Astrodienst Ephemeris Tables

for the year 2083

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 2083
geocentric

JANUARY 2083 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 43 25	10♑44'08	5♊26	27°R13	24♏30	11♈19	25♈13	5♓17	12♒ 6	9°R13	15♈19	18°R19	19♒44	10♉34	20°R 7	F 1
S 2	6 47 22	11°45'16	17°37	26♐36	25°36	11°55	25°15	5°22	12° 9	9♌12	15°19	18♒12	19°41	10°41	20♉ 6	S 2
S 3	6 51 19	12°46'24	29°59	26°10	26°42	12°31	25°18	5°27	12°12	9°10	15°19	18° 5	19°37	10°47	20° 4	S 3
M 4	6 55 15	13°47'32	12♋33	25°54	27°48	13° 7	25°21	5°33	12°15	9° 9	15°19	18° 0	19°34	10°54	20° 2	M 4
T 5	6 59 12	14°48'40	25°19	25°D48	28°55	13°43	25°25	5°38	12°18	9° 8	15°19	17°56	19°31	11° 1	20° 1	T 5
W 6	7 3 8	15°49'47	8♌17	25°51	0♐ 2	14°19	25°28	5°44	12°22	9° 6	15°20	17°54	19°28	11° 8	20° 0	W 6
T 7	7 7 5	16°50'55	21°27	26° 2	1° 9	14°56	25°32	5°49	12°25	9° 4	15°20	17°D54	19°25	11°14	19°58	T 7
F 8	7 11 1	17°52'03	4♍49	26°21	2°16	15°32	25°35	5°55	12°28	9° 3	15°20	17°55	19°22	11°21	19°57	F 8
S 9	7 14 58	18°53'11	18°22	26°48	3°23	16° 8	25°39	6° 1	12°31	9° 1	15°20	17°56	19°18	11°28	19°56	S 9
S 10	7 18 54	19°54'19	2♎ 7	27°20	4°31	16°45	25°44	6° 6	12°35	9° 0	15°21	17°58	19°15	11°34	19°54	S 10
M11	7 22 51	20°55'27	16° 4	27°59	5°39	17°21	25°48	6°12	12°38	8°58	15°21	17°R59	19°12	11°41	19°53	M11
T 12	7 26 48	21°56'36	0♏11	28°42	6°47	17°58	25°53	6°18	12°41	8°57	15°21	17°59	19° 9	11°48	19°52	T 12
W13	7 30 44	22°57'44	14°28	29°31	7°55	18°35	25°57	6°24	12°45	8°55	15°21	17°57	19° 6	11°55	19°51	W13
T 14	7 34 41	23°58'52	28°51	0♑23	9° 4	19°12	26° 2	6°30	12°48	8°53	15°22	17°55	19° 2	12° 1	19°50	T 14
F 15	7 38 37	25° 0'01	13♐17	1°19	10°12	19°48	26° 7	6°36	12°51	8°52	15°22	17°52	18°59	12° 8	19°49	F 15
S 16	7 42 34	26° 1'09	27°41	2°19	11°21	20°25	26°13	6°42	12°55	8°50	15°23	17°48	18°56	12°15	19°49	S 16
S 17	7 46 30	27° 2'17	11♑56	3°21	12°30	21° 2	26°18	6°48	12°58	8°49	15°23	17°45	18°53	12°22	19°48	S 17
M18	7 50 27	28° 3'24	25°59	4°26	13°39	21°39	26°24	6°55	13° 1	8°47	15°23	17°43	18°50	12°28	19°47	M18
T 19	7 54 24	29° 4'31	9♒45	5°34	14°48	22°17	26°30	7° 1	13° 5	8°45	15°24	17°42	18°47	12°35	19°47	T 19
W20	7 58 20	0♒ 5'38	23°11	6°43	15°57	22°54	26°36	7° 7	13° 8	8°44	15°24	17°D42	18°43	12°42	19°46	W20
T 21	8 2 17	1° 6'43	6♓16	7°55	17° 6	23°31	26°42	7°14	13°12	8°42	15°25	17°43	18°40	12°48	19°46	T 21
F 22	8 6 13	2° 7'48	19° 0	9° 9	18°16	24° 8	26°48	7°20	13°15	8°40	15°25	17°44	18°37	12°55	19°45	F 22
S 23	8 10 10	3° 8'52	1♈26	10°24	19°26	24°45	26°55	7°27	13°19	8°39	15°26	17°45	18°34	13° 2	19°45	S 23
S 24	8 14 6	4° 9'55	13°37	11°41	20°35	25°23	27° 2	7°33	13°22	8°37	15°26	17°47	18°31	13° 9	19°44	S 24
M25	8 18 3	5°10'57	25°37	12°59	21°45	26° 0	27° 8	7°40	13°26	8°35	15°27	17°47	18°28	13°15	19°44	M25
T 26	8 21 59	6°11'58	7♉31	14°18	22°55	26°38	27°15	7°46	13°29	8°33	15°28	17°R48	18°24	13°22	19°44	T 26
W27	8 25 56	7°12'58	19°24	15°39	24° 5	27°15	27°23	7°53	13°33	8°32	15°28	17°47	18°21	13°29	19°44	W27
T 28	8 29 52	8°13'57	1♊19	17° 0	25°16	27°53	27°30	7°59	13°36	8°30	15°29	17°46	18°18	13°36	19°D44	T 28
F 29	8 33 49	9°14'55	13°22	18°23	26°26	28°30	27°37	8° 6	13°39	8°28	15°30	17°45	18°15	13°42	19°44	F 29
S 30	8 37 46	10°15'51	25°37	19°47	27°36	29° 8	27°45	8°13	13°43	8°27	15°30	17°44	18°12	13°49	19°44	S 30
S 31	8 41 42	11♒16'47	8♋ 6	21♑12	28♐47	29♈46	27♈53	8♓20	13♒46	8♌25	15♈31	17♒43	18♒ 8	13♉56	19♉44	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	23s 0	26n 3	4n56	20s14	3n10	15s58	3n 1	4n36	0n 8	8n34	1s16	11s 8	1s41	17s46	0s38	17n48	0s 8	9s46	17s 7	15s20	14s54	19n48	15n 6	2s46
S 2	22 55	27 20	4 30	20 13	3 10	16 14	3 0	4 51	0 9	8 36	1 16	11 6	1 41	17 46	0 38	17 49	0 8	9 45	17 6	15 22	14 55	19 51	15 6	2 46
S 3	22 49	27 17	3 51	20 14	3 8	16 30	3 0	5 6	0 10	8 37	1 15	11 4	1 41	17 45	0 38	17 49	0 8	9 45	17 6	15 24	14 56	19 53	15 6	2 46
M 4	22 43	25 50	3 1	20 17	3 5	16 45	2 59	5 21	0 12	8 38	1 15	11 2	1 41	17 44	0 38	17 50	0 8	9 45	17 5	15 26	14 57	19 55	15 5	2 45
T 5	22 36	23 2	2 0	20 22	3 0	17 1	2 58	5 37	0 13	8 40	1 15	11 0	1 41	17 43	0 38	17 50	0 8	9 44	17 5	15 27	14 58	19 57	15 5	2 45
W 6	22 30	19 2	0 52	20 27	2 55	17 16	2 57	5 52	0 14	8 41	1 14	10 58	1 41	17 42	0 38	17 50	0 8	9 44	17 5	15 28	14 59	20 0	15 5	2 45
T 7	22 22	14 2	0s19	20 34	2 48	17 31	2 56	6 7	0 16	8 43	1 14	10 56	1 41	17 41	0 38	17 51	0 8	9 43	17 4	15 28	15 0	20 2	15 4	2 45
F 8	22 14	8 19	1 31	20 42	2 40	17 45	2 55	6 22	0 17	8 45	1 14	10 54	1 40	17 40	0 38	17 51	0 8	9 43	17 4	15 27	15 1	20 4	15 4	2 45
S 9	22 6	2 9	2 39	20 51	2 32	17 59	2 54	6 37	0 18	8 46	1 13	10 52	1 40	17 39	0 38	17 52	0 8	9 42	17 4	15 27	15 2	20 6	15 4	2 45
S 10	21 57	4s11	3 39	21 0	2 24	18 13	2 52	6 53	0 19	8 48	1 13	10 49	1 40	17 38	0 38	17 52	0 8	9 42	17 3	15 27	15 3	20 9	15 3	2 45
M11	21 48	10 25	4 27	21 10	2 15	18 26	2 51	7 8	0 20	8 50	1 13	10 47	1 40	17 37	0 38	17 53	0 8	9 42	17 3	15 26	15 4	20 11	15 3	2 45
T 12	21 39	16 12	4 59	21 19	2 6	18 39	2 49	7 23	0 22	8 52	1 13	10 45	1 40	17 36	0 38	17 53	0 8	9 41	17 2	15 26	15 5	20 13	15 3	2 45
W13	21 29	21 9	5 13	21 29	1 57	18 52	2 47	7 38	0 23	8 54	1 12	10 43	1 40	17 35	0 38	17 53	0 8	9 41	17 2	15 27	15 6	20 15	15 3	2 45
T 14	21 18	24 54	5 8	21 39	1 47	19 5	2 45	7 53	0 24	8 56	1 12	10 40	1 40	17 34	0 38	17 54	0 8	9 40	17 2	15 27	15 7	20 18	15 3	2 45
F 15	21 7	27 4	4 44	21 48	1 38	19 17	2 43	8 8	0 25	8 58	1 12	10 38	1 40	17 33	0 38	17 54	0 8	9 40	17 1	15 28	15 8	20 20	15 2	2 45
S 16	20 56	27 26	4 1	21 56	1 28	19 28	2 41	8 23	0 26	9 0	1 11	10 36	1 40	17 32	0 38	17 55	0 8	9 39	17 1	15 29	15 9	20 22	15 2	2 45
S 17	20 45	25 57	3 4	22 5	1 19	19 39	2 39	8 38	0 27	9 3	1 11	10 33	1 40	17 32	0 38	17 55	0 8	9 39	17 1	15 30	15 9	20 24	15 2	2 45
M18	20 33	22 51	1 57	22 12	1 9	19 50	2 37	8 53	0 28	9 5	1 11	10 31	1 40	17 31	0 38	17 56	0 8	9 38	17 0	15 31	15 10	20 26	15 2	2 44
T 19	20 20	18 30	0 44	22 19	1 0	20 0	2 35	9 7	0 29	9 7	1 10	10 29	1 40	17 30	0 38	17 56	0 8	9 38	17 0	15 31	15 11	20 29	15 2	2 44
W20	20 7	13 18	0n30	22 25	0 51	20 10	2 32	9 22	0 30	9 10	1 10	10 26	1 40	17 29	0 38	17 56	0 8	9 37	17 0	15 31	15 12	20 31	15 2	2 44
T 21	19 54	7 39	1 41	22 30	0 41	20 19	2 30	9 37	0 31	9 12	1 10	10 24	1 40	17 28	0 38	17 57	0 8	9 37	16 59	15 31	15 13	20 33	15 2	2 44
F 22	19 41	1 50	2 44	22 35	0 32	20 28	2 27	9 51	0 32	9 15	1 10	10 21	1 40	17 27	0 38	17 57	0 8	9 36	16 59	15 31	15 14	20 35	15 2	2 44
S 23	19 27	3n55	3 39	22 38	0 24	20 36	2 25	10 6	0 33	9 17	1 9	10 19	1 40	17 26	0 38	17 58	0 8	9 36	16 59	15 30	15 15	20 37	15 2	2 44
S 24	19 13	9 24	4 22	22 40	0 15	20 44	2 22	10 21	0 34	9 20	1 9	10 16	1 40	17 25	0 38	17 58	0 8	9 35	16 58	15 30	15 16	20 39	15 2	2 44
M25	18 58	14 27	4 53	22 42	0 6	20 51	2 19	10 35	0 35	9 23	1 9	10 14	1 40	17 24	0 38	17 59	0 8	9 35	16 58	15 30	15 17	20 42	15 2	2 44
T 26	18 43	18 55	5 11	22 42	0s 2	20 58	2 17	10 50	0 36	9 26	1 9	10 12	1 40	17 23	0 38	17 59	0 8	9 34	16 58	15 30	15 18	20 44	15 2	2 44
W27	18 28	22 38	5 16	22 41	0 10	21 4	2 14	11 4	0 37	9 28	1 8	10 9	1 40	17 22	0 38	18 0	0 8	9 34	16 57	15 30	15 19	20 46	15 2	2 44
T 28	18 12	25 26	5 8	22 39	0 18	21 10	2 11	11 18	0 38	9 31	1 8	10 6	1 40	17 21	0 38	18 0	0 8	9 33	16 57	15 30	15 20	20 48	15 2	2 44
F 29	17 56	27 7	4 45	22 36	0 26	21 15	2 8	11 33	0 39	9 34	1 8	10 4	1 39	17 20	0 38	18 1	0 8	9 33	16 57	15 30	15 21	20 50	15 2	2 44
S 30	17 40	27 31	4 10	22 31	0 33	21 20	2 5	11 47	0 40	9 37	1 7	10 1	1 39	17 19	0 38	18 1	0 8	9 32	16 56	15 31	15 22	20 52	15 2	2 44
S 31	17s23	26n33	3n22	22s26	0s41	21s24	2n 2	12n 1	0n40	9n40	1s 7	9s59	1s39	17s18	0s38	18n 1	0s 8	9s31	16s56	15s31	15s23	20n54	15n 2	2s43

Julian Day Number = 2481860.5, Delta T = 85.88 sec
Ecliptic obliquity = 23°25'49, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°54'00, Lahiri = 25°01'00

ASTRODIENST EPHEMERIS for the year 2083
geocentric

FEBRUARY 2083 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 45 39	12♒17'42	20♋52	22♑38	29♐57	0♑23	28♈ 1	8♓27	13♒50	8°R23	15♈32	17°R43	18♒ 5	14♑ 2	19♑44	M 1
T 2	8 49 35	13°18'35	3♌55	24° 4	1♑ 8	1° 1	28° 9	8°33	13°53	8♌22	15°33	17♒42	18° 2	14° 9	19°45	T 2
W 3	8 53 32	14°19'27	17°15	25°32	2°19	1°39	28°17	8°40	13°57	8°20	15°33	17°D42	17°59	14°16	19°45	W 3
T 4	8 57 28	15°20'19	0♍51	27° 0	3°30	2°17	28°26	8°47	14° 0	8°18	15°34	17°42	17°56	14°23	19°45	T 4
F 5	9 1 25	16°21'09	14°41	28°29	4°41	2°54	28°34	8°54	14° 4	8°17	15°35	17°42	17°53	14°29	19°46	F 5
S 6	9 5 22	17°21'58	28°41	29°59	5°52	3°32	28°43	9° 1	14° 7	8°15	15°36	17°R42	17°49	14°36	19°46	S 6
S 7	9 9 18	18°22'46	12♎49	1♒30	7° 3	4°10	28°51	9° 8	14°11	8°13	15°37	17°42	17°46	14°43	19°47	S 7
M 8	9 13 15	19°23'33	27° 1	3° 1	8°14	4°48	29° 0	9°15	14°14	8°12	15°37	17°42	17°43	14°49	19°48	M 8
T 9	9 17 11	20°24'20	11♏14	4°34	9°26	5°26	29° 9	9°22	14°18	8°10	15°38	17°42	17°40	14°56	19°48	T 9
W10	9 21 8	21°25'05	25°26	6° 7	10°37	6° 4	29°19	9°29	14°21	8° 8	15°39	17°D42	17°37	15° 3	19°49	W10
T 11	9 25 4	22°25'50	9♐35	7°41	11°48	6°42	29°28	9°36	14°25	8° 7	15°40	17°42	17°34	15°10	19°50	T 11
F 12	9 29 1	23°26'34	23°38	9°16	13° 0	7°20	29°37	9°44	14°28	8° 5	15°41	17°43	17°30	15°16	19°51	F 12
S 13	9 32 57	24°27'16	7♑33	10°51	14°11	7°58	29°47	9°51	14°32	8° 3	15°42	17°43	17°27	15°23	19°52	S 13
S 14	9 36 54	25°27'58	21°19	12°28	15°23	8°36	29°57	9°58	14°35	8° 2	15°43	17°44	17°24	15°30	19°53	S 14
M15	9 40 51	26°28'38	4♒53	14° 5	16°35	9°14	0♑ 7	10° 5	14°39	8° 0	15°44	17°44	17°21	15°37	19°54	M15
T 16	9 44 47	27°29'17	18°15	15°43	17°47	9°52	0°17	10°12	14°42	7°59	15°45	17°R45	17°18	15°43	19°55	T 16
W17	9 48 44	28°29'54	1♓22	17°22	18°58	10°30	0°27	10°20	14°46	7°57	15°46	17°44	17°14	15°50	19°56	W17
T 18	9 52 40	29°30'30	14°14	19° 2	20°10	11° 8	0°37	10°27	14°49	7°56	15°47	17°43	17°11	15°57	19°58	T 18
F 19	9 56 37	0♓31'04	26°51	20°43	21°22	11°46	0°47	10°34	14°52	7°54	15°48	17°42	17° 8	16° 3	19°59	F 19
S 20	10 0 33	1°31'37	9♈14	22°25	22°34	12°24	0°58	10°41	14°56	7°52	15°49	17°40	17° 5	16°10	20° 0	S 20
S 21	10 4 30	2°32'08	21°25	24° 7	23°46	13° 2	1° 8	10°49	14°59	7°51	15°50	17°38	17° 2	16°17	20° 2	S 21
M22	10 8 26	3°32'37	3♑25	25°51	24°58	13°41	1°19	10°56	15° 3	7°49	15°51	17°35	16°59	16°24	20° 3	M22
T 23	10 12 23	4°33'05	15°20	27°35	26°10	14°19	1°30	11° 3	15° 6	7°48	15°53	17°34	16°55	16°30	20° 5	T 23
W24	10 16 19	5°33'30	27°12	29°21	27°22	14°57	1°40	11°10	15° 9	7°46	15°54	17°33	16°52	16°37	20° 7	W24
T 25	10 20 16	6°33'54	9♊ 6	1♓ 7	28°35	15°35	1°51	11°18	15°13	7°45	15°55	17°D32	16°49	16°44	20° 8	T 25
F 26	10 24 13	7°34'16	21° 8	2°54	29°47	16°13	2° 2	11°25	15°16	7°44	15°56	17°33	16°46	16°51	20°10	F 26
S 27	10 28 9	8°34'36	3♋22	4°43	0♒59	16°52	2°14	11°32	15°19	7°42	15°57	17°34	16°43	16°57	20°12	S 27
S 28	10 32 6	9♓34'54	15♋51	6♓32	2♒11	17♑30	2♑25	11♓40	15♒23	7♌41	15♈58	17♒36	16♒39	17♑ 4	20♑14	S 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
M 1	17s 6	24n10	2n23	22s19	0s48	21s27	1n58	12n15	0n41	9n43	1s 7	9s56	1s39	17s17	0s38	18n 2	0s 8	9s31	16s56	15s31	15s24	20n56	15n 2	2s43
T 2	16 49	20 30	1 16	22 11	0 54	21 30	1 55	12 29	0 42	9 46	1 7	9 54	1 39	17 16	0 38	18 2	0 8	9 30	16 55	15 31	15 25	20 59	15 3	2 43
W 3	16 32	15 42	0 3	22 1	1 1	21 33	1 52	12 43	0 43	9 50	1 6	9 51	1 39	17 15	0 38	18 3	0 8	9 30	16 55	15 31	15 26	21 1	15 3	2 43
T 4	16 14	10 3	1s12	21 51	1 7	21 34	1 49	12 57	0 44	9 53	1 6	9 48	1 39	17 14	0 38	18 3	0 8	9 29	16 55	15 31	15 27	21 3	15 3	2 43
F 5	15 56	3 49	2 24	21 39	1 13	21 36	1 45	13 10	0 44	9 56	1 6	9 46	1 39	17 13	0 38	18 4	0 8	9 28	16 54	15 31	15 28	21 5	15 3	2 43
S 6	15 37	2s40	3 28	21 26	1 19	21 36	1 42	13 24	0 45	9 59	1 6	9 43	1 39	17 12	0 38	18 4	0 8	9 28	16 54	15 31	15 29	21 7	15 3	2 43
S 7	15 19	9 3	4 20	21 11	1 24	21 36	1 39	13 37	0 46	10 3	1 5	9 41	1 39	17 11	0 38	18 5	0 8	9 27	16 54	15 31	15 30	21 9	15 4	2 43
M 8	15 0	15 1	4 57	20 56	1 29	21 35	1 35	13 51	0 47	10 6	1 5	9 38	1 39	17 10	0 38	18 5	0 8	9 27	16 53	15 31	15 31	21 11	15 4	2 43
T 9	14 41	20 11	5 15	20 38	1 34	21 34	1 32	14 4	0 47	10 9	1 5	9 35	1 39	17 9	0 38	18 5	0 8	9 26	16 53	15 31	15 32	21 13	15 4	2 43
W10	14 21	24 12	5 14	20 20	1 39	21 32	1 28	14 18	0 48	10 13	1 5	9 33	1 39	17 8	0 38	18 6	0 8	9 25	16 53	15 31	15 33	21 15	15 5	2 43
T 11	14 2	26 44	4 54	20 0	1 43	21 30	1 25	14 31	0 49	10 16	1 5	9 30	1 39	17 7	0 38	18 6	0 8	9 25	16 52	15 31	15 34	21 17	15 5	2 42
F 12	13 42	27 33	4 17	19 39	1 47	21 27	1 21	14 44	0 49	10 20	1 4	9 27	1 39	17 6	0 38	18 7	0 8	9 24	16 52	15 31	15 35	21 19	15 5	2 42
S 13	13 22	26 37	3 25	19 17	1 51	21 23	1 18	14 57	0 50	10 24	1 4	9 24	1 39	17 5	0 38	18 7	0 8	9 24	16 52	15 31	15 36	21 21	15 5	2 42
S 14	13 2	24 4	2 21	18 53	1 54	21 19	1 14	15 10	0 51	10 27	1 4	9 22	1 39	17 4	0 38	18 8	0 8	9 23	16 52	15 31	15 37	21 23	15 6	2 42
M15	12 41	20 11	1 11	18 28	1 57	21 14	1 11	15 23	0 51	10 31	1 4	9 19	1 39	17 3	0 38	18 8	0 8	9 22	16 51	15 31	15 38	21 25	15 6	2 42
T 16	12 20	15 19	0n 3	18 1	1 59	21 9	1 7	15 35	0 52	10 35	1 3	9 16	1 39	17 2	0 38	18 8	0 8	9 22	16 51	15 31	15 39	21 27	15 7	2 42
W17	12 0	9 49	1 15	17 33	2 2	21 2	1 3	15 48	0 53	10 38	1 3	9 14	1 39	17 1	0 38	18 9	0 8	9 21	16 51	15 31	15 40	21 29	15 7	2 42
T 18	11 38	4 2	2 21	17 4	2 4	20 56	1 0	16 0	0 53	10 42	1 3	9 11	1 39	17 0	0 38	18 9	0 8	9 20	16 51	15 31	15 41	21 31	15 7	2 42
F 19	11 17	1n48	3 20	16 33	2 5	20 48	0 56	16 13	0 54	10 46	1 3	9 8	1 39	16 59	0 38	18 10	0 8	9 20	16 50	15 31	15 42	21 33	15 8	2 42
S 20	10 56	7 27	4 8	16 1	2 6	20 41	0 53	16 25	0 54	10 50	1 2	9 5	1 39	16 58	0 38	18 10	0 8	9 19	16 50	15 32	15 43	21 35	15 8	2 42
S 21	10 34	12 43	4 43	15 28	2 7	20 32	0 49	16 37	0 55	10 53	1 2	9 3	1 39	16 57	0 38	18 10	0 8	9 19	16 50	15 33	15 44	21 37	15 9	2 42
M22	10 12	17 26	5 6	14 54	2 7	20 23	0 46	16 49	0 56	10 57	1 2	9 0	1 40	16 56	0 38	18 11	0 8	9 18	16 50	15 33	15 45	21 39	15 9	2 42
T 23	9 50	21 27	5 15	14 18	2 7	20 13	0 42	17 1	0 56	11 1	1 2	8 57	1 40	16 55	0 38	18 11	0 8	9 17	16 49	15 34	15 45	21 41	15 10	2 41
W24	9 28	24 34	5 11	13 40	2 6	20 3	0 38	17 13	0 57	11 5	1 2	8 54	1 40	16 54	0 38	18 12	0 8	9 17	16 49	15 34	15 46	21 43	15 10	2 41
T 25	9 6	26 38	4 53	13 2	2 5	19 52	0 35	17 25	0 57	11 9	1 1	8 52	1 40	16 53	0 38	18 12	0 8	9 16	16 49	15 34	15 47	21 45	15 11	2 41
F 26	8 44	27 30	4 23	12 22	2 4	19 41	0 31	17 36	0 58	11 13	1 1	8 49	1 40	16 52	0 38	18 12	0 8	9 15	16 49	15 34	15 48	21 47	15 11	2 41
S 27	8 21	27 3	3 40	11 40	2 2	19 29	0 28	17 48	0 58	11 17	1 1	8 46	1 40	16 51	0 38	18 13	0 8	9 15	16 48	15 34	15 49	21 49	15 12	2 41
S 28	7s58	25n14	2n46	10s58	1s59	19s16	0n24	17n59	0n59	11n21	1s 1	8s43	1s40	16s50	0s38	18n13	0s 8	9s14	16s48	15s33	15s50	21n51	15n12	2s41

Julian Day Number = 2481891.5, Delta T = 85.92 sec
Ecliptic obliquity = 23°25'49, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°54'04, Lahiri = 25°01'04

ASTRODIENST EPHEMERIS for the year 2083
geocentric

MARCH 2083 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 36 2	10♓35'10	28♋41	8♓22	3♒24	18♉ 8	2♉36	11♓47	15♒26	7°R39	16♈ 0	17♒37	16♒36	17♉11	20♉16	M 1
T 2	10 39 59	11°35'24	11♌53	10°13	4°36	18°46	2°48	11°54	15°29	7♌38	16° 1	17°R38	16°33	17°17	20°18	T 2
W 3	10 43 55	12°35'36	25°28	12° 5	5°49	19°24	2°59	12° 2	15°32	7°37	16° 2	17°38	16°30	17°24	20°20	W 3
T 4	10 47 52	13°35'46	9♍26	13°59	7° 1	20° 3	3°11	12° 9	15°35	7°35	16° 3	17°37	16°27	17°31	20°22	T 4
F 5	10 51 48	14°35'54	23°42	15°52	8°13	20°41	3°22	12°16	15°39	7°34	16° 5	17°34	16°24	17°38	20°24	F 5
S 6	10 55 45	15°36'01	8♎12	17°47	9°26	21°19	3°34	12°24	15°42	7°33	16° 6	17°30	16°20	17°44	20°26	S 6
S 7	10 59 42	16°36'05	22°50	19°43	10°39	21°57	3°46	12°31	15°45	7°32	16° 7	17°26	16°17	17°51	20°28	S 7
M 8	11 3 38	17°36'09	7♏28	21°39	11°51	22°36	3°58	12°38	15°48	7°30	16° 8	17°22	16°14	17°58	20°31	M 8
T 9	11 7 35	18°36'10	22° 1	23°35	13° 4	23°14	4°10	12°46	15°51	7°29	16°10	17°18	16°11	18° 4	20°33	T 9
W10	11 11 31	19°36'11	6♐22	25°32	14°16	23°52	4°22	12°53	15°54	7°28	16°11	17°16	16° 8	18°11	20°36	W10
T 11	11 15 28	20°36'09	20°30	27°30	15°29	24°31	4°35	13° 0	15°57	7°27	16°12	17°D16	16° 5	18°18	20°38	T 11
F 12	11 19 24	21°36'06	4♑23	29°27	16°42	25° 9	4°47	13° 8	16° 0	7°26	16°14	17°16	16° 1	18°25	20°40	F 12
S 13	11 23 21	22°36'02	18° 1	1♈24	17°55	25°47	4°59	13°15	16° 3	7°25	16°15	17°18	15°58	18°31	20°43	S 13
S 14	11 27 17	23°35'56	1♒24	3°21	19° 7	26°25	5°12	13°22	16° 6	7°24	16°16	17°19	15°55	18°38	20°46	S 14
M15	11 31 14	24°35'48	14°33	5°16	20°20	27° 4	5°24	13°29	16° 9	7°23	16°18	17°R20	15°52	18°45	20°48	M15
T 16	11 35 11	25°35'38	27°30	7°11	21°33	27°42	5°37	13°37	16°12	7°22	16°19	17°20	15°49	18°52	20°51	T 16
W17	11 39 7	26°35'26	10♓16	9° 4	22°46	28°20	5°49	13°44	16°15	7°21	16°20	17°17	15°45	18°58	20°54	W17
T 18	11 43 4	27°35'12	22°50	10°56	23°59	28°58	6° 2	13°51	16°18	7°20	16°22	17°13	15°42	19° 5	20°57	T 18
F 19	11 47 0	28°34'57	5♈14	12°45	25°11	29°37	6°15	13°58	16°21	7°19	16°23	17° 7	15°39	19°12	20°59	F 19
S 20	11 50 57	29°34'39	17°28	14°31	26°24	0♊15	6°28	14° 6	16°23	7°18	16°24	16°59	15°36	19°18	21° 2	S 20
S 21	11 54 53	0♈34'20	29°33	16°14	27°37	0°53	6°41	14°13	16°26	7°17	16°26	16°50	15°33	19°25	21° 5	S 21
M22	11 58 50	1°33'58	11♉32	17°54	28°50	1°32	6°54	14°20	16°29	7°16	16°27	16°42	15°30	19°32	21° 8	M22
T 23	12 2 46	2°33'34	23°25	19°29	0♓ 3	2°10	7° 7	14°27	16°31	7°15	16°29	16°35	15°26	19°39	21°11	T 23
W24	12 6 43	3°33'08	5♊16	20°59	1°16	2°48	7°20	14°34	16°34	7°14	16°30	16°29	15°23	19°45	21°14	W24
T 25	12 10 40	4°32'40	17° 9	22°25	2°29	3°26	7°33	14°41	16°37	7°14	16°31	16°25	15°20	19°52	21°17	T 25
F 26	12 14 36	5°32'09	29° 8	23°45	3°42	4° 5	7°46	14°48	16°39	7°13	16°33	16°23	15°17	19°59	21°21	F 26
S 27	12 18 33	6°31'37	11♋18	25° 0	4°55	4°43	7°59	14°55	16°42	7°12	16°34	16°D23	15°14	20° 6	21°24	S 27
S 28	12 22 29	7°31'01	23°44	26° 8	6° 8	5°21	8°13	15° 2	16°44	7°11	16°36	16°24	15°11	20°12	21°27	S 28
M29	12 26 26	8°30'24	6♌31	27°10	7°21	6° 0	8°26	15° 9	16°47	7°11	16°37	16°25	15° 7	20°19	21°30	M29
T 30	12 30 22	9°29'44	19°42	28° 5	8°34	6°38	8°39	15°16	16°49	7°10	16°39	16°R25	15° 4	20°26	21°33	T 30
W31	12 34 19	10♈29'02	3♍21	28♈53	9♓47	7♊16	8♉53	15♓23	16♒52	7♌10	16♈40	16♒24	15♒ 1	20♉32	21♉37	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	7s36	22n 5	1n42	10s14	1s56	19s 3	0n21	18n10	0n59	11n25	1s 1	8s41	1s40	16s49	0s38	18n14	0s 8	9s13	16s48	15s33	15s51	21n53	15n13	2s41
T 2	7 13	17 44	0 32	9 28	1 53	18 50	0 17	18 21	1 0	11 29	1 0	8 38	1 40	16 48	0 38	18 14	0 8	9 13	16 48	15 32	15 52	21 55	15 14	2 41
W 3	6 50	12 21	0s43	8 42	1 49	18 35	0 14	18 32	1 0	11 34	1 0	8 35	1 40	16 47	0 38	18 14	0 8	9 12	16 48	15 32	15 53	21 57	15 14	2 41
T 4	6 27	6 14	1 57	7 54	1 44	18 21	0 10	18 43	1 1	11 38	1 0	8 32	1 40	16 46	0 38	18 15	0 8	9 12	16 47	15 33	15 54	21 59	15 15	2 41
F 5	6 4	0s20	3 5	7 6	1 39	18 5	0 7	18 54	1 1	11 42	1 0	8 30	1 40	16 45	0 38	18 15	0 8	9 11	16 47	15 34	15 55	22 1	15 16	2 41
S 6	5 41	6 58	4 2	6 16	1 33	17 50	0 4	19 4	1 1	11 46	1 0	8 27	1 40	16 44	0 38	18 15	0 8	9 10	16 47	15 35	15 56	22 3	15 16	2 41
S 7	5 17	13 16	4 44	5 25	1 27	17 33	0 0	19 15	1 2	11 50	1 0	8 24	1 40	16 43	0 39	18 16	0 8	9 10	16 47	15 36	15 57	22 5	15 17	2 41
M 8	4 54	18 50	5 8	4 33	1 20	17 17	0s 3	19 25	1 2	11 54	0 59	8 21	1 40	16 42	0 39	18 16	0 8	9 9	16 47	15 37	15 58	22 7	15 17	2 40
T 9	4 30	23 16	5 11	3 40	1 13	16 59	0 6	19 35	1 3	11 59	0 59	8 19	1 40	16 42	0 39	18 16	0 8	9 8	16 46	15 38	15 59	22 9	15 18	2 40
W10	4 7	26 13	4 55	2 46	1 5	16 42	0 10	19 45	1 3	12 3	0 59	8 16	1 40	16 41	0 39	18 17	0 8	9 8	16 46	15 39	16 0	22 10	15 19	2 40
T 11	3 43	27 26	4 21	1 52	0 56	16 23	0 13	19 55	1 4	12 7	0 59	8 13	1 40	16 40	0 39	18 17	0 8	9 7	16 46	15 39	16 1	22 12	15 20	2 40
F 12	3 20	26 54	3 33	0 57	0 47	16 5	0 16	20 5	1 4	12 11	0 59	8 10	1 40	16 39	0 39	18 17	0 7	9 6	16 46	15 39	16 2	22 14	15 20	2 40
S 13	2 56	24 45	2 33	0 1	0 38	15 46	0 19	20 14	1 4	12 16	0 58	8 8	1 41	16 38	0 39	18 17	0 7	9 6	16 46	15 39	16 3	22 16	15 21	2 40
S 14	2 32	21 14	1 26	0n55	0 27	15 26	0 22	20 24	1 5	12 20	0 58	8 5	1 41	16 37	0 39	18 18	0 7	9 5	16 46	15 38	16 4	22 18	15 22	2 40
M15	2 9	16 42	0 15	1 50	0 17	15 6	0 25	20 33	1 5	12 24	0 58	8 2	1 41	16 36	0 39	18 18	0 7	9 5	16 46	15 38	16 5	22 20	15 22	2 40
T 16	1 45	11 28	0n55	2 46	0 6	14 46	0 28	20 42	1 5	12 29	0 58	7 59	1 41	16 35	0 39	18 18	0 7	9 4	16 45	15 38	16 5	22 22	15 23	2 40
W17	1 21	5 51	2 1	3 41	0n 6	14 25	0 31	20 51	1 6	12 33	0 58	7 57	1 41	16 35	0 39	18 19	0 7	9 3	16 45	15 39	16 6	22 23	15 24	2 40
T 18	0 58	0 5	3 0	4 36	0 18	14 3	0 34	21 0	1 6	12 37	0 58	7 54	1 41	16 34	0 39	18 19	0 7	9 3	16 45	15 40	16 7	22 25	15 25	2 40
F 19	0 34	5n36	3 50	5 30	0 30	13 42	0 37	21 9	1 6	12 42	0 58	7 51	1 41	16 33	0 39	18 19	0 7	9 2	16 45	15 42	16 8	22 27	15 26	2 40
S 20	0 10	10 59	4 28	6 23	0 43	13 20	0 39	21 17	1 7	12 46	0 57	7 49	1 41	16 32	0 39	18 19	0 7	9 2	16 45	15 44	16 9	22 29	15 26	2 40
S 21	0n14	15 53	4 54	7 14	0 55	12 57	0 42	21 25	1 7	12 50	0 57	7 46	1 41	16 31	0 39	18 20	0 7	9 1	16 45	15 47	16 10	22 31	15 27	2 40
M22	0 37	20 8	5 6	8 4	1 8	12 35	0 45	21 34	1 7	12 55	0 57	7 43	1 41	16 31	0 39	18 20	0 7	9 0	16 45	15 50	16 11	22 33	15 28	2 40
T 23	1 1	23 33	5 5	8 52	1 20	12 11	0 47	21 42	1 8	12 59	0 57	7 41	1 41	16 30	0 39	18 20	0 7	9 0	16 45	15 52	16 12	22 34	15 29	2 40
W24	1 25	25 57	4 51	9 37	1 33	11 48	0 50	21 49	1 8	13 3	0 57	7 38	1 41	16 29	0 39	18 20	0 7	8 59	16 45	15 53	16 13	22 36	15 30	2 40
T 25	1 48	27 12	4 25	10 21	1 45	11 24	0 52	21 57	1 8	13 8	0 57	7 35	1 42	16 28	0 39	18 20	0 7	8 59	16 45	15 55	16 14	22 38	15 30	2 40
F 26	2 12	27 12	3 47	11 1	1 57	11 0	0 55	22 5	1 9	13 12	0 56	7 33	1 42	16 27	0 39	18 21	0 7	8 58	16 44	15 55	16 15	22 40	15 31	2 40
S 27	2 35	25 54	2 57	11 39	2 8	10 36	0 57	22 12	1 9	13 17	0 56	7 30	1 42	16 27	0 39	18 21	0 7	8 57	16 44	15 55	16 16	22 42	15 32	2 40
S 28	2 59	23 18	1 59	12 14	2 19	10 11	1 0	22 19	1 9	13 21	0 56	7 28	1 42	16 26	0 39	18 21	0 7	8 57	16 44	15 55	16 17	22 43	15 33	2 40
M29	3 22	19 30	0 53	12 46	2 29	9 46	1 2	22 26	1 9	13 26	0 56	7 25	1 42	16 25	0 39	18 21	0 7	8 56	16 44	15 55	16 18	22 45	15 34	2 39
T 30	3 46	14 37	0s18	13 15	2 38	9 21	1 4	22 33	1 10	13 30	0 56	7 22	1 42	16 25	0 39	18 21	0 7	8 56	16 44	15 55	16 19	22 47	15 35	2 39
W31	4n 9	8n53	1s30	13n40	2n47	8s55	1s 6	22n40	1n10	13n34	0s56	7s20	1s42	16s24	0s39	18n22	0s 7	8s55	16s44	15s55	16s20	22n49	15n36	2s39

Julian Day Number = 2481919.5, Delta T = 85.95 sec
Ecliptic obliquity = 23°25'50, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°54'08, Lahiri = 25°01'08

ASTRODIENST EPHEMERIS for the year 2083
geocentric

APRIL 2083 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 15	11♈28'18	17♍28	29♈34	11♓ 0	7♊54	9♉ 6	15♓30	16♒54	7°R 9	16♈41	16°R20	14♒58	20♉39	21♉40	T 1
F 2	12 42 12	12°27'31	2♎ 0	0♉ 8	12°13	8°32	9°20	15°37	16°56	7♌ 9	16°43	16♒15	14°55	20°46	21°44	F 2
S 3	12 46 9	13°26'43	16°52	0°35	13°26	9°11	9°33	15°43	16°59	7° 8	16°44	16° 7	14°51	20°53	21°47	S 3
S 4	12 50 5	14°25'52	1♏55	0°55	14°39	9°49	9°47	15°50	17° 1	7° 8	16°46	15°58	14°48	20°59	21°50	S 4
M 5	12 54 2	15°24'59	16°59	1° 7	15°52	10°27	10° 1	15°57	17° 3	7° 7	16°47	15°49	14°45	21° 6	21°54	M 5
T 6	12 57 58	16°24'05	1♐55	1°R12	17° 5	11° 5	10°14	16° 4	17° 5	7° 7	16°49	15°41	14°42	21°13	21°58	T 6
W 7	13 1 55	17°23'09	16°35	1°11	18°18	11°43	10°28	16°10	17° 8	7° 6	16°50	15°35	14°39	21°19	22° 1	W 7
T 8	13 5 51	18°22'11	0♑54	1° 2	19°32	12°22	10°42	16°17	17°10	7° 6	16°51	15°32	14°36	21°26	22° 5	T 8
F 9	13 9 48	19°21'12	14°50	0°48	20°45	13° 0	10°56	16°23	17°12	7° 6	16°53	15°D31	14°32	21°33	22° 8	F 9
S 10	13 13 44	20°20'11	28°24	0°27	21°58	13°38	11°10	16°30	17°14	7° 6	16°54	15°31	14°29	21°40	22°12	S 10
S 11	13 17 41	21°19'08	11♒36	0° 1	23°11	14°16	11°23	16°37	17°16	7° 5	16°56	15°R31	14°26	21°46	22°16	S 11
M12	13 21 38	22°18'03	24°31	29♈30	24°24	14°54	11°37	16°43	17°18	7° 5	16°57	15°31	14°23	21°53	22°19	M12
T 13	13 25 34	23°16'56	7♓11	28°55	25°37	15°33	11°51	16°49	17°20	7° 5	16°59	15°29	14°20	22° 0	22°23	T 13
W14	13 29 31	24°15'48	19°39	28°17	26°51	16°11	12° 5	16°56	17°21	7° 5	17° 0	15°24	14°16	22° 7	22°27	W14
T 15	13 33 27	25°14'37	1♈58	27°36	28° 4	16°49	12°19	17° 2	17°23	7° 5	17° 2	15°17	14°13	22°13	22°31	T 15
F 16	13 37 24	26°13'25	14° 8	26°53	29°17	17°27	12°33	17° 8	17°25	7° 5	17° 3	15° 6	14°10	22°20	22°35	F 16
S 17	13 41 20	27°12'11	26°12	26° 9	0♈30	18° 5	12°47	17°15	17°27	7°D 5	17° 4	14°54	14° 7	22°27	22°38	S 17
S 18	13 45 17	28°10'55	8♉11	25°25	1°43	18°43	13° 1	17°21	17°28	7° 5	17° 6	14°41	14° 4	22°33	22°42	S 18
M19	13 49 13	29° 9'37	20° 5	24°42	2°57	19°21	13°16	17°27	17°30	7° 5	17° 7	14°27	14° 1	22°40	22°46	M19
T 20	13 53 10	0♉ 8'17	1♊57	24° 0	4°10	20° 0	13°30	17°33	17°32	7° 5	17° 9	14°15	13°57	22°47	22°50	T 20
W21	13 57 6	1° 6'55	13°47	23°20	5°23	20°38	13°44	17°39	17°33	7° 5	17°10	14° 4	13°54	22°54	22°54	W21
T 22	14 1 3	2° 5'31	25°40	22°43	6°36	21°16	13°58	17°45	17°35	7° 5	17°11	13°57	13°51	23° 0	22°58	T 22
F 23	14 5 0	3° 4'05	7♋39	22° 9	7°49	21°54	14°12	17°51	17°36	7° 5	17°13	13°52	13°48	23° 7	23° 2	F 23
S 24	14 8 56	4° 2'37	19°47	21°39	9° 3	22°32	14°26	17°57	17°38	7° 5	17°14	13°49	13°45	23°14	23° 6	S 24
S 25	14 12 53	5° 1'06	2♌ 9	21°13	10°16	23°10	14°41	18° 2	17°39	7° 6	17°16	13°D49	13°42	23°20	23°10	S 25
M26	14 16 49	5°59'34	14°51	20°52	11°29	23°48	14°55	18° 8	17°40	7° 6	17°17	13°R49	13°38	23°27	23°14	M26
T 27	14 20 46	6°57'59	27°57	20°35	12°42	24°26	15° 9	18°14	17°42	7° 6	17°18	13°48	13°35	23°34	23°18	T 27
W28	14 24 42	7°56'22	11♍32	20°23	13°56	25° 4	15°23	18°20	17°43	7° 7	17°20	13°46	13°32	23°41	23°22	W28
T 29	14 28 39	8°54'43	25°35	20°16	15° 9	25°42	15°38	18°25	17°44	7° 7	17°21	13°42	13°29	23°47	23°26	T 29
F 30	14 32 35	9♉53'01	10♎ 8	20°D14	16♈22	26♊20	15♉52	18♓31	17♒45	7♌ 7	17♈22	13♒35	13♒26	23♉54	23♉30	F 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	
T 1	4n32	2n31	2s38	14n 2	2n54	8s29	1s 8	22n46	1n10	13n39	0s56	7s17	1s42	16s23	0s39	18n22	0s 7	8s54	16s44	15s56	16s20	22n50	15n37	2s39	T 1
F 2	4 55	4s 8	3 39	14 20	3 1	8 3	1 10	22 53	1 10	13 43	0 56	7 15	1 42	16 23	0 39	18 22	0 7	8 54	16 44	15 58	16 21	22 52	15 37	2 39	F 2
S 3	5 18	10 43	4 26	14 34	3 6	7 37	1 12	22 59	1 11	13 48	0 55	7 12	1 43	16 22	0 39	18 22	0 7	8 53	16 44	16 0	16 22	22 54	15 38	2 39	S 3
S 4	5 41	16 45	4 55	14 45	3 10	7 11	1 14	23 5	1 11	13 52	0 55	7 10	1 43	16 21	0 39	18 22	0 7	8 53	16 44	16 3	16 23	22 56	15 39	2 39	S 4
M 5	6 4	21 45	5 4	14 52	3 13	6 44	1 16	23 11	1 11	13 56	0 55	7 7	1 43	16 21	0 39	18 22	0 7	8 52	16 44	16 5	16 24	22 57	15 40	2 39	M 5
T 6	6 27	25 18	4 52	14 55	3 14	6 17	1 17	23 16	1 11	14 1	0 55	7 5	1 43	16 20	0 39	18 22	0 7	8 52	16 44	16 8	16 25	22 59	15 41	2 39	T 6
W 7	6 49	27 5	4 21	14 54	3 14	5 50	1 19	23 22	1 11	14 5	0 55	7 2	1 43	16 19	0 39	18 22	0 7	8 51	16 44	16 9	16 26	23 1	15 42	2 39	W 7
T 8	7 12	27 0	3 34	14 50	3 12	5 23	1 21	23 27	1 12	14 10	0 55	7 0	1 43	16 19	0 39	18 23	0 7	8 51	16 44	16 10	16 27	23 2	15 43	2 39	T 8
F 9	7 34	25 11	2 36	14 42	3 9	4 55	1 22	23 32	1 12	14 14	0 55	6 57	1 43	16 18	0 39	18 23	0 7	8 50	16 44	16 11	16 28	23 4	15 44	2 39	F 9
S 10	7 57	21 57	1 30	14 30	3 4	4 28	1 24	23 37	1 12	14 18	0 55	6 55	1 43	16 17	0 39	18 23	0 7	8 50	16 44	16 11	16 29	23 6	15 45	2 39	S 10
S 11	8 19	17 38	0 21	14 15	2 58	4 0	1 25	23 42	1 12	14 23	0 54	6 53	1 44	16 17	0 39	18 23	0 7	8 49	16 44	16 11	16 30	23 8	15 46	2 39	S 11
M12	8 41	12 36	0n48	13 57	2 50	3 32	1 26	23 47	1 12	14 27	0 54	6 50	1 44	16 16	0 40	18 23	0 7	8 49	16 44	16 11	16 31	23 9	15 47	2 39	M12
T 13	9 3	7 8	1 52	13 35	2 41	3 4	1 27	23 51	1 13	14 32	0 54	6 48	1 44	16 16	0 40	18 23	0 7	8 48	16 44	16 11	16 32	23 11	15 48	2 39	T 13
W14	9 24	1 29	2 51	13 12	2 30	2 36	1 28	23 55	1 13	14 36	0 54	6 45	1 44	16 15	0 40	18 23	0 7	8 48	16 44	16 13	16 32	23 13	15 48	2 39	W14
T 15	9 46	4n 9	3 40	12 46	2 18	2 8	1 30	23 59	1 13	14 40	0 54	6 43	1 44	16 15	0 40	18 23	0 7	8 47	16 44	16 15	16 33	23 14	15 49	2 39	T 15
F 16	10 7	9 32	4 18	12 18	2 5	1 40	1 31	24 3	1 13	14 45	0 54	6 41	1 44	16 14	0 40	18 23	0 7	8 47	16 44	16 18	16 34	23 16	15 50	2 39	F 16
S 17	10 28	14 32	4 45	11 48	1 50	1 12	1 31	24 7	1 13	14 49	0 54	6 38	1 45	16 14	0 40	18 23	0 7	8 46	16 44	16 22	16 35	23 18	15 51	2 39	S 17
S 18	10 49	18 56	4 59	11 18	1 35	0 44	1 32	24 10	1 13	14 53	0 54	6 36	1 45	16 13	0 40	18 23	0 7	8 46	16 44	16 25	16 36	23 19	15 52	2 39	S 18
M19	11 10	22 33	4 59	10 47	1 19	0 15	1 33	24 14	1 14	14 58	0 54	6 34	1 45	16 13	0 40	18 23	0 7	8 45	16 44	16 29	16 37	23 21	15 53	2 39	M19
T 20	11 31	25 13	4 46	10 17	1 3	0n13	1 34	24 17	1 14	15 2	0 54	6 32	1 45	16 12	0 40	18 23	0 7	8 45	16 45	16 33	16 38	23 22	15 54	2 39	T 20
W21	11 51	26 46	4 22	9 46	0 46	0 42	1 34	24 20	1 14	15 6	0 53	6 30	1 45	16 12	0 40	18 23	0 7	8 44	16 45	16 36	16 39	23 24	15 55	2 39	W21
T 22	12 12	27 7	3 45	9 17	0 29	1 10	1 35	24 22	1 14	15 11	0 53	6 27	1 45	16 12	0 40	18 23	0 7	8 44	16 45	16 38	16 40	23 26	15 56	2 39	T 22
F 23	12 32	26 11	2 59	8 49	0 12	1 39	1 35	24 25	1 14	15 15	0 53	6 25	1 45	16 11	0 40	18 23	0 7	8 43	16 45	16 40	16 41	23 27	15 57	2 39	F 23
S 24	12 52	24 0	2 3	8 22	0s 5	2 7	1 36	24 27	1 14	15 19	0 53	6 23	1 46	16 11	0 40	18 23	0 7	8 43	16 45	16 40	16 42	23 29	15 58	2 39	S 24
S 25	13 11	20 40	1 1	7 57	0 21	2 35	1 36	24 29	1 14	15 23	0 53	6 21	1 46	16 10	0 40	18 23	0 7	8 43	16 45	16 40	16 43	23 30	15 59	2 39	S 25
M26	13 31	16 17	0s 6	7 34	0 37	3 4	1 36	24 31	1 14	15 28	0 53	6 19	1 46	16 10	0 40	18 23	0 7	8 42	16 45	16 40	16 43	23 32	16 0	2 39	M26
T 27	13 50	11 1	1 14	7 14	0 53	3 32	1 36	24 33	1 15	15 32	0 53	6 17	1 46	16 10	0 40	18 23	0 7	8 42	16 45	16 41	16 44	23 34	16 1	2 40	T 27
W28	14 9	5 4	2 21	6 55	1 7	4 0	1 37	24 35	1 15	15 36	0 53	6 15	1 46	16 9	0 40	18 23	0 7	8 41	16 45	16 41	16 45	23 35	16 2	2 40	W28
T 29	14 28	1s20	3 21	6 40	1 21	4 29	1 37	24 36	1 15	15 40	0 53	6 13	1 47	16 9	0 40	18 23	0 7	8 41	16 45	16 43	16 46	23 37	16 3	2 40	T 29
F 30	14n46	7s52	4s11	6n26	1s35	4n57	1s37	24n38	1n15	15n44	0s53	6s11	1s47	16s 9	0s40	18n23	0s 7	8s41	16s46	16s45	16s47	23n38	16n 4	2s40	F 30

Julian Day Number = 2481950.5, Delta T = 85.98 sec
Ecliptic obliquity = 23°25'50, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°54'12, Lahiri = 25°01'13

ASTRODIENST EPHEMERIS for the year 2083
geocentric

MAY 2083

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 32	10♉51'18	25♎ 6	20♈17	17♈35	26♊58	16♉ 6	18♓36	17♒46	7♌ 8	17♈24	13°R25	13♒22	24♉ 1	23♉34	S 1
S 2	14 40 29	11°49'33	10♏19	20°25	18°48	27°36	16°20	18°41	17°47	7° 8	17°25	13♒14	13°19	24° 7	23°38	S 2
M 3	14 44 25	12°47'47	25°39	20°37	20° 2	28°14	16°35	18°47	17°48	7° 9	17°26	13° 3	13°16	24°14	23°42	M 3
T 4	14 48 22	13°45'59	10♐52	20°54	21°15	28°52	16°49	18°52	17°49	7° 9	17°28	12°54	13°13	24°21	23°46	T 4
W 5	14 52 18	14°44'09	25°50	21°16	22°28	29°30	17° 3	18°57	17°50	7°10	17°29	12°46	13°10	24°28	23°51	W 5
T 6	14 56 15	15°42'17	10♑23	21°42	23°41	0♋ 8	17°17	19° 2	17°51	7°10	17°30	12°41	13° 7	24°34	23°55	T 6
F 7	15 0 11	16°40'25	24°30	22°12	24°55	0°46	17°32	19° 7	17°52	7°11	17°32	12°39	13° 3	24°41	23°59	F 7
S 8	15 4 8	17°38'30	8♒ 9	22°46	26° 8	1°24	17°46	19°12	17°52	7°12	17°33	12°38	13° 0	24°48	24° 3	S 8
S 9	15 8 5	18°36'35	21°22	23°24	27°21	2° 2	18° 0	19°17	17°53	7°12	17°34	12°38	12°57	24°55	24° 7	S 9
M10	15 12 1	19°34'38	4♓14	24° 6	28°34	2°40	18°15	19°22	17°54	7°13	17°35	12°37	12°54	25° 1	24°11	M10
T 11	15 15 58	20°32'39	16°47	24°52	29°48	3°18	18°29	19°27	17°54	7°14	17°37	12°35	12°51	25° 8	24°16	T 11
W12	15 19 54	21°30'40	29° 6	25°41	1♉ 1	3°56	18°43	19°32	17°55	7°15	17°38	12°30	12°48	25°15	24°20	W12
T 13	15 23 51	22°28'38	11♈14	26°34	2°14	4°34	18°57	19°36	17°55	7°16	17°39	12°23	12°44	25°21	24°24	T 13
F 14	15 27 47	23°26'36	23°16	27°29	3°27	5°12	19°12	19°41	17°56	7°16	17°40	12°13	12°41	25°28	24°28	F 14
S 15	15 31 44	24°24'32	5♉12	28°28	4°41	5°50	19°26	19°45	17°56	7°17	17°42	12° 0	12°38	25°35	24°32	S 15
S 16	15 35 40	25°22'27	17° 5	29°30	5°54	6°28	19°40	19°50	17°56	7°18	17°43	11°47	12°35	25°42	24°36	S 16
M17	15 39 37	26°20'20	28°57	0♉35	7° 7	7° 6	19°54	19°54	17°57	7°19	17°44	11°33	12°32	25°48	24°41	M17
T 18	15 43 34	27°18'12	10♊49	1°43	8°21	7°44	20° 9	19°58	17°57	7°20	17°45	11°21	12°28	25°55	24°45	T 18
W19	15 47 30	28°16'02	22°42	2°53	9°34	8°21	20°23	20° 2	17°57	7°21	17°46	11°10	12°25	26° 2	24°49	W19
T 20	15 51 27	29°13'51	4♋38	4° 6	10°47	8°59	20°37	20° 6	17°57	7°22	17°47	11° 2	12°22	26° 8	24°53	T 20
F 21	15 55 23	0♊11'39	16°41	5°22	12° 1	9°37	20°51	20°10	17°57	7°23	17°49	10°57	12°19	26°15	24°57	F 21
S 22	15 59 20	1° 9'24	28°52	6°40	13°14	10°15	21° 5	20°14	17°R58	7°24	17°50	10°55	12°16	26°22	25° 2	S 22
S 23	16 3 16	2° 7'08	11♌16	8° 1	14°27	10°53	21°19	20°18	17°58	7°25	17°51	10°D54	12°13	26°29	25° 6	S 23
M24	16 7 13	3° 4'51	23°57	9°24	15°40	11°31	21°34	20°22	17°57	7°27	17°52	10°54	12° 9	26°35	25°10	M24
T 25	16 11 9	4° 2'32	7♍ 0	10°50	16°54	12° 9	21°48	20°26	17°57	7°28	17°53	10°R54	12° 6	26°42	25°14	T 25
W26	16 15 6	5° 0'11	20°28	12°19	18° 7	12°47	22° 2	20°29	17°57	7°29	17°54	10°53	12° 3	26°49	25°18	W26
T 27	16 19 3	5°57'49	4♎23	13°49	19°20	13°24	22°16	20°33	17°57	7°30	17°55	10°50	12° 0	26°56	25°22	T 27
F 28	16 22 59	6°55'25	18°46	15°22	20°34	14° 2	22°30	20°36	17°57	7°31	17°56	10°45	11°57	27° 2	25°26	F 28
S 29	16 26 56	7°53'00	3♏35	16°58	21°47	14°40	22°44	20°39	17°56	7°33	17°57	10°38	11°54	27° 9	25°31	S 29
S 30	16 30 52	8°50'33	18°43	18°36	23° 0	15°18	22°58	20°43	17°56	7°34	17°58	10°29	11°50	27°16	25°35	S 30
M31	16 34 49	9♊48'06	4♐ 0	20♉16	24♉14	15♋56	23♉12	20♓46	17♒56	7♌35	17♈59	10♒20	11♒47	27♉22	25♉39	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	15n 5	14s 8	4s45	6n16	1s47	5n25	1s36	24n39	1n15	15n49	0s53	6s 9	1s47	16s 8	0s40	18n22	0s 7	8s40	16s46	16s47	16s48	23n40	16n 5	2s40
S 2	15 23	19 39	5 0	6 8	1 59	5 53	1 36	24 39	1 15	15 53	0 53	6 7	1 47	16 8	0 40	18 22	0 7	8 40	16 46	16 50	16 49	23 41	16 6	2 40
M 3	15 40	23 54	4 53	6 2	2 10	6 21	1 36	24 40	1 15	15 57	0 52	6 5	1 47	16 8	0 40	18 22	0 7	8 40	16 46	16 53	16 50	23 43	16 7	2 40
T 4	15 58	26 27	4 25	5 59	2 20	6 48	1 36	24 41	1 15	16 1	0 52	6 3	1 47	16 8	0 40	18 22	0 7	8 39	16 46	16 56	16 51	23 44	16 8	2 40
W 5	16 15	27 2	3 40	5 59	2 29	7 16	1 35	24 41	1 15	16 5	0 52	6 1	1 48	16 7	0 40	18 22	0 7	8 39	16 46	16 58	16 52	23 46	16 9	2 40
T 6	16 32	25 42	2 41	6 1	2 38	7 43	1 35	24 41	1 15	16 9	0 52	5 59	1 48	16 7	0 40	18 22	0 7	8 39	16 46	17 0	16 53	23 48	16 10	2 40
F 7	16 49	22 45	1 34	6 5	2 45	8 11	1 34	24 41	1 15	16 13	0 52	5 58	1 48	16 7	0 40	18 22	0 7	8 38	16 47	17 0	16 53	23 49	16 11	2 40
S 8	17 5	18 36	0 24	6 12	2 52	8 38	1 34	24 41	1 15	16 17	0 52	5 56	1 48	16 7	0 40	18 22	0 7	8 38	16 47	17 1	16 54	23 51	16 12	2 40
S 9	17 21	13 39	0n46	6 20	2 57	9 5	1 33	24 40	1 15	16 21	0 52	5 54	1 48	16 7	0 41	18 21	0 7	8 38	16 47	17 1	16 55	23 52	16 12	2 40
M10	17 37	8 14	1 51	6 31	3 2	9 31	1 32	24 40	1 15	16 25	0 52	5 52	1 49	16 6	0 41	18 21	0 7	8 37	16 47	17 1	16 56	23 54	16 13	2 40
T 11	17 53	2 37	2 50	6 44	3 6	9 58	1 32	24 39	1 16	16 29	0 52	5 51	1 49	16 6	0 41	18 21	0 7	8 37	16 47	17 1	16 57	23 55	16 14	2 40
W12	18 8	2n59	3 39	6 58	3 10	10 24	1 31	24 38	1 16	16 33	0 52	5 49	1 49	16 6	0 41	18 21	0 7	8 37	16 47	17 3	16 58	23 56	16 15	2 40
T 13	18 23	8 24	4 18	7 15	3 12	10 50	1 30	24 37	1 16	16 37	0 52	5 47	1 49	16 6	0 41	18 21	0 7	8 37	16 48	17 5	16 59	23 58	16 16	2 40
F 14	18 38	13 26	4 44	7 33	3 14	11 16	1 29	24 35	1 16	16 41	0 52	5 46	1 49	16 6	0 41	18 20	0 7	8 36	16 48	17 8	17 0	23 59	16 17	2 40
S 15	18 52	17 56	4 58	7 53	3 15	11 42	1 28	24 34	1 16	16 45	0 52	5 44	1 50	16 6	0 41	18 20	0 7	8 36	16 48	17 11	17 1	24 1	16 18	2 41
S 16	19 6	21 42	4 59	8 14	3 16	12 7	1 27	24 32	1 16	16 49	0 52	5 43	1 50	16 6	0 41	18 20	0 7	8 36	16 48	17 15	17 1	24 2	16 19	2 41
M17	19 20	24 35	4 47	8 37	3 16	12 32	1 26	24 30	1 16	16 53	0 52	5 41	1 50	16 6	0 41	18 20	0 7	8 36	16 49	17 19	17 2	24 4	16 20	2 41
T 18	19 33	26 23	4 22	9 1	3 15	12 57	1 24	24 28	1 16	16 57	0 52	5 40	1 50	16 6	0 41	18 20	0 6	8 35	16 49	17 22	17 3	24 5	16 21	2 41
W19	19 46	26 59	3 46	9 27	3 13	13 22	1 23	24 26	1 16	17 0	0 52	5 38	1 51	16 6	0 41	18 19	0 6	8 35	16 49	17 25	17 4	24 7	16 22	2 41
T 20	19 59	26 20	3 0	9 53	3 11	13 46	1 22	24 23	1 16	17 4	0 52	5 37	1 51	16 6	0 41	18 19	0 6	8 35	16 49	17 27	17 5	24 8	16 23	2 41
F 21	20 11	24 27	2 5	10 21	3 8	14 10	1 20	24 20	1 16	17 8	0 51	5 36	1 51	16 6	0 41	18 19	0 6	8 35	16 49	17 29	17 6	24 9	16 24	2 41
S 22	20 23	21 25	1 4	10 50	3 4	14 33	1 19	24 18	1 16	17 12	0 51	5 34	1 51	16 6	0 41	18 19	0 6	8 34	16 50	17 29	17 7	24 11	16 24	2 41
S 23	20 35	17 21	0s 2	11 20	3 0	14 56	1 17	24 15	1 16	17 15	0 51	5 33	1 51	16 6	0 41	18 18	0 6	8 34	16 50	17 29	17 8	24 12	16 25	2 41
M24	20 46	12 27	1 9	11 51	2 55	15 19	1 16	24 11	1 16	17 19	0 51	5 32	1 52	16 6	0 41	18 18	0 6	8 34	16 50	17 29	17 9	24 14	16 26	2 41
T 25	20 57	6 52	2 14	12 22	2 50	15 41	1 14	24 8	1 16	17 23	0 51	5 30	1 52	16 6	0 41	18 18	0 6	8 34	16 50	17 29	17 9	24 15	16 27	2 41
W26	21 7	0 48	3 14	12 55	2 44	16 3	1 13	24 4	1 16	17 27	0 51	5 29	1 52	16 6	0 41	18 17	0 6	8 34	16 51	17 30	17 10	24 16	16 28	2 42
T 27	21 18	5s29	4 5	13 28	2 38	16 25	1 11	24 1	1 16	17 30	0 51	5 28	1 52	16 6	0 41	18 17	0 6	8 34	16 51	17 30	17 11	24 18	16 29	2 42
F 28	21 27	11 42	4 42	14 2	2 31	16 46	1 9	23 57	1 16	17 34	0 51	5 27	1 53	16 6	0 41	18 17	0 6	8 34	16 51	17 32	17 12	24 19	16 30	2 42
S 29	21 37	17 25	5 1	14 36	2 24	17 7	1 7	23 53	1 16	17 37	0 51	5 26	1 53	16 6	0 41	18 16	0 6	8 33	16 51	17 34	17 13	24 21	16 31	2 42
S 30	21 46	22 12	5 1	15 10	2 16	17 28	1 6	23 48	1 16	17 41	0 51	5 25	1 53	16 6	0 41	18 16	0 6	8 33	16 52	17 36	17 14	24 22	16 31	2 42
M31	21n55	25s30	4s38	15n45	2s 8	17n47	1s 4	23n44	1n16	17n44	0s51	5s24	1s53	16s 6	0s41	18n16	0s 6	8s33	16s52	17s39	17s15	24n23	16n32	2s42

Julian Day Number = 2481980.5, Delta T = 86.01 sec
Ecliptic obliquity = 23°25'49, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°54'16, Lahiri = 25°01'17

ASTRODIENST EPHEMERIS for the year 2083
geocentric

JUNE 2083 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 45	10♊45'37	19♐15	21♉59	25♉27	16♋34	23♉26	20♓49	17°R55	7♑37	18♈ 0	10°R12	11♒44	27♉29	25♉43	T 1
W 2	16 42 42	11°43'07	4♑19	23°44	26°40	17°11	23°40	20°52	17♒55	7°38	18° 1	10♒ 6	11°41	27°36	25°47	W 2
T 3	16 46 38	12°40'37	19° 1	25°31	27°54	17°49	23°53	20°55	17°54	7°40	18° 2	10° 2	11°38	27°43	25°51	T 3
F 4	16 50 35	13°38'05	3♒18	27°21	29° 7	18°27	24° 7	20°58	17°54	7°41	18° 3	10° 0	11°34	27°49	25°55	F 4
S 5	16 54 32	14°35'33	17° 5	29°13	0♊20	19° 5	24°21	21° 0	17°53	7°42	18° 4	10°D 0	11°31	27°56	25°59	S 5
S 6	16 58 28	15°33'00	0♓25	1♊ 7	1°34	19°43	24°35	21° 3	17°52	7°44	18° 4	10° 1	11°28	28° 3	26° 3	S 6
M 7	17 2 25	16°30'26	13°20	3° 3	2°47	20°20	24°49	21° 5	17°52	7°45	18° 5	10°R 2	11°25	28° 9	26° 7	M 7
T 8	17 6 21	17°27'51	25°54	5° 2	4° 0	20°58	25° 2	21° 8	17°51	7°47	18° 6	10° 2	11°22	28°16	26°11	T 8
W 9	17 10 18	18°25'16	8♈11	7° 3	5°14	21°36	25°16	21°10	17°50	7°49	18° 7	9°59	11°19	28°23	26°15	W 9
T 10	17 14 14	19°22'40	20°17	9° 5	6°27	22°14	25°30	21°12	17°49	7°50	18° 8	9°55	11°15	28°30	26°19	T 10
F 11	17 18 11	20°20'04	2♉14	11°10	7°41	22°51	25°43	21°15	17°48	7°52	18° 9	9°49	11°12	28°36	26°23	F 11
S 12	17 22 7	21°17'27	14° 7	13°16	8°54	23°29	25°57	21°17	17°47	7°53	18° 9	9°41	11° 9	28°43	26°27	S 12
S 13	17 26 4	22°14'50	25°58	15°24	10° 7	24° 7	26°10	21°19	17°46	7°55	18°10	9°33	11° 6	28°50	26°31	S 13
M14	17 30 1	23°12'12	7♊50	17°33	11°21	24°45	26°24	21°20	17°45	7°57	18°11	9°24	11° 3	28°56	26°35	M14
T 15	17 33 57	24° 9'33	19°44	19°43	12°34	25°22	26°37	21°22	17°44	7°58	18°12	9°16	11° 0	29° 3	26°39	T 15
W16	17 37 54	25° 6'54	1♋43	21°55	13°48	26° 0	26°50	21°24	17°43	8° 0	18°12	9° 9	10°56	29°10	26°42	W16
T 17	17 41 50	26° 4'14	13°48	24° 6	15° 1	26°38	27° 4	21°25	17°42	8° 2	18°13	9° 4	10°53	29°17	26°46	T 17
F 18	17 45 47	27° 1'33	26° 0	26°18	16°15	27°16	27°17	21°27	17°41	8° 4	18°14	9° 1	10°50	29°23	26°50	F 18
S 19	17 49 43	27°58'52	8♌21	28°30	17°28	27°54	27°30	21°28	17°40	8° 5	18°14	9°D 0	10°47	29°30	26°54	S 19
S 20	17 53 40	28°56'09	20°55	0♋42	18°42	28°31	27°43	21°30	17°38	8° 7	18°15	9° 1	10°44	29°37	26°57	S 20
M21	17 57 36	29°53'26	3♍43	2°53	19°55	29° 9	27°57	21°31	17°37	8° 9	18°15	9° 2	10°40	29°43	27° 1	M21
T 22	18 1 33	0♋50'43	16°50	5° 3	21° 8	29°47	28°10	21°32	17°36	8°11	18°16	9° 4	10°37	29°50	27° 5	T 22
W23	18 5 30	1°47'58	0♎16	7°12	22°22	0♌25	28°23	21°33	17°34	8°13	18°17	9°R 4	10°34	29°57	27° 8	W23
T 24	18 9 26	2°45'13	14° 5	9°20	23°35	1° 2	28°36	21°34	17°33	8°15	18°17	9° 4	10°31	0♊ 4	27°12	T 24
F 25	18 13 23	3°42'27	28°17	11°27	24°49	1°40	28°48	21°35	17°31	8°16	18°18	9° 2	10°28	0°10	27°16	F 25
S 26	18 17 19	4°39'41	12♏50	13°32	26° 3	2°18	29° 1	21°35	17°30	8°18	18°18	8°58	10°25	0°17	27°19	S 26
S 27	18 21 16	5°36'53	27°40	15°36	27°16	2°56	29°14	21°36	17°28	8°20	18°18	8°54	10°21	0°24	27°23	S 27
M28	18 25 12	6°34'06	12♐40	17°38	28°30	3°33	29°27	21°36	17°27	8°22	18°19	8°50	10°18	0°30	27°26	M28
T 29	18 29 9	7°31'18	27°41	19°37	29°43	4°11	29°39	21°37	17°25	8°24	18°19	8°45	10°15	0°37	27°30	T 29
W30	18 33 6	8♋28'30	12♑36	21♋35	0♋57	4♌49	29♉52	21♓37	17♒23	8♌26	18♈20	8♒42	10♒12	0♊44	27♉33	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	22n 3	26s56	3s57	16n20	1s59	18n 7	1s 2	23n39	1n16	17n48	0s51	5s23	1s54	16s 7	0s41	18n16	0s 6	8s33	16s52	17s41	17s16	24n25	16n33	2s42
W 2	22 11	26 20	2 59	16 55	1 50	18 26	1 0	23 34	1 16	17 51	0 51	5 22	1 54	16 7	0 41	18 15	0 6	8 33	16 53	17 42	17 17	24 26	16 34	2 42
T 3	22 18	23 54	1 50	17 30	1 40	18 45	0 58	23 30	1 16	17 55	0 51	5 21	1 54	16 7	0 41	18 15	0 6	8 33	16 53	17 43	17 17	24 27	16 35	2 42
F 4	22 26	20 0	0 36	18 5	1 31	19 3	0 56	23 24	1 15	17 58	0 51	5 20	1 54	16 7	0 42	18 14	0 6	8 33	16 53	17 44	17 18	24 29	16 36	2 43
S 5	22 32	15 6	0n38	18 40	1 20	19 20	0 54	23 19	1 15	18 2	0 51	5 19	1 55	16 7	0 42	18 14	0 6	8 33	16 53	17 44	17 19	24 30	16 36	2 43
S 6	22 39	9 39	1 47	19 14	1 10	19 37	0 52	23 14	1 15	18 5	0 51	5 18	1 55	16 8	0 42	18 14	0 6	8 33	16 54	17 44	17 20	24 31	16 37	2 43
M 7	22 45	3 57	2 49	19 47	0 59	19 54	0 50	23 8	1 15	18 8	0 51	5 18	1 55	16 8	0 42	18 13	0 6	8 33	16 54	17 44	17 21	24 33	16 38	2 43
T 8	22 50	1n45	3 41	20 20	0 49	20 10	0 47	23 2	1 15	18 12	0 51	5 17	1 55	16 8	0 42	18 13	0 6	8 33	16 54	17 44	17 22	24 34	16 39	2 43
W 9	22 56	7 15	4 21	20 51	0 38	20 25	0 45	22 56	1 15	18 15	0 51	5 16	1 56	16 9	0 42	18 13	0 6	8 33	16 55	17 44	17 23	24 35	16 40	2 43
T 10	23 0	12 23	4 49	21 22	0 27	20 40	0 43	22 50	1 15	18 18	0 51	5 15	1 56	16 9	0 42	18 12	0 6	8 33	16 55	17 45	17 24	24 36	16 40	2 43
F 11	23 5	17 0	5 4	21 51	0 16	20 55	0 41	22 44	1 15	18 21	0 51	5 15	1 56	16 9	0 42	18 12	0 6	8 33	16 55	17 47	17 24	24 38	16 41	2 44
S 12	23 9	20 56	5 6	22 18	0 5	21 8	0 39	22 37	1 15	18 25	0 51	5 14	1 56	16 9	0 42	18 11	0 6	8 33	16 56	17 49	17 25	24 39	16 42	2 44
S 13	23 12	24 0	4 54	22 44	0n 6	21 22	0 36	22 31	1 15	18 28	0 51	5 14	1 57	16 10	0 42	18 11	0 6	8 33	16 56	17 51	17 26	24 40	16 43	2 44
M14	23 15	26 3	4 30	23 7	0 17	21 34	0 34	22 24	1 15	18 31	0 51	5 13	1 57	16 10	0 42	18 11	0 6	8 33	16 56	17 54	17 27	24 41	16 43	2 44
T 15	23 18	26 56	3 54	23 29	0 27	21 46	0 32	22 17	1 15	18 34	0 51	5 13	1 57	16 10	0 42	18 10	0 6	8 33	16 57	17 56	17 28	24 43	16 44	2 44
W16	23 20	26 33	3 8	23 48	0 37	21 58	0 29	22 10	1 15	18 37	0 51	5 12	1 57	16 11	0 42	18 10	0 6	8 33	16 57	17 58	17 29	24 44	16 45	2 44
T 17	23 22	24 54	2 12	24 4	0 47	22 9	0 27	22 3	1 15	18 40	0 51	5 12	1 58	16 11	0 42	18 9	0 6	8 33	16 57	17 59	17 30	24 45	16 46	2 44
F 18	23 24	22 5	1 10	24 18	0 56	22 19	0 25	21 55	1 15	18 43	0 51	5 12	1 58	16 12	0 42	18 9	0 6	8 33	16 58	18 0	17 31	24 46	16 46	2 45
S 19	23 25	18 14	0 4	24 30	1 4	22 28	0 22	21 48	1 15	18 46	0 51	5 11	1 58	16 12	0 42	18 8	0 6	8 33	16 58	18 0	17 31	24 48	16 47	2 45
S 20	23 26	13 30	1s 4	24 38	1 12	22 37	0 20	21 40	1 14	18 49	0 51	5 11	1 58	16 12	0 42	18 8	0 6	8 33	16 58	18 0	17 32	24 49	16 48	2 45
M21	23 26	8 7	2 10	24 44	1 20	22 45	0 17	21 32	1 14	18 52	0 51	5 11	1 59	16 13	0 42	18 7	0 6	8 33	16 59	17 59	17 33	24 50	16 48	2 45
T 22	23 26	2 16	3 11	24 46	1 26	22 53	0 15	21 24	1 14	18 55	0 51	5 11	1 59	16 13	0 42	18 7	0 6	8 33	16 59	17 59	17 34	24 51	16 49	2 45
W23	23 25	3s49	4 3	24 46	1 33	23 0	0 13	21 16	1 14	18 58	0 51	5 10	1 59	16 14	0 42	18 7	0 6	8 33	16 59	17 59	17 35	24 52	16 50	2 45
T 24	23 24	9 53	4 42	24 44	1 38	23 6	0 10	21 7	1 14	19 1	0 51	5 10	1 59	16 14	0 42	18 6	0 6	8 34	17 0	17 59	17 36	24 54	16 50	2 46
F 25	23 23	15 37	5 6	24 38	1 42	23 12	0 8	20 59	1 14	19 3	0 51	5 10	2 0	16 15	0 42	18 6	0 6	8 34	17 0	18 0	17 37	24 55	16 51	2 46
S 26	23 21	20 37	5 11	24 30	1 46	23 17	0 5	20 50	1 14	19 6	0 51	5 10	2 0	16 15	0 42	18 5	0 6	8 34	17 0	18 0	17 37	24 56	16 51	2 46
S 27	23 19	24 25	4 55	24 20	1 49	23 21	0 3	20 42	1 14	19 9	0 51	5 10	2 0	16 16	0 42	18 5	0 6	8 34	17 1	18 2	17 38	24 57	16 52	2 46
M28	23 16	26 35	4 19	24 7	1 52	23 25	0 1	20 33	1 14	19 12	0 51	5 10	2 0	16 16	0 42	18 4	0 6	8 34	17 1	18 3	17 39	24 58	16 53	2 46
T 29	23 13	26 50	3 25	23 52	1 53	23 28	0n 2	20 24	1 14	19 14	0 51	5 10	2 1	16 17	0 42	18 4	0 6	8 34	17 1	18 4	17 40	24 59	16 53	2 47
W30	23n10	25s 7	2s18	23n35	1n54	23n30	0n 4	20n14	1n13	19n17	0s51	5s10	2s 1	16s17	0s42	18n 3	0s 6	8s35	17s 2	18s 5	17s41	25n 0	16n54	2s47

Julian Day Number = 2482011.5, Delta T = 86.05 sec
Ecliptic obliquity = 23°25'48, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°54'21, Lahiri = 25°01'21

ASTRODIENST EPHEMERIS for the year 2083
geocentric

JULY 2083 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 2	9♋25'42	27♉14	23♋31	2♋10	5♌27	0♊ 4	21♓37	17°R22	8♌28	18♈20	8°R41	10♒ 9	0♊51	27♉37	T 1
F 2	18 40 59	10°22'53	11♒31	25°25	3°24	6° 4	0°17	21°R37	17♒20	8°30	18°21	8°D40	10° 6	0°57	27°40	F 2
S 3	18 44 55	11°20'05	25°22	27°17	4°37	6°42	0°29	21°37	17°18	8°32	18°21	8♒41	10° 2	1° 4	27°43	S 3
S 4	18 48 52	12°17'16	8♓47	29° 7	5°51	7°20	0°42	21°37	17°16	8°34	18°21	8°42	9°59	1°11	27°46	S 4
M 5	18 52 48	13°14'28	21°47	0♌55	7° 5	7°57	0°54	21°37	17°15	8°36	18°22	8°44	9°56	1°17	27°50	M 5
T 6	18 56 45	14°11'40	4♈25	2°40	8°18	8°35	1° 6	21°37	17°13	8°38	18°22	8°45	9°53	1°24	27°53	T 6
W 7	19 0 41	15° 8'52	16°45	4°24	9°32	9°13	1°18	21°36	17°11	8°40	18°22	8°R45	9°50	1°31	27°56	W 7
T 8	19 4 38	16° 6'04	28°52	6° 6	10°46	9°51	1°30	21°36	17° 9	8°42	18°22	8°45	9°46	1°38	27°59	T 8
F 9	19 8 35	17° 3'17	10♉49	7°45	11°59	10°28	1°42	21°35	17° 7	8°45	18°22	8°43	9°43	1°44	28° 2	F 9
S 10	19 12 31	18° 0'30	22°42	9°22	13°13	11° 6	1°54	21°34	17° 5	8°47	18°23	8°41	9°40	1°51	28° 5	S 10
S 11	19 16 28	18°57'44	4♊33	10°58	14°27	11°44	2° 6	21°33	17° 3	8°49	18°23	8°38	9°37	1°58	28° 8	S 11
M12	19 20 24	19°54'58	16°27	12°31	15°40	12°22	2°18	21°33	17° 1	8°51	18°23	8°35	9°34	2° 4	28°11	M12
T 13	19 24 21	20°52'12	28°26	14° 2	16°54	13° 0	2°29	21°32	16°59	8°53	18°23	8°32	9°31	2°11	28°14	T 13
W14	19 28 17	21°49'27	10♋33	15°31	18° 8	13°37	2°41	21°30	16°57	8°55	18°23	8°30	9°27	2°18	28°17	W14
T 15	19 32 14	22°46'41	22°49	16°57	19°22	14°15	2°52	21°29	16°55	8°57	18°23	8°28	9°24	2°25	28°20	T 15
F 16	19 36 10	23°43'56	5♌15	18°22	20°36	14°53	3° 4	21°28	16°53	8°59	18°23	8°D28	9°21	2°31	28°23	F 16
S 17	19 40 7	24°41'12	17°54	19°44	21°49	15°31	3°15	21°27	16°50	9° 2	18°23	8°28	9°18	2°38	28°26	S 17
S 18	19 44 4	25°38'27	0♍45	21° 5	23° 3	16° 8	3°26	21°25	16°48	9° 4	18°R23	8°29	9°15	2°45	28°28	S 18
M19	19 48 0	26°35'43	13°50	22°23	24°17	16°46	3°37	21°24	16°46	9° 6	18°23	8°30	9°12	2°51	28°31	M19
T 20	19 51 57	27°32'59	27°10	23°38	25°31	17°24	3°48	21°22	16°44	9° 8	18°23	8°31	9° 8	2°58	28°34	T 20
W21	19 55 53	28°30'15	10♎45	24°51	26°45	18° 2	3°59	21°20	16°42	9°10	18°23	8°31	9° 5	3° 5	28°36	W21
T 22	19 59 50	29°27'31	24°35	26° 2	27°59	18°40	4°10	21°18	16°39	9°12	18°23	8°R32	9° 2	3°12	28°39	T 22
F 23	20 3 46	0♌24'47	8♏40	27°10	29°12	19°18	4°21	21°16	16°37	9°15	18°23	8°32	8°59	3°18	28°41	F 23
S 24	20 7 43	1°22'04	22°59	28°16	0♌26	19°55	4°31	21°14	16°35	9°17	18°23	8°31	8°56	3°25	28°44	S 24
S 25	20 11 39	2°19'21	7♐29	29°18	1°40	20°33	4°42	21°12	16°33	9°19	18°23	8°31	8°52	3°32	28°46	S 25
M26	20 15 36	3°16'39	22° 5	0♍18	2°54	21°11	4°52	21°10	16°30	9°21	18°23	8°30	8°49	3°38	28°49	M26
T 27	20 19 33	4°13'56	6♑41	1°16	4° 8	21°49	5° 3	21° 8	16°28	9°24	18°23	8°30	8°46	3°45	28°51	T 27
W28	20 23 29	5°11'15	21°13	2°10	5°22	22°27	5°13	21° 5	16°26	9°26	18°22	8°29	8°43	3°52	28°53	W28
T 29	20 27 26	6° 8'34	5♒34	3° 1	6°36	23° 5	5°23	21° 3	16°23	9°28	18°22	8°D29	8°40	3°59	28°55	T 29
F 30	20 31 22	7° 5'53	19°39	3°48	7°50	23°42	5°33	21° 0	16°21	9°30	18°22	8°29	8°37	4° 5	28°57	F 30
S 31	20 35 19	8♌ 3'14	3♓24	4♍32	9♌ 4	24♌20	5♊43	20♓57	16♒19	9♌32	18♈22	8°R29	8♒33	4♊12	29♉ 0	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	23n 6	21s43	1s 2	23n16	1n54	23n31	0n 7	20n 5	1n13	19n20	0s51	5s11	2s 1	16s18	0s42	18n 3	0s 6	8s35	17s 2	18s 5	17s42	25n 2	16n54	2s47
F 2	23 1	17 4	0n16	22 55	1 54	23 32	0 9	19 56	1 13	19 22	0 51	5 11	2 1	16 18	0 42	18 2	0 6	8 35	17 2	18 5	17 43	25 3	16 55	2 47
S 3	22 57	11 39	1 30	22 32	1 53	23 32	0 11	19 46	1 13	19 25	0 51	5 11	2 2	16 19	0 42	18 2	0 6	8 35	17 3	18 5	17 43	25 4	16 56	2 47
S 4	22 52	5 50	2 38	22 8	1 51	23 32	0 14	19 36	1 13	19 27	0 51	5 11	2 2	16 20	0 42	18 1	0 6	8 35	17 3	18 5	17 44	25 5	16 56	2 48
M 5	22 46	0n 2	3 35	21 43	1 48	23 31	0 16	19 27	1 13	19 30	0 51	5 12	2 2	16 20	0 42	18 1	0 6	8 36	17 3	18 4	17 45	25 6	16 57	2 48
T 6	22 40	5 44	4 20	21 16	1 45	23 29	0 18	19 17	1 13	19 32	0 51	5 12	2 2	16 21	0 43	18 0	0 6	8 36	17 4	18 4	17 46	25 7	16 57	2 48
W 7	22 34	11 4	4 52	20 48	1 41	23 26	0 21	19 7	1 13	19 35	0 51	5 12	2 3	16 21	0 43	18 0	0 6	8 36	17 4	18 4	17 47	25 8	16 58	2 48
T 8	22 28	15 53	5 10	20 19	1 37	23 23	0 23	18 56	1 12	19 37	0 51	5 13	2 3	16 22	0 43	17 59	0 6	8 36	17 5	18 4	17 48	25 9	16 58	2 48
F 9	22 21	20 2	5 14	19 49	1 32	23 19	0 25	18 46	1 12	19 40	0 51	5 13	2 3	16 23	0 43	17 58	0 6	8 37	17 5	18 4	17 49	25 10	16 59	2 49
S 10	22 13	23 21	5 5	19 18	1 27	23 14	0 28	18 35	1 12	19 42	0 51	5 14	2 3	16 23	0 43	17 58	0 6	8 37	17 5	18 5	17 49	25 11	16 59	2 49
S 11	22 5	25 41	4 43	18 46	1 21	23 9	0 30	18 25	1 12	19 44	0 51	5 14	2 4	16 24	0 43	17 57	0 6	8 37	17 6	18 6	17 50	25 12	17 0	2 49
M12	21 57	26 52	4 9	18 14	1 14	23 2	0 32	18 14	1 12	19 46	0 51	5 15	2 4	16 24	0 43	17 57	0 6	8 37	17 6	18 7	17 51	25 14	17 0	2 49
T 13	21 49	26 48	3 23	17 41	1 8	22 56	0 34	18 3	1 12	19 49	0 51	5 16	2 4	16 25	0 43	17 56	0 6	8 38	17 6	18 7	17 52	25 15	17 0	2 49
W14	21 40	25 28	2 28	17 8	1 0	22 48	0 36	17 52	1 12	19 51	0 51	5 16	2 4	16 26	0 43	17 56	0 6	8 38	17 7	18 8	17 53	25 16	17 1	2 50
T 15	21 30	22 54	1 25	16 35	0 52	22 40	0 39	17 41	1 11	19 53	0 51	5 17	2 5	16 26	0 43	17 55	0 6	8 38	17 7	18 8	17 54	25 17	17 1	2 50
F 16	21 21	19 14	0 18	16 1	0 44	22 31	0 41	17 30	1 11	19 55	0 51	5 18	2 5	16 27	0 43	17 55	0 6	8 39	17 7	18 8	17 54	25 18	17 2	2 50
S 17	21 11	14 38	0s52	15 27	0 35	22 22	0 43	17 19	1 11	19 57	0 51	5 19	2 5	16 28	0 43	17 54	0 6	8 39	17 8	18 8	17 55	25 19	17 2	2 50
S 18	21 0	9 20	2 0	14 53	0 26	22 12	0 45	17 7	1 11	20 0	0 51	5 19	2 5	16 28	0 43	17 54	0 6	8 39	17 8	18 8	17 56	25 20	17 2	2 51
M19	20 50	3 32	3 3	14 19	0 17	22 1	0 47	16 56	1 11	20 2	0 51	5 20	2 6	16 29	0 43	17 53	0 6	8 40	17 9	18 8	17 57	25 21	17 3	2 51
T 20	20 39	2s31	3 58	13 45	0 7	21 50	0 49	16 44	1 11	20 4	0 51	5 21	2 6	16 30	0 43	17 52	0 6	8 40	17 9	18 8	17 58	25 22	17 3	2 51
W21	20 27	8 33	4 40	13 11	0s 3	21 38	0 51	16 32	1 10	20 6	0 52	5 22	2 6	16 30	0 43	17 52	0 6	8 40	17 9	18 8	17 59	25 23	17 3	2 51
T 22	20 15	14 17	5 7	12 37	0 14	21 25	0 53	16 20	1 10	20 8	0 52	5 23	2 6	16 31	0 43	17 51	0 6	8 41	17 10	18 7	17 59	25 24	17 4	2 51
F 23	20 3	19 23	5 17	12 4	0 24	21 12	0 54	16 8	1 10	20 9	0 52	5 24	2 7	16 32	0 43	17 51	0 6	8 41	17 10	18 7	18 0	25 25	17 4	2 52
S 24	19 51	23 27	5 7	11 31	0 36	20 58	0 56	15 56	1 10	20 11	0 52	5 25	2 7	16 33	0 43	17 50	0 6	8 41	17 10	18 8	18 1	25 26	17 4	2 52
S 25	19 38	26 6	4 37	10 59	0 47	20 43	0 58	15 44	1 10	20 13	0 52	5 26	2 7	16 33	0 43	17 50	0 6	8 42	17 11	18 8	18 2	25 27	17 5	2 52
M26	19 25	27 1	3 50	10 27	0 58	20 28	1 0	15 32	1 10	20 15	0 52	5 27	2 7	16 34	0 43	17 49	0 6	8 42	17 11	18 8	18 3	25 27	17 5	2 52
T 27	19 12	26 3	2 47	9 56	1 10	20 13	1 1	15 19	1 9	20 17	0 52	5 28	2 8	16 35	0 43	17 48	0 6	8 42	17 11	18 8	18 4	25 28	17 5	2 53
W28	18 58	23 18	1 34	9 25	1 22	19 56	1 3	15 7	1 9	20 19	0 52	5 29	2 8	16 35	0 43	17 48	0 6	8 43	17 12	18 8	18 4	25 29	17 5	2 53
T 29	18 44	19 8	0 16	8 56	1 34	19 39	1 5	14 54	1 9	20 20	0 52	5 31	2 8	16 36	0 43	17 47	0 6	8 43	17 12	18 8	18 5	25 30	17 6	2 53
F 30	18 29	13 57	1n 2	8 27	1 47	19 22	1 6	14 42	1 9	20 22	0 52	5 32	2 8	16 37	0 43	17 47	0 6	8 44	17 12	18 8	18 6	25 31	17 6	2 53
S 31	18n15	8s10	2n14	8n 0	1s59	19n 4	1n 8	14n29	1n 9	20n24	0s52	5s33	2s 8	16s37	0s43	17n46	0s 6	8s44	17s13	18s 8	18s 7	25n32	17n 6	2s54

Julian Day Number = 2482041.5, Delta T = 86.08 sec
Ecliptic obliquity = 23°25'48, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°54'25, Lahiri = 25°01'25

ASTRODIENST EPHEMERIS for the year 2083
geocentric

AUGUST 2083 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 15	9♌ 0'35	16♓48	5♍13	10♌18	24♌58	5♊53	20°R55	16°R16	9♌35	18°R21	8°R29	8♒30	4♊19	29♉ 2	S 1
M 2	20 43 12	9°57'57	29°49	5°50	11°32	25°36	6° 2	20♓52	16♒14	9°37	18♈21	8♒29	8°27	4°25	29° 4	M 2
T 3	20 47 8	10°55'20	12♈29	6°22	12°46	26°14	6°12	20°49	16°11	9°39	18°21	8°29	8°24	4°32	29° 5	T 3
W 4	20 51 5	11°52'44	24°52	6°51	14° 0	26°52	6°21	20°46	16° 9	9°41	18°21	8°29	8°21	4°39	29° 7	W 4
T 5	20 55 2	12°50'10	7♉ 1	7°15	15°14	27°30	6°31	20°43	16° 7	9°44	18°20	8°28	8°18	4°46	29° 9	T 5
F 6	20 58 58	13°47'37	18°59	7°35	16°28	28° 8	6°40	20°40	16° 4	9°46	18°20	8°D28	8°14	4°52	29°11	F 6
S 7	21 2 55	14°45'05	0♊52	7°50	17°42	28°46	6°49	20°37	16° 2	9°48	18°19	8°29	8°11	4°59	29°13	S 7
S 8	21 6 51	15°42'34	12°45	8° 0	18°56	29°24	6°58	20°33	16° 0	9°50	18°19	8°29	8° 8	5° 6	29°14	S 8
M 9	21 10 48	16°40'04	24°41	8°R 5	20°10	0♍ 2	7° 7	20°30	15°57	9°52	18°19	8°30	8° 5	5°12	29°16	M 9
T 10	21 14 44	17°37'36	6♋44	8° 5	21°24	0°39	7°15	20°27	15°55	9°55	18°18	8°31	8° 2	5°19	29°17	T 10
W11	21 18 41	18°35'09	18°58	8° 0	22°38	1°17	7°24	20°23	15°52	9°57	18°18	8°32	7°58	5°26	29°19	W11
T 12	21 22 37	19°32'43	1♌26	7°49	23°52	1°55	7°32	20°20	15°50	9°59	18°17	8°32	7°55	5°32	29°20	T 12
F 13	21 26 34	20°30'19	14° 9	7°33	25° 6	2°33	7°41	20°16	15°48	10° 1	18°17	8°R32	7°52	5°39	29°22	F 13
S 14	21 30 31	21°27'55	27° 7	7°11	26°21	3°11	7°49	20°12	15°45	10° 3	18°16	8°32	7°49	5°46	29°23	S 14
S 15	21 34 27	22°25'33	10♍22	6°44	27°35	3°49	7°57	20° 9	15°43	10° 6	18°15	8°30	7°46	5°53	29°24	S 15
M16	21 38 24	23°23'12	23°51	6°12	28°49	4°28	8° 5	20° 5	15°40	10° 8	18°15	8°29	7°43	5°59	29°26	M16
T 17	21 42 20	24°20'51	7♎33	5°35	0♍ 3	5° 6	8°12	20° 1	15°38	10°10	18°14	8°27	7°39	6° 6	29°27	T 17
W18	21 46 17	25°18'32	21°27	4°54	1°17	5°44	8°20	19°57	15°36	10°12	18°14	8°25	7°36	6°13	29°28	W18
T 19	21 50 13	26°16'14	5♏29	4° 9	2°31	6°22	8°28	19°53	15°33	10°14	18°13	8°23	7°33	6°19	29°29	T 19
F 20	21 54 10	27°13'57	19°37	3°20	3°46	7° 0	8°35	19°49	15°31	10°16	18°12	8°22	7°30	6°26	29°30	F 20
S 21	21 58 6	28°11'41	3♐50	2°30	5° 0	7°38	8°42	19°45	15°29	10°19	18°12	8°D22	7°27	6°33	29°31	S 21
S 22	22 2 3	29° 9'26	18° 4	1°38	6°14	8°16	8°49	19°41	15°26	10°21	18°11	8°23	7°24	6°40	29°31	S 22
M23	22 6 0	0♍ 7'13	2♑18	0°45	7°28	8°54	8°56	19°37	15°24	10°23	18°10	8°24	7°20	6°46	29°32	M23
T 24	22 9 56	1° 5'00	16°28	29♌53	8°43	9°32	9° 3	19°32	15°22	10°25	18°10	8°25	7°17	6°53	29°33	T 24
W25	22 13 53	2° 2'49	0♒33	29° 2	9°57	10°10	9° 9	19°28	15°20	10°27	18° 9	8°26	7°14	7° 0	29°34	W25
T 26	22 17 49	3° 0'39	14°28	28°14	11°11	10°49	9°16	19°24	15°17	10°29	18° 8	8°R26	7°11	7° 6	29°34	T 26
F 27	22 21 46	3°58'30	28°12	27°30	12°25	11°27	9°22	19°20	15°15	10°31	18° 7	8°25	7° 8	7°13	29°35	F 27
S 28	22 25 42	4°56'22	11♓41	26°51	13°39	12° 5	9°28	19°15	15°13	10°33	18° 7	8°23	7° 4	7°20	29°35	S 28
S 29	22 29 39	5°54'16	24°53	26°17	14°54	12°43	9°34	19°11	15°11	10°35	18° 6	8°19	7° 1	7°26	29°36	S 29
M30	22 33 35	6°52'12	7♈48	25°49	16° 8	13°21	9°40	19° 6	15° 9	10°37	18° 5	8°15	6°58	7°33	29°36	M30
T 31	22 37 32	7♍50'09	20♈26	25♌29	17♍22	14♍ 0	9♊45	19♓ 2	15♒ 6	10♌39	18♈ 4	8♒10	6♒55	7♊40	29♉36	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	18n 0	2s11	3n17	7n33	2s11	18n46	1n 9	14n16	1n 8	20n25	0s52	5s34	2s 9	16s38	0s43	17n45	0s 6	8s45	17s13	18s 8	18s 8	25n33	17n 6	2s54
M 2	17 45	3n43	4 8	7 8	2 24	18 27	1 10	14 3	1 8	20 27	0 52	5 36	2 9	16 39	0 43	17 45	0 6	8 45	17 13	18 8	18 9	25 34	17 6	2 54
T 3	17 29	9 18	4 45	6 45	2 36	18 7	1 12	13 50	1 8	20 29	0 52	5 37	2 9	16 40	0 43	17 44	0 6	8 45	17 14	18 8	18 9	25 35	17 7	2 54
W 4	17 13	14 24	5 8	6 23	2 49	17 47	1 13	13 37	1 8	20 30	0 52	5 38	2 9	16 40	0 43	17 44	0 6	8 46	17 14	18 8	18 10	25 36	17 7	2 55
T 5	16 57	18 50	5 17	6 3	3 1	17 27	1 14	13 24	1 8	20 32	0 52	5 40	2 9	16 41	0 43	17 43	0 6	8 46	17 14	18 8	18 11	25 37	17 7	2 55
F 6	16 41	22 27	5 12	5 44	3 13	17 6	1 15	13 10	1 7	20 33	0 52	5 41	2 10	16 42	0 43	17 43	0 5	8 47	17 15	18 8	18 12	25 37	17 7	2 55
S 7	16 24	25 6	4 53	5 28	3 25	16 44	1 16	12 57	1 7	20 35	0 52	5 43	2 10	16 43	0 43	17 42	0 5	8 47	17 15	18 8	18 13	25 38	17 7	2 55
S 8	16 7	26 39	4 22	5 13	3 36	16 22	1 17	12 44	1 7	20 36	0 52	5 44	2 10	16 43	0 43	17 41	0 5	8 48	17 15	18 8	18 14	25 39	17 7	2 56
M 9	15 50	26 59	3 40	5 1	3 47	16 0	1 18	12 30	1 7	20 38	0 53	5 45	2 10	16 44	0 43	17 41	0 5	8 48	17 16	18 8	18 14	25 40	17 7	2 56
T 10	15 33	26 2	2 47	4 52	3 57	15 37	1 19	12 16	1 7	20 39	0 53	5 47	2 10	16 45	0 43	17 40	0 5	8 49	17 16	18 8	18 15	25 41	17 7	2 56
W11	15 15	23 50	1 46	4 44	4 7	15 14	1 20	12 3	1 6	20 40	0 53	5 49	2 11	16 45	0 43	17 40	0 5	8 49	17 16	18 7	18 16	25 42	17 7	2 57
T 12	14 57	20 28	0 39	4 40	4 16	14 50	1 21	11 49	1 6	20 42	0 53	5 50	2 11	16 46	0 43	17 39	0 5	8 49	17 17	18 7	18 17	25 42	17 7	2 57
F 13	14 39	16 5	0s31	4 39	4 24	14 26	1 22	11 35	1 6	20 43	0 53	5 52	2 11	16 47	0 43	17 38	0 5	8 50	17 17	18 7	18 18	25 43	17 7	2 57
S 14	14 21	10 53	1 41	4 40	4 31	14 1	1 22	11 21	1 6	20 44	0 53	5 53	2 11	16 48	0 43	17 38	0 5	8 50	17 17	18 7	18 18	25 44	17 7	2 57
S 15	14 2	5 6	2 47	4 44	4 37	13 36	1 23	11 7	1 5	20 45	0 53	5 55	2 11	16 48	0 43	17 37	0 5	8 51	17 18	18 8	18 19	25 45	17 7	2 58
M16	13 43	1s 0	3 45	4 52	4 42	13 11	1 24	10 53	1 5	20 46	0 53	5 57	2 11	16 49	0 43	17 37	0 5	8 51	17 18	18 8	18 20	25 46	17 7	2 58
T 17	13 24	7 8	4 31	5 2	4 45	12 46	1 24	10 39	1 5	20 48	0 53	5 58	2 12	16 50	0 43	17 36	0 5	8 52	17 18	18 9	18 21	25 46	17 7	2 58
W18	13 5	13 1	5 2	5 16	4 46	12 20	1 24	10 25	1 5	20 49	0 53	6 0	2 12	16 50	0 43	17 36	0 5	8 52	17 19	18 9	18 22	25 47	17 7	2 58
T 19	12 45	18 17	5 15	5 32	4 46	11 53	1 25	10 10	1 4	20 50	0 53	6 2	2 12	16 51	0 43	17 35	0 5	8 53	17 19	18 10	18 23	25 48	17 7	2 59
F 20	12 26	22 35	5 9	5 51	4 44	11 27	1 25	9 56	1 4	20 51	0 53	6 3	2 12	16 52	0 43	17 34	0 5	8 53	17 19	18 10	18 23	25 49	17 7	2 59
S 21	12 6	25 34	4 45	6 13	4 40	11 0	1 25	9 42	1 4	20 52	0 53	6 5	2 12	16 52	0 43	17 34	0 5	8 54	17 19	18 10	18 24	25 50	17 7	2 59
S 22	11 46	26 55	4 3	6 37	4 34	10 33	1 26	9 27	1 4	20 53	0 53	6 7	2 12	16 53	0 43	17 33	0 5	8 54	17 20	18 10	18 25	25 50	17 7	3 0
M23	11 26	26 31	3 6	7 3	4 27	10 5	1 26	9 13	1 3	20 54	0 53	6 9	2 13	16 54	0 43	17 33	0 5	8 55	17 20	18 9	18 26	25 51	17 7	3 0
T 24	11 5	24 22	1 58	7 30	4 17	9 38	1 26	8 58	1 3	20 55	0 54	6 10	2 13	16 54	0 43	17 32	0 5	8 55	17 20	18 9	18 27	25 52	17 7	3 0
W25	10 45	20 44	0 43	7 58	4 6	9 10	1 26	8 43	1 3	20 56	0 54	6 12	2 13	16 55	0 43	17 32	0 5	8 56	17 21	18 9	18 27	25 52	17 7	3 0
T 26	10 24	15 57	0n33	8 26	3 53	8 41	1 26	8 29	1 3	20 57	0 54	6 14	2 13	16 56	0 43	17 31	0 5	8 57	17 21	18 9	18 28	25 53	17 7	3 1
F 27	10 3	10 26	1 46	8 55	3 38	8 13	1 25	8 14	1 2	20 58	0 54	6 16	2 13	16 56	0 43	17 31	0 5	8 57	17 21	18 9	18 29	25 54	17 6	3 1
S 28	9 42	4 31	2 52	9 23	3 23	7 44	1 25	7 59	1 2	20 58	0 54	6 18	2 13	16 57	0 43	17 30	0 5	8 58	17 21	18 10	18 30	25 55	17 6	3 1
S 29	9 21	1n27	3 47	9 50	3 6	7 15	1 25	7 44	1 2	20 59	0 54	6 19	2 13	16 58	0 43	17 29	0 5	8 58	17 22	18 11	18 31	25 55	17 6	3 1
M30	8 59	7 13	4 30	10 16	2 48	6 46	1 25	7 29	1 2	21 0	0 54	6 21	2 13	16 58	0 43	17 29	0 5	8 59	17 22	18 12	18 31	25 56	17 6	3 2
T 31	8n38	12n34	4n57	10n40	2s30	6n17	1n24	7n14	1n 1	21n 1	0s54	6s23	2s13	16s59	0s43	17n28	0s 5	8s59	17s22	18s13	18s32	25n57	17n 6	3s 2

Julian Day Number = 2482072.5, Delta T = 86.11 sec
Ecliptic obliquity = 23°25'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°54'29, Lahiri = 25°01'29

ASTRODIENST EPHEMERIS for the year 2083
geocentric

SEPTEMBER 2083 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 41 29	8♍48'09	2♉48	25°R16	18♍37	14♍38	9♊51	18°R57	15°R 4	10♌41	18°R 3	8°R 5	6♒52	7♊47	29♉36	W 1
T 2	22 45 25	9°46'10	14°56	25°D11	19°51	15°16	9°56	18♓53	15♒ 2	10°43	18♈ 2	8♒ 2	6°49	7°53	29°37	T 2
F 3	22 49 22	10°44'13	26°55	25♌15	21° 5	15°54	10° 1	18°48	15° 0	10°45	18° 2	7°59	6°45	8° 0	29°37	F 3
S 4	22 53 18	11°42'18	8♊47	25°27	22°19	16°33	10° 6	18°44	14°58	10°47	18° 1	7°D58	6°42	8° 7	29°R37	S 4
S 5	22 57 15	12°40'25	20°39	25°48	23°34	17°11	10°11	18°39	14°56	10°49	18° 0	7°59	6°39	8°13	29°37	S 5
M 6	23 1 11	13°38'33	2♋35	26°17	24°48	17°49	10°16	18°35	14°54	10°51	17°59	8° 0	6°36	8°20	29°37	M 6
T 7	23 5 8	14°36'44	14°40	26°55	26° 2	18°28	10°20	18°30	14°52	10°53	17°58	8° 1	6°33	8°27	29°36	T 7
W 8	23 9 4	15°34'57	26°58	27°40	27°17	19° 6	10°24	18°26	14°50	10°55	17°57	8° 3	6°29	8°34	29°36	W 8
T 9	23 13 1	16°33'12	9♌34	28°34	28°31	19°44	10°28	18°21	14°48	10°57	17°56	8°R 3	6°26	8°40	29°36	T 9
F 10	23 16 58	17°31'28	22°29	29°34	29°45	20°23	10°32	18°16	14°46	10°59	17°55	8° 2	6°23	8°47	29°36	F 10
S 11	23 20 54	18°29'47	5♍46	0♍42	1♎ 0	21° 1	10°36	18°12	14°44	11° 1	17°54	8° 0	6°20	8°54	29°35	S 11
S 12	23 24 51	19°28'07	19°24	1°56	2°14	21°40	10°39	18° 7	14°42	11° 3	17°53	7°55	6°17	9° 0	29°35	S 12
M13	23 28 47	20°26'29	3♎20	3°16	3°28	22°18	10°43	18° 3	14°41	11° 4	17°52	7°49	6°14	9° 7	29°34	M13
T 14	23 32 44	21°24'53	17°30	4°42	4°43	22°57	10°46	17°58	14°39	11° 6	17°51	7°42	6°10	9°14	29°34	T 14
W15	23 36 40	22°23'18	1♏50	6°12	5°57	23°35	10°49	17°53	14°37	11° 8	17°50	7°35	6° 7	9°20	29°33	W15
T 16	23 40 37	23°21'46	16°14	7°46	7°11	24°14	10°52	17°49	14°35	11°10	17°49	7°29	6° 4	9°27	29°32	T 16
F 17	23 44 33	24°20'15	0♐36	9°24	8°26	24°52	10°54	17°44	14°34	11°12	17°48	7°25	6° 1	9°34	29°31	F 17
S 18	23 48 30	25°18'45	14°53	11° 5	9°40	25°31	10°57	17°40	14°32	11°13	17°47	7°23	5°58	9°40	29°31	S 18
S 19	23 52 27	26°17'17	29° 3	12°49	10°54	26° 9	10°59	17°35	14°30	11°15	17°46	7°D22	5°55	9°47	29°30	S 19
M20	23 56 23	27°15'51	13♑ 3	14°35	12° 9	26°48	11° 1	17°31	14°29	11°17	17°45	7°23	5°51	9°54	29°29	M20
T 21	0 0 20	28°14'27	26°53	16°22	13°23	27°26	11° 3	17°26	14°27	11°18	17°44	7°24	5°48	10° 1	29°28	T 21
W22	0 4 16	29°13'04	10♒33	18°11	14°37	28° 5	11° 4	17°22	14°26	11°20	17°43	7°R24	5°45	10° 7	29°27	W22
T 23	0 8 13	0♎11'42	24° 3	20° 0	15°52	28°44	11° 6	17°17	14°24	11°22	17°42	7°23	5°42	10°14	29°26	T 23
F 24	0 12 9	1°10'23	7♓22	21°51	17° 6	29°22	11° 7	17°13	14°23	11°23	17°41	7°20	5°39	10°21	29°24	F 24
S 25	0 16 6	2° 9'05	20°29	23°41	18°20	0♎ 1	11° 8	17° 9	14°22	11°25	17°39	7°13	5°35	10°27	29°23	S 25
S 26	0 20 2	3° 7'49	3♈25	25°32	19°35	0°40	11° 9	17° 4	14°20	11°26	17°38	7° 5	5°32	10°34	29°22	S 26
M27	0 23 59	4° 6'35	16° 7	27°22	20°49	1°18	11° 9	17° 0	14°19	11°28	17°37	6°55	5°29	10°41	29°20	M27
T 28	0 27 55	5° 5'23	28°36	29°13	22° 3	1°57	11°10	16°56	14°18	11°29	17°36	6°44	5°26	10°47	29°19	T 28
W29	0 31 52	6° 4'13	10♉52	1♎ 3	23°18	2°36	11°10	16°51	14°17	11°31	17°35	6°34	5°23	10°54	29°17	W29
T 30	0 35 49	7♎ 3'06	22♉57	2♎52	24♎32	3♎15	11°R10	16♓47	14♒15	11♌32	17♈34	6♒25	5♒20	11♊ 1	29♉16	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	8n16	17n18	5n11	11n 2	2s11	5n47	1n24	6n59	1n 1	21n 2	0s54	6s25	2s14	17s 0	0s43	17n28	0s 5	9s 0	17s22	18s14	18s33	25n57	17n 5	3s 2	
T 2	7 54	21 15	5 10	11 21	1 53	5 18	1 23	6 44	1 1	21 2	0 54	6 27	2 14	17 0	0 43	17 27	0 5	9 0	17 23	18 15	18 34	25 58	17 5	3 3	
F 3	7 32	24 15	4 55	11 38	1 34	4 48	1 22	6 29	1 1	21 3	0 54	6 29	2 14	17 1	0 43	17 27	0 5	9 1	17 23	18 16	18 35	25 59	17 5	3 3	
S 4	7 10	26 11	4 28	11 51	1 15	4 18	1 22	6 14	1 0	21 4	0 54	6 31	2 14	17 1	0 43	17 26	0 5	9 1	17 23	18 16	18 35	25 59	17 5	3 3	
S 5	6 48	26 55	3 50	12 1	0 57	3 48	1 21	5 59	1 0	21 4	0 55	6 32	2 14	17 2	0 43	17 26	0 5	9 2	17 23	18 16	18 36	26 0	17 4	3 3	
M 6	6 26	26 25	3 1	12 8	0 40	3 18	1 20	5 44	1 0	21 5	0 55	6 34	2 14	17 3	0 43	17 25	0 5	9 2	17 23	18 16	18 37	26 1	17 4	3 4	
T 7	6 3	24 41	2 4	12 11	0 23	2 47	1 19	5 29	1 0	21 5	0 55	6 36	2 14	17 3	0 43	17 25	0 5	9 3	17 24	18 15	18 38	26 1	17 4	3 4	
W 8	5 41	21 44	1 0	12 11	0 6	2 17	1 18	5 13	0 59	21 6	0 55	6 38	2 14	17 4	0 43	17 24	0 5	9 3	17 24	18 15	18 39	26 2	17 3	3 4	
T 9	5 18	17 43	0s 8	12 6	0n 9	1 46	1 17	4 58	0 59	21 6	0 55	6 40	2 14	17 4	0 43	17 24	0 5	9 4	17 24	18 15	18 39	26 2	17 3	3 5	
F 10	4 56	12 47	1 18	11 59	0 23	1 16	1 16	4 43	0 59	21 7	0 55	6 42	2 14	17 5	0 43	17 23	0 5	9 4	17 24	18 15	18 40	26 3	17 3	3 5	
S 11	4 33	7 9	2 25	11 47	0 36	0 45	1 15	4 27	0 58	21 7	0 55	6 44	2 14	17 5	0 43	17 23	0 5	9 5	17 24	18 16	18 41	26 4	17 2	3 5	
S 12	4 10	1 3	3 25	11 32	0 48	0 15	1 14	4 12	0 58	21 8	0 55	6 45	2 14	17 6	0 43	17 22	0 5	9 6	17 25	18 17	18 42	26 4	17 2	3 5	
M13	3 47	5s13	4 14	11 14	0 59	0s16	1 13	3 56	0 58	21 8	0 55	6 47	2 14	17 6	0 43	17 22	0 5	9 6	17 25	18 19	18 43	26 5	17 2	3 6	
T 14	3 24	11 19	4 49	10 52	1 9	0 47	1 12	3 41	0 58	21 8	0 55	6 49	2 14	17 7	0 43	17 21	0 5	9 7	17 25	18 20	18 43	26 5	17 1	3 6	
W15	3 1	16 54	5 6	10 27	1 18	1 17	1 10	3 25	0 57	21 9	0 55	6 51	2 15	17 7	0 43	17 21	0 5	9 7	17 25	18 22	18 44	26 6	17 1	3 6	
T 16	2 38	21 32	5 4	9 59	1 26	1 48	1 9	3 10	0 57	21 9	0 55	6 53	2 15	17 8	0 43	17 20	0 5	9 8	17 25	18 24	18 45	26 7	17 0	3 7	
F 17	2 15	24 53	4 43	9 28	1 32	2 19	1 7	2 54	0 57	21 9	0 55	6 55	2 15	17 8	0 43	17 20	0 5	9 8	17 25	18 25	18 46	26 7	17 0	3 7	
S 18	1 52	26 38	4 5	8 55	1 38	2 49	1 6	2 39	0 56	21 10	0 56	6 56	2 15	17 9	0 43	17 19	0 5	9 9	17 26	18 25	18 46	26 8	17 0	3 7	
S 19	1 28	26 37	3 12	8 19	1 42	3 20	1 4	2 23	0 56	21 10	0 56	6 58	2 15	17 9	0 43	17 19	0 5	9 9	17 26	18 25	18 47	26 8	16 59	3 7	
M20	1 5	24 54	2 7	7 42	1 46	3 50	1 3	2 7	0 56	21 10	0 56	7 0	2 15	17 10	0 43	17 18	0 5	9 10	17 26	18 25	18 48	26 9	16 59	3 8	
T 21	0 42	21 42	0 56	7 2	1 48	4 21	1 1	1 52	0 55	21 10	0 56	7 2	2 15	17 10	0 43	17 18	0 5	9 10	17 26	18 25	18 49	26 9	16 58	3 8	
W22	0 19	17 19	0n17	6 21	1 50	4 51	0 59	1 36	0 55	21 10	0 56	7 3	2 15	17 10	0 43	17 17	0 5	9 11	17 26	18 25	18 50	26 10	16 58	3 8	
T 23	0s 5	12 7	1 28	5 39	1 51	5 21	0 57	1 21	0 55	21 10	0 56	7 5	2 15	17 11	0 43	17 17	0 5	9 11	17 26	18 25	18 50	26 10	16 57	3 8	
F 24	0 28	6 26	2 33	4 56	1 51	5 52	0 55	1 5	0 54	21 10	0 56	7 7	2 15	17 11	0 43	17 17	0 5	9 12	17 26	18 26	18 51	26 11	16 57	3 9	
S 25	0 51	0 33	3 30	4 11	1 50	6 22	0 54	0 49	0 54	21 11	0 56	7 9	2 15	17 12	0 42	17 16	0 5	9 12	17 26	18 28	18 52	26 11	16 56	3 9	
S 26	1 15	5n14	4 14	3 26	1 49	6 52	0 52	0 34	0 54	21 11	0 56	7 10	2 15	17 12	0 42	17 16	0 5	9 13	17 27	18 30	18 53	26 12	16 56	3 9	
M27	1 38	10 42	4 44	2 41	1 47	7 21	0 50	0 18	0 53	21 11	0 56	7 12	2 15	17 12	0 42	17 15	0 5	9 13	17 27	18 32	18 53	26 12	16 55	3 9	
T 28	2 1	15 39	5 1	1 54	1 44	7 51	0 48	0 2	0 53	21 11	0 56	7 14	2 15	17 13	0 42	17 15	0 5	9 14	17 27	18 35	18 54	26 13	16 54	3 10	
W29	2 25	19 52	5 3	1 8	1 41	8 20	0 46	0s14	0 53	21 11	0 56	7 15	2 15	17 13	0 42	17 15	0 5	9 14	17 27	18 37	18 55	26 13	16 54	3 10	
T 30	2s48	23n12	4n52	0n21	1n38	8s50	0n43	0s29	0n52	21n10	0s56	7s17	2s14	17s13	0s42	17n14	0s 5	9s15	17s27	18s40	18s56	26n14	16n53	3s10	

Julian Day Number = 2482103.5, Delta T = 86.15 sec
Ecliptic obliquity = 23°25'48, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°54'33, Lahiri = 25°01'34

ASTRODIENST EPHEMERIS for the year 2083
geocentric

OCTOBER 2083

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 39 45	8♎ 2'01	4♊53	4♎41	25♎46	3♎54	11°R10	16°R43	14°R14	11♌34	17°R33	6°R17	5♒16	11♊ 8	29°R14	F 1
S 2	0 43 42	9° 0'58	16°44	6°29	27° 0	4°32	11♊ 9	16♓39	14♒13	11°35	17♈31	6♒12	5°13	11°14	29♉13	S 2
S 3	0 47 38	9°59'57	28°34	8°17	28°15	5°11	11° 9	16°35	14°12	11°36	17°30	6°10	5°10	11°21	29°11	S 3
M 4	0 51 35	10°58'59	10♋28	10° 3	29°29	5°50	11° 8	16°31	14°11	11°38	17°29	6°D 9	5° 7	11°28	29° 9	M 4
T 5	0 55 31	11°58'02	22°31	11°49	0♏43	6°29	11° 7	16°27	14°10	11°39	17°28	6° 9	5° 4	11°34	29° 7	T 5
W 6	0 59 28	12°57'08	4♌48	13°35	1°58	7° 8	11° 6	16°23	14° 9	11°40	17°27	6°R10	5° 1	11°41	29° 5	W 6
T 7	1 3 24	13°56'17	17°25	15°19	3°12	7°47	11° 4	16°19	14° 9	11°41	17°26	6° 9	4°57	11°48	29° 4	T 7
F 8	1 7 21	14°55'27	0♍25	17° 3	4°26	8°26	11° 3	16°16	14° 8	11°43	17°25	6° 7	4°54	11°54	29° 2	F 8
S 9	1 11 18	15°54'40	13°51	18°46	5°41	9° 5	11° 1	16°12	14° 7	11°44	17°23	6° 2	4°51	12° 1	29° 0	S 9
S 10	1 15 14	16°53'55	27°44	20°28	6°55	9°44	10°59	16° 8	14° 6	11°45	17°22	5°54	4°48	12° 8	28°57	S 10
M11	1 19 11	17°53'12	12♎ 1	22° 9	8° 9	10°23	10°57	16° 5	14° 6	11°46	17°21	5°44	4°45	12°15	28°55	M11
T 12	1 23 7	18°52'32	26°37	23°49	9°24	11° 2	10°54	16° 1	14° 5	11°47	17°20	5°33	4°41	12°21	28°53	T 12
W13	1 27 4	19°51'53	11♏24	25°29	10°38	11°41	10°52	15°58	14° 5	11°48	17°19	5°22	4°38	12°28	28°51	W13
T 14	1 31 0	20°51'16	26°14	27° 8	11°52	12°20	10°49	15°54	14° 4	11°49	17°18	5°13	4°35	12°35	28°49	T 14
F 15	1 34 57	21°50'42	10♐59	28°47	13° 6	13° 0	10°46	15°51	14° 4	11°50	17°16	5° 5	4°32	12°41	28°46	F 15
S 16	1 38 53	22°50'09	25°31	0♏24	14°21	13°39	10°43	15°48	14° 3	11°51	17°15	5° 0	4°29	12°48	28°44	S 16
S 17	1 42 50	23°49'38	9♑48	2° 1	15°35	14°18	10°40	15°45	14° 3	11°52	17°14	4°58	4°26	12°55	28°42	S 17
M18	1 46 47	24°49'08	23°47	3°37	16°49	14°57	10°36	15°42	14° 2	11°53	17°13	4°D57	4°22	13° 1	28°39	M18
T 19	1 50 43	25°48'40	7♒29	5°13	18° 4	15°36	10°32	15°39	14° 2	11°54	17°12	4°R57	4°19	13° 8	28°37	T 19
W20	1 54 40	26°48'14	20°54	6°48	19°18	16°16	10°28	15°36	14° 2	11°55	17°11	4°57	4°16	13°15	28°34	W20
T 21	1 58 36	27°47'50	4♓ 5	8°22	20°32	16°55	10°24	15°33	14° 2	11°56	17°10	4°54	4°13	13°21	28°32	T 21
F 22	2 2 33	28°47'27	17° 4	9°56	21°46	17°34	10°20	15°30	14° 2	11°57	17° 8	4°49	4°10	13°28	28°29	F 22
S 23	2 6 29	29°47'06	29°50	11°29	23° 0	18°14	10°15	15°28	14° 2	11°57	17° 7	4°40	4° 6	13°35	28°26	S 23
S 24	2 10 26	0♏46'47	12♈27	13° 2	24°15	18°53	10°11	15°25	14°D 2	11°58	17° 6	4°29	4° 3	13°42	28°24	S 24
M25	2 14 22	1°46'30	24°53	14°34	25°29	19°32	10° 6	15°23	14° 2	11°59	17° 5	4°16	4° 0	13°48	28°21	M25
T 26	2 18 19	2°46'14	7♉10	16° 5	26°43	20°12	10° 1	15°20	14° 2	12° 0	17° 4	4° 2	3°57	13°55	28°18	T 26
W27	2 22 16	3°46'01	19°18	17°36	27°57	20°51	9°56	15°18	14° 2	12° 0	17° 3	3°47	3°54	14° 2	28°15	W27
T 28	2 26 12	4°45'50	1♊17	19° 6	29°12	21°31	9°50	15°16	14° 2	12° 1	17° 2	3°35	3°51	14° 8	28°13	T 28
F 29	2 30 9	5°45'41	13°10	20°36	0♐26	22°10	9°45	15°14	14° 2	12° 1	17° 1	3°24	3°47	14°15	28°10	F 29
S 30	2 34 5	6°45'34	24°59	22° 5	1°40	22°50	9°39	15°12	14° 3	12° 2	17° 0	3°16	3°44	14°22	28° 7	S 30
S 31	2 38 2	7♏45'30	6♋47	23♏34	2♐54	23♎29	9♊33	15♓10	14♒ 3	12♌ 2	16♈59	3♒12	3♒41	14♊28	28♉ 4	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	3s11	25n29	4n27	0s26	1n34	9s19	0n41	0s45	0n52	21n10	0s57	7s18	2s14	17s14	0s42	17n14	0s 5	9s15	17s27	18s42	18s57	26n14	16n53	3s11
S 2	3 34	26 37	3 52	1 12	1 29	9 48	0 39	1 1	0 52	21 10	0 57	7 20	2 14	17 14	0 42	17 13	0 5	9 16	17 27	18 43	18 57	26 14	16 52	3 11
S 3	3 58	26 32	3 6	1 59	1 25	10 16	0 37	1 16	0 51	21 10	0 57	7 21	2 14	17 14	0 42	17 13	0 5	9 16	17 27	18 44	18 58	26 15	16 51	3 11
M 4	4 21	25 13	2 12	2 46	1 20	10 45	0 34	1 32	0 51	21 10	0 57	7 23	2 14	17 14	0 42	17 13	0 5	9 17	17 27	18 44	18 59	26 15	16 51	3 11
T 5	4 44	22 44	1 12	3 32	1 14	11 13	0 32	1 48	0 51	21 10	0 57	7 24	2 14	17 15	0 42	17 12	0 5	9 17	17 27	18 44	19 0	26 16	16 50	3 12
W 6	5 7	19 10	0 7	4 18	1 9	11 41	0 30	2 4	0 50	21 9	0 57	7 26	2 14	17 15	0 42	17 12	0 5	9 17	17 27	18 44	19 0	26 16	16 50	3 12
T 7	5 30	14 40	1s 0	5 4	1 3	12 9	0 27	2 19	0 50	21 9	0 57	7 27	2 14	17 15	0 42	17 12	0 5	9 18	17 27	18 44	19 1	26 17	16 49	3 12
F 8	5 53	9 22	2 5	5 49	0 57	12 36	0 25	2 35	0 50	21 9	0 57	7 29	2 14	17 15	0 42	17 11	0 5	9 18	17 27	18 44	19 2	26 17	16 48	3 12
S 9	6 15	3 29	3 6	6 34	0 51	13 3	0 23	2 51	0 49	21 9	0 57	7 30	2 14	17 16	0 42	17 11	0 5	9 19	17 27	18 45	19 3	26 17	16 48	3 13
S 10	6 38	2s44	3 58	7 18	0 44	13 30	0 20	3 6	0 49	21 8	0 57	7 31	2 14	17 16	0 42	17 11	0 5	9 19	17 27	18 47	19 3	26 18	16 47	3 13
M11	7 1	8 59	4 36	8 2	0 38	13 57	0 18	3 22	0 49	21 8	0 57	7 33	2 14	17 16	0 42	17 10	0 5	9 20	17 27	18 50	19 4	26 18	16 46	3 13
T 12	7 23	14 53	4 58	8 45	0 31	14 23	0 15	3 38	0 48	21 8	0 57	7 34	2 14	17 16	0 42	17 10	0 5	9 20	17 27	18 52	19 5	26 18	16 46	3 13
W13	7 46	19 59	5 0	9 28	0 25	14 49	0 12	3 53	0 48	21 7	0 57	7 35	2 14	17 16	0 42	17 10	0 5	9 20	17 27	18 55	19 6	26 19	16 45	3 13
T 14	8 8	23 51	4 41	10 10	0 18	15 14	0 10	4 9	0 47	21 7	0 57	7 36	2 14	17 16	0 42	17 10	0 5	9 21	17 27	18 58	19 7	26 19	16 44	3 14
F 15	8 31	26 7	4 5	10 51	0 11	15 39	0 7	4 24	0 47	21 6	0 57	7 38	2 13	17 16	0 42	17 9	0 5	9 21	17 27	18 59	19 7	26 20	16 43	3 14
S 16	8 53	26 34	3 12	11 32	0 5	16 4	0 5	4 40	0 47	21 6	0 57	7 39	2 13	17 16	0 42	17 9	0 5	9 22	17 27	19 1	19 8	26 20	16 43	3 14
S 17	9 15	25 13	2 9	12 12	0s 2	16 28	0 2	4 55	0 46	21 5	0 57	7 40	2 13	17 17	0 42	17 9	0 5	9 22	17 27	19 1	19 9	26 20	16 42	3 14
M18	9 36	22 18	0 59	12 52	0 9	16 52	0s 1	5 11	0 46	21 5	0 58	7 41	2 13	17 17	0 42	17 8	0 5	9 22	17 27	19 1	19 10	26 21	16 41	3 15
T 19	9 58	18 11	0n13	13 30	0 16	17 15	0 3	5 26	0 46	21 4	0 58	7 42	2 13	17 17	0 42	17 8	0 5	9 23	17 27	19 1	19 10	26 21	16 40	3 15
W20	10 20	13 12	1 23	14 8	0 23	17 38	0 6	5 42	0 45	21 4	0 58	7 43	2 13	17 17	0 42	17 8	0 5	9 23	17 27	19 1	19 11	26 21	16 40	3 15
T 21	10 41	7 43	2 27	14 46	0 30	18 1	0 9	5 57	0 45	21 3	0 58	7 44	2 13	17 17	0 42	17 8	0 5	9 24	17 27	19 2	19 12	26 21	16 39	3 15
F 22	11 2	2 0	3 23	15 22	0 37	18 23	0 11	6 13	0 44	21 2	0 58	7 45	2 13	17 17	0 42	17 8	0 5	9 24	17 27	19 3	19 13	26 22	16 38	3 15
S 23	11 24	3n43	4 7	15 58	0 43	18 45	0 14	6 28	0 44	21 2	0 58	7 46	2 13	17 17	0 42	17 7	0 5	9 24	17 27	19 5	19 13	26 22	16 37	3 16
S 24	11 44	9 11	4 38	16 32	0 50	19 6	0 17	6 43	0 44	21 1	0 58	7 47	2 12	17 17	0 42	17 7	0 5	9 25	17 27	19 8	19 14	26 22	16 37	3 16
M25	12 5	14 13	4 55	17 6	0 57	19 26	0 19	6 59	0 43	21 0	0 58	7 48	2 12	17 17	0 42	17 7	0 5	9 25	17 27	19 11	19 15	26 23	16 36	3 16
T 26	12 26	18 36	4 59	17 39	1 3	19 46	0 22	7 14	0 43	20 59	0 58	7 48	2 12	17 17	0 42	17 7	0 5	9 25	17 26	19 14	19 16	26 23	16 35	3 16
W27	12 46	22 10	4 49	18 11	1 10	20 6	0 25	7 29	0 42	20 59	0 58	7 49	2 12	17 16	0 42	17 7	0 5	9 26	17 26	19 18	19 16	26 23	16 34	3 16
T 28	13 6	24 45	4 26	18 43	1 16	20 25	0 27	7 44	0 42	20 58	0 58	7 50	2 12	17 16	0 42	17 6	0 5	9 26	17 26	19 21	19 17	26 23	16 34	3 17
F 29	13 26	26 12	3 51	19 13	1 22	20 43	0 30	7 59	0 42	20 57	0 58	7 51	2 12	17 16	0 42	17 6	0 5	9 26	17 26	19 23	19 18	26 24	16 33	3 17
S 30	13 46	26 27	3 7	19 42	1 28	21 1	0 33	8 14	0 41	20 56	0 58	7 51	2 12	17 16	0 41	17 6	0 5	9 26	17 26	19 25	19 19	26 24	16 32	3 17
S 31	14s 6	25n30	2n15	20s11	1s34	21s19	0s36	8s29	0n41	20n55	0s58	7s52	2s11	17s16	0s41	17n 6	0s 5	9s27	17s26	19s26	19s19	26n24	16n31	3s17

Julian Day Number = 2482133.5, Delta T = 86.18 sec
Ecliptic obliquity = 23°25'48, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°54'37, Lahiri = 25°01'38

ASTRODIENST EPHEMERIS for the year 2083
geocentric

NOVEMBER 2083 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 41 58	8♏45'27	18♋39	25♏ 2	4♐ 8	24♎ 9	9°R27	15°R 8	14♒ 3	12♌ 3	16°R57	3°R 9	3♒38	14♊35	28°R 1	M 1
T 2	2 45 55	9°45'27	0♌39	26°29	5°22	24°48	9♊21	15♓ 6	14° 4	12° 3	16♈56	3°D 9	3°35	14°42	27♉58	T 2
W 3	2 49 51	10°45'28	12°53	27°56	6°37	25°28	9°15	15° 5	14° 4	12° 4	16°55	3°R 9	3°32	14°48	27°55	W 3
T 4	2 53 48	11°45'32	25°25	29°22	7°51	26° 8	9° 9	15° 3	14° 5	12° 4	16°54	3♒ 8	3°28	14°55	27°52	T 4
F 5	2 57 45	12°45'38	8♍22	0♐48	9° 5	26°47	9° 2	15° 2	14° 5	12° 4	16°53	3° 6	3°25	15° 2	27°49	F 5
S 6	3 1 41	13°45'46	21°47	2°13	10°19	27°27	8°55	15° 1	14° 6	12° 5	16°52	3° 1	3°22	15° 8	27°46	S 6
S 7	3 5 38	14°45'56	5♎42	3°37	11°33	28° 7	8°49	14°59	14° 7	12° 5	16°51	2°54	3°19	15°15	27°43	S 7
M 8	3 9 34	15°46'08	20° 6	5° 1	12°47	28°47	8°42	14°58	14° 8	12° 5	16°50	2°44	3°16	15°22	27°40	M 8
T 9	3 13 31	16°46'22	4♏54	6°23	14° 1	29°26	8°35	14°57	14° 8	12° 5	16°49	2°33	3°12	15°29	27°37	T 9
W10	3 17 27	17°46'37	19°59	7°45	15°15	0♏ 6	8°28	14°56	14° 9	12° 5	16°48	2°22	3° 9	15°35	27°34	W10
T 11	3 21 24	18°46'55	5♐10	9° 5	16°30	0°46	8°20	14°56	14°10	12° 6	16°47	2°12	3° 6	15°42	27°31	T 11
F 12	3 25 20	19°47'15	20°17	10°25	17°44	1°26	8°13	14°55	14°11	12° 6	16°46	2° 4	3° 3	15°49	27°27	F 12
S 13	3 29 17	20°47'36	5♑11	11°43	18°58	2° 6	8° 6	14°54	14°12	12° 6	16°45	1°59	3° 0	15°55	27°24	S 13
S 14	3 33 14	21°47'58	19°44	13° 0	20°12	2°46	7°58	14°54	14°13	12°R 6	16°44	1°56	2°57	16° 2	27°21	S 14
M15	3 37 10	22°48'22	3♒54	14°15	21°26	3°26	7°50	14°53	14°14	12° 6	16°44	1°D56	2°53	16° 9	27°18	M15
T 16	3 41 7	23°48'47	17°40	15°29	22°40	4° 6	7°43	14°53	14°15	12° 6	16°43	1°R56	2°50	16°15	27°15	T 16
W17	3 45 3	24°49'13	1♓ 3	16°41	23°54	4°46	7°35	14°53	14°17	12° 6	16°42	1°56	2°47	16°22	27°12	W17
T 18	3 49 0	25°49'40	14° 7	17°50	25° 8	5°26	7°27	14°D53	14°18	12° 6	16°41	1°54	2°44	16°29	27° 8	T 18
F 19	3 52 56	26°50'09	26°53	18°57	26°22	6° 6	7°19	14°53	14°19	12° 5	16°40	1°50	2°41	16°35	27° 5	F 19
S 20	3 56 53	27°50'39	9♈26	20° 1	27°36	6°46	7°11	14°53	14°20	12° 5	16°39	1°44	2°38	16°42	27° 2	S 20
S 21	4 0 49	28°51'11	21°48	21° 2	28°50	7°26	7° 3	14°53	14°22	12° 5	16°38	1°35	2°34	16°49	26°59	S 21
M22	4 4 46	29°51'44	4♉ 0	21°59	0♑ 4	8° 6	6°55	14°54	14°23	12° 5	16°38	1°23	2°31	16°55	26°56	M22
T 23	4 8 43	0♐52'18	16° 5	22°52	1°18	8°47	6°47	14°54	14°25	12° 4	16°37	1°11	2°28	17° 2	26°53	T 23
W24	4 12 39	1°52'54	28° 4	23°41	2°32	9°27	6°39	14°55	14°26	12° 4	16°36	0°59	2°25	17° 9	26°49	W24
T 25	4 16 36	2°53'31	9♊58	24°24	3°46	10° 7	6°31	14°56	14°28	12° 4	16°35	0°49	2°22	17°16	26°46	T 25
F 26	4 20 32	3°54'10	21°48	25° 2	4°59	10°47	6°23	14°56	14°30	12° 3	16°35	0°40	2°18	17°22	26°43	F 26
S 27	4 24 29	4°54'50	3♋37	25°32	6°13	11°28	6°14	14°57	14°31	12° 3	16°34	0°34	2°15	17°29	26°40	S 27
S 28	4 28 25	5°55'31	15°26	25°55	7°27	12° 8	6° 6	14°58	14°33	12° 3	16°33	0°30	2°12	17°36	26°37	S 28
M29	4 32 22	6°56'14	27°19	26°10	8°41	12°48	5°58	14°59	14°35	12° 2	16°32	0°D28	2° 9	17°42	26°34	M29
T 30	4 36 18	7♐56'59	9♌20	26°R17	9♑55	13♏29	5♊50	15♓ 1	14♒37	12♌ 2	16♈32	0♒29	2♒ 6	17♊49	26♉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	14s25	23n23	1n16	20s38	1s40	21s35	0s38	8s44	0n40	20n55	0s58	7s52	2s11	17s16	0s41	17n 6	0s 5	9s27	17s26	19s27	19s20	26n24	16n30	3s17
T 2	14 44	20 13	0 13	21 5	1 46	21 52	0 41	8 59	0 40	20 54	0 58	7 53	2 11	17 16	0 41	17 6	0 5	9 27	17 26	19 27	19 21	26 24	16 30	3 17
W 3	15 3	16 7	0s51	21 30	1 51	22 7	0 44	9 14	0 39	20 53	0 58	7 53	2 11	17 16	0 41	17 6	0 5	9 27	17 25	19 27	19 22	26 25	16 29	3 18
T 4	15 21	11 14	1 55	21 54	1 57	22 22	0 46	9 29	0 39	20 52	0 58	7 54	2 11	17 15	0 41	17 6	0 5	9 28	17 25	19 27	19 22	26 25	16 28	3 18
F 5	15 40	5 43	2 55	22 17	2 2	22 36	0 49	9 44	0 39	20 51	0 58	7 54	2 11	17 15	0 41	17 6	0 5	9 28	17 25	19 27	19 23	26 25	16 27	3 18
S 6	15 58	0s14	3 47	22 40	2 6	22 50	0 51	9 58	0 38	20 50	0 58	7 55	2 11	17 15	0 41	17 5	0 5	9 28	17 25	19 28	19 24	26 25	16 26	3 18
S 7	16 16	6 22	4 28	23 1	2 11	23 3	0 54	10 13	0 38	20 49	0 58	7 55	2 10	17 15	0 41	17 5	0 5	9 28	17 25	19 30	19 24	26 25	16 25	3 18
M 8	16 33	12 23	4 54	23 20	2 15	23 15	0 56	10 27	0 37	20 48	0 58	7 55	2 10	17 14	0 41	17 5	0 5	9 29	17 25	19 32	19 25	26 26	16 25	3 18
T 9	16 50	17 52	5 1	23 39	2 19	23 27	0 59	10 42	0 37	20 47	0 58	7 55	2 10	17 14	0 41	17 5	0 5	9 29	17 24	19 35	19 26	26 26	16 24	3 18
W10	17 7	22 20	4 47	23 56	2 23	23 38	1 1	10 56	0 36	20 46	0 58	7 56	2 10	17 14	0 41	17 5	0 5	9 29	17 24	19 37	19 27	26 26	16 23	3 19
T 11	17 24	25 18	4 13	24 13	2 26	23 48	1 4	11 11	0 36	20 44	0 57	7 56	2 10	17 14	0 41	17 5	0 5	9 29	17 24	19 40	19 27	26 26	16 22	3 19
F 12	17 41	26 26	3 22	24 28	2 29	23 58	1 6	11 25	0 35	20 43	0 57	7 56	2 10	17 13	0 41	17 5	0 5	9 29	17 24	19 42	19 28	26 26	16 21	3 19
S 13	17 57	25 37	2 17	24 41	2 32	24 7	1 9	11 39	0 35	20 42	0 57	7 56	2 9	17 13	0 41	17 5	0 5	9 29	17 24	19 43	19 29	26 26	16 21	3 19
S 14	18 12	23 2	1 4	24 53	2 34	24 15	1 11	11 53	0 34	20 41	0 57	7 56	2 9	17 13	0 41	17 5	0 5	9 30	17 23	19 43	19 30	26 26	16 20	3 19
M15	18 28	19 6	0n10	25 4	2 35	24 22	1 13	12 7	0 34	20 40	0 57	7 56	2 9	17 12	0 41	17 5	0 5	9 30	17 23	19 43	19 30	26 26	16 19	3 19
T 16	18 43	14 13	1 23	25 14	2 37	24 29	1 16	12 21	0 34	20 39	0 57	7 56	2 9	17 12	0 41	17 5	0 5	9 30	17 23	19 43	19 31	26 27	16 18	3 19
W17	18 58	8 47	2 28	25 22	2 37	24 35	1 18	12 35	0 33	20 38	0 57	7 56	2 9	17 12	0 41	17 5	0 5	9 30	17 23	19 43	19 32	26 27	16 17	3 19
T 18	19 12	3 6	3 25	25 29	2 37	24 41	1 20	12 49	0 33	20 36	0 57	7 56	2 9	17 11	0 41	17 5	0 5	9 30	17 22	19 44	19 32	26 27	16 16	3 19
F 19	19 27	2n34	4 9	25 34	2 37	24 45	1 22	13 3	0 32	20 35	0 57	7 56	2 8	17 11	0 41	17 5	0 5	9 30	17 22	19 45	19 33	26 27	16 16	3 20
S 20	19 40	8 2	4 41	25 38	2 35	24 49	1 24	13 16	0 32	20 34	0 57	7 55	2 8	17 10	0 41	17 5	0 5	9 30	17 22	19 46	19 34	26 27	16 15	3 20
S 21	19 54	13 6	4 59	25 41	2 33	24 52	1 26	13 30	0 31	20 33	0 57	7 55	2 8	17 10	0 41	17 5	0 5	9 30	17 22	19 48	19 35	26 27	16 14	3 20
M22	20 7	17 35	5 3	25 41	2 31	24 54	1 29	13 43	0 31	20 31	0 57	7 55	2 8	17 9	0 41	17 6	0 5	9 30	17 21	19 51	19 35	26 27	16 13	3 20
T 23	20 19	21 19	4 53	25 41	2 27	24 56	1 30	13 57	0 30	20 30	0 57	7 54	2 8	17 9	0 41	17 6	0 5	9 30	17 21	19 53	19 36	26 27	16 12	3 20
W24	20 32	24 7	4 31	25 39	2 22	24 57	1 32	14 10	0 30	20 29	0 56	7 54	2 8	17 9	0 41	17 6	0 5	9 30	17 21	19 56	19 37	26 27	16 12	3 20
T 25	20 44	25 50	3 56	25 35	2 16	24 57	1 34	14 23	0 29	20 28	0 56	7 54	2 7	17 8	0 41	17 6	0 5	9 30	17 21	19 58	19 38	26 27	16 11	3 20
F 26	20 55	26 22	3 12	25 30	2 9	24 56	1 36	14 36	0 29	20 26	0 56	7 53	2 7	17 8	0 41	17 6	0 4	9 30	17 20	20 0	19 38	26 27	16 10	3 20
S 27	21 6	25 42	2 19	25 23	2 1	24 55	1 38	14 49	0 28	20 25	0 56	7 53	2 7	17 7	0 41	17 6	0 4	9 30	17 20	20 1	19 39	26 27	16 9	3 20
S 28	21 17	23 52	1 20	25 14	1 52	24 53	1 39	15 2	0 28	20 24	0 56	7 52	2 7	17 7	0 41	17 6	0 4	9 30	17 20	20 2	19 40	26 27	16 9	3 20
M29	21 28	20 58	0 17	25 4	1 41	24 50	1 41	15 15	0 27	20 23	0 56	7 51	2 7	17 6	0 41	17 6	0 4	9 30	17 19	20 2	19 40	26 27	16 8	3 20
T 30	21s38	17n 9	0s48	24s52	1s29	24s46	1s43	15s27	0n27	20n21	0s56	7s51	2s 6	17s 5	0s41	17n 6	0s 4	9s30	17s19	20s 2	19s41	26n27	16n 7	3s20

Julian Day Number = 2482164.5, Delta T = 86.21 sec
Ecliptic obliquity = 23°25'47, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°54'42, Lahiri = 25°01'42

ASTRODIENST EPHEMERIS for the year 2083
geocentric

DECEMBER 2083 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 40 15	8♐57'45	21♌33	26°R13	11♑ 8	14♏ 9	5°R42	15♓ 2	14♒38	12°R 1	16°R31	0♒30	2♒ 3	17♊56	26°R27	W 1
T 2	4 44 12	9°58'32	4♍ 3	25♐59	12°22	14°50	5♊34	15° 3	14°40	12♌ 0	16♈31	0°R31	1°59	18° 2	26♉24	T 2
F 3	4 48 8	10°59'21	16°54	25°33	13°36	15°30	5°25	15° 5	14°42	12° 0	16°30	0°31	1°56	18° 9	26°21	F 3
S 4	4 52 5	12° 0'11	0♎11	24°57	14°50	16°11	5°17	15° 6	14°44	11°59	16°29	0°29	1°53	18°16	26°18	S 4
S 5	4 56 1	13° 1'03	13°57	24°10	16° 3	16°51	5° 9	15° 8	14°46	11°59	16°29	0°25	1°50	18°22	26°15	S 5
M 6	4 59 58	14° 1'56	28°12	23°12	17°17	17°32	5° 1	15°10	14°48	11°58	16°28	0°20	1°47	18°29	26°12	M 6
T 7	5 3 54	15° 2'50	12♏55	22° 5	18°31	18°13	4°53	15°12	14°50	11°57	16°28	0°13	1°44	18°36	26° 9	T 7
W 8	5 7 51	16° 3'46	27°59	20°51	19°44	18°53	4°45	15°14	14°53	11°56	16°27	0° 6	1°40	18°42	26° 6	W 8
T 9	5 11 48	17° 4'43	13♐15	19°31	20°58	19°34	4°38	15°16	14°55	11°56	16°27	29♑59	1°37	18°49	26° 3	T 9
F 10	5 15 44	18° 5'41	28°32	18° 9	22°11	20°15	4°30	15°18	14°57	11°55	16°26	29°54	1°34	18°56	26° 0	F 10
S 11	5 19 41	19° 6'40	13♑41	16°46	23°25	20°55	4°22	15°21	14°59	11°54	16°26	29°51	1°31	19° 2	25°57	S 11
S 12	5 23 37	20° 7'40	28°31	15°26	24°38	21°36	4°15	15°23	15° 2	11°53	16°25	29°D50	1°28	19° 9	25°55	S 12
M13	5 27 34	21° 8'40	12♒57	14°11	25°52	22°17	4° 7	15°26	15° 4	11°52	16°25	29°51	1°24	19°16	25°52	M13
T 14	5 31 30	22° 9'41	26°56	13° 4	27° 5	22°58	4° 0	15°28	15° 6	11°51	16°25	29°52	1°21	19°23	25°49	T 14
W15	5 35 27	23°10'42	10♓28	12° 7	28°19	23°39	3°52	15°31	15° 9	11°50	16°24	29°53	1°18	19°29	25°46	W15
T 16	5 39 23	24°11'44	23°35	11°19	29°32	24°19	3°45	15°34	15°11	11°49	16°24	29°R54	1°15	19°36	25°44	T 16
F 17	5 43 20	25°12'46	6♈20	10°43	0♒45	25° 0	3°38	15°37	15°14	11°48	16°24	29°53	1°12	19°43	25°41	F 17
S 18	5 47 17	26°13'48	18°48	10°18	1°59	25°41	3°31	15°40	15°16	11°47	16°23	29°51	1° 9	19°49	25°38	S 18
S 19	5 51 13	27°14'51	1♉ 2	10° 3	3°12	26°22	3°24	15°43	15°19	11°46	16°23	29°47	1° 5	19°56	25°36	S 19
M20	5 55 10	28°15'55	13° 6	9°D59	4°25	27° 3	3°17	15°46	15°22	11°45	16°23	29°42	1° 2	20° 3	25°33	M20
T 21	5 59 6	29°16'59	25° 3	10° 5	5°38	27°44	3°11	15°50	15°24	11°44	16°22	29°37	0°59	20° 9	25°31	T 21
W22	6 3 3	0♑18'03	6♊55	10°20	6°51	28°25	3° 4	15°53	15°27	11°43	16°22	29°31	0°56	20°16	25°28	W22
T 23	6 6 59	1°19'08	18°45	10°43	8° 4	29° 6	2°58	15°57	15°30	11°41	16°22	29°26	0°53	20°23	25°26	T 23
F 24	6 10 56	2°20'13	0♋35	11°14	9°17	29°47	2°52	16° 0	15°32	11°40	16°22	29°22	0°50	20°29	25°23	F 24
S 25	6 14 52	3°21'19	12°27	11°51	10°30	0♐29	2°46	16° 4	15°35	11°39	16°22	29°19	0°46	20°36	25°21	S 25
S 26	6 18 49	4°22'25	24°22	12°35	11°43	1°10	2°40	16° 8	15°38	11°38	16°22	29°D18	0°43	20°43	25°19	S 26
M27	6 22 46	5°23'31	6♌23	13°23	12°56	1°51	2°34	16°11	15°41	11°36	16°22	29°18	0°40	20°49	25°16	M27
T 28	6 26 42	6°24'38	18°32	14°17	14° 9	2°32	2°28	16°15	15°44	11°35	16°22	29°19	0°37	20°56	25°14	T 28
W29	6 30 39	7°25'45	0♍51	15°14	15°22	3°13	2°23	16°19	15°46	11°34	16°21	29°21	0°34	21° 3	25°12	W29
T 30	6 34 35	8°26'53	13°25	16°15	16°34	3°55	2°18	16°24	15°49	11°32	16°21	29°22	0°30	21° 9	25°10	T 30
F 31	6 38 32	9♑28'02	26♍17	17♐19	17♒47	4♐36	2♊13	16♓28	15♒52	11♌31	16°D21	29♑24	0♒27	21♊16	25♉ 8	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	21s47	12n34	1s51	24s38	1s16	24s42	1s44	15s40	0n26	20n20	0s56	7s50	2s 6	17s 5	0s41	17n 7	0s 4	9s30	17s19	20s 2	19s42	26n27	16n 6	3s20
T 2	21 56	7 22	2 51	24 23	1 1	24 36	1 46	15 52	0 26	20 19	0 55	7 49	2 6	17 4	0 40	17 7	0 4	9 30	17 19	20 2	19 43	26 27	16 6	3 20
F 3	22 5	1 44	3 44	24 5	0 44	24 30	1 47	16 5	0 25	20 17	0 55	7 49	2 6	17 4	0 40	17 7	0 4	9 30	17 18	20 2	19 43	26 27	16 5	3 20
S 4	22 13	4s 9	4 27	23 46	0 26	24 24	1 48	16 17	0 25	20 16	0 55	7 48	2 6	17 3	0 40	17 7	0 4	9 30	17 18	20 2	19 44	26 27	16 4	3 20
S 5	22 21	10 3	4 56	23 26	0 8	24 17	1 49	16 29	0 24	20 15	0 55	7 47	2 6	17 2	0 40	17 7	0 4	9 30	17 18	20 3	19 45	26 27	16 3	3 21
M 6	22 29	15 38	5 8	23 3	0n12	24 8	1 51	16 41	0 23	20 14	0 55	7 46	2 5	17 2	0 40	17 8	0 4	9 30	17 17	20 4	19 45	26 27	16 3	3 21
T 7	22 35	20 29	5 1	22 39	0 32	24 0	1 52	16 53	0 23	20 12	0 55	7 45	2 5	17 1	0 40	17 8	0 4	9 30	17 17	20 6	19 46	26 27	16 2	3 21
W 8	22 42	24 8	4 33	22 14	0 53	23 50	1 53	17 4	0 22	20 11	0 55	7 44	2 5	17 0	0 40	17 8	0 4	9 30	17 17	20 7	19 47	26 27	16 1	3 21
T 9	22 48	26 6	3 45	21 48	1 13	23 40	1 54	17 16	0 22	20 10	0 54	7 43	2 5	17 0	0 40	17 8	0 4	9 30	17 16	20 9	19 47	26 27	16 1	3 21
F 10	22 54	26 7	2 42	21 23	1 32	23 29	1 54	17 27	0 21	20 9	0 54	7 42	2 5	16 59	0 40	17 8	0 4	9 30	17 16	20 10	19 48	26 27	16 0	3 21
S 11	22 59	24 10	1 27	20 57	1 49	23 18	1 55	17 39	0 21	20 7	0 54	7 41	2 5	16 58	0 40	17 9	0 4	9 29	17 16	20 10	19 49	26 27	15 59	3 21
S 12	23 4	20 34	0 7	20 33	2 5	23 5	1 56	17 50	0 20	20 6	0 54	7 40	2 4	16 58	0 40	17 9	0 4	9 29	17 15	20 11	19 50	26 27	15 59	3 21
M13	23 8	15 47	1n11	20 12	2 19	22 52	1 57	18 1	0 20	20 5	0 54	7 39	2 4	16 57	0 40	17 9	0 4	9 29	17 15	20 11	19 50	26 27	15 58	3 21
T 14	23 12	10 18	2 22	19 52	2 31	22 39	1 57	18 12	0 19	20 4	0 53	7 38	2 4	16 56	0 40	17 10	0 4	9 29	17 15	20 10	19 51	26 26	15 57	3 21
W15	23 15	4 30	3 23	19 36	2 40	22 24	1 57	18 23	0 18	20 3	0 53	7 37	2 4	16 56	0 40	17 10	0 4	9 29	17 14	20 10	19 52	26 26	15 57	3 21
T 16	23 18	1n18	4 12	19 23	2 47	22 10	1 58	18 33	0 18	20 1	0 53	7 35	2 4	16 55	0 40	17 10	0 4	9 29	17 14	20 10	19 52	26 26	15 56	3 21
F 17	23 21	6 54	4 46	19 13	2 51	21 54	1 58	18 44	0 17	20 0	0 53	7 34	2 4	16 54	0 40	17 10	0 4	9 28	17 14	20 10	19 53	26 26	15 55	3 21
S 18	23 23	12 5	5 6	19 7	2 54	21 38	1 58	18 54	0 17	19 59	0 53	7 33	2 3	16 53	0 40	17 11	0 4	9 28	17 13	20 10	19 54	26 26	15 55	3 21
S 19	23 24	16 42	5 12	19 4	2 54	21 21	1 58	19 4	0 16	19 58	0 52	7 31	2 3	16 53	0 40	17 11	0 4	9 28	17 13	20 11	19 54	26 26	15 54	3 20
M20	23 25	20 35	5 4	19 5	2 54	21 4	1 58	19 14	0 16	19 57	0 52	7 30	2 3	16 52	0 40	17 11	0 4	9 28	17 13	20 12	19 55	26 26	15 54	3 20
T 21	23 26	23 35	4 42	19 8	2 51	20 46	1 58	19 24	0 15	19 56	0 52	7 29	2 3	16 51	0 40	17 12	0 4	9 27	17 12	20 13	19 56	26 25	15 53	3 20
W22	23 26	25 32	4 9	19 13	2 48	20 27	1 58	19 34	0 14	19 55	0 52	7 27	2 3	16 50	0 40	17 12	0 4	9 27	17 12	20 15	19 57	26 25	15 53	3 20
T 23	23 25	26 21	3 24	19 21	2 43	20 8	1 58	19 44	0 14	19 54	0 52	7 26	2 3	16 49	0 40	17 12	0 4	9 27	17 12	20 16	19 57	26 25	15 52	3 20
F 24	23 25	25 57	2 31	19 31	2 38	19 49	1 58	19 53	0 13	19 53	0 51	7 24	2 2	16 48	0 40	17 13	0 4	9 27	17 11	20 17	19 58	26 25	15 52	3 20
S 25	23 23	24 22	1 31	19 42	2 32	19 29	1 57	20 2	0 13	19 52	0 51	7 22	2 2	16 48	0 40	17 13	0 4	9 26	17 11	20 17	19 59	26 25	15 51	3 20
S 26	23 21	21 41	0 27	19 54	2 25	19 8	1 57	20 11	0 12	19 51	0 51	7 21	2 2	16 47	0 40	17 13	0 4	9 26	17 10	20 17	19 59	26 25	15 51	3 20
M27	23 19	18 3	0s39	20 7	2 18	18 47	1 56	20 20	0 11	19 50	0 51	7 19	2 2	16 46	0 40	17 14	0 4	9 26	17 10	20 17	20 0	26 24	15 50	3 20
T 28	23 16	13 37	1 44	20 21	2 10	18 25	1 55	20 29	0 11	19 49	0 51	7 17	2 2	16 45	0 40	17 14	0 4	9 25	17 10	20 17	20 1	26 24	15 50	3 20
W29	23 13	8 35	2 45	20 35	2 2	18 3	1 54	20 38	0 10	19 48	0 50	7 16	2 2	16 44	0 40	17 14	0 4	9 25	17 9	20 17	20 1	26 24	15 49	3 20
T 30	23 10	3 7	3 40	20 50	1 54	17 40	1 54	20 46	0 9	19 48	0 50	7 14	2 2	16 43	0 40	17 15	0 4	9 25	17 9	20 16	20 2	26 24	15 49	3 20
F 31	23s 6	2s35	4s25	21s 4	1n46	17s17	1s53	20s54	0n 9	19n47	0s50	7s12	2s 1	16s42	0s40	17n15	0s 4	9s25	17s 9	20s16	20s 3	26n23	15n48	3s20

Julian Day Number = 2482194.5, Delta T = 86.25 sec
Ecliptic obliquity = 23°25'47, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°54'46, Lahiri = 25°01'46