Astrodienst Ephemeris Tables

for the year 2128

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 2128
geocentric

JANUARY 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 39 52	9♑47'22	21♐11	28♑26	9♐ 5	14♓24	10♒ 1	8♎57	22°R52	17♏44	29°R15	18°R29	19♍26	11♊28	0°R19	T 1
F 2	6 43 49	10°48'32	6♑23	28°48	10°19	15° 8	10°15	8°59	22♌51	17°45	29♉14	18♍18	19°23	11°35	0♉18	F 2
S 3	6 47 45	11°49'43	21°27	29° 0	11°34	15°53	10°28	9° 0	22°49	17°47	29°13	18° 8	19°20	11°42	0°18	S 3
S 4	6 51 42	12°50'54	6♒14	29°R 1	12°48	16°37	10°42	9° 2	22°47	17°48	29°12	18° 0	19°16	11°49	0°17	S 4
M 5	6 55 38	13°52'04	20°36	28°50	14° 2	17°22	10°55	9° 4	22°45	17°50	29°12	17°54	19°13	11°55	0°17	M 5
T 6	6 59 35	14°53'15	4♓29	28°28	15°17	18° 6	11° 9	9° 5	22°43	17°51	29°11	17°51	19°10	12° 2	0°17	T 6
W 7	7 3 31	15°54'25	17°53	27°54	16°31	18°50	11°22	9° 6	22°41	17°53	29°10	17°D50	19° 7	12° 9	0°16	W 7
T 8	7 7 28	16°55'35	0♈51	27° 8	17°46	19°35	11°36	9° 7	22°39	17°54	29° 9	17°51	19° 4	12°16	0°16	T 8
F 9	7 11 25	17°56'44	13°25	26°12	19° 0	20°19	11°49	9° 9	22°37	17°55	29° 9	17°R52	19° 1	12°22	0°16	F 9
S 10	7 15 21	18°57'53	25°41	25° 7	20°15	21° 4	12° 3	9°10	22°35	17°57	29° 8	17°51	18°57	12°29	0°16	S 10
S 11	7 19 18	19°59'02	7♉43	23°55	21°29	21°48	12°17	9°11	22°33	17°58	29° 7	17°49	18°54	12°36	0°D16	S 11
M12	7 23 14	21° 0'10	19°38	22°37	22°44	22°33	12°31	9°11	22°31	17°59	29° 7	17°45	18°51	12°42	0°16	M12
T 13	7 27 11	22° 1'18	1♊29	21°17	23°58	23°17	12°44	9°12	22°29	18° 0	29° 6	17°39	18°48	12°49	0°16	T 13
W14	7 31 7	23° 2'26	13°20	19°57	25°13	24° 1	12°58	9°13	22°27	18° 2	29° 5	17°30	18°45	12°56	0°16	W14
T 15	7 35 4	24° 3'33	25°15	18°40	26°27	24°46	13°12	9°13	22°25	18° 3	29° 5	17°20	18°41	13° 3	0°17	T 15
F 16	7 39 0	25° 4'39	7♋15	17°28	27°42	25°30	13°26	9°13	22°23	18° 4	29° 4	17° 9	18°38	13° 9	0°17	F 16
S 17	7 42 57	26° 5'45	19°22	16°22	28°56	26°14	13°40	9°14	22°20	18° 5	29° 4	16°59	18°35	13°16	0°17	S 17
S 18	7 46 54	27° 6'51	1♌38	15°24	0♑11	26°59	13°54	9°14	22°18	18° 6	29° 3	16°50	18°32	13°23	0°18	S 18
M19	7 50 50	28° 7'56	14° 2	14°35	1°26	27°43	14° 8	9°R14	22°16	18° 7	29° 3	16°43	18°29	13°29	0°18	M19
T 20	7 54 47	29° 9'01	26°36	13°55	2°40	28°27	14°22	9°14	22°13	18° 8	29° 2	16°38	18°26	13°36	0°19	T 20
W21	7 58 43	0♒10'05	9♍20	13°25	3°55	29°11	14°36	9°14	22°11	18° 9	29° 2	16°36	18°22	13°43	0°19	W21
T 22	8 2 40	1°11'09	22°17	13° 5	5°10	29°56	14°50	9°13	22° 9	18°10	29° 1	16°D36	18°19	13°50	0°20	T 22
F 23	8 6 36	2°12'13	5♎26	12°53	6°24	0♈40	15° 4	9°13	22° 6	18°11	29° 1	16°37	18°16	13°56	0°20	F 23
S 24	8 10 33	3°13'16	18°52	12°D50	7°39	1°24	15°19	9°12	22° 4	18°12	29° 0	16°39	18°13	14° 3	0°21	S 24
S 25	8 14 29	4°14'19	2♏33	12°56	8°54	2° 8	15°33	9°12	22° 1	18°13	29° 0	16°R39	18°10	14°10	0°22	S 25
M26	8 18 26	5°15'21	16°33	13° 8	10° 8	2°52	15°47	9°11	21°59	18°14	28°59	16°39	18° 6	14°17	0°23	M26
T 27	8 22 23	6°16'23	0♐50	13°28	11°23	3°36	16° 1	9°10	21°56	18°14	28°59	16°36	18° 3	14°23	0°24	T 27
W28	8 26 19	7°17'25	15°23	13°54	12°38	4°21	16°15	9° 9	21°54	18°15	28°59	16°32	18° 0	14°30	0°25	W28
T 29	8 30 16	8°18'26	0♑ 6	14°26	13°52	5° 5	16°30	9° 8	21°51	18°16	28°58	16°27	17°57	14°37	0°26	T 29
F 30	8 34 12	9°19'27	14°53	15° 3	15° 7	5°49	16°44	9° 7	21°49	18°17	28°58	16°21	17°54	14°43	0°27	F 30
S 31	8 38 9	10♒20'27	29♑37	15♑45	16♑22	6♈33	16♒58	9♎ 6	21♌46	18♏17	28♉58	16♍15	17♍51	14♊50	0♉28	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	23s 4	18s 7	5n 2	20s55	0s28	20s23	1n26	6s52	0s47	18s19	0s37	1s24	2n19	14n35	0n44	15s27	1n43	6n25	13s52	4n33	4n11	17n 5	11n15	0s20
F 2	22 59	18 29	4 47	20 35	0 12	20 36	1 24	6 34	0 46	18 16	0 37	1 25	2 20	14 35	0 44	15 27	1 43	6 25	13 52	4 37	4 12	17 6	11 15	0 20
S 3	22 54	17 33	4 13	20 16	0n 4	20 48	1 22	6 15	0 45	18 12	0 37	1 25	2 20	14 36	0 44	15 28	1 43	6 25	13 52	4 41	4 13	17 7	11 15	0 20
S 4	22 48	15 26	3 22	19 59	0 22	21 0	1 19	5 57	0 44	18 8	0 37	1 26	2 20	14 37	0 44	15 28	1 43	6 25	13 52	4 44	4 15	17 8	11 15	0 20
M 5	22 42	12 24	2 20	19 43	0 40	21 11	1 17	5 39	0 43	18 5	0 37	1 26	2 21	14 37	0 44	15 29	1 43	6 25	13 51	4 47	4 16	17 8	11 15	0 20
T 6	22 35	8 46	1 11	19 29	0 59	21 22	1 15	5 20	0 42	18 1	0 37	1 26	2 21	14 38	0 44	15 29	1 44	6 25	13 51	4 48	4 17	17 9	11 14	0 20
W 7	22 28	4 47	0s 0	19 17	1 19	21 32	1 12	5 2	0 40	17 57	0 37	1 27	2 21	14 38	0 44	15 29	1 44	6 25	13 51	4 48	4 18	17 10	11 14	0 21
T 8	22 21	0 43	1 9	19 7	1 38	21 42	1 10	4 43	0 39	17 54	0 37	1 27	2 21	14 39	0 44	15 30	1 44	6 25	13 51	4 48	4 20	17 11	11 14	0 21
F 9	22 13	3n16	2 12	18 59	1 57	21 51	1 8	4 25	0 38	17 50	0 38	1 27	2 22	14 40	0 44	15 30	1 44	6 25	13 50	4 48	4 21	17 11	11 14	0 21
S 10	22 5	7 0	3 8	18 53	2 15	21 59	1 5	4 7	0 37	17 46	0 38	1 27	2 22	14 40	0 45	15 30	1 44	6 25	13 50	4 48	4 22	17 12	11 14	0 21
S 11	21 56	10 23	3 54	18 50	2 31	22 6	1 2	3 48	0 36	17 42	0 38	1 27	2 22	14 41	0 45	15 30	1 44	6 25	13 50	4 49	4 23	17 13	11 14	0 21
M12	21 47	13 18	4 30	18 48	2 46	22 13	1 0	3 30	0 35	17 38	0 38	1 27	2 23	14 42	0 45	15 31	1 44	6 26	13 50	4 50	4 25	17 14	11 14	0 21
T 13	21 37	15 39	4 53	18 48	2 58	22 20	0 57	3 11	0 34	17 35	0 38	1 27	2 23	14 43	0 45	15 31	1 44	6 26	13 49	4 53	4 26	17 14	11 14	0 21
W14	21 27	17 21	5 4	18 50	3 9	22 25	0 55	2 52	0 33	17 31	0 38	1 27	2 23	14 43	0 45	15 31	1 44	6 26	13 49	4 56	4 27	17 15	11 14	0 21
T 15	21 17	18 18	5 2	18 53	3 16	22 30	0 52	2 34	0 32	17 27	0 38	1 27	2 23	14 44	0 45	15 32	1 44	6 26	13 49	5 0	4 28	17 16	11 14	0 21
F 16	21 6	18 27	4 47	18 57	3 21	22 35	0 49	2 15	0 31	17 23	0 38	1 27	2 24	14 45	0 45	15 32	1 44	6 26	13 49	5 4	4 29	17 17	11 14	0 21
S 17	20 55	17 45	4 18	19 2	3 24	22 38	0 47	1 57	0 30	17 19	0 38	1 27	2 24	14 46	0 45	15 32	1 44	6 26	13 48	5 8	4 31	17 17	11 14	0 21
S 18	20 43	16 14	3 38	19 9	3 24	22 41	0 44	1 38	0 29	17 15	0 38	1 27	2 24	14 46	0 45	15 32	1 44	6 26	13 48	5 12	4 32	17 18	11 14	0 21
M19	20 31	13 57	2 46	19 16	3 23	22 43	0 41	1 20	0 27	17 11	0 38	1 26	2 25	14 47	0 45	15 33	1 44	6 27	13 48	5 14	4 33	17 19	11 14	0 21
T 20	20 19	10 59	1 46	19 23	3 19	22 45	0 39	1 1	0 26	17 7	0 38	1 26	2 25	14 48	0 45	15 33	1 44	6 27	13 47	5 16	4 34	17 19	11 14	0 21
W21	20 6	7 27	0 39	19 32	3 14	22 46	0 36	0 43	0 25	17 3	0 38	1 26	2 25	14 49	0 45	15 33	1 44	6 27	13 47	5 17	4 36	17 20	11 14	0 21
T 22	19 53	3 32	0n31	19 40	3 7	22 46	0 33	0 24	0 24	16 59	0 38	1 25	2 25	14 49	0 45	15 33	1 44	6 27	13 47	5 17	4 37	17 21	11 15	0 21
F 23	19 39	0s38	1 40	19 49	3 0	22 45	0 30	0 6	0 23	16 55	0 38	1 25	2 26	14 50	0 45	15 33	1 44	6 27	13 47	5 17	4 38	17 22	11 15	0 21
S 24	19 25	4 50	2 46	19 57	2 51	22 44	0 28	0n13	0 22	16 51	0 38	1 25	2 26	14 51	0 45	15 34	1 44	6 27	13 46	5 16	4 39	17 22	11 15	0 22
S 25	19 11	8 51	3 43	20 6	2 42	22 42	0 25	0 31	0 21	16 46	0 38	1 24	2 26	14 52	0 45	15 34	1 45	6 28	13 46	5 16	4 41	17 23	11 15	0 22
M26	18 56	12 29	4 29	20 15	2 32	22 40	0 22	0 50	0 20	16 42	0 38	1 23	2 27	14 53	0 45	15 34	1 45	6 28	13 46	5 16	4 42	17 24	11 16	0 22
T 27	18 41	15 26	4 59	20 23	2 22	22 37	0 19	1 8	0 19	16 38	0 38	1 23	2 27	14 54	0 45	15 34	1 45	6 28	13 45	5 17	4 43	17 24	11 16	0 22
W28	18 26	17 29	5 10	20 30	2 12	22 33	0 17	1 27	0 18	16 34	0 39	1 22	2 27	14 54	0 45	15 34	1 45	6 28	13 45	5 19	4 44	17 25	11 16	0 22
T 29	18 10	18 24	5 1	20 38	2 1	22 28	0 14	1 45	0 17	16 30	0 39	1 22	2 27	14 55	0 45	15 34	1 45	6 29	13 45	5 21	4 46	17 26	11 16	0 22
F 30	17 54	18 4	4 33	20 44	1 51	22 23	0 11	2 3	0 16	16 25	0 39	1 21	2 28	14 56	0 45	15 35	1 45	6 29	13 45	5 23	4 47	17 26	11 17	0 22
S 31	17s38	16s32	3n46	20s50	1n40	22s17	0n 8	2n22	0s15	16s21	0s39	1s20	2n28	14n57	0n45	15s35	1n45	6n29	13s44	5n25	4n48	17n27	11n17	0s22

Julian Day Number = 2498295.5, Delta T = 107.79 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'44, Lahiri = 25°38'44

ASTRODIENST EPHEMERIS for the year 2128
geocentric

FEBRUARY 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 42 5	11♒21'26	14♒ 9	16♑31	17♑37	7♈17	17♒12	9°R 4	21°R44	18♏18	28°R58	16°R11	17♍47	14♊57	0♉29	S 1
M 2	8 46 2	12°22'23	28°23	17°22	18°52	8° 1	17°27	9♎ 3	21♌41	18°18	28♉57	16♍ 8	17°44	15° 4	0°30	M 2
T 3	8 49 58	13°23'20	12♓14	18°15	20° 6	8°45	17°41	9° 1	21°39	18°19	28°57	16°D 6	17°41	15°10	0°32	T 3
W 4	8 53 55	14°24'16	25°41	19°12	21°21	9°29	17°55	9° 0	21°36	18°19	28°57	16° 7	17°38	15°17	0°33	W 4
T 5	8 57 52	15°25'10	8♈43	20°12	22°36	10°13	18°10	8°58	21°33	18°20	28°57	16° 8	17°35	15°24	0°35	T 5
F 6	9 1 48	16°26'03	21°23	21°15	23°51	10°56	18°24	8°56	21°31	18°20	28°57	16°10	17°32	15°31	0°36	F 6
S 7	9 5 45	17°26'55	3♉43	22°20	25° 5	11°40	18°38	8°54	21°28	18°21	28°57	16°11	17°28	15°37	0°38	S 7
S 8	9 9 41	18°27'45	15°50	23°27	26°20	12°24	18°53	8°52	21°25	18°21	28°56	16°R12	17°25	15°44	0°39	S 8
M 9	9 13 38	19°28'34	27°47	24°36	27°35	13° 8	19° 7	8°50	21°23	18°22	28°56	16°12	17°22	15°51	0°41	M 9
T 10	9 17 34	20°29'22	9♊39	25°48	28°50	13°52	19°21	8°48	21°20	18°22	28°56	16°10	17°19	15°57	0°42	T 10
W11	9 21 31	21°30'08	21°32	27° 1	0♒ 4	14°35	19°36	8°45	21°18	18°22	28°56	16° 7	17°16	16° 4	0°44	W11
T 12	9 25 27	22°30'52	3♋28	28°16	1°19	15°19	19°50	8°43	21°15	18°22	28°D56	16° 4	17°12	16°11	0°46	T 12
F 13	9 29 24	23°31'35	15°32	29°32	2°34	16° 3	20° 4	8°40	21°12	18°23	28°56	16° 0	17° 9	16°18	0°48	F 13
S 14	9 33 21	24°32'17	27°46	0♒50	3°49	16°46	20°19	8°38	21°10	18°23	28°56	15°56	17° 6	16°24	0°50	S 14
S 15	9 37 17	25°32'57	10♌13	2° 9	5° 4	17°30	20°33	8°35	21° 7	18°23	28°56	15°53	17° 3	16°31	0°52	S 15
M16	9 41 14	26°33'36	22°52	3°30	6°18	18°13	20°47	8°32	21° 4	18°23	28°56	15°51	17° 0	16°38	0°54	M16
T 17	9 45 10	27°34'13	5♍46	4°52	7°33	18°57	21° 2	8°29	21° 2	18°23	28°57	15°49	16°57	16°44	0°56	T 17
W18	9 49 7	28°34'48	18°53	6°15	8°48	19°40	21°16	8°26	20°59	18°23	28°57	15°D49	16°53	16°51	0°58	W18
T 19	9 53 3	29°35'23	2♎13	7°39	10° 3	20°24	21°30	8°23	20°57	18°R23	28°57	15°50	16°50	16°58	1° 0	T 19
F 20	9 57 0	0♓35'56	15°45	9° 4	11°17	21° 7	21°44	8°20	20°54	18°23	28°57	15°51	16°47	17° 5	1° 2	F 20
S 21	10 0 56	1°36'27	29°28	10°31	12°32	21°51	21°59	8°17	20°51	18°23	28°57	15°52	16°44	17°11	1° 4	S 21
S 22	10 4 53	2°36'58	13♏21	11°58	13°47	22°34	22°13	8°13	20°49	18°23	28°57	15°53	16°41	17°18	1° 7	S 22
M23	10 8 50	3°37'27	27°24	13°27	15° 2	23°17	22°27	8°10	20°46	18°23	28°58	15°R54	16°38	17°25	1° 9	M23
T 24	10 12 46	4°37'55	11♐34	14°56	16°16	24° 1	22°41	8° 7	20°44	18°23	28°58	15°54	16°34	17°32	1°11	T 24
W25	10 16 43	5°38'22	25°50	16°27	17°31	24°44	22°56	8° 3	20°41	18°23	28°58	15°53	16°31	17°38	1°14	W25
T 26	10 20 39	6°38'48	10♑ 8	17°59	18°46	25°27	23°10	7°59	20°39	18°22	28°58	15°52	16°28	17°45	1°16	T 26
F 27	10 24 36	7°39'12	24°27	19°31	20° 1	26°10	23°24	7°56	20°36	18°22	28°59	15°51	16°25	17°52	1°19	F 27
S 28	10 28 32	8°39'34	8♒40	21° 5	21°16	26°53	23°38	7°52	20°34	18°22	28°59	15°50	16°22	17°58	1°21	S 28
S 29	10 32 29	9♓39'55	22♒45	22♒40	22♒30	27♈37	23♒52	7♎48	20♌31	18♏22	28♉59	15♍50	16♍18	18♊ 5	1♉24	S 29

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	17s21	13s56	2n45	20s55	1n29	22s10	0n 6	2n40	0s14	16s17	0s39	1s19	2n28	14n58	0n45	15s35	1n45	6n29	13s44	5n27	4n49	17n28	11n17	0s22
M 2	17 5	10 32	1 35	21 0	1 19	22 3	0 3	2 58	0 13	16 13	0 39	1 19	2 28	14 59	0 45	15 35	1 45	6 30	13 44	5 28	4 51	17 28	11 18	0 22
T 3	16 47	6 38	0 21	21 3	1 8	21 55	0 0	3 16	0 12	16 8	0 39	1 18	2 29	14 59	0 45	15 35	1 45	6 30	13 43	5 29	4 52	17 29	11 18	0 22
W 4	16 30	2 31	0s52	21 6	0 58	21 46	0s 2	3 35	0 12	16 4	0 39	1 17	2 29	15 0	0 45	15 35	1 45	6 30	13 43	5 29	4 53	17 30	11 19	0 22
T 5	16 12	1n36	2 1	21 7	0 48	21 37	0 5	3 53	0 11	16 0	0 39	1 16	2 29	15 1	0 45	15 35	1 45	6 30	13 43	5 28	4 54	17 31	11 19	0 22
F 6	15 54	5 32	3 1	21 8	0 38	21 27	0 8	4 11	0 10	15 55	0 39	1 15	2 29	15 2	0 45	15 35	1 45	6 31	13 42	5 27	4 56	17 31	11 20	0 22
S 7	15 36	9 7	3 52	21 7	0 28	21 16	0 10	4 29	0 9	15 51	0 39	1 14	2 30	15 3	0 45	15 35	1 45	6 31	13 42	5 27	4 57	17 32	11 20	0 22
S 8	15 17	12 14	4 31	21 5	0 18	21 5	0 13	4 47	0 8	15 47	0 39	1 13	2 30	15 4	0 45	15 35	1 45	6 31	13 42	5 26	4 58	17 33	11 21	0 22
M 9	14 58	14 49	4 58	21 2	0 9	20 53	0 16	5 4	0 7	15 42	0 39	1 12	2 30	15 5	0 45	15 35	1 45	6 31	13 41	5 27	4 59	17 33	11 21	0 22
T 10	14 39	16 44	5 12	20 58	0s 0	20 40	0 18	5 22	0 6	15 38	0 39	1 11	2 31	15 5	0 45	15 35	1 45	6 32	13 41	5 27	5 0	17 34	11 22	0 22
W11	14 20	17 57	5 12	20 53	0 9	20 27	0 21	5 40	0 5	15 33	0 40	1 9	2 31	15 6	0 45	15 36	1 46	6 32	13 41	5 28	5 2	17 34	11 22	0 23
T 12	14 0	18 23	5 0	20 47	0 18	20 14	0 23	5 58	0 4	15 29	0 40	1 8	2 31	15 7	0 45	15 36	1 46	6 32	13 40	5 30	5 3	17 35	11 23	0 23
F 13	13 40	17 59	4 33	20 39	0 26	19 59	0 26	6 15	0 3	15 24	0 40	1 7	2 31	15 8	0 45	15 36	1 46	6 33	13 40	5 31	5 4	17 36	11 23	0 23
S 14	13 20	16 46	3 54	20 31	0 34	19 44	0 28	6 33	0 2	15 20	0 40	1 6	2 31	15 9	0 45	15 36	1 46	6 33	13 40	5 33	5 5	17 36	11 24	0 23
S 15	13 0	14 43	3 4	20 21	0 42	19 29	0 31	6 50	0 2	15 16	0 40	1 5	2 32	15 10	0 45	15 36	1 46	6 33	13 40	5 34	5 7	17 37	11 25	0 23
M16	12 39	11 56	2 3	20 10	0 50	19 13	0 33	7 8	0 1	15 11	0 40	1 3	2 32	15 10	0 45	15 35	1 46	6 34	13 39	5 35	5 8	17 38	11 25	0 23
T 17	12 18	8 32	0 55	19 57	0 57	18 56	0 35	7 25	0n 0	15 7	0 40	1 2	2 32	15 11	0 45	15 35	1 46	6 34	13 39	5 35	5 9	17 38	11 26	0 23
W18	11 58	4 39	0n17	19 43	1 4	18 39	0 38	7 42	0 1	15 2	0 40	1 0	2 32	15 12	0 45	15 35	1 46	6 34	13 39	5 35	5 10	17 39	11 27	0 23
T 19	11 36	0 29	1 29	19 28	1 10	18 21	0 40	8 0	0 2	14 58	0 40	0 59	2 33	15 13	0 45	15 35	1 46	6 35	13 38	5 35	5 12	17 40	11 27	0 23
F 20	11 15	3s46	2 38	19 12	1 17	18 3	0 42	8 17	0 3	14 53	0 40	0 58	2 33	15 14	0 45	15 35	1 46	6 35	13 38	5 35	5 13	17 40	11 28	0 23
S 21	10 54	7 52	3 39	18 55	1 23	17 44	0 44	8 34	0 4	14 49	0 40	0 56	2 33	15 15	0 45	15 35	1 46	6 35	13 38	5 34	5 14	17 41	11 29	0 23
S 22	10 32	11 35	4 27	18 36	1 28	17 25	0 47	8 50	0 4	14 44	0 41	0 55	2 33	15 15	0 45	15 35	1 46	6 36	13 37	5 34	5 15	17 42	11 29	0 23
M23	10 10	14 41	5 0	18 16	1 34	17 5	0 49	9 7	0 5	14 39	0 41	0 53	2 33	15 16	0 45	15 35	1 46	6 36	13 37	5 34	5 17	17 42	11 30	0 23
T 24	9 48	16 56	5 16	17 55	1 39	16 45	0 51	9 24	0 6	14 35	0 41	0 52	2 34	15 17	0 45	15 35	1 46	6 36	13 37	5 34	5 18	17 43	11 31	0 23
W25	9 26	18 10	5 12	17 32	1 43	16 24	0 53	9 41	0 7	14 30	0 41	0 50	2 34	15 18	0 45	15 35	1 46	6 37	13 36	5 34	5 19	17 43	11 32	0 23
T 26	9 4	18 14	4 49	17 8	1 48	16 3	0 55	9 57	0 8	14 26	0 41	0 48	2 34	15 19	0 45	15 35	1 46	6 37	13 36	5 34	5 20	17 44	11 32	0 23
F 27	8 42	17 9	4 8	16 43	1 52	15 42	0 57	10 14	0 8	14 21	0 41	0 47	2 34	15 19	0 45	15 35	1 46	6 37	13 36	5 34	5 21	17 45	11 33	0 23
S 28	8 19	15 0	3 12	16 17	1 55	15 20	0 59	10 30	0 9	14 17	0 41	0 45	2 34	15 20	0 45	15 34	1 47	6 38	13 35	5 35	5 23	17 45	11 34	0 23
S 29	7s56	11s58	2n 5	15s49	1s59	14s57	1s 0	10n46	0n10	14s12	0s41	0s43	2n35	15n21	0n45	15s34	1n47	6n38	13s35	5n35	5n24	17n46	11n35	0s24

Julian Day Number = 2498326.5, Delta T = 107.84 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'48, Lahiri = 25°38'48

ASTRODIENST EPHEMERIS for the year 2128
geocentric

MARCH 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 36 25	10♓40'15	6♓36	24♒15	23♒45	28♈20	24♒ 6	7°R44	20°R29	18°R21	29♉ 0	15°R49	16♍15	18♊12	1♉26	M 1
T 2	10 40 22	11°40'33	20°12	25°52	25° 0	29° 3	24°20	7♎40	20♌26	18♏21	29° 0	15°D49	16°12	18°19	1°29	T 2
W 3	10 44 19	12°40'48	3♈29	27°30	26°14	29°46	24°34	7°36	20°24	18°20	29° 0	15♍49	16° 9	18°25	1°32	W 3
T 4	10 48 15	13°41'02	16°27	29° 9	27°29	0♉29	24°48	7°32	20°22	18°20	29° 1	15°50	16° 6	18°32	1°34	T 4
F 5	10 52 12	14°41'14	29° 6	0♓48	28°44	1°12	25° 2	7°28	20°19	18°20	29° 1	15°50	16° 3	18°39	1°37	F 5
S 6	10 56 8	15°41'24	11♉29	2°29	29°59	1°54	25°16	7°24	20°17	18°19	29° 2	15°R50	15°59	18°45	1°40	S 6
S 7	11 0 5	16°41'32	23°38	4°11	1♓13	2°37	25°30	7°20	20°15	18°18	29° 2	15°50	15°56	18°52	1°43	S 7
M 8	11 4 1	17°41'38	5♊37	5°54	2°28	3°20	25°44	7°16	20°13	18°18	29° 3	15°50	15°53	18°59	1°46	M 8
T 9	11 7 58	18°41'42	17°31	7°38	3°43	4° 3	25°58	7°11	20°10	18°17	29° 3	15°D50	15°50	19° 6	1°49	T 9
W10	11 11 54	19°41'44	29°24	9°23	4°57	4°46	26°11	7° 7	20° 8	18°17	29° 4	15°50	15°47	19°12	1°52	W10
T 11	11 15 51	20°41'44	11♋20	11°10	6°12	5°28	26°25	7° 3	20° 6	18°16	29° 5	15°50	15°44	19°19	1°55	T 11
F 12	11 19 47	21°41'41	23°25	12°57	7°27	6°11	26°39	6°58	20° 4	18°15	29° 5	15°51	15°40	19°26	1°58	F 12
S 13	11 23 44	22°41'36	5♌43	14°46	8°41	6°54	26°52	6°54	20° 2	18°15	29° 6	15°51	15°37	19°33	2° 1	S 13
S 14	11 27 41	23°41'29	18°16	16°35	9°56	7°36	27° 6	6°49	20° 0	18°14	29° 6	15°52	15°34	19°39	2° 4	S 14
M15	11 31 37	24°41'20	1♍ 7	18°26	11°11	8°19	27°20	6°45	19°58	18°13	29° 7	15°53	15°31	19°46	2° 7	M15
T 16	11 35 34	25°41'09	14°17	20°18	12°25	9° 1	27°33	6°40	19°56	18°12	29° 8	15°R53	15°28	19°53	2°10	T 16
W17	11 39 30	26°40'56	27°47	22°11	13°40	9°44	27°46	6°35	19°54	18°11	29° 8	15°53	15°24	19°59	2°13	W17
T 18	11 43 27	27°40'41	11♎33	24° 5	14°54	10°26	28° 0	6°31	19°52	18°11	29° 9	15°52	15°21	20° 6	2°17	T 18
F 19	11 47 23	28°40'24	25°34	26° 1	16° 9	11° 8	28°13	6°26	19°50	18°10	29°10	15°51	15°18	20°13	2°20	F 19
S 20	11 51 20	29°40'05	9♏45	27°57	17°24	11°51	28°27	6°22	19°48	18° 9	29°11	15°49	15°15	20°20	2°23	S 20
S 21	11 55 16	0♈39'45	24° 2	29°55	18°38	12°33	28°40	6°17	19°46	18° 8	29°11	15°47	15°12	20°26	2°26	S 21
M22	11 59 13	1°39'23	8♐21	1♈53	19°53	13°15	28°53	6°12	19°44	18° 7	29°12	15°45	15° 9	20°33	2°30	M22
T 23	12 3 10	2°38'59	22°38	3°52	21° 7	13°58	29° 6	6° 7	19°43	18° 6	29°13	15°44	15° 5	20°40	2°33	T 23
W24	12 7 6	3°38'33	6♑50	5°53	22°22	14°40	29°19	6° 3	19°41	18° 5	29°14	15°D44	15° 2	20°46	2°36	W24
T 25	12 11 3	4°38'06	20°56	7°53	23°36	15°22	29°32	5°58	19°39	18° 4	29°15	15°45	14°59	20°53	2°40	T 25
F 26	12 14 59	5°37'37	4♒52	9°55	24°51	16° 4	29°45	5°53	19°38	18° 3	29°15	15°46	14°56	21° 0	2°43	F 26
S 27	12 18 56	6°37'06	18°39	11°56	26° 5	16°46	29°58	5°49	19°36	18° 2	29°16	15°47	14°53	21° 7	2°47	S 27
S 28	12 22 52	7°36'33	2♓15	13°58	27°20	17°28	0♓11	5°44	19°35	18° 0	29°17	15°49	14°49	21°13	2°50	S 28
M29	12 26 49	8°35'59	15°39	16° 0	28°34	18°10	0°24	5°39	19°33	17°59	29°18	15°R49	14°46	21°20	2°54	M29
T 30	12 30 45	9°35'22	28°51	18° 1	29°49	18°52	0°37	5°35	19°32	17°58	29°19	15°49	14°43	21°27	2°57	T 30
W31	12 34 42	10♈34'43	11♈50	20♈ 2	1♈ 3	19♉34	0♓49	5♎30	19♌30	17♏57	29♉20	15♍47	14♍40	21♊34	3♉ 1	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	7s34	8s18	0n51	15s20	2s 1	14s34	1s 2	11n 2	0n11	14s 8	0s41	0s42	2n35	15n22	0n45	15s34	1n47	6n39	13s35	5n35	5n25	17n46	11n36	0s24
T 2	7 11	4 15	0s24	14 50	2 4	14 11	1 4	11 18	0 11	14 3	0 41	0 40	2 35	15 22	0 45	15 34	1 47	6 39	13 35	5 35	5 26	17 47	11 37	0 24
W 3	6 48	0 6	1 36	14 18	2 6	13 47	1 6	11 34	0 12	13 58	0 42	0 38	2 35	15 23	0 45	15 34	1 47	6 39	13 34	5 35	5 28	17 48	11 38	0 24
T 4	6 25	3n58	2 42	13 46	2 8	13 23	1 7	11 50	0 13	13 54	0 42	0 37	2 35	15 24	0 45	15 34	1 47	6 40	13 34	5 35	5 29	17 48	11 38	0 24
F 5	6 2	7 45	3 38	13 12	2 9	12 59	1 9	12 6	0 14	13 49	0 42	0 35	2 35	15 25	0 45	15 33	1 47	6 40	13 34	5 35	5 30	17 49	11 39	0 24
S 6	5 38	11 6	4 22	12 36	2 10	12 34	1 10	12 21	0 14	13 45	0 42	0 33	2 36	15 25	0 45	15 33	1 47	6 41	13 33	5 35	5 31	17 49	11 40	0 24
S 7	5 15	13 55	4 54	12 0	2 11	12 9	1 12	12 37	0 15	13 40	0 42	0 31	2 36	15 26	0 45	15 33	1 47	6 41	13 33	5 35	5 33	17 50	11 41	0 24
M 8	4 52	16 6	5 12	11 22	2 11	11 43	1 13	12 52	0 16	13 36	0 42	0 29	2 36	15 27	0 45	15 33	1 47	6 41	13 33	5 35	5 34	17 51	11 42	0 24
T 9	4 28	17 34	5 17	10 43	2 10	11 18	1 14	13 7	0 17	13 31	0 42	0 28	2 36	15 28	0 45	15 33	1 47	6 42	13 32	5 35	5 35	17 51	11 43	0 24
W10	4 5	18 17	5 8	10 3	2 10	10 52	1 16	13 22	0 17	13 27	0 42	0 26	2 36	15 28	0 45	15 32	1 47	6 42	13 32	5 35	5 36	17 52	11 44	0 24
T 11	3 41	18 11	4 46	9 21	2 8	10 25	1 17	13 37	0 18	13 22	0 42	0 24	2 36	15 29	0 45	15 32	1 47	6 43	13 32	5 35	5 37	17 52	11 45	0 24
F 12	3 17	17 15	4 12	8 38	2 7	9 59	1 18	13 52	0 19	13 17	0 43	0 22	2 36	15 30	0 45	15 32	1 47	6 43	13 32	5 35	5 39	17 53	11 46	0 24
S 13	2 54	15 31	3 25	7 55	2 4	9 32	1 19	14 7	0 19	13 13	0 43	0 20	2 37	15 30	0 45	15 32	1 47	6 43	13 31	5 34	5 40	17 53	11 47	0 24
S 14	2 30	13 0	2 27	7 9	2 2	9 4	1 20	14 21	0 20	13 8	0 43	0 18	2 37	15 31	0 45	15 31	1 47	6 44	13 31	5 34	5 41	17 54	11 48	0 24
M15	2 7	9 48	1 21	6 23	1 58	8 37	1 21	14 36	0 21	13 4	0 43	0 17	2 37	15 31	0 45	15 31	1 47	6 44	13 31	5 34	5 42	17 55	11 49	0 24
T 16	1 43	6 3	0 9	5 36	1 55	8 9	1 22	14 50	0 22	12 59	0 43	0 15	2 37	15 32	0 45	15 31	1 47	6 45	13 30	5 34	5 44	17 55	11 50	0 24
W17	1 19	1 53	1n 5	4 47	1 50	7 41	1 23	15 4	0 22	12 55	0 43	0 13	2 37	15 33	0 45	15 31	1 48	6 45	13 30	5 34	5 45	17 56	11 51	0 25
T 18	0 55	2s27	2 17	3 58	1 46	7 13	1 23	15 18	0 23	12 50	0 43	0 11	2 37	15 33	0 45	15 30	1 48	6 45	13 30	5 34	5 46	17 56	11 52	0 25
F 19	0 32	6 44	3 22	3 7	1 40	6 45	1 24	15 32	0 24	12 46	0 44	0 9	2 37	15 34	0 45	15 30	1 48	6 46	13 30	5 35	5 47	17 57	11 53	0 25
S 20	0 8	10 41	4 16	2 16	1 35	6 17	1 25	15 46	0 24	12 41	0 44	0 7	2 37	15 34	0 45	15 30	1 48	6 46	13 29	5 35	5 49	17 57	11 54	0 25
S 21	0n16	14 1	4 53	1 23	1 28	5 48	1 25	15 59	0 25	12 37	0 44	0 5	2 37	15 35	0 45	15 29	1 48	6 47	13 29	5 36	5 50	17 58	11 55	0 25
M22	0 40	16 31	5 13	0 30	1 21	5 19	1 26	16 13	0 25	12 32	0 44	0 3	2 37	15 35	0 45	15 29	1 48	6 47	13 29	5 37	5 51	17 58	11 56	0 25
T 23	1 3	18 0	5 13	0n25	1 14	4 50	1 26	16 26	0 26	12 28	0 44	0 1	2 37	15 36	0 45	15 29	1 48	6 47	13 28	5 37	5 52	17 59	11 57	0 25
W24	1 27	18 20	4 55	1 19	1 6	4 21	1 27	16 39	0 27	12 23	0 44	0n 1	2 37	15 36	0 45	15 29	1 48	6 48	13 28	5 37	5 53	18 0	11 59	0 25
T 25	1 50	17 32	4 18	2 15	0 57	3 52	1 27	16 52	0 27	12 19	0 44	0 3	2 37	15 37	0 45	15 28	1 48	6 48	13 28	5 37	5 55	18 0	12 0	0 25
F 26	2 14	15 41	3 27	3 11	0 48	3 23	1 27	17 5	0 28	12 15	0 44	0 4	2 37	15 37	0 45	15 28	1 48	6 49	13 28	5 37	5 56	18 1	12 1	0 25
S 27	2 38	12 56	2 24	4 7	0 39	2 53	1 27	17 17	0 29	12 10	0 45	0 6	2 38	15 38	0 45	15 27	1 48	6 49	13 27	5 36	5 57	18 1	12 2	0 25
S 28	3 1	9 31	1 14	5 4	0 29	2 24	1 28	17 30	0 29	12 6	0 45	0 8	2 38	15 38	0 45	15 27	1 48	6 50	13 27	5 35	5 58	18 2	12 3	0 25
M29	3 24	5 38	0 1	6 0	0 19	1 54	1 28	17 42	0 30	12 1	0 45	0 10	2 38	15 39	0 44	15 27	1 48	6 50	13 27	5 35	6 0	18 2	12 4	0 25
T 30	3 48	1 33	1s11	6 56	0 8	1 25	1 28	17 54	0 30	11 57	0 45	0 12	2 38	15 39	0 44	15 26	1 48	6 50	13 27	5 36	6 1	18 3	12 5	0 25
W31	4n11	2n33	2s18	7n52	0n 3	0s55	1s28	18n 6	0n31	11s53	0s45	0n14	2n38	15n40	0n44	15s26	1n48	6n51	13s26	5n36	6n 2	18n 3	12n 6	0s25

Julian Day Number = 2498355.5, Delta T = 107.89 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'52, Lahiri = 25°38'52

ASTRODIENST EPHEMERIS for the year 2128
geocentric

APRIL 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 39	11♈34'03	24♈34	22♈ 1	2♈18	20♉16	1♓ 2	5°R25	19°R29	17°R56	29♉21	15°R44	14♍37	21♊40	3♉ 4	T 1
F 2	12 42 35	12°33'20	7♉ 6	24° 0	3°32	20°58	1°14	5♎21	19♌28	17♏54	29°22	15♍39	14°34	21°47	3° 8	F 2
S 3	12 46 32	13°32'35	19°24	25°56	4°47	21°39	1°27	5°16	19°27	17°53	29°23	15°35	14°30	21°54	3°11	S 3
S 4	12 50 28	14°31'48	1♊31	27°50	6° 1	22°21	1°39	5°11	19°25	17°52	29°24	15°30	14°27	22° 0	3°15	S 4
M 5	12 54 25	15°30'59	13°30	29°42	7°16	23° 3	1°52	5° 7	19°24	17°51	29°25	15°25	14°24	22° 7	3°18	M 5
T 6	12 58 21	16°30'08	25°24	1♉31	8°30	23°45	2° 4	5° 2	19°23	17°49	29°26	15°22	14°21	22°14	3°22	T 6
W 7	13 2 18	17°29'14	7♋16	3°17	9°44	24°26	2°16	4°57	19°22	17°48	29°27	15°20	14°18	22°21	3°26	W 7
T 8	13 6 14	18°28'18	19°11	4°59	10°59	25° 8	2°28	4°53	19°21	17°47	29°28	15°D19	14°15	22°27	3°29	T 8
F 9	13 10 11	19°27'20	1♌15	6°37	12°13	25°49	2°40	4°48	19°20	17°45	29°29	15°20	14°11	22°34	3°33	F 9
S 10	13 14 8	20°26'19	13°31	8°11	13°28	26°31	2°52	4°44	19°19	17°44	29°30	15°22	14° 8	22°41	3°37	S 10
S 11	13 18 4	21°25'16	26° 5	9°40	14°42	27°12	3° 4	4°40	19°18	17°42	29°31	15°23	14° 5	22°47	3°40	S 11
M12	13 22 1	22°24'11	9♍ 0	11° 4	15°56	27°54	3°16	4°35	19°18	17°41	29°32	15°R24	14° 2	22°54	3°44	M12
T 13	13 25 57	23°23'03	22°19	12°24	17°10	28°35	3°27	4°31	19°17	17°39	29°33	15°24	13°59	23° 1	3°48	T 13
W14	13 29 54	24°21'54	6♎ 2	13°38	18°25	29°17	3°39	4°27	19°16	17°38	29°35	15°23	13°55	23° 8	3°52	W14
T 15	13 33 50	25°20'42	20° 9	14°46	19°39	29°58	3°50	4°22	19°16	17°37	29°36	15°19	13°52	23°14	3°55	T 15
F 16	13 37 47	26°19'28	4♏36	15°49	20°53	0♊39	4° 2	4°18	19°15	17°35	29°37	15°14	13°49	23°21	3°59	F 16
S 17	13 41 43	27°18'13	19°15	16°46	22° 7	1°20	4°13	4°14	19°15	17°34	29°38	15° 8	13°46	23°28	4° 3	S 17
S 18	13 45 40	28°16'55	4♐ 1	17°37	23°22	2° 2	4°24	4°10	19°14	17°32	29°39	15° 1	13°43	23°35	4° 6	S 18
M19	13 49 36	29°15'36	18°45	18°23	24°36	2°43	4°35	4° 6	19°14	17°31	29°40	14°55	13°40	23°41	4°10	M19
T 20	13 53 33	0♉14'15	3♑20	19° 2	25°50	3°24	4°46	4° 2	19°13	17°29	29°42	14°51	13°36	23°48	4°14	T 20
W21	13 57 30	1°12'53	17°41	19°35	27° 4	4° 5	4°57	3°58	19°13	17°27	29°43	14°48	13°33	23°55	4°18	W21
T 22	14 1 26	2°11'29	1♒46	20° 3	28°19	4°46	5° 8	3°54	19°13	17°26	29°44	14°D47	13°30	24° 1	4°22	T 22
F 23	14 5 23	3°10'03	15°34	20°24	29°33	5°27	5°19	3°50	19°13	17°24	29°45	14°48	13°27	24° 8	4°25	F 23
S 24	14 9 19	4° 8'35	29° 5	20°39	0♉47	6° 8	5°29	3°47	19°12	17°23	29°46	14°49	13°24	24°15	4°29	S 24
S 25	14 13 16	5° 7'06	12♓20	20°48	2° 1	6°49	5°40	3°43	19°12	17°21	29°48	14°R50	13°20	24°22	4°33	S 25
M26	14 17 12	6° 5'36	25°22	20°R52	3°15	7°30	5°50	3°39	19°D12	17°20	29°49	14°49	13°17	24°28	4°37	M26
T 27	14 21 9	7° 4'03	8♈12	20°49	4°29	8°11	6° 1	3°36	19°12	17°18	29°50	14°47	13°14	24°35	4°40	T 27
W28	14 25 5	8° 2'29	20°50	20°41	5°43	8°52	6°11	3°32	19°12	17°16	29°51	14°42	13°11	24°42	4°44	W28
T 29	14 29 2	9° 0'53	3♉18	20°29	6°58	9°32	6°21	3°29	19°12	17°15	29°53	14°34	13° 8	24°48	4°48	T 29
F 30	14 32 59	9♉59'15	15♉37	20♉11	8♉12	10♊13	6♓31	3♎25	19♌13	17♏13	29♉54	14♍25	13♍ 5	24♊55	4♉52	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	4n34	6n28	3s17	8n48	0n14	0s25	1s27	18n18	0n32	11s48	0s45	0n16	2n38	15n40	0n44	15s26	1n48	6n51	13s26	5n37	6n 3	18n 4	12n 8	0s25
F 2	4 57	10 0	4 5	9 42	0 26	0n 4	1 27	18 30	0 32	11 44	0 46	0 18	2 38	15 40	0 44	15 25	1 48	6 52	13 26	5 39	6 4	18 4	12 9	0 26
S 3	5 20	13 3	4 41	10 36	0 38	0 34	1 27	18 41	0 33	11 40	0 46	0 19	2 38	15 41	0 44	15 25	1 48	6 52	13 26	5 41	6 6	18 5	12 10	0 26
S 4	5 43	15 30	5 3	11 28	0 49	1 4	1 27	18 53	0 33	11 36	0 46	0 21	2 38	15 41	0 44	15 25	1 48	6 53	13 26	5 43	6 7	18 5	12 11	0 26
M 5	6 6	17 14	5 12	12 19	1 1	1 34	1 26	19 4	0 34	11 31	0 46	0 23	2 38	15 41	0 44	15 24	1 48	6 53	13 25	5 44	6 8	18 6	12 12	0 26
T 6	6 29	18 13	5 8	13 8	1 13	2 3	1 26	19 15	0 34	11 27	0 46	0 25	2 38	15 42	0 44	15 24	1 48	6 53	13 25	5 46	6 9	18 6	12 13	0 26
W 7	6 52	18 24	4 50	13 55	1 24	2 33	1 25	19 26	0 35	11 23	0 46	0 27	2 38	15 42	0 44	15 23	1 48	6 54	13 25	5 47	6 11	18 7	12 15	0 26
T 8	7 14	17 46	4 20	14 40	1 35	3 3	1 25	19 36	0 35	11 19	0 47	0 28	2 37	15 42	0 44	15 23	1 48	6 54	13 25	5 47	6 12	18 7	12 16	0 26
F 9	7 36	16 19	3 38	15 23	1 46	3 32	1 24	19 47	0 36	11 15	0 47	0 30	2 37	15 43	0 44	15 23	1 48	6 55	13 24	5 46	6 13	18 8	12 17	0 26
S 10	7 59	14 7	2 45	16 3	1 56	4 2	1 23	19 57	0 37	11 10	0 47	0 32	2 37	15 43	0 44	15 22	1 48	6 55	13 24	5 46	6 14	18 8	12 18	0 26
S 11	8 21	11 12	1 43	16 41	2 5	4 31	1 22	20 7	0 37	11 6	0 47	0 33	2 37	15 43	0 44	15 22	1 48	6 55	13 24	5 45	6 15	18 9	12 19	0 26
M12	8 43	7 39	0 35	17 16	2 14	5 1	1 22	20 17	0 38	11 2	0 47	0 35	2 37	15 43	0 44	15 21	1 49	6 56	13 24	5 45	6 17	18 9	12 20	0 26
T 13	9 5	3 37	0n37	17 49	2 23	5 30	1 21	20 27	0 38	10 58	0 47	0 37	2 37	15 43	0 44	15 21	1 49	6 56	13 24	5 45	6 18	18 10	12 22	0 26
W14	9 26	0s43	1 50	18 18	2 30	5 59	1 20	20 36	0 39	10 54	0 48	0 38	2 37	15 44	0 44	15 20	1 49	6 57	13 23	5 46	6 19	18 10	12 23	0 26
T 15	9 48	5 8	2 57	18 45	2 37	6 28	1 19	20 46	0 39	10 50	0 48	0 40	2 37	15 44	0 44	15 20	1 49	6 57	13 23	5 47	6 20	18 11	12 24	0 26
F 16	10 9	9 21	3 55	19 9	2 43	6 57	1 18	20 55	0 40	10 46	0 48	0 42	2 37	15 44	0 44	15 20	1 49	6 57	13 23	5 49	6 22	18 11	12 25	0 26
S 17	10 30	13 4	4 38	19 31	2 48	7 25	1 17	21 4	0 40	10 42	0 48	0 43	2 37	15 44	0 44	15 19	1 49	6 58	13 23	5 51	6 23	18 12	12 26	0 27
S 18	10 51	15 58	5 3	19 49	2 51	7 54	1 15	21 13	0 41	10 38	0 48	0 45	2 37	15 44	0 44	15 19	1 49	6 58	13 23	5 54	6 24	18 12	12 28	0 27
M19	11 12	17 50	5 8	20 4	2 54	8 22	1 14	21 21	0 41	10 34	0 49	0 46	2 37	15 44	0 44	15 18	1 49	6 59	13 23	5 56	6 25	18 12	12 29	0 27
T 20	11 33	18 30	4 53	20 17	2 56	8 51	1 13	21 30	0 42	10 31	0 49	0 48	2 37	15 44	0 44	15 18	1 49	6 59	13 22	5 58	6 26	18 13	12 30	0 27
W21	11 53	17 58	4 20	20 26	2 56	9 19	1 12	21 38	0 42	10 27	0 49	0 49	2 37	15 44	0 44	15 17	1 49	6 59	13 22	5 59	6 28	18 13	12 31	0 27
T 22	12 14	16 19	3 31	20 33	2 55	9 46	1 10	21 46	0 43	10 23	0 49	0 51	2 36	15 44	0 44	15 17	1 49	7 0	13 22	5 59	6 29	18 14	12 32	0 27
F 23	12 34	13 45	2 31	20 37	2 53	10 14	1 9	21 54	0 43	10 19	0 49	0 52	2 36	15 45	0 44	15 16	1 49	7 0	13 22	5 59	6 30	18 14	12 34	0 27
S 24	12 53	10 28	1 24	20 38	2 50	10 41	1 7	22 2	0 43	10 15	0 49	0 53	2 36	15 45	0 44	15 16	1 49	7 1	13 22	5 59	6 31	18 15	12 35	0 27
S 25	13 13	6 43	0 13	20 36	2 45	11 8	1 6	22 9	0 44	10 12	0 50	0 55	2 36	15 45	0 44	15 16	1 49	7 1	13 22	5 58	6 33	18 15	12 36	0 27
M26	13 32	2 42	0s56	20 31	2 39	11 35	1 4	22 16	0 44	10 8	0 50	0 56	2 36	15 45	0 44	15 15	1 49	7 1	13 21	5 58	6 34	18 16	12 37	0 27
T 27	13 52	1n23	2 2	20 23	2 32	12 2	1 2	22 23	0 45	10 5	0 50	0 57	2 36	15 44	0 44	15 15	1 49	7 2	13 21	5 59	6 35	18 16	12 38	0 27
W28	14 11	5 20	3 1	20 12	2 23	12 28	1 1	22 30	0 45	10 1	0 50	0 59	2 36	15 44	0 43	15 14	1 49	7 2	13 21	6 1	6 36	18 17	12 40	0 27
T 29	14 29	9 0	3 50	19 59	2 13	12 54	0 59	22 37	0 46	9 57	0 50	1 0	2 36	15 44	0 43	15 14	1 49	7 3	13 21	6 4	6 37	18 17	12 41	0 27
F 30	14n48	12n14	4s27	19n44	2n 2	13n19	0s57	22n43	0n46	9s54	0s51	1n 1	2n35	15n44	0n43	15s13	1n49	7n 3	13s21	6n 8	6n39	18n17	12n42	0s28

Julian Day Number = 2498386.5, Delta T = 107.94 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°31'56, Lahiri = 25°38'57

ASTRODIENST EPHEMERIS for the year 2128
geocentric

MAY 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 55	10♉57'36	27♉47	19°R49	9♉26	10♊54	6♓41	3°R22	19♌13	17°R12	29♉55	14°R14	13♍ 1	25♊ 2	4♉55	S 1
S 2	14 40 52	11°55'54	9♊49	19♉22	10°40	11°35	6°51	3♎19	19°13	17♏10	29°57	14♍ 3	12°58	25° 9	4°59	S 2
M 3	14 44 48	12°54'11	21°45	18°53	11°54	12°15	7° 0	3°16	19°13	17° 8	29°58	13°53	12°55	25°15	5° 3	M 3
T 4	14 48 45	13°52'26	3♋36	18°20	13° 8	12°56	7°10	3°13	19°14	17° 7	29°59	13°45	12°52	25°22	5° 7	T 4
W 5	14 52 41	14°50'39	15°27	17°45	14°22	13°37	7°19	3°10	19°14	17° 5	0♊ 0	13°38	12°49	25°29	5°10	W 5
T 6	14 56 38	15°48'50	27°21	17° 9	15°36	14°17	7°28	3° 7	19°15	17° 3	0° 2	13°34	12°46	25°36	5°14	T 6
F 7	15 0 34	16°46'59	9♌22	16°31	16°50	14°58	7°38	3° 4	19°15	17° 2	0° 3	13°32	12°42	25°42	5°18	F 7
S 8	15 4 31	17°45'06	21°35	15°53	18° 4	15°38	7°47	3° 2	19°16	17° 0	0° 4	13°D32	12°39	25°49	5°21	S 8
S 9	15 8 28	18°43'11	4♍ 6	15°16	19°18	16°19	7°55	2°59	19°17	16°59	0° 6	13°32	12°36	25°56	5°25	S 9
M10	15 12 24	19°41'14	16°58	14°40	20°32	16°59	8° 4	2°57	19°17	16°57	0° 7	13°R33	12°33	26° 2	5°29	M10
T 11	15 16 21	20°39'15	0♎17	14° 5	21°46	17°39	8°13	2°54	19°18	16°55	0° 8	13°31	12°30	26° 9	5°33	T 11
W12	15 20 17	21°37'14	14° 4	13°32	23° 0	18°20	8°21	2°52	19°19	16°54	0°10	13°28	12°26	26°16	5°36	W12
T 13	15 24 14	22°35'12	28°20	13° 3	24°14	19° 0	8°30	2°50	19°20	16°52	0°11	13°22	12°23	26°23	5°40	T 13
F 14	15 28 10	23°33'07	13♏ 1	12°36	25°28	19°40	8°38	2°48	19°21	16°50	0°12	13°14	12°20	26°29	5°43	F 14
S 15	15 32 7	24°31'02	28° 0	12°13	26°41	20°20	8°46	2°46	19°22	16°49	0°14	13° 5	12°17	26°36	5°47	S 15
S 16	15 36 3	25°28'55	13♐ 8	11°54	27°55	21° 1	8°54	2°44	19°23	16°47	0°15	12°54	12°14	26°43	5°51	S 16
M17	15 40 0	26°26'46	28°15	11°39	29° 9	21°41	9° 2	2°42	19°24	16°46	0°17	12°45	12°11	26°49	5°54	M17
T 18	15 43 57	27°24'36	13♑11	11°28	0♊23	22°21	9°10	2°40	19°25	16°44	0°18	12°37	12° 7	26°56	5°58	T 18
W19	15 47 53	28°22'25	27°48	11°22	1°37	23° 1	9°17	2°38	19°26	16°42	0°19	12°32	12° 4	27° 3	6° 1	W19
T 20	15 51 50	29°20'13	12♒ 3	11°D20	2°51	23°41	9°25	2°37	19°27	16°41	0°21	12°29	12° 1	27°10	6° 5	T 20
F 21	15 55 46	0♊17'59	25°53	11°22	4° 5	24°21	9°32	2°35	19°29	16°39	0°22	12°D28	11°58	27°16	6° 8	F 21
S 22	15 59 43	1°15'45	9♓20	11°30	5°18	25° 1	9°39	2°34	19°30	16°38	0°23	12°R28	11°55	27°23	6°12	S 22
S 23	16 3 39	2°13'29	22°27	11°42	6°32	25°41	9°46	2°33	19°31	16°36	0°25	12°28	11°52	27°30	6°15	S 23
M24	16 7 36	3°11'13	5♈16	11°58	7°46	26°21	9°53	2°32	19°33	16°35	0°26	12°26	11°48	27°36	6°19	M24
T 25	16 11 32	4° 8'55	17°51	12°19	9° 0	27° 1	9°59	2°30	19°34	16°33	0°27	12°22	11°45	27°43	6°22	T 25
W26	16 15 29	5° 6'36	0♉14	12°44	10°14	27°41	10° 6	2°29	19°36	16°31	0°29	12°15	11°42	27°50	6°26	W26
T 27	16 19 26	6° 4'16	12°28	13°13	11°27	28°21	10°12	2°29	19°37	16°30	0°30	12° 5	11°39	27°57	6°29	T 27
F 28	16 23 22	7° 1'55	24°35	13°47	12°41	29° 1	10°18	2°28	19°39	16°28	0°31	11°53	11°36	28° 3	6°33	F 28
S 29	16 27 19	7°59'33	6♊36	14°24	13°55	29°40	10°24	2°27	19°41	16°27	0°33	11°40	11°32	28°10	6°36	S 29
S 30	16 31 15	8°57'09	18°32	15° 5	15° 9	0♋20	10°30	2°27	19°42	16°25	0°34	11°26	11°29	28°17	6°39	S 30
M31	16 35 12	9♊54'45	0♋24	15♉51	16♊23	1♋ 0	10♓36	2♎26	19♌44	16♏24	0♊35	11♍12	11♍26	28♊23	6♉43	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 6	14n54	4s52	19n26	1n49	13n45	0s55	22n50	0n47	9s50	0s51	1n 2	2n35	15n44	0n43	15s13	1n49	7n 3	13s21	6n12	6n40	18n18	12n43	0s28
S 2	15 24	16 54	5 3	19 6	1 36	14 10	0 54	22 56	0 47	9 47	0 51	1 3	2 35	15 44	0 43	15 12	1 49	7 4	13 21	6 16	6 41	18 18	12 44	0 28
M 3	15 42	18 9	5 1	18 44	1 21	14 34	0 52	23 2	0 47	9 44	0 51	1 4	2 35	15 44	0 43	15 12	1 49	7 4	13 21	6 20	6 42	18 19	12 45	0 28
T 4	15 59	18 36	4 46	18 20	1 6	14 59	0 50	23 7	0 48	9 40	0 52	1 5	2 35	15 44	0 43	15 11	1 49	7 4	13 20	6 23	6 44	18 19	12 47	0 28
W 5	16 17	18 14	4 19	17 55	0 50	15 22	0 48	23 13	0 48	9 37	0 52	1 6	2 35	15 44	0 43	15 11	1 49	7 5	13 20	6 26	6 45	18 19	12 48	0 28
T 6	16 34	17 4	3 40	17 28	0 33	15 46	0 46	23 18	0 49	9 34	0 52	1 7	2 35	15 43	0 43	15 10	1 49	7 5	13 20	6 27	6 46	18 20	12 49	0 28
F 7	16 50	15 8	2 52	17 1	0 16	16 9	0 44	23 23	0 49	9 31	0 52	1 8	2 34	15 43	0 43	15 10	1 49	7 5	13 20	6 28	6 47	18 20	12 50	0 28
S 8	17 7	12 30	1 54	16 34	0s 1	16 32	0 42	23 28	0 49	9 27	0 52	1 9	2 34	15 43	0 43	15 10	1 49	7 6	13 20	6 28	6 48	18 21	12 51	0 28
S 9	17 23	9 13	0 50	16 6	0 19	16 54	0 40	23 32	0 50	9 24	0 53	1 10	2 34	15 43	0 43	15 9	1 49	7 6	13 20	6 28	6 50	18 21	12 52	0 28
M10	17 39	5 25	0n18	15 39	0 36	17 16	0 37	23 37	0 50	9 21	0 53	1 11	2 34	15 42	0 43	15 9	1 49	7 7	13 20	6 28	6 51	18 22	12 54	0 28
T 11	17 54	1 14	1 28	15 12	0 53	17 37	0 35	23 41	0 50	9 18	0 53	1 12	2 34	15 42	0 43	15 8	1 49	7 7	13 20	6 28	6 52	18 22	12 55	0 28
W12	18 9	3s10	2 35	14 47	1 10	17 58	0 33	23 45	0 51	9 15	0 53	1 13	2 33	15 42	0 43	15 8	1 49	7 7	13 20	6 30	6 53	18 22	12 56	0 28
T 13	18 24	7 32	3 34	14 22	1 26	18 19	0 31	23 49	0 51	9 12	0 54	1 13	2 33	15 42	0 43	15 7	1 49	7 8	13 20	6 32	6 54	18 23	12 57	0 29
F 14	18 39	11 35	4 21	14 0	1 42	18 39	0 29	23 53	0 52	9 9	0 54	1 14	2 33	15 41	0 43	15 7	1 49	7 8	13 20	6 35	6 56	18 23	12 58	0 29
S 15	18 53	14 58	4 51	13 38	1 56	18 58	0 26	23 56	0 52	9 7	0 54	1 15	2 33	15 41	0 43	15 6	1 49	7 8	13 20	6 39	6 57	18 23	12 59	0 29
S 16	19 7	17 22	5 2	13 19	2 10	19 17	0 24	23 59	0 52	9 4	0 54	1 15	2 33	15 41	0 43	15 6	1 49	7 8	13 19	6 43	6 58	18 24	13 0	0 29
M17	19 21	18 34	4 51	13 2	2 23	19 36	0 22	24 2	0 53	9 1	0 55	1 16	2 33	15 40	0 43	15 5	1 49	7 9	13 19	6 46	6 59	18 24	13 2	0 29
T 18	19 34	18 27	4 20	12 48	2 35	19 54	0 20	24 5	0 53	8 58	0 55	1 16	2 32	15 40	0 43	15 5	1 49	7 9	13 19	6 49	7 0	18 25	13 3	0 29
W19	19 47	17 6	3 33	12 35	2 47	20 11	0 17	24 7	0 53	8 56	0 55	1 17	2 32	15 39	0 43	15 5	1 49	7 9	13 19	6 51	7 2	18 25	13 4	0 29
T 20	20 0	14 42	2 34	12 25	2 57	20 28	0 15	24 10	0 54	8 53	0 55	1 17	2 32	15 39	0 43	15 4	1 49	7 10	13 19	6 52	7 3	18 25	13 5	0 29
F 21	20 12	11 31	1 27	12 17	3 6	20 44	0 13	24 12	0 54	8 51	0 55	1 18	2 32	15 39	0 43	15 4	1 49	7 10	13 19	6 53	7 4	18 26	13 6	0 29
S 22	20 24	7 48	0 17	12 12	3 13	21 0	0 10	24 14	0 54	8 48	0 56	1 18	2 32	15 38	0 43	15 3	1 49	7 10	13 19	6 53	7 5	18 26	13 7	0 29
S 23	20 35	3 48	0s53	12 9	3 20	21 15	0 8	24 16	0 55	8 46	0 56	1 18	2 31	15 38	0 43	15 3	1 49	7 11	13 19	6 53	7 7	18 26	13 8	0 29
M24	20 47	0n18	1 58	12 8	3 26	21 30	0 5	24 17	0 55	8 44	0 56	1 18	2 31	15 37	0 43	15 2	1 49	7 11	13 19	6 53	7 8	18 27	13 9	0 29
T 25	20 58	4 18	2 55	12 10	3 31	21 44	0 3	24 18	0 55	8 41	0 57	1 19	2 31	15 37	0 43	15 2	1 49	7 11	13 19	6 55	7 9	18 27	13 10	0 30
W26	21 8	8 3	3 44	12 14	3 35	21 57	0 1	24 20	0 56	8 39	0 57	1 19	2 31	15 36	0 43	15 2	1 49	7 11	13 19	6 58	7 10	18 28	13 11	0 30
T 27	21 18	11 25	4 21	12 20	3 38	22 10	0n 2	24 20	0 56	8 37	0 57	1 19	2 30	15 36	0 42	15 1	1 49	7 12	13 19	7 1	7 11	18 28	13 12	0 30
F 28	21 28	14 16	4 46	12 28	3 40	22 22	0 4	24 21	0 56	8 35	0 57	1 19	2 30	15 35	0 42	15 1	1 49	7 12	13 19	7 6	7 13	18 28	13 13	0 30
S 29	21 37	16 29	4 58	12 38	3 41	22 34	0 7	24 22	0 57	8 33	0 58	1 19	2 30	15 35	0 42	15 0	1 49	7 12	13 19	7 11	7 14	18 29	13 14	0 30
S 30	21 46	17 59	4 57	12 49	3 41	22 45	0 9	24 22	0 57	8 31	0 58	1 19	2 30	15 34	0 42	15 0	1 49	7 12	13 19	7 16	7 15	18 29	13 15	0 30
M31	21n55	18n42	4s43	13n 3	3s40	22n55	0n11	24n22	0n57	8s29	0s58	1n19	2n30	15n33	0n42	15s 0	1n49	7n13	13s19	7n21	7n16	18n29	13n16	0s30

Julian Day Number = 2498416.5, Delta T = 107.98 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'00, Lahiri = 25°39'01

ASTRODIENST EPHEMERIS for the year 2128
geocentric

JUNE 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 39 8	10♊52'19	12♋15	16♉39	17♊36	1♋40	10♓42	2°R26	19♌46	16°R23	0♊37	11°R 1	11♍23	28♊30	6♉46	T 1
W 2	16 43 5	11°49'52	24° 6	17°32	18°50	2°19	10°47	2♎25	19°48	16♏21	0°38	10♍52	11°20	28°37	6°49	W 2
T 3	16 47 1	12°47'24	6♌ 0	18°27	20° 4	2°59	10°52	2°25	19°50	16°20	0°39	10°46	11°17	28°44	6°52	T 3
F 4	16 50 58	13°44'54	18° 1	19°27	21°17	3°39	10°57	2°D25	19°52	16°18	0°41	10°42	11°13	28°50	6°55	F 4
S 5	16 54 55	14°42'24	0♍13	20°29	22°31	4°18	11° 2	2°25	19°54	16°17	0°42	10°41	11°10	28°57	6°59	S 5
S 6	16 58 51	15°39'52	12°41	21°35	23°45	4°58	11° 7	2°25	19°56	16°15	0°43	10°41	11° 7	29° 4	7° 2	S 6
M 7	17 2 48	16°37'18	25°29	22°44	24°59	5°37	11°11	2°26	19°58	16°14	0°45	10°40	11° 4	29°10	7° 5	M 7
T 8	17 6 44	17°34'44	8♎43	23°56	26°12	6°17	11°16	2°26	20° 0	16°13	0°46	10°39	11° 1	29°17	7° 8	T 8
W 9	17 10 41	18°32'08	22°26	25°11	27°26	6°56	11°20	2°26	20° 2	16°11	0°47	10°36	10°58	29°24	7°11	W 9
T 10	17 14 37	19°29'31	6♏39	26°29	28°40	7°36	11°24	2°27	20° 4	16°10	0°49	10°30	10°54	29°31	7°14	T 10
F 11	17 18 34	20°26'53	21°19	27°50	29°53	8°15	11°28	2°28	20° 7	16° 9	0°50	10°22	10°51	29°37	7°17	F 11
S 12	17 22 30	21°24'15	6♐22	29°14	1♋ 7	8°55	11°31	2°28	20° 9	16° 8	0°51	10°12	10°48	29°44	7°20	S 12
S 13	17 26 27	22°21'35	21°39	0♊41	2°20	9°34	11°35	2°29	20°11	16° 6	0°53	10° 2	10°45	29°51	7°23	S 13
M14	17 30 24	23°18'55	6♑58	2°11	3°34	10°13	11°38	2°30	20°14	16° 5	0°54	9°52	10°42	29°58	7°26	M14
T 15	17 34 20	24°16'14	22° 8	3°43	4°48	10°53	11°41	2°31	20°16	16° 4	0°55	9°44	10°38	0♋ 4	7°29	T 15
W16	17 38 17	25°13'32	7♒ 0	5°19	6° 1	11°32	11°44	2°32	20°18	16° 3	0°56	9°38	10°35	0°11	7°31	W16
T 17	17 42 13	26°10'50	21°27	6°57	7°15	12°11	11°47	2°34	20°21	16° 2	0°58	9°35	10°32	0°18	7°34	T 17
F 18	17 46 10	27° 8'08	5♓26	8°38	8°28	12°50	11°50	2°35	20°24	16° 0	0°59	9°D34	10°29	0°24	7°37	F 18
S 19	17 50 6	28° 5'25	18°59	10°22	9°42	13°30	11°52	2°37	20°26	15°59	1° 0	9°34	10°26	0°31	7°40	S 19
S 20	17 54 3	29° 2'42	2♈ 6	12° 9	10°56	14° 9	11°54	2°38	20°29	15°58	1° 1	9°R34	10°23	0°38	7°42	S 20
M21	17 57 59	29°59'58	14°52	13°58	12° 9	14°48	11°56	2°40	20°31	15°57	1° 2	9°33	10°19	0°45	7°45	M21
T 22	18 1 56	0♋57'15	27°21	15°50	13°23	15°27	11°58	2°42	20°34	15°56	1° 4	9°30	10°16	0°51	7°48	T 22
W23	18 5 53	1°54'31	9♉36	17°45	14°36	16° 6	12° 0	2°43	20°37	15°55	1° 5	9°25	10°13	0°58	7°50	W23
T 24	18 9 49	2°51'47	21°42	19°42	15°50	16°45	12° 1	2°45	20°40	15°54	1° 6	9°17	10°10	1° 5	7°53	T 24
F 25	18 13 46	3°49'03	3♊41	21°41	17° 3	17°24	12° 2	2°47	20°42	15°53	1° 7	9° 7	10° 7	1°11	7°55	F 25
S 26	18 17 42	4°46'19	15°35	23°43	18°17	18° 3	12° 3	2°49	20°45	15°52	1° 8	8°55	10° 4	1°18	7°57	S 26
S 27	18 21 39	5°43'34	27°27	25°47	19°31	18°43	12° 4	2°52	20°48	15°51	1°10	8°43	10° 0	1°25	8° 0	S 27
M28	18 25 35	6°40'49	9♋18	27°52	20°44	19°22	12° 5	2°54	20°51	15°50	1°11	8°32	9°57	1°32	8° 2	M28
T 29	18 29 32	7°38'04	21°10	29°59	21°58	20° 1	12° 5	2°56	20°54	15°49	1°12	8°22	9°54	1°38	8° 4	T 29
W30	18 33 28	8♋35'18	3♌ 4	2♋ 7	23♋11	20♋40	12♓ 5	2♎59	20♌57	15♏49	1♊13	8♍15	9♍51	1♋45	8♉ 7	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	18n35	4s17	13n18	3s39	23n 4	0n14	24n22	0n57	8s27	0s58	1n19	2n29	15n33	0n42	14s59	1n49	7n13	13s19	7n26	7n17	18n30	13n17	0s30
W 2	22 11	17 40	3 40	13 35	3 37	23 13	0 16	24 22	0 58	8 25	0 59	1 19	2 29	15 32	0 42	14 59	1 49	7 13	13 19	7 29	7 19	18 30	13 18	0 30
T 3	22 19	15 58	2 52	13 53	3 34	23 21	0 19	24 21	0 58	8 24	0 59	1 19	2 29	15 32	0 42	14 58	1 48	7 13	13 19	7 32	7 20	18 30	13 19	0 30
F 4	22 26	13 34	1 57	14 12	3 30	23 29	0 21	24 20	0 58	8 22	0 59	1 19	2 29	15 31	0 42	14 58	1 48	7 14	13 19	7 33	7 21	18 31	13 20	0 30
S 5	22 33	10 32	0 55	14 33	3 26	23 36	0 23	24 19	0 58	8 20	0 59	1 19	2 28	15 30	0 42	14 58	1 48	7 14	13 19	7 33	7 22	18 31	13 21	0 31
S 6	22 39	6 58	0n11	14 55	3 21	23 42	0 26	24 18	0 59	8 19	1 0	1 18	2 28	15 30	0 42	14 57	1 48	7 14	13 19	7 33	7 23	18 31	13 22	0 31
M 7	22 45	2 59	1 18	15 18	3 15	23 47	0 28	24 17	0 59	8 17	1 0	1 18	2 28	15 29	0 42	14 57	1 48	7 14	13 19	7 34	7 25	18 32	13 23	0 31
T 8	22 50	1s16	2 23	15 41	3 9	23 52	0 30	24 15	0 59	8 16	1 0	1 18	2 28	15 28	0 42	14 57	1 48	7 14	13 19	7 34	7 26	18 32	13 24	0 31
W 9	22 56	5 36	3 22	16 6	3 2	23 56	0 33	24 14	1 0	8 15	1 1	1 17	2 28	15 27	0 42	14 56	1 48	7 15	13 19	7 35	7 27	18 32	13 25	0 31
T 10	23 0	9 46	4 11	16 31	2 54	24 0	0 35	24 12	1 0	8 13	1 1	1 17	2 27	15 27	0 42	14 56	1 48	7 15	13 20	7 37	7 28	18 32	13 26	0 31
F 11	23 5	13 29	4 45	16 57	2 46	24 2	0 37	24 10	1 0	8 12	1 1	1 16	2 27	15 26	0 42	14 56	1 48	7 15	13 20	7 40	7 29	18 33	13 27	0 31
S 12	23 9	16 25	5 0	17 24	2 38	24 4	0 39	24 7	1 0	8 11	1 1	1 16	2 27	15 25	0 42	14 55	1 48	7 15	13 20	7 44	7 31	18 33	13 27	0 31
S 13	23 12	18 15	4 55	17 51	2 29	24 5	0 41	24 5	1 1	8 10	1 2	1 15	2 27	15 24	0 42	14 55	1 48	7 15	13 20	7 48	7 32	18 33	13 28	0 31
M14	23 15	18 46	4 28	18 18	2 20	24 6	0 44	24 2	1 1	8 9	1 2	1 15	2 26	15 24	0 42	14 55	1 48	7 16	13 20	7 52	7 33	18 34	13 29	0 31
T 15	23 18	17 56	3 43	18 45	2 10	24 6	0 46	23 59	1 1	8 8	1 2	1 14	2 26	15 23	0 42	14 54	1 48	7 16	13 20	7 55	7 34	18 34	13 30	0 31
W16	23 20	15 52	2 43	19 12	2 0	24 5	0 48	23 56	1 1	8 7	1 2	1 13	2 26	15 22	0 42	14 54	1 48	7 16	13 20	7 57	7 35	18 34	13 31	0 32
T 17	23 22	12 51	1 35	19 39	1 49	24 3	0 50	23 53	1 1	8 6	1 3	1 13	2 26	15 21	0 42	14 54	1 48	7 16	13 20	7 58	7 37	18 35	13 32	0 32
F 18	23 23	9 10	0 22	20 6	1 39	24 1	0 52	23 49	1 2	8 6	1 3	1 12	2 26	15 20	0 42	14 53	1 48	7 16	13 20	7 59	7 38	18 35	13 32	0 32
S 19	23 24	5 7	0s50	20 32	1 28	23 58	0 54	23 46	1 2	8 5	1 3	1 11	2 25	15 20	0 42	14 53	1 48	7 16	13 20	7 59	7 39	18 35	13 33	0 32
S 20	23 25	0 57	1 57	20 58	1 17	23 54	0 56	23 42	1 2	8 4	1 4	1 10	2 25	15 19	0 42	14 53	1 48	7 17	13 20	7 58	7 40	18 35	13 34	0 32
M21	23 25	3n 9	2 56	21 23	1 5	23 50	0 58	23 38	1 2	8 4	1 4	1 9	2 25	15 18	0 42	14 53	1 48	7 17	13 20	7 59	7 41	18 36	13 35	0 32
T 22	23 25	7 1	3 45	21 47	0 54	23 44	1 0	23 34	1 2	8 3	1 4	1 9	2 25	15 17	0 42	14 52	1 48	7 17	13 20	8 0	7 43	18 36	13 35	0 32
W23	23 24	10 31	4 23	22 9	0 42	23 39	1 2	23 29	1 3	8 3	1 4	1 8	2 24	15 16	0 42	14 52	1 48	7 17	13 21	8 2	7 44	18 36	13 36	0 32
T 24	23 23	13 31	4 49	22 31	0 31	23 32	1 4	23 25	1 3	8 3	1 5	1 7	2 24	15 15	0 42	14 52	1 48	7 17	13 21	8 5	7 45	18 36	13 37	0 32
F 25	23 22	15 56	5 1	22 51	0 19	23 25	1 5	23 20	1 3	8 3	1 5	1 6	2 24	15 14	0 42	14 52	1 48	7 17	13 21	8 9	7 46	18 37	13 38	0 32
S 26	23 20	17 40	5 1	23 9	0 8	23 17	1 7	23 15	1 3	8 3	1 5	1 5	2 24	15 13	0 42	14 51	1 48	7 17	13 21	8 13	7 47	18 37	13 38	0 33
S 27	23 18	18 37	4 47	23 25	0n 3	23 8	1 9	23 10	1 3	8 2	1 6	1 3	2 23	15 12	0 42	14 51	1 48	7 17	13 21	8 18	7 49	18 37	13 39	0 33
M28	23 15	18 45	4 21	23 38	0 14	22 59	1 10	23 4	1 4	8 2	1 6	1 2	2 23	15 11	0 42	14 51	1 48	7 17	13 21	8 22	7 50	18 37	13 40	0 33
T 29	23 12	18 5	3 43	23 50	0 25	22 49	1 12	22 59	1 4	8 3	1 6	1 1	2 23	15 10	0 42	14 51	1 47	7 17	13 21	8 25	7 51	18 38	13 40	0 33
W30	23n 9	16n36	2s56	23n59	0n35	22n38	1n14	22n53	1n 4	8s 3	1s 7	1n 0	2n23	15n10	0n42	14s51	1n47	7n18	13s21	8n28	7n52	18n38	13n41	0s33

Julian Day Number = 2498447.5, Delta T = 108.03 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'04, Lahiri = 25°39'05

ASTRODIENST EPHEMERIS for the year 2128
geocentric

JULY 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 25	9♋32'32	15♌ 3	4♋16	24♋25	21♋19	12°R 6	3♎ 2	21♌ 0	15°R48	1♊14	8°R10	9♍48	1♋52	8♌ 9	T 1
F 2	18 41 22	10°29'46	27° 9	6°26	25°38	21°57	12♓ 5	3° 4	21° 3	15♏47	1°15	8♍ 7	9°44	1°58	8°11	F 2
S 3	18 45 18	11°26'59	9♍26	8°37	26°52	22°36	12° 5	3° 7	21° 6	15°46	1°16	8°D 7	9°41	2° 5	8°13	S 3
S 4	18 49 15	12°24'12	21°56	10°48	28° 5	23°15	12° 5	3°10	21° 9	15°45	1°17	8° 7	9°38	2°12	8°15	S 4
M 5	18 53 11	13°21'25	4♎45	12°59	29°19	23°54	12° 4	3°13	21°12	15°45	1°18	8° 8	9°35	2°19	8°17	M 5
T 6	18 57 8	14°18'37	17°56	15° 9	0♌32	24°33	12° 3	3°16	21°15	15°44	1°19	8°R 8	9°32	2°25	8°19	T 6
W 7	19 1 4	15°15'49	1♏32	17°19	1°45	25°12	12° 2	3°19	21°18	15°43	1°20	8° 7	9°29	2°32	8°21	W 7
T 8	19 5 1	16°13'01	15°35	19°28	2°59	25°51	12° 1	3°22	21°22	15°43	1°21	8° 4	9°25	2°39	8°23	T 8
F 9	19 8 57	17°10'13	0♐ 5	21°36	4°12	26°29	11°59	3°26	21°25	15°42	1°22	7°59	9°22	2°45	8°25	F 9
S 10	19 12 54	18° 7'24	14°58	23°42	5°26	27° 8	11°57	3°29	21°28	15°42	1°23	7°52	9°19	2°52	8°27	S 10
S 11	19 16 51	19° 4'35	0♑ 7	25°48	6°39	27°47	11°56	3°33	21°31	15°41	1°24	7°45	9°16	2°59	8°29	S 11
M12	19 20 47	20° 1'47	15°22	27°52	7°53	28°26	11°54	3°36	21°35	15°41	1°25	7°38	9°13	3° 5	8°30	M12
T 13	19 24 44	20°58'58	0♒32	29°54	9° 6	29° 4	11°51	3°40	21°38	15°40	1°26	7°33	9°10	3°12	8°32	T 13
W14	19 28 40	21°56'10	15°28	1♌55	10°19	29°43	11°49	3°44	21°41	15°40	1°27	7°29	9° 6	3°19	8°34	W14
T 15	19 32 37	22°53'22	0♓ 2	3°54	11°33	0♌22	11°46	3°48	21°45	15°39	1°28	7°27	9° 3	3°26	8°35	T 15
F 16	19 36 33	23°50'35	14°10	5°51	12°46	1° 0	11°43	3°52	21°48	15°39	1°29	7°D27	9° 0	3°32	8°37	F 16
S 17	19 40 30	24°47'48	27°50	7°46	13°59	1°39	11°40	3°56	21°51	15°39	1°30	7°28	8°57	3°39	8°38	S 17
S 18	19 44 26	25°45'01	11♈ 3	9°40	15°13	2°18	11°37	4° 0	21°55	15°38	1°31	7°29	8°54	3°46	8°39	S 18
M19	19 48 23	26°42'15	23°52	11°32	16°26	2°56	11°34	4° 4	21°58	15°38	1°32	7°R30	8°50	3°52	8°41	M19
T 20	19 52 20	27°39'30	6♉22	13°21	17°39	3°35	11°30	4° 8	22° 2	15°38	1°33	7°30	8°47	3°59	8°42	T 20
W21	19 56 16	28°36'46	18°36	15°10	18°53	4°14	11°27	4°12	22° 5	15°38	1°33	7°28	8°44	4° 6	8°43	W21
T 22	20 0 13	29°34'02	0♊39	16°56	20° 6	4°52	11°23	4°17	22° 9	15°37	1°34	7°24	8°41	4°13	8°45	T 22
F 23	20 4 9	0♌31'19	12°35	18°40	21°19	5°31	11°19	4°21	22°12	15°37	1°35	7°19	8°38	4°19	8°46	F 23
S 24	20 8 6	1°28'37	24°26	20°23	22°32	6° 9	11°14	4°26	22°16	15°37	1°36	7°13	8°35	4°26	8°47	S 24
S 25	20 12 2	2°25'56	6♋17	22° 4	23°46	6°48	11°10	4°30	22°19	15°37	1°36	7° 7	8°31	4°33	8°48	S 25
M26	20 15 59	3°23'15	18°10	23°43	24°59	7°26	11° 5	4°35	22°23	15°37	1°37	7° 1	8°28	4°39	8°49	M26
T 27	20 19 55	4°20'35	0♌ 6	25°20	26°12	8° 5	11° 1	4°40	22°27	15°D37	1°38	6°56	8°25	4°46	8°50	T 27
W28	20 23 52	5°17'55	12° 7	26°55	27°25	8°43	10°56	4°45	22°30	15°37	1°39	6°52	8°22	4°53	8°51	W28
T 29	20 27 49	6°15'16	24°16	28°29	28°39	9°22	10°51	4°50	22°34	15°37	1°39	6°50	8°19	5° 0	8°51	T 29
F 30	20 31 45	7°12'38	6♍33	0♍ 0	29°52	10° 0	10°46	4°55	22°37	15°37	1°40	6°D49	8°15	5° 6	8°52	F 30
S 31	20 35 42	8♌10'00	19♍ 1	1♍30	1♍ 5	10♌39	10♓40	5♎ 0	22♌41	15♏37	1♊41	6♍50	8♍12	5♋13	8♌53	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 5	14n23	2s 0	24n 6	0n45	22n27	1n15	22n47	1n 4	8s 3	1s 7	0n59	2n23	15n 9	0n42	14s50	1n47	7n18	13s22	8n30	7n53	18n38	13n41	0s33
F 2	23 0	11 32	0 58	24 10	0 54	22 15	1 17	22 41	1 4	8 3	1 7	0 57	2 22	15 8	0 42	14 50	1 47	7 18	13 22	8 31	7 55	18 38	13 42	0 33
S 3	22 56	8 8	0n 7	24 11	1 2	22 3	1 18	22 35	1 5	8 4	1 7	0 56	2 22	15 7	0 41	14 50	1 47	7 18	13 22	8 31	7 56	18 39	13 43	0 33
S 4	22 51	4 19	1 14	24 9	1 10	21 49	1 19	22 29	1 5	8 4	1 8	0 55	2 22	15 6	0 41	14 50	1 47	7 18	13 22	8 31	7 57	18 39	13 43	0 33
M 5	22 45	0 14	2 18	24 5	1 18	21 36	1 21	22 22	1 5	8 5	1 8	0 53	2 22	15 5	0 41	14 50	1 47	7 18	13 22	8 31	7 58	18 39	13 44	0 33
T 6	22 39	3s59	3 17	23 57	1 24	21 21	1 22	22 16	1 5	8 5	1 8	0 52	2 22	15 4	0 41	14 50	1 47	7 18	13 22	8 31	7 59	18 39	13 44	0 34
W 7	22 33	8 8	4 7	23 47	1 30	21 6	1 23	22 9	1 5	8 6	1 9	0 51	2 21	15 2	0 41	14 49	1 47	7 18	13 22	8 31	8 1	18 40	13 45	0 34
T 8	22 26	11 58	4 44	23 35	1 35	20 50	1 24	22 2	1 5	8 7	1 9	0 49	2 21	15 1	0 41	14 49	1 47	7 18	13 23	8 32	8 2	18 40	13 45	0 34
F 9	22 19	15 12	5 4	23 20	1 40	20 34	1 25	21 55	1 5	8 8	1 9	0 48	2 21	15 0	0 41	14 49	1 47	7 18	13 23	8 34	8 3	18 40	13 46	0 34
S 10	22 12	17 31	5 5	23 2	1 43	20 17	1 26	21 47	1 6	8 8	1 9	0 46	2 21	14 59	0 41	14 49	1 47	7 18	13 23	8 37	8 4	18 40	13 46	0 34
S 11	22 4	18 41	4 44	22 42	1 46	20 0	1 27	21 40	1 6	8 9	1 10	0 44	2 21	14 58	0 41	14 49	1 47	7 18	13 23	8 39	8 5	18 40	13 47	0 34
M12	21 56	18 30	4 4	22 20	1 48	19 42	1 28	21 32	1 6	8 11	1 10	0 43	2 20	14 57	0 41	14 49	1 47	7 18	13 23	8 42	8 7	18 41	13 47	0 34
T 13	21 47	17 0	3 6	21 56	1 49	19 24	1 29	21 24	1 6	8 12	1 10	0 41	2 20	14 56	0 41	14 49	1 47	7 18	13 23	8 44	8 8	18 41	13 48	0 34
W14	21 38	14 20	1 56	21 30	1 50	19 5	1 29	21 16	1 6	8 13	1 11	0 40	2 20	14 55	0 41	14 49	1 47	7 18	13 24	8 45	8 9	18 41	13 48	0 34
T 15	21 29	10 49	0 40	21 3	1 50	18 45	1 30	21 8	1 6	8 14	1 11	0 38	2 20	14 54	0 41	14 49	1 47	7 18	13 24	8 46	8 10	18 41	13 48	0 35
F 16	21 19	6 47	0s36	20 34	1 49	18 25	1 31	21 0	1 6	8 15	1 11	0 36	2 20	14 53	0 41	14 49	1 47	7 18	13 24	8 46	8 11	18 41	13 49	0 35
S 17	21 9	2 31	1 48	20 3	1 48	18 4	1 31	20 51	1 7	8 17	1 11	0 34	2 19	14 52	0 41	14 49	1 47	7 18	13 24	8 46	8 13	18 42	13 49	0 35
S 18	20 59	1n44	2 52	19 31	1 46	17 43	1 32	20 43	1 7	8 18	1 12	0 33	2 19	14 51	0 41	14 49	1 46	7 18	13 24	8 45	8 14	18 42	13 50	0 35
M19	20 48	5 46	3 45	18 58	1 43	17 22	1 32	20 34	1 7	8 20	1 12	0 31	2 19	14 49	0 41	14 49	1 46	7 18	13 25	8 45	8 15	18 42	13 50	0 35
T 20	20 37	9 26	4 26	18 24	1 40	17 0	1 32	20 25	1 7	8 21	1 12	0 29	2 19	14 48	0 41	14 49	1 46	7 18	13 25	8 45	8 16	18 42	13 50	0 35
W21	20 25	12 38	4 54	17 49	1 36	16 37	1 33	20 16	1 7	8 23	1 13	0 27	2 19	14 47	0 41	14 49	1 46	7 18	13 25	8 46	8 17	18 42	13 50	0 35
T 22	20 14	15 14	5 8	17 13	1 32	16 14	1 33	20 7	1 7	8 25	1 13	0 25	2 18	14 46	0 41	14 49	1 46	7 18	13 25	8 47	8 18	18 43	13 51	0 35
F 23	20 1	17 10	5 9	16 36	1 27	15 51	1 33	19 58	1 7	8 27	1 13	0 23	2 18	14 45	0 41	14 49	1 46	7 18	13 25	8 49	8 20	18 43	13 51	0 35
S 24	19 49	18 22	4 57	15 59	1 22	15 27	1 33	19 48	1 7	8 28	1 13	0 21	2 18	14 44	0 41	14 49	1 46	7 18	13 26	8 51	8 21	18 43	13 51	0 36
S 25	19 36	18 45	4 32	15 21	1 17	15 3	1 33	19 39	1 7	8 30	1 14	0 19	2 18	14 43	0 41	14 49	1 46	7 18	13 26	8 53	8 22	18 43	13 51	0 36
M26	19 23	18 19	3 55	14 43	1 10	14 39	1 33	19 29	1 8	8 32	1 14	0 17	2 18	14 41	0 41	14 49	1 46	7 18	13 26	8 56	8 23	18 43	13 52	0 36
T 27	19 10	17 4	3 7	14 4	1 4	14 14	1 33	19 19	1 8	8 34	1 14	0 15	2 17	14 40	0 41	14 49	1 46	7 17	13 26	8 58	8 24	18 43	13 52	0 36
W28	18 56	15 3	2 11	13 25	0 57	13 48	1 33	19 9	1 8	8 36	1 14	0 13	2 17	14 39	0 41	14 49	1 46	7 17	13 26	8 59	8 26	18 44	13 52	0 36
T 29	18 42	12 21	1 8	12 46	0 50	13 23	1 32	18 59	1 8	8 39	1 15	0 11	2 17	14 38	0 41	14 49	1 46	7 17	13 27	9 0	8 27	18 44	13 52	0 36
F 30	18 27	9 5	0 1	12 7	0 42	12 57	1 32	18 49	1 8	8 41	1 15	0 9	2 17	14 37	0 41	14 49	1 46	7 17	13 27	9 0	8 28	18 44	13 52	0 36
S 31	18n13	5n22	1n 6	11n28	0n34	12n30	1n32	18n39	1n 8	8s43	1s15	0n 7	2n17	14n35	0n41	14s49	1n46	7n17	13s27	9n 0	8n29	18n44	13n52	0s36

Julian Day Number = 2498477.5, Delta T = 108.08 sec
Ecliptic obliquity = 23°25'12, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'09, Lahiri = 25°39'09

ASTRODIENST EPHEMERIS for the year 2128
geocentric

AUGUST 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 38	9♌ 7'23	1♎42	2♍58	2♍18	11♌17	10°R35	5♎ 5	22♌45	15♏37	1♊41	6♍51	8♍ 9	5♋20	8♉54	S 1
M 2	20 43 35	10° 4'47	14°39	4°24	3°31	11°56	10♓29	5°10	22°48	15°37	1°42	6°53	8° 6	5°26	8°54	M 2
T 3	20 47 31	11° 2'11	27°54	5°49	4°44	12°34	10°23	5°15	22°52	15°38	1°42	6°54	8° 3	5°33	8°55	T 3
W 4	20 51 28	11°59'35	11♏28	7°11	5°57	13°12	10°17	5°21	22°56	15°38	1°43	6°R54	8° 0	5°40	8°55	W 4
T 5	20 55 24	12°57'01	25°24	8°31	7°11	13°51	10°11	5°26	22°59	15°38	1°44	6°54	7°56	5°46	8°56	T 5
F 6	20 59 21	13°54'27	9♐41	9°50	8°24	14°29	10° 5	5°31	23° 3	15°38	1°44	6°52	7°53	5°53	8°56	F 6
S 7	21 3 18	14°51'53	24°16	11° 6	9°37	15° 8	9°59	5°37	23° 7	15°39	1°45	6°50	7°50	6° 0	8°56	S 7
S 8	21 7 14	15°49'20	9♑ 5	12°20	10°50	15°46	9°52	5°42	23°10	15°39	1°45	6°47	7°47	6° 7	8°57	S 8
M 9	21 11 11	16°46'49	24° 2	13°32	12° 3	16°24	9°45	5°48	23°14	15°39	1°46	6°45	7°44	6°13	8°57	M 9
T 10	21 15 7	17°44'17	8♒57	14°42	13°16	17° 3	9°39	5°54	23°18	15°40	1°46	6°43	7°41	6°20	8°57	T 10
W11	21 19 4	18°41'47	23°43	15°49	14°29	17°41	9°32	6° 0	23°22	15°40	1°46	6°42	7°37	6°27	8°57	W11
T 12	21 23 0	19°39'18	8♓13	16°54	15°42	18°19	9°25	6° 5	23°25	15°41	1°47	6°D41	7°34	6°33	8°R57	T 12
F 13	21 26 57	20°36'51	22°20	17°57	16°54	18°57	9°18	6°11	23°29	15°41	1°47	6°42	7°31	6°40	8°57	F 13
S 14	21 30 53	21°34'24	6♈ 3	18°57	18° 7	19°36	9°11	6°17	23°33	15°42	1°48	6°43	7°28	6°47	8°57	S 14
S 15	21 34 50	22°31'59	19°21	19°54	19°20	20°14	9° 4	6°23	23°37	15°42	1°48	6°44	7°25	6°54	8°57	S 15
M16	21 38 47	23°29'35	2♉15	20°48	20°33	20°52	8°56	6°29	23°40	15°43	1°48	6°45	7°21	7° 0	8°57	M16
T 17	21 42 43	24°27'13	14°49	21°39	21°46	21°31	8°49	6°35	23°44	15°44	1°49	6°46	7°18	7° 7	8°57	T 17
W18	21 46 40	25°24'52	27° 5	22°27	22°59	22° 9	8°42	6°41	23°48	15°44	1°49	6°R46	7°15	7°14	8°56	W18
T 19	21 50 36	26°22'33	9♊ 8	23°12	24°12	22°47	8°34	6°47	23°51	15°45	1°49	6°45	7°12	7°20	8°56	T 19
F 20	21 54 33	27°20'15	21° 4	23°53	25°24	23°25	8°27	6°54	23°55	15°46	1°49	6°45	7° 9	7°27	8°56	F 20
S 21	21 58 29	28°17'59	2♋55	24°30	26°37	24° 4	8°19	7° 0	23°59	15°47	1°50	6°44	7° 6	7°34	8°55	S 21
S 22	22 2 26	29°15'45	14°47	25° 4	27°50	24°42	8°11	7° 6	24° 3	15°47	1°50	6°43	7° 2	7°40	8°55	S 22
M23	22 6 22	0♍13'32	26°43	25°33	29° 3	25°20	8° 3	7°13	24° 6	15°48	1°50	6°42	6°59	7°47	8°54	M23
T 24	22 10 19	1°11'21	8♌45	25°58	0♎15	25°58	7°56	7°19	24°10	15°49	1°50	6°41	6°56	7°54	8°53	T 24
W25	22 14 16	2° 9'11	20°55	26°18	1°28	26°37	7°48	7°25	24°14	15°50	1°50	6°41	6°53	8° 1	8°53	W25
T 26	22 18 12	3° 7'02	3♍17	26°33	2°41	27°15	7°40	7°32	24°18	15°51	1°51	6°D40	6°50	8° 7	8°52	T 26
F 27	22 22 9	4° 4'55	15°51	26°43	3°53	27°53	7°32	7°39	24°21	15°52	1°51	6°40	6°47	8°14	8°51	F 27
S 28	22 26 5	5° 2'50	28°38	26°R47	5° 6	28°31	7°24	7°45	24°25	15°53	1°51	6°41	6°43	8°21	8°50	S 28
S 29	22 30 2	6° 0'46	11♎38	26°46	6°18	29° 9	7°16	7°52	24°29	15°54	1°51	6°41	6°40	8°27	8°49	S 29
M30	22 33 58	6°58'43	24°53	26°39	7°31	29°48	7° 8	7°58	24°32	15°55	1°51	6°R41	6°37	8°34	8°48	M30
T 31	22 37 55	7♍56'41	8♏21	26♍26	8♎44	0♍26	7♓ 0	8♎ 5	24♌36	15♏56	1♊51	6♍41	6♍34	8♋41	8♉47	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	17n58	1n21	2n12	10n48	0n26	12n 4	1n31	18n28	1n 8	8s45	1s15	0n 4	2n17	14n34	0n41	14s49	1n46	7n17	13s27	8n59	8n30	18n44	13n53	0s36
M 2	17 42	2s48	3 13	10 9	0 17	11 37	1 30	18 17	1 8	8 48	1 16	0 2	2 16	14 33	0 41	14 49	1 46	7 17	13 28	8 59	8 32	18 44	13 53	0 37
T 3	17 27	6 54	4 5	9 30	0 8	11 9	1 30	18 7	1 8	8 50	1 16	0 0	2 16	14 32	0 41	14 49	1 46	7 17	13 28	8 58	8 33	18 44	13 53	0 37
W 4	17 11	10 45	4 44	8 51	0s 1	10 42	1 29	17 56	1 8	8 53	1 16	0s 2	2 16	14 31	0 41	14 49	1 45	7 17	13 28	8 58	8 34	18 45	13 53	0 37
T 5	16 55	14 6	5 8	8 13	0 10	10 14	1 28	17 45	1 8	8 55	1 16	0 4	2 16	14 29	0 41	14 50	1 45	7 17	13 28	8 58	8 35	18 45	13 53	0 37
F 6	16 38	16 42	5 14	7 34	0 20	9 46	1 27	17 34	1 8	8 58	1 16	0 7	2 16	14 28	0 41	14 50	1 45	7 16	13 29	8 59	8 36	18 45	13 53	0 37
S 7	16 22	18 18	5 0	6 56	0 30	9 18	1 26	17 23	1 8	9 0	1 17	0 9	2 16	14 27	0 41	14 50	1 45	7 16	13 29	9 0	8 37	18 45	13 53	0 37
S 8	16 5	18 41	4 26	6 19	0 40	8 49	1 25	17 11	1 9	9 3	1 17	0 11	2 16	14 26	0 41	14 50	1 45	7 16	13 29	9 1	8 39	18 45	13 53	0 37
M 9	15 48	17 46	3 34	5 42	0 50	8 20	1 24	17 0	1 9	9 6	1 17	0 14	2 15	14 25	0 41	14 50	1 45	7 16	13 29	9 2	8 40	18 45	13 53	0 37
T 10	15 30	15 38	2 27	5 6	1 0	7 51	1 23	16 48	1 9	9 8	1 17	0 16	2 15	14 23	0 41	14 50	1 45	7 16	13 29	9 2	8 41	18 45	13 53	0 37
W11	15 13	12 29	1 11	4 30	1 11	7 22	1 22	16 37	1 9	9 11	1 17	0 19	2 15	14 22	0 41	14 51	1 45	7 16	13 30	9 3	8 42	18 45	13 53	0 38
T 12	14 55	8 37	0s 8	3 55	1 21	6 52	1 21	16 25	1 9	9 14	1 18	0 21	2 15	14 21	0 41	14 51	1 45	7 16	13 30	9 3	8 43	18 46	13 52	0 38
F 13	14 37	4 21	1 25	3 21	1 32	6 23	1 19	16 13	1 9	9 17	1 18	0 23	2 15	14 20	0 41	14 51	1 45	7 15	13 30	9 3	8 45	18 46	13 52	0 38
S 14	14 18	0n 2	2 35	2 48	1 43	5 53	1 18	16 1	1 9	9 20	1 18	0 26	2 15	14 18	0 41	14 51	1 45	7 15	13 30	9 2	8 46	18 46	13 52	0 38
S 15	14 0	4 15	3 35	2 15	1 54	5 23	1 16	15 49	1 9	9 22	1 18	0 28	2 15	14 17	0 41	14 51	1 45	7 15	13 31	9 2	8 47	18 46	13 52	0 38
M16	13 41	8 9	4 21	1 44	2 5	4 53	1 15	15 37	1 9	9 25	1 18	0 31	2 14	14 16	0 41	14 52	1 45	7 15	13 31	9 2	8 48	18 46	13 52	0 38
T 17	13 22	11 35	4 54	1 14	2 15	4 23	1 13	15 25	1 9	9 28	1 19	0 33	2 14	14 15	0 41	14 52	1 45	7 15	13 31	9 1	8 49	18 46	13 52	0 38
W18	13 2	14 25	5 12	0 45	2 26	3 52	1 11	15 12	1 9	9 31	1 19	0 36	2 14	14 14	0 41	14 52	1 45	7 14	13 31	9 1	8 50	18 46	13 52	0 38
T 19	12 43	16 35	5 16	0 18	2 37	3 22	1 9	15 0	1 9	9 34	1 19	0 38	2 14	14 12	0 41	14 52	1 45	7 14	13 32	9 1	8 52	18 46	13 51	0 39
F 20	12 23	18 1	5 7	0s 8	2 48	2 51	1 8	14 47	1 9	9 37	1 19	0 41	2 14	14 11	0 41	14 53	1 45	7 14	13 32	9 2	8 53	18 46	13 51	0 39
S 21	12 3	18 39	4 44	0 33	2 58	2 21	1 6	14 35	1 9	9 40	1 19	0 44	2 14	14 10	0 41	14 53	1 44	7 14	13 32	9 2	8 54	18 46	13 51	0 39
S 22	11 43	18 28	4 10	0 55	3 8	1 50	1 4	14 22	1 9	9 43	1 19	0 46	2 14	14 9	0 41	14 53	1 44	7 14	13 32	9 2	8 55	18 46	13 51	0 39
M23	11 23	17 28	3 24	1 16	3 18	1 19	1 2	14 9	1 9	9 46	1 19	0 49	2 14	14 7	0 41	14 53	1 44	7 13	13 33	9 3	8 56	18 47	13 50	0 39
T 24	11 3	15 40	2 29	1 35	3 28	0 48	0 59	13 56	1 9	9 49	1 19	0 51	2 14	14 6	0 41	14 54	1 44	7 13	13 33	9 3	8 58	18 47	13 50	0 39
W25	10 42	13 9	1 26	1 51	3 37	0 18	0 57	13 43	1 9	9 52	1 20	0 54	2 13	14 5	0 41	14 54	1 44	7 13	13 33	9 3	8 59	18 47	13 50	0 39
T 26	10 21	10 0	0 19	2 5	3 46	0s13	0 55	13 30	1 9	9 55	1 20	0 57	2 13	14 4	0 41	14 54	1 44	7 13	13 33	9 3	9 0	18 47	13 49	0 39
F 27	10 0	6 21	0n51	2 17	3 54	0 44	0 53	13 17	1 9	9 58	1 20	0 59	2 13	14 2	0 41	14 55	1 44	7 13	13 34	9 3	9 1	18 47	13 49	0 39
S 28	9 39	2 22	1 59	2 26	4 2	1 15	0 50	13 4	1 9	10 1	1 20	1 2	2 13	14 1	0 41	14 55	1 44	7 12	13 34	9 3	9 2	18 47	13 49	0 40
S 29	9 18	1s48	3 2	2 31	4 9	1 46	0 48	12 50	1 9	10 4	1 20	1 5	2 13	14 0	0 41	14 55	1 44	7 12	13 34	9 3	9 3	18 47	13 48	0 40
M30	8 57	5 57	3 57	2 34	4 15	2 17	0 45	12 37	1 9	10 7	1 20	1 7	2 13	13 59	0 41	14 56	1 44	7 12	13 34	9 3	9 5	18 47	13 48	0 40
T 31	8n35	9s52	4n39	2s33	4s20	2s48	0n43	12n23	1n 9	10s10	1s20	1s10	2n13	13n58	0n41	14s56	1n44	7n12	13s35	9n 3	9n 6	18n47	13n47	0s40

Julian Day Number = 2498508.5, Delta T = 108.13 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'13, Lahiri = 25°39'13

ASTRODIENST EPHEMERIS for the year 2128
geocentric

SEPTEMBER 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 41 51	8♍54'41	22♏ 4	26°R 7	9♎56	1♍ 4	6°R53	8♎12	24♌40	15♏57	1°R51	6°R40	6♍31	8♋47	8°R46	W 1
T 2	22 45 48	9°52'43	5♐59	25♍41	11° 9	1°42	6♓45	8°19	24°43	15°58	1♊51	6°D40	6°27	8°54	8♉45	T 2
F 3	22 49 45	10°50'45	20° 8	25°10	12°21	2°20	6°37	8°25	24°47	15°59	1°51	6♍40	6°24	9° 1	8°44	F 3
S 4	22 53 41	11°48'49	4♑27	24°33	13°33	2°59	6°29	8°32	24°51	16° 0	1°51	6°41	6°21	9° 8	8°43	S 4
S 5	22 57 38	12°46'55	18°53	23°50	14°46	3°37	6°21	8°39	24°54	16° 2	1°51	6°41	6°18	9°14	8°42	S 5
M 6	23 1 34	13°45'01	3♒24	23° 3	15°58	4°15	6°13	8°46	24°58	16° 3	1°51	6°42	6°15	9°21	8°40	M 6
T 7	23 5 31	14°43'09	17°54	22°11	17°10	4°53	6° 6	8°53	25° 1	16° 4	1°50	6°42	6°12	9°28	8°39	T 7
W 8	23 9 27	15°41'19	2♓17	21°15	18°23	5°31	5°58	9° 0	25° 5	16° 5	1°50	6°R43	6° 8	9°34	8°38	W 8
T 9	23 13 24	16°39'30	16°29	20°17	19°35	6° 9	5°50	9° 7	25° 8	16° 7	1°50	6°43	6° 5	9°41	8°36	T 9
F 10	23 17 20	17°37'43	0♈26	19°17	20°47	6°47	5°43	9°14	25°12	16° 8	1°50	6°42	6° 2	9°48	8°35	F 10
S 11	23 21 17	18°35'58	14° 3	18°18	21°59	7°26	5°35	9°21	25°15	16°10	1°50	6°41	5°59	9°54	8°33	S 11
S 12	23 25 13	19°34'15	27°19	17°19	23°11	8° 4	5°28	9°28	25°19	16°11	1°50	6°39	5°56	10° 1	8°31	S 12
M13	23 29 10	20°32'34	10♉14	16°23	24°24	8°42	5°20	9°35	25°22	16°12	1°49	6°37	5°52	10° 8	8°30	M13
T 14	23 33 7	21°30'54	22°49	15°32	25°36	9°20	5°13	9°42	25°26	16°14	1°49	6°35	5°49	10°15	8°28	T 14
W15	23 37 3	22°29'17	5♊ 7	14°45	26°48	9°58	5° 6	9°50	25°29	16°15	1°49	6°34	5°46	10°21	8°26	W15
T 16	23 41 0	23°27'42	17°12	14° 5	28° 0	10°36	4°58	9°57	25°33	16°17	1°48	6°33	5°43	10°28	8°24	T 16
F 17	23 44 56	24°26'10	29° 8	13°32	29°12	11°14	4°51	10° 4	25°36	16°18	1°48	6°D33	5°40	10°35	8°23	F 17
S 18	23 48 53	25°24'39	11♋ 0	13° 7	0♏24	11°52	4°45	10°11	25°40	16°20	1°48	6°34	5°37	10°41	8°21	S 18
S 19	23 52 49	26°23'10	22°52	12°52	1°35	12°31	4°38	10°18	25°43	16°21	1°47	6°35	5°33	10°48	8°19	S 19
M20	23 56 46	27°21'44	4♌50	12°D45	2°47	13° 9	4°31	10°26	25°46	16°23	1°47	6°37	5°30	10°55	8°17	M20
T 21	0 0 42	28°20'19	16°56	12°49	3°59	13°47	4°24	10°33	25°50	16°25	1°47	6°38	5°27	11° 1	8°15	T 21
W22	0 4 39	29°18'57	29°16	13° 2	5°11	14°25	4°18	10°40	25°53	16°26	1°46	6°39	5°24	11° 8	8°13	W22
T 23	0 8 36	0♎17'37	11♍51	13°24	6°23	15° 3	4°11	10°47	25°56	16°28	1°46	6°R39	5°21	11°15	8°11	T 23
F 24	0 12 32	1°16'19	24°42	13°56	7°35	15°41	4° 5	10°55	25°59	16°30	1°45	6°38	5°18	11°22	8° 8	F 24
S 25	0 16 29	2°15'02	7♎51	14°37	8°46	16°19	3°59	11° 2	26° 3	16°31	1°45	6°36	5°14	11°28	8° 6	S 25
S 26	0 20 25	3°13'48	21°17	15°26	9°58	16°58	3°53	11° 9	26° 6	16°33	1°44	6°32	5°11	11°35	8° 4	S 26
M27	0 24 22	4°12'36	4♏57	16°23	11°10	17°36	3°47	11°17	26° 9	16°35	1°44	6°28	5° 8	11°42	8° 2	M27
T 28	0 28 18	5°11'25	18°49	17°27	12°21	18°14	3°42	11°24	26°12	16°37	1°43	6°24	5° 5	11°48	7°59	T 28
W29	0 32 15	6°10'16	2♐50	18°38	13°33	18°52	3°36	11°31	26°15	16°38	1°43	6°20	5° 2	11°55	7°57	W29
T 30	0 36 11	7♎ 9'09	16♐57	19♍55	14♏44	19♍30	3♓31	11♎39	26♌18	16♏40	1♊42	6♍17	4♍58	12♋ 2	7♉55	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	8n13	13s19	5n 7	2s29	4s24	3s19	0n40	12n10	1n 9	10s13	1s20	1s13	2n13	13n56	0n41	14s56	1n44	7n11	13s35	9n 3	9n 7	18n47	13n47	0s40
T 2	7 52	16 5	5 17	2 22	4 26	3 50	0 38	11 56	1 9	10 16	1 20	1 16	2 13	13 55	0 41	14 57	1 44	7 11	13 35	9 3	9 8	18 47	13 46	0 40
F 3	7 30	17 55	5 9	2 10	4 27	4 20	0 35	11 42	1 9	10 19	1 20	1 18	2 13	13 54	0 41	14 57	1 44	7 11	13 35	9 3	9 9	18 47	13 46	0 40
S 4	7 8	18 40	4 41	1 55	4 27	4 51	0 32	11 29	1 9	10 22	1 20	1 21	2 13	13 53	0 41	14 58	1 44	7 11	13 36	9 3	9 10	18 47	13 45	0 40
S 5	6 45	18 12	3 55	1 37	4 25	5 22	0 30	11 15	1 9	10 25	1 21	1 24	2 13	13 52	0 41	14 58	1 44	7 10	13 36	9 3	9 12	18 47	13 45	0 40
M 6	6 23	16 33	2 54	1 14	4 21	5 52	0 27	11 1	1 9	10 28	1 21	1 27	2 12	13 50	0 41	14 58	1 44	7 10	13 36	9 3	9 13	18 47	13 44	0 41
T 7	6 1	13 50	1 42	0 49	4 15	6 22	0 24	10 47	1 9	10 31	1 21	1 29	2 12	13 49	0 41	14 59	1 44	7 10	13 36	9 3	9 14	18 47	13 44	0 41
W 8	5 38	10 16	0 25	0 20	4 8	6 53	0 21	10 33	1 9	10 34	1 21	1 32	2 12	13 48	0 41	14 59	1 44	7 10	13 37	9 3	9 15	18 47	13 43	0 41
T 9	5 16	6 9	0s54	0n12	3 58	7 23	0 18	10 19	1 9	10 37	1 21	1 35	2 12	13 47	0 41	15 0	1 43	7 9	13 37	9 3	9 16	18 47	13 43	0 41
F 10	4 53	1 47	2 8	0 46	3 46	7 53	0 15	10 5	1 9	10 40	1 21	1 38	2 12	13 46	0 41	15 0	1 43	7 9	13 37	9 3	9 17	18 47	13 42	0 41
S 11	4 30	2n35	3 12	1 21	3 33	8 22	0 12	9 50	1 9	10 42	1 21	1 41	2 12	13 45	0 41	15 1	1 43	7 9	13 37	9 3	9 19	18 47	13 41	0 41
S 12	4 8	6 42	4 5	1 58	3 18	8 52	0 9	9 36	1 9	10 45	1 21	1 43	2 12	13 43	0 41	15 1	1 43	7 8	13 38	9 4	9 20	18 47	13 41	0 41
M13	3 45	10 23	4 43	2 35	3 2	9 22	0 6	9 22	1 9	10 48	1 21	1 46	2 12	13 42	0 41	15 1	1 43	7 8	13 38	9 5	9 21	18 47	13 40	0 41
T 14	3 22	13 31	5 7	3 11	2 44	9 51	0 3	9 8	1 9	10 51	1 21	1 49	2 12	13 41	0 41	15 2	1 43	7 8	13 38	9 5	9 22	18 47	13 40	0 42
W15	2 59	15 57	5 16	3 46	2 25	10 20	0s 1	8 53	1 9	10 53	1 21	1 52	2 12	13 40	0 41	15 2	1 43	7 8	13 38	9 6	9 23	18 47	13 39	0 42
T 16	2 36	17 39	5 11	4 19	2 6	10 49	0 4	8 39	1 9	10 56	1 21	1 55	2 12	13 39	0 42	15 3	1 43	7 7	13 39	9 6	9 24	18 47	13 38	0 42
F 17	2 13	18 33	4 52	4 50	1 46	11 17	0 7	8 24	1 9	10 58	1 21	1 58	2 12	13 38	0 42	15 3	1 43	7 7	13 39	9 6	9 26	18 47	13 38	0 42
S 18	1 49	18 38	4 21	5 18	1 27	11 46	0 10	8 10	1 8	11 1	1 21	2 0	2 12	13 37	0 42	15 4	1 43	7 7	13 39	9 6	9 27	18 47	13 37	0 42
S 19	1 26	17 53	3 39	5 42	1 7	12 14	0 14	7 55	1 8	11 3	1 21	2 3	2 12	13 35	0 42	15 4	1 43	7 6	13 39	9 5	9 28	18 47	13 36	0 42
M20	1 3	16 21	2 47	6 2	0 48	12 42	0 17	7 40	1 8	11 6	1 21	2 6	2 12	13 34	0 42	15 5	1 43	7 6	13 40	9 5	9 29	18 47	13 35	0 42
T 21	0 40	14 3	1 47	6 18	0 29	13 9	0 20	7 25	1 8	11 8	1 20	2 9	2 12	13 33	0 42	15 5	1 43	7 6	13 40	9 4	9 30	18 47	13 35	0 42
W22	0 16	11 5	0 41	6 29	0 11	13 37	0 24	7 11	1 8	11 10	1 20	2 12	2 12	13 32	0 42	15 6	1 43	7 6	13 40	9 4	9 31	18 47	13 34	0 42
T 23	0s 7	7 33	0n29	6 36	0n 6	14 4	0 27	6 56	1 8	11 13	1 20	2 15	2 12	13 31	0 42	15 6	1 43	7 5	13 40	9 4	9 33	18 47	13 33	0 43
F 24	0 30	3 36	1 38	6 39	0 21	14 30	0 30	6 41	1 8	11 15	1 20	2 18	2 12	13 30	0 42	15 7	1 43	7 5	13 40	9 4	9 34	18 47	13 32	0 43
S 25	0 54	0s37	2 43	6 37	0 36	14 57	0 34	6 26	1 8	11 17	1 20	2 21	2 12	13 29	0 42	15 7	1 43	7 5	13 41	9 5	9 35	18 47	13 31	0 43
S 26	1 17	4 53	3 41	6 30	0 49	15 23	0 37	6 11	1 8	11 19	1 20	2 23	2 12	13 28	0 42	15 8	1 43	7 4	13 41	9 6	9 36	18 47	13 31	0 43
M27	1 40	8 58	4 27	6 19	1 1	15 49	0 41	5 56	1 8	11 21	1 20	2 26	2 12	13 27	0 42	15 8	1 43	7 4	13 41	9 8	9 37	18 47	13 30	0 43
T 28	2 4	12 37	4 58	6 4	1 12	16 14	0 44	5 41	1 8	11 23	1 20	2 29	2 12	13 26	0 42	15 9	1 43	7 4	13 41	9 9	9 38	18 47	13 29	0 43
W29	2 27	15 36	5 12	5 45	1 22	16 39	0 47	5 26	1 8	11 25	1 20	2 32	2 12	13 25	0 42	15 9	1 43	7 3	13 42	9 11	9 40	18 47	13 28	0 43
T 30	2s50	17s41	5n 7	5n22	1n30	17s 3	0s51	5n11	1n 8	11s27	1s20	2s35	2n12	13n24	0n42	15s10	1n43	7n 3	13s42	9n12	9n41	18n47	13n27	0s43

Julian Day Number = 2498539.5, Delta T = 108.18 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'17, Lahiri = 25°39'18

ASTRODIENST EPHEMERIS for the year 2128
geocentric

OCTOBER 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 40 8	8♎ 8'04	1♑ 7	21♍18	15♏56	20♍ 8	3°R26	11♎46	26♌21	16♏42	1°R41	6°R16	4♍55	12♋ 8	7°R52	F 1
S 2	0 44 5	9° 7'01	15°18	22°44	17° 7	20°46	3♓20	11°54	26°24	16°44	1♊41	6°D16	4°52	12°15	7♉50	S 2
S 3	0 48 1	10° 5'59	29°28	24°15	18°18	21°24	3°16	12° 1	26°27	16°46	1°40	6♍17	4°49	12°22	7°47	S 3
M 4	0 51 58	11° 4'59	13♒35	25°49	19°30	22° 3	3°11	12° 8	26°30	16°48	1°40	6°19	4°46	12°28	7°45	M 4
T 5	0 55 54	12° 4'00	27°38	27°26	20°41	22°41	3° 6	12°16	26°33	16°50	1°39	6°20	4°43	12°35	7°42	T 5
W 6	0 59 51	13° 3'03	11♓34	29° 6	21°52	23°19	3° 2	12°23	26°36	16°52	1°38	6°R20	4°39	12°42	7°40	W 6
T 7	1 3 47	14° 2'08	25°21	0♎47	23° 3	23°57	2°58	12°31	26°39	16°53	1°38	6°18	4°36	12°49	7°37	T 7
F 8	1 7 44	15° 1'16	8♈56	2°29	24°14	24°35	2°54	12°38	26°41	16°55	1°37	6°15	4°33	12°55	7°35	F 8
S 9	1 11 40	16° 0'25	22°17	4°13	25°25	25°13	2°50	12°45	26°44	16°57	1°36	6°10	4°30	13° 2	7°32	S 9
S 10	1 15 37	16°59'36	5♉23	5°58	26°36	25°51	2°46	12°53	26°47	16°59	1°35	6° 3	4°27	13° 9	7°29	S 10
M11	1 19 33	17°58'49	18°11	7°43	27°47	26°29	2°43	13° 0	26°50	17° 1	1°35	5°56	4°23	13°15	7°27	M11
T 12	1 23 30	18°58'05	0♊43	9°28	28°58	27° 8	2°39	13° 7	26°52	17° 3	1°34	5°48	4°20	13°22	7°24	T 12
W13	1 27 27	19°57'22	13° 0	11°14	0♐ 9	27°46	2°36	13°15	26°55	17° 5	1°33	5°42	4°17	13°29	7°21	W13
T 14	1 31 23	20°56'42	25° 5	12°59	1°20	28°24	2°33	13°22	26°57	17° 8	1°32	5°36	4°14	13°35	7°19	T 14
F 15	1 35 20	21°56'05	7♋ 0	14°44	2°30	29° 2	2°31	13°29	27° 0	17°10	1°31	5°33	4°11	13°42	7°16	F 15
S 16	1 39 16	22°55'29	18°51	16°29	3°41	29°40	2°28	13°37	27° 2	17°12	1°31	5°D32	4° 8	13°49	7°13	S 16
S 17	1 43 13	23°54'56	0♌42	18°14	4°52	0♎18	2°26	13°44	27° 5	17°14	1°30	5°32	4° 4	13°55	7°10	S 17
M18	1 47 9	24°54'25	12°39	19°58	6° 2	0°56	2°24	13°51	27° 7	17°16	1°29	5°33	4° 1	14° 2	7° 7	M18
T 19	1 51 6	25°53'57	24°47	21°42	7°12	1°35	2°22	13°59	27°10	17°18	1°28	5°34	3°58	14° 9	7° 5	T 19
W20	1 55 2	26°53'30	7♍10	23°25	8°23	2°13	2°20	14° 6	27°12	17°20	1°27	5°R35	3°55	14°16	7° 2	W20
T 21	1 58 59	27°53'06	19°52	25° 7	9°33	2°51	2°19	14°13	27°14	17°22	1°26	5°33	3°52	14°22	6°59	T 21
F 22	2 2 56	28°52'44	2♎57	26°50	10°43	3°29	2°17	14°20	27°16	17°24	1°25	5°30	3°49	14°29	6°56	F 22
S 23	2 6 52	29°52'24	16°24	28°31	11°54	4° 7	2°16	14°28	27°19	17°27	1°24	5°25	3°45	14°36	6°53	S 23
S 24	2 10 49	0♏52'07	0♏13	0♏12	13° 4	4°45	2°15	14°35	27°21	17°29	1°23	5°17	3°42	14°42	6°50	S 24
M25	2 14 45	1°51'51	14°21	1°52	14°14	5°24	2°14	14°42	27°23	17°31	1°22	5° 8	3°39	14°49	6°47	M25
T 26	2 18 42	2°51'37	28°42	3°32	15°24	6° 2	2°14	14°49	27°25	17°33	1°21	4°58	3°36	14°56	6°44	T 26
W27	2 22 38	3°51'25	13♐10	5°11	16°33	6°40	2°14	14°56	27°27	17°35	1°20	4°49	3°33	15° 2	6°42	W27
T 28	2 26 35	4°51'15	27°39	6°50	17°43	7°18	2°D13	15° 3	27°29	17°37	1°19	4°42	3°29	15° 9	6°39	T 28
F 29	2 30 31	5°51'07	12♑ 3	8°28	18°53	7°56	2°13	15°11	27°31	17°40	1°18	4°37	3°26	15°16	6°36	F 29
S 30	2 34 28	6°51'00	26°19	10° 6	20° 3	8°35	2°14	15°18	27°33	17°42	1°17	4°35	3°23	15°22	6°33	S 30
S 31	2 38 25	7♏50'55	10♒24	11♏43	21♐12	9♎13	2♓14	15♎25	27♌34	17♏44	1♊16	4°D35	3♍20	15♋29	6♉30	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	3s13	18s41	4n44	4n56	1n37	17s28	0s54	4n56	1n 8	11s29	1s20	2s38	2n12	13n23	0n42	15s11	1n43	7n 3	13s42	9n12	9n42	18n47	13n26	0s43
S 2	3 37	18 31	4 3	4 27	1 43	17 51	0 58	4 41	1 7	11 31	1 20	2 41	2 12	13 22	0 42	15 11	1 42	7 2	13 42	9 12	9 43	18 47	13 25	0 43
S 3	4 0	17 11	3 8	3 55	1 47	18 15	1 1	4 26	1 7	11 32	1 20	2 43	2 12	13 21	0 42	15 12	1 42	7 2	13 42	9 12	9 44	18 47	13 25	0 44
M 4	4 23	14 48	2 1	3 21	1 51	18 38	1 5	4 11	1 7	11 34	1 19	2 46	2 12	13 20	0 42	15 12	1 42	7 2	13 43	9 11	9 45	18 47	13 24	0 44
T 5	4 46	11 33	0 47	2 45	1 53	19 0	1 8	3 56	1 7	11 35	1 19	2 49	2 12	13 19	0 42	15 13	1 42	7 2	13 43	9 11	9 47	18 47	13 23	0 44
W 6	5 9	7 40	0s28	2 7	1 55	19 22	1 11	3 41	1 7	11 37	1 19	2 52	2 12	13 18	0 42	15 13	1 42	7 1	13 43	9 11	9 48	18 47	13 22	0 44
T 7	5 32	3 24	1 42	1 27	1 55	19 44	1 15	3 26	1 7	11 38	1 19	2 55	2 12	13 17	0 42	15 14	1 42	7 1	13 43	9 11	9 49	18 46	13 21	0 44
F 8	5 55	0n58	2 48	0 46	1 55	20 5	1 18	3 10	1 7	11 40	1 19	2 58	2 12	13 16	0 42	15 15	1 42	7 1	13 43	9 13	9 50	18 46	13 20	0 44
S 9	6 18	5 13	3 43	0 4	1 54	20 25	1 22	2 55	1 7	11 41	1 19	3 1	2 12	13 15	0 42	15 15	1 42	7 0	13 43	9 15	9 51	18 46	13 19	0 44
S 10	6 40	9 7	4 26	0s39	1 53	20 45	1 25	2 40	1 7	11 42	1 19	3 3	2 12	13 14	0 42	15 16	1 42	7 0	13 44	9 17	9 52	18 46	13 18	0 44
M11	7 3	12 31	4 54	1 22	1 50	21 5	1 28	2 25	1 6	11 43	1 19	3 6	2 12	13 13	0 42	15 16	1 42	7 0	13 44	9 20	9 54	18 46	13 17	0 44
T 12	7 25	15 16	5 8	2 6	1 48	21 24	1 31	2 9	1 6	11 44	1 18	3 9	2 12	13 12	0 42	15 17	1 42	6 59	13 44	9 23	9 55	18 46	13 16	0 44
W13	7 48	17 17	5 6	2 50	1 44	21 43	1 35	1 54	1 6	11 45	1 18	3 12	2 12	13 12	0 42	15 18	1 42	6 59	13 44	9 25	9 56	18 46	13 15	0 45
T 14	8 10	18 29	4 51	3 35	1 40	22 0	1 38	1 39	1 6	11 46	1 18	3 15	2 12	13 11	0 42	15 18	1 42	6 59	13 44	9 27	9 57	18 46	13 14	0 45
F 15	8 32	18 51	4 24	4 19	1 36	22 18	1 41	1 24	1 6	11 47	1 18	3 17	2 12	13 10	0 42	15 19	1 42	6 58	13 44	9 28	9 58	18 46	13 13	0 45
S 16	8 54	18 23	3 45	5 4	1 32	22 35	1 44	1 8	1 6	11 48	1 18	3 20	2 12	13 9	0 42	15 19	1 42	6 58	13 45	9 29	9 59	18 46	13 12	0 45
S 17	9 16	17 6	2 57	5 48	1 27	22 51	1 47	0 53	1 6	11 49	1 18	3 23	2 12	13 8	0 42	15 20	1 42	6 58	13 45	9 29	10 0	18 46	13 11	0 45
M18	9 38	15 4	2 0	6 32	1 22	23 7	1 50	0 38	1 6	11 49	1 18	3 26	2 12	13 8	0 42	15 21	1 42	6 58	13 45	9 28	10 2	18 45	13 10	0 45
T 19	10 0	12 21	0 58	7 16	1 16	23 22	1 54	0 22	1 5	11 50	1 17	3 29	2 12	13 7	0 42	15 21	1 42	6 57	13 45	9 28	10 3	18 45	13 9	0 45
W20	10 21	9 0	0n 9	8 0	1 10	23 36	1 56	0 7	1 5	11 50	1 17	3 31	2 12	13 6	0 43	15 22	1 42	6 57	13 45	9 28	10 4	18 45	13 8	0 45
T 21	10 43	5 11	1 16	8 43	1 5	23 50	1 59	0s 8	1 5	11 51	1 17	3 34	2 12	13 5	0 43	15 22	1 42	6 57	13 45	9 28	10 5	18 45	13 7	0 45
F 22	11 4	1 0	2 22	9 25	0 58	24 3	2 2	0 23	1 5	11 51	1 17	3 37	2 13	13 5	0 43	15 23	1 42	6 56	13 45	9 29	10 6	18 45	13 6	0 45
S 23	11 25	3s21	3 21	10 8	0 52	24 16	2 5	0 39	1 5	11 51	1 17	3 39	2 13	13 4	0 43	15 24	1 42	6 56	13 46	9 31	10 7	18 45	13 5	0 46
S 24	11 46	7 38	4 10	10 49	0 46	24 28	2 8	0 54	1 5	11 51	1 17	3 42	2 13	13 3	0 43	15 24	1 42	6 56	13 46	9 34	10 9	18 45	13 4	0 46
M25	12 7	11 35	4 45	11 30	0 39	24 39	2 11	1 9	1 4	11 51	1 16	3 45	2 13	13 2	0 43	15 25	1 42	6 55	13 46	9 37	10 10	18 45	13 3	0 46
T 26	12 27	14 56	5 3	12 10	0 33	24 50	2 13	1 25	1 4	11 52	1 16	3 48	2 13	13 2	0 43	15 25	1 42	6 55	13 46	9 41	10 11	18 44	13 2	0 46
W27	12 48	17 23	5 1	12 50	0 26	25 0	2 16	1 40	1 4	11 51	1 16	3 50	2 13	13 1	0 43	15 26	1 42	6 55	13 46	9 44	10 12	18 44	13 1	0 46
T 28	13 8	18 43	4 41	13 29	0 19	25 9	2 18	1 55	1 4	11 51	1 16	3 53	2 13	13 0	0 43	15 27	1 42	6 55	13 46	9 47	10 13	18 44	13 0	0 46
F 29	13 28	18 51	4 2	14 7	0 13	25 18	2 21	2 10	1 4	11 51	1 16	3 55	2 13	13 0	0 43	15 27	1 42	6 54	13 46	9 48	10 14	18 44	12 59	0 46
S 30	13 47	17 46	3 9	14 44	0 6	25 26	2 23	2 25	1 4	11 51	1 16	3 58	2 13	12 59	0 43	15 28	1 42	6 54	13 46	9 49	10 15	18 44	12 58	0 46
S 31	14s 7	15s37	2n 5	15s21	0s 1	25s33	2s26	2s41	1n 3	11s51	1s15	4s 1	2n13	12n59	0n43	15s29	1n42	6n54	13s46	9n49	10n17	18n44	12n57	0s46

Julian Day Number = 2498569.5, Delta T = 108.23 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'21, Lahiri = 25°39'22

ASTRODIENST EPHEMERIS for the year 2128
geocentric

NOVEMBER 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 42 21	8♏50'51	24♒18	13♏19	22♐21	9♎51	2♓15	15♎32	27♌36	17♏46	1°R15	4♍35	3♍17	15♋36	6°R27	M 1
T 2	2 46 18	9°50'49	8♓ 1	14°55	23°31	10°29	2°16	15°39	27°38	17°49	1♊14	4°R35	3°14	15°43	6♉24	T 2
W 3	2 50 14	10°50'48	21°33	16°31	24°40	11° 7	2°17	15°46	27°40	17°51	1°13	4°34	3°10	15°49	6°21	W 3
T 4	2 54 11	11°50'49	4♈54	18° 6	25°49	11°45	2°18	15°52	27°41	17°53	1°12	4°31	3° 7	15°56	6°18	T 4
F 5	2 58 7	12°50'52	18° 6	19°40	26°58	12°24	2°20	15°59	27°43	17°55	1°11	4°24	3° 4	16° 3	6°15	F 5
S 6	3 2 4	13°50'57	1♉ 6	21°15	28° 7	13° 2	2°22	16° 6	27°44	17°58	1°10	4°15	3° 1	16° 9	6°13	S 6
S 7	3 6 0	14°51'03	13°54	22°48	29°16	13°40	2°23	16°13	27°46	18° 0	1° 9	4° 3	2°58	16°16	6°10	S 7
M 8	3 9 57	15°51'11	26°30	24°22	0♑24	14°18	2°26	16°20	27°47	18° 2	1° 8	3°50	2°55	16°23	6° 7	M 8
T 9	3 13 54	16°51'21	8♊53	25°55	1°33	14°56	2°28	16°26	27°48	18° 4	1° 7	3°37	2°51	16°29	6° 4	T 9
W10	3 17 50	17°51'33	21° 4	27°27	2°41	15°35	2°30	16°33	27°50	18° 6	1° 6	3°25	2°48	16°36	6° 1	W10
T 11	3 21 47	18°51'47	3♋ 5	29° 0	3°49	16°13	2°33	16°40	27°51	18° 9	1° 5	3°15	2°45	16°43	5°58	T 11
F 12	3 25 43	19°52'03	14°58	0♐32	4°57	16°51	2°36	16°46	27°52	18°11	1° 4	3° 7	2°42	16°49	5°55	F 12
S 13	3 29 40	20°52'20	26°47	2° 3	6° 5	17°29	2°39	16°53	27°53	18°13	1° 3	3° 2	2°39	16°56	5°53	S 13
S 14	3 33 36	21°52'40	8♌36	3°35	7°13	18° 8	2°42	16°59	27°54	18°15	1° 1	3° 0	2°35	17° 3	5°50	S 14
M15	3 37 33	22°53'02	20°31	5° 6	8°21	18°46	2°46	17° 6	27°56	18°18	1° 0	2°D59	2°32	17° 9	5°47	M15
T 16	3 41 29	23°53'25	2♍35	6°36	9°28	19°24	2°50	17°12	27°57	18°20	0°59	2°R59	2°29	17°16	5°44	T 16
W17	3 45 26	24°53'50	14°57	8° 7	10°36	20° 2	2°53	17°19	27°57	18°22	0°58	2°58	2°26	17°23	5°42	W17
T 18	3 49 23	25°54'18	27°39	9°37	11°43	20°41	2°57	17°25	27°58	18°24	0°57	2°57	2°23	17°29	5°39	T 18
F 19	3 53 19	26°54'47	10♎46	11° 6	12°50	21°19	3° 2	17°31	27°59	18°27	0°56	2°52	2°20	17°36	5°36	F 19
S 20	3 57 16	27°55'17	24°22	12°35	13°57	21°57	3° 6	17°38	28° 0	18°29	0°55	2°45	2°16	17°43	5°34	S 20
S 21	4 1 12	28°55'50	8♏25	14° 4	15° 3	22°35	3°11	17°44	28° 1	18°31	0°54	2°35	2°13	17°50	5°31	S 21
M22	4 5 9	29°56'24	22°52	15°33	16°10	23°14	3°16	17°50	28° 1	18°33	0°52	2°24	2°10	17°56	5°28	M22
T 23	4 9 5	0♐57'00	7♐37	17° 1	17°16	23°52	3°21	17°56	28° 2	18°36	0°51	2°11	2° 7	18° 3	5°26	T 23
W24	4 13 2	1°57'37	22°32	18°28	18°22	24°30	3°26	18° 2	28° 2	18°38	0°50	2° 0	2° 4	18°10	5°23	W24
T 25	4 16 58	2°58'16	7♑27	19°55	19°28	25° 8	3°31	18° 8	28° 3	18°40	0°49	1°50	2° 1	18°16	5°21	T 25
F 26	4 20 55	3°58'56	22°14	21°21	20°34	25°47	3°37	18°14	28° 3	18°42	0°48	1°44	1°57	18°23	5°18	F 26
S 27	4 24 52	4°59'37	6♒46	22°47	21°39	26°25	3°42	18°20	28° 4	18°44	0°47	1°40	1°54	18°30	5°16	S 27
S 28	4 28 48	6° 0'19	21° 0	24°12	22°45	27° 3	3°48	18°26	28° 4	18°47	0°46	1°38	1°51	18°36	5°13	S 28
M29	4 32 45	7° 1'02	4♓55	25°36	23°50	27°41	3°54	18°31	28° 4	18°49	0°45	1°38	1°48	18°43	5°11	M29
T 30	4 36 41	8♐ 1'46	18♓31	26♐59	24♑54	28♎20	4♓ 0	18♎37	28♌ 5	18♏51	0♊43	1♍38	1♍45	18♋50	5♉ 9	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	14s26	12s33	0n55	15s57	0s 8	25s40	2s28	2s56	1n 3	11s50	1s15	4s 3	2n13	12n58	0n43	15s29	1n42	6n53	13s46	9n49	10n18	18n44	12n56	0s46
T 2	14 45	8 50	0s18	16 32	0 14	25 46	2 30	3 11	1 3	11 50	1 15	4 6	2 14	12 58	0 43	15 30	1 42	6 53	13 47	9 49	10 19	18 43	12 55	0 46
W 3	15 4	4 43	1 29	17 6	0 21	25 51	2 32	3 26	1 3	11 49	1 15	4 8	2 14	12 57	0 43	15 30	1 42	6 53	13 47	9 50	10 20	18 43	12 54	0 46
T 4	15 23	0 24	2 34	17 39	0 28	25 55	2 34	3 41	1 3	11 48	1 15	4 11	2 14	12 56	0 43	15 31	1 42	6 53	13 47	9 51	10 21	18 43	12 53	0 47
F 5	15 41	3n52	3 29	18 11	0 34	25 59	2 36	3 56	1 2	11 48	1 15	4 13	2 14	12 56	0 43	15 32	1 42	6 52	13 47	9 53	10 22	18 43	12 52	0 47
S 6	15 59	7 53	4 13	18 43	0 41	26 2	2 38	4 11	1 2	11 47	1 14	4 16	2 14	12 56	0 43	15 32	1 42	6 52	13 47	9 57	10 23	18 43	12 51	0 47
S 7	16 17	11 29	4 43	19 13	0 47	26 5	2 40	4 26	1 2	11 46	1 14	4 18	2 14	12 55	0 43	15 33	1 42	6 52	13 47	10 1	10 25	18 42	12 50	0 47
M 8	16 34	14 31	4 59	19 43	0 54	26 6	2 41	4 41	1 2	11 45	1 14	4 21	2 14	12 55	0 43	15 34	1 42	6 52	13 47	10 6	10 26	18 42	12 49	0 47
T 9	16 52	16 49	5 0	20 11	1 0	26 7	2 43	4 56	1 2	11 44	1 14	4 23	2 14	12 54	0 43	15 34	1 42	6 51	13 47	10 10	10 27	18 42	12 48	0 47
W10	17 8	18 21	4 47	20 39	1 6	26 8	2 44	5 11	1 1	11 43	1 14	4 26	2 14	12 54	0 43	15 35	1 42	6 51	13 47	10 15	10 28	18 42	12 47	0 47
T 11	17 25	19 1	4 22	21 6	1 12	26 7	2 46	5 26	1 1	11 42	1 13	4 28	2 15	12 53	0 43	15 35	1 42	6 51	13 47	10 18	10 29	18 42	12 46	0 47
F 12	17 41	18 51	3 45	21 31	1 18	26 6	2 47	5 41	1 1	11 41	1 13	4 31	2 15	12 53	0 43	15 36	1 42	6 51	13 47	10 21	10 30	18 42	12 45	0 47
S 13	17 58	17 51	2 59	21 56	1 24	26 5	2 48	5 55	1 1	11 39	1 13	4 33	2 15	12 53	0 43	15 37	1 42	6 50	13 47	10 23	10 31	18 41	12 44	0 47
S 14	18 13	16 5	2 5	22 19	1 30	26 2	2 49	6 10	1 1	11 38	1 13	4 35	2 15	12 52	0 44	15 37	1 42	6 50	13 47	10 24	10 33	18 41	12 43	0 47
M15	18 29	13 36	1 6	22 41	1 35	25 59	2 50	6 25	1 0	11 37	1 13	4 38	2 15	12 52	0 44	15 38	1 42	6 50	13 47	10 24	10 34	18 41	12 42	0 47
T 16	18 44	10 31	0 2	23 3	1 40	25 55	2 51	6 40	1 0	11 35	1 13	4 40	2 15	12 52	0 44	15 39	1 42	6 50	13 47	10 24	10 35	18 41	12 41	0 47
W17	18 59	6 54	1n 3	23 23	1 45	25 51	2 51	6 54	1 0	11 34	1 12	4 42	2 15	12 51	0 44	15 39	1 42	6 50	13 47	10 24	10 36	18 40	12 40	0 47
T 18	19 13	2 52	2 7	23 41	1 50	25 45	2 52	7 9	1 0	11 32	1 12	4 45	2 16	12 51	0 44	15 40	1 42	6 49	13 47	10 25	10 37	18 40	12 39	0 48
F 19	19 27	1s25	3 6	23 59	1 55	25 40	2 52	7 23	0 59	11 30	1 12	4 47	2 16	12 51	0 44	15 40	1 42	6 49	13 47	10 27	10 38	18 40	12 38	0 48
S 20	19 41	5 46	3 56	24 16	1 59	25 33	2 53	7 38	0 59	11 29	1 12	4 49	2 16	12 51	0 44	15 41	1 42	6 49	13 47	10 29	10 39	18 40	12 37	0 48
S 21	19 54	9 58	4 34	24 31	2 3	25 26	2 53	7 52	0 59	11 27	1 12	4 51	2 16	12 50	0 44	15 42	1 42	6 49	13 47	10 33	10 41	18 40	12 36	0 48
M22	20 7	13 42	4 56	24 45	2 7	25 18	2 53	8 7	0 59	11 25	1 11	4 53	2 16	12 50	0 44	15 42	1 42	6 49	13 47	10 37	10 42	18 39	12 35	0 48
T 23	20 20	16 39	4 59	24 57	2 11	25 10	2 53	8 21	0 58	11 23	1 11	4 56	2 16	12 50	0 44	15 43	1 42	6 48	13 47	10 41	10 43	18 39	12 34	0 48
W24	20 32	18 32	4 41	25 9	2 14	25 1	2 53	8 35	0 58	11 21	1 11	4 58	2 17	12 50	0 44	15 43	1 42	6 48	13 47	10 45	10 44	18 39	12 33	0 48
T 25	20 44	19 8	4 5	25 19	2 17	24 51	2 52	8 49	0 58	11 19	1 11	5 0	2 17	12 50	0 44	15 44	1 42	6 48	13 47	10 49	10 45	18 39	12 32	0 48
F 26	20 56	18 26	3 12	25 28	2 20	24 41	2 52	9 4	0 58	11 17	1 11	5 2	2 17	12 50	0 44	15 44	1 42	6 48	13 47	10 51	10 46	18 38	12 32	0 48
S 27	21 7	16 31	2 7	25 35	2 22	24 30	2 51	9 18	0 57	11 14	1 11	5 4	2 17	12 50	0 44	15 45	1 42	6 48	13 47	10 52	10 47	18 38	12 31	0 48
S 28	21 18	13 36	0 56	25 41	2 24	24 18	2 50	9 32	0 57	11 12	1 10	5 6	2 17	12 50	0 44	15 46	1 42	6 48	13 47	10 53	10 48	18 38	12 30	0 48
M29	21 28	9 58	0s17	25 46	2 25	24 6	2 49	9 46	0 57	11 10	1 10	5 8	2 18	12 50	0 44	15 46	1 42	6 47	13 47	10 53	10 50	18 38	12 29	0 48
T 30	21s38	5s53	1s28	25s49	2s26	23s53	2s48	10s 0	0n56	11s 7	1s10	5s10	2n18	12n50	0n44	15s47	1n42	6n47	13s47	10n53	10n51	18n37	12n28	0s48

Julian Day Number = 2498600.5, Delta T = 108.28 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'26, Lahiri = 25°39'26

ASTRODIENST EPHEMERIS for the year 2128
geocentric

DECEMBER 2128 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 40 38	9♐ 2'31	1♈51	28♐21	25♑59	28♎58	4♓ 7	18♎43	28♌ 5	18♏53	0°R42	1°R36	1♍41	18♋56	5°R 6	W 1
T 2	4 44 34	10° 3'17	14°55	29°41	27° 3	29°36	4°13	18°48	28° 5	18°55	0♊41	1♍32	1°38	19° 3	5♉ 4	T 2
F 3	4 48 31	11° 4'04	27°46	1♑ 0	28° 7	0♏15	4°20	18°54	28°R 5	18°57	0°40	1°25	1°35	19°10	5° 2	F 3
S 4	4 52 27	12° 4'52	10♉27	2°17	29°10	0°53	4°27	18°59	28° 5	18°59	0°39	1°15	1°32	19°16	5° 0	S 4
S 5	4 56 24	13° 5'41	22°57	3°32	0♒14	1°31	4°34	19° 4	28° 5	19° 1	0°38	1° 3	1°29	19°23	4°58	S 5
M 6	5 0 21	14° 6'31	5♊17	4°45	1°17	2° 9	4°41	19° 9	28° 5	19° 4	0°37	0°49	1°26	19°30	4°55	M 6
T 7	5 4 17	15° 7'22	17°28	5°55	2°19	2°48	4°49	19°15	28° 4	19° 6	0°36	0°35	1°22	19°36	4°53	T 7
W 8	5 8 14	16° 8'14	29°32	7° 2	3°22	3°26	4°56	19°20	28° 4	19° 8	0°35	0°22	1°19	19°43	4°51	W 8
T 9	5 12 10	17° 9'07	11♋27	8° 6	4°24	4° 4	5° 4	19°25	28° 4	19°10	0°34	0°10	1°16	19°50	4°49	T 9
F 10	5 16 7	18°10'02	23°18	9° 5	5°25	4°42	5°12	19°30	28° 4	19°12	0°32	0° 2	1°13	19°56	4°47	F 10
S 11	5 20 3	19°10'57	5♌ 5	10° 0	6°27	5°21	5°19	19°35	28° 3	19°14	0°31	29♌56	1°10	20° 3	4°46	S 11
S 12	5 24 0	20°11'54	16°54	10°49	7°27	5°59	5°28	19°40	28° 3	19°16	0°30	29°53	1° 7	20°10	4°44	S 12
M13	5 27 56	21°12'51	28°46	11°32	8°28	6°37	5°36	19°44	28° 2	19°18	0°29	29°D52	1° 3	20°17	4°42	M13
T 14	5 31 53	22°13'50	10♍49	12° 8	9°28	7°16	5°44	19°49	28° 2	19°20	0°28	29°53	1° 0	20°23	4°40	T 14
W15	5 35 50	23°14'50	23° 6	12°37	10°27	7°54	5°53	19°54	28° 1	19°22	0°27	29°R53	0°57	20°30	4°39	W15
T 16	5 39 46	24°15'51	5♎43	12°56	11°27	8°32	6° 2	19°58	28° 0	19°24	0°26	29°52	0°54	20°37	4°37	T 16
F 17	5 43 43	25°16'53	18°46	13°R 7	12°25	9°10	6°10	20° 2	28° 0	19°26	0°25	29°50	0°51	20°43	4°35	F 17
S 18	5 47 39	26°17'56	2♏17	13° 7	13°23	9°49	6°19	20° 7	27°59	19°27	0°24	29°45	0°47	20°50	4°34	S 18
S 19	5 51 36	27°19'00	16°18	12°56	14°21	10°27	6°28	20°11	27°58	19°29	0°23	29°37	0°44	20°57	4°32	S 19
M20	5 55 32	28°20'05	0♐48	12°33	15°18	11° 5	6°38	20°15	27°57	19°31	0°22	29°28	0°41	21° 3	4°31	M20
T 21	5 59 29	29°21'10	15°42	11°59	16°15	11°44	6°47	20°19	27°56	19°33	0°21	29°18	0°38	21°10	4°29	T 21
W22	6 3 25	0♑22'17	0♑51	11°13	17°11	12°22	6°57	20°23	27°55	19°35	0°20	29° 9	0°35	21°17	4°28	W22
T 23	6 7 22	1°23'24	16° 6	10°17	18° 7	13° 0	7° 6	20°27	27°54	19°37	0°19	29° 1	0°32	21°23	4°27	T 23
F 24	6 11 19	2°24'31	1♒14	9°11	19° 2	13°39	7°16	20°31	27°53	19°38	0°18	28°56	0°28	21°30	4°25	F 24
S 25	6 15 15	3°25'39	16° 7	7°57	19°56	14°17	7°26	20°35	27°52	19°40	0°17	28°53	0°25	21°37	4°24	S 25
S 26	6 19 12	4°26'46	0♓40	6°38	20°50	14°55	7°36	20°39	27°51	19°42	0°17	28°D52	0°22	21°43	4°23	S 26
M27	6 23 8	5°27'54	14°47	5°16	21°43	15°33	7°46	20°42	27°49	19°44	0°16	28°53	0°19	21°50	4°22	M27
T 28	6 27 5	6°29'02	28°30	3°53	22°35	16°12	7°56	20°46	27°48	19°45	0°15	28°54	0°16	21°57	4°21	T 28
W29	6 31 1	7°30'10	11♈50	2°34	23°26	16°50	8° 7	20°49	27°47	19°47	0°14	28°R54	0°13	22° 3	4°20	W29
T 30	6 34 58	8°31'18	24°49	1°19	24°17	17°28	8°17	20°52	27°45	19°49	0°13	28°52	0° 9	22°10	4°19	T 30
F 31	6 38 54	9♑32'26	7♉31	0♑12	25♒ 7	18♏ 7	8♓28	20♎55	27♌44	19♏50	0♊12	28♌49	0♍ 6	22♋17	4♉18	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	1s36	2s32	25s51	2s26	23s40	2s47	10s13	0n56	11s 5	1s10	5s12	2n18	12n49	0n44	15s47	1n42	6n47	13s47	10n54	10n52	18n37	12n27	0s48
T 2	21 56	2n41	3 27	25 51	2 26	23 26	2 46	10 27	0 56	11 2	1 10	5 14	2 18	12 50	0 44	15 48	1 42	6 47	13 47	10 55	10 53	18 37	12 26	0 48
F 3	22 5	6 46	4 11	25 50	2 25	23 12	2 44	10 41	0 55	11 0	1 10	5 16	2 18	12 50	0 44	15 48	1 42	6 47	13 46	10 58	10 54	18 37	12 26	0 48
S 4	22 13	10 29	4 41	25 48	2 24	22 57	2 43	10 55	0 55	10 57	1 9	5 17	2 18	12 50	0 44	15 49	1 42	6 47	13 46	11 1	10 55	18 36	12 25	0 48
S 5	22 21	13 42	4 57	25 44	2 22	22 42	2 41	11 8	0 55	10 54	1 9	5 19	2 19	12 50	0 44	15 50	1 42	6 47	13 46	11 6	10 56	18 36	12 24	0 49
M 6	22 29	16 15	4 59	25 39	2 19	22 26	2 39	11 22	0 55	10 51	1 9	5 21	2 19	12 50	0 45	15 50	1 42	6 46	13 46	11 10	10 58	18 36	12 23	0 49
T 7	22 35	18 3	4 48	25 33	2 16	22 10	2 36	11 35	0 54	10 49	1 9	5 23	2 19	12 50	0 45	15 51	1 42	6 46	13 46	11 15	10 59	18 35	12 23	0 49
W 8	22 42	19 2	4 23	25 25	2 11	21 53	2 34	11 48	0 54	10 46	1 9	5 25	2 19	12 50	0 45	15 51	1 42	6 46	13 46	11 20	11 0	18 35	12 22	0 49
T 9	22 48	19 9	3 47	25 16	2 6	21 36	2 32	12 1	0 54	10 43	1 9	5 26	2 20	12 50	0 45	15 52	1 42	6 46	13 46	11 24	11 1	18 35	12 21	0 49
F 10	22 54	18 26	3 1	25 6	2 0	21 18	2 29	12 15	0 53	10 40	1 8	5 28	2 20	12 50	0 45	15 52	1 42	6 46	13 46	11 27	11 2	18 35	12 21	0 49
S 11	22 59	16 55	2 8	24 55	1 53	21 0	2 26	12 28	0 53	10 37	1 8	5 30	2 20	12 50	0 45	15 53	1 42	6 46	13 46	11 29	11 3	18 34	12 20	0 49
S 12	23 4	14 40	1 9	24 43	1 44	20 42	2 23	12 41	0 53	10 33	1 8	5 31	2 20	12 51	0 45	15 53	1 42	6 46	13 46	11 30	11 4	18 34	12 19	0 49
M13	23 8	11 48	0 6	24 30	1 35	20 23	2 20	12 54	0 52	10 30	1 8	5 33	2 20	12 51	0 45	15 54	1 42	6 46	13 45	11 30	11 5	18 34	12 19	0 49
T 14	23 12	8 24	0n58	24 16	1 24	20 3	2 16	13 6	0 52	10 27	1 8	5 34	2 21	12 51	0 45	15 54	1 42	6 46	13 45	11 30	11 7	18 33	12 18	0 49
W15	23 15	4 35	2 1	24 1	1 12	19 44	2 13	13 19	0 51	10 24	1 8	5 36	2 21	12 51	0 45	15 55	1 42	6 46	13 45	11 30	11 8	18 33	12 17	0 49
T 16	23 18	0 28	2 59	23 46	0 59	19 24	2 9	13 32	0 51	10 20	1 8	5 37	2 21	12 52	0 45	15 55	1 42	6 46	13 45	11 30	11 9	18 33	12 17	0 49
F 17	23 20	3s48	3 50	23 31	0 44	19 3	2 5	13 44	0 51	10 17	1 7	5 39	2 21	12 52	0 45	15 56	1 42	6 46	13 45	11 31	11 10	18 32	12 16	0 49
S 18	23 22	8 1	4 30	23 15	0 28	18 43	2 0	13 57	0 50	10 14	1 7	5 40	2 22	12 52	0 45	15 56	1 42	6 46	13 45	11 33	11 11	18 32	12 16	0 49
S 19	23 24	11 58	4 56	22 59	0 11	18 22	1 56	14 9	0 50	10 10	1 7	5 42	2 22	12 53	0 45	15 57	1 42	6 46	13 45	11 36	11 12	18 32	12 15	0 49
M20	23 25	15 20	5 4	22 43	0n 7	18 0	1 51	14 21	0 50	10 7	1 7	5 43	2 22	12 53	0 45	15 57	1 42	6 45	13 44	11 39	11 13	18 31	12 15	0 49
T 21	23 25	17 49	4 52	22 27	0 26	17 39	1 47	14 34	0 49	10 3	1 7	5 44	2 22	12 53	0 45	15 58	1 43	6 45	13 44	11 42	11 14	18 31	12 14	0 49
W22	23 25	19 6	4 20	22 11	0 46	17 17	1 42	14 46	0 49	9 59	1 7	5 46	2 22	12 54	0 45	15 58	1 43	6 45	13 44	11 46	11 16	18 31	12 14	0 49
T 23	23 25	19 0	3 28	21 56	1 6	16 55	1 36	14 58	0 48	9 56	1 7	5 47	2 23	12 54	0 45	15 59	1 43	6 45	13 44	11 48	11 17	18 30	12 13	0 49
F 24	23 24	17 33	2 23	21 41	1 25	16 33	1 31	15 9	0 48	9 52	1 6	5 48	2 23	12 54	0 45	15 59	1 43	6 45	13 44	11 50	11 18	18 30	12 13	0 49
S 25	23 23	14 55	1 8	21 27	1 45	16 10	1 25	15 21	0 48	9 48	1 6	5 49	2 23	12 55	0 45	15 59	1 43	6 45	13 43	11 51	11 19	18 30	12 12	0 49
S 26	23 21	11 23	0s10	21 13	2 3	15 48	1 19	15 33	0 47	9 44	1 6	5 50	2 23	12 55	0 45	16 0	1 43	6 45	13 43	11 52	11 20	18 29	12 12	0 49
M27	23 18	7 17	1 25	21 0	2 19	15 25	1 13	15 44	0 47	9 40	1 6	5 51	2 24	12 56	0 45	16 0	1 43	6 45	13 43	11 51	11 21	18 29	12 11	0 50
T 28	23 16	2 56	2 32	20 48	2 33	15 2	1 7	15 56	0 46	9 36	1 6	5 52	2 24	12 56	0 45	16 1	1 43	6 46	13 43	11 51	11 22	18 29	12 11	0 50
W29	23 12	1n27	3 30	20 38	2 46	14 39	1 0	16 7	0 46	9 32	1 6	5 53	2 24	12 57	0 45	16 1	1 43	6 46	13 43	11 51	11 23	18 28	12 11	0 50
T 30	23 9	5 38	4 15	20 30	2 55	14 16	0 54	16 18	0 45	9 28	1 6	5 54	2 24	12 57	0 45	16 1	1 43	6 46	13 42	11 51	11 25	18 28	12 10	0 50
F 31	23s 5	9n29	4s47	20s23	3n 3	13s52	0s47	16s29	0n45	9s24	1s 6	5s55	2n25	12n58	0n46	16s 2	1n43	6n46	13s42	11n53	11n26	18n28	12n10	0s50

Julian Day Number = 2498630.5, Delta T = 108.32 sec
Ecliptic obliquity = 23°25'13, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°32'30, Lahiri = 25°39'30