Astrodienst Ephemeris Tables

for the year 2082

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 2082
geocentric

JANUARY 2082 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 44 22	10♑58'46	2♒37	27°R58	13♑58	21♏15	22♓ 1	24♒25	8♒15	6°R57	14♈16	7°R30	9♓ 3	29♓52	15°R27	T 1
F 2	6 48 19	11°59'56	15° 8	27♑57	15°13	21°53	22°10	24°31	8°19	6♌56	14°16	7♓25	9° 0	29°58	15♉26	F 2
S 3	6 52 16	13° 1'06	27°24	27°44	16°29	22°32	22°19	24°37	8°22	6°54	14°17	7°23	8°57	0♈ 5	15°25	S 3
S 4	6 56 12	14° 2'15	9♓26	27°19	17°44	23°11	22°28	24°43	8°25	6°52	14°17	7°D22	8°54	0°12	15°23	S 4
M 5	7 0 9	15° 3'25	21°19	26°43	19° 0	23°50	22°38	24°49	8°28	6°51	14°17	7°23	8°51	0°18	15°22	M 5
T 6	7 4 5	16° 4'34	3♈ 8	25°55	20°15	24°29	22°47	24°55	8°32	6°49	14°17	7°24	8°47	0°25	15°21	T 6
W 7	7 8 2	17° 5'43	14°56	24°57	21°31	25° 7	22°57	25° 1	8°35	6°48	14°17	7°R25	8°44	0°32	15°20	W 7
T 8	7 11 58	18° 6'52	26°51	23°50	22°46	25°46	23° 7	25° 8	8°38	6°46	14°17	7°24	8°41	0°38	15°19	T 8
F 9	7 15 55	19° 8'00	8♉57	22°36	24° 2	26°25	23°17	25°14	8°42	6°45	14°18	7°22	8°38	0°45	15°18	F 9
S 10	7 19 51	20° 9'08	21°19	21°18	25°17	27° 4	23°27	25°20	8°45	6°43	14°18	7°18	8°35	0°52	15°17	S 10
S 11	7 23 48	21°10'16	4♊ 1	19°58	26°32	27°43	23°37	25°27	8°48	6°41	14°18	7°11	8°32	0°58	15°16	S 11
M12	7 27 45	22°11'23	17° 4	18°38	27°48	28°21	23°47	25°33	8°52	6°40	14°19	7° 4	8°28	1° 5	15°16	M12
T 13	7 31 41	23°12'29	0♋31	17°22	29° 3	29° 0	23°58	25°40	8°55	6°38	14°19	6°56	8°25	1°12	15°15	T 13
W14	7 35 38	24°13'35	14°19	16°10	0♒19	29°39	24° 8	25°46	8°59	6°37	14°19	6°49	8°22	1°18	15°14	W14
T 15	7 39 34	25°14'41	28°26	15° 6	1°34	0♐18	24°19	25°53	9° 2	6°35	14°20	6°42	8°19	1°25	15°14	T 15
F 16	7 43 31	26°15'46	12♌46	14°10	2°49	0°57	24°29	25°59	9° 5	6°33	14°20	6°38	8°16	1°32	15°13	F 16
S 17	7 47 27	27°16'51	27°13	13°23	4° 5	1°36	24°40	26° 6	9° 9	6°32	14°21	6°36	8°13	1°38	15°13	S 17
S 18	7 51 24	28°17'56	11♍43	12°45	5°20	2°14	24°51	26°13	9°12	6°30	14°21	6°D36	8° 9	1°45	15°12	S 18
M19	7 55 20	29°19'00	26°10	12°17	6°36	2°53	25° 2	26°19	9°16	6°28	14°22	6°37	8° 6	1°52	15°12	M19
T 20	7 59 17	0♒20'04	10♎30	11°58	7°51	3°32	25°13	26°26	9°19	6°27	14°22	6°38	8° 3	1°58	15°12	T 20
W21	8 3 14	1°21'08	24°41	11°49	9° 6	4°11	25°25	26°33	9°23	6°25	14°23	6°39	8° 0	2° 5	15°12	W21
T 22	8 7 10	2°22'11	8♏42	11°D48	10°22	4°50	25°36	26°40	9°26	6°23	14°23	6°R39	7°57	2°12	15°11	T 22
F 23	8 11 7	3°23'14	22°31	11°55	11°37	5°29	25°48	26°47	9°30	6°22	14°24	6°38	7°53	2°18	15°11	F 23
S 24	8 15 3	4°24'17	6♐ 8	12° 9	12°52	6° 7	25°59	26°53	9°33	6°20	14°24	6°35	7°50	2°25	15°D11	S 24
S 25	8 19 0	5°25'20	19°32	12°30	14° 8	6°46	26°11	27° 0	9°37	6°18	14°25	6°30	7°47	2°32	15°11	S 25
M26	8 22 56	6°26'21	2♑44	12°58	15°23	7°25	26°22	27° 7	9°40	6°16	14°26	6°25	7°44	2°38	15°11	M26
T 27	8 26 53	7°27'23	15°43	13°31	16°38	8° 4	26°34	27°14	9°44	6°15	14°26	6°20	7°41	2°45	15°12	T 27
W28	8 30 50	8°28'23	28°29	14° 9	17°54	8°43	26°46	27°21	9°47	6°13	14°27	6°16	7°38	2°52	15°12	W28
T 29	8 34 46	9°29'23	11♒ 1	14°52	19° 9	9°22	26°58	27°28	9°51	6°11	14°28	6°12	7°34	2°58	15°12	T 29
F 30	8 38 43	10°30'21	23°20	15°39	20°24	10° 0	27°10	27°35	9°54	6°10	14°28	6°10	7°31	3° 5	15°13	F 30
S 31	8 42 39	11♒31'19	5♓28	16♑30	21♒39	10♐39	27♓23	27♒42	9♒58	6♌ 8	14♈29	6°D 9	7♓28	3♈11	15♉13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s59	22s25	2s55	20s28	0n 6	23s26	0s44	17s26	0n39	4s18	1s14	14s36	1s18	18s47	0s37	18n20	0s12	10s 7	17s 4	8s45	8s10	1n38	14n21	2s13
F 2	22 53	18 9	1 56	20 10	0 24	23 20	0 46	17 37	0 38	4 14	1 13	14 34	1 18	18 46	0 36	18 20	0 12	10 7	17 4	8 47	8 11	1 41	14 20	2 13
S 3	22 48	13 12	0 53	19 55	0 43	23 13	0 48	17 47	0 38	4 10	1 13	14 32	1 18	18 45	0 36	18 20	0 12	10 6	17 4	8 48	8 13	1 44	14 20	2 13
S 4	22 41	7 51	0n11	19 41	1 2	23 5	0 50	17 58	0 37	4 6	1 13	14 30	1 18	18 44	0 36	18 21	0 12	10 6	17 3	8 48	8 14	1 48	14 20	2 13
M 5	22 35	2 18	1 15	19 29	1 21	22 57	0 52	18 8	0 37	4 2	1 13	14 28	1 18	18 44	0 36	18 21	0 12	10 6	17 3	8 48	8 15	1 51	14 19	2 13
T 6	22 28	3n18	2 14	19 19	1 40	22 48	0 54	18 18	0 36	3 58	1 13	14 26	1 18	18 43	0 36	18 22	0 12	10 5	17 3	8 47	8 16	1 55	14 19	2 12
W 7	22 20	8 47	3 8	19 11	1 59	22 38	0 56	18 28	0 36	3 54	1 13	14 24	1 18	18 42	0 36	18 22	0 12	10 5	17 2	8 47	8 17	1 58	14 19	2 12
T 8	22 12	14 0	3 55	19 5	2 17	22 28	0 58	18 37	0 35	3 50	1 12	14 22	1 18	18 41	0 36	18 22	0 12	10 4	17 2	8 47	8 19	2 1	14 19	2 12
F 9	22 4	18 46	4 32	19 1	2 33	22 17	1 0	18 47	0 35	3 46	1 12	14 20	1 18	18 40	0 36	18 23	0 12	10 4	17 1	8 48	8 20	2 5	14 18	2 12
S 10	21 55	22 51	4 57	18 59	2 47	22 5	1 1	18 56	0 34	3 42	1 12	14 17	1 18	18 39	0 36	18 23	0 12	10 3	17 1	8 50	8 21	2 8	14 18	2 12
S 11	21 46	25 59	5 8	18 59	3 0	21 52	1 3	19 6	0 34	3 38	1 12	14 15	1 18	18 38	0 36	18 24	0 12	10 3	17 1	8 52	8 22	2 12	14 18	2 12
M12	21 36	27 51	5 4	19 0	3 10	21 39	1 5	19 15	0 33	3 34	1 12	14 13	1 18	18 37	0 36	18 24	0 12	10 3	17 0	8 55	8 23	2 15	14 18	2 12
T 13	21 26	28 9	4 43	19 3	3 17	21 25	1 6	19 24	0 32	3 30	1 11	14 11	1 18	18 36	0 36	18 24	0 12	10 2	17 0	8 58	8 25	2 18	14 18	2 12
W14	21 16	26 44	4 5	19 7	3 22	21 11	1 8	19 33	0 32	3 25	1 11	14 9	1 18	18 36	0 36	18 25	0 12	10 2	17 0	9 1	8 26	2 22	14 18	2 12
T 15	21 5	23 36	3 12	19 12	3 24	20 56	1 10	19 42	0 31	3 21	1 11	14 6	1 18	18 35	0 36	18 25	0 12	10 1	16 59	9 3	8 27	2 25	14 17	2 12
F 16	20 53	18 59	2 6	19 18	3 24	20 40	1 11	19 50	0 31	3 16	1 11	14 4	1 18	18 34	0 36	18 26	0 12	10 1	16 59	9 4	8 28	2 29	14 17	2 12
S 17	20 42	13 14	0 51	19 24	3 22	20 24	1 12	19 59	0 30	3 12	1 11	14 2	1 18	18 33	0 36	18 26	0 12	10 0	16 59	9 5	8 29	2 32	14 17	2 12
S 18	20 30	6 44	0s28	19 32	3 18	20 7	1 14	20 7	0 30	3 7	1 11	14 0	1 18	18 32	0 36	18 27	0 12	10 0	16 58	9 5	8 31	2 35	14 17	2 12
M19	20 17	0s 5	1 45	19 40	3 13	19 50	1 15	20 15	0 29	3 3	1 10	13 57	1 18	18 31	0 36	18 27	0 12	9 59	16 58	9 5	8 32	2 39	14 17	2 12
T 20	20 4	6 50	2 54	19 48	3 6	19 32	1 16	20 23	0 28	2 58	1 10	13 55	1 18	18 30	0 36	18 27	0 12	9 59	16 58	9 4	8 33	2 42	14 17	2 12
W21	19 51	13 10	3 52	19 57	2 59	19 13	1 18	20 31	0 28	2 54	1 10	13 53	1 18	18 29	0 36	18 28	0 12	9 58	16 57	9 4	8 34	2 46	14 17	2 12
T 22	19 37	18 45	4 36	20 5	2 50	18 54	1 19	20 39	0 27	2 49	1 10	13 50	1 18	18 28	0 36	18 28	0 12	9 58	16 57	9 4	8 35	2 49	14 17	2 12
F 23	19 23	23 16	5 3	20 14	2 41	18 34	1 20	20 47	0 26	2 44	1 10	13 48	1 18	18 27	0 36	18 29	0 12	9 57	16 57	9 4	8 36	2 52	14 17	2 12
S 24	19 9	26 27	5 12	20 22	2 31	18 14	1 21	20 54	0 26	2 40	1 10	13 46	1 18	18 26	0 36	18 29	0 12	9 56	16 56	9 6	8 38	2 56	14 17	2 12
S 25	18 54	28 4	5 4	20 30	2 21	17 53	1 22	21 1	0 25	2 35	1 10	13 43	1 18	18 25	0 36	18 30	0 12	9 56	16 56	9 7	8 39	2 59	14 17	2 12
M26	18 39	28 4	4 40	20 38	2 10	17 32	1 23	21 8	0 24	2 30	1 9	13 41	1 18	18 24	0 36	18 30	0 12	9 55	16 55	9 9	8 40	3 2	14 17	2 12
T 27	18 24	26 31	4 2	20 45	2 0	17 10	1 24	21 15	0 24	2 25	1 9	13 39	1 18	18 24	0 36	18 30	0 12	9 55	16 55	9 11	8 41	3 6	14 17	2 12
W28	18 8	23 36	3 12	20 52	1 49	16 48	1 24	21 22	0 23	2 20	1 9	13 36	1 18	18 23	0 36	18 31	0 12	9 54	16 55	9 13	8 42	3 9	14 17	2 11
T 29	17 52	19 36	2 14	20 58	1 39	16 26	1 25	21 29	0 22	2 16	1 9	13 34	1 18	18 22	0 36	18 31	0 12	9 54	16 54	9 14	8 44	3 13	14 18	2 11
F 30	17 36	14 50	1 10	21 3	1 28	16 2	1 26	21 35	0 22	2 11	1 9	13 31	1 18	18 21	0 36	18 32	0 12	9 53	16 54	9 15	8 45	3 16	14 18	2 11
S 31	17s19	9s34	0s 4	21s 8	1n17	15s39	1s27	21s41	0n21	2s 6	1s 9	13s29	1s18	18s20	0s36	18n32	0s12	9s53	16s54	9s15	8s46	3n19	14n18	2s11

Julian Day Number = 2481495.5, Delta T = 85.49 sec
Ecliptic obliquity = 23°25'51, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°53'09, Lahiri = 25°00'10

ASTRODIENST EPHEMERIS for the year 2082
geocentric

FEBRUARY 2082 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 46 36	12♒32'15	17♓26	17♑25	22♒55	11♐18	27♓35	27♒50	10♒ 1	6°R 6	14♈30	6♓10	7♓25	3♈18	15♉13	S 1
M 2	8 50 32	13°33'10	29°18	18°22	24°10	11°57	27°47	27°57	10° 5	6♌ 5	14°31	6°11	7°22	3°25	15°14	M 2
T 3	8 54 29	14°34'04	11♈ 6	19°23	25°25	12°36	28° 0	28° 4	10° 8	6° 3	14°32	6°13	7°19	3°31	15°15	T 3
W 4	8 58 25	15°34'57	22°54	20°26	26°40	13°14	28°12	28°11	10°12	6° 1	14°32	6°15	7°15	3°38	15°15	W 4
T 5	9 2 22	16°35'49	4♉48	21°32	27°55	13°53	28°25	28°18	10°15	6° 0	14°33	6°16	7°12	3°45	15°16	T 5
F 6	9 6 18	17°36'39	16°52	22°40	29°11	14°32	28°37	28°25	10°19	5°58	14°34	6°R16	7° 9	3°51	15°17	F 6
S 7	9 10 15	18°37'28	29°11	23°50	0♓26	15°11	28°50	28°32	10°22	5°56	14°35	6°16	7° 6	3°58	15°18	S 7
S 8	9 14 12	19°38'15	11♊49	25° 1	1°41	15°50	29° 3	28°40	10°26	5°55	14°36	6°15	7° 3	4° 5	15°19	S 8
M 9	9 18 8	20°39'01	24°51	26°15	2°56	16°28	29°16	28°47	10°29	5°53	14°37	6°13	6°59	4°11	15°20	M 9
T 10	9 22 5	21°39'45	8♋18	27°30	4°11	17° 7	29°29	28°54	10°33	5°51	14°38	6°11	6°56	4°18	15°21	T 10
W11	9 26 1	22°40'28	22°11	28°47	5°26	17°46	29°42	29° 1	10°36	5°50	14°39	6° 9	6°53	4°25	15°22	W11
T 12	9 29 58	23°41'09	6♌28	0♒ 5	6°41	18°25	29°55	29° 8	10°40	5°48	14°40	6° 8	6°50	4°31	15°23	T 12
F 13	9 33 54	24°41'49	21° 5	1°25	7°56	19° 3	0♈ 8	29°16	10°43	5°47	14°41	6° 7	6°47	4°38	15°24	F 13
S 14	9 37 51	25°42'28	5♍56	2°45	9°11	19°42	0°21	29°23	10°47	5°45	14°42	6°D 6	6°44	4°45	15°25	S 14
S 15	9 41 48	26°43'05	20°52	4° 8	10°26	20°21	0°35	29°30	10°50	5°43	14°43	6° 6	6°40	4°51	15°27	S 15
M16	9 45 44	27°43'41	5♎46	5°31	11°41	21° 0	0°48	29°38	10°53	5°42	14°44	6° 7	6°37	4°58	15°28	M16
T 17	9 49 41	28°44'15	20°31	6°55	12°56	21°38	1° 1	29°45	10°57	5°40	14°45	6° 8	6°34	5° 5	15°30	T 17
W18	9 53 37	29°44'48	5♏ 1	8°21	14°11	22°17	1°15	29°52	11° 0	5°39	14°46	6° 8	6°31	5°11	15°31	W18
T 19	9 57 34	0♓45'21	19°11	9°48	15°26	22°56	1°28	29°59	11° 4	5°37	14°47	6° 9	6°28	5°18	15°33	T 19
F 20	10 1 30	1°45'52	3♐ 2	11°15	16°41	23°34	1°42	0♓ 7	11° 7	5°36	14°48	6°R 9	6°25	5°25	15°34	F 20
S 21	10 5 27	2°46'22	16°32	12°44	17°56	24°13	1°55	0°14	11°10	5°34	14°49	6° 9	6°21	5°31	15°36	S 21
S 22	10 9 23	3°46'50	29°43	14°14	19°10	24°52	2° 9	0°21	11°14	5°33	14°50	6° 9	6°18	5°38	15°38	S 22
M23	10 13 20	4°47'18	12♑37	15°45	20°25	25°31	2°23	0°28	11°17	5°31	14°51	6° 8	6°15	5°45	15°39	M23
T 24	10 17 17	5°47'43	25°16	17°17	21°40	26° 9	2°37	0°36	11°20	5°30	14°52	6°D 8	6°12	5°51	15°41	T 24
W25	10 21 13	6°48'08	7♒42	18°50	22°55	26°48	2°50	0°43	11°23	5°29	14°54	6° 8	6° 9	5°58	15°43	W25
T 26	10 25 10	7°48'31	19°56	20°23	24°10	27°26	3° 4	0°50	11°27	5°27	14°55	6° 8	6° 5	6° 5	15°45	T 26
F 27	10 29 6	8°48'52	2♓ 2	21°58	25°24	28° 5	3°18	0°57	11°30	5°26	14°56	6°R 8	6° 2	6°11	15°47	F 27
S 28	10 33 3	9♓49'11	14♓ 0	23♒34	26♓39	28♐44	3♈32	1♓ 5	11♒33	5♌25	14♈57	6♓ 8	5♓59	6♈18	15♉49	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
S 1	17s 2	4s 1	1n 2	21s11	1n 7	15s15	1s27	21s48	0n20	2s 1	1s 9	13s27	1s18	18s19	0s36	18n33	0s12	9s52	16s54	9s15	8s47	3n23	14n18	2s11
M 2	16 45	1n37	2 4	21 14	0 57	14 50	1 28	21 54	0 19	1 56	1 8	13 24	1 18	18 18	0 36	18 33	0 12	9 51	16 53	9 14	8 48	3 26	14 18	2 11
T 3	16 27	7 10	3 1	21 16	0 47	14 25	1 28	21 59	0 19	1 51	1 8	13 22	1 18	18 17	0 36	18 33	0 12	9 51	16 53	9 14	8 49	3 29	14 19	2 11
W 4	16 10	12 28	3 50	21 16	0 37	14 0	1 28	22 5	0 18	1 45	1 8	13 19	1 18	18 16	0 36	18 34	0 12	9 50	16 53	9 13	8 51	3 33	14 19	2 11
T 5	15 51	17 21	4 30	21 16	0 27	13 35	1 29	22 10	0 17	1 40	1 8	13 17	1 18	18 15	0 36	18 34	0 12	9 50	16 52	9 13	8 52	3 36	14 19	2 11
F 6	15 33	21 38	4 58	21 15	0 17	13 9	1 29	22 16	0 17	1 35	1 8	13 14	1 18	18 14	0 36	18 35	0 12	9 49	16 52	9 12	8 53	3 40	14 19	2 11
S 7	15 14	25 4	5 14	21 12	0 8	12 42	1 29	22 21	0 16	1 30	1 8	13 12	1 18	18 13	0 36	18 35	0 12	9 48	16 52	9 13	8 54	3 43	14 20	2 11
S 8	14 55	27 24	5 15	21 8	0s 1	12 16	1 29	22 26	0 15	1 25	1 8	13 9	1 18	18 12	0 36	18 36	0 12	9 48	16 51	9 13	8 55	3 46	14 20	2 11
M 9	14 36	28 19	5 0	21 3	0 10	11 49	1 29	22 31	0 14	1 20	1 8	13 7	1 18	18 11	0 37	18 36	0 12	9 47	16 51	9 14	8 56	3 50	14 20	2 11
T 10	14 17	27 38	4 28	20 57	0 18	11 21	1 29	22 35	0 13	1 14	1 8	13 5	1 18	18 10	0 37	18 36	0 12	9 47	16 51	9 14	8 58	3 53	14 21	2 11
W11	13 57	25 13	3 40	20 50	0 27	10 54	1 29	22 40	0 13	1 9	1 7	13 2	1 18	18 9	0 37	18 37	0 12	9 46	16 51	9 15	8 59	3 56	14 21	2 11
T 12	13 37	21 11	2 37	20 42	0 35	10 26	1 29	22 44	0 12	1 4	1 7	13 0	1 18	18 9	0 37	18 37	0 12	9 45	16 50	9 16	9 0	4 0	14 21	2 11
F 13	13 17	15 46	1 22	20 32	0 43	9 58	1 29	22 48	0 11	0 58	1 7	12 57	1 18	18 8	0 37	18 38	0 12	9 45	16 50	9 16	9 1	4 3	14 22	2 11
S 14	12 57	9 21	0 1	20 21	0 50	9 29	1 28	22 52	0 10	0 53	1 7	12 55	1 18	18 7	0 37	18 38	0 12	9 44	16 50	9 16	9 2	4 7	14 22	2 11
S 15	12 36	2 22	1s21	20 9	0 57	9 1	1 28	22 56	0 9	0 48	1 7	12 52	1 19	18 6	0 37	18 38	0 12	9 43	16 49	9 16	9 4	4 10	14 23	2 11
M16	12 16	4s42	2 37	19 55	1 4	8 32	1 28	22 59	0 8	0 42	1 7	12 50	1 19	18 5	0 37	18 39	0 12	9 43	16 49	9 16	9 5	4 13	14 23	2 11
T 17	11 55	11 27	3 42	19 40	1 11	8 2	1 27	23 3	0 8	0 37	1 7	12 47	1 19	18 4	0 37	18 39	0 12	9 42	16 49	9 16	9 6	4 17	14 24	2 10
W18	11 33	17 27	4 32	19 25	1 17	7 33	1 26	23 6	0 7	0 32	1 7	12 45	1 19	18 3	0 37	18 40	0 12	9 42	16 49	9 15	9 7	4 20	14 24	2 10
T 19	11 12	22 23	5 4	19 7	1 23	7 4	1 26	23 9	0 6	0 26	1 7	12 42	1 19	18 2	0 37	18 40	0 12	9 41	16 48	9 15	9 8	4 23	14 25	2 10
F 20	10 51	25 56	5 17	18 49	1 29	6 34	1 25	23 12	0 5	0 21	1 7	12 40	1 19	18 1	0 37	18 40	0 12	9 40	16 48	9 15	9 9	4 27	14 25	2 10
S 21	10 29	27 56	5 12	18 29	1 34	6 4	1 24	23 14	0 4	0 15	1 7	12 37	1 19	18 0	0 37	18 41	0 12	9 40	16 48	9 15	9 11	4 30	14 26	2 10
S 22	10 7	28 17	4 51	18 8	1 39	5 34	1 24	23 17	0 3	0 10	1 6	12 35	1 19	17 59	0 37	18 41	0 12	9 39	16 48	9 15	9 12	4 33	14 26	2 10
M23	9 45	27 4	4 16	17 45	1 43	5 4	1 23	23 19	0 2	0 4	1 6	12 32	1 19	17 59	0 37	18 41	0 12	9 38	16 47	9 15	9 13	4 37	14 27	2 10
T 24	9 23	24 29	3 28	17 22	1 48	4 33	1 22	23 21	0 1	0n 1	1 6	12 30	1 19	17 58	0 37	18 42	0 12	9 38	16 47	9 15	9 14	4 40	14 27	2 10
W25	9 1	20 47	2 32	16 57	1 52	4 3	1 21	23 23	0 0	0 7	1 6	12 27	1 19	17 57	0 37	18 42	0 12	9 37	16 47	9 15	9 15	4 43	14 28	2 10
T 26	8 38	16 14	1 29	16 31	1 55	3 32	1 20	23 25	0s 1	0 13	1 6	12 24	1 19	17 56	0 37	18 43	0 12	9 36	16 47	9 15	9 16	4 47	14 28	2 10
F 27	8 16	11 6	0 23	16 3	1 59	3 1	1 18	23 27	0 2	0 18	1 6	12 22	1 19	17 55	0 37	18 43	0 12	9 36	16 47	9 15	9 18	4 50	14 29	2 10
S 28	7s53	5s37	0n44	15s34	2s 1	2s31	1s17	23s28	0s 3	0n24	1s 6	12s19	1s19	17s54	0s37	18n43	0s12	9s35	16s46	9s15	9s19	4n53	14n30	2s10

Julian Day Number = 2481526.5, Delta T = 85.52 sec
Ecliptic obliquity = 23°25'51, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°53'14, Lahiri = 25°00'14

ASTRODIENST EPHEMERIS for the year 2082
geocentric

MARCH 2082 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 59	10♓49'29	25♓53	25♒11	27♓54	29♐22	3♈46	1♓12	11♒36	5°R23	14♈58	6°R 8	5♓56	6♈25	15♉51	S 1
M 2	10 40 56	11°49'45	7♈42	26°49	29° 8	0♑ 1	4° 0	1°19	11°39	5♌22	15° 0	6♓ 8	5°53	6°31	15°54	M 2
T 3	10 44 52	12°49'59	19°30	28°28	0♈23	0°39	4°14	1°26	11°43	5°21	15° 1	6° 7	5°50	6°38	15°56	T 3
W 4	10 48 49	13°50'11	1♉20	0♓ 8	1°38	1°18	4°28	1°33	11°46	5°19	15° 2	6° 6	5°46	6°45	15°58	W 4
T 5	10 52 45	14°50'21	13°15	1°49	2°52	1°56	4°42	1°40	11°49	5°18	15° 3	6° 5	5°43	6°51	16° 0	T 5
F 6	10 56 42	15°50'29	25°19	3°31	4° 7	2°35	4°56	1°48	11°52	5°17	15° 5	6° 4	5°40	6°58	16° 3	F 6
S 7	11 0 39	16°50'35	7♊35	5°14	5°21	3°13	5°11	1°55	11°55	5°16	15° 6	6° 3	5°37	7° 5	16° 5	S 7
S 8	11 4 35	17°50'39	20° 9	6°58	6°36	3°52	5°25	2° 2	11°58	5°15	15° 7	6°D 3	5°34	7°11	16° 8	S 8
M 9	11 8 32	18°50'41	3♋ 3	8°44	7°50	4°30	5°39	2° 9	12° 1	5°13	15° 9	6° 3	5°30	7°18	16°10	M 9
T 10	11 12 28	19°50'41	16°22	10°30	9° 4	5° 9	5°53	2°16	12° 4	5°12	15°10	6° 4	5°27	7°25	16°13	T 10
W11	11 16 25	20°50'38	0♌ 8	12°18	10°19	5°47	6° 7	2°23	12° 7	5°11	15°11	6° 5	5°24	7°31	16°15	W11
T 12	11 20 21	21°50'34	14°21	14° 6	11°33	6°26	6°22	2°30	12°10	5°10	15°13	6° 6	5°21	7°38	16°18	T 12
F 13	11 24 18	22°50'27	28°59	15°56	12°47	7° 4	6°36	2°37	12°12	5° 9	15°14	6°R 7	5°18	7°45	16°21	F 13
S 14	11 28 14	23°50'18	13♍57	17°47	14° 2	7°42	6°50	2°44	12°15	5° 8	15°15	6° 7	5°15	7°51	16°23	S 14
S 15	11 32 11	24°50'07	29° 7	19°39	15°16	8°21	7° 5	2°51	12°18	5° 7	15°17	6° 6	5°11	7°58	16°26	S 15
M16	11 36 8	25°49'54	14♎21	21°33	16°30	8°59	7°19	2°58	12°21	5° 6	15°18	6° 4	5° 8	8° 5	16°29	M16
T 17	11 40 4	26°49'39	29°27	23°27	17°44	9°37	7°34	3° 5	12°24	5° 5	15°19	6° 1	5° 5	8°11	16°32	T 17
W18	11 44 1	27°49'23	14♏18	25°22	18°58	10°15	7°48	3°11	12°26	5° 4	15°21	5°59	5° 2	8°18	16°35	W18
T 19	11 47 57	28°49'05	28°46	27°19	20°12	10°54	8° 3	3°18	12°29	5° 4	15°22	5°56	4°59	8°25	16°38	T 19
F 20	11 51 54	29°48'45	12♐48	29°17	21°26	11°32	8°17	3°25	12°32	5° 3	15°24	5°54	4°56	8°31	16°41	F 20
S 21	11 55 50	0♈48'24	26°23	1♈15	22°40	12°10	8°31	3°32	12°34	5° 2	15°25	5°D53	4°52	8°38	16°44	S 21
S 22	11 59 47	1°48'00	9♑33	3°15	23°54	12°48	8°46	3°39	12°37	5° 1	15°26	5°53	4°49	8°45	16°47	S 22
M23	12 3 43	2°47'36	22°20	5°15	25° 8	13°26	9° 0	3°45	12°40	5° 0	15°28	5°54	4°46	8°51	16°50	M23
T 24	12 7 40	3°47'09	4♒48	7°16	26°22	14° 5	9°15	3°52	12°42	5° 0	15°29	5°56	4°43	8°58	16°53	T 24
W25	12 11 37	4°46'40	17° 2	9°17	27°36	14°43	9°29	3°58	12°45	4°59	15°31	5°58	4°40	9° 5	16°56	W25
T 26	12 15 33	5°46'10	29° 4	11°18	28°50	15°21	9°44	4° 5	12°47	4°58	15°32	5°59	4°36	9°11	16°59	T 26
F 27	12 19 30	6°45'38	10♓59	13°20	0♉ 3	15°59	9°58	4°12	12°49	4°58	15°34	5°R59	4°33	9°18	17° 3	F 27
S 28	12 23 26	7°45'03	22°50	15°22	1°17	16°37	10°13	4°18	12°52	4°57	15°35	5°57	4°30	9°25	17° 6	S 28
S 29	12 27 23	8°44'27	4♈38	17°23	2°31	17°15	10°28	4°24	12°54	4°56	15°36	5°54	4°27	9°31	17° 9	S 29
M30	12 31 19	9°43'49	16°27	19°23	3°45	17°52	10°42	4°31	12°56	4°56	15°38	5°50	4°24	9°38	17°13	M30
T 31	12 35 16	10♈43'09	28♈18	21♈23	4♉58	18♑30	10♈57	4♓37	12♒59	4♌55	15♈39	5♓44	4♓21	9♈45	17♉16	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	7s30	0n 0	1n47	15s 4	2s 4	2s 0	1s16	23s29	0s 4	0n29	1s 6	12s17	1s19	17s53	0s37	18n44	0s12	9s35	16s46	9s15	9s20	4n57	14n30	2s10
M 2	7 7	5 36	2 46	14 33	2 6	1 29	1 15	23 30	0 5	0 35	1 6	12 15	1 20	17 52	0 37	18 44	0 12	9 34	16 46	9 16	9 21	5 0	14 31	2 10
T 3	6 44	11 0	3 38	14 0	2 8	0 58	1 13	23 31	0 6	0 41	1 6	12 12	1 20	17 52	0 37	18 44	0 12	9 33	16 46	9 16	9 22	5 3	14 32	2 10
W 4	6 21	16 0	4 21	13 26	2 9	0 27	1 12	23 32	0 7	0 46	1 6	12 10	1 20	17 51	0 37	18 45	0 12	9 33	16 46	9 16	9 23	5 7	14 32	2 10
T 5	5 58	20 27	4 52	12 51	2 10	0n 4	1 10	23 33	0 8	0 52	1 6	12 7	1 20	17 50	0 37	18 45	0 12	9 32	16 45	9 17	9 25	5 10	14 33	2 10
F 6	5 35	24 7	5 11	12 14	2 10	0 35	1 9	23 33	0 9	0 57	1 6	12 5	1 20	17 49	0 37	18 45	0 12	9 31	16 45	9 17	9 26	5 13	14 34	2 10
S 7	5 12	26 47	5 17	11 37	2 11	1 6	1 7	23 33	0 10	1 3	1 6	12 2	1 20	17 48	0 37	18 45	0 12	9 31	16 45	9 17	9 27	5 17	14 34	2 10
S 8	4 48	28 11	5 8	10 58	2 10	1 37	1 5	23 33	0 11	1 9	1 5	12 0	1 20	17 47	0 37	18 46	0 12	9 30	16 45	9 17	9 28	5 20	14 35	2 10
M 9	4 25	28 6	4 43	10 18	2 9	2 8	1 4	23 33	0 12	1 14	1 5	11 57	1 20	17 47	0 37	18 46	0 12	9 29	16 45	9 17	9 29	5 23	14 36	2 10
T 10	4 1	26 26	4 2	9 36	2 8	2 39	1 2	23 33	0 13	1 20	1 5	11 55	1 20	17 46	0 37	18 46	0 12	9 29	16 45	9 17	9 30	5 27	14 37	2 10
W11	3 38	23 9	3 6	8 53	2 6	3 10	1 0	23 32	0 14	1 26	1 5	11 52	1 20	17 45	0 37	18 47	0 12	9 28	16 44	9 17	9 32	5 30	14 37	2 10
T 12	3 14	18 24	1 58	8 9	2 4	3 41	0 58	23 32	0 15	1 32	1 5	11 50	1 20	17 44	0 37	18 47	0 12	9 27	16 44	9 16	9 33	5 33	14 38	2 10
F 13	2 50	12 27	0 39	7 24	2 1	4 11	0 56	23 31	0 16	1 37	1 5	11 47	1 21	17 43	0 37	18 47	0 12	9 27	16 44	9 16	9 34	5 37	14 39	2 10
S 14	2 27	5 39	0s43	6 38	1 58	4 42	0 54	23 30	0 18	1 43	1 5	11 45	1 21	17 43	0 37	18 47	0 12	9 26	16 44	9 16	9 35	5 40	14 40	2 10
S 15	2 3	1s33	2 4	5 51	1 54	5 13	0 52	23 29	0 19	1 49	1 5	11 43	1 21	17 42	0 37	18 48	0 12	9 26	16 44	9 16	9 36	5 43	14 41	2 10
M16	1 39	8 40	3 16	5 2	1 50	5 43	0 50	23 27	0 20	1 54	1 5	11 40	1 21	17 41	0 37	18 48	0 12	9 25	16 44	9 17	9 37	5 47	14 41	2 9
T 17	1 16	15 13	4 13	4 13	1 45	6 13	0 48	23 26	0 21	2 0	1 5	11 38	1 21	17 40	0 37	18 48	0 12	9 24	16 44	9 18	9 39	5 50	14 42	2 9
W18	0 52	20 47	4 53	3 22	1 40	6 44	0 45	23 24	0 22	2 6	1 5	11 35	1 21	17 40	0 37	18 48	0 12	9 24	16 43	9 19	9 40	5 53	14 43	2 9
T 19	0 28	24 57	5 13	2 30	1 34	7 14	0 43	23 23	0 24	2 12	1 5	11 33	1 21	17 39	0 37	18 49	0 11	9 23	16 43	9 20	9 41	5 57	14 44	2 9
F 20	0 4	27 30	5 13	1 37	1 27	7 43	0 41	23 21	0 25	2 17	1 5	11 31	1 21	17 38	0 37	18 49	0 11	9 23	16 43	9 21	9 42	6 0	14 45	2 9
S 21	0n19	28 18	4 55	0 44	1 20	8 13	0 39	23 18	0 26	2 23	1 5	11 28	1 21	17 37	0 37	18 49	0 11	9 22	16 43	9 21	9 43	6 3	14 46	2 9
S 22	0 43	27 27	4 22	0n10	1 13	8 43	0 36	23 16	0 27	2 29	1 5	11 26	1 22	17 37	0 37	18 49	0 11	9 21	16 43	9 21	9 44	6 7	14 47	2 9
M23	1 7	25 9	3 37	1 5	1 5	9 12	0 34	23 14	0 29	2 34	1 5	11 24	1 22	17 36	0 37	18 49	0 11	9 21	16 43	9 21	9 46	6 10	14 47	2 9
T 24	1 30	21 42	2 43	2 1	0 56	9 41	0 31	23 11	0 30	2 40	1 5	11 21	1 22	17 35	0 37	18 50	0 11	9 20	16 43	9 20	9 47	6 13	14 48	2 9
W25	1 54	17 21	1 42	2 57	0 47	10 10	0 29	23 8	0 31	2 46	1 5	11 19	1 22	17 35	0 37	18 50	0 11	9 20	16 43	9 19	9 48	6 16	14 49	2 9
T 26	2 17	12 23	0 38	3 53	0 38	10 39	0 26	23 5	0 32	2 52	1 5	11 17	1 22	17 34	0 37	18 50	0 11	9 19	16 43	9 19	9 49	6 20	14 50	2 9
F 27	2 41	7 1	0n27	4 50	0 28	11 7	0 24	23 2	0 34	2 57	1 5	11 15	1 22	17 33	0 37	18 50	0 11	9 18	16 43	9 19	9 50	6 23	14 51	2 9
S 28	3 4	1 27	1 31	5 47	0 17	11 35	0 21	22 59	0 35	3 3	1 5	11 12	1 22	17 33	0 37	18 50	0 11	9 18	16 43	9 19	9 51	6 26	14 52	2 9
S 29	3 28	4n 9	2 30	6 43	0 7	12 3	0 19	22 55	0 36	3 9	1 5	11 10	1 22	17 32	0 38	18 50	0 11	9 17	16 43	9 21	9 53	6 30	14 53	2 9
M30	3 51	9 35	3 23	7 39	0n 4	12 31	0 16	22 52	0 38	3 14	1 5	11 8	1 23	17 31	0 38	18 51	0 11	9 17	16 43	9 22	9 54	6 33	14 54	2 9
T 31	4n14	14n43	4n 7	8n35	0n16	12n58	0s13	22s48	0s39	3n20	1s 5	11s 6	1s23	17s31	0s38	18n51	0s11	9s16	16s43	9s24	9s55	6n36	14n55	2s 9

Julian Day Number = 2481554.5, Delta T = 85.55 sec
Ecliptic obliquity = 23°25'52, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°53'18, Lahiri = 25°00'18

ASTRODIENST EPHEMERIS for the year 2082
geocentric

APRIL 2082 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 39 12	11♈42'26	10♉12	23♈20	6♉12	19♊ 8	11♈11	4♓44	13♒ 1	4°R55	15♈41	5°R37	4♓17	9♈51	17♉19	W 1
T 2	12 43 9	12°41'42	22°13	25°16	7°25	19°46	11°26	4°50	13° 3	4♌54	15°42	5♓30	4°14	9°58	17°23	T 2
F 3	12 47 6	13°40'55	4♊21	27°10	8°39	20°24	11°40	4°56	13° 5	4°54	15°44	5°24	4°11	10° 5	17°26	F 3
S 4	12 51 2	14°40'07	16°41	29° 2	9°52	21° 1	11°55	5° 2	13° 7	4°54	15°45	5°19	4° 8	10°11	17°30	S 4
S 5	12 54 59	15°39'16	29°14	0♉50	11° 6	21°39	12° 9	5° 8	13° 9	4°53	15°46	5°16	4° 5	10°18	17°33	S 5
M 6	12 58 55	16°38'22	12♋ 5	2°35	12°19	22°16	12°24	5°14	13°11	4°53	15°48	5°D14	4° 2	10°25	17°37	M 6
T 7	13 2 52	17°37'27	25°16	4°16	13°32	22°54	12°38	5°20	13°13	4°53	15°49	5°15	3°58	10°31	17°41	T 7
W 8	13 6 48	18°36'28	8♌51	5°53	14°45	23°32	12°53	5°26	13°15	4°53	15°51	5°16	3°55	10°38	17°44	W 8
T 9	13 10 45	19°35'28	22°51	7°26	15°59	24° 9	13° 7	5°32	13°17	4°52	15°52	5°17	3°52	10°45	17°48	T 9
F 10	13 14 41	20°34'25	7♍17	8°54	17°12	24°46	13°22	5°38	13°19	4°52	15°54	5°R17	3°49	10°51	17°52	F 10
S 11	13 18 38	21°33'20	22° 6	10°17	18°25	25°24	13°36	5°44	13°21	4°52	15°55	5°16	3°46	10°58	17°55	S 11
S 12	13 22 35	22°32'13	7♎12	11°36	19°38	26° 1	13°51	5°50	13°23	4°52	15°57	5°13	3°42	11° 5	17°59	S 12
M13	13 26 31	23°31'04	22°28	12°48	20°51	26°38	14° 5	5°55	13°24	4°52	15°58	5° 8	3°39	11°11	18° 3	M13
T 14	13 30 28	24°29'52	7♏42	13°55	22° 4	27°15	14°19	6° 1	13°26	4°52	15°59	5° 1	3°36	11°18	18° 6	T 14
W15	13 34 24	25°28'39	22°44	14°57	23°17	27°53	14°34	6° 7	13°28	4°D52	16° 1	4°53	3°33	11°25	18°10	W15
T 16	13 38 21	26°27'25	7♐25	15°53	24°30	28°30	14°48	6°12	13°29	4°52	16° 2	4°46	3°30	11°31	18°14	T 16
F 17	13 42 17	27°26'08	21°38	16°43	25°42	29° 7	15° 3	6°18	13°31	4°52	16° 4	4°39	3°27	11°38	18°18	F 17
S 18	13 46 14	28°24'50	5♑23	17°27	26°55	29°44	15°17	6°23	13°32	4°52	16° 5	4°35	3°23	11°45	18°22	S 18
S 19	13 50 10	29°23'30	18°38	18° 5	28° 8	0♒21	15°31	6°28	13°34	4°52	16° 7	4°32	3°20	11°51	18°26	S 19
M20	13 54 7	0♉22'08	1♒27	18°36	29°20	0°58	15°45	6°34	13°35	4°52	16° 8	4°D32	3°17	11°58	18°29	M20
T 21	13 58 4	1°20'45	13°54	19° 2	0♊33	1°34	16° 0	6°39	13°36	4°52	16° 9	4°32	3°14	12° 5	18°33	T 21
W22	14 2 0	2°19'20	26° 3	19°22	1°46	2°11	16°14	6°44	13°38	4°53	16°11	4°33	3°11	12°12	18°37	W22
T 23	14 5 57	3°17'53	8♓ 1	19°35	2°58	2°48	16°28	6°49	13°39	4°53	16°12	4°R33	3° 8	12°18	18°41	T 23
F 24	14 9 53	4°16'24	19°52	19°43	4°11	3°24	16°42	6°54	13°40	4°53	16°14	4°32	3° 4	12°25	18°45	F 24
S 25	14 13 50	5°14'54	1♈39	19°R45	5°23	4° 1	16°56	6°59	13°41	4°53	16°15	4°29	3° 1	12°32	18°49	S 25
S 26	14 17 46	6°13'22	13°27	19°41	6°35	4°37	17°11	7° 4	13°42	4°54	16°16	4°22	2°58	12°38	18°53	S 26
M27	14 21 43	7°11'49	25°18	19°32	7°48	5°13	17°25	7° 9	13°43	4°54	16°18	4°14	2°55	12°45	18°57	M27
T 28	14 25 39	8°10'13	7♉14	19°17	9° 0	5°50	17°39	7°13	13°44	4°55	16°19	4° 3	2°52	12°52	19° 1	T 28
W29	14 29 36	9° 8'36	19°16	18°58	10°12	6°26	17°53	7°18	13°45	4°55	16°20	3°51	2°48	12°58	19° 5	W29
T 30	14 33 32	10♉ 6'57	1♊27	18♉35	11♊24	7♒ 2	18♈ 7	7♓23	13♒46	4♌56	16♈22	3♓39	2♓45	13♈ 5	19♉ 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	
W 1	4n38	19n19	4n41	9n29	0n27	13n25	0s11	22s44	0s41	3n26	1s 5	11s 4	1s23	17s30	0s38	18n51	0s11	9s15	16s43	9s27	9s56	6n40	14n56	2s	9
T 2	5 1	23 11	5 2	10 23	0 39	13 52	0 8	22 40	0 42	3 31	1 5	11 1	1 23	17 30	0 38	18 51	0 11	9 15	16 42	9 29	9 57	6 43	14 57	2	9
F 3	5 24	26 5	5 10	11 15	0 51	14 18	0 5	22 36	0 43	3 37	1 5	10 59	1 23	17 29	0 38	18 51	0 11	9 14	16 42	9 32	9 58	6 46	14 58	2	9
S 4	5 47	27 49	5 4	12 6	1 2	14 44	0 2	22 32	0 45	3 43	1 5	10 57	1 23	17 28	0 38	18 51	0 11	9 14	16 42	9 33	9 59	6 49	14 59	2	9
S 5	6 10	28 9	4 44	12 55	1 14	15 10	0n 0	22 27	0 46	3 48	1 5	10 55	1 23	17 28	0 38	18 51	0 11	9 13	16 42	9 35	10 1	6 53	15 0	2	9
M 6	6 32	27 1	4 9	13 42	1 25	15 35	0 3	22 23	0 48	3 54	1 5	10 53	1 24	17 27	0 38	18 51	0 11	9 13	16 42	9 35	10 2	6 56	15 1	2	9
T 7	6 55	24 21	3 20	14 27	1 36	16 0	0 6	22 18	0 49	4 0	1 5	10 51	1 24	17 27	0 38	18 51	0 11	9 12	16 42	9 35	10 3	6 59	15 2	2	9
W 8	7 17	20 16	2 18	15 10	1 47	16 24	0 9	22 13	0 51	4 5	1 5	10 49	1 24	17 26	0 38	18 52	0 11	9 12	16 42	9 35	10 4	7 3	15 3	2	9
T 9	7 40	14 57	1 7	15 50	1 57	16 48	0 12	22 8	0 52	4 11	1 5	10 47	1 24	17 26	0 38	18 52	0 11	9 11	16 42	9 34	10 5	7 6	15 4	2	9
F 10	8 2	8 40	0s11	16 28	2 7	17 12	0 15	22 3	0 54	4 17	1 5	10 45	1 24	17 25	0 38	18 52	0 11	9 11	16 43	9 34	10 6	7 9	15 5	2	9
S 11	8 24	1 46	1 30	17 3	2 16	17 35	0 17	21 58	0 56	4 22	1 5	10 43	1 24	17 25	0 38	18 52	0 11	9 10	16 43	9 34	10 8	7 12	15 6	2	9
S 12	8 46	5s22	2 44	17 35	2 24	17 58	0 20	21 52	0 57	4 28	1 5	10 41	1 24	17 24	0 38	18 52	0 11	9 10	16 43	9 36	10 9	7 16	15 7	2	10
M13	9 8	12 14	3 47	18 5	2 32	18 20	0 23	21 47	0 59	4 33	1 5	10 39	1 25	17 24	0 38	18 52	0 11	9 9	16 43	9 38	10 10	7 19	15 8	2	10
T 14	9 29	18 22	4 33	18 32	2 38	18 42	0 26	21 41	1 0	4 39	1 5	10 37	1 25	17 23	0 38	18 52	0 11	9 9	16 43	9 40	10 11	7 22	15 9	2	10
W15	9 51	23 17	5 0	18 56	2 44	19 3	0 29	21 36	1 2	4 44	1 5	10 35	1 25	17 23	0 38	18 52	0 11	9 8	16 43	9 43	10 12	7 25	15 10	2	10
T 16	10 12	26 35	5 7	19 17	2 49	19 24	0 32	21 30	1 4	4 50	1 5	10 33	1 25	17 23	0 38	18 52	0 11	9 8	16 43	9 46	10 13	7 29	15 11	2	10
F 17	10 33	28 3	4 54	19 35	2 52	19 44	0 35	21 24	1 5	4 55	1 5	10 31	1 25	17 22	0 38	18 52	0 11	9 7	16 43	9 48	10 14	7 32	15 12	2	10
S 18	10 54	27 43	4 24	19 50	2 55	20 4	0 38	21 18	1 7	5 1	1 5	10 29	1 25	17 22	0 38	18 52	0 11	9 7	16 43	9 50	10 16	7 35	15 13	2	10
S 19	11 15	25 47	3 41	20 2	2 56	20 24	0 40	21 11	1 9	5 6	1 5	10 27	1 26	17 21	0 38	18 52	0 11	9 6	16 43	9 51	10 17	7 38	15 14	2	10
M20	11 36	22 34	2 48	20 11	2 57	20 42	0 43	21 5	1 11	5 12	1 5	10 26	1 26	17 21	0 38	18 52	0 11	9 6	16 43	9 51	10 18	7 42	15 15	2	10
T 21	11 56	18 23	1 49	20 17	2 56	21 1	0 46	20 59	1 12	5 17	1 5	10 24	1 26	17 21	0 38	18 52	0 11	9 5	16 43	9 51	10 19	7 45	15 16	2	10
W22	12 17	13 33	0 45	20 21	2 53	21 18	0 49	20 52	1 14	5 23	1 5	10 22	1 26	17 20	0 38	18 52	0 11	9 5	16 43	9 50	10 20	7 48	15 17	2	10
T 23	12 37	8 16	0n19	20 21	2 50	21 35	0 52	20 45	1 16	5 28	1 5	10 20	1 26	17 20	0 38	18 52	0 11	9 5	16 43	9 50	10 21	7 51	15 18	2	10
F 24	12 56	2 46	1 21	20 18	2 45	21 52	0 54	20 39	1 18	5 33	1 5	10 19	1 26	17 20	0 38	18 52	0 11	9 4	16 43	9 51	10 22	7 55	15 19	2	10
S 25	13 16	2n47	2 20	20 13	2 39	22 8	0 57	20 32	1 19	5 39	1 5	10 17	1 27	17 19	0 38	18 52	0 11	9 4	16 44	9 52	10 24	7 58	15 20	2	10
S 26	13 35	8 15	3 12	20 5	2 31	22 23	1 0	20 25	1 21	5 44	1 5	10 15	1 27	17 19	0 38	18 52	0 11	9 3	16 44	9 54	10 25	8 1	15 21	2	10
M27	13 55	13 27	3 56	19 54	2 23	22 38	1 3	20 18	1 23	5 49	1 6	10 14	1 27	17 19	0 39	18 51	0 11	9 3	16 44	9 57	10 26	8 4	15 22	2	10
T 28	14 14	18 10	4 30	19 40	2 12	22 52	1 5	20 11	1 25	5 55	1 6	10 12	1 27	17 19	0 39	18 51	0 11	9 3	16 44	10 1	10 27	8 8	15 23	2	10
W29	14 32	22 14	4 53	19 24	2 1	23 5	1 8	20 4	1 27	6 0	1 6	10 11	1 27	17 18	0 39	18 51	0 11	9 2	16 44	10 6	10 28	8 11	15 24	2	10
T 30	14n51	25n22	5n 2	19n 5	1n48	23n18	1n11	19s56	1s29	6n 5	1s 6	10s 9	1s28	17s18	0s39	18n51	0s11	9s 2	16s44	10s10	10s29	8n14	15n25	2s	10

Julian Day Number = 2481585.5, Delta T = 85.58 sec
Ecliptic obliquity = 23°25'52, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°53'22, Lahiri = 25°00'22

ASTRODIENST EPHEMERIS for the year 2082
geocentric

MAY 2082

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 37 29	11♉ 5'16	13♊46	18°R 8	12♊36	7♒38	18♈21	7♓27	13♒47	4♌56	16♈23	3°R27	2♓42	13♈12	19♉13	F 1
S 2	14 41 26	12° 3'34	26°16	17♉37	13°48	8°14	18°35	7°32	13°48	4°57	16°24	3♓18	2°39	13°18	19°17	S 2
S 3	14 45 22	13° 1'49	8♋57	17° 4	15° 0	8°49	18°48	7°36	13°49	4°57	16°26	3°11	2°36	13°25	19°21	S 3
M 4	14 49 19	14° 0'02	21°52	16°28	16°12	9°25	19° 2	7°40	13°50	4°58	16°27	3° 6	2°33	13°32	19°25	M 4
T 5	14 53 15	14°58'14	5♌ 2	15°51	17°24	10° 1	19°16	7°44	13°50	4°58	16°28	3° 4	2°29	13°38	19°29	T 5
W 6	14 57 12	15°56'23	18°32	15°14	18°35	10°36	19°30	7°49	13°51	4°59	16°30	3°D 4	2°26	13°45	19°33	W 6
T 7	15 1 8	16°54'30	2♍22	14°36	19°47	11°11	19°44	7°53	13°51	5° 0	16°31	3°R 4	2°23	13°52	19°37	T 7
F 8	15 5 5	17°52'35	16°33	13°58	20°59	11°47	19°57	7°57	13°52	5° 1	16°32	3° 4	2°20	13°58	19°41	F 8
S 9	15 9 2	18°50'38	1♎ 5	13°22	22°10	12°22	20°11	8° 0	13°52	5° 1	16°33	3° 1	2°17	14° 5	19°45	S 9
S 10	15 12 58	19°48'40	15°55	12°48	23°21	12°57	20°24	8° 4	13°53	5° 2	16°35	2°56	2°13	14°12	19°49	S 10
M11	15 16 55	20°46'39	0♏56	12°16	24°33	13°32	20°38	8° 8	13°53	5° 3	16°36	2°49	2°10	14°18	19°53	M11
T 12	15 20 51	21°44'37	15°59	11°47	25°44	14° 6	20°51	8°12	13°54	5° 4	16°37	2°39	2° 7	14°25	19°57	T 12
W13	15 24 48	22°42'34	0♐56	11°21	26°55	14°41	21° 5	8°15	13°54	5° 5	16°38	2°28	2° 4	14°32	20° 1	W13
T 14	15 28 44	23°40'29	15°36	10°59	28° 7	15°16	21°18	8°19	13°54	5° 6	16°40	2°17	2° 1	14°38	20° 6	T 14
F 15	15 32 41	24°38'22	29°52	10°41	29°18	15°50	21°31	8°22	13°54	5° 7	16°41	2° 8	1°58	14°45	20°10	F 15
S 16	15 36 37	25°36'14	13♑41	10°27	0♋29	16°24	21°45	8°25	13°54	5° 8	16°42	2° 0	1°54	14°52	20°14	S 16
S 17	15 40 34	26°34'05	27° 1	10°18	1°40	16°59	21°58	8°29	13°54	5° 9	16°43	1°55	1°51	14°58	20°18	S 17
M18	15 44 31	27°31'55	9♒54	10°12	2°50	17°33	22°11	8°32	13°R55	5°10	16°44	1°53	1°48	15° 5	20°22	M18
T 19	15 48 27	28°29'44	22°23	10°D12	4° 1	18° 6	22°24	8°35	13°54	5°11	16°45	1°52	1°45	15°12	20°26	T 19
W20	15 52 24	29°27'31	4♓35	10°16	5°12	18°40	22°37	8°38	13°54	5°12	16°47	1°52	1°42	15°19	20°30	W20
T 21	15 56 20	0♊25'17	16°33	10°25	6°22	19°14	22°50	8°41	13°54	5°13	16°48	1°52	1°39	15°25	20°34	T 21
F 22	16 0 17	1°23'02	28°24	10°38	7°33	19°47	23° 3	8°43	13°54	5°14	16°49	1°50	1°35	15°32	20°38	F 22
S 23	16 4 13	2°20'46	10♈12	10°55	8°44	20°20	23°16	8°46	13°54	5°15	16°50	1°46	1°32	15°39	20°42	S 23
S 24	16 8 10	3°18'29	22° 1	11°17	9°54	20°53	23°28	8°49	13°54	5°17	16°51	1°39	1°29	15°45	20°46	S 24
M25	16 12 6	4°16'10	3♉56	11°43	11° 4	21°26	23°41	8°51	13°53	5°18	16°52	1°29	1°26	15°52	20°50	M25
T 26	16 16 3	5°13'51	16° 0	12°14	12°14	21°59	23°54	8°53	13°53	5°19	16°53	1°17	1°23	15°59	20°54	T 26
W27	16 20 0	6°11'30	28°12	12°48	13°25	22°31	24° 6	8°56	13°53	5°20	16°54	1° 4	1°19	16° 5	20°58	W27
T 28	16 23 56	7° 9'09	10♊36	13°27	14°35	23° 4	24°19	8°58	13°52	5°22	16°55	0°51	1°16	16°12	21° 2	T 28
F 29	16 27 53	8° 6'46	23°11	14° 9	15°45	23°36	24°31	9° 0	13°52	5°23	16°56	0°38	1°13	16°19	21° 6	F 29
S 30	16 31 49	9° 4'22	5♋57	14°55	16°54	24° 8	24°43	9° 2	13°51	5°24	16°57	0°28	1°10	16°25	21° 9	S 30
S 31	16 35 46	10♊ 1'57	18♋54	15♉45	18♋ 4	24♒39	24♈56	9♓ 4	13♒50	5♌26	16♈58	0♓20	1♓ 7	16♈32	21♉13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 9	27n22	4n57	18n44	1n35	23n31	1n13	19s49	1s31	6n11	1s 6	10s 8	1s28	17s18	0s39	18n51	0s11	9s 1	16s44	10s14	10s30	8n17	15n26	2s10
S 2	15 27	28 1	4 39	18 22	1 20	23 42	1 16	19 42	1 33	6 16	1 6	10 6	1 28	17 18	0 39	18 51	0 11	9 1	16 44	10 18	10 32	8 21	15 27	2 10
S 3	15 45	27 13	4 6	17 58	1 5	23 53	1 18	19 34	1 35	6 21	1 6	10 5	1 28	17 18	0 39	18 51	0 11	9 1	16 45	10 20	10 33	8 24	15 28	2 10
M 4	16 2	24 57	3 20	17 32	0 49	24 3	1 21	19 27	1 37	6 26	1 6	10 3	1 28	17 17	0 39	18 51	0 11	9 0	16 45	10 22	10 34	8 27	15 29	2 10
T 5	16 19	21 19	2 23	17 5	0 32	24 13	1 23	19 19	1 39	6 31	1 6	10 2	1 28	17 17	0 39	18 51	0 11	9 0	16 45	10 22	10 35	8 30	15 30	2 11
W 6	16 36	16 29	1 16	16 38	0 15	24 22	1 26	19 11	1 41	6 36	1 6	10 1	1 29	17 17	0 39	18 50	0 11	9 0	16 45	10 23	10 36	8 33	15 31	2 11
T 7	16 53	10 41	0 4	16 10	0s 3	24 30	1 28	19 4	1 43	6 42	1 6	9 59	1 29	17 17	0 39	18 50	0 11	8 59	16 45	10 23	10 37	8 37	15 32	2 11
F 8	17 9	4 13	1s11	15 42	0 20	24 38	1 30	18 56	1 45	6 47	1 6	9 58	1 29	17 17	0 39	18 50	0 11	8 59	16 45	10 23	10 38	8 40	15 33	2 11
S 9	17 25	2s37	2 23	15 15	0 38	24 44	1 33	18 48	1 47	6 52	1 6	9 57	1 29	17 17	0 39	18 50	0 11	8 59	16 46	10 24	10 40	8 43	15 34	2 11
S 10	17 41	9 26	3 26	14 48	0 55	24 51	1 35	18 40	1 49	6 57	1 6	9 55	1 29	17 17	0 39	18 50	0 11	8 59	16 46	10 25	10 41	8 46	15 35	2 11
M11	17 56	15 47	4 16	14 23	1 11	24 56	1 37	18 32	1 51	7 2	1 6	9 54	1 30	17 17	0 39	18 50	0 11	8 58	16 46	10 28	10 42	8 49	15 36	2 11
T 12	18 12	21 13	4 48	13 59	1 27	25 1	1 39	18 24	1 54	7 7	1 7	9 53	1 30	17 17	0 39	18 49	0 11	8 58	16 46	10 32	10 43	8 53	15 37	2 11
W13	18 27	25 14	5 1	13 36	1 43	25 5	1 41	18 16	1 56	7 12	1 7	9 52	1 30	17 16	0 39	18 49	0 11	8 58	16 46	10 35	10 44	8 56	15 38	2 11
T 14	18 41	27 30	4 53	13 15	1 57	25 8	1 43	18 8	1 58	7 16	1 7	9 51	1 30	17 16	0 39	18 49	0 11	8 57	16 47	10 39	10 45	8 59	15 39	2 11
F 15	18 55	27 53	4 27	12 57	2 11	25 11	1 45	18 0	2 0	7 21	1 7	9 50	1 31	17 16	0 39	18 49	0 11	8 57	16 47	10 43	10 46	9 2	15 40	2 11
S 16	19 9	26 28	3 46	12 40	2 24	25 13	1 47	17 52	2 3	7 26	1 7	9 49	1 31	17 16	0 39	18 49	0 11	8 57	16 47	10 45	10 48	9 5	15 41	2 11
S 17	19 23	23 35	2 53	12 26	2 36	25 14	1 49	17 44	2 5	7 31	1 7	9 48	1 31	17 16	0 39	18 48	0 10	8 57	16 47	10 47	10 49	9 9	15 42	2 12
M18	19 36	19 35	1 54	12 14	2 47	25 15	1 51	17 35	2 7	7 36	1 7	9 47	1 31	17 16	0 39	18 48	0 10	8 57	16 48	10 48	10 50	9 12	15 43	2 12
T 19	19 49	14 50	0 50	12 4	2 57	25 15	1 52	17 27	2 9	7 41	1 7	9 46	1 31	17 17	0 39	18 48	0 10	8 56	16 48	10 48	10 51	9 15	15 44	2 12
W20	20 2	9 36	0n14	11 57	3 6	25 14	1 54	17 19	2 12	7 45	1 7	9 45	1 32	17 17	0 39	18 48	0 10	8 56	16 48	10 48	10 52	9 18	15 45	2 12
T 21	20 14	4 8	1 17	11 52	3 13	25 12	1 56	17 11	2 14	7 50	1 7	9 44	1 32	17 17	0 39	18 47	0 10	8 56	16 48	10 49	10 53	9 21	15 46	2 12
F 22	20 26	1n26	2 15	11 50	3 20	25 10	1 57	17 2	2 17	7 55	1 7	9 43	1 32	17 17	0 39	18 47	0 10	8 56	16 48	10 49	10 54	9 25	15 47	2 12
S 23	20 37	6 55	3 8	11 50	3 26	25 7	1 59	16 54	2 19	7 59	1 8	9 42	1 32	17 17	0 39	18 47	0 10	8 56	16 49	10 51	10 55	9 28	15 48	2 12
S 24	20 49	12 10	3 52	11 52	3 31	25 3	2 0	16 46	2 22	8 4	1 8	9 42	1 32	17 17	0 40	18 46	0 10	8 55	16 49	10 53	10 57	9 31	15 49	2 12
M25	20 59	17 0	4 27	11 57	3 34	24 59	2 1	16 37	2 24	8 8	1 8	9 41	1 33	17 17	0 40	18 46	0 10	8 55	16 49	10 57	10 58	9 34	15 50	2 12
T 26	21 10	21 14	4 49	12 3	3 37	24 54	2 2	16 29	2 27	8 13	1 8	9 40	1 33	17 17	0 40	18 46	0 10	8 55	16 49	11 1	10 59	9 37	15 51	2 12
W27	21 20	24 37	4 59	12 12	3 39	24 48	2 3	16 21	2 29	8 18	1 8	9 39	1 33	17 17	0 40	18 46	0 10	8 55	16 50	11 5	11 0	9 40	15 52	2 13
T 28	21 30	26 54	4 56	12 22	3 40	24 42	2 4	16 13	2 32	8 22	1 8	9 39	1 33	17 18	0 40	18 45	0 10	8 55	16 50	11 10	11 1	9 44	15 52	2 13
F 29	21 39	27 52	4 37	12 34	3 40	24 35	2 5	16 4	2 34	8 26	1 8	9 38	1 34	17 18	0 40	18 45	0 10	8 55	16 50	11 15	11 2	9 47	15 53	2 13
S 30	21 48	27 23	4 5	12 48	3 39	24 27	2 6	15 56	2 37	8 31	1 8	9 38	1 34	17 18	0 40	18 45	0 10	8 55	16 51	11 18	11 3	9 50	15 54	2 13
S 31	21n57	25n24	3n20	13n 4	3s38	24n19	2n 7	15s48	2s39	8n35	1s 8	9s37	1s34	17s18	0s40	18n44	0s10	8s55	16s51	11s21	11s 4	9n53	15n55	2s13

Julian Day Number = 2481615.5, Delta T = 85.62 sec
Ecliptic obliquity = 23°25'51, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°53'26, Lahiri = 25°00'26

ASTRODIENST EPHEMERIS for the year 2082
geocentric

JUNE 2082 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 39 42	10♊59'30	2♌ 3	16♉38	19♋14	25♒11	25♈ 8	9♓ 6	13°R50	5♌27	16♈59	0°R14	1♓ 4	16♈39	21♉17	M 1
T 2	16 43 39	11°57'02	15°24	17°35	20°23	25°42	25°20	9° 8	13♒49	5°29	17° 0	0♓12	1° 0	16°45	21°21	T 2
W 3	16 47 35	12°54'33	28°58	18°35	21°33	26°13	25°32	9° 9	13°48	5°30	17° 1	0°D11	0°57	16°52	21°25	W 3
T 4	16 51 32	13°52'02	12♍46	19°38	22°42	26°44	25°44	9°11	13°48	5°32	17° 2	0°R11	0°54	16°59	21°29	T 4
F 5	16 55 29	14°49'30	26°49	20°45	23°52	27°14	25°56	9°12	13°47	5°33	17° 2	0°11	0°51	17° 5	21°33	F 5
S 6	16 59 25	15°46'57	11♎ 6	21°55	25° 1	27°45	26° 8	9°14	13°46	5°35	17° 3	0° 9	0°48	17°12	21°36	S 6
S 7	17 3 22	16°44'22	25°36	23° 7	26°10	28°15	26°19	9°15	13°45	5°36	17° 4	0° 5	0°45	17°19	21°40	S 7
M 8	17 7 18	17°41'47	10♏15	24°23	27°19	28°44	26°31	9°16	13°44	5°38	17° 5	29♒58	0°41	17°26	21°44	M 8
T 9	17 11 15	18°39'10	24°56	25°42	28°27	29°14	26°42	9°17	13°43	5°40	17° 6	29°49	0°38	17°32	21°48	T 9
W10	17 15 11	19°36'33	9♐32	27° 4	29°36	29°43	26°54	9°18	13°42	5°41	17° 6	29°38	0°35	17°39	21°51	W10
T 11	17 19 8	20°33'54	23°56	28°29	0♌45	0♓12	27° 5	9°19	13°41	5°43	17° 7	29°28	0°32	17°46	21°55	T 11
F 12	17 23 4	21°31'15	8♑ 2	29°56	1°53	0°41	27°16	9°20	13°40	5°45	17° 8	29°19	0°29	17°52	21°59	F 12
S 13	17 27 1	22°28'35	21°44	1♊27	3° 1	1°10	27°27	9°20	13°39	5°46	17° 9	29°12	0°25	17°59	22° 2	S 13
S 14	17 30 58	23°25'55	5♒ 1	3° 0	4°10	1°38	27°38	9°21	13°37	5°48	17° 9	29° 7	0°22	18° 6	22° 6	S 14
M15	17 34 54	24°23'14	17°54	4°36	5°18	2° 6	27°49	9°21	13°36	5°50	17°10	29° 5	0°19	18°12	22°10	M15
T 16	17 38 51	25°20'32	0♓26	6°15	6°26	2°33	28° 0	9°22	13°35	5°52	17°11	29°D 4	0°16	18°19	22°13	T 16
W17	17 42 47	26°17'50	12°39	7°57	7°33	3° 0	28°11	9°22	13°33	5°53	17°11	29° 5	0°13	18°26	22°17	W17
T 18	17 46 44	27°15'08	24°40	9°41	8°41	3°27	28°22	9°22	13°32	5°55	17°12	29°R 5	0°10	18°32	22°20	T 18
F 19	17 50 40	28°12'25	6♈32	11°29	9°49	3°54	28°32	9°R22	13°31	5°57	17°13	29° 5	0° 6	18°39	22°24	F 19
S 20	17 54 37	29° 9'43	18°23	13°19	10°56	4°20	28°43	9°22	13°29	5°59	17°13	29° 3	0° 3	18°46	22°27	S 20
S 21	17 58 33	0♋ 6'59	0♉15	15°11	12° 3	4°46	28°53	9°22	13°28	6° 1	17°14	28°59	0° 0	18°53	22°31	S 21
M22	18 2 30	1° 4'16	12°14	17° 6	13°10	5°11	29° 3	9°22	13°26	6° 3	17°14	28°52	29♒57	18°59	22°34	M22
T 23	18 6 27	2° 1'33	24°24	19° 4	14°17	5°36	29°13	9°22	13°25	6° 5	17°15	28°44	29°54	19° 6	22°37	T 23
W24	18 10 23	2°58'49	6♊46	21° 4	15°24	6° 1	29°23	9°21	13°23	6° 6	17°15	28°35	29°51	19°13	22°41	W24
T 25	18 14 20	3°56'05	19°23	23° 5	16°31	6°25	29°33	9°21	13°21	6° 8	17°16	28°25	29°47	19°19	22°44	T 25
F 26	18 18 16	4°53'20	2♋14	25° 9	17°37	6°49	29°43	9°20	13°20	6°10	17°16	28°16	29°44	19°26	22°47	F 26
S 27	18 22 13	5°50'36	15°20	27°15	18°43	7°12	29°53	9°19	13°18	6°12	17°17	28° 8	29°41	19°33	22°51	S 27
S 28	18 26 9	6°47'51	28°38	29°22	19°50	7°35	0♉ 2	9°19	13°16	6°14	17°17	28° 2	29°38	19°39	22°54	S 28
M29	18 30 6	7°45'06	12♌ 9	1♋31	20°55	7°58	0°11	9°18	13°14	6°16	17°18	27°59	29°35	19°46	22°57	M29
T 30	18 34 3	8♋42'20	25♌50	3♋40	22♌ 1	8♓20	0♉21	9♓17	13♒13	6♌18	17♈18	27°D58	29♒31	19♈53	23♉ 0	T 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	
M 1	22n 5	22n 1	2n23	13n21	3s36	24n 9	2n 8	15s40	2s42	8n39	1s 9	9s37	1s34	17s18	0s40	18n44	0s10	8s55	16s51	11s23	11s 6	9n56	15n56	2s13	M 1
T 2	22 13	17 27	1 17	13 40	3 33	24 0	2 8	15 32	2 45	8 44	1 9	9 36	1 34	17 19	0 40	18 44	0 10	8 54	16 51	11 24	11 7	9 59	15 57	2 13	T 2
W 3	22 20	11 56	0 7	14 0	3 29	23 50	2 9	15 24	2 47	8 48	1 9	9 36	1 35	17 19	0 40	18 43	0 10	8 54	16 52	11 24	11 8	10 3	15 58	2 13	W 3
T 4	22 27	5 45	1s 6	14 21	3 25	23 39	2 9	15 16	2 50	8 52	1 9	9 35	1 35	17 19	0 40	18 43	0 10	8 54	16 52	11 24	11 9	10 6	15 59	2 13	T 4
F 5	22 34	0s49	2 16	14 44	3 19	23 27	2 9	15 8	2 53	8 56	1 9	9 35	1 35	17 19	0 40	18 43	0 10	8 54	16 52	11 24	11 10	10 9	16 0	2 14	F 5
S 6	22 40	7 26	3 19	15 7	3 14	23 15	2 10	15 0	2 56	9 1	1 9	9 35	1 35	17 20	0 40	18 42	0 10	8 54	16 53	11 25	11 11	10 12	16 0	2 14	S 6
S 7	22 46	13 46	4 9	15 31	3 7	23 2	2 10	14 52	2 58	9 5	1 9	9 34	1 36	17 20	0 40	18 42	0 10	8 54	16 53	11 26	11 12	10 15	16 1	2 14	S 7
M 8	22 52	19 23	4 44	15 57	3 1	22 49	2 10	14 44	3 1	9 9	1 9	9 34	1 36	17 20	0 40	18 41	0 10	8 54	16 53	11 29	11 13	10 18	16 2	2 14	M 8
T 9	22 57	23 51	5 1	16 22	2 53	22 35	2 10	14 37	3 4	9 13	1 10	9 34	1 36	17 21	0 40	18 41	0 10	8 54	16 54	11 32	11 15	10 21	16 3	2 14	T 9
W10	23 1	26 46	4 57	16 49	2 45	22 20	2 10	14 29	3 7	9 17	1 10	9 34	1 36	17 21	0 40	18 41	0 10	8 54	16 54	11 36	11 16	10 24	16 4	2 14	W10
T 11	23 6	27 52	4 35	17 16	2 37	22 5	2 9	14 21	3 10	9 21	1 10	9 34	1 36	17 21	0 40	18 40	0 10	8 54	16 54	11 39	11 17	10 28	16 4	2 14	T 11
F 12	23 10	27 7	3 56	17 43	2 28	21 50	2 9	14 14	3 13	9 24	1 10	9 34	1 37	17 22	0 40	18 40	0 10	8 54	16 54	11 42	11 18	10 31	16 5	2 15	F 12
S 13	23 13	24 43	3 5	18 11	2 18	21 33	2 8	14 6	3 16	9 28	1 10	9 34	1 37	17 22	0 40	18 40	0 10	8 54	16 55	11 45	11 19	10 34	16 6	2 15	S 13
S 14	23 16	21 1	2 4	18 39	2 9	21 17	2 8	13 59	3 19	9 32	1 10	9 34	1 37	17 22	0 40	18 39	0 10	8 54	16 55	11 47	11 20	10 37	16 7	2 15	S 14
M15	23 19	16 24	0 59	19 7	1 58	21 0	2 7	13 52	3 22	9 36	1 11	9 34	1 37	17 23	0 40	18 39	0 10	8 54	16 55	11 47	11 21	10 40	16 8	2 15	M15
T 16	23 21	11 12	0n 7	19 34	1 48	20 42	2 6	13 45	3 25	9 40	1 11	9 34	1 38	17 23	0 40	18 38	0 10	8 54	16 56	11 48	11 22	10 43	16 8	2 15	T 16
W17	23 23	5 42	1 12	20 2	1 37	20 24	2 5	13 38	3 28	9 43	1 11	9 34	1 38	17 24	0 40	18 38	0 10	8 54	16 56	11 47	11 24	10 46	16 9	2 15	W17
T 18	23 24	0 6	2 12	20 28	1 26	20 5	2 4	13 31	3 31	9 47	1 11	9 34	1 38	17 24	0 40	18 37	0 10	8 55	16 56	11 47	11 25	10 49	16 10	2 15	T 18
F 19	23 25	5n27	3 6	20 55	1 15	19 46	2 3	13 24	3 34	9 51	1 11	9 34	1 38	17 24	0 40	18 37	0 10	8 55	16 57	11 47	11 26	10 53	16 11	2 16	F 19
S 20	23 26	10 46	3 52	21 20	1 4	19 26	2 2	13 17	3 37	9 54	1 11	9 34	1 39	17 25	0 40	18 37	0 10	8 55	16 57	11 48	11 27	10 56	16 11	2 16	S 20
S 21	23 26	15 44	4 28	21 45	0 52	19 6	2 1	13 11	3 40	9 58	1 11	9 35	1 39	17 25	0 40	18 36	0 10	8 55	16 57	11 50	11 28	10 59	16 12	2 16	S 21
M22	23 26	20 8	4 52	22 8	0 41	18 46	1 59	13 4	3 43	10 1	1 12	9 35	1 39	17 26	0 41	18 36	0 10	8 55	16 58	11 52	11 29	11 2	16 13	2 16	M22
T 23	23 25	23 46	5 4	22 30	0 29	18 25	1 58	12 58	3 47	10 4	1 12	9 35	1 39	17 26	0 41	18 35	0 10	8 55	16 58	11 55	11 30	11 5	16 13	2 16	T 23
W24	23 24	26 23	5 2	22 50	0 18	18 3	1 56	12 52	3 50	10 8	1 12	9 36	1 39	17 27	0 41	18 35	0 10	8 55	16 59	11 58	11 31	11 8	16 14	2 16	W24
T 25	23 22	27 44	4 45	23 9	0 6	17 42	1 54	12 46	3 53	10 11	1 12	9 36	1 40	17 27	0 41	18 34	0 10	8 55	16 59	12 1	11 33	11 11	16 15	2 17	T 25
F 26	23 20	27 38	4 14	23 25	0n 5	17 20	1 52	12 40	3 56	10 14	1 12	9 37	1 40	17 28	0 41	18 34	0 10	8 56	16 59	12 5	11 34	11 14	16 15	2 17	F 26
S 27	23 18	26 0	3 28	23 40	0 16	16 57	1 50	12 34	4 0	10 18	1 12	9 37	1 40	17 28	0 41	18 33	0 10	8 56	17 0	12 7	11 35	11 17	16 16	2 17	S 27
S 28	23 15	22 53	2 31	23 52	0 26	16 34	1 48	12 28	4 3	10 21	1 13	9 38	1 40	17 29	0 41	18 33	0 10	8 56	17 0	12 9	11 36	11 20	16 17	2 17	S 28
M29	23 12	18 30	1 24	24 1	0 36	16 11	1 46	12 23	4 6	10 24	1 13	9 38	1 41	17 29	0 41	18 32	0 10	8 56	17 0	12 10	11 37	11 23	16 17	2 17	M29
T 30	23n 9	13n 5	0n12	24n 9	0n46	15n47	1n43	12s18	4s10	10n27	1s13	9s39	1s41	17s30	0s41	18n32	0s10	8s56	17s 1	12s11	11s38	11n26	16n18	2s17	T 30

Julian Day Number = 2481646.5, Delta T = 85.65 sec
Ecliptic obliquity = 23°25'50, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°53'30, Lahiri = 25°00'31

ASTRODIENST EPHEMERIS for the year 2082
geocentric

JULY 2082 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 37 59	9♋39'34	9♍39	5♋51	23♌ 7	8♓42	0♉30	9°R16	13°R11	6♌20	17♈18	27♒58	29♒28	19♈59	23♉ 3	W 1
T 2	18 41 56	10°36'47	23°37	8° 1	24°12	9° 3	0°39	9♓14	13♒ 9	6°22	17°19	27°59	29°25	20° 6	23° 6	T 2
F 3	18 45 52	11°34'00	7♎43	10°12	25°17	9°23	0°48	9°13	13° 7	6°24	17°19	28°R 0	29°22	20°13	23° 9	F 3
S 4	18 49 49	12°31'12	21°54	12°23	26°22	9°43	0°57	9°12	13° 5	6°26	17°19	28° 0	29°19	20°20	23°12	S 4
S 5	18 53 45	13°28'24	6♏10	14°33	27°27	10° 3	1° 5	9°10	13° 3	6°29	17°20	27°58	29°16	20°26	23°15	S 5
M 6	18 57 42	14°25'36	20°27	16°43	28°32	10°22	1°14	9° 9	13° 1	6°31	17°20	27°54	29°12	20°33	23°18	M 6
T 7	19 1 38	15°22'48	4♐43	18°52	29°36	10°41	1°22	9° 7	12°59	6°33	17°20	27°49	29° 9	20°40	23°21	T 7
W 8	19 5 35	16°19'59	18°52	20°59	0♍40	10°59	1°30	9° 5	12°57	6°35	17°20	27°42	29° 6	20°46	23°24	W 8
T 9	19 9 32	17°17'11	2♑50	23° 6	1°44	11°16	1°39	9° 3	12°55	6°37	17°20	27°36	29° 3	20°53	23°27	T 9
F 10	19 13 28	18°14'22	16°34	25°11	2°48	11°33	1°47	9° 1	12°53	6°39	17°21	27°30	29° 0	21° 0	23°29	F 10
S 11	19 17 25	19°11'34	29°59	27°15	3°51	11°50	1°54	8°59	12°51	6°41	17°21	27°26	28°57	21° 6	23°32	S 11
S 12	19 21 21	20° 8'45	13♒ 5	29°17	4°54	12° 5	2° 2	8°57	12°49	6°43	17°21	27°23	28°53	21°13	23°35	S 12
M13	19 25 18	21° 5'57	25°52	1♌17	5°57	12°21	2°10	8°55	12°46	6°45	17°21	27°D23	28°50	21°20	23°37	M13
T 14	19 29 14	22° 3'10	8♓20	3°16	7° 0	12°35	2°17	8°53	12°44	6°48	17°21	27°23	28°47	21°26	23°40	T 14
W15	19 33 11	23° 0'22	20°33	5°13	8° 2	12°49	2°24	8°50	12°42	6°50	17°21	27°24	28°44	21°33	23°42	W15
T 16	19 37 7	23°57'35	2♈34	7° 8	9° 4	13° 2	2°31	8°48	12°40	6°52	17°21	27°26	28°41	21°40	23°45	T 16
F 17	19 41 4	24°54'49	14°28	9° 1	10° 6	13°15	2°38	8°45	12°38	6°54	17°R21	27°27	28°37	21°47	23°47	F 17
S 18	19 45 1	25°52'04	26°19	10°53	11° 8	13°27	2°45	8°43	12°35	6°56	17°21	27°R28	28°34	21°53	23°50	S 18
S 19	19 48 57	26°49'19	8♉14	12°42	12° 9	13°38	2°52	8°40	12°33	6°59	17°21	27°27	28°31	22° 0	23°52	S 19
M20	19 52 54	27°46'35	20°15	14°30	13°10	13°48	2°58	8°37	12°31	7° 1	17°21	27°25	28°28	22° 7	23°54	M20
T 21	19 56 50	28°43'51	2♊28	16°16	14°10	13°58	3° 5	8°34	12°29	7° 3	17°21	27°22	28°25	22°13	23°56	T 21
W22	20 0 47	29°41'08	14°56	18° 0	15°11	14° 7	3°11	8°31	12°26	7° 5	17°21	27°18	28°22	22°20	23°59	W22
T 23	20 4 43	0♌38'26	27°41	19°42	16°11	14°16	3°17	8°28	12°24	7° 7	17°21	27°14	28°18	22°27	24° 1	T 23
F 24	20 8 40	1°35'45	10♋46	21°23	17°10	14°23	3°23	8°25	12°22	7°10	17°21	27°10	28°15	22°33	24° 3	F 24
S 25	20 12 36	2°33'04	24° 9	23° 1	18° 9	14°30	3°28	8°22	12°19	7°12	17°21	27° 7	28°12	22°40	24° 5	S 25
S 26	20 16 33	3°30'24	7♌49	24°38	19° 8	14°36	3°34	8°19	12°17	7°14	17°20	27° 5	28° 9	22°47	24° 7	S 26
M27	20 20 30	4°27'45	21°44	26°13	20° 7	14°41	3°39	8°16	12°15	7°16	17°20	27°D 4	28° 6	22°54	24° 9	M27
T 28	20 24 26	5°25'06	5♍51	27°46	21° 5	14°46	3°44	8°12	12°12	7°18	17°20	27° 4	28° 3	23° 0	24°11	T 28
W29	20 28 23	6°22'27	20° 5	29°18	22° 3	14°49	3°50	8° 9	12°10	7°21	17°20	27° 5	27°59	23° 7	24°13	W29
T 30	20 32 19	7°19'50	4♎23	0♍47	23° 0	14°52	3°54	8° 5	12° 7	7°23	17°19	27° 6	27°56	23°14	24°14	T 30
F 31	20 36 16	8♌17'12	18♎42	2♍15	23♍57	14♓54	3♉59	8♓ 2	12♒ 5	7♌25	17♈19	27♒ 7	27♒53	23♈20	24♉16	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	23n 5	6n59	1s 3	24n13	0n55	15n23	1n41	12s13	4s13	10n30	1s13	9s39	1s41	17s30	0s41	18n31	0s10	8s56	17s 1	12s10	11s39	11n30	16n19	2s18
T 2	23 0	0 29	2 14	24 15	1 3	14 59	1 38	12 8	4 16	10 33	1 13	9 40	1 41	17 31	0 41	18 31	0 10	8 57	17 1	12 10	11 40	11 33	16 19	2 18
F 3	22 56	6s 5	3 18	24 13	1 11	14 35	1 35	12 3	4 20	10 36	1 14	9 41	1 41	17 32	0 41	18 30	0 10	8 57	17 2	12 10	11 41	11 36	16 20	2 18
S 4	22 50	12 23	4 10	24 9	1 18	14 10	1 32	11 59	4 23	10 39	1 14	9 41	1 42	17 32	0 41	18 30	0 10	8 57	17 2	12 10	11 43	11 39	16 20	2 18
S 5	22 45	18 5	4 47	24 3	1 25	13 45	1 29	11 54	4 27	10 42	1 14	9 42	1 42	17 33	0 41	18 29	0 10	8 57	17 2	12 11	11 44	11 42	16 21	2 18
M 6	22 39	22 46	5 6	23 53	1 31	13 19	1 26	11 50	4 30	10 44	1 14	9 43	1 42	17 33	0 41	18 29	0 10	8 58	17 3	12 12	11 45	11 45	16 21	2 19
T 7	22 33	26 6	5 7	23 41	1 36	12 54	1 23	11 46	4 33	10 47	1 14	9 44	1 42	17 34	0 41	18 28	0 10	8 58	17 3	12 14	11 46	11 48	16 22	2 19
W 8	22 26	27 45	4 48	23 26	1 40	12 28	1 19	11 43	4 37	10 50	1 15	9 45	1 43	17 34	0 41	18 28	0 10	8 58	17 4	12 16	11 47	11 51	16 22	2 19
T 9	22 19	27 37	4 13	23 9	1 44	12 2	1 16	11 39	4 40	10 52	1 15	9 46	1 43	17 35	0 41	18 27	0 10	8 58	17 4	12 18	11 48	11 54	16 23	2 19
F 10	22 11	25 46	3 23	22 50	1 46	11 36	1 12	11 36	4 44	10 55	1 15	9 46	1 43	17 36	0 41	18 27	0 10	8 59	17 4	12 20	11 49	11 57	16 23	2 19
S 11	22 3	22 29	2 23	22 28	1 48	11 9	1 8	11 33	4 47	10 57	1 15	9 47	1 43	17 36	0 41	18 26	0 10	8 59	17 5	12 22	11 50	12 0	16 24	2 19
S 12	21 55	18 7	1 17	22 5	1 50	10 42	1 4	11 30	4 51	11 0	1 15	9 48	1 43	17 37	0 41	18 26	0 10	8 59	17 5	12 22	11 51	12 3	16 24	2 20
M13	21 47	13 1	0 8	21 39	1 50	10 16	1 0	11 27	4 54	11 2	1 16	9 49	1 44	17 38	0 41	18 25	0 10	8 59	17 5	12 23	11 52	12 6	16 25	2 20
T 14	21 38	7 31	0n59	21 12	1 50	9 49	0 56	11 25	4 58	11 5	1 16	9 50	1 44	17 38	0 41	18 25	0 10	9 0	17 6	12 23	11 54	12 9	16 25	2 20
W15	21 28	1 52	2 3	20 44	1 49	9 21	0 52	11 23	5 1	11 7	1 16	9 52	1 44	17 39	0 41	18 24	0 10	9 0	17 6	12 22	11 55	12 12	16 26	2 20
T 16	21 18	3n47	3 0	20 13	1 48	8 54	0 48	11 21	5 5	11 9	1 16	9 53	1 44	17 39	0 41	18 24	0 10	9 0	17 6	12 22	11 56	12 15	16 26	2 20
F 17	21 8	9 13	3 49	19 42	1 46	8 26	0 43	11 19	5 8	11 11	1 16	9 54	1 44	17 40	0 41	18 23	0 10	9 1	17 7	12 21	11 57	12 18	16 26	2 21
S 18	20 58	14 19	4 28	19 9	1 43	7 59	0 38	11 18	5 12	11 13	1 17	9 55	1 45	17 41	0 41	18 23	0 10	9 1	17 7	12 21	11 58	12 21	16 27	2 21
S 19	20 47	18 54	4 56	18 35	1 40	7 31	0 34	11 17	5 15	11 15	1 17	9 56	1 45	17 41	0 41	18 22	0 10	9 1	17 8	12 21	11 59	12 24	16 27	2 21
M20	20 36	22 47	5 10	18 1	1 36	7 3	0 29	11 16	5 18	11 17	1 17	9 57	1 45	17 42	0 41	18 21	0 10	9 2	17 8	12 22	12 0	12 27	16 28	2 21
T 21	20 24	25 44	5 12	17 25	1 32	6 35	0 24	11 15	5 22	11 19	1 17	9 59	1 45	17 43	0 41	18 21	0 10	9 2	17 8	12 23	12 1	12 30	16 28	2 22
W22	20 13	27 31	4 58	16 49	1 27	6 7	0 18	11 15	5 25	11 21	1 17	10 0	1 45	17 43	0 41	18 20	0 10	9 3	17 9	12 24	12 2	12 33	16 28	2 22
T 23	20 0	27 55	4 30	16 12	1 22	5 39	0 13	11 15	5 29	11 23	1 18	10 1	1 46	17 44	0 41	18 20	0 10	9 3	17 9	12 26	12 3	12 36	16 29	2 22
F 24	19 48	26 46	3 47	15 34	1 16	5 11	0 8	11 15	5 32	11 25	1 18	10 3	1 46	17 45	0 41	18 19	0 10	9 3	17 9	12 27	12 5	12 39	16 29	2 22
S 25	19 35	24 5	2 51	14 56	1 10	4 43	0 2	11 15	5 35	11 27	1 18	10 4	1 46	17 45	0 41	18 19	0 10	9 4	17 10	12 28	12 6	12 42	16 29	2 22
S 26	19 22	19 59	1 44	14 18	1 3	4 15	0s 4	11 16	5 39	11 28	1 18	10 5	1 46	17 46	0 41	18 18	0 10	9 4	17 10	12 29	12 7	12 45	16 29	2 23
M27	19 8	14 43	0 29	13 40	0 56	3 46	0 9	11 17	5 42	11 30	1 19	10 7	1 46	17 47	0 41	18 18	0 10	9 4	17 10	12 29	12 8	12 48	16 30	2 23
T 28	18 54	8 37	0s48	13 1	0 49	3 18	0 15	11 18	5 45	11 31	1 19	10 8	1 46	17 47	0 41	18 17	0 9	9 5	17 11	12 29	12 9	12 51	16 30	2 23
W29	18 40	2 2	2 3	12 22	0 41	2 50	0 21	11 19	5 48	11 33	1 19	10 10	1 47	17 48	0 41	18 17	0 9	9 5	17 11	12 29	12 10	12 54	16 30	2 23
T 30	18 26	4s40	3 11	11 43	0 33	2 21	0 27	11 21	5 51	11 34	1 19	10 11	1 47	17 49	0 41	18 16	0 10	9 6	17 11	12 28	12 11	12 57	16 30	2 23
F 31	18n11	11s 8	4s 7	11n 4	0n25	1n53	0s34	11s23	5s54	11n36	1s19	10s13	1s47	17s49	0s41	18n15	0s 9	9s 6	17s12	12s28	12s12	13n 0	16n31	2s24

Julian Day Number = 2481676.5, Delta T = 85.68 sec
Ecliptic obliquity = 23°25'50, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°53'34, Lahiri = 25°00'35

ASTRODIENST EPHEMERIS for the year 2082
geocentric

AUGUST 2082 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 40 12	9♌14'35	2♏58	3♍40	24♍53	14♓56	4♉ 4	7°R58	12°R 3	7♌27	17°R19	27°R 8	27♒50	23♈27	24♉18	S 1
S 2	20 44 9	10°11'59	17° 9	5° 4	25°49	14°R56	4° 8	7♓54	12♒ 0	7°30	17♈18	27♒ 8	27°47	23°34	24°19	S 2
M 3	20 48 5	11° 9'23	1♐12	6°26	26°44	14°56	4°12	7°51	11°58	7°32	17°18	27° 7	27°43	23°40	24°21	M 3
T 4	20 52 2	12° 6'48	15° 7	7°46	27°39	14°55	4°16	7°47	11°55	7°34	17°18	27° 6	27°40	23°47	24°22	T 4
W 5	20 55 59	13° 4'13	28°51	9° 4	28°33	14°53	4°20	7°43	11°53	7°36	17°17	27° 4	27°37	23°54	24°24	W 5
T 6	20 59 55	14° 1'40	12♑22	10°20	29°27	14°51	4°23	7°39	11°51	7°38	17°17	27° 2	27°34	24° 1	24°25	T 6
F 7	21 3 52	14°59'07	25°40	11°33	0♎21	14°47	4°27	7°35	11°48	7°41	17°17	27° 1	27°31	24° 7	24°27	F 7
S 8	21 7 48	15°56'34	8♒43	12°45	1°13	14°43	4°30	7°31	11°46	7°43	17°16	27° 0	27°28	24°14	24°28	S 8
S 9	21 11 45	16°54'03	21°32	13°54	2° 5	14°38	4°33	7°27	11°43	7°45	17°16	26°D59	27°24	24°21	24°29	S 9
M10	21 15 41	17°51'33	4♓ 5	15° 1	2°57	14°32	4°36	7°23	11°41	7°47	17°15	26°59	27°21	24°27	24°30	M10
T 11	21 19 38	18°49'04	16°25	16° 5	3°47	14°26	4°39	7°19	11°39	7°49	17°15	27° 0	27°18	24°34	24°32	T 11
W12	21 23 34	19°46'36	28°34	17° 7	4°38	14°19	4°41	7°14	11°36	7°52	17°14	27° 0	27°15	24°41	24°33	W12
T 13	21 27 31	20°44'09	10♈33	18° 7	5°27	14°11	4°43	7°10	11°34	7°54	17°14	27° 1	27°12	24°47	24°34	T 13
F 14	21 31 28	21°41'44	22°26	19° 3	6°16	14° 2	4°45	7° 6	11°32	7°56	17°13	27° 2	27° 9	24°54	24°35	F 14
S 15	21 35 24	22°39'21	4♉18	19°56	7° 4	13°53	4°47	7° 2	11°29	7°58	17°12	27° 2	27° 5	25° 1	24°35	S 15
S 16	21 39 21	23°36'58	16°12	20°47	7°51	13°43	4°49	6°57	11°27	8° 0	17°12	27° 2	27° 2	25° 8	24°36	S 16
M17	21 43 17	24°34'38	28°13	21°34	8°37	13°32	4°51	6°53	11°25	8° 3	17°11	27°R 2	26°59	25°14	24°37	M17
T 18	21 47 14	25°32'18	10♊25	22°18	9°23	13°21	4°52	6°49	11°22	8° 5	17°11	27° 2	26°56	25°21	24°38	T 18
W19	21 51 10	26°30'01	22°53	22°58	10° 7	13° 9	4°53	6°44	11°20	8° 7	17°10	27° 2	26°53	25°28	24°38	W19
T 20	21 55 7	27°27'45	5♋41	23°35	10°51	12°57	4°54	6°40	11°18	8° 9	17° 9	27°D 2	26°49	25°34	24°39	T 20
F 21	21 59 4	28°25'30	18°50	24° 7	11°34	12°44	4°55	6°35	11°16	8°11	17° 9	27° 2	26°46	25°41	24°40	F 21
S 22	22 3 0	29°23'18	2♌23	24°35	12°16	12°30	4°55	6°31	11°13	8°13	17° 8	27° 2	26°43	25°48	24°40	S 22
S 23	22 6 57	0♍21'06	16°19	24°59	12°57	12°16	4°55	6°26	11°11	8°15	17° 7	27° 2	26°40	25°54	24°40	S 23
M24	22 10 53	1°18'56	0♍35	25°18	13°37	12° 2	4°R56	6°22	11° 9	8°17	17° 6	27°R 3	26°37	26° 1	24°41	M24
T 25	22 14 50	2°16'48	15° 6	25°31	14°16	11°47	4°56	6°17	11° 7	8°19	17° 6	27° 2	26°34	26° 8	24°41	T 25
W26	22 18 46	3°14'40	29°47	25°40	14°53	11°32	4°55	6°13	11° 4	8°22	17° 5	27° 2	26°30	26°15	24°41	W26
T 27	22 22 43	4°12'34	14♎31	25°R43	15°30	11°16	4°55	6° 8	11° 2	8°24	17° 4	27° 1	26°27	26°21	24°41	T 27
F 28	22 26 39	5°10'30	29°12	25°41	16° 5	11° 1	4°54	6° 4	11° 0	8°26	17° 3	27° 0	26°24	26°28	24°42	F 28
S 29	22 30 36	6° 8'27	13♏42	25°32	16°39	10°45	4°53	5°59	10°58	8°28	17° 2	27° 0	26°21	26°35	24°R42	S 29
S 30	22 34 32	7° 6'25	27°59	25°18	17°12	10°29	4°52	5°54	10°56	8°30	17° 2	26°59	26°18	26°41	24°42	S 30
M31	22 38 29	8♍ 4'24	12♐ 0	24♍57	17♎43	10♓13	4♉51	5♓50	10♒54	8♌32	17♈ 1	26°D59	26♒15	26♈48	24♉41	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	17n56	17s 0	4s48	10n25	0n16	1n25	0s40	11s25	5s57	11n37	1s20	10s14	1s47	17s50	0s41	18n15	0s 9	9s 7	17s12	12s28	12s13	13n 3	16n31	2s24
S 2	17 41	21 55	5 11	9 46	0 7	0 57	0 47	11 28	6 0	11 38	1 20	10 16	1 47	17 51	0 41	18 14	0 9	9 7	17 12	12 28	12 14	13 6	16 31	2 24
M 3	17 25	25 31	5 15	9 7	0s 2	0 29	0 53	11 31	6 3	11 39	1 20	10 17	1 47	17 51	0 41	18 14	0 9	9 7	17 13	12 28	12 16	13 9	16 31	2 24
T 4	17 9	27 34	5 0	8 29	0 11	0 1	1 0	11 33	6 6	11 41	1 20	10 19	1 48	17 52	0 41	18 13	0 9	9 8	17 13	12 29	12 17	13 12	16 31	2 25
W 5	16 53	27 54	4 29	7 51	0 21	0s27	1 7	11 37	6 9	11 42	1 21	10 20	1 48	17 53	0 41	18 13	0 9	9 8	17 13	12 29	12 18	13 15	16 31	2 25
T 6	16 37	26 33	3 42	7 13	0 31	0 55	1 14	11 40	6 11	11 43	1 21	10 22	1 48	17 54	0 41	18 12	0 9	9 9	17 14	12 30	12 19	13 18	16 31	2 25
F 7	16 20	23 42	2 45	6 36	0 41	1 23	1 21	11 44	6 14	11 43	1 21	10 24	1 48	17 54	0 41	18 12	0 9	9 9	17 14	12 30	12 20	13 21	16 32	2 25
S 8	16 3	19 40	1 39	5 59	0 51	1 50	1 29	11 47	6 16	11 44	1 21	10 25	1 48	17 55	0 41	18 11	0 9	9 10	17 14	12 31	12 21	13 24	16 32	2 25
S 9	15 46	14 48	0 30	5 23	1 1	2 18	1 36	11 51	6 18	11 45	1 22	10 27	1 48	17 56	0 41	18 10	0 9	9 10	17 15	12 31	12 22	13 27	16 32	2 26
M10	15 28	9 24	0n39	4 48	1 12	2 45	1 44	11 56	6 20	11 46	1 22	10 29	1 49	17 56	0 41	18 10	0 9	9 11	17 15	12 31	12 23	13 30	16 32	2 26
T 11	15 11	3 44	1 46	4 13	1 23	3 12	1 51	12 0	6 22	11 47	1 22	10 30	1 49	17 57	0 41	18 9	0 9	9 11	17 15	12 31	12 24	13 32	16 32	2 26
W12	14 53	1n58	2 46	3 39	1 33	3 39	1 59	12 5	6 24	11 47	1 22	10 32	1 49	17 57	0 41	18 9	0 9	9 12	17 16	12 30	12 25	13 35	16 32	2 26
T 13	14 35	7 32	3 39	3 6	1 44	4 6	2 7	12 9	6 26	11 48	1 23	10 34	1 49	17 58	0 41	18 8	0 9	9 12	17 16	12 30	12 26	13 38	16 32	2 27
F 14	14 16	12 46	4 21	2 34	1 55	4 33	2 15	12 14	6 28	11 48	1 23	10 35	1 49	17 59	0 41	18 8	0 9	9 13	17 16	12 30	12 28	13 41	16 32	2 27
S 15	13 57	17 32	4 53	2 3	2 6	4 59	2 23	12 19	6 29	11 49	1 23	10 37	1 49	17 59	0 41	18 7	0 9	9 13	17 17	12 30	12 29	13 44	16 32	2 27
S 16	13 39	21 39	5 11	1 33	2 17	5 26	2 31	12 24	6 31	11 49	1 23	10 39	1 49	18 0	0 41	18 7	0 9	9 14	17 17	12 30	12 30	13 47	16 32	2 27
M17	13 20	24 54	5 17	1 5	2 28	5 51	2 39	12 30	6 32	11 49	1 23	10 40	1 49	18 1	0 41	18 6	0 9	9 14	17 17	12 30	12 31	13 50	16 32	2 28
T 18	13 0	27 5	5 8	0 38	2 38	6 17	2 48	12 35	6 33	11 49	1 24	10 42	1 49	18 1	0 41	18 5	0 9	9 15	17 18	12 30	12 32	13 53	16 32	2 28
W19	12 41	27 59	4 45	0 12	2 49	6 43	2 56	12 40	6 34	11 50	1 24	10 44	1 50	18 2	0 41	18 5	0 9	9 15	17 18	12 30	12 33	13 56	16 32	2 28
T 20	12 21	27 26	4 8	0s12	3 0	7 8	3 5	12 46	6 34	11 50	1 24	10 46	1 50	18 3	0 41	18 4	0 9	9 16	17 18	12 30	12 34	13 59	16 32	2 28
F 21	12 1	25 21	3 16	0 34	3 10	7 33	3 14	12 51	6 35	11 50	1 24	10 47	1 50	18 3	0 41	18 4	0 9	9 16	17 18	12 30	12 35	14 2	16 31	2 29
S 22	11 41	21 46	2 13	0 54	3 20	7 57	3 22	12 57	6 35	11 50	1 25	10 49	1 50	18 4	0 41	18 3	0 9	9 17	17 19	12 30	12 36	14 4	16 31	2 29
S 23	11 21	16 53	0 59	1 13	3 30	8 21	3 31	13 2	6 36	11 50	1 25	10 51	1 50	18 4	0 41	18 3	0 9	9 17	17 19	12 30	12 37	14 7	16 31	2 29
M24	11 0	10 58	0s20	1 29	3 39	8 45	3 40	13 8	6 36	11 49	1 25	10 53	1 50	18 5	0 41	18 2	0 9	9 18	17 19	12 30	12 38	14 10	16 31	2 29
T 25	10 40	4 21	1 38	1 42	3 48	9 9	3 49	13 13	6 35	11 49	1 25	10 54	1 50	18 6	0 41	18 2	0 9	9 18	17 20	12 30	12 39	14 13	16 31	2 29
W26	10 19	2s33	2 52	1 53	3 56	9 32	3 58	13 19	6 35	11 49	1 26	10 56	1 50	18 6	0 41	18 1	0 9	9 19	17 20	12 30	12 41	14 16	16 31	2 30
T 27	9 58	9 19	3 54	2 1	4 3	9 54	4 8	13 24	6 34	11 48	1 26	10 58	1 50	18 7	0 41	18 1	0 9	9 19	17 20	12 30	12 42	14 19	16 31	2 30
F 28	9 37	15 33	4 40	2 7	4 10	10 17	4 17	13 30	6 34	11 48	1 26	11 0	1 50	18 7	0 41	18 0	0 9	9 20	17 20	12 30	12 43	14 22	16 30	2 30
S 29	9 15	20 50	5 8	2 9	4 16	10 38	4 26	13 35	6 33	11 47	1 26	11 1	1 50	18 8	0 41	18 0	0 9	9 20	17 21	12 31	12 44	14 25	16 30	2 30
S 30	8 54	24 50	5 16	2 7	4 21	11 0	4 36	13 40	6 31	11 47	1 26	11 3	1 51	18 9	0 41	17 59	0 9	9 21	17 21	12 31	12 45	14 27	16 30	2 31
M31	8n32	27s16	5s 6	2s 3	4s25	11s20	4s45	13s45	6s30	11n46	1s27	11s 5	1s51	18s 9	0s41	17n59	0s 9	9s21	17s21	12s31	12s46	14n30	16n30	2s31

Julian Day Number = 2481707.5, Delta T = 85.72 sec
Ecliptic obliquity = 23°25'50, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°53'39, Lahiri = 25°00'39

ASTRODIENST EPHEMERIS for the year 2082
geocentric

SEPTEMBER 2082 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 42 26	9♍ 2'25	25♐43	24°R31	18♎13	9°R57	4°R49	5°R45	10°R52	8♑34	17°R 0	26♒59	26♒11	26♈55	24°R41	T 1
W 2	22 46 22	10° 0'27	9♑ 9	23♍58	18°41	9♓41	4♉48	5♓41	10♒50	8°36	16♈59	27° 0	26° 8	27° 1	24♉41	W 2
T 3	22 50 19	10°58'30	22°19	23°20	19° 8	9°25	4°46	5°36	10°48	8°38	16°58	27° 1	26° 5	27° 8	24°41	T 3
F 4	22 54 15	11°56'35	5♒14	22°36	19°33	9° 9	4°44	5°32	10°46	8°39	16°57	27° 2	26° 2	27°15	24°41	F 4
S 5	22 58 12	12°54'41	17°56	21°47	19°57	8°53	4°41	5°27	10°44	8°41	16°56	27° 3	25°59	27°22	24°40	S 5
S 6	23 2 8	13°52'49	0♓25	20°54	20°19	8°38	4°39	5°23	10°42	8°43	16°55	27°R 3	25°55	27°28	24°40	S 6
M 7	23 6 5	14°50'58	12°44	19°58	20°39	8°22	4°36	5°18	10°40	8°45	16°54	27° 3	25°52	27°35	24°39	M 7
T 8	23 10 1	15°49'09	24°53	19° 0	20°57	8° 7	4°33	5°14	10°39	8°47	16°53	27° 1	25°49	27°42	24°39	T 8
W 9	23 13 58	16°47'22	6♈55	18° 0	21°13	7°52	4°30	5°10	10°37	8°49	16°52	26°59	25°46	27°48	24°38	W 9
T 10	23 17 55	17°45'37	18°51	17° 1	21°27	7°38	4°27	5° 5	10°35	8°51	16°51	26°55	25°43	27°55	24°37	T 10
F 11	23 21 51	18°43'53	0♉43	16° 3	21°40	7°24	4°24	5° 1	10°33	8°53	16°50	26°52	25°40	28° 2	24°37	F 11
S 12	23 25 48	19°42'12	12°34	15° 8	21°50	7°10	4°20	4°56	10°32	8°54	16°49	26°48	25°36	28° 9	24°36	S 12
S 13	23 29 44	20°40'33	24°27	14°17	21°58	6°57	4°16	4°52	10°30	8°56	16°48	26°45	25°33	28°15	24°35	S 13
M14	23 33 41	21°38'55	6♊27	13°32	22° 4	6°44	4°12	4°48	10°28	8°58	16°47	26°43	25°30	28°22	24°34	M14
T 15	23 37 37	22°37'20	18°36	12°54	22° 8	6°32	4° 8	4°44	10°27	9° 0	16°46	26°D42	25°27	28°29	24°33	T 15
W16	23 41 34	23°35'47	1♋ 1	12°23	22°R 9	6°21	4° 4	4°39	10°25	9° 1	16°45	26°42	25°24	28°35	24°32	W16
T 17	23 45 30	24°34'17	13°44	12° 0	22° 8	6°10	3°59	4°35	10°24	9° 3	16°44	26°44	25°21	28°42	24°31	T 17
F 18	23 49 27	25°32'48	26°51	11°46	22° 5	5°59	3°55	4°31	10°22	9° 5	16°43	26°45	25°17	28°49	24°30	F 18
S 19	23 53 24	26°31'21	10♌23	11°D42	21°59	5°50	3°50	4°27	10°21	9° 6	16°42	26°47	25°14	28°55	24°29	S 19
S 20	23 57 20	27°29'57	24°22	11°48	21°52	5°41	3°45	4°23	10°19	9° 8	16°41	26°R47	25°11	29° 2	24°27	S 20
M21	0 1 17	28°28'35	8♍47	12° 3	21°41	5°32	3°40	4°19	10°18	9° 9	16°40	26°47	25° 8	29° 9	24°26	M21
T 22	0 5 13	29°27'14	23°34	12°27	21°28	5°25	3°34	4°15	10°17	9°11	16°39	26°45	25° 5	29°16	24°25	T 22
W23	0 9 10	0♎25'56	8♎36	13° 1	21°13	5°18	3°29	4°11	10°15	9°13	16°38	26°41	25° 1	29°22	24°23	W23
T 24	0 13 6	1°24'39	23°44	13°43	20°56	5°11	3°23	4° 8	10°14	9°14	16°37	26°37	24°58	29°29	24°22	T 24
F 25	0 17 3	2°23'25	8♏48	14°34	20°36	5° 6	3°17	4° 4	10°13	9°16	16°36	26°31	24°55	29°36	24°20	F 25
S 26	0 20 59	3°22'12	23°39	15°33	20°15	5° 2	3°11	4° 0	10°12	9°17	16°34	26°26	24°52	29°42	24°19	S 26
S 27	0 24 56	4°21'01	8♐10	16°39	19°51	4°58	3° 5	3°57	10°11	9°19	16°33	26°23	24°49	29°49	24°17	S 27
M28	0 28 53	5°19'52	22°17	17°51	19°24	4°55	2°59	3°53	10°10	9°20	16°32	26°20	24°46	29°56	24°15	M28
T 29	0 32 49	6°18'44	6♑ 0	19° 9	18°56	4°53	2°52	3°50	10° 9	9°21	16°31	26°D19	24°42	0♉ 3	24°14	T 29
W30	0 36 46	7♎17'38	19♑19	20♍33	18♎27	4♓51	2♉46	3♓46	10♒ 8	9♑23	16♈30	26♒20	24♒39	0♉ 9	24♉12	W30

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	8n11	27s59	4s38	1s54	4s27	11s41	4s55	13s49	6s28	11n46	1s27	11s 7	1s51	18s10	0s41	17n58	0s 9	9s22	17s21	12s31	12s47	14n33	16n29	2s31	T 1
W 2	7 49	27 1	3 55	1 42	4 28	12 0	5 4	13 54	6 27	11 45	1 27	11 8	1 51	18 10	0 41	17 58	0 9	9 22	17 21	12 30	12 48	14 36	16 29	2 31	W 2
T 3	7 27	24 33	3 0	1 27	4 27	12 19	5 14	13 58	6 25	11 44	1 27	11 10	1 51	18 11	0 41	17 57	0 9	9 23	17 22	12 30	12 49	14 39	16 29	2 32	T 3
F 4	7 5	20 51	1 58	1 7	4 25	12 38	5 23	14 2	6 23	11 43	1 28	11 12	1 51	18 11	0 41	17 57	0 9	9 24	17 22	12 30	12 50	14 42	16 28	2 32	F 4
S 5	6 43	16 15	0 50	0 44	4 21	12 56	5 33	14 6	6 20	11 42	1 28	11 14	1 51	18 12	0 41	17 56	0 9	9 24	17 22	12 29	12 51	14 45	16 28	2 32	S 5
S 6	6 20	11 2	0n19	0 18	4 15	13 13	5 42	14 10	6 18	11 41	1 28	11 15	1 51	18 12	0 41	17 56	0 9	9 25	17 22	12 29	12 52	14 47	16 28	2 32	S 6
M 7	5 58	5 28	1 25	0n11	4 7	13 29	5 52	14 13	6 15	11 40	1 28	11 17	1 51	18 13	0 41	17 55	0 9	9 25	17 23	12 30	12 53	14 50	16 27	2 33	M 7
T 8	5 35	0n14	2 27	0 43	3 57	13 45	6 1	14 16	6 12	11 39	1 28	11 19	1 51	18 13	0 41	17 55	0 9	9 26	17 23	12 30	12 55	14 53	16 27	2 33	T 8
W 9	5 13	5 50	3 22	1 17	3 45	13 59	6 10	14 19	6 9	11 38	1 29	11 20	1 51	18 14	0 41	17 54	0 9	9 26	17 23	12 31	12 56	14 56	16 27	2 33	W 9
T 10	4 50	11 12	4 8	1 53	3 31	14 13	6 20	14 22	6 6	11 36	1 29	11 22	1 51	18 14	0 41	17 54	0 9	9 27	17 23	12 32	12 57	14 59	16 26	2 33	T 10
F 11	4 27	16 7	4 42	2 29	3 16	14 27	6 29	14 24	6 3	11 35	1 29	11 23	1 51	18 15	0 41	17 53	0 9	9 27	17 23	12 33	12 58	15 2	16 26	2 34	F 11
S 12	4 5	20 26	5 4	3 6	2 59	14 39	6 38	14 26	5 59	11 34	1 29	11 25	1 51	18 15	0 41	17 53	0 9	9 28	17 23	12 34	12 59	15 4	16 26	2 34	S 12
S 13	3 42	23 56	5 14	3 42	2 42	14 50	6 47	14 27	5 56	11 32	1 29	11 27	1 51	18 15	0 41	17 52	0 9	9 28	17 24	12 35	13 0	15 7	16 25	2 34	S 13
M14	3 19	26 27	5 9	4 16	2 23	15 0	6 55	14 29	5 52	11 31	1 30	11 28	1 51	18 16	0 41	17 52	0 9	9 29	17 24	12 36	13 1	15 10	16 25	2 34	M14
T 15	2 56	27 47	4 51	4 49	2 3	15 9	7 4	14 30	5 48	11 29	1 30	11 30	1 51	18 16	0 41	17 51	0 9	9 29	17 24	12 36	13 2	15 13	16 24	2 34	T 15
W16	2 33	27 45	4 19	5 19	1 44	15 18	7 12	14 30	5 44	11 28	1 30	11 31	1 51	18 17	0 41	17 51	0 9	9 30	17 24	12 36	13 3	15 16	16 24	2 35	W16
T 17	2 9	26 16	3 34	5 46	1 24	15 24	7 20	14 31	5 40	11 26	1 30	11 33	1 51	18 17	0 41	17 51	0 9	9 30	17 24	12 36	13 4	15 18	16 23	2 35	T 17
F 18	1 46	23 21	2 37	6 9	1 4	15 30	7 27	14 31	5 36	11 24	1 30	11 34	1 51	18 17	0 41	17 50	0 9	9 31	17 24	12 36	13 5	15 21	16 23	2 35	F 18
S 19	1 23	19 3	1 29	6 28	0 45	15 35	7 35	14 31	5 32	11 22	1 30	11 36	1 51	18 18	0 41	17 50	0 9	9 31	17 25	12 35	13 6	15 24	16 22	2 35	S 19
S 20	1 0	13 36	0 13	6 43	0 27	15 38	7 41	14 30	5 28	11 20	1 31	11 37	1 51	18 18	0 41	17 49	0 9	9 32	17 25	12 35	13 7	15 27	16 22	2 36	S 20
M21	0 36	7 16	1s 5	6 54	0 9	15 40	7 48	14 29	5 23	11 19	1 31	11 39	1 51	18 19	0 41	17 49	0 9	9 32	17 25	12 35	13 8	15 29	16 21	2 36	M21
T 22	0 13	0 24	2 21	7 0	0n 8	15 41	7 54	14 28	5 19	11 17	1 31	11 40	1 51	18 19	0 41	17 48	0 9	9 33	17 25	12 36	13 9	15 32	16 21	2 36	T 22
W23	0s10	6s36	3 28	7 2	0 23	15 40	7 59	14 26	5 14	11 15	1 31	11 41	1 51	18 19	0 41	17 48	0 9	9 34	17 25	12 37	13 11	15 35	16 20	2 36	W23
T 24	0 34	13 15	4 21	6 59	0 38	15 38	8 4	14 24	5 10	11 13	1 31	11 43	1 51	18 19	0 41	17 48	0 9	9 34	17 25	12 38	13 12	15 38	16 19	2 37	T 24
F 25	0 57	19 6	4 56	6 51	0 51	15 34	8 8	14 22	5 5	11 10	1 31	11 44	1 51	18 20	0 41	17 47	0 9	9 35	17 25	12 40	13 13	15 40	16 19	2 37	F 25
S 26	1 20	23 41	5 10	6 39	1 3	15 29	8 12	14 19	5 0	11 8	1 31	11 45	1 51	18 20	0 41	17 47	0 9	9 35	17 25	12 42	13 14	15 43	16 18	2 37	S 26
S 27	1 44	26 40	5 4	6 24	1 13	15 22	8 14	14 16	4 55	11 6	1 32	11 47	1 51	18 20	0 41	17 46	0 9	9 36	17 25	12 43	13 15	15 46	16 18	2 37	S 27
M28	2 7	27 51	4 40	6 4	1 22	15 14	8 17	14 13	4 51	11 4	1 32	11 48	1 51	18 21	0 41	17 46	0 9	9 36	17 25	12 44	13 16	15 49	16 17	2 37	M28
T 29	2 30	27 17	3 59	5 41	1 31	15 5	8 18	14 9	4 46	11 2	1 32	11 49	1 51	18 21	0 41	17 46	0 9	9 36	17 26	12 44	13 17	15 51	16 16	2 38	T 29
W30	2s54	25s 8	3s 7	5n14	1n37	14s54	8s18	14s 5	4s41	10n59	1s32	11s50	1s51	18s21	0s41	17n45	0s 9	9s37	17s26	12s44	13s18	15n54	16n16	2s38	W30

Julian Day Number = 2481738.5, Delta T = 85.75 sec
Ecliptic obliquity = 23°25'51, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°53'43, Lahiri = 25°00'43

ASTRODIENST EPHEMERIS for the year 2082
geocentric

OCTOBER 2082 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 42	8♎16'34	2♒17	22♍ 0	17°R55	4°D51	2°R39	3°R43	10°R 7	9♌24	16°R29	26♒21	24♒36	0♉16	24°R10	T 1
F 2	0 44 39	9°15'32	14°57	23°32	17♎22	4♓51	2♉32	3♓40	10♒ 6	9°25	16♈28	26°23	24°33	0°23	24♉ 8	F 2
S 3	0 48 35	10°14'31	27°23	25° 7	16°48	4°52	2°25	3°36	10° 5	9°27	16°26	26°R23	24°30	0°29	24° 6	S 3
S 4	0 52 32	11°13'32	9♓37	26°45	16°13	4°54	2°18	3°33	10° 4	9°28	16°25	26°22	24°26	0°36	24° 4	S 4
M 5	0 56 28	12°12'35	21°43	28°24	15°37	4°57	2°11	3°30	10° 4	9°29	16°24	26°19	24°23	0°43	24° 2	M 5
T 6	1 0 25	13°11'40	3♈42	0♎ 6	15° 1	5° 0	2° 4	3°27	10° 3	9°30	16°23	26°14	24°20	0°50	24° 0	T 6
W 7	1 4 22	14°10'46	15°38	1°49	14°24	5° 4	1°57	3°24	10° 2	9°32	16°22	26° 6	24°17	0°56	23°58	W 7
T 8	1 8 18	15° 9'55	27°30	3°33	13°47	5° 9	1°49	3°22	10° 2	9°33	16°21	25°57	24°14	1° 3	23°56	T 8
F 9	1 12 15	16° 9'06	9♉22	5°18	13°10	5°15	1°42	3°19	10° 1	9°34	16°20	25°48	24°11	1°10	23°54	F 9
S 10	1 16 11	17° 8'20	21°14	7° 3	12°34	5°21	1°34	3°16	10° 1	9°35	16°18	25°38	24° 7	1°16	23°51	S 10
S 11	1 20 8	18° 7'35	3♊ 9	8°48	11°58	5°29	1°27	3°14	10° 0	9°36	16°17	25°29	24° 4	1°23	23°49	S 11
M12	1 24 4	19° 6'53	15°10	10°34	11°23	5°37	1°19	3°11	10° 0	9°37	16°16	25°22	24° 1	1°30	23°47	M12
T 13	1 28 1	20° 6'13	27°19	12°19	10°50	5°45	1°11	3° 9	10° 0	9°38	16°15	25°17	23°58	1°37	23°44	T 13
W14	1 31 57	21° 5'35	9♋40	14° 5	10°17	5°55	1° 3	3° 7	9°59	9°39	16°14	25°14	23°55	1°43	23°42	W14
T 15	1 35 54	22° 5'00	22°18	15°50	9°46	6° 5	0°55	3° 4	9°59	9°40	16°13	25°D13	23°52	1°50	23°39	T 15
F 16	1 39 51	23° 4'27	5♌18	17°34	9°17	6°16	0°47	3° 2	9°59	9°41	16°11	25°14	23°48	1°57	23°37	F 16
S 17	1 43 47	24° 3'56	18°42	19°18	8°50	6°27	0°39	3° 0	9°59	9°42	16°10	25°R14	23°45	2° 3	23°34	S 17
S 18	1 47 44	25° 3'27	2♍34	21° 2	8°25	6°39	0°31	2°58	9°59	9°43	16° 9	25°14	23°42	2°10	23°32	S 18
M19	1 51 40	26° 3'01	16°54	22°45	8° 1	6°52	0°23	2°56	9°D58	9°43	16° 8	25°13	23°39	2°17	23°29	M19
T 20	1 55 37	27° 2'37	1♎41	24°28	7°41	7° 6	0°15	2°55	9°58	9°44	16° 7	25° 8	23°36	2°24	23°26	T 20
W21	1 59 33	28° 2'15	16°48	26°10	7°22	7°20	0° 7	2°53	9°59	9°45	16° 6	25° 1	23°32	2°30	23°24	W21
T 22	2 3 30	29° 1'55	2♏ 6	27°51	7° 5	7°35	29♈59	2°52	9°59	9°46	16° 5	24°52	23°29	2°37	23°21	T 22
F 23	2 7 26	0♏ 1'37	17°25	29°32	6°52	7°50	29°51	2°50	9°59	9°46	16° 3	24°42	23°26	2°44	23°18	F 23
S 24	2 11 23	1° 1'21	2♐33	1♏13	6°40	8° 6	29°42	2°49	9°59	9°47	16° 2	24°33	23°23	2°50	23°15	S 24
S 25	2 15 19	2° 1'07	17°20	2°52	6°31	8°23	29°34	2°47	9°59	9°48	16° 1	24°24	23°20	2°57	23°13	S 25
M26	2 19 16	3° 0'55	1♑40	4°32	6°24	8°40	29°26	2°46	10° 0	9°48	16° 0	24°18	23°17	3° 4	23°10	M26
T 27	2 23 13	4° 0'44	15°30	6°10	6°20	8°58	29°18	2°45	10° 0	9°49	15°59	24°15	23°13	3°11	23° 7	T 27
W28	2 27 9	5° 0'35	28°52	7°48	6°D18	9°16	29°10	2°44	10° 0	9°49	15°58	24°13	23°10	3°17	23° 4	W28
T 29	2 31 6	6° 0'28	11♒48	9°26	6°19	9°35	29° 2	2°44	10° 1	9°50	15°57	24°D13	23° 7	3°24	23° 1	T 29
F 30	2 35 2	7° 0'22	24°23	11° 2	6°22	9°55	28°54	2°43	10° 1	9°50	15°56	24°R13	23° 4	3°31	22°58	F 30
S 31	2 38 59	8♏ 0'18	6♓41	12♏39	6♎27	10♓15	28♈46	2♓42	10♒ 2	9♌51	15♈55	24♒13	23♒ 1	3♉37	22♉55	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	3s17	21s42	2s 7	4n45	1n43	14s41	8s18	14s 1	4s36	10n57	1s32	11s52	1s51	18s21	0s41	17n45	0s 9	9s37	17s26	12s44	13s19	15n57	16n15	2s38
F 2	3 40	17 20	1 2	4 13	1 47	14 27	8 17	13 56	4 31	10 54	1 32	11 53	1 51	18 22	0 41	17 45	0 9	9 38	17 26	12 43	13 20	16 0	16 14	2 38
S 3	4 3	12 18	0n 5	3 38	1 51	14 12	8 15	13 51	4 27	10 52	1 32	11 54	1 50	18 22	0 41	17 44	0 9	9 38	17 26	12 43	13 21	16 2	16 14	2 38
S 4	4 26	6 52	1 11	3 2	1 53	13 56	8 12	13 46	4 22	10 50	1 32	11 55	1 50	18 22	0 40	17 44	0 9	9 39	17 26	12 43	13 22	16 5	16 13	2 39
M 5	4 49	1 15	2 12	2 23	1 55	13 38	8 8	13 41	4 17	10 47	1 32	11 56	1 50	18 22	0 40	17 44	0 9	9 39	17 26	12 44	13 23	16 8	16 12	2 39
T 6	5 12	4n20	3 7	1 43	1 55	13 19	8 3	13 35	4 12	10 45	1 32	11 57	1 50	18 22	0 40	17 43	0 9	9 40	17 26	12 46	13 24	16 11	16 12	2 39
W 7	5 35	9 44	3 54	1 2	1 55	12 59	7 57	13 29	4 7	10 42	1 32	11 58	1 50	18 22	0 40	17 43	0 9	9 40	17 26	12 49	13 25	16 13	16 11	2 39
T 8	5 58	14 46	4 29	0 20	1 54	12 39	7 50	13 23	4 2	10 39	1 33	11 59	1 50	18 22	0 40	17 43	0 9	9 41	17 26	12 52	13 26	16 16	16 10	2 39
F 9	6 21	19 14	4 53	0s23	1 52	12 17	7 43	13 16	3 58	10 37	1 33	12 0	1 50	18 23	0 40	17 42	0 9	9 41	17 26	12 55	13 27	16 19	16 10	2 40
S 10	6 44	22 58	5 5	1 7	1 50	11 56	7 34	13 9	3 53	10 34	1 33	12 1	1 50	18 23	0 40	17 42	0 9	9 41	17 26	12 58	13 29	16 21	16 9	2 40
S 11	7 6	25 44	5 3	1 51	1 47	11 33	7 25	13 2	3 48	10 31	1 33	12 2	1 50	18 23	0 40	17 42	0 9	9 42	17 26	13 1	13 30	16 24	16 8	2 40
M12	7 29	27 22	4 48	2 35	1 44	11 10	7 15	12 55	3 44	10 29	1 33	12 2	1 50	18 23	0 40	17 42	0 9	9 42	17 26	13 4	13 31	16 27	16 7	2 40
T 13	7 51	27 44	4 20	3 20	1 40	10 47	7 5	12 47	3 39	10 26	1 33	12 3	1 50	18 23	0 40	17 41	0 9	9 43	17 26	13 5	13 32	16 29	16 7	2 40
W14	8 14	26 43	3 39	4 5	1 36	10 24	6 53	12 40	3 34	10 23	1 33	12 4	1 50	18 23	0 40	17 41	0 9	9 43	17 26	13 6	13 33	16 32	16 6	2 41
T 15	8 36	24 20	2 47	4 49	1 31	10 1	6 42	12 32	3 30	10 20	1 33	12 5	1 50	18 23	0 40	17 41	0 9	9 44	17 26	13 7	13 34	16 35	16 5	2 41
F 16	8 58	20 38	1 45	5 34	1 26	9 38	6 29	12 23	3 25	10 18	1 33	12 5	1 49	18 23	0 40	17 41	0 9	9 44	17 26	13 6	13 35	16 37	16 4	2 41
S 17	9 20	15 46	0 35	6 18	1 21	9 16	6 16	12 15	3 21	10 15	1 33	12 6	1 49	18 23	0 40	17 40	0 9	9 44	17 26	13 6	13 36	16 40	16 3	2 41
S 18	9 42	9 57	0s39	7 2	1 16	8 54	6 3	12 6	3 16	10 12	1 33	12 7	1 49	18 23	0 40	17 40	0 9	9 45	17 26	13 6	13 37	16 43	16 3	2 41
M19	10 3	3 26	1 53	7 46	1 10	8 32	5 50	11 57	3 12	10 9	1 33	12 7	1 49	18 23	0 40	17 40	0 9	9 45	17 26	13 7	13 38	16 45	16 2	2 42
T 20	10 25	3s26	3 1	8 29	1 4	8 11	5 36	11 48	3 8	10 7	1 33	12 8	1 49	18 23	0 40	17 40	0 9	9 45	17 25	13 8	13 39	16 48	16 1	2 42
W21	10 46	10 16	3 59	9 12	0 58	7 51	5 22	11 39	3 3	10 4	1 33	12 8	1 49	18 23	0 40	17 40	0 9	9 46	17 25	13 11	13 40	16 51	16 0	2 42
T 22	11 8	16 34	4 39	9 54	0 52	7 31	5 8	11 29	2 59	10 1	1 33	12 9	1 49	18 23	0 40	17 39	0 9	9 46	17 25	13 14	13 41	16 53	15 59	2 42
F 23	11 29	21 49	5 0	10 36	0 45	7 13	4 53	11 20	2 55	9 58	1 32	12 9	1 49	18 23	0 40	17 39	0 9	9 46	17 25	13 17	13 42	16 56	15 58	2 42
S 24	11 50	25 33	5 0	11 17	0 39	6 55	4 39	11 10	2 51	9 55	1 32	12 9	1 49	18 23	0 40	17 39	0 9	9 47	17 25	13 20	13 43	16 59	15 58	2 42
S 25	12 10	27 27	4 39	11 58	0 32	6 38	4 25	11 0	2 47	9 53	1 32	12 10	1 49	18 23	0 40	17 39	0 9	9 47	17 25	13 23	13 44	17 1	15 57	2 43
M26	12 31	27 26	4 1	12 37	0 26	6 22	4 10	10 50	2 42	9 50	1 32	12 10	1 48	18 23	0 40	17 39	0 9	9 47	17 25	13 25	13 45	17 4	15 56	2 43
T 27	12 51	25 41	3 10	13 17	0 19	6 8	3 56	10 39	2 38	9 47	1 32	12 10	1 48	18 22	0 40	17 39	0 9	9 48	17 25	13 26	13 46	17 6	15 55	2 43
W28	13 11	22 30	2 10	13 55	0 12	5 54	3 42	10 29	2 35	9 44	1 32	12 11	1 48	18 22	0 40	17 38	0 9	9 48	17 25	13 27	13 47	17 9	15 54	2 43
T 29	13 31	18 17	1 5	14 33	0 5	5 41	3 28	10 18	2 31	9 42	1 32	12 11	1 48	18 22	0 40	17 38	0 9	9 48	17 25	13 27	13 48	17 12	15 53	2 43
F 30	13 51	13 23	0n 1	15 9	0s 1	5 30	3 14	10 7	2 27	9 39	1 32	12 11	1 48	18 22	0 40	17 38	0 9	9 49	17 24	13 27	13 49	17 14	15 52	2 43
S 31	14s10	8s 2	1n 6	15s46	0s 8	5s19	3s 0	9s56	2s23	9n36	1s32	12s11	1s48	18s22	0s40	17n38	0s 9	9s49	17s24	13s27	13s51	17n17	15n52	2s43

Julian Day Number = 2481768.5, Delta T = 85.78 sec
Ecliptic obliquity = 23°25'51, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°53'47, Lahiri = 25°00'47

ASTRODIENST EPHEMERIS for the year 2082
geocentric

NOVEMBER 2082 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 55	9♏ 0'16	18♓47	14♏15	6♎35	10♓35	28°R38	2°R42	10♒ 3	9♌51	15°R54	24°R10	22♒58	3♉44	22°R52	S 1
M 2	2 46 52	10° 0'15	0♈45	15°50	6°45	10°56	28♈30	2♓41	10° 3	9°51	15♈53	24♒ 5	22°54	3°51	22♉49	M 2
T 3	2 50 48	11° 0'16	12°38	17°25	6°57	11°17	28°23	2°41	10° 4	9°52	15°52	23°57	22°51	3°58	22°46	T 3
W 4	2 54 45	12° 0'18	24°30	19° 0	7°11	11°39	28°15	2°41	10° 5	9°52	15°51	23°46	22°48	4° 4	22°43	W 4
T 5	2 58 42	13° 0'23	6♉22	20°34	7°27	12° 2	28° 7	2°40	10° 6	9°52	15°49	23°33	22°45	4°11	22°40	T 5
F 6	3 2 38	14° 0'29	18°15	22° 8	7°46	12°24	28° 0	2°D40	10° 6	9°52	15°48	23°18	22°42	4°18	22°37	F 6
S 7	3 6 35	15° 0'37	0♊12	23°41	8° 6	12°48	27°52	2°40	10° 7	9°53	15°47	23° 4	22°38	4°24	22°34	S 7
S 8	3 10 31	16° 0'47	12°13	25°14	8°28	13°11	27°45	2°41	10° 8	9°53	15°47	22°50	22°35	4°31	22°31	S 8
M 9	3 14 28	17° 0'59	24°20	26°47	8°52	13°35	27°38	2°41	10° 9	9°53	15°46	22°39	22°32	4°38	22°28	M 9
T 10	3 18 24	18° 1'13	6♋34	28°19	9°18	14° 0	27°31	2°41	10°10	9°53	15°45	22°31	22°29	4°45	22°25	T 10
W11	3 22 21	19° 1'29	18°59	29°51	9°45	14°25	27°24	2°42	10°12	9°53	15°44	22°25	22°26	4°51	22°22	W11
T 12	3 26 18	20° 1'47	1♌37	1♐22	10°15	14°50	27°17	2°42	10°13	9°R53	15°43	22°22	22°23	4°58	22°19	T 12
F 13	3 30 14	21° 2'06	14°33	2°54	10°45	15°16	27°10	2°43	10°14	9°53	15°42	22°22	22°19	5° 5	22°16	F 13
S 14	3 34 11	22° 2'28	27°49	4°24	11°18	15°42	27° 3	2°44	10°15	9°53	15°41	22°22	22°16	5°11	22°13	S 14
S 15	3 38 7	23° 2'52	11♍30	5°55	11°52	16° 8	26°57	2°45	10°17	9°53	15°40	22°21	22°13	5°18	22° 9	S 15
M16	3 42 4	24° 3'17	25°37	7°25	12°27	16°35	26°50	2°46	10°18	9°53	15°39	22°19	22°10	5°25	22° 6	M16
T 17	3 46 0	25° 3'44	10♎ 9	8°55	13° 3	17° 2	26°44	2°47	10°19	9°52	15°38	22°14	22° 7	5°32	22° 3	T 17
W18	3 49 57	26° 4'14	25° 5	10°25	13°41	17°29	26°38	2°48	10°21	9°52	15°37	22° 6	22° 4	5°38	22° 0	W18
T 19	3 53 53	27° 4'45	10♏15	11°54	14°20	17°57	26°32	2°50	10°22	9°52	15°37	21°55	22° 0	5°45	21°57	T 19
F 20	3 57 50	28° 5'18	25°31	13°22	15° 1	18°25	26°26	2°51	10°24	9°52	15°36	21°44	21°57	5°52	21°54	F 20
S 21	4 1 47	29° 5'52	10♐41	14°51	15°42	18°53	26°20	2°53	10°25	9°51	15°35	21°32	21°54	5°58	21°51	S 21
S 22	4 5 43	0♐ 6'28	25°34	16°19	16°25	19°22	26°15	2°54	10°27	9°51	15°34	21°22	21°51	6° 5	21°48	S 22
M23	4 9 40	1° 7'05	10♑ 3	17°46	17° 9	19°50	26°10	2°56	10°29	9°51	15°33	21°14	21°48	6°12	21°45	M23
T 24	4 13 36	2° 7'43	24° 2	19°13	17°54	20°20	26° 4	2°58	10°31	9°50	15°33	21° 9	21°44	6°19	21°42	T 24
W25	4 17 33	3° 8'23	7♒32	20°39	18°39	20°49	25°59	3° 0	10°32	9°50	15°32	21° 7	21°41	6°25	21°39	W25
T 26	4 21 29	4° 9'04	20°34	22° 4	19°26	21°19	25°55	3° 2	10°34	9°49	15°31	21°D 6	21°38	6°32	21°36	T 26
F 27	4 25 26	5° 9'45	3♓12	23°29	20°14	21°49	25°50	3° 4	10°36	9°49	15°30	21°R 6	21°35	6°39	21°33	F 27
S 28	4 29 22	6°10'28	15°30	24°52	21° 2	22°19	25°46	3° 6	10°38	9°48	15°30	21° 6	21°32	6°45	21°30	S 28
S 29	4 33 19	7°11'11	27°34	26°15	21°52	22°50	25°41	3° 9	10°40	9°48	15°29	21° 4	21°29	6°52	21°27	S 29
M30	4 37 16	8♐11'56	9♈30	27♐36	22♎42	23♓21	25♈37	3♓11	10♒42	9♌47	15♈29	21♒ 0	21♒25	6♉59	21♉24	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s30	2s30	2n 6	16s21	0s15	5s10	2s47	9s45	2s19	9n33	1s32	12s11	1s48	18s22	0s40	17n38	0s 9	9s49	17s24	13s28	13s52	17n19	15n51	2s44
M 2	14 49	3n 3	3 0	16 55	0 22	5 1	2 33	9 33	2 15	9 31	1 32	12 11	1 48	18 21	0 40	17 38	0 9	9 49	17 24	13 29	13 53	17 22	15 50	2 44
T 3	15 7	8 28	3 46	17 29	0 28	4 54	2 20	9 22	2 12	9 28	1 31	12 11	1 48	18 21	0 40	17 38	0 9	9 50	17 24	13 32	13 54	17 25	15 49	2 44
W 4	15 26	13 33	4 22	18 1	0 35	4 48	2 7	9 10	2 8	9 26	1 31	12 11	1 47	18 21	0 40	17 38	0 9	9 50	17 24	13 36	13 55	17 27	15 48	2 44
T 5	15 44	18 8	4 46	18 33	0 41	4 43	1 55	8 58	2 5	9 23	1 31	12 11	1 47	18 21	0 40	17 38	0 9	9 50	17 23	13 40	13 56	17 30	15 47	2 44
F 6	16 2	22 2	4 58	19 4	0 48	4 39	1 43	8 46	2 1	9 21	1 31	12 11	1 47	18 20	0 40	17 38	0 9	9 50	17 23	13 45	13 57	17 32	15 46	2 44
S 7	16 20	25 1	4 57	19 34	0 54	4 36	1 31	8 34	1 58	9 18	1 31	12 11	1 47	18 20	0 39	17 38	0 9	9 50	17 23	13 50	13 58	17 35	15 45	2 44
S 8	16 37	26 55	4 43	20 3	1 1	4 34	1 19	8 22	1 54	9 16	1 31	12 11	1 47	18 20	0 39	17 38	0 9	9 51	17 23	13 54	13 59	17 37	15 45	2 44
M 9	16 55	27 34	4 16	20 31	1 7	4 33	1 7	8 9	1 51	9 13	1 30	12 11	1 47	18 20	0 39	17 38	0 9	9 51	17 23	13 58	14 0	17 40	15 44	2 44
T 10	17 12	26 52	3 36	20 58	1 13	4 33	0 56	7 57	1 48	9 11	1 30	12 10	1 47	18 19	0 39	17 38	0 9	9 51	17 23	14 0	14 1	17 43	15 43	2 45
W11	17 28	24 50	2 46	21 24	1 19	4 34	0 45	7 44	1 45	9 8	1 30	12 10	1 47	18 19	0 39	17 38	0 9	9 51	17 22	14 2	14 2	17 45	15 42	2 45
T 12	17 45	21 32	1 47	21 48	1 24	4 35	0 35	7 32	1 41	9 6	1 30	12 10	1 47	18 19	0 39	17 38	0 9	9 51	17 22	14 3	14 3	17 48	15 41	2 45
F 13	18 1	17 7	0 41	22 12	1 30	4 38	0 25	7 19	1 38	9 4	1 30	12 9	1 46	18 18	0 39	17 38	0 9	9 51	17 22	14 3	14 4	17 50	15 40	2 45
S 14	18 16	11 47	0s29	22 35	1 36	4 41	0 15	7 6	1 35	9 2	1 30	12 9	1 46	18 18	0 39	17 38	0 9	9 52	17 22	14 3	14 5	17 53	15 39	2 45
S 15	18 32	5 43	1 39	22 56	1 41	4 46	0 5	6 53	1 32	9 0	1 29	12 8	1 46	18 17	0 39	17 38	0 9	9 52	17 21	14 3	14 6	17 55	15 38	2 45
M16	18 47	0s48	2 46	23 17	1 46	4 51	0n 4	6 40	1 29	8 57	1 29	12 8	1 46	18 17	0 39	17 38	0 9	9 52	17 21	14 4	14 7	17 58	15 38	2 45
T 17	19 1	7 27	3 44	23 36	1 51	4 57	0 14	6 27	1 26	8 55	1 29	12 7	1 46	18 17	0 39	17 38	0 9	9 52	17 21	14 6	14 8	18 0	15 37	2 45
W18	19 16	13 51	4 28	23 54	1 55	5 3	0 22	6 13	1 23	8 53	1 29	12 7	1 46	18 16	0 39	17 38	0 9	9 52	17 21	14 8	14 9	18 3	15 36	2 45
T 19	19 30	19 32	4 54	24 11	2 0	5 11	0 31	6 0	1 20	8 51	1 28	12 6	1 46	18 16	0 39	17 38	0 9	9 52	17 21	14 12	14 10	18 5	15 35	2 45
F 20	19 44	23 58	4 59	24 27	2 4	5 19	0 39	5 46	1 17	8 50	1 28	12 6	1 46	18 15	0 39	17 38	0 9	9 52	17 20	14 15	14 11	18 8	15 34	2 45
S 21	19 57	26 43	4 44	24 41	2 8	5 27	0 47	5 33	1 15	8 48	1 28	12 5	1 45	18 15	0 39	17 38	0 9	9 52	17 20	14 19	14 12	18 10	15 33	2 46
S 22	20 10	27 30	4 9	24 54	2 11	5 37	0 55	5 19	1 12	8 46	1 28	12 4	1 45	18 14	0 39	17 38	0 9	9 52	17 20	14 22	14 13	18 13	15 32	2 46
M23	20 23	26 21	3 19	25 6	2 15	5 46	1 2	5 5	1 9	8 44	1 27	12 4	1 45	18 14	0 39	17 38	0 9	9 52	17 19	14 25	14 14	18 15	15 32	2 46
T 24	20 35	23 33	2 18	25 17	2 17	5 57	1 9	4 51	1 7	8 43	1 27	12 3	1 45	18 13	0 39	17 38	0 9	9 52	17 19	14 27	14 15	18 18	15 31	2 46
W25	20 47	19 32	1 11	25 26	2 20	6 8	1 16	4 37	1 4	8 41	1 27	12 2	1 45	18 13	0 39	17 38	0 9	9 52	17 19	14 27	14 16	18 20	15 30	2 46
T 26	20 58	14 41	0 3	25 34	2 22	6 19	1 23	4 23	1 1	8 40	1 27	12 1	1 45	18 12	0 39	17 39	0 9	9 52	17 19	14 28	14 17	18 23	15 29	2 46
F 27	21 9	9 21	1n 4	25 40	2 24	6 31	1 29	4 9	0 59	8 38	1 26	12 0	1 45	18 12	0 39	17 39	0 9	9 52	17 18	14 27	14 18	18 25	15 28	2 46
S 28	21 20	3 47	2 5	25 45	2 25	6 44	1 36	3 55	0 56	8 37	1 26	11 59	1 45	18 11	0 39	17 39	0 9	9 52	17 18	14 28	14 19	18 28	15 28	2 46
S 29	21 30	1n48	3 0	25 49	2 26	6 57	1 41	3 40	0 54	8 36	1 26	11 58	1 44	18 11	0 39	17 39	0 9	9 52	17 18	14 28	14 20	18 30	15 27	2 46
M30	21s40	7n14	3n47	25s51	2s26	7s10	1n47	3s26	0s52	8n34	1s26	11s57	1s44	18s10	0s39	17n39	0s 9	9s52	17s17	14s30	14s21	18n33	15n26	2s46

Julian Day Number = 2481799.5, Delta T = 85.82 sec
Ecliptic obliquity = 23°25'50, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°53'51, Lahiri = 25°00'52

ASTRODIENST EPHEMERIS for the year 2082
geocentric

DECEMBER 2082 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 41 12	9♐12'42	21♈21	28♐56	23♎33	23♓52	25°R33	3♓14	10♒44	9°R47	15°R28	20°R53	21♒22	7♉ 6	21°R21	T 1
W 2	4 45 9	10°13'29	3♉12	0♌15	24°25	24°23	25♈30	3°16	10°46	9♌46	15♈27	20♒43	21°19	7°12	21♉18	W 2
T 3	4 49 5	11°14'16	15° 5	1°32	25°18	24°54	25°26	3°19	10°48	9°45	15°27	20°31	21°16	7°19	21°15	T 3
F 4	4 53 2	12°15'05	27° 3	2°46	26°11	25°26	25°23	3°22	10°50	9°45	15°26	20°18	21°13	7°26	21°12	F 4
S 5	4 56 58	13°15'55	9♊ 7	3°58	27° 5	25°58	25°20	3°25	10°53	9°44	15°26	20° 4	21°10	7°32	21° 9	S 5
S 6	5 0 55	14°16'47	21°18	5° 8	27°59	26°30	25°17	3°28	10°55	9°43	15°25	19°52	21° 6	7°39	21° 7	S 6
M 7	5 4 51	15°17'39	3♋37	6°14	28°55	27° 2	25°14	3°31	10°57	9°42	15°25	19°42	21° 3	7°46	21° 4	M 7
T 8	5 8 48	16°18'32	16° 4	7°16	29°51	27°34	25°11	3°34	10°59	9°41	15°24	19°34	21° 0	7°53	21° 1	T 8
W 9	5 12 45	17°19'27	28°42	8°15	0♍47	28° 7	25° 9	3°37	11° 2	9°41	15°24	19°29	20°57	7°59	20°58	W 9
T 10	5 16 41	18°20'22	11♌31	9° 8	1°44	28°40	25° 7	3°41	11° 4	9°40	15°23	19°27	20°54	8° 6	20°56	T 10
F 11	5 20 38	19°21'19	24°33	9°56	2°42	29°13	25° 5	3°44	11° 7	9°39	15°23	19°D27	20°50	8°13	20°53	F 11
S 12	5 24 34	20°22'17	7♍51	10°38	3°40	29°46	25° 3	3°48	11° 9	9°38	15°22	19°28	20°47	8°20	20°50	S 12
S 13	5 28 31	21°23'16	21°27	11°12	4°39	0♈19	25° 2	3°51	11°12	9°37	15°22	19°R28	20°44	8°26	20°48	S 13
M14	5 32 27	22°24'16	5♎23	11°39	5°38	0°53	25° 0	3°55	11°14	9°36	15°22	19°27	20°41	8°33	20°45	M14
T 15	5 36 24	23°25'17	19°39	11°57	6°38	1°26	24°59	3°59	11°17	9°35	15°21	19°25	20°38	8°40	20°43	T 15
W16	5 40 20	24°26'20	4♏13	12°R 5	7°38	2° 0	24°58	4° 3	11°19	9°34	15°21	19°19	20°35	8°46	20°40	W16
T 17	5 44 17	25°27'23	19° 0	12° 3	8°38	2°34	24°58	4° 7	11°22	9°33	15°21	19°12	20°31	8°53	20°38	T 17
F 18	5 48 14	26°28'27	3♐55	11°50	9°39	3° 8	24°57	4°11	11°25	9°31	15°20	19° 4	20°28	9° 0	20°36	F 18
S 19	5 52 10	27°29'33	18°48	11°25	10°41	3°42	24°57	4°15	11°28	9°30	15°20	18°55	20°25	9° 7	20°33	S 19
S 20	5 56 7	28°30'39	3♑30	10°48	11°42	4°17	24°D57	4°20	11°30	9°29	15°20	18°47	20°22	9°13	20°31	S 20
M21	6 0 3	29°31'45	17°54	10° 0	12°45	4°51	24°57	4°24	11°33	9°28	15°20	18°41	20°19	9°20	20°29	M21
T 22	6 4 0	0♑32'52	1♒54	9° 2	13°47	5°26	24°58	4°28	11°36	9°27	15°20	18°38	20°16	9°27	20°26	T 22
W23	6 7 56	1°33'59	15°27	7°54	14°50	6° 1	24°58	4°33	11°39	9°26	15°19	18°D36	20°12	9°33	20°24	W23
T 24	6 11 53	2°35'06	28°35	6°39	15°53	6°36	24°59	4°37	11°42	9°24	15°19	18°37	20° 9	9°40	20°22	T 24
F 25	6 15 50	3°36'14	11♓18	5°19	16°57	7°11	25° 0	4°42	11°45	9°23	15°19	18°38	20° 6	9°47	20°20	F 25
S 26	6 19 46	4°37'21	23°41	3°57	18° 1	7°46	25° 1	4°47	11°48	9°22	15°19	18°40	20° 3	9°54	20°18	S 26
S 27	6 23 43	5°38'29	5♈49	2°35	19° 5	8°21	25° 3	4°52	11°50	9°20	15°19	18°R40	20° 0	10° 0	20°16	S 27
M28	6 27 39	6°39'37	17°46	1°16	20° 9	8°56	25° 4	4°57	11°53	9°19	15°19	18°39	19°56	10° 7	20°14	M28
T 29	6 31 36	7°40'44	29°38	0° 3	21°14	9°32	25° 6	5° 1	11°56	9°18	15°D19	18°37	19°53	10°14	20°12	T 29
W30	6 35 32	8°41'52	11♉30	28♐57	22°19	10° 8	25° 8	5° 7	12° 0	9°16	15°19	18°32	19°50	10°21	20°11	W30
T 31	6 39 29	9♑43'00	23♉24	28♐ 0	23♏25	10♈43	25♈10	5♓12	12♒ 3	9♌15	15♈19	18♒26	19♒47	10♉27	20♉ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s49	12n23	4n23	25s52	2s26	7s24	1n53	3s12	0s49	8n33	1s25	11s56	1s44	18s10	0s39	17n39	0s 9	9s52	17s17	14s32	14s22	18n35	15n25	2s46
W 2	21 58	17 4	4 48	25 51	2 26	7 38	1 58	2 57	0 47	8 32	1 25	11 55	1 44	18 9	0 39	17 40	0 9	9 52	17 17	14 35	14 23	18 37	15 24	2 46
T 3	22 7	21 8	5 0	25 49	2 24	7 53	2 3	2 42	0 45	8 31	1 25	11 54	1 44	18 8	0 39	17 40	0 9	9 52	17 17	14 39	14 24	18 40	15 24	2 46
F 4	22 15	24 20	4 59	25 46	2 22	8 7	2 7	2 28	0 42	8 30	1 24	11 53	1 44	18 8	0 39	17 40	0 9	9 52	17 16	14 43	14 25	18 42	15 23	2 46
S 5	22 23	26 30	4 45	25 41	2 19	8 23	2 12	2 13	0 40	8 29	1 24	11 52	1 44	18 7	0 39	17 40	0 9	9 52	17 16	14 47	14 26	18 45	15 22	2 46
S 6	22 30	27 26	4 18	25 35	2 16	8 38	2 16	1 58	0 38	8 28	1 24	11 51	1 44	18 6	0 39	17 40	0 9	9 52	17 16	14 51	14 27	18 47	15 21	2 46
M 7	22 37	27 1	3 38	25 28	2 11	8 54	2 20	1 44	0 36	8 28	1 24	11 49	1 43	18 6	0 39	17 41	0 9	9 52	17 15	14 54	14 28	18 50	15 21	2 46
T 8	22 44	25 14	2 48	25 19	2 6	9 10	2 24	1 29	0 34	8 27	1 23	11 48	1 43	18 5	0 39	17 41	0 9	9 52	17 15	14 57	14 30	18 52	15 20	2 46
W 9	22 50	22 11	1 48	25 10	1 59	9 26	2 28	1 14	0 32	8 26	1 23	11 47	1 43	18 4	0 39	17 41	0 9	9 51	17 15	14 58	14 31	18 54	15 19	2 46
T 10	22 55	18 0	0 42	24 59	1 52	9 43	2 31	0 59	0 30	8 26	1 23	11 45	1 43	18 4	0 39	17 41	0 9	9 51	17 14	14 59	14 32	18 57	15 18	2 46
F 11	23 0	12 54	0s27	24 47	1 44	9 59	2 34	0 44	0 28	8 26	1 22	11 44	1 43	18 3	0 39	17 42	0 8	9 51	17 14	14 59	14 33	18 59	15 18	2 46
S 12	23 5	7 8	1 37	24 34	1 34	10 16	2 37	0 29	0 26	8 25	1 22	11 43	1 43	18 2	0 39	17 42	0 8	9 51	17 14	14 59	14 34	19 2	15 17	2 46
S 13	23 9	0 54	2 42	24 20	1 23	10 33	2 40	0 14	0 24	8 25	1 22	11 41	1 43	18 2	0 39	17 42	0 8	9 51	17 13	14 58	14 35	19 4	15 16	2 46
M14	23 13	5s30	3 40	24 6	1 11	10 50	2 43	0n 1	0 22	8 25	1 21	11 40	1 43	18 1	0 39	17 42	0 8	9 51	17 13	14 59	14 36	19 6	15 16	2 46
T 15	23 16	11 47	4 26	23 51	0 57	11 7	2 45	0 16	0 20	8 25	1 21	11 38	1 43	18 0	0 39	17 43	0 8	9 50	17 13	15 0	14 37	19 9	15 15	2 46
W16	23 19	17 32	4 55	23 35	0 43	11 25	2 47	0 31	0 18	8 25	1 21	11 37	1 42	17 59	0 39	17 43	0 8	9 50	17 12	15 1	14 38	19 11	15 14	2 46
T 17	23 21	22 21	5 6	23 19	0 27	11 42	2 49	0 46	0 16	8 25	1 21	11 35	1 42	17 59	0 38	17 43	0 8	9 50	17 12	15 4	14 39	19 13	15 14	2 46
F 18	23 23	25 45	4 55	23 3	0 9	11 59	2 51	1 1	0 15	8 25	1 20	11 34	1 42	17 58	0 38	17 44	0 8	9 50	17 12	15 6	14 40	19 16	15 13	2 46
S 19	23 24	27 22	4 25	22 47	0n 9	12 17	2 53	1 17	0 13	8 25	1 20	11 32	1 42	17 57	0 38	17 44	0 8	9 50	17 11	15 9	14 41	19 18	15 13	2 46
S 20	23 25	27 1	3 38	22 31	0 28	12 34	2 55	1 32	0 11	8 25	1 20	11 30	1 42	17 56	0 38	17 44	0 8	9 49	17 11	15 11	14 42	19 21	15 12	2 46
M21	23 26	24 50	2 38	22 15	0 48	12 52	2 56	1 47	0 9	8 26	1 19	11 29	1 42	17 56	0 38	17 44	0 8	9 49	17 11	15 13	14 43	19 23	15 12	2 46
T 22	23 26	21 10	1 29	21 59	1 8	13 9	2 57	2 2	0 8	8 26	1 19	11 27	1 42	17 55	0 38	17 45	0 8	9 49	17 10	15 14	14 44	19 25	15 11	2 46
W23	23 25	16 28	0 17	21 44	1 28	13 26	2 58	2 18	0 6	8 27	1 19	11 25	1 42	17 54	0 38	17 45	0 8	9 49	17 10	15 15	14 45	19 28	15 10	2 46
T 24	23 24	11 8	0n54	21 29	1 47	13 44	2 59	2 33	0 4	8 27	1 18	11 23	1 42	17 53	0 38	17 46	0 8	9 48	17 9	15 14	14 46	19 30	15 10	2 46
F 25	23 23	5 29	2 0	21 15	2 5	14 1	3 0	2 48	0 3	8 28	1 18	11 22	1 42	17 52	0 38	17 46	0 8	9 48	17 9	15 14	14 47	19 32	15 9	2 46
S 26	23 21	0n13	2 58	21 2	2 21	14 18	3 0	3 4	0 1	8 29	1 18	11 20	1 42	17 52	0 38	17 46	0 8	9 48	17 9	15 14	14 48	19 35	15 9	2 46
S 27	23 19	5 47	3 47	20 49	2 35	14 35	3 1	3 19	0n 0	8 29	1 17	11 18	1 41	17 51	0 38	17 47	0 8	9 47	17 8	15 13	14 49	19 37	15 8	2 46
M28	23 16	11 4	4 26	20 39	2 47	14 52	3 1	3 34	0 2	8 30	1 17	11 16	1 41	17 50	0 38	17 47	0 8	9 47	17 8	15 14	14 50	19 39	15 8	2 46
T 29	23 12	15 54	4 53	20 30	2 56	15 9	3 1	3 50	0 3	8 31	1 17	11 14	1 41	17 49	0 38	17 47	0 8	9 47	17 8	15 15	14 51	19 41	15 8	2 46
W30	23 9	20 8	5 7	20 23	3 3	15 25	3 1	4 5	0 5	8 32	1 16	11 12	1 41	17 48	0 38	17 48	0 8	9 46	17 7	15 16	14 52	19 44	15 7	2 46
T 31	23s 4	23n35	5n 8	20s17	3n 7	15s42	3n 1	4n20	0n 6	8n33	1s16	11s10	1s41	17s47	0s38	17n48	0s 8	9s46	17s 7	15s18	14s53	19n46	15n 7	2s46

Julian Day Number = 2481829.5, Delta T = 85.85 sec
Ecliptic obliquity = 23°25'49, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°53'55, Lahiri = 25°00'56