33	11°29	21°14	21°29	27°54	13°46	16°48	6°54	5°54	26°49	19° 5	W12
T 13	23 24 57	19°24'09	11♎24	24°40	5°28	12° 7	21°13	21°25	27°57	13°45	16°50	6°42	5°51	26°56	19°10	T 13
F 14	23 28 54	20°22'43	25°11	26°27	6°23	12°45	21°13	21°22	27°59	13°43	16°52	6°32	5°48	27° 2	19°15	F 14
S 15	23 32 50	21°21'19	9♏ 6	28°12	7°18	13°24	21°12	21°18	28° 2	13°42	16°53	6°24	5°44	27° 9	19°21	S 15
S 16	23 36 47	22°19'57	23° 6	29°56	8°12	14° 2	21°11	21°14	28° 4	13°40	16°55	6°18	5°41	27°16	19°26	S 16
M17	23 40 43	23°18'36	7♐10	1♎39	9° 5	14°40	21°10	21°10	28° 7	13°39	16°56	6°15	5°38	27°22	19°32	M17
T 18	23 44 40	24°17'17	21°16	3°21	9°58	15°19	21° 8	21° 6	28° 9	13°37	16°58	6°D15	5°35	27°29	19°38	T 18
W19	23 48 36	25°16'00	5♑23	5° 2	10°50	15°57	21° 7	21° 2	28°12	13°35	16°59	6°R15	5°32	27°35	19°43	W19
T 20	23 52 33	26°14'45	19°30	6°42	11°42	16°36	21° 5	20°58	28°14	13°34	17° 1	6°14	5°29	27°42	19°49	T 20
F 21	23 56 29	27°13'31	3♒35	8°22	12°32	17°14	21° 3	20°54	28°16	13°32	17° 2	6°12	5°25	27°49	19°55	F 21
S 22	0 0 26	28°12'19	17°37	10° 0	13°23	17°52	21° 1	20°50	28°18	13°31	17° 4	6° 7	5°22	27°55	20° 1	S 22
S 23	0 4 23	29°11'08	1♓34	11°37	14°12	18°31	20°58	20°46	28°21	13°29	17° 5	6° 0	5°19	28° 2	20° 7	S 23
M24	0 8 19	0♎10'00	15°21	13°14	15° 1	19° 9	20°56	20°42	28°23	13°27	17° 7	5°50	5°16	28° 9	20°13	M24
T 25	0 12 16	1° 8'53	28°56	14°49	15°49	19°48	20°53	20°37	28°25	13°26	17° 8	5°37	5°13	28°15	20°19	T 25
W26	0 16 12	2° 7'49	12♈15	16°24	16°36	20°26	20°50	20°33	28°27	13°24	17°10	5°24	5°10	28°22	20°25	W26
T 27	0 20 9	3° 6'46	25°17	17°57	17°22	21° 5	20°47	20°28	28°29	13°23	17°11	5°12	5° 6	28°29	20°31	T 27
F 28	0 24 5	4° 5'46	7♉59	19°30	18° 8	21°43	20°44	20°24	28°31	13°21	17°12	5° 1	5° 3	28°35	20°38	F 28
S 29	0 28 2	5° 4'47	20°24	21° 2	18°52	22°22	20°40	20°20	28°33	13°19	17°14	4°53	5° 0	28°42	20°44	S 29
S 30	0 31 58	6♎ 3'52	2♊34	22♎34	19♏36	23♍ 0	20♉36	20♈15	28♋35	13♈18	17♌15	4♋47	4♋57	28♊49	20♏50	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	8n41	11n37	4s11	12n23	1n47	11s16	2s 7	10n56	1n 7	16n53	1s12	6n 5	2s43	21n13	0n30	4n 0	1s40	23n58	8n27	23n15	23n19	22n26	14s16	3n 8
S 2	8 19	15 36	3 29	11 41	1 47	11 43	2 13	10 42	1 7	16 54	1 13	6 4	2 43	21 12	0 30	4 0	1 40	23 57	8 27	23 16	23 19	22 27	14 17	3 8
M 3	7 57	18 52	2 38	10 58	1 47	12 11	2 19	10 27	1 7	16 54	1 13	6 3	2 43	21 12	0 30	3 59	1 40	23 57	8 28	23 16	23 19	22 28	14 19	3 8
T 4	7 35	21 19	1 40	10 14	1 46	12 38	2 25	10 13	1 6	16 54	1 13	6 1	2 43	21 11	0 30	3 59	1 40	23 57	8 28	23 16	23 20	22 29	14 20	3 8
W 5	7 13	22 50	0 39	9 29	1 44	13 5	2 31	9 59	1 6	16 54	1 13	6 0	2 44	21 11	0 30	3 58	1 40	23 56	8 28	23 16	23 20	22 30	14 21	3 7
T 6	6 51	23 19	0n24	8 43	1 42	13 31	2 37	9 44	1 6	16 55	1 13	5 59	2 44	21 10	0 30	3 57	1 40	23 56	8 28	23 16	23 20	22 31	14 23	3 7
F 7	6 29	22 45	1 27	7 57	1 39	13 58	2 43	9 30	1 6	16 55	1 13	5 58	2 44	21 9	0 30	3 57	1 40	23 55	8 28	23 16	23 20	22 32	14 24	3 7
S 8	6 6	21 5	2 27	7 10	1 36	14 24	2 49	9 15	1 6	16 55	1 13	5 56	2 44	21 9	0 30	3 56	1 40	23 55	8 28	23 16	23 20	22 33	14 25	3 7
S 9	5 43	18 24	3 21	6 24	1 32	14 50	2 55	9 1	1 6	16 55	1 14	5 55	2 44	21 8	0 31	3 56	1 40	23 55	8 29	23 16	23 20	22 34	14 27	3 7
M10	5 21	14 47	4 6	5 37	1 28	15 15	3 1	8 46	1 6	16 55	1 14	5 53	2 45	21 8	0 31	3 55	1 40	23 54	8 29	23 17	23 20	22 35	14 28	3 7
T 11	4 58	10 23	4 39	4 49	1 24	15 40	3 7	8 31	1 6	16 54	1 14	5 52	2 45	21 7	0 31	3 55	1 40	23 54	8 29	23 17	23 21	22 36	14 30	3 7
W12	4 35	5 25	4 58	4 2	1 19	16 5	3 13	8 17	1 5	16 54	1 14	5 50	2 45	21 7	0 31	3 54	1 40	23 54	8 29	23 18	23 21	22 38	14 31	3 7
T 13	4 12	0 6	5 1	3 15	1 14	16 29	3 19	8 2	1 5	16 54	1 14	5 49	2 45	21 6	0 31	3 53	1 40	23 53	8 29	23 18	23 21	22 39	14 32	3 7
F 14	3 49	5s19	4 46	2 28	1 8	16 54	3 25	7 47	1 5	16 54	1 14	5 47	2 45	21 6	0 31	3 53	1 40	23 53	8 30	23 19	23 21	22 40	14 34	3 7
S 15	3 26	10 32	4 15	1 40	1 3	17 17	3 31	7 32	1 5	16 53	1 15	5 46	2 45	21 5	0 31	3 52	1 40	23 53	8 30	23 19	23 21	22 41	14 35	3 7
S 16	3 3	15 14	3 27	0 54	0 57	17 41	3 37	7 17	1 5	16 53	1 15	5 44	2 46	21 5	0 31	3 52	1 40	23 52	8 30	23 20	23 21	22 42	14 37	3 7
M17	2 40	19 7	2 28	0 7	0 51	18 4	3 43	7 2	1 5	16 52	1 15	5 43	2 46	21 4	0 31	3 51	1 40	23 52	8 30	23 20	23 21	22 43	14 38	3 7
T 18	2 16	21 53	1 18	0s40	0 44	18 27	3 49	6 47	1 4	16 52	1 15	5 41	2 46	21 4	0 31	3 50	1 40	23 52	8 30	23 20	23 22	22 44	14 40	3 7
W19	1 53	23 18	0 5	1 26	0 38	18 49	3 55	6 32	1 4	16 51	1 15	5 39	2 46	21 4	0 31	3 50	1 41	23 52	8 31	23 20	23 22	22 45	14 41	3 7
T 20	1 30	23 12	1s10	2 11	0 31	19 11	4 1	6 17	1 4	16 51	1 15	5 38	2 46	21 3	0 31	3 49	1 41	23 51	8 31	23 20	23 22	22 46	14 43	3 7
F 21	1 6	21 38	2 19	2 57	0 24	19 32	4 7	6 2	1 4	16 50	1 15	5 36	2 46	21 3	0 31	3 48	1 41	23 51	8 31	23 20	23 22	22 47	14 45	3 7
S 22	0 43	18 45	3 20	3 42	0 18	19 53	4 12	5 47	1 4	16 49	1 16	5 34	2 46	21 2	0 31	3 48	1 41	23 51	8 31	23 20	23 22	22 48	14 46	3 7
S 23	0 19	14 48	4 9	4 26	0 11	20 14	4 18	5 31	1 4	16 49	1 16	5 33	2 47	21 2	0 31	3 47	1 41	23 51	8 32	23 20	23 22	22 49	14 48	3 7
M24	0s 4	10 6	4 42	5 10	0 4	20 34	4 24	5 16	1 3	16 48	1 16	5 31	2 47	21 1	0 31	3 46	1 41	23 50	8 32	23 21	23 22	22 50	14 49	3 7
T 25	0 27	4 59	4 58	5 54	0s 3	20 54	4 30	5 1	1 3	16 47	1 16	5 29	2 47	21 1	0 31	3 46	1 41	23 50	8 32	23 21	23 22	22 50	14 51	3 7
W26	0 51	0n16	4 58	6 37	0 11	21 13	4 35	4 46	1 3	16 46	1 16	5 28	2 47	21 1	0 31	3 45	1 41	23 50	8 32	23 22	23 23	22 51	14 53	3 7
T 27	1 14	5 25	4 42	7 20	0 18	21 32	4 41	4 30	1 3	16 45	1 16	5 26	2 47	21 0	0 31	3 45	1 41	23 50	8 32	23 23	23 23	22 52	14 54	3 7
F 28	1 38	10 12	4 13	8 2	0 25	21 50	4 46	4 15	1 3	16 44	1 16	5 24	2 47	21 0	0 31	3 44	1 41	23 49	8 33	23 23	23 23	22 53	14 56	3 7
S 29	2 1	14 29	3 32	8 43	0 32	22 8	4 51	3 59	1 2	16 43	1 16	5 22	2 47	20 59	0 31	3 43	1 41	23 49	8 33	23 23	23 23	22 54	14 57	3 7
S 30	2s25	18n 4	2s42	9s24	0s40	22s25	4s57	3n44	1n 2	16n42	1s16	5n21	2s47	20n59	0n31	3n43	1s41	23n49	8n33	23n23	23n23	22n55	14s59	3n 7

Julian Day Number = 2343310.5, Delta T = 13.11 sec
Ecliptic obliquity = 23°28'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'13, Lahiri = 19°43'13Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1703
geocentric

OCTOBER 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 35 55	7♎ 2'58	14♊31	24♎ 4	20♏18	23♍39	20°R32	20°R10	28♋37	13°R16	17♌16	4°R44	4♋54	28♊55	20♏57	M 1
T 2	0 39 52	8° 2'07	26°21	25°33	21° 0	24°17	20♉28	20♈ 6	28°39	13♈14	17°18	4♋43	4°50	29° 2	21° 3	T 2
W 3	0 43 48	9° 1'18	8♋ 9	27° 2	21°41	24°56	20°24	20° 1	28°40	13°13	17°19	4°43	4°47	29° 8	21°10	W 3
T 4	0 47 45	10° 0'31	20° 0	28°30	22°20	25°34	20°20	19°57	28°42	13°11	17°20	4°43	4°44	29°15	21°16	T 4
F 5	0 51 41	10°59'47	2♌ 0	29°57	22°59	26°13	20°15	19°52	28°44	13° 9	17°22	4°41	4°41	29°22	21°23	F 5
S 6	0 55 38	11°59'05	14°14	1♏23	23°36	26°52	20°10	19°47	28°45	13° 8	17°23	4°38	4°38	29°28	21°30	S 6
S 7	0 59 34	12°58'25	26°46	2°48	24°12	27°30	20° 5	19°43	28°47	13° 6	17°24	4°32	4°35	29°35	21°36	S 7
M 8	1 3 31	13°57'48	9♍40	4°13	24°46	28° 9	20° 0	19°38	28°49	13° 4	17°25	4°23	4°31	29°42	21°43	M 8
T 9	1 7 27	14°57'13	22°56	5°36	25°20	28°48	19°55	19°33	28°50	13° 3	17°26	4°12	4°28	29°48	21°50	T 9
W10	1 11 24	15°56'39	6♎35	6°58	25°52	29°26	19°49	19°28	28°51	13° 1	17°27	4° 0	4°25	29°55	21°57	W10
T 11	1 15 21	16°56'08	20°32	8°20	26°23	0♎ 5	19°43	19°24	28°53	12°59	17°29	3°48	4°22	0♋ 2	22° 4	T 11
F 12	1 19 17	17°55'39	4♏45	9°40	26°52	0°44	19°38	19°19	28°54	12°58	17°30	3°37	4°19	0° 8	22°11	F 12
S 13	1 23 14	18°55'12	19° 6	10°59	27°19	1°22	19°32	19°14	28°55	12°56	17°31	3°28	4°15	0°15	22°18	S 13
S 14	1 27 10	19°54'47	3♐31	12°17	27°45	2° 1	19°26	19° 9	28°57	12°54	17°32	3°23	4°12	0°22	22°25	S 14
M15	1 31 7	20°54'24	17°54	13°34	28° 9	2°40	19°19	19° 5	28°58	12°53	17°33	3°20	4° 9	0°28	22°32	M15
T 16	1 35 3	21°54'03	2♑11	14°50	28°32	3°19	19°13	19° 0	28°59	12°51	17°34	3°D19	4° 6	0°35	22°39	T 16
W17	1 39 0	22°53'43	16°21	16° 3	28°53	3°57	19° 6	18°55	29° 0	12°49	17°35	3°R19	4° 3	0°42	22°46	W17
T 18	1 42 56	23°53'25	0♒22	17°16	29°11	4°36	19° 0	18°50	29° 1	12°48	17°36	3°19	4° 0	0°48	22°54	T 18
F 19	1 46 53	24°53'09	14°14	18°26	29°28	5°15	18°53	18°46	29° 2	12°46	17°37	3°18	3°56	0°55	23° 1	F 19
S 20	1 50 50	25°52'54	27°57	19°35	29°43	5°54	18°46	18°41	29° 3	12°44	17°37	3°14	3°53	1° 1	23° 8	S 20
S 21	1 54 46	26°52'41	11♓30	20°41	29°56	6°32	18°39	18°36	29° 4	12°43	17°38	3° 7	3°50	1° 8	23°15	S 21
M22	1 58 43	27°52'30	24°52	21°46	0♐ 7	7°11	18°32	18°31	29° 5	12°41	17°39	2°58	3°47	1°15	23°23	M22
T 23	2 2 39	28°52'20	8♈ 3	22°47	0°15	7°50	18°25	18°27	29° 5	12°40	17°40	2°47	3°44	1°21	23°30	T 23
W24	2 6 36	29°52'12	21° 1	23°46	0°21	8°29	18°17	18°22	29° 6	12°38	17°41	2°36	3°41	1°28	23°38	W24
T 25	2 10 32	0♏52'07	3♉45	24°42	0°25	9° 8	18°10	18°18	29° 7	12°36	17°41	2°25	3°37	1°35	23°45	T 25
F 26	2 14 29	1°52'03	16°15	25°34	0°R27	9°47	18° 2	18°13	29° 7	12°35	17°42	2°15	3°34	1°41	23°52	F 26
S 27	2 18 25	2°52'01	28°31	26°23	0°26	10°26	17°55	18° 8	29° 8	12°33	17°43	2° 7	3°31	1°48	24° 0	S 27
S 28	2 22 22	3°52'01	10♊35	27° 7	0°23	11° 5	17°47	18° 4	29° 8	12°32	17°43	2° 3	3°28	1°55	24° 8	S 28
M29	2 26 18	4°52'04	22°29	27°46	0°18	11°43	17°39	17°59	29° 9	12°30	17°44	2° 0	3°25	2° 1	24°15	M29
T 30	2 30 15	5°52'08	4♋18	28°20	0°10	12°22	17°32	17°55	29° 9	12°29	17°45	1°D59	3°21	2° 8	24°23	T 30
W31	2 34 12	6♏52'15	16♋ 4	28♏49	29♏59	13♎ 1	17♉24	17♈51	29♋ 9	12♈27	17♌45	2♋ 0	3♋18	2♋15	24♏30	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	2s48	20n50	1s45	10s 4	0s47	22s42	5s 2	3n29	1n 2	16n41	1s17	5n19	2s47	20n59	0n31	3n42	1s41	23n49	8n33	23n24	23n23	22n56	15s 1	3n 7
T 2	3 12	22 41	0 44	10 44	0 54	22 58	5 7	3 13	1 2	16 40	1 17	5 17	2 47	20 58	0 31	3 41	1 41	23 49	8 34	23 24	23 23	22 57	15 2	3 7
W 3	3 35	23 32	0n18	11 23	1 1	23 14	5 12	2 58	1 2	16 39	1 17	5 15	2 47	20 58	0 31	3 41	1 41	23 49	8 34	23 24	23 23	22 58	15 4	3 7
T 4	3 58	23 18	1 20	12 1	1 8	23 29	5 17	2 42	1 1	16 37	1 17	5 13	2 48	20 58	0 31	3 40	1 41	23 48	8 34	23 24	23 24	22 59	15 6	3 7
F 5	4 21	22 0	2 19	12 39	1 15	23 44	5 22	2 27	1 1	16 36	1 17	5 12	2 48	20 57	0 31	3 39	1 41	23 48	8 35	23 24	23 24	23 0	15 7	3 7
S 6	4 45	19 40	3 13	13 15	1 22	23 58	5 26	2 11	1 1	16 35	1 17	5 10	2 48	20 57	0 31	3 39	1 41	23 48	8 35	23 24	23 24	23 1	15 9	3 7
S 7	5 8	16 21	3 59	13 51	1 29	24 11	5 31	1 55	1 1	16 33	1 17	5 8	2 48	20 57	0 31	3 38	1 41	23 48	8 35	23 24	23 24	23 2	15 11	3 7
M 8	5 31	12 11	4 34	14 27	1 36	24 24	5 35	1 40	1 1	16 32	1 17	5 6	2 48	20 57	0 31	3 37	1 41	23 48	8 35	23 24	23 24	23 3	15 12	3 7
T 9	5 54	7 20	4 55	15 1	1 42	24 36	5 39	1 24	1 0	16 30	1 17	5 4	2 48	20 56	0 31	3 37	1 41	23 48	8 36	23 25	23 24	23 3	15 14	3 7
W10	6 17	1 59	5 1	15 35	1 49	24 48	5 43	1 9	1 0	16 29	1 17	5 3	2 48	20 56	0 31	3 36	1 41	23 48	8 36	23 25	23 24	23 4	15 16	3 7
T 11	6 40	3s35	4 49	16 7	1 55	24 59	5 47	0 53	1 0	16 27	1 17	5 1	2 48	20 56	0 32	3 35	1 41	23 48	8 36	23 25	23 24	23 5	15 18	3 7
F 12	7 3	9 4	4 18	16 39	2 1	25 9	5 50	0 37	1 0	16 26	1 18	4 59	2 48	20 56	0 32	3 35	1 41	23 48	8 36	23 26	23 24	23 6	15 19	3 8
S 13	7 25	14 8	3 32	17 10	2 7	25 19	5 53	0 22	0 59	16 24	1 18	4 57	2 48	20 55	0 32	3 34	1 41	23 47	8 37	23 26	23 25	23 7	15 21	3 8
S 14	7 48	18 25	2 31	17 40	2 13	25 28	5 56	0 6	0 59	16 22	1 18	4 55	2 48	20 55	0 32	3 33	1 41	23 47	8 37	23 26	23 25	23 8	15 23	3 8
M15	8 10	21 35	1 21	18 8	2 19	25 37	5 59	0s10	0 59	16 20	1 18	4 54	2 48	20 55	0 32	3 33	1 41	23 47	8 37	23 26	23 25	23 9	15 24	3 8
T 16	8 33	23 22	0 6	18 36	2 24	25 44	6 2	0 25	0 59	16 19	1 18	4 52	2 48	20 55	0 32	3 32	1 41	23 47	8 38	23 26	23 25	23 10	15 26	3 8
W17	8 55	23 37	1s 9	19 3	2 29	25 51	6 4	0 41	0 58	16 17	1 18	4 50	2 48	20 55	0 32	3 32	1 41	23 47	8 38	23 26	23 25	23 10	15 28	3 8
T 18	9 17	22 22	2 19	19 28	2 34	25 57	6 6	0 56	0 58	16 15	1 18	4 48	2 48	20 54	0 32	3 31	1 41	23 47	8 38	23 26	23 25	23 11	15 30	3 8
F 19	9 39	19 46	3 20	19 52	2 38	26 3	6 8	1 12	0 58	16 13	1 18	4 47	2 48	20 54	0 32	3 30	1 41	23 47	8 38	23 26	23 25	23 12	15 31	3 8
S 20	10 1	16 5	4 8	20 15	2 42	26 7	6 9	1 28	0 58	16 11	1 18	4 45	2 48	20 54	0 32	3 30	1 41	23 47	8 39	23 26	23 25	23 13	15 33	3 8
S 21	10 23	11 37	4 42	20 37	2 46	26 11	6 10	1 43	0 57	16 9	1 18	4 43	2 48	20 54	0 32	3 29	1 41	23 47	8 39	23 26	23 25	23 14	15 35	3 8
M22	10 44	6 38	5 0	20 57	2 49	26 14	6 10	1 59	0 57	16 7	1 18	4 41	2 48	20 54	0 32	3 28	1 41	23 47	8 39	23 27	23 25	23 15	15 36	3 8
T 23	11 5	1 26	5 2	21 16	2 52	26 16	6 10	2 15	0 57	16 5	1 18	4 40	2 47	20 54	0 32	3 28	1 41	23 47	8 40	23 27	23 26	23 15	15 38	3 8
W24	11 27	3n46	4 48	21 33	2 54	26 17	6 10	2 30	0 57	16 3	1 18	4 38	2 47	20 54	0 32	3 27	1 41	23 47	8 40	23 27	23 26	23 16	15 40	3 9
T 25	11 48	8 43	4 20	21 49	2 55	26 17	6 9	2 46	0 56	16 1	1 18	4 36	2 47	20 53	0 32	3 27	1 41	23 47	8 40	23 27	23 26	23 17	15 42	3 9
F 26	12 9	13 13	3 39	22 2	2 56	26 16	6 8	3 1	0 56	15 59	1 18	4 35	2 47	20 53	0 32	3 26	1 41	23 48	8 41	23 28	23 26	23 18	15 43	3 9
S 27	12 29	17 6	2 49	22 14	2 57	26 14	6 6	3 17	0 56	15 57	1 18	4 33	2 47	20 53	0 32	3 25	1 41	23 48	8 41	23 28	23 26	23 19	15 45	3 9
S 28	12 50	20 13	1 52	22 24	2 56	26 11	6 4	3 32	0 55	15 55	1 18	4 31	2 47	20 53	0 32	3 25	1 41	23 48	8 41	23 28	23 26	23 19	15 47	3 9
M29	13 10	22 25	0 51	22 32	2 55	26 7	6 1	3 48	0 55	15 53	1 18	4 30	2 47	20 53	0 32	3 24	1 41	23 48	8 42	23 28	23 26	23 20	15 48	3 9
T 30	13 30	23 37	0n12	22 37	2 52	26 2	5 57	4 3	0 55	15 51	1 18	4 28	2 47	20 53	0 32	3 24	1 41	23 48	8 42	23 28	23 26	23 21	15 50	3 9
W31	13s50	23n45	1n15	22s41	2s49	25s55	5s53	4s19	0n55	15n49	1s18	4n27	2s47	20n53	0n32	3n23	1s41	23n48	8n42	23n28	23n26	23n22	15s52	3n 9

Julian Day Number = 2343340.5, Delta T = 13.08 sec
Ecliptic obliquity = 23°28'40, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'17, Lahiri = 19°43'18Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1703
geocentric

NOVEMBER 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 38 8	7♏52'23	27♋54	29♏10	29°R46	13♎40	17°R16	17°R46	29♋10	12°R26	17♌46	2♋ 1	3♋15	2♋21	24♏38	T 1
F 2	2 42 5	8°52'34	9♌53	29°25	29♏31	14°19	17♉ 8	17♈42	29°10	12♈24	17°46	2°R 2	3°12	2°28	24°45	F 2
S 3	2 46 1	9°52'47	22° 5	29°R31	29°14	14°58	17° 0	17°38	29°10	12°23	17°47	2° 1	3° 9	2°34	24°53	S 3
S 4	2 49 58	10°53'02	4♍36	29°30	28°54	15°37	16°52	17°34	29°10	12°21	17°47	1°58	3° 6	2°41	25° 1	S 4
M 5	2 53 54	11°53'18	17°31	29°19	28°32	16°16	16°43	17°29	29°R10	12°20	17°48	1°53	3° 2	2°48	25° 8	M 5
T 6	2 57 51	12°53'37	0♎51	28°58	28° 7	16°56	16°35	17°25	29°10	12°19	17°48	1°46	2°59	2°54	25°16	T 6
W 7	3 1 47	13°53'58	14°38	28°28	27°41	17°35	16°27	17°21	29°10	12°17	17°49	1°38	2°56	3° 1	25°24	W 7
T 8	3 5 44	14°54'20	28°50	27°47	27°13	18°14	16°19	17°17	29°10	12°16	17°49	1°30	2°53	3° 8	25°32	T 8
F 9	3 9 41	15°54'45	13♏22	26°57	26°43	18°53	16°11	17°14	29°10	12°15	17°49	1°23	2°50	3°14	25°39	F 9
S 10	3 13 37	16°55'11	28° 7	25°57	26°12	19°32	16° 3	17°10	29° 9	12°13	17°50	1°17	2°47	3°21	25°47	S 10
S 11	3 17 34	17°55'39	12♐58	24°49	25°39	20°11	15°54	17° 6	29° 9	12°12	17°50	1°14	2°43	3°28	25°55	S 11
M12	3 21 30	18°56'08	27°46	23°35	25° 5	20°50	15°46	17° 2	29° 9	12°11	17°50	1°D13	2°40	3°34	26° 3	M12
T 13	3 25 27	19°56'39	12♑25	22°16	24°30	21°30	15°38	16°59	29° 8	12° 9	17°50	1°13	2°37	3°41	26°10	T 13
W14	3 29 23	20°57'11	26°51	20°55	23°55	22° 9	15°30	16°55	29° 8	12° 8	17°51	1°14	2°34	3°48	26°18	W14
T 15	3 33 20	21°57'44	11♒ 0	19°35	23°18	22°48	15°22	16°52	29° 7	12° 7	17°51	1°16	2°31	3°54	26°26	T 15
F 16	3 37 17	22°58'18	24°52	18°18	22°42	23°27	15°14	16°48	29° 7	12° 6	17°51	1°R16	2°27	4° 1	26°34	F 16
S 17	3 41 13	23°58'54	8♓27	17° 6	22° 6	24° 6	15° 6	16°45	29° 6	12° 5	17°51	1°15	2°24	4° 7	26°42	S 17
S 18	3 45 10	24°59'31	21°45	16° 2	21°29	24°46	14°58	16°42	29° 6	12° 4	17°51	1°12	2°21	4°14	26°49	S 18
M19	3 49 6	26° 0'08	4♈48	15° 8	20°54	25°25	14°50	16°39	29° 5	12° 2	17°51	1° 8	2°18	4°21	26°57	M19
T 20	3 53 3	27° 0'47	17°38	14°25	20°19	26° 4	14°42	16°36	29° 4	12° 1	17°R51	1° 2	2°15	4°27	27° 5	T 20
W21	3 56 59	28° 1'28	0♉15	13°53	19°45	26°44	14°34	16°33	29° 3	12° 0	17°51	0°56	2°12	4°34	27°13	W21
T 22	4 0 56	29° 2'09	12°40	13°33	19°12	27°23	14°27	16°30	29° 2	11°59	17°51	0°50	2° 8	4°41	27°21	T 22
F 23	4 4 52	0♐ 2'52	24°55	13°D24	18°41	28° 2	14°19	16°27	29° 1	11°58	17°51	0°45	2° 5	4°47	27°28	F 23
S 24	4 8 49	1° 3'36	7♊ 0	13°27	18°11	28°42	14°12	16°24	29° 0	11°57	17°51	0°42	2° 2	4°54	27°36	S 24
S 25	4 12 45	2° 4'22	18°57	13°39	17°43	29°21	14° 4	16°22	28°59	11°56	17°51	0°40	1°59	5° 1	27°44	S 25
M26	4 16 42	3° 5'09	0♋47	14° 2	17°17	0♏ 0	13°57	16°19	28°58	11°55	17°51	0°D39	1°56	5° 7	27°52	M26
T 27	4 20 39	4° 5'57	12°34	14°32	16°53	0°40	13°50	16°17	28°57	11°55	17°50	0°39	1°53	5°14	27°59	T 27
W28	4 24 35	5° 6'46	24°21	15°11	16°32	1°19	13°43	16°14	28°56	11°54	17°50	0°41	1°49	5°21	28° 7	W28
T 29	4 28 32	6° 7'37	6♌11	15°56	16°12	1°59	13°36	16°12	28°55	11°53	17°50	0°43	1°46	5°27	28°15	T 29
F 30	4 32 28	7♐ 8'30	18♌ 9	16♏47	15♏55	2♏38	13♉29	16♈10	28♋53	11♈52	17♌50	0♋44	1♋43	5♋34	28♏23	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	14s 9	22n49	2n15	22s41	2s45	25s48	5s48	4s34	0n54	15n46	1s18	4n25	2s47	20n53	0n32	3n23	1s41	23n48	8n42	23n28	23n26	23n23	15s54	3n10
F 2	14 29	20 51	3 10	22 39	2 39	25 39	5 43	4 50	0 54	15 44	1 18	4 23	2 47	20 53	0 32	3 22	1 41	23 48	8 43	23 28	23 26	23 23	15 55	3 10
S 3	14 48	17 54	3 57	22 33	2 32	25 29	5 37	5 5	0 54	15 42	1 18	4 22	2 46	20 53	0 32	3 21	1 41	23 48	8 43	23 28	23 26	23 24	15 57	3 10
S 4	15 7	14 5	4 34	22 25	2 24	25 18	5 30	5 20	0 53	15 40	1 17	4 21	2 46	20 53	0 32	3 21	1 40	23 49	8 43	23 28	23 26	23 25	15 59	3 10
M 5	15 26	9 31	4 58	22 12	2 14	25 6	5 23	5 36	0 53	15 37	1 17	4 19	2 46	20 53	0 32	3 20	1 40	23 49	8 44	23 28	23 27	23 26	16 0	3 10
T 6	15 44	4 22	5 8	21 57	2 2	24 53	5 14	5 51	0 53	15 35	1 17	4 18	2 46	20 53	0 32	3 20	1 40	23 49	8 44	23 28	23 27	23 26	16 2	3 10
W 7	16 2	1s10	5 0	21 37	1 49	24 38	5 5	6 6	0 52	15 33	1 17	4 16	2 46	20 53	0 33	3 19	1 40	23 49	8 44	23 28	23 27	23 27	16 4	3 10
T 8	16 20	6 48	4 34	21 13	1 34	24 22	4 56	6 21	0 52	15 31	1 17	4 15	2 46	20 53	0 33	3 19	1 40	23 49	8 45	23 28	23 27	23 28	16 5	3 11
F 9	16 38	12 13	3 50	20 46	1 17	24 5	4 46	6 37	0 52	15 28	1 17	4 14	2 46	20 53	0 33	3 18	1 40	23 49	8 45	23 28	23 27	23 28	16 7	3 11
S 10	16 55	17 1	2 50	20 14	0 59	23 47	4 35	6 52	0 51	15 26	1 17	4 12	2 45	20 53	0 33	3 18	1 40	23 50	8 45	23 28	23 27	23 29	16 9	3 11
S 11	17 12	20 47	1 37	19 39	0 40	23 28	4 23	7 7	0 51	15 24	1 17	4 11	2 45	20 54	0 33	3 17	1 40	23 50	8 46	23 28	23 27	23 30	16 10	3 11
M12	17 29	23 9	0 19	19 2	0 20	23 8	4 11	7 22	0 51	15 22	1 17	4 10	2 45	20 54	0 33	3 17	1 40	23 50	8 46	23 28	23 27	23 31	16 12	3 11
T 13	17 45	23 54	1s 1	18 22	0n 0	22 47	3 58	7 37	0 50	15 20	1 17	4 9	2 45	20 54	0 33	3 16	1 40	23 50	8 46	23 28	23 27	23 31	16 13	3 11
W14	18 1	23 2	2 15	17 41	0 21	22 25	3 45	7 52	0 50	15 17	1 16	4 7	2 45	20 54	0 33	3 16	1 40	23 51	8 47	23 28	23 27	23 32	16 15	3 12
T 15	18 17	20 42	3 20	17 0	0 41	22 2	3 31	8 7	0 50	15 15	1 16	4 6	2 45	20 54	0 33	3 16	1 40	23 51	8 47	23 28	23 27	23 33	16 17	3 12
F 16	18 33	17 12	4 11	16 20	1 0	21 39	3 17	8 22	0 49	15 13	1 16	4 5	2 44	20 54	0 33	3 15	1 40	23 51	8 47	23 28	23 27	23 33	16 18	3 12
S 17	18 48	12 51	4 47	15 43	1 18	21 16	3 3	8 36	0 49	15 11	1 16	4 4	2 44	20 54	0 33	3 15	1 40	23 51	8 48	23 28	23 27	23 34	16 20	3 12
S 18	19 3	7 59	5 7	15 9	1 35	20 52	2 48	8 51	0 49	15 9	1 16	4 3	2 44	20 55	0 33	3 14	1 40	23 52	8 48	23 28	23 27	23 35	16 21	3 13
M19	19 17	2 51	5 11	14 40	1 49	20 27	2 33	9 6	0 48	15 6	1 16	4 2	2 44	20 55	0 33	3 14	1 40	23 52	8 48	23 28	23 27	23 35	16 23	3 13
T 20	19 31	2n20	4 59	14 15	2 1	20 3	2 17	9 20	0 48	15 4	1 16	4 1	2 44	20 55	0 33	3 14	1 40	23 52	8 49	23 28	23 28	23 36	16 24	3 13
W21	19 45	7 20	4 32	13 56	2 12	19 39	2 2	9 35	0 48	15 2	1 15	4 0	2 43	20 55	0 33	3 13	1 40	23 53	8 49	23 28	23 28	23 37	16 26	3 13
T 22	19 59	11 58	3 53	13 42	2 20	19 15	1 46	9 49	0 47	15 0	1 15	3 59	2 43	20 55	0 33	3 13	1 40	23 53	8 49	23 28	23 28	23 37	16 27	3 13
F 23	20 12	16 3	3 3	13 34	2 26	18 51	1 30	10 4	0 47	14 58	1 15	3 58	2 43	20 56	0 33	3 12	1 40	23 53	8 50	23 29	23 28	23 38	16 29	3 14
S 24	20 24	19 26	2 6	13 30	2 30	18 28	1 15	10 18	0 46	14 56	1 15	3 57	2 43	20 56	0 33	3 12	1 40	23 54	8 50	23 29	23 28	23 39	16 30	3 14
S 25	20 37	21 57	1 4	13 32	2 33	18 6	1 0	10 33	0 46	14 54	1 15	3 57	2 42	20 56	0 33	3 12	1 40	23 54	8 50	23 29	23 28	23 39	16 32	3 14
M26	20 48	23 29	0n 1	13 37	2 34	17 44	0 44	10 47	0 46	14 52	1 14	3 56	2 42	20 56	0 33	3 11	1 40	23 54	8 51	23 29	23 28	23 40	16 33	3 14
T 27	21 0	23 58	1 5	13 46	2 34	17 23	0 29	11 1	0 45	14 50	1 14	3 55	2 42	20 57	0 33	3 11	1 40	23 55	8 51	23 29	23 28	23 41	16 35	3 15
W28	21 11	23 22	2 7	13 59	2 33	17 2	0 14	11 15	0 45	14 48	1 14	3 55	2 42	20 57	0 33	3 11	1 40	23 55	8 51	23 29	23 28	23 41	16 36	3 15
T 29	21 22	21 43	3 4	14 14	2 30	16 43	0 0	11 29	0 44	14 46	1 14	3 54	2 41	20 57	0 33	3 11	1 40	23 55	8 52	23 29	23 28	23 42	16 38	3 15
F 30	21s32	19n 6	3n53	14s32	2n27	16s24	0n14	11s43	0n44	14n44	1s14	3n53	2s41	20n57	0n33	3n10	1s40	23n56	8n52	23n29	23n28	23n42	16s39	3n15

Julian Day Number = 2343371.5, Delta T = 13.06 sec
Ecliptic obliquity = 23°28'40, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'21, Lahiri = 19°43'22Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1703
geocentric

DECEMBER 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 36 25	8♐ 9'23	0♍19	17♏44	15°R41	3♏18	13°R22	16°R 8	28°R52	11°R51	17°R49	0♋46	1♋40	5♋41	28♏30	S 1
S 2	4 40 21	9°10'18	12°47	18°45	15♏29	3°57	13♉15	16♈ 6	28♋51	11♈51	17♌49	0°R46	1°37	5°47	28°38	S 2
M 3	4 44 18	10°11'14	25°36	19°51	15°19	4°37	13° 9	16° 4	28°49	11°50	17°49	0°45	1°33	5°54	28°46	M 3
T 4	4 48 15	11°12'12	8♎50	20°59	15°12	5°16	13° 2	16° 3	28°48	11°49	17°48	0°43	1°30	6° 0	28°53	T 4
W 5	4 52 11	12°13'10	22°32	22°11	15° 8	5°56	12°56	16° 1	28°46	11°49	17°48	0°41	1°27	6° 7	29° 1	W 5
T 6	4 56 8	13°14'10	6♏42	23°26	15°D 6	6°36	12°50	16° 0	28°45	11°48	17°47	0°38	1°24	6°14	29° 9	T 6
F 7	5 0 4	14°15'11	21°17	24°43	15° 6	7°15	12°44	15°58	28°43	11°47	17°47	0°36	1°21	6°20	29°16	F 7
S 8	5 4 1	15°16'13	6♐12	26° 1	15° 9	7°55	12°38	15°57	28°42	11°47	17°46	0°34	1°18	6°27	29°24	S 8
S 9	5 7 57	16°17'16	21°19	27°22	15°14	8°34	12°33	15°56	28°40	11°46	17°46	0°33	1°14	6°34	29°31	S 9
M10	5 11 54	17°18'20	6♑28	28°44	15°21	9°14	12°27	15°55	28°38	11°46	17°45	0°D33	1°11	6°40	29°39	M10
T 11	5 15 50	18°19'24	21°30	0♐ 7	15°31	9°54	12°22	15°54	28°36	11°45	17°45	0°34	1° 8	6°47	29°47	T 11
W12	5 19 47	19°20'29	6♒18	1°31	15°43	10°33	12°17	15°53	28°35	11°45	17°44	0°35	1° 5	6°54	29°54	W12
T 13	5 23 44	20°21'35	20°45	2°57	15°57	11°13	12°12	15°52	28°33	11°45	17°43	0°36	1° 2	7° 0	0♐ 1	T 13
F 14	5 27 40	21°22'40	4♓49	4°23	16°13	11°53	12° 7	15°51	28°31	11°44	17°43	0°37	0°59	7° 7	0° 9	F 14
S 15	5 31 37	22°23'46	18°29	5°50	16°32	12°33	12° 3	15°51	28°29	11°44	17°42	0°R37	0°55	7°14	0°16	S 15
S 16	5 35 33	23°24'52	1♈45	7°17	16°52	13°12	11°59	15°50	28°27	11°44	17°41	0°37	0°52	7°20	0°24	S 16
M17	5 39 30	24°25'59	14°40	8°45	17°14	13°52	11°54	15°50	28°25	11°43	17°41	0°36	0°49	7°27	0°31	M17
T 18	5 43 26	25°27'05	27°18	10°14	17°38	14°32	11°50	15°50	28°23	11°43	17°40	0°36	0°46	7°34	0°38	T 18
W19	5 47 23	26°28'12	9♉40	11°43	18° 4	15°12	11°47	15°D50	28°21	11°43	17°39	0°35	0°43	7°40	0°46	W19
T 20	5 51 19	27°29'19	21°51	13°13	18°31	15°51	11°43	15°50	28°19	11°43	17°38	0°35	0°39	7°47	0°53	T 20
F 21	5 55 16	28°30'27	3♊52	14°43	19° 0	16°31	11°39	15°50	28°16	11°43	17°37	0°34	0°36	7°53	1° 0	F 21
S 22	5 59 13	29°31'34	15°47	16°13	19°31	17°11	11°36	15°50	28°14	11°43	17°37	0°34	0°33	8° 0	1° 7	S 22
S 23	6 3 9	0♑32'42	27°37	17°44	20° 3	17°51	11°33	15°51	28°12	11°43	17°36	0°34	0°30	8° 7	1°14	S 23
M24	6 7 6	1°33'51	9♋25	19°15	20°37	18°31	11°30	15°51	28°10	11°D43	17°35	0°34	0°27	8°13	1°21	M24
T 25	6 11 2	2°34'59	21°13	20°46	21°12	19°11	11°28	15°52	28° 8	11°43	17°34	0°34	0°24	8°20	1°28	T 25
W26	6 14 59	3°36'08	3♌ 3	22°18	21°49	19°51	11°25	15°52	28° 5	11°43	17°33	0°34	0°20	8°27	1°35	W26
T 27	6 18 55	4°37'17	14°58	23°50	22°27	20°31	11°23	15°53	28° 3	11°43	17°32	0°33	0°17	8°33	1°42	T 27
F 28	6 22 52	5°38'26	27° 0	25°22	23° 6	21°11	11°21	15°54	28° 1	11°43	17°31	0°33	0°14	8°40	1°49	F 28
S 29	6 26 48	6°39'36	9♍12	26°54	23°46	21°51	11°19	15°55	27°58	11°43	17°30	0°32	0°11	8°47	1°56	S 29
S 30	6 30 45	7°40'46	21°39	28°27	24°28	22°31	11°18	15°56	27°56	11°43	17°29	0°31	0° 8	8°53	2° 3	S 30
M31	6 34 42	8♑41'56	4♎24	0♑ 1	25♏11	23♏11	11♉16	15♈57	27♋54	11♈44	17♌28	0°D31	0♋ 4	9♋ 0	2♐10	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	21 s42	15n37	4n33	14 s51	2n23	16 s 7	0n28	11 s57	0n44	14n43	1 s13	3n53	2 s41	20n58	0n33	3n10	1 s40	23n56	8n52	23n29	23n28	23n43	16 s41	3n16
S 2	21 52	11 24	5 1	15 13	2 18	15 51	0 41	12 11	0 43	14 41	1 13	3 52	2 41	20 58	0 33	3 10	1 39	23 57	8 52	23 29	23 28	23 44	16 42	3 16
M 3	22 1	6 34	5 15	15 35	2 13	15 36	0 54	12 25	0 43	14 39	1 13	3 52	2 41	20 58	0 33	3 10	1 39	23 57	8 53	23 29	23 28	23 44	16 43	3 16
T 4	22 9	1 17	5 13	15 59	2 7	15 22	1 7	12 38	0 42	14 37	1 13	3 51	2 40	20 59	0 33	3 9	1 39	23 57	8 53	23 29	23 28	23 45	16 45	3 17
W 5	22 18	4 s14	4 54	16 24	2 1	15 9	1 19	12 52	0 42	14 36	1 13	3 51	2 40	20 59	0 33	3 9	1 39	23 58	8 53	23 29	23 28	23 45	16 46	3 17
T 6	22 25	9 45	4 16	16 49	1 55	14 57	1 30	13 5	0 41	14 34	1 12	3 51	2 40	20 59	0 34	3 9	1 39	23 58	8 54	23 29	23 28	23 46	16 47	3 17
F 7	22 33	14 53	3 21	17 14	1 48	14 47	1 41	13 19	0 41	14 33	1 12	3 50	2 39	21 0	0 34	3 9	1 39	23 59	8 54	23 29	23 28	23 46	16 49	3 17
S 8	22 40	19 14	2 11	17 40	1 41	14 37	1 52	13 32	0 41	14 31	1 12	3 50	2 39	21 0	0 34	3 9	1 39	23 59	8 54	23 29	23 28	23 47	16 50	3 18
S 9	22 46	22 21	0 51	18 5	1 33	14 29	2 2	13 45	0 40	14 30	1 12	3 50	2 39	21 1	0 34	3 8	1 39	24 0	8 55	23 29	23 28	23 48	16 51	3 18
M10	22 52	23 52	0 s33	18 30	1 26	14 22	2 12	13 58	0 40	14 28	1 11	3 50	2 39	21 1	0 34	3 8	1 39	24 0	8 55	23 29	23 28	23 48	16 53	3 18
T 11	22 58	23 38	1 54	18 56	1 19	14 16	2 21	14 11	0 39	14 27	1 11	3 50	2 38	21 1	0 34	3 8	1 39	24 1	8 55	23 29	23 28	23 49	16 54	3 19
W12	23 3	21 44	3 6	19 20	1 11	14 11	2 30	14 24	0 39	14 26	1 11	3 49	2 38	21 2	0 34	3 8	1 39	24 1	8 56	23 29	23 28	23 49	16 55	3 19
T 13	23 8	18 27	4 4	19 45	1 4	14 7	2 38	14 37	0 38	14 24	1 10	3 49	2 38	21 2	0 34	3 8	1 39	24 1	8 56	23 29	23 28	23 50	16 56	3 19
F 14	23 12	14 12	4 46	20 8	0 56	14 4	2 46	14 49	0 38	14 23	1 10	3 49	2 38	21 3	0 34	3 8	1 39	24 2	8 56	23 29	23 28	23 50	16 58	3 20
S 15	23 16	9 20	5 11	20 31	0 48	14 2	2 53	15 2	0 37	14 22	1 10	3 50	2 37	21 3	0 34	3 8	1 39	24 2	8 56	23 29	23 28	23 51	16 59	3 20
S 16	23 19	4 10	5 18	20 54	0 41	14 1	3 0	15 15	0 37	14 21	1 10	3 50	2 37	21 3	0 34	3 8	1 39	24 3	8 57	23 29	23 28	23 51	17 0	3 20
M17	23 22	1n 3	5 8	21 15	0 33	14 1	3 7	15 27	0 36	14 20	1 9	3 50	2 37	21 4	0 34	3 8	1 39	24 3	8 57	23 29	23 29	23 52	17 1	3 21
T 18	23 24	6 6	4 44	21 36	0 26	14 2	3 13	15 39	0 36	14 19	1 9	3 50	2 36	21 4	0 34	3 8	1 39	24 4	8 57	23 29	23 29	23 52	17 2	3 21
W19	23 26	10 50	4 7	21 56	0 18	14 3	3 19	15 51	0 35	14 18	1 9	3 50	2 36	21 5	0 34	3 8	1 39	24 4	8 58	23 29	23 29	23 53	17 3	3 21
T 20	23 27	15 3	3 19	22 15	0 11	14 5	3 24	16 3	0 35	14 17	1 9	3 50	2 36	21 5	0 34	3 8	1 39	24 5	8 58	23 29	23 29	23 53	17 5	3 22
F 21	23 28	18 37	2 23	22 33	0 3	14 8	3 29	16 15	0 34	14 16	1 8	3 51	2 36	21 6	0 34	3 8	1 39	24 6	8 58	23 29	23 29	23 54	17 6	3 22
S 22	23 29	21 22	1 21	22 49	0 s 4	14 12	3 34	16 27	0 34	14 16	1 8	3 51	2 35	21 6	0 34	3 8	1 39	24 6	8 58	23 29	23 29	23 54	17 7	3 22
S 23	23 29	23 11	0 16	23 5	0 11	14 16	3 38	16 39	0 33	14 15	1 8	3 51	2 35	21 7	0 34	3 8	1 38	24 7	8 59	23 29	23 29	23 55	17 8	3 23
M24	23 28	23 57	0n49	23 20	0 18	14 21	3 42	16 50	0 33	14 14	1 7	3 52	2 35	21 7	0 34	3 8	1 38	24 7	8 59	23 29	23 29	23 55	17 9	3 23
T 25	23 27	23 39	1 52	23 34	0 25	14 27	3 46	17 2	0 32	14 14	1 7	3 52	2 35	21 7	0 34	3 8	1 38	24 8	8 59	23 29	23 29	23 56	17 10	3 24
W26	23 26	22 17	2 51	23 46	0 31	14 33	3 49	17 13	0 32	14 13	1 7	3 53	2 34	21 8	0 34	3 8	1 38	24 8	8 59	23 29	23 29	23 56	17 11	3 24
T 27	23 24	19 55	3 43	23 58	0 38	14 40	3 52	17 24	0 31	14 13	1 7	3 53	2 34	21 8	0 34	3 8	1 38	24 9	9 0	23 29	23 29	23 56	17 12	3 24
F 28	23 21	16 41	4 25	24 8	0 44	14 47	3 55	17 35	0 31	14 13	1 6	3 54	2 34	21 9	0 34	3 8	1 38	24 9	9 0	23 29	23 29	23 57	17 13	3 25
S 29	23 19	12 42	4 56	24 17	0 50	14 55	3 58	17 46	0 30	14 12	1 6	3 55	2 33	21 9	0 34	3 8	1 38	24 10	9 0	23 29	23 29	23 57	17 14	3 25
S 30	23 15	8 7	5 14	24 25	0 56	15 3	4 0	17 57	0 29	14 12	1 6	3 55	2 33	21 10	0 34	3 8	1 38	24 10	9 0	23 29	23 29	23 58	17 15	3 26
M31	23 s11	3n 6	5n17	24 s31	1 s 2	15 s11	4n 2	18 s 8	0n29	14n12	1 s 5	3n56	2 s33	21n10	0n34	3n 8	1 s38	24n11	9n 1	23n29	23n29	23n58	17 s16	3n26

Julian Day Number = 2343401.5, Delta T = 13.03 sec
Ecliptic obliquity = 23°28'39, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'25, Lahiri = 19°43'26Greg. Calendar