Astrodienst Ephemeris Tables

for the year 1989

tropical 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, Internet: www.astro.com E-Mail: order@astro.com

JANUARY 1989

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 30	10♑32'59	19♎11	27♑21	17♐48	20♈12	26°R44	5♑36	1♑45	9♑55	14♏33	6°R37	7♓47	25♍43	3°R52	S 1
M 2	6 46 26	11°34'08	1♏14	28°49	19° 3	20°43	26♉40	5°43	1°49	9°58	14°35	6♓34	7°44	25°50	3♋48	M 2
T 3	6 50 23	12°35'18	13°32	0♒15	20°18	21°14	26°36	5°50	1°52	10° 0	14°36	6°30	7°41	25°57	3°44	T 3
W 4	6 54 19	13°36'29	26° 9	1°39	21°33	21°45	26°33	5°57	1°56	10° 2	14°38	6°23	7°38	26° 3	3°40	W 4
T 5	6 58 16	14°37'39	9♐ 8	3° 1	22°48	22°16	26°30	6° 4	2° 0	10° 4	14°39	6°15	7°35	26°10	3°36	T 5
F 6	7 2 13	15°38'50	22°29	4°19	24° 3	22°47	26°26	6°11	2° 3	10° 7	14°41	6° 6	7°31	26°17	3°32	F 6
S 7	7 6 9	16°40'01	6♑12	5°33	25°18	23°19	26°24	6°18	2° 7	10° 9	14°42	5°57	7°28	26°23	3°28	S 7
S 8	7 10 6	17°41'11	20°13	6°44	26°33	23°50	26°21	6°25	2°10	10°11	14°44	5°49	7°25	26°30	3°25	S 8
M 9	7 14 2	18°42'22	4♒28	7°49	27°48	24°22	26°19	6°32	2°14	10°13	14°45	5°43	7°22	26°37	3°21	M 9
T 10	7 17 59	19°43'32	18°52	8°48	29° 3	24°54	26°16	6°39	2°17	10°16	14°46	5°39	7°19	26°43	3°17	T 10
W11	7 21 55	20°44'41	3♓18	9°41	0♑18	25°26	26°14	6°46	2°21	10°18	14°48	5°D38	7°16	26°50	3°13	W11
T 12	7 25 52	21°45'50	17°43	10°26	1°33	25°59	26°13	6°53	2°24	10°20	14°49	5°39	7°12	26°57	3°10	T 12
F 13	7 29 48	22°46'59	2♈ 2	11° 2	2°49	26°31	26°11	7° 0	2°28	10°22	14°50	5°40	7° 9	27° 3	3° 6	F 13
S 14	7 33 45	23°48'06	16°13	11°30	4° 4	27° 4	26°10	7° 7	2°31	10°25	14°51	5°41	7° 6	27°10	3° 2	S 14
S 15	7 37 42	24°49'13	0♉14	11°47	5°19	27°36	26° 8	7°14	2°35	10°27	14°53	5°R41	7° 3	27°17	2°59	S 15
M16	7 41 38	25°50'20	14° 6	11°R54	6°34	28° 9	26° 7	7°21	2°38	10°29	14°54	5°40	7° 0	27°23	2°55	M16
T 17	7 45 35	26°51'25	27°46	11°49	7°49	28°42	26° 7	7°27	2°41	10°31	14°55	5°36	6°56	27°30	2°52	T 17
W18	7 49 31	27°52'30	11♊16	11°32	9° 4	29°15	26° 6	7°34	2°45	10°33	14°56	5°31	6°53	27°37	2°48	W18
T 19	7 53 28	28°53'34	24°33	11° 4	10°19	29°49	26° 6	7°41	2°48	10°36	14°57	5°25	6°50	27°43	2°45	T 19
F 20	7 57 24	29°54'37	7♋38	10°24	11°34	0♉22	26°D 5	7°48	2°51	10°38	14°58	5°19	6°47	27°50	2°42	F 20
S 21	8 1 21	0♒55'40	20°29	9°34	12°49	0°55	26° 6	7°54	2°55	10°40	14°59	5°13	6°44	27°57	2°38	S 21
S 22	8 5 18	1°56'41	3♌ 7	8°35	14° 5	1°29	26° 6	8° 1	2°58	10°42	15° 0	5° 8	6°41	28° 3	2°35	S 22
M23	8 9 14	2°57'42	15°31	7°28	15°20	2° 3	26° 6	8° 8	3° 1	10°44	15° 1	5° 4	6°37	28°10	2°32	M23
T 24	8 13 11	3°58'42	27°43	6°16	16°35	2°36	26° 7	8°15	3° 5	10°46	15° 1	5° 2	6°34	28°16	2°28	T 24
W25	8 17 7	4°59'42	9♍44	5° 1	17°50	3°10	26° 8	8°21	3° 8	10°49	15° 2	5°D 2	6°31	28°23	2°25	W25
T 26	8 21 4	6° 0'41	21°37	3°44	19° 5	3°44	26° 9	8°28	3°11	10°51	15° 3	5° 3	6°28	28°30	2°22	T 26
F 27	8 25 0	7° 1'39	3♎26	2°29	20°20	4°18	26°10	8°34	3°14	10°53	15° 4	5° 5	6°25	28°36	2°19	F 27
S 28	8 28 57	8° 2'36	15°14	1°17	21°35	4°53	26°12	8°41	3°17	10°55	15° 5	5° 7	6°22	28°43	2°16	S 28
S 29	8 32 53	9° 3'33	27° 6	0°11	22°50	5°27	26°13	8°47	3°20	10°57	15° 5	5° 8	6°18	28°50	2°13	S 29
M30	8 36 50	10° 4'30	9♏ 8	29♑11	24° 6	6° 1	26°15	8°54	3°23	10°59	15° 6	5°R 9	6°15	28°56	2°11	M30
T 31	8 40 47	11♒ 5'25	21♏24	28♑18	25♑21	6♉36	26♉17	9♑ 0	3♑27	11♑ 1	15♏ 7	5♓ 9	6♓12	29♍ 3	2♋ 8	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	23s 1	10s43	3s28	22s34	1s55	22s 4	0n49	8n24	0n33	18n33	0s54	22s36	0n43	23s39	0s13	22s10	0n54	1s16	15n36	9s 5	8s39	0n15	16n32	6s51
M 2	22 56	15 49	4 11	22 11	1 50	22 13	0 47	8 37	0 34	18 32	0 54	22 36	0 43	23 39	0 13	22 10	0 54	1 16	15 36	9 6	8 40	0 11	16 32	6 51
T 3	22 51	20 23	4 43	21 47	1 44	22 21	0 44	8 50	0 35	18 32	0 53	22 36	0 43	23 39	0 13	22 10	0 54	1 16	15 37	9 8	8 41	0 8	16 33	6 51
W 4	22 45	24 11	5 2	21 22	1 37	22 29	0 42	9 2	0 36	18 31	0 53	22 36	0 43	23 39	0 13	22 10	0 54	1 16	15 37	9 10	8 43	0 4	16 33	6 51
T 5	22 38	26 52	5 6	20 56	1 29	22 36	0 39	9 15	0 38	18 31	0 53	22 35	0 43	23 39	0 13	22 10	0 54	1 16	15 37	9 13	8 44	0 1	16 33	6 51
F 6	22 32	28 8	4 54	20 29	1 21	22 42	0 37	9 28	0 39	18 30	0 53	22 35	0 43	23 39	0 13	22 9	0 54	1 16	15 38	9 17	8 45	0s 3	16 33	6 51
S 7	22 24	27 43	4 25	20 2	1 11	22 47	0 34	9 41	0 40	18 30	0 52	22 35	0 43	23 39	0 13	22 9	0 54	1 16	15 38	9 20	8 46	0 6	16 33	6 51
S 8	22 16	25 33	3 40	19 34	1 1	22 52	0 32	9 53	0 41	18 30	0 52	22 35	0 43	23 39	0 13	22 9	0 54	1 16	15 39	9 23	8 47	0 9	16 33	6 51
M 9	22 8	21 44	2 40	19 6	0 49	22 56	0 29	10 6	0 42	18 29	0 52	22 34	0 43	23 39	0 13	22 9	0 54	1 16	15 39	9 25	8 48	0 13	16 33	6 51
T 10	22 0	16 35	1 30	18 39	0 36	23 0	0 26	10 19	0 43	18 29	0 52	22 34	0 43	23 39	0 13	22 9	0 54	1 16	15 39	9 26	8 50	0 16	16 34	6 51
W11	21 50	10 30	0 13	18 12	0 23	23 3	0 24	10 32	0 44	18 29	0 51	22 34	0 42	23 39	0 13	22 9	0 54	1 16	15 40	9 27	8 51	0 20	16 34	6 51
T 12	21 41	3 52	1n 5	17 45	0 8	23 5	0 21	10 44	0 45	18 29	0 51	22 33	0 42	23 39	0 13	22 8	0 54	1 16	15 40	9 27	8 52	0 23	16 34	6 50
F 13	21 31	2n55	2 18	17 20	0n 8	23 6	0 19	10 57	0 46	18 29	0 51	22 33	0 42	23 38	0 13	22 8	0 54	1 16	15 41	9 26	8 53	0 26	16 34	6 50
S 14	21 21	9 29	3 22	16 57	0 24	23 7	0 16	11 10	0 47	18 29	0 51	22 33	0 42	23 38	0 13	22 8	0 54	1 16	15 41	9 26	8 54	0 30	16 34	6 50
S 15	21 10	15 30	4 13	16 35	0 41	23 7	0 13	11 23	0 48	18 29	0 50	22 33	0 42	23 38	0 13	22 8	0 54	1 16	15 42	9 26	8 56	0 33	16 35	6 50
M16	20 59	20 40	4 49	16 16	0 59	23 6	0 11	11 35	0 49	18 29	0 50	22 32	0 42	23 38	0 13	22 8	0 54	1 16	15 42	9 26	8 57	0 37	16 35	6 50
T 17	20 47	24 39	5 8	16 0	1 18	23 5	0 8	11 48	0 50	18 29	0 50	22 32	0 42	23 38	0 13	22 8	0 54	1 15	15 43	9 27	8 58	0 40	16 35	6 50
W18	20 35	27 14	5 9	15 47	1 36	23 2	0 6	12 1	0 51	18 29	0 50	22 32	0 42	23 38	0 13	22 7	0 54	1 15	15 43	9 29	8 59	0 43	16 35	6 50
T 19	20 23	28 13	4 54	15 37	1 55	23 0	0 3	12 13	0 52	18 29	0 49	22 31	0 42	23 38	0 13	22 7	0 54	1 15	15 44	9 32	9 0	0 47	16 36	6 49
F 20	20 10	27 36	4 23	15 30	2 13	22 56	0 0	12 26	0 53	18 29	0 49	22 31	0 42	23 38	0 13	22 7	0 54	1 15	15 44	9 34	9 1	0 50	16 36	6 49
S 21	19 57	25 30	3 39	15 27	2 30	22 52	0s 2	12 38	0 54	18 29	0 49	22 30	0 42	23 38	0 13	22 7	0 54	1 15	15 45	9 36	9 3	0 54	16 36	6 49
S 22	19 44	22 9	2 46	15 28	2 45	22 47	0 5	12 51	0 55	18 30	0 48	22 30	0 42	23 38	0 13	22 7	0 54	1 15	15 45	9 38	9 4	0 57	16 36	6 49
M23	19 30	17 51	1 45	15 31	2 59	22 41	0 7	13 3	0 55	18 30	0 48	22 30	0 42	23 38	0 13	22 7	0 54	1 14	15 46	9 39	9 5	1 0	16 37	6 49
T 24	19 16	12 54	0 40	15 37	3 11	22 35	0 10	13 16	0 56	18 31	0 48	22 29	0 42	23 38	0 13	22 6	0 54	1 14	15 46	9 40	9 6	1 4	16 37	6 48
W25	19 1	7 31	0s26	15 46	3 21	22 28	0 12	13 28	0 57	18 31	0 48	22 29	0 42	23 38	0 13	22 6	0 54	1 14	15 46	9 40	9 7	1 7	16 37	6 48
T 26	18 46	1 57	1 30	15 57	3 28	22 20	0 15	13 40	0 58	18 31	0 47	22 29	0 42	23 38	0 13	22 6	0 54	1 14	15 47	9 40	9 8	1 11	16 38	6 48
F 27	18 31	3s39	2 30	16 9	3 33	22 11	0 17	13 52	0 58	18 32	0 47	22 28	0 42	23 38	0 13	22 6	0 54	1 13	15 47	9 39	9 10	1 14	16 38	6 48
S 28	18 16	9 7	3 23	16 23	3 35	22 2	0 20	14 5	0 59	18 33	0 47	22 28	0 42	23 38	0 13	22 6	0 54	1 13	15 48	9 38	9 11	1 17	16 38	6 47
S 29	18 0	14 18	4 8	16 37	3 35	21 52	0 22	14 17	1 0	18 33	0 47	22 28	0 42	23 38	0 14	22 6	0 54	1 13	15 48	9 38	9 12	1 21	16 39	6 47
M30	17 43	19 1	4 43	16 51	3 33	21 42	0 25	14 29	1 1	18 34	0 46	22 27	0 42	23 37	0 14	22 5	0 54	1 12	15 49	9 37	9 13	1 24	16 39	6 47
T 31	17s27	23s 2	5s 6	17s 6	3n28	21s31	0s27	14n41	1n 1	18n35	0s46	22s27	0n42	23s37	0s14	22s 5	0n54	1s12	15n49	9s38	9s14	1s28	16n39	6s46

Julian Day Number = 2447527.5, Delta T = 56.30 sec
Ecliptic obliquity = 23°26'35, Nutation = 0°00'07
Ayanamsha: Fagan/Bradley = 24°35'12, Lahiri = 23°42'12

created from Swiss Ephemeris, Copyright Astrodienst AG [14.2.2018]

FEBRUARY 1989

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 44 43	12♒ 6'20	3♐58	27°R34	26♑36	7♉10	26♉20	9♑ 6	3♑30	11♑ 3	15♏ 7	5°R 7	6♓ 9	29♍10	2°R 5	W 1
T 2	8 48 40	13° 7'14	16°55	26♑58	27°51	7°45	26°22	9°13	3°33	11° 5	15° 8	5♓ 5	6° 6	29°16	2♋ 2	T 2
F 3	8 52 36	14° 8'07	0♑17	26°31	29° 6	8°19	26°25	9°19	3°36	11° 7	15° 8	5° 2	6° 2	29°23	2° 0	F 3
S 4	8 56 33	15° 9'00	14° 5	26°12	0♒21	8°54	26°28	9°25	3°38	11° 9	15° 9	4°58	5°59	29°30	1°57	S 4
S 5	9 0 29	16° 9'51	28°17	26° 2	1°36	9°29	26°31	9°31	3°41	11°11	15° 9	4°56	5°56	29°36	1°55	S 5
M 6	9 4 26	17°10'41	12♒50	25°D59	2°51	10° 4	26°34	9°38	3°44	11°13	15° 9	4°54	5°53	29°43	1°53	M 6
T 7	9 8 22	18°11'31	27°36	26° 4	4° 6	10°39	26°37	9°44	3°47	11°15	15°10	4°D53	5°50	29°50	1°50	T 7
W 8	9 12 19	19°12'18	12♓29	26°16	5°22	11°14	26°41	9°50	3°50	11°17	15°10	4°53	5°47	29°56	1°48	W 8
T 9	9 16 16	20°13'04	27°21	26°34	6°37	11°49	26°45	9°56	3°53	11°19	15°10	4°54	5°43	0♎ 3	1°46	T 9
F 10	9 20 12	21°13'49	12♈ 5	26°58	7°52	12°24	26°49	10° 2	3°55	11°20	15°11	4°55	5°40	0°10	1°44	F 10
S 11	9 24 9	22°14'32	26°34	27°27	9° 7	13° 0	26°53	10° 8	3°58	11°22	15°11	4°56	5°37	0°16	1°42	S 11
S 12	9 28 5	23°15'14	10♉47	28° 2	10°22	13°35	26°57	10°13	4° 1	11°24	15°11	4°57	5°34	0°23	1°40	S 12
M13	9 32 2	24°15'54	24°40	28°41	11°37	14°10	27° 2	10°19	4° 4	11°26	15°11	4°R57	5°31	0°30	1°38	M13
T 14	9 35 58	25°16'32	8♊14	29°24	12°52	14°46	27° 7	10°25	4° 6	11°28	15°11	4°57	5°28	0°36	1°36	T 14
W15	9 39 55	26°17'09	21°30	0♒12	14° 7	15°21	27°12	10°31	4° 9	11°29	15°11	4°56	5°24	0°43	1°35	W15
T 16	9 43 51	27°17'44	4♋29	1° 3	15°22	15°57	27°17	10°36	4°11	11°31	15°R11	4°55	5°21	0°50	1°33	T 16
F 17	9 47 48	28°18'17	17°13	1°57	16°37	16°32	27°22	10°42	4°14	11°33	15°11	4°54	5°18	0°56	1°31	F 17
S 18	9 51 45	29°18'48	29°43	2°54	17°52	17° 8	27°28	10°47	4°16	11°35	15°11	4°53	5°15	1° 3	1°30	S 18
S 19	9 55 41	0♓19'18	12♌ 2	3°54	19° 7	17°44	27°33	10°53	4°19	11°36	15°11	4°53	5°12	1°10	1°29	S 19
M20	9 59 38	1°19'46	24°11	4°57	20°22	18°20	27°39	10°58	4°21	11°38	15°11	4°52	5° 8	1°16	1°27	M20
T 21	10 3 34	2°20'12	6♍13	6° 2	21°37	18°55	27°45	11° 3	4°23	11°40	15°11	4°D52	5° 5	1°23	1°26	T 21
W22	10 7 31	3°20'37	18° 7	7° 9	22°52	19°31	27°51	11° 9	4°26	11°41	15°11	4°52	5° 2	1°30	1°25	W22
T 23	10 11 27	4°21'00	29°58	8°18	24° 7	20° 7	27°57	11°14	4°28	11°43	15°11	4°R52	4°59	1°36	1°24	T 23
F 24	10 15 24	5°21'22	11♎46	9°30	25°22	20°43	28° 4	11°19	4°30	11°44	15°10	4°52	4°56	1°43	1°23	F 24
S 25	10 19 20	6°21'42	23°36	10°43	26°37	21°19	28°10	11°24	4°32	11°46	15°10	4°52	4°53	1°50	1°22	S 25
S 26	10 23 17	7°22'01	5♏29	11°58	27°52	21°55	28°17	11°29	4°34	11°47	15°10	4°52	4°49	1°56	1°21	S 26
M27	10 27 14	8°22'18	17°31	13°14	29° 7	22°31	28°24	11°34	4°36	11°49	15° 9	4°52	4°46	2° 3	1°20	M27
T 28	10 31 10	9♓22'34	29♏45	14♒32	0♓22	23♉ 7	28♉31	11♑39	4♑38	11♑50	15♏ 9	4♓51	4♓43	2♎10	1♋20	T 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
W 1	17s10	26s 6	5s15	17s21	3n22	21s19	0s29	14n53	1n 2	18n35	0s46	22s26	0n42	23s37	0s14	22s 5	0n54	1s12	15n50	9s38	9s15	1s31	16n40	6s46
T 2	16 53	27 55	5 8	17 35	3 15	21 7	0 32	15 5	1 3	18 36	0 46	22 26	0 42	23 37	0 14	22 5	0 54	1 11	15 50	9 39	9 17	1 34	16 40	6 46
F 3	16 35	28 12	4 45	17 48	3 6	20 54	0 34	15 17	1 3	18 37	0 45	22 26	0 42	23 37	0 14	22 5	0 54	1 11	15 51	9 40	9 18	1 38	16 40	6 45
S 4	16 18	26 45	4 5	18 1	2 57	20 40	0 36	15 28	1 4	18 38	0 45	22 25	0 41	23 37	0 14	22 5	0 54	1 11	15 51	9 41	9 19	1 41	16 41	6 45
S 5	16 0	23 35	3 9	18 14	2 46	20 26	0 38	15 40	1 4	18 39	0 45	22 25	0 41	23 37	0 14	22 4	0 54	1 10	15 52	9 42	9 20	1 45	16 41	6 45
M 6	15 41	18 52	1 59	18 25	2 35	20 11	0 41	15 52	1 5	18 40	0 45	22 24	0 41	23 37	0 14	22 4	0 54	1 10	15 52	9 43	9 21	1 48	16 41	6 44
T 7	15 23	12 56	0 40	18 35	2 24	19 55	0 43	16 3	1 6	18 41	0 44	22 24	0 41	23 37	0 14	22 4	0 54	1 10	15 53	9 43	9 23	1 51	16 42	6 44
W 8	15 4	6 14	0n42	18 44	2 12	19 39	0 45	16 15	1 6	18 42	0 44	22 24	0 41	23 37	0 14	22 4	0 54	1 9	15 53	9 43	9 24	1 55	16 42	6 44
T 9	14 45	0n48	2 1	18 52	2 0	19 23	0 47	16 26	1 7	18 43	0 44	22 23	0 41	23 37	0 14	22 4	0 54	1 9	15 54	9 43	9 25	1 58	16 43	6 43
F 10	14 26	7 43	3 12	19 0	1 49	19 6	0 49	16 38	1 7	18 44	0 44	22 23	0 41	23 37	0 14	22 4	0 54	1 8	15 54	9 43	9 26	2 2	16 43	6 43
S 11	14 6	14 7	4 9	19 5	1 37	18 48	0 51	16 49	1 8	18 46	0 43	22 22	0 41	23 37	0 14	22 3	0 54	1 8	15 55	9 42	9 27	2 5	16 43	6 43
S 12	13 46	19 38	4 49	19 10	1 25	18 30	0 53	17 0	1 8	18 47	0 43	22 22	0 41	23 37	0 14	22 3	0 54	1 8	15 55	9 42	9 28	2 8	16 44	6 42
M13	13 26	23 59	5 12	19 14	1 13	18 11	0 55	17 11	1 9	18 48	0 43	22 21	0 41	23 37	0 14	22 3	0 54	1 7	15 56	9 42	9 30	2 12	16 44	6 42
T 14	13 6	26 53	5 17	19 16	1 2	17 51	0 57	17 22	1 9	18 50	0 43	22 21	0 41	23 37	0 14	22 3	0 54	1 7	15 56	9 42	9 31	2 15	16 45	6 41
W15	12 45	28 14	5 4	19 17	0 51	17 32	0 58	17 33	1 10	18 51	0 42	22 21	0 41	23 36	0 14	22 3	0 54	1 6	15 57	9 42	9 32	2 18	16 45	6 41
T 16	12 25	27 58	4 36	19 17	0 40	17 11	1 0	17 44	1 10	18 52	0 42	22 20	0 41	23 36	0 14	22 3	0 54	1 6	15 57	9 43	9 33	2 22	16 46	6 41
F 17	12 4	26 13	3 55	19 16	0 29	16 50	1 2	17 55	1 11	18 54	0 42	22 20	0 41	23 36	0 14	22 2	0 54	1 5	15 58	9 43	9 34	2 25	16 46	6 40
S 18	11 43	23 12	3 3	19 13	0 18	16 29	1 4	18 5	1 11	18 55	0 42	22 19	0 41	23 36	0 14	22 2	0 54	1 5	15 58	9 43	9 35	2 29	16 46	6 40
S 19	11 22	19 10	2 4	19 9	0 8	16 7	1 5	18 16	1 11	18 57	0 41	22 19	0 41	23 36	0 14	22 2	0 54	1 4	15 59	9 43	9 36	2 32	16 47	6 39
M20	11 0	14 23	0 59	19 4	0s 2	15 45	1 7	18 26	1 12	18 58	0 41	22 19	0 41	23 36	0 14	22 2	0 54	1 4	15 59	9 44	9 38	2 35	16 47	6 39
T 21	10 39	9 7	0s 7	18 57	0 11	15 23	1 8	18 37	1 12	19 0	0 41	22 18	0 41	23 36	0 14	22 2	0 54	1 3	16 0	9 44	9 39	2 39	16 48	6 38
W22	10 17	3 35	1 13	18 49	0 21	15 0	1 10	18 47	1 13	19 1	0 41	22 18	0 41	23 36	0 14	22 2	0 54	1 3	16 0	9 44	9 40	2 42	16 48	6 38
T 23	9 55	2s 3	2 15	18 40	0 30	14 36	1 11	18 57	1 13	19 3	0 40	22 17	0 41	23 36	0 14	22 1	0 54	1 2	16 1	9 44	9 41	2 45	16 49	6 38
F 24	9 33	7 35	3 11	18 30	0 38	14 12	1 12	19 7	1 13	19 5	0 40	22 17	0 41	23 36	0 14	22 1	0 54	1 2	16 1	9 44	9 42	2 49	16 49	6 37
S 25	9 11	12 52	3 59	18 18	0 46	13 48	1 14	19 17	1 14	19 6	0 40	22 16	0 41	23 36	0 14	22 1	0 54	1 1	16 2	9 44	9 43	2 52	16 50	6 37
S 26	8 48	17 42	4 37	18 5	0 54	13 23	1 15	19 26	1 14	19 8	0 40	22 16	0 41	23 36	0 14	22 1	0 54	1 1	16 2	9 44	9 45	2 56	16 50	6 36
M27	8 26	21 54	5 3	17 50	1 2	12 58	1 16	19 36	1 14	19 10	0 40	22 16	0 41	23 36	0 14	22 1	0 54	1 0	16 3	9 44	9 46	2 59	16 51	6 36
T 28	8s 3	25s15	5s16	17s35	1s 9	12s33	1s17	19n46	1n15	19n12	0s39	22s15	0n41	23s36	0s14	22s 1	0n54	1s 0	16n 3	9s44	9s47	3s 2	16n51	6s35

Julian Day Number = 2447558.5, Delta T = 56.34 sec
Ecliptic obliquity = 23°26'35, Nutation = 0°00'08
Ayanamsha: Fagan/Bradley = 24°35'17, Lahiri = 23°42'17

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MARCH 1989

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 35 7	10♓22'48	12♐15	15♒52	1♓37	23♉43	28♉38	11♉43	4♉40	11♉51	15°R 9	4°D51	4♓40	2♎16	1°R19	W 1
T 2	10 39 3	11°23'01	25° 6	17°13	2°52	24°19	28°46	11°48	4°42	11°53	15♏ 8	4♓51	4°37	2°23	1♋19	T 2
F 3	10 43 0	12°23'12	8♉21	18°36	4° 7	24°56	28°53	11°53	4°44	11°54	15° 8	4°52	4°34	2°29	1°18	F 3
S 4	10 46 56	13°23'22	22° 2	20° 0	5°22	25°32	29° 1	11°57	4°46	11°56	15° 7	4°53	4°30	2°36	1°18	S 4
S 5	10 50 53	14°23'30	6♒11	21°25	6°37	26° 8	29° 9	12° 2	4°48	11°57	15° 7	4°54	4°27	2°43	1°18	S 5
M 6	10 54 49	15°23'37	20°44	22°52	7°51	26°45	29°17	12° 6	4°50	11°58	15° 6	4°54	4°24	2°49	1°18	M 6
T 7	10 58 46	16°23'42	5♓38	24°19	9° 6	27°21	29°25	12°11	4°51	11°59	15° 5	4°R54	4°21	2°56	1°D18	T 7
W 8	11 2 43	17°23'45	20°45	25°48	10°21	27°57	29°33	12°15	4°53	12° 1	15° 5	4°54	4°18	3° 3	1°18	W 8
T 9	11 6 39	18°23'46	5♈57	27°19	11°36	28°34	29°42	12°19	4°55	12° 2	15° 4	4°53	4°14	3° 9	1°18	T 9
F 10	11 10 36	19°23'45	21° 2	28°50	12°51	29°10	29°50	12°23	4°56	12° 3	15° 3	4°51	4°11	3°16	1°18	F 10
S 11	11 14 32	20°23'42	5♉54	0♓23	14° 6	29°47	29°59	12°27	4°58	12° 4	15° 2	4°49	4° 8	3°23	1°19	S 11
S 12	11 18 29	21°23'36	20°24	1°57	15°20	0♊23	0♊ 8	12°31	4°59	12° 5	15° 2	4°48	4° 5	3°29	1°19	S 12
M13	11 22 25	22°23'29	4♊30	3°32	16°35	1° 0	0°16	12°35	5° 1	12° 6	15° 1	4°46	4° 2	3°36	1°19	M13
T 14	11 26 22	23°23'20	18° 9	5° 8	17°50	1°36	0°26	12°39	5° 2	12° 7	15° 0	4°D45	3°59	3°43	1°20	T 14
W15	11 30 18	24°23'08	1♋23	6°45	19° 5	2°13	0°35	12°42	5° 3	12° 8	14°59	4°45	3°55	3°49	1°21	W15
T 16	11 34 15	25°22'54	14°15	8°24	20°20	2°49	0°44	12°46	5° 5	12° 9	14°58	4°46	3°52	3°56	1°21	T 16
F 17	11 38 12	26°22'38	26°48	10° 4	21°34	3°26	0°53	12°50	5° 6	12°10	14°57	4°48	3°49	4° 3	1°22	F 17
S 18	11 42 8	27°22'19	9♌ 5	11°45	22°49	4° 3	1° 3	12°53	5° 7	12°11	14°56	4°49	3°46	4° 9	1°23	S 18
S 19	11 46 5	28°21'58	21°11	13°27	24° 4	4°39	1°13	12°56	5° 8	12°12	14°55	4°51	3°43	4°16	1°24	S 19
M20	11 50 1	29°21'35	3♍ 9	15°11	25°18	5°16	1°22	13° 0	5° 9	12°13	14°54	4°R51	3°39	4°23	1°25	M20
T 21	11 53 58	0♈21'10	15° 1	16°55	26°33	5°52	1°32	13° 3	5°10	12°14	14°53	4°51	3°36	4°29	1°27	T 21
W22	11 57 54	1°20'43	26°51	18°41	27°48	6°29	1°42	13° 6	5°11	12°14	14°52	4°49	3°33	4°36	1°28	W22
T 23	12 1 51	2°20'14	8♎40	20°29	29° 2	7° 6	1°52	13° 9	5°12	12°15	14°51	4°46	3°30	4°43	1°29	T 23
F 24	12 5 47	3°19'42	20°30	22°17	0♈17	7°43	2° 2	13°12	5°13	12°16	14°50	4°42	3°27	4°49	1°31	F 24
S 25	12 9 44	4°19'09	2♏24	24° 7	1°32	8°19	2°13	13°15	5°14	12°16	14°49	4°36	3°24	4°56	1°32	S 25
S 26	12 13 40	5°18'34	14°23	25°58	2°46	8°56	2°23	13°17	5°15	12°17	14°48	4°31	3°20	5° 3	1°34	S 26
M27	12 17 37	6°17'57	26°29	27°51	4° 1	9°33	2°34	13°20	5°15	12°18	14°46	4°26	3°17	5° 9	1°35	M27
T 28	12 21 34	7°17'19	8♐46	29°44	5°15	10°10	2°44	13°23	5°16	12°18	14°45	4°21	3°14	5°16	1°37	T 28
W29	12 25 30	8°16'38	21°17	1♈40	6°30	10°47	2°55	13°25	5°17	12°19	14°44	4°19	3°11	5°23	1°39	W29
T 30	12 29 27	9°15'56	4♑ 4	3°36	7°44	11°23	3° 6	13°28	5°17	12°19	14°43	4°D17	3° 8	5°29	1°41	T 30
F 31	12 33 23	10♈15'12	17♑12	5♈34	8♈59	12♊ 0	3♊17	13♑30	5♑18	12♑20	14♏41	4♓17	3♓ 5	5♎36	1♋43	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	7s41	27s28	5s15	17s18	1s16	12s 7	1s18	19n55	1n15	19n13	0s39	22s15	0n41	23s36	0s14	22s 1	0n54	0s59	16n 4	9s44	9s48	3s 6	16n51	6s35
T 2	7 18	28 19	4 58	16 59	1 23	11 41	1 19	20 4	1 15	19 15	0 39	22 14	0 41	23 36	0 14	22 0	0 54	0 58	16 4	9 44	9 49	3 9	16 52	6 34
F 3	6 55	27 35	4 25	16 40	1 29	11 15	1 20	20 14	1 16	19 17	0 39	22 14	0 41	23 36	0 14	22 0	0 55	0 58	16 5	9 44	9 50	3 12	16 52	6 34
S 4	6 32	25 12	3 36	16 19	1 35	10 48	1 21	20 23	1 16	19 19	0 38	22 14	0 41	23 36	0 14	22 0	0 55	0 57	16 5	9 43	9 52	3 16	16 53	6 33
S 5	6 9	21 12	2 33	15 57	1 40	10 21	1 22	20 32	1 16	19 21	0 38	22 13	0 41	23 35	0 14	22 0	0 55	0 57	16 6	9 43	9 53	3 19	16 53	6 33
M 6	5 45	15 49	1 18	15 33	1 45	9 54	1 22	20 40	1 17	19 23	0 38	22 13	0 41	23 35	0 14	22 0	0 55	0 56	16 6	9 43	9 54	3 23	16 54	6 32
T 7	5 22	9 23	0n 4	15 9	1 50	9 26	1 23	20 49	1 17	19 25	0 38	22 13	0 41	23 35	0 14	22 0	0 55	0 56	16 6	9 43	9 55	3 26	16 54	6 32
W 8	4 59	2 20	1 27	14 43	1 54	8 59	1 24	20 58	1 17	19 27	0 38	22 12	0 41	23 35	0 14	22 0	0 55	0 55	16 7	9 43	9 56	3 29	16 55	6 31
T 9	4 35	4n52	2 44	14 16	1 58	8 31	1 24	21 6	1 17	19 29	0 37	22 12	0 41	23 35	0 14	22 0	0 55	0 54	16 7	9 43	9 57	3 33	16 55	6 31
F 10	4 12	11 44	3 49	13 47	2 2	8 3	1 25	21 14	1 18	19 31	0 37	22 11	0 41	23 35	0 14	21 59	0 55	0 54	16 8	9 44	9 59	3 36	16 56	6 30
S 11	3 48	17 50	4 37	13 17	2 5	7 34	1 25	21 22	1 18	19 33	0 37	22 11	0 41	23 35	0 14	21 59	0 55	0 53	16 8	9 45	10 0	3 39	16 56	6 30
S 12	3 25	22 46	5 6	12 46	2 8	7 6	1 26	21 30	1 18	19 35	0 37	22 11	0 41	23 35	0 14	21 59	0 55	0 53	16 9	9 45	10 1	3 43	16 57	6 30
M13	3 1	26 13	5 16	12 14	2 10	6 37	1 26	21 38	1 18	19 37	0 37	22 10	0 41	23 35	0 14	21 59	0 55	0 52	16 9	9 46	10 2	3 46	16 57	6 29
T 14	2 38	28 1	5 8	11 41	2 12	6 8	1 26	21 46	1 19	19 39	0 36	22 10	0 41	23 35	0 14	21 59	0 55	0 51	16 9	9 46	10 3	3 49	16 58	6 29
W15	2 14	28 9	4 43	11 6	2 13	5 39	1 26	21 54	1 19	19 41	0 36	22 10	0 41	23 35	0 14	21 59	0 55	0 51	16 10	9 46	10 4	3 53	16 58	6 28
T 16	1 50	26 44	4 4	10 30	2 15	5 9	1 26	22 1	1 19	19 43	0 36	22 9	0 41	23 35	0 14	21 59	0 55	0 50	16 10	9 46	10 5	3 56	16 59	6 28
F 17	1 26	23 59	3 15	9 53	2 15	4 40	1 26	22 8	1 19	19 45	0 36	22 9	0 41	23 35	0 14	21 59	0 55	0 49	16 11	9 45	10 7	3 59	16 59	6 27
S 18	1 3	20 12	2 17	9 15	2 15	4 10	1 26	22 15	1 19	19 47	0 36	22 9	0 41	23 35	0 14	21 59	0 55	0 49	16 11	9 45	10 8	4 3	17 0	6 27
S 19	0 39	15 37	1 15	8 35	2 15	3 41	1 26	22 22	1 19	19 50	0 35	22 8	0 41	23 35	0 14	21 58	0 55	0 48	16 11	9 44	10 9	4 6	17 0	6 26
M20	0 15	10 30	0 9	7 54	2 14	3 11	1 26	22 29	1 20	19 52	0 35	22 8	0 41	23 35	0 14	21 58	0 55	0 48	16 12	9 44	10 10	4 9	17 0	6 26
T 21	0n 8	5 3	0s56	7 12	2 13	2 41	1 26	22 36	1 20	19 54	0 35	22 8	0 41	23 35	0 14	21 58	0 55	0 47	16 12	9 44	10 11	4 13	17 1	6 25
W22	0 32	0s33	1 58	6 29	2 11	2 11	1 26	22 43	1 20	19 56	0 35	22 7	0 41	23 35	0 14	21 58	0 55	0 46	16 12	9 45	10 12	4 16	17 1	6 25
T 23	0 56	6 7	2 55	5 45	2 9	1 41	1 25	22 49	1 20	19 58	0 35	22 7	0 41	23 35	0 15	21 58	0 55	0 46	16 13	9 46	10 14	4 20	17 2	6 24
F 24	1 19	11 29	3 45	5 0	2 7	1 11	1 25	22 55	1 20	20 1	0 34	22 7	0 41	23 35	0 15	21 58	0 55	0 45	16 13	9 47	10 15	4 23	17 2	6 24
S 25	1 43	16 27	4 25	4 14	2 3	0 41	1 24	23 1	1 20	20 3	0 34	22 7	0 41	23 35	0 15	21 58	0 55	0 44	16 13	9 49	10 16	4 26	17 3	6 23
S 26	2 7	20 49	4 53	3 26	2 0	0 11	1 24	23 7	1 21	20 5	0 34	22 6	0 41	23 35	0 15	21 58	0 55	0 44	16 14	9 51	10 17	4 30	17 3	6 23
M27	2 30	24 23	5 9	2 37	1 56	0n19	1 23	23 13	1 21	20 7	0 34	22 6	0 41	23 35	0 15	21 58	0 55	0 43	16 14	9 53	10 18	4 33	17 4	6 22
T 28	2 54	26 53	5 11	1 48	1 51	0 49	1 23	23 19	1 21	20 9	0 34	22 6	0 41	23 35	0 15	21 58	0 55	0 42	16 14	9 55	10 19	4 36	17 4	6 22
W29	3 17	28 7	4 59	0 57	1 46	1 20	1 22	23 24	1 21	20 12	0 34	22 6	0 41	23 35	0 15	21 58	0 55	0 42	16 15	9 56	10 20	4 40	17 5	6 21
T 30	3 40	27 54	4 31	0 6	1 40	1 50	1 21	23 29	1 21	20 14	0 33	22 5	0 41	23 35	0 15	21 57	0 55	0 41	16 15	9 56	10 22	4 43	17 5	6 21
F 31	4n 4	26s 7	3s49	0n46	1s34	2n20	1s20	23n34	1n21	20n16	0s33	22s 5	0n41	23s35	0s15	21s57	0n55	0s41	16n15	9s56	10s23	4s46	17n 5	6s20

Julian Day Number = 2447586.5, Delta T = 56.38 sec
Ecliptic obliquity = 23°26'35, Nutation = 0°00'08
Ayanamsha: Fagan/Bradley = 24°35'20, Lahiri = 23°42'20

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APRIL 1989

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 20	11♈14'26	0♒43	7♈32	10♈13	12♊37	3♊28	13♉32	5♉18	12♉20	14°R40	4♓18	3♓ 1	5♎43	1♋45	S 1
S 2	12 41 16	12°13'39	14°39	9°32	11°28	13°14	3°39	13°34	5°19	12°21	14♏39	4°20	2°58	5°49	1°47	S 2
M 3	12 45 13	13°12'49	29° 1	11°34	12°42	13°51	3°50	13°36	5°19	12°21	14°37	4°R21	2°55	5°56	1°49	M 3
T 4	12 49 9	14°11'58	13♓46	13°36	13°57	14°28	4° 1	13°38	5°19	12°21	14°36	4°21	2°52	6° 3	1°52	T 4
W 5	12 53 6	15°11'05	28°50	15°39	15°11	15° 5	4°13	13°40	5°20	12°22	14°35	4°18	2°49	6° 9	1°54	W 5
T 6	12 57 3	16°10'10	14♈ 4	17°43	16°26	15°41	4°24	13°42	5°20	12°22	14°33	4°15	2°45	6°16	1°56	T 6
F 7	13 0 59	17° 9'13	29°18	19°47	17°40	16°18	4°36	13°43	5°20	12°22	14°32	4° 9	2°42	6°23	1°59	F 7
S 8	13 4 56	18° 8'14	14♉21	21°52	18°55	16°55	4°47	13°45	5°20	12°22	14°30	4° 2	2°39	6°29	2° 2	S 8
S 9	13 8 52	19° 7'13	29° 5	23°58	20° 9	17°32	4°59	13°46	5°R20	12°23	14°29	3°55	2°36	6°36	2° 4	S 9
M10	13 12 49	20° 6'10	13♊23	26° 3	21°23	18° 9	5°11	13°47	5°20	12°23	14°27	3°49	2°33	6°43	2° 7	M10
T 11	13 16 45	21° 5'04	27°12	28° 8	22°38	18°46	5°22	13°49	5°20	12°23	14°26	3°45	2°30	6°49	2°10	T 11
W12	13 20 42	22° 3'56	10♋32	0♉12	23°52	19°23	5°34	13°50	5°20	12°23	14°24	3°42	2°26	6°56	2°13	W12
T 13	13 24 38	23° 2'46	23°26	2°16	25° 6	20° 0	5°46	13°51	5°20	12°23	14°23	3°D42	2°23	7° 3	2°16	T 13
F 14	13 28 35	24° 1'34	5♌57	4°18	26°21	20°37	5°58	13°52	5°19	12°R23	14°21	3°42	2°20	7° 9	2°19	F 14
S 15	13 32 32	25° 0'19	18°10	6°19	27°35	21°14	6°11	13°53	5°19	12°23	14°20	3°44	2°17	7°16	2°22	S 15
S 16	13 36 28	25°59'02	0♍10	8°18	28°49	21°51	6°23	13°53	5°19	12°23	14°18	3°R44	2°14	7°23	2°25	S 16
M17	13 40 25	26°57'43	12° 3	10°15	0♉ 3	22°28	6°35	13°54	5°19	12°23	14°17	3°44	2°11	7°29	2°29	M17
T 18	13 44 21	27°56'21	23°51	12° 9	1°18	23° 5	6°47	13°54	5°18	12°23	14°15	3°42	2° 7	7°36	2°32	T 18
W19	13 48 18	28°54'58	5♎39	14° 0	2°32	23°42	7° 0	13°55	5°18	12°23	14°13	3°37	2° 4	7°43	2°35	W19
T 20	13 52 14	29°53'32	17°29	15°49	3°46	24°19	7°12	13°55	5°17	12°22	14°12	3°30	2° 1	7°49	2°39	T 20
F 21	13 56 11	0♉52'05	29°24	17°33	5° 0	24°56	7°25	13°55	5°17	12°22	14°10	3°21	1°58	7°56	2°42	F 21
S 22	14 0 7	1°50'35	11♏25	19°14	6°14	25°33	7°37	13°56	5°16	12°22	14° 9	3°10	1°55	8° 3	2°46	S 22
S 23	14 4 4	2°49'04	23°33	20°52	7°28	26°10	7°50	13°R56	5°15	12°22	14° 7	2°59	1°51	8° 9	2°50	S 23
M24	14 8 1	3°47'31	5♐50	22°25	8°43	26°48	8° 3	13°56	5°15	12°21	14° 5	2°48	1°48	8°16	2°53	M24
T 25	14 11 57	4°45'57	18°17	23°54	9°57	27°25	8°15	13°55	5°14	12°21	14° 4	2°39	1°45	8°23	2°57	T 25
W26	14 15 54	5°44'21	0♑56	25°18	11°11	28° 2	8°28	13°55	5°13	12°21	14° 2	2°32	1°42	8°30	3° 1	W26
T 27	14 19 50	6°42'43	13°48	26°38	12°25	28°39	8°41	13°55	5°12	12°20	14° 0	2°27	1°39	8°36	3° 5	T 27
F 28	14 23 47	7°41'04	26°55	27°54	13°39	29°16	8°54	13°54	5°11	12°20	13°59	2°25	1°36	8°43	3° 9	F 28
S 29	14 27 43	8°39'23	10♒21	29° 5	14°53	29°53	9° 7	13°54	5°10	12°19	13°57	2°D24	1°32	8°50	3°13	S 29
S 30	14 31 40	9♉37'40	24♒ 7	0♊11	16♉ 7	0♋30	9♊20	13♉53	5♉ 9	12♉19	13♏55	2♓25	1♓29	8♎56	3♋17	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	4n27	22s49	2s53	1n40	1s27	2n50	1s19	23n39	1n21	20n19	0s33	22s 5	0n41	23s35	0s15	21s57	0n55	0s40	16n16	9s56	10s24	4s50	17n 6	6s20	S 1
S 2	4 50	18 7	1 45	2 34	1 20	3 20	1 18	23 44	1 21	20 21	0 33	22 5	0 41	23 35	0 15	21 57	0 55	0 39	16 16	9 55	10 25	4 53	17 6	6 20	S 2
M 3	5 13	12 16	0 29	3 28	1 12	3 50	1 17	23 49	1 21	20 23	0 33	22 5	0 41	23 35	0 15	21 57	0 55	0 39	16 16	9 55	10 26	4 56	17 7	6 19	M 3
T 4	5 36	5 36	0n51	4 23	1 4	4 20	1 16	23 53	1 22	20 25	0 33	22 4	0 41	23 35	0 15	21 57	0 55	0 38	16 16	9 55	10 27	5 0	17 7	6 19	T 4
W 5	5 59	1n31	2 9	5 19	0 55	4 50	1 15	23 58	1 22	20 28	0 32	22 4	0 41	23 35	0 15	21 57	0 55	0 38	16 17	9 56	10 28	5 3	17 8	6 18	W 5
T 6	6 22	8 36	3 19	6 15	0 46	5 19	1 14	24 2	1 22	20 30	0 32	22 4	0 40	23 35	0 15	21 57	0 55	0 37	16 17	9 57	10 30	5 6	17 8	6 18	T 6
F 7	6 44	15 11	4 14	7 11	0 36	5 49	1 13	24 6	1 22	20 32	0 32	22 4	0 40	23 35	0 15	21 57	0 55	0 36	16 17	9 59	10 31	5 9	17 8	6 17	F 7
S 8	7 7	20 46	4 51	8 7	0 26	6 18	1 11	24 9	1 22	20 34	0 32	22 4	0 40	23 35	0 15	21 57	0 55	0 36	16 17	10 2	10 32	5 13	17 9	6 17	S 8
S 9	7 29	24 57	5 8	9 3	0 16	6 48	1 10	24 13	1 22	20 37	0 32	22 4	0 40	23 35	0 15	21 57	0 55	0 35	16 17	10 4	10 33	5 16	17 9	6 16	S 9
M10	7 52	27 27	5 5	9 59	0 5	7 17	1 9	24 17	1 22	20 39	0 32	22 3	0 40	23 35	0 15	21 57	0 55	0 34	16 18	10 6	10 34	5 19	17 10	6 16	M10
T 11	8 14	28 8	4 44	10 54	0n 6	7 46	1 7	24 20	1 22	20 41	0 31	22 3	0 40	23 35	0 15	21 57	0 55	0 34	16 18	10 8	10 35	5 23	17 10	6 16	T 11
W12	8 36	27 8	4 8	11 48	0 17	8 15	1 6	24 23	1 22	20 43	0 31	22 3	0 40	23 35	0 15	21 57	0 55	0 33	16 18	10 9	10 36	5 26	17 10	6 15	W12
T 13	8 58	24 42	3 20	12 42	0 28	8 43	1 4	24 26	1 22	20 46	0 31	22 3	0 40	23 35	0 15	21 57	0 55	0 33	16 18	10 9	10 38	5 29	17 11	6 15	T 13
F 14	9 19	21 7	2 24	13 34	0 39	9 12	1 3	24 29	1 22	20 48	0 31	22 3	0 40	23 35	0 15	21 57	0 55	0 32	16 18	10 9	10 39	5 33	17 11	6 14	F 14
S 15	9 41	16 42	1 23	14 25	0 50	9 40	1 1	24 31	1 22	20 50	0 31	22 3	0 40	23 35	0 15	21 57	0 55	0 32	16 19	10 9	10 40	5 36	17 12	6 14	S 15
S 16	10 2	11 43	0 19	15 14	1 1	10 8	0 59	24 34	1 22	20 52	0 31	22 3	0 40	23 35	0 15	21 57	0 55	0 31	16 19	10 8	10 41	5 39	17 12	6 13	S 16
M17	10 24	6 22	0s45	16 2	1 12	10 36	0 58	24 36	1 22	20 55	0 31	22 3	0 40	23 35	0 15	21 57	0 55	0 30	16 19	10 8	10 42	5 43	17 12	6 13	M17
T 18	10 45	0 49	1 46	16 47	1 22	11 3	0 56	24 38	1 22	20 57	0 30	22 3	0 40	23 35	0 15	21 57	0 55	0 30	16 19	10 9	10 43	5 46	17 13	6 13	T 18
W19	11 5	4s44	2 43	17 31	1 32	11 31	0 54	24 40	1 22	20 59	0 30	22 3	0 40	23 35	0 15	21 57	0 55	0 29	16 19	10 11	10 44	5 49	17 13	6 12	W19
T 20	11 26	10 8	3 32	18 12	1 42	11 58	0 52	24 41	1 22	21 1	0 30	22 3	0 40	23 35	0 15	21 57	0 56	0 29	16 19	10 13	10 46	5 52	17 13	6 12	T 20
F 21	11 47	15 12	4 13	18 51	1 51	12 24	0 50	24 43	1 22	21 3	0 30	22 3	0 40	23 35	0 15	21 57	0 56	0 28	16 19	10 17	10 47	5 56	17 14	6 11	F 21
S 22	12 7	19 44	4 42	19 27	2 0	12 51	0 48	24 44	1 22	21 6	0 30	22 3	0 40	23 35	0 15	21 57	0 56	0 28	16 19	10 21	10 48	5 59	17 14	6 11	S 22
S 23	12 27	23 30	5 0	20 1	2 7	13 17	0 46	24 45	1 22	21 8	0 30	22 3	0 40	23 35	0 15	21 57	0 56	0 27	16 19	10 25	10 49	6 2	17 14	6 11	S 23
M24	12 47	26 15	5 3	20 33	2 15	13 43	0 44	24 46	1 22	21 10	0 30	22 3	0 40	23 36	0 15	21 57	0 56	0 27	16 19	10 29	10 50	6 6	17 14	6 10	M24
T 25	13 7	27 47	4 53	21 2	2 21	14 8	0 42	24 47	1 22	21 12	0 29	22 3	0 40	23 36	0 15	21 57	0 56	0 26	16 20	10 32	10 51	6 9	17 15	6 10	T 25
W26	13 26	27 54	4 28	21 28	2 27	14 33	0 40	24 48	1 22	21 14	0 29	22 3	0 40	23 36	0 15	21 57	0 56	0 26	16 20	10 34	10 52	6 12	17 15	6 10	W26
T 27	13 45	26 31	3 49	21 52	2 31	14 58	0 38	24 48	1 22	21 16	0 29	22 3	0 40	23 36	0 15	21 57	0 56	0 25	16 20	10 36	10 53	6 16	17 15	6 9	T 27
F 28	14 5	23 40	2 57	22 13	2 35	15 22	0 36	24 49	1 22	21 19	0 29	22 3	0 40	23 36	0 15	21 57	0 56	0 25	16 20	10 37	10 55	6 19	17 16	6 9	F 28
S 29	14 23	19 29	1 55	22 32	2 38	15 46	0 34	24 49	1 22	21 21	0 29	22 3	0 40	23 36	0 15	21 57	0 56	0 24	16 20	10 37	10 56	6 22	17 16	6 8	S 29
S 30	14n42	14s10	0s44	22n48	2n40	16n10	0s31	24n49	1n22	21n23	0s29	22s 3	0n40	23s36	0s15	21s57	0n56	0s24	16n20	10s37	10s57	6s25	17n16	6s 8	S 30

Julian Day Number = 2447617.5, Delta T = 56.43 sec
Ecliptic obliquity = 23°26'35, Nutation = 0°00'07
Ayanamsha: Fagan/Bradley = 24°35'25, Lahiri = 23°42'25

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MAY 1989

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 35 36	10♉35'56	8♓15	1♊12	17♉21	1♋ 7	9♊33	13°R53	5°R 8	12°R18	13°R54	2°R25	1♓26	9♎ 3	3♋21	M 1
T 2	14 39 33	11°34'11	22°44	2° 9	18°35	1°44	9°46	13♑52	5♑ 7	12♑18	13♏52	2♓23	1°23	9°10	3°25	T 2
W 3	14 43 30	12°32'24	7♈31	3° 0	19°49	2°21	9°59	13°51	5° 6	12°17	13°50	2°19	1°20	9°16	3°30	W 3
T 4	14 47 26	13°30'35	22°31	3°46	21° 3	2°58	10°12	13°50	5° 5	12°17	13°48	2°13	1°16	9°23	3°34	T 4
F 5	14 51 23	14°28'45	7♉35	4°27	22°17	3°35	10°26	13°49	5° 4	12°16	13°47	2° 4	1°13	9°30	3°38	F 5
S 6	14 55 19	15°26'53	22°34	5° 3	23°31	4°13	10°39	13°47	5° 2	12°15	13°45	1°54	1°10	9°36	3°43	S 6
S 7	14 59 16	16°25'00	7♊18	5°34	24°45	4°50	10°52	13°46	5° 1	12°15	13°43	1°43	1° 7	9°43	3°47	S 7
M 8	15 3 12	17°23'05	21°39	6° 0	25°59	5°27	11° 6	13°45	5° 0	12°14	13°42	1°33	1° 4	9°50	3°52	M 8
T 9	15 7 9	18°21'08	5♋33	6°20	27°12	6° 4	11°19	13°43	4°58	12°13	13°40	1°25	1° 1	9°56	3°56	T 9
W10	15 11 5	19°19'10	18°58	6°36	28°26	6°41	11°32	13°42	4°57	12°12	13°38	1°19	0°57	10° 3	4° 1	W10
T 11	15 15 2	20°17'09	1♌56	6°46	29°40	7°18	11°46	13°40	4°56	12°12	13°37	1°16	0°54	10°10	4° 6	T 11
F 12	15 18 59	21°15'07	14°29	6°R51	0♊54	7°55	11°59	13°38	4°54	12°11	13°35	1°15	0°51	10°16	4°11	F 12
S 13	15 22 55	22°13'02	26°44	6°51	2° 8	8°33	12°13	13°36	4°52	12°10	13°33	1°15	0°48	10°23	4°15	S 13
S 14	15 26 52	23°10'56	8♍44	6°46	3°22	9°10	12°26	13°34	4°51	12° 9	13°32	1°15	0°45	10°30	4°20	S 14
M15	15 30 48	24° 8'48	20°36	6°36	4°35	9°47	12°40	13°32	4°49	12° 8	13°30	1°14	0°42	10°36	4°25	M15
T 16	15 34 45	25° 6'39	2♎24	6°22	5°49	10°24	12°54	13°30	4°48	12° 7	13°28	1°11	0°38	10°43	4°30	T 16
W17	15 38 41	26° 4'27	14°13	6° 4	7° 3	11° 1	13° 7	13°28	4°46	12° 6	13°27	1° 5	0°35	10°50	4°35	W17
T 18	15 42 38	27° 2'14	26° 7	5°43	8°16	11°38	13°21	13°26	4°44	12° 5	13°25	0°56	0°32	10°56	4°40	T 18
F 19	15 46 34	28° 0'00	8♏ 8	5°18	9°30	12°16	13°35	13°23	4°42	12° 4	13°23	0°45	0°29	11° 3	4°45	F 19
S 20	15 50 31	28°57'44	20°18	4°50	10°44	12°53	13°48	13°21	4°41	12° 3	13°22	0°32	0°26	11°10	4°50	S 20
S 21	15 54 28	29°55'27	2♐40	4°19	11°57	13°30	14° 2	13°18	4°39	12° 2	13°20	0°19	0°22	11°16	4°55	S 21
M22	15 58 24	0♊53'09	15°12	3°47	13°11	14° 7	14°16	13°16	4°37	12° 1	13°19	0° 6	0°19	11°23	5° 0	M22
T 23	16 2 21	1°50'49	27°55	3°13	14°25	14°44	14°30	13°13	4°35	12° 0	13°17	29♒54	0°16	11°30	5° 6	T 23
W24	16 6 17	2°48'28	10♑49	2°39	15°38	15°21	14°43	13°10	4°33	11°59	13°16	29°45	0°13	11°36	5°11	W24
T 25	16 10 14	3°46'06	23°55	2° 5	16°52	15°59	14°57	13° 8	4°31	11°57	13°14	29°39	0°10	11°43	5°16	T 25
F 26	16 14 10	4°43'43	7♒13	1°31	18° 5	16°36	15°11	13° 5	4°29	11°56	13°12	29°36	0° 7	11°50	5°21	F 26
S 27	16 18 7	5°41'19	20°44	0°59	19°19	17°13	15°25	13° 2	4°27	11°55	13°11	29°34	0° 3	11°56	5°27	S 27
S 28	16 22 3	6°38'54	4♓29	0°28	20°33	17°50	15°39	12°59	4°25	11°54	13° 9	29°34	0° 0	12° 3	5°32	S 28
M29	16 26 0	7°36'29	18°29	29♉59	21°46	18°27	15°52	12°55	4°23	11°52	13° 8	29°34	29♒57	12°10	5°38	M29
T 30	16 29 57	8°34'02	2♈44	29°32	23° 0	19° 5	16° 6	12°52	4°21	11°51	13° 6	29°33	29°54	12°17	5°43	T 30
W31	16 33 53	9♊31'35	17♈12	29♉ 9	24♊13	19♋42	16♊20	12♑49	4♑19	11♑50	13♏ 5	29♒29	29♒51	12♎23	5♋49	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	15n 0	8s 0	0n31	23n 2	2n41	16n33	0s29	24n48	1n22	21n25	0s29	22s 3	0n40	23s36	0s15	21s57	0n56	0s23	16n20	10s37	10s58	6s29	17n16	6s 8
T 2	15 18	1 16	1 46	23 13	2 41	16 56	0 27	24 48	1 22	21 27	0 28	22 3	0 40	23 36	0 15	21 57	0 56	0 23	16 20	10 38	10 59	6 32	17 17	6 7
W 3	15 36	5n40	2 55	23 22	2 40	17 18	0 25	24 47	1 22	21 29	0 28	22 3	0 40	23 36	0 15	21 57	0 56	0 22	16 20	10 39	11 0	6 35	17 17	6 7
T 4	15 54	12 22	3 53	23 29	2 38	17 40	0 22	24 47	1 22	21 31	0 28	22 4	0 40	23 36	0 15	21 57	0 56	0 22	16 20	10 41	11 1	6 38	17 17	6 7
F 5	16 11	18 22	4 35	23 34	2 34	18 1	0 20	24 46	1 22	21 33	0 28	22 4	0 40	23 36	0 15	21 57	0 56	0 22	16 20	10 44	11 3	6 42	17 17	6 6
S 6	16 28	23 12	4 58	23 36	2 30	18 22	0 18	24 44	1 22	21 35	0 28	22 4	0 40	23 36	0 15	21 57	0 56	0 21	16 20	10 48	11 4	6 45	17 17	6 6
S 7	16 45	26 28	5 0	23 36	2 24	18 43	0 15	24 43	1 22	21 37	0 28	22 4	0 40	23 36	0 15	21 57	0 56	0 21	16 19	10 52	11 5	6 48	17 18	6 6
M 8	17 1	27 54	4 44	23 34	2 18	19 3	0 13	24 42	1 22	21 39	0 28	22 4	0 40	23 36	0 15	21 57	0 56	0 20	16 19	10 55	11 6	6 52	17 18	6 6
T 9	17 18	27 30	4 10	23 30	2 10	19 22	0 10	24 40	1 22	21 41	0 28	22 4	0 40	23 36	0 16	21 57	0 56	0 20	16 19	10 58	11 7	6 55	17 18	6 5
W10	17 34	25 28	3 24	23 24	2 1	19 41	0 8	24 38	1 22	21 43	0 28	22 4	0 40	23 37	0 16	21 57	0 56	0 20	16 19	11 0	11 8	6 58	17 18	6 5
T 11	17 49	22 9	2 29	23 16	1 51	20 0	0 6	24 36	1 22	21 45	0 27	22 5	0 40	23 37	0 16	21 57	0 56	0 19	16 19	11 1	11 9	7 1	17 18	6 5
F 12	18 5	17 53	1 28	23 6	1 40	20 17	0 3	24 34	1 21	21 47	0 27	22 5	0 40	23 37	0 16	21 57	0 56	0 19	16 19	11 2	11 10	7 5	17 18	6 4
S 13	18 20	12 59	0 24	22 54	1 28	20 35	0 1	24 31	1 21	21 49	0 27	22 5	0 40	23 37	0 16	21 57	0 56	0 18	16 19	11 2	11 12	7 8	17 19	6 4
S 14	18 34	7 41	0s40	22 40	1 14	20 51	0n 2	24 29	1 21	21 51	0 27	22 5	0 40	23 37	0 16	21 58	0 56	0 18	16 19	11 2	11 13	7 11	17 19	6 4
M15	18 49	2 11	1 41	22 24	1 0	21 8	0 4	24 26	1 21	21 52	0 27	22 6	0 40	23 37	0 16	21 58	0 56	0 18	16 19	11 2	11 14	7 14	17 19	6 4
T 16	19 3	3s21	2 37	22 7	0 45	21 23	0 7	24 23	1 21	21 54	0 27	22 6	0 40	23 37	0 16	21 58	0 56	0 18	16 18	11 3	11 15	7 18	17 19	6 3
W17	19 17	8 47	3 26	21 49	0 30	21 38	0 9	24 20	1 21	21 56	0 27	22 6	0 40	23 37	0 16	21 58	0 56	0 17	16 18	11 6	11 16	7 21	17 19	6 3
T 18	19 30	13 55	4 7	21 29	0 13	21 53	0 11	24 17	1 21	21 58	0 27	22 6	0 40	23 37	0 16	21 58	0 56	0 17	16 18	11 9	11 17	7 24	17 19	6 3
F 19	19 43	18 35	4 37	21 8	0s 4	22 7	0 14	24 13	1 21	22 0	0 26	22 7	0 40	23 37	0 16	21 58	0 56	0 17	16 18	11 13	11 18	7 27	17 19	6 3
S 20	19 56	22 34	4 55	20 46	0 21	22 20	0 16	24 10	1 21	22 1	0 26	22 7	0 40	23 37	0 16	21 58	0 56	0 16	16 18	11 17	11 19	7 31	17 19	6 2
S 21	20 8	25 35	4 59	20 23	0 38	22 32	0 19	24 6	1 21	22 3	0 26	22 7	0 40	23 37	0 16	21 58	0 56	0 16	16 18	11 22	11 20	7 34	17 19	6 2
M22	20 20	27 25	4 50	20 0	0 56	22 44	0 21	24 2	1 21	22 5	0 26	22 7	0 40	23 37	0 16	21 58	0 56	0 16	16 17	11 26	11 22	7 37	17 19	6 2
T 23	20 32	27 51	4 25	19 36	1 13	22 55	0 24	23 58	1 20	22 7	0 26	22 8	0 40	23 38	0 16	21 58	0 56	0 16	16 17	11 30	11 23	7 40	17 19	6 2
W24	20 43	26 46	3 47	19 13	1 31	23 6	0 26	23 53	1 20	22 8	0 26	22 8	0 40	23 38	0 16	21 58	0 56	0 15	16 17	11 34	11 24	7 44	17 19	6 2
T 25	20 54	24 13	2 56	18 49	1 48	23 16	0 28	23 49	1 20	22 10	0 26	22 8	0 40	23 38	0 16	21 58	0 56	0 15	16 17	11 36	11 25	7 47	17 19	6 1
F 26	21 5	20 20	1 55	18 27	2 4	23 25	0 31	23 44	1 20	22 12	0 26	22 9	0 40	23 38	0 16	21 59	0 56	0 15	16 16	11 37	11 26	7 50	17 19	6 1
S 27	21 15	15 19	0 47	18 5	2 20	23 34	0 33	23 39	1 20	22 13	0 26	22 9	0 39	23 38	0 16	21 59	0 56	0 15	16 16	11 37	11 27	7 53	17 19	6 1
S 28	21 25	9 28	0n26	17 44	2 34	23 42	0 36	23 34	1 20	22 15	0 26	22 9	0 39	23 38	0 16	21 59	0 56	0 15	16 16	11 37	11 28	7 56	17 19	6 1
M29	21 35	3 3	1 38	17 24	2 48	23 49	0 38	23 29	1 20	22 16	0 25	22 10	0 39	23 38	0 16	21 59	0 56	0 15	16 16	11 38	11 29	8 0	17 19	6 1
T 30	21 44	3n37	2 46	17 6	3 1	23 56	0 40	23 24	1 20	22 18	0 25	22 10	0 39	23 38	0 16	21 59	0 56	0 14	16 15	11 38	11 31	8 3	17 19	6 0
W31	21n53	10n12	3n44	16n50	3s13	24n 1	0n42	23n18	1n20	22n19	0s25	22s10	0n39	23s38	0s16	21s59	0n56	0s14	16n15	11s39	11s32	8s 6	17n19	6s 0

Julian Day Number = 2447647.5, Delta T = 56.47 sec
Ecliptic obliquity = 23°26'35, Nutation = 0°00'07
Ayanamsha: Fagan/Bradley = 24°35'29, Lahiri = 23°42'29

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JUNE 1989

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 50	10♊29'06	1♉51	28°R49	25♊27	20♋19	16♊34	12°R46	4°R17	11°R49	13°R 3	29°R22	29♒48	12♎30	5♋54	T 1
F 2	16 41 46	11°26'37	16°33	28♉33	26°40	20°56	16°48	12♉42	4♉15	11♉47	13♏ 2	29♒13	29°44	12°37	6° 0	F 2
S 3	16 45 43	12°24'08	1♊12	28°21	27°54	21°33	17° 2	12°39	4°12	11°46	13° 1	29° 3	29°41	12°43	6° 5	S 3
S 4	16 49 39	13°21'37	15°40	28°13	29° 7	22°11	17°16	12°35	4°10	11°45	12°59	28°52	29°38	12°50	6°11	S 4
M 5	16 53 36	14°19'05	29°50	28°D10	0♋21	22°48	17°30	12°32	4° 8	11°43	12°58	28°41	29°35	12°57	6°16	M 5
T 6	16 57 32	15°16'33	13♋38	28°10	1°34	23°25	17°44	12°28	4° 6	11°42	12°56	28°33	29°32	13° 3	6°22	T 6
W 7	17 1 29	16°13'59	27° 1	28°16	2°47	24° 2	17°58	12°24	4° 3	11°40	12°55	28°27	29°28	13°10	6°28	W 7
T 8	17 5 26	17°11'24	9♌58	28°25	4° 1	24°40	18°11	12°21	4° 1	11°39	12°54	28°23	29°25	13°17	6°33	T 8
F 9	17 9 22	18° 8'48	22°34	28°39	5°14	25°17	18°25	12°17	3°59	11°38	12°52	28°22	29°22	13°23	6°39	F 9
S 10	17 13 19	19° 6'11	4♍50	28°58	6°27	25°54	18°39	12°13	3°56	11°36	12°51	28°D22	29°19	13°30	6°45	S 10
S 11	17 17 15	20° 3'33	16°52	29°21	7°41	26°32	18°53	12° 9	3°54	11°35	12°50	28°R22	29°16	13°37	6°51	S 11
M12	17 21 12	21° 0'54	28°45	29°49	8°54	27° 9	19° 7	12° 5	3°52	11°33	12°49	28°22	29°13	13°43	6°56	M12
T 13	17 25 8	21°58'14	10♎35	0♊20	10° 7	27°46	19°21	12° 1	3°49	11°32	12°47	28°20	29° 9	13°50	7° 2	T 13
W14	17 29 5	22°55'33	22°27	0°57	11°21	28°23	19°35	11°57	3°47	11°30	12°46	28°16	29° 6	13°57	7° 8	W14
T 15	17 33 1	23°52'51	4♏25	1°37	12°34	29° 1	19°49	11°53	3°45	11°29	12°45	28°10	29° 3	14° 3	7°14	T 15
F 16	17 36 58	24°50'08	16°32	2°21	13°47	29°38	20° 3	11°49	3°42	11°27	12°44	28° 2	29° 0	14°10	7°20	F 16
S 17	17 40 55	25°47'25	28°51	3° 9	15° 0	0♌15	20°17	11°45	3°40	11°26	12°43	27°52	28°57	14°17	7°26	S 17
S 18	17 44 51	26°44'41	11♐25	4° 2	16°14	0°53	20°30	11°41	3°37	11°24	12°42	27°41	28°54	14°24	7°32	S 18
M19	17 48 48	27°41'56	24°13	4°58	17°27	1°30	20°44	11°36	3°35	11°22	12°41	27°31	28°50	14°30	7°37	M19
T 20	17 52 44	28°39'11	7♑16	5°58	18°40	2° 7	20°58	11°32	3°33	11°21	12°40	27°21	28°47	14°37	7°43	T 20
W21	17 56 41	29°36'26	20°31	7° 2	19°53	2°45	21°12	11°28	3°30	11°19	12°39	27°14	28°44	14°44	7°49	W21
T 22	18 0 37	0♋33'40	3♒58	8° 9	21° 6	3°22	21°26	11°24	3°28	11°18	12°38	27°10	28°41	14°50	7°55	T 22
F 23	18 4 34	1°30'54	17°36	9°20	22°19	3°59	21°39	11°19	3°25	11°16	12°37	27° 8	28°38	14°57	8° 1	F 23
S 24	18 8 31	2°28'07	1♓23	10°35	23°32	4°37	21°53	11°15	3°23	11°15	12°36	27°D 7	28°34	15° 4	8° 7	S 24
S 25	18 12 27	3°25'21	15°18	11°53	24°46	5°14	22° 7	11°11	3°20	11°13	12°35	27° 8	28°31	15°10	8°13	S 25
M26	18 16 24	4°22'34	29°21	13°15	25°59	5°51	22°21	11° 6	3°18	11°11	12°34	27°R 9	28°28	15°17	8°19	M26
T 27	18 20 20	5°19'47	13♈31	14°40	27°12	6°29	22°34	11° 2	3°16	11°10	12°33	27° 9	28°25	15°24	8°25	T 27
W28	18 24 17	6°17'01	27°46	16° 9	28°25	7° 6	22°48	10°57	3°13	11° 8	12°32	27° 7	28°22	15°30	8°31	W28
T 29	18 28 13	7°14'14	12♉ 4	17°41	29°38	7°43	23° 2	10°53	3°11	11° 7	12°32	27° 3	28°19	15°37	8°37	T 29
F 30	18 32 10	8♋11'28	26♉21	19♊17	0♌51	8♌21	23♊15	10♑49	3♑ 8	11♑ 5	12♏31	26♒57	28♒15	15♎44	8♋43	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	22n 1	16n18	4n27	16n35	3s24	24n 7	0n45	23n13	1n19	22n21	0s25	22s11	0n39	23s38	0s16	21s59	0n56	0s14	16n15	11s42	11s33	8s 9	17n19	6s	0
F 2	22 9	21 28	4 54	16 23	3 33	24 11	0 47	23 7	1 19	22 22	0 25	22 11	0 39	23 38	0 16	21 59	0 56	0 14	16 14	11 45	11 34	8 13	17 19	6	0
S 3	22 17	25 18	5 1	16 12	3 41	24 15	0 49	23 1	1 19	22 24	0 25	22 11	0 39	23 38	0 16	21 59	0 56	0 14	16 14	11 48	11 35	8 16	17 19	6	0
S 4	22 24	27 27	4 48	16 3	3 48	24 18	0 51	22 55	1 19	22 25	0 25	22 12	0 39	23 39	0 16	21 59	0 56	0 14	16 14	11 52	11 36	8 19	17 19	6	0
M 5	22 31	27 45	4 18	15 57	3 54	24 20	0 53	22 49	1 19	22 27	0 25	22 12	0 39	23 39	0 16	22 0	0 56	0 14	16 13	11 56	11 37	8 22	17 18	6	0
T 6	22 38	26 17	3 34	15 53	3 59	24 22	0 56	22 42	1 19	22 28	0 25	22 13	0 39	23 39	0 16	22 0	0 56	0 14	16 13	11 59	11 38	8 25	17 18	5	59
W 7	22 44	23 21	2 38	15 50	4 2	24 22	0 58	22 36	1 19	22 29	0 25	22 13	0 39	23 39	0 16	22 0	0 56	0 14	16 13	12 1	11 39	8 29	17 18	5	59
T 8	22 50	19 18	1 36	15 50	4 4	24 23	1 0	22 29	1 18	22 31	0 24	22 13	0 39	23 39	0 16	22 0	0 56	0 14	16 12	12 2	11 41	8 32	17 18	5	59
F 9	22 55	14 29	0 31	15 52	4 5	24 22	1 2	22 22	1 18	22 32	0 24	22 14	0 39	23 39	0 16	22 0	0 56	0 14	16 12	12 3	11 42	8 35	17 18	5	59
S 10	23 0	9 12	0s34	15 56	4 5	24 21	1 4	22 15	1 18	22 33	0 24	22 14	0 39	23 39	0 16	22 0	0 56	0 14	16 12	12 3	11 43	8 38	17 18	5	59
S 11	23 4	3 42	1 37	16 2	4 4	24 19	1 6	22 8	1 18	22 35	0 24	22 15	0 39	23 39	0 16	22 0	0 56	0 14	16 11	12 3	11 44	8 41	17 17	5	59
M12	23 8	1s52	2 34	16 10	4 2	24 16	1 8	22 0	1 18	22 36	0 24	22 15	0 39	23 39	0 16	22 0	0 56	0 14	16 11	12 3	11 45	8 45	17 17	5	59
T 13	23 12	7 20	3 25	16 19	4 0	24 13	1 9	21 53	1 18	22 37	0 24	22 15	0 39	23 39	0 16	22 1	0 56	0 14	16 10	12 3	11 46	8 48	17 17	5	59
W14	23 15	12 33	4 7	16 30	3 56	24 8	1 11	21 45	1 17	22 38	0 24	22 16	0 39	23 39	0 16	22 1	0 56	0 14	16 10	12 5	11 47	8 51	17 17	5	59
T 15	23 18	17 21	4 38	16 43	3 51	24 4	1 13	21 37	1 17	22 39	0 24	22 16	0 39	23 39	0 16	22 1	0 56	0 14	16 10	12 7	11 48	8 54	17 17	5	59
F 16	23 21	21 32	4 57	16 57	3 46	23 58	1 15	21 29	1 17	22 40	0 24	22 17	0 38	23 40	0 16	22 1	0 56	0 14	16 9	12 10	11 49	8 57	17 16	5	59
S 17	23 23	24 50	5 3	17 12	3 40	23 52	1 16	21 21	1 17	22 42	0 24	22 17	0 38	23 40	0 16	22 1	0 56	0 14	16 9	12 13	11 51	9 0	17 16	5	59
S 18	23 24	27 1	4 55	17 28	3 33	23 45	1 18	21 13	1 17	22 43	0 24	22 18	0 38	23 40	0 16	22 1	0 56	0 14	16 8	12 17	11 52	9 4	17 16	5	59
M19	23 25	27 50	4 32	17 46	3 25	23 37	1 19	21 4	1 17	22 44	0 23	22 18	0 38	23 40	0 16	22 1	0 56	0 14	16 8	12 20	11 53	9 7	17 15	5	58
T 20	23 26	27 8	3 54	18 4	3 17	23 29	1 21	20 56	1 16	22 45	0 23	22 18	0 38	23 40	0 16	22 1	0 56	0 14	16 8	12 23	11 54	9 10	17 15	5	58
W21	23 27	24 53	3 3	18 24	3 8	23 20	1 22	20 47	1 16	22 46	0 23	22 19	0 38	23 40	0 16	22 2	0 56	0 14	16 7	12 26	11 55	9 13	17 15	5	58
T 22	23 26	21 13	2 1	18 44	2 59	23 10	1 24	20 38	1 16	22 47	0 23	22 19	0 38	23 40	0 16	22 2	0 56	0 15	16 7	12 27	11 56	9 16	17 15	5	58
F 23	23 26	16 22	0 51	19 4	2 49	23 0	1 25	20 29	1 16	22 48	0 23	22 20	0 38	23 40	0 16	22 2	0 56	0 15	16 6	12 28	11 57	9 19	17 14	5	58
S 24	23 25	10 38	0n23	19 25	2 39	22 49	1 26	20 20	1 16	22 49	0 23	22 20	0 38	23 40	0 16	22 2	0 56	0 15	16 6	12 28	11 58	9 23	17 14	5	58
S 25	23 24	4 19	1 36	19 46	2 28	22 37	1 28	20 11	1 15	22 50	0 23	22 21	0 38	23 40	0 16	22 2	0 56	0 15	16 5	12 28	11 59	9 26	17 14	5	58
M26	23 22	2n15	2 44	20 7	2 17	22 24	1 29	20 2	1 15	22 50	0 23	22 21	0 38	23 40	0 16	22 2	0 56	0 15	16 5	12 28	12 0	9 29	17 13	5	58
T 27	23 20	8 45	3 43	20 29	2 6	22 11	1 30	19 52	1 15	22 51	0 23	22 22	0 38	23 40	0 16	22 2	0 56	0 16	16 4	12 28	12 2	9 32	17 13	5	58
W28	23 18	14 51	4 28	20 50	1 54	21 58	1 31	19 42	1 15	22 52	0 23	22 22	0 38	23 40	0 16	22 3	0 56	0 16	16 4	12 29	12 3	9 35	17 12	5	58
T 29	23 15	20 10	4 57	21 10	1 42	21 44	1 32	19 33	1 15	22 53	0 23	22 22	0 38	23 41	0 16	22 3	0 56	0 16	16 3	12 30	12 4	9 38	17 12	5	59
F 30	23n11	24n19	5n 7	21n31	1s30	21n29	1n33	19n23	1n14	22n54	0s23	22s23	0n37	23s41	0s16	22s 3	0n56	0s16	16n 3	12s32	12s 5	9s42	17n12	5	s59

Julian Day Number = 2447678.5, Delta T = 56.51 sec
Ecliptic obliquity = 23°26'34, Nutation = 0°00'07
Ayanamsha: Fagan/Bradley = 24°35'33, Lahiri = 23°42'33

created from Swiss Ephemeris, Copyright Astrodienst AG [14.2.2018]

JULY 1989

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 6	9♋ 8'42	10♊34	20♊55	2♌ 4	8♌58	23♊29	10°R44	3°R 6	11°R 3	12°R30	26°R50	28♒12	15♎50	8♋49	S 1
S 2	18 40 3	10° 5'56	24°37	22°37	3°17	9°36	23°43	10♑40	3♑ 3	11♑ 2	12♏29	26♒42	28° 9	15°57	8°55	S 2
M 3	18 44 0	11° 3'10	8♋25	24°22	4°30	10°13	23°56	10°35	3° 1	11° 0	12°29	26°35	28° 6	16° 4	9° 1	M 3
T 4	18 47 56	12° 0'24	21°56	26°11	5°42	10°50	24°10	10°31	2°59	10°58	12°28	26°30	28° 3	16°11	9° 7	T 4
W 5	18 51 53	12°57'38	5♌ 7	28° 2	6°55	11°28	24°23	10°26	2°56	10°57	12°27	26°26	28° 0	16°17	9°13	W 5
T 6	18 55 49	13°54'51	17°57	29°56	8° 8	12° 5	24°37	10°22	2°54	10°55	12°27	26°24	27°56	16°24	9°19	T 6
F 7	18 59 46	14°52'05	0♍29	1♋52	9°21	12°43	24°50	10°18	2°51	10°54	12°26	26°D23	27°53	16°31	9°25	F 7
S 8	19 3 42	15°49'18	12°44	3°51	10°34	13°20	25° 4	10°13	2°49	10°52	12°26	26°24	27°50	16°37	9°31	S 8
S 9	19 7 39	16°46'31	24°47	5°52	11°47	13°58	25°17	10° 9	2°47	10°50	12°25	26°26	27°47	16°44	9°37	S 9
M10	19 11 35	17°43'44	6♎41	7°55	12°59	14°35	25°30	10° 4	2°44	10°49	12°25	26°27	27°44	16°51	9°43	M10
T 11	19 15 32	18°40'57	18°32	10° 0	14°12	15°13	25°44	10° 0	2°42	10°47	12°24	26°R28	27°40	16°57	9°49	T 11
W12	19 19 29	19°38'10	0♏25	12° 6	15°25	15°50	25°57	9°56	2°40	10°45	12°24	26°27	27°37	17° 4	9°55	W12
T 13	19 23 25	20°35'22	12°25	14°14	16°38	16°28	26°10	9°51	2°37	10°44	12°24	26°25	27°34	17°11	10° 1	T 13
F 14	19 27 22	21°32'35	24°35	16°22	17°50	17° 5	26°23	9°47	2°35	10°42	12°23	26°21	27°31	17°17	10° 7	F 14
S 15	19 31 18	22°29'48	7♐ 1	18°31	19° 3	17°43	26°36	9°43	2°33	10°41	12°23	26°17	27°28	17°24	10°13	S 15
S 16	19 35 15	23°27'02	19°43	20°40	20°16	18°20	26°50	9°38	2°31	10°39	12°23	26°12	27°25	17°31	10°19	S 16
M17	19 39 11	24°24'15	2♑44	22°49	21°28	18°58	27° 3	9°34	2°28	10°38	12°23	26° 6	27°21	17°38	10°24	M17
T 18	19 43 8	25°21'29	16° 3	24°57	22°41	19°36	27°16	9°30	2°26	10°36	12°22	26° 2	27°18	17°44	10°30	T 18
W19	19 47 5	26°18'43	29°40	27° 5	23°53	20°13	27°29	9°26	2°24	10°34	12°22	25°59	27°15	17°51	10°36	W19
T 20	19 51 1	27°15'57	13♒31	29°12	25° 6	20°51	27°42	9°22	2°22	10°33	12°22	25°57	27°12	17°58	10°42	T 20
F 21	19 54 58	28°13'12	27°35	1♌18	26°18	21°28	27°54	9°18	2°20	10°31	12°22	25°D56	27° 9	18° 4	10°48	F 21
S 22	19 58 54	29°10'28	11♓46	3°23	27°31	22° 6	28° 7	9°14	2°18	10°30	12°22	25°57	27° 6	18°11	10°54	S 22
S 23	20 2 51	0♌ 7'44	26° 2	5°27	28°43	22°44	28°20	9°10	2°16	10°28	12°D22	25°58	27° 2	18°18	11° 0	S 23
M24	20 6 47	1° 5'01	10♈19	7°30	29°55	23°21	28°33	9° 6	2°14	10°27	12°22	25°59	26°59	18°24	11° 5	M24
T 25	20 10 44	2° 2'20	24°34	9°31	1♍ 8	23°59	28°45	9° 2	2°12	10°25	12°22	26° 0	26°56	18°31	11°11	T 25
W26	20 14 40	2°59'39	8♉46	11°30	2°20	24°37	28°58	8°58	2°10	10°24	12°22	26°R 0	26°53	18°38	11°17	W26
T 27	20 18 37	3°56'59	22°52	13°28	3°32	25°14	29°10	8°54	2° 8	10°22	12°22	25°59	26°50	18°44	11°23	T 27
F 28	20 22 34	4°54'20	6♊49	15°25	4°45	25°52	29°23	8°50	2° 6	10°21	12°22	25°58	26°46	18°51	11°28	F 28
S 29	20 26 30	5°51'42	20°37	17°19	5°57	26°30	29°35	8°47	2° 4	10°20	12°23	25°55	26°43	18°58	11°34	S 29
S 30	20 30 27	6°49'05	4♋13	19°12	7° 9	27° 7	29°48	8°43	2° 2	10°18	12°23	25°52	26°40	19° 5	11°40	S 30
M31	20 34 23	7♌46'30	17♋35	21♌ 4	8♍21	27♌45	0♋ 0	8♑39	2♑ 0	10♑17	12♏23	25♒50	26♒37	19♎11	11♋45	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	23n 8	26n57	4n58	21n50	1s18	21n13	1n34	19n13	1n14	22n54	0s22	22s23	0n37	23s41	0s16	22s 3	0n56	0s17	16n 2	12s34	12s 6	9s45	17n11	5s59
S 2	23 4	27 52	4 32	22 9	1 6	20 57	1 34	19 2	1 14	22 55	0 22	22 24	0 37	23 41	0 16	22 3	0 56	0 17	16 2	12 37	12 7	9 48	17 11	5 59
M 3	22 59	27 0	3 50	22 26	0 54	20 41	1 35	18 52	1 14	22 56	0 22	22 24	0 37	23 41	0 16	22 3	0 56	0 17	16 1	12 39	12 8	9 51	17 10	5 59
T 4	22 54	24 32	2 55	22 42	0 41	20 24	1 36	18 42	1 14	22 57	0 22	22 25	0 37	23 41	0 16	22 3	0 56	0 18	16 1	12 41	12 9	9 54	17 10	5 59
W 5	22 49	20 49	1 53	22 57	0 29	20 6	1 36	18 31	1 13	22 57	0 22	22 25	0 37	23 41	0 16	22 4	0 56	0 18	16 0	12 43	12 10	9 57	17 9	5 59
T 6	22 43	16 11	0 46	23 9	0 17	19 47	1 37	18 21	1 13	22 58	0 22	22 25	0 37	23 41	0 16	22 4	0 56	0 18	16 0	12 43	12 11	10 0	17 9	5 59
F 7	22 37	10 58	0s22	23 20	0 5	19 29	1 37	18 10	1 13	22 59	0 22	22 26	0 37	23 41	0 16	22 4	0 56	0 19	15 59	12 43	12 13	10 3	17 8	5 59
S 8	22 30	5 26	1 28	23 29	0n 6	19 9	1 37	17 59	1 13	22 59	0 22	22 26	0 37	23 41	0 16	22 4	0 56	0 19	15 59	12 43	12 14	10 7	17 8	5 59
S 9	22 23	0s11	2 28	23 36	0 17	18 49	1 38	17 48	1 13	23 0	0 22	22 27	0 37	23 41	0 16	22 4	0 56	0 19	15 58	12 42	12 15	10 10	17 7	5 59
M10	22 16	5 44	3 21	23 40	0 28	18 29	1 38	17 37	1 12	23 0	0 22	22 27	0 37	23 41	0 16	22 4	0 56	0 20	15 58	12 42	12 16	10 13	17 7	5 59
T 11	22 8	11 3	4 6	23 42	0 38	18 8	1 38	17 25	1 12	23 1	0 22	22 28	0 36	23 41	0 16	22 4	0 56	0 20	15 57	12 42	12 17	10 16	17 6	6 0
W12	22 0	15 59	4 40	23 41	0 48	17 47	1 38	17 14	1 12	23 1	0 22	22 28	0 36	23 41	0 16	22 5	0 56	0 21	15 56	12 42	12 18	10 19	17 6	6 0
T 13	21 52	20 21	5 2	23 37	0 57	17 25	1 38	17 3	1 12	23 2	0 22	22 28	0 36	23 41	0 16	22 5	0 56	0 21	15 56	12 43	12 19	10 22	17 5	6 0
F 14	21 43	23 57	5 11	23 31	1 5	17 3	1 38	16 51	1 11	23 2	0 22	22 29	0 36	23 41	0 16	22 5	0 56	0 21	15 55	12 44	12 20	10 25	17 5	6 0
S 15	21 34	26 31	5 6	23 22	1 13	16 40	1 38	16 39	1 11	23 3	0 21	22 29	0 36	23 41	0 16	22 5	0 56	0 22	15 55	12 46	12 21	10 28	17 4	6 0
S 16	21 24	27 48	4 46	23 10	1 20	16 17	1 38	16 27	1 11	23 3	0 21	22 30	0 36	23 41	0 16	22 5	0 56	0 22	15 54	12 47	12 22	10 32	17 3	6 0
M17	21 14	27 35	4 11	22 55	1 26	15 53	1 37	16 16	1 11	23 3	0 21	22 30	0 36	23 42	0 16	22 5	0 56	0 23	15 54	12 49	12 23	10 35	17 3	6 0
T 18	21 4	25 48	3 21	22 38	1 31	15 29	1 37	16 4	1 10	23 4	0 21	22 30	0 36	23 42	0 16	22 5	0 56	0 23	15 53	12 51	12 25	10 38	17 2	6 1
W19	20 54	22 29	2 19	22 19	1 36	15 5	1 36	15 51	1 10	23 4	0 21	22 31	0 36	23 42	0 16	22 6	0 56	0 24	15 53	12 52	12 26	10 41	17 2	6 1
T 20	20 43	17 51	1 8	21 57	1 40	14 40	1 36	15 39	1 10	23 4	0 21	22 31	0 36	23 42	0 16	22 6	0 56	0 24	15 52	12 52	12 27	10 44	17 1	6 1
F 21	20 31	12 10	0n 9	21 32	1 43	14 15	1 35	15 27	1 10	23 5	0 21	22 32	0 35	23 42	0 16	22 6	0 56	0 25	15 51	12 53	12 28	10 47	17 0	6 1
S 22	20 20	5 50	1 26	21 6	1 45	13 49	1 35	15 14	1 9	23 5	0 21	22 32	0 35	23 42	0 16	22 6	0 56	0 25	15 51	12 52	12 29	10 50	17 0	6 1
S 23	20 8	0n50	2 38	20 38	1 47	13 23	1 34	15 2	1 9	23 5	0 21	22 32	0 35	23 42	0 16	22 6	0 56	0 26	15 50	12 52	12 30	10 53	16 59	6 2
M24	19 55	7 27	3 40	20 8	1 47	12 57	1 33	14 49	1 9	23 5	0 21	22 33	0 35	23 42	0 16	22 6	0 56	0 26	15 50	12 51	12 31	10 56	16 58	6 2
T 25	19 43	13 41	4 29	19 36	1 48	12 30	1 32	14 37	1 9	23 5	0 21	22 33	0 35	23 42	0 16	22 6	0 56	0 27	15 49	12 51	12 32	10 59	16 58	6 2
W26	19 30	19 10	5 0	19 3	1 47	12 4	1 31	14 24	1 8	23 6	0 21	22 34	0 35	23 42	0 16	22 7	0 56	0 28	15 49	12 51	12 33	11 2	16 57	6 2
T 27	19 16	23 33	5 14	18 28	1 46	11 36	1 30	14 11	1 8	23 6	0 21	22 34	0 35	23 42	0 16	22 7	0 56	0 28	15 48	12 51	12 34	11 5	16 56	6 2
F 28	19 3	26 31	5 9	17 53	1 44	11 9	1 29	13 58	1 8	23 6	0 21	22 34	0 35	23 42	0 16	22 7	0 56	0 29	15 47	12 52	12 35	11 8	16 55	6 3
S 29	18 49	27 52	4 46	17 16	1 42	10 41	1 27	13 45	1 8	23 6	0 20	22 35	0 35	23 42	0 16	22 7	0 56	0 29	15 47	12 53	12 37	11 12	16 55	6 3
S 30	18 34	27 30	4 7	16 38	1 39	10 13	1 26	13 32	1 7	23 6	0 20	22 35	0 34	23 42	0 16	22 7	0 56	0 30	15 46	12 54	12 38	11 15	16 54	6 3
M31	18n20	25n31	3n15	15n59	1n36	9n45	1n25	13n18	1n 7	23n 6	0s20	22s35	0n34	23s42	0s16	22s 7	0n56	0s31	15n46	12s55	12s39	11s18	16n53	6s 3

Julian Day Number = 2447708.5, Delta T = 56.56 sec
Ecliptic obliquity = 23°26'33, Nutation = 0°00'09
Ayanamsha: Fagan/Bradley = 24°35'37, Lahiri = 23°42'37

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AUGUST 1989

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 20	8♌43'55	0♌43	22♌54	9♍33	28♌23	0♋12	8°R36	1°R58	10°R15	12♏23	25°R48	26♒34	19♎18	11♋51	T 1
W 2	20 42 16	9°41'20	13°35	24°42	10°46	29° 1	0°25	8♎32	1♎57	10♎14	12°24	25♒47	26°31	19°25	11°56	W 2
T 3	20 46 13	10°38'47	26°12	26°28	11°58	29°39	0°37	8°29	1°55	10°13	12°24	25°D46	26°27	19°31	12° 2	T 3
F 4	20 50 9	11°36'15	8♍35	28°13	13°10	0♍16	0°49	8°26	1°53	10°11	12°24	25°47	26°24	19°38	12° 8	F 4
S 5	20 54 6	12°33'43	20°45	29°56	14°22	0°54	1° 1	8°22	1°51	10°10	12°25	25°48	26°21	19°45	12°13	S 5
S 6	20 58 3	13°31'12	2♎45	1♍38	15°34	1°32	1°13	8°19	1°50	10° 9	12°25	25°49	26°18	19°51	12°18	S 6
M 7	21 1 59	14°28'42	14°39	3°18	16°46	2°10	1°24	8°16	1°48	10° 7	12°26	25°50	26°15	19°58	12°24	M 7
T 8	21 5 56	15°26'12	26°30	4°56	17°58	2°48	1°36	8°13	1°47	10° 6	12°26	25°51	26°12	20° 5	12°29	T 8
W 9	21 9 52	16°23'44	8♏23	6°33	19° 9	3°26	1°48	8°10	1°45	10° 5	12°27	25°51	26° 8	20°11	12°35	W 9
T 10	21 13 49	17°21'16	20°22	8° 8	20°21	4° 4	1°59	8° 7	1°44	10° 4	12°27	25°R51	26° 5	20°18	12°40	T 10
F 11	21 17 45	18°18'49	2♐32	9°42	21°33	4°42	2°11	8° 4	1°42	10° 3	12°28	25°51	26° 2	20°25	12°45	F 11
S 12	21 21 42	19°16'24	14°57	11°14	22°45	5°20	2°22	8° 1	1°41	10° 1	12°29	25°51	25°59	20°32	12°51	S 12
S 13	21 25 38	20°13'59	27°42	12°44	23°56	5°57	2°34	7°59	1°40	10° 0	12°29	25°50	25°56	20°38	12°56	S 13
M14	21 29 35	21°11'35	10♑48	14°13	25° 8	6°35	2°45	7°56	1°38	9°59	12°30	25°49	25°52	20°45	13° 1	M14
T 15	21 33 32	22° 9'12	24°17	15°40	26°20	7°13	2°56	7°53	1°37	9°58	12°31	25°49	25°49	20°52	13° 6	T 15
W16	21 37 28	23° 6'50	8♒ 8	17° 6	27°31	7°51	3° 7	7°51	1°36	9°57	12°32	25°49	25°46	20°58	13°11	W16
T 17	21 41 25	24° 4'29	22°20	18°30	28°43	8°29	3°18	7°49	1°35	9°56	12°33	25°D49	25°43	21° 5	13°16	T 17
F 18	21 45 21	25° 2'10	6♓48	19°52	29°54	9° 8	3°29	7°46	1°33	9°55	12°33	25°49	25°40	21°12	13°21	F 18
S 19	21 49 18	25°59'52	21°26	21°12	1♎ 6	9°46	3°40	7°44	1°32	9°54	12°34	25°R49	25°37	21°18	13°26	S 19
S 20	21 53 14	26°57'35	6♈ 8	22°31	2°17	10°24	3°51	7°42	1°31	9°53	12°35	25°48	25°33	21°25	13°31	S 20
M21	21 57 11	27°55'20	20°48	23°48	3°28	11° 2	4° 1	7°40	1°30	9°52	12°36	25°48	25°30	21°32	13°36	M21
T 22	22 1 7	28°53'07	5♉19	25° 3	4°39	11°40	4°12	7°38	1°29	9°51	12°37	25°48	25°27	21°39	13°41	T 22
W23	22 5 4	29°50'55	19°38	26°16	5°51	12°18	4°22	7°36	1°28	9°50	12°38	25°48	25°24	21°45	13°46	W23
T 24	22 9 1	0♍48'45	3♊42	27°27	7° 2	12°56	4°33	7°34	1°28	9°49	12°39	25°D48	25°21	21°52	13°50	T 24
F 25	22 12 57	1°46'37	17°29	28°36	8°13	13°34	4°43	7°33	1°27	9°48	12°40	25°48	25°18	21°59	13°55	F 25
S 26	22 16 54	2°44'31	1♋ 0	29°43	9°24	14°13	4°53	7°31	1°26	9°48	12°41	25°48	25°14	22° 5	14° 0	S 26
S 27	22 20 50	3°42'27	14°14	0♎48	10°35	14°51	5° 3	7°29	1°25	9°47	12°43	25°49	25°11	22°12	14° 4	S 27
M28	22 24 47	4°40'24	27°13	1°50	11°46	15°29	5°13	7°28	1°25	9°46	12°44	25°50	25° 8	22°19	14° 9	M28
T 29	22 28 43	5°38'23	9♌59	2°50	12°57	16° 7	5°23	7°27	1°24	9°45	12°45	25°51	25° 5	22°25	14°13	T 29
W30	22 32 40	6°36'23	22°31	3°47	14° 8	16°46	5°33	7°25	1°23	9°44	12°46	25°R51	25° 2	22°32	14°18	W30
T 31	22 36 36	7♍34'26	4♍53	4♎41	15♎19	17♍24	5♋43	7♎24	1♎23	9♎44	12♏48	25♒51	24♒58	22♎39	14♋22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	18n 5	22n11	2n14	15n20	1n32	9n16	1n23	13n 5	1n 7	23n 6	0s20	22s36	0n34	23s42	0s16	22s 7	0n56	0s31	15n45	12s55	12s40	11s21	16n53	6s 4	T 1
W 2	17 50	17 49	1 7	14 40	1 27	8 48	1 22	12 52	1 7	23 6	0 20	22 36	0 34	23 42	0 16	22 7	0 56	0 32	15 44	12 56	12 41	11 24	16 52	6 4	W 2
T 3	17 34	12 45	0s 2	13 59	1 23	8 19	1 20	12 38	1 6	23 6	0 20	22 36	0 34	23 42	0 16	22 8	0 56	0 33	15 44	12 56	12 42	11 27	16 51	6 4	T 3
F 4	17 18	7 16	1 10	13 18	1 17	7 49	1 18	12 24	1 6	23 6	0 20	22 37	0 34	23 42	0 16	22 8	0 56	0 33	15 43	12 56	12 43	11 30	16 50	6 5	F 4
S 5	17 2	1 37	2 14	12 37	1 12	7 20	1 16	12 11	1 6	23 6	0 20	22 37	0 34	23 42	0 16	22 8	0 55	0 34	15 43	12 55	12 44	11 33	16 50	6 5	S 5
S 6	16 46	4s 1	3 11	11 55	1 6	6 50	1 15	11 57	1 5	23 6	0 20	22 37	0 34	23 42	0 16	22 8	0 55	0 35	15 42	12 55	12 45	11 36	16 49	6 5	S 6
M 7	16 29	9 26	3 59	11 13	0 59	6 21	1 13	11 43	1 5	23 6	0 20	22 38	0 34	23 42	0 16	22 8	0 55	0 35	15 42	12 55	12 46	11 39	16 48	6 5	M 7
T 8	16 13	14 31	4 36	10 31	0 53	5 51	1 11	11 29	1 5	23 6	0 20	22 38	0 33	23 42	0 16	22 8	0 55	0 36	15 41	12 54	12 47	11 42	16 47	6 6	T 8
W 9	15 55	19 4	5 2	9 49	0 46	5 21	1 9	11 15	1 5	23 6	0 20	22 38	0 33	23 42	0 16	22 8	0 55	0 37	15 40	12 54	12 48	11 45	16 46	6 6	W 9
T 10	15 38	22 54	5 15	9 7	0 38	4 50	1 6	11 1	1 4	23 6	0 20	22 39	0 33	23 42	0 16	22 8	0 55	0 37	15 40	12 54	12 49	11 48	16 46	6 6	T 10
F 11	15 21	25 49	5 15	8 25	0 31	4 20	1 4	10 47	1 4	23 6	0 20	22 39	0 33	23 42	0 16	22 9	0 55	0 38	15 39	12 54	12 51	11 51	16 45	6 7	F 11
S 12	15 3	27 33	4 59	7 42	0 23	3 50	1 2	10 33	1 4	23 6	0 20	22 39	0 33	23 42	0 16	22 9	0 55	0 39	15 39	12 54	12 52	11 54	16 44	6 7	S 12
S 13	14 45	27 55	4 29	7 1	0 15	3 19	1 0	10 19	1 3	23 6	0 20	22 39	0 33	23 42	0 16	22 9	0 55	0 40	15 38	12 55	12 53	11 57	16 43	6 7	S 13
M14	14 26	26 44	3 44	6 19	0 6	2 48	0 57	10 4	1 3	23 5	0 19	22 40	0 33	23 42	0 16	22 9	0 55	0 40	15 38	12 55	12 54	12 0	16 42	6 8	M14
T 15	14 8	23 59	2 46	5 37	0s 2	2 18	0 55	9 50	1 3	23 5	0 19	22 40	0 33	23 42	0 16	22 9	0 55	0 41	15 37	12 55	12 55	12 3	16 41	6 8	T 15
W16	13 49	19 47	1 36	4 56	0 11	1 47	0 52	9 35	1 3	23 5	0 19	22 40	0 32	23 42	0 16	22 9	0 55	0 42	15 36	12 55	12 56	12 6	16 41	6 9	W16
T 17	13 30	14 22	0 19	4 15	0 20	1 16	0 49	9 21	1 2	23 5	0 19	22 40	0 32	23 42	0 16	22 9	0 55	0 43	15 36	12 55	12 57	12 9	16 40	6 9	T 17
F 18	13 11	8 5	1n 1	3 35	0 29	0 45	0 47	9 6	1 2	23 5	0 19	22 41	0 32	23 42	0 16	22 9	0 55	0 43	15 35	12 55	12 58	12 12	16 39	6 9	F 18
S 19	12 51	1 17	2 17	2 55	0 38	0 14	0 44	8 52	1 2	23 4	0 19	22 41	0 32	23 42	0 16	22 9	0 55	0 44	15 35	12 55	12 59	12 15	16 38	6 10	S 19
S 20	12 32	5n35	3 26	2 15	0 47	0s17	0 41	8 37	1 1	23 4	0 19	22 41	0 32	23 42	0 16	22 10	0 55	0 45	15 34	12 55	13 0	12 18	16 37	6 10	S 20
M21	12 12	12 8	4 20	1 36	0 56	0 48	0 38	8 22	1 1	23 4	0 19	22 41	0 32	23 42	0 16	22 10	0 55	0 46	15 34	12 55	13 1	12 21	16 36	6 10	M21
T 22	11 52	17 58	4 57	0 58	1 6	1 19	0 35	8 7	1 1	23 4	0 19	22 42	0 32	23 42	0 16	22 10	0 55	0 47	15 33	12 55	13 2	12 24	16 35	6 11	T 22
W23	11 32	22 42	5 15	0 20	1 15	1 50	0 32	7 53	1 0	23 3	0 19	22 42	0 32	23 42	0 16	22 10	0 55	0 47	15 33	12 55	13 3	12 27	16 34	6 11	W23
T 24	11 11	26 2	5 14	0s17	1 25	2 21	0 29	7 38	1 0	23 3	0 19	22 42	0 31	23 42	0 16	22 10	0 55	0 48	15 32	12 55	13 4	12 30	16 34	6 12	T 24
F 25	10 51	27 45	4 55	0 53	1 35	2 51	0 26	7 23	1 0	23 3	0 19	22 42	0 31	23 42	0 16	22 10	0 55	0 49	15 31	12 55	13 6	12 33	16 33	6 12	F 25
S 26	10 30	27 46	4 19	1 29	1 44	3 22	0 23	7 8	0 59	23 2	0 19	22 43	0 31	23 42	0 16	22 10	0 55	0 50	15 31	12 55	13 7	12 36	16 32	6 13	S 26
S 27	10 9	26 10	3 31	2 3	1 54	3 53	0 20	6 53	0 59	23 2	0 19	22 43	0 31	23 42	0 16	22 10	0 55	0 51	15 30	12 55	13 8	12 39	16 31	6 13	S 27
M28	9 48	23 12	2 32	2 37	2 3	4 24	0 17	6 38	0 59	23 2	0 19	22 43	0 31	23 42	0 16	22 10	0 55	0 52	15 30	12 55	13 9	12 42	16 30	6 13	M28
T 29	9 27	19 9	1 27	3 10	2 13	4 55	0 13	6 22	0 58	23 1	0 19	22 43	0 31	23 42	0 16	22 10	0 55	0 52	15 29	12 54	13 10	12 45	16 29	6 14	T 29
W30	9 5	14 18	0 18	3 41	2 23	5 25	0 10	6 7	0 58	23 1	0 19	22 43	0 31	23 42	0 16	22 11	0 55	0 53	15 29	12 54	13 11	12 48	16 28	6 14	W30
T 31	8n44	8n57	0s50	4s11	2s32	5s56	0n 6	5n52	0n58	23n 1	0s18	22s44	0n31	23s42	0s16	22s11	0n55	0s54	15n28	12s54	13s12	12s51	16n27	6s15	T 31

Julian Day Number = 2447739.5, Delta T = 56.61 sec
Ecliptic obliquity = 23°26'34, Nutation = 0°00'11
Ayanamsha: Fagan/Bradley = 24°35'42, Lahiri = 23°42'41

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SEPTEMBER 1989

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 40 33	8♍32'29	17♍ 4	5♎32	16♎30	18♍ 2	5♋52	7°R23	1°R22	9°R43	12♏49	25°R50	24♒55	22♎46	14♋26	F 1
S 2	22 44 30	9°30'35	29° 6	6°20	17°40	18°41	6° 2	7♑22	1♑22	9♑43	12°50	25♒49	24°52	22°52	14°31	S 2
S 3	22 48 26	10°28'42	11♎ 3	7° 5	18°51	19°19	6°11	7°21	1°22	9°42	12°52	25°47	24°49	22°59	14°35	S 3
M 4	22 52 23	11°26'50	22°54	7°46	20° 1	19°57	6°20	7°21	1°21	9°41	12°53	25°44	24°46	23° 6	14°39	M 4
T 5	22 56 19	12°25'00	4♏45	8°24	21°12	20°36	6°29	7°20	1°21	9°41	12°54	25°42	24°43	23°12	14°43	T 5
W 6	23 0 16	13°23'12	16°37	8°57	22°22	21°14	6°38	7°19	1°21	9°40	12°56	25°40	24°39	23°19	14°47	W 6
T 7	23 4 12	14°21'25	28°34	9°26	23°33	21°53	6°47	7°19	1°20	9°40	12°57	25°38	24°36	23°26	14°51	T 7
F 8	23 8 9	15°19'40	10♐42	9°50	24°43	22°31	6°55	7°19	1°20	9°39	12°59	25°D37	24°33	23°32	14°55	F 8
S 9	23 12 5	16°17'56	23° 4	10° 9	25°54	23°10	7° 4	7°18	1°20	9°39	13° 0	25°37	24°30	23°39	14°59	S 9
S 10	23 16 2	17°16'14	5♑44	10°23	27° 4	23°48	7°12	7°18	1°D20	9°39	13° 2	25°38	24°27	23°46	15° 3	S 10
M11	23 19 58	18°14'33	18°47	10°31	28°14	24°27	7°21	7°D18	1°20	9°38	13° 3	25°40	24°24	23°53	15° 6	M11
T 12	23 23 55	19°12'54	2♒16	10°R34	29°24	25° 6	7°29	7°18	1°20	9°38	13° 5	25°41	24°20	23°59	15°10	T 12
W13	23 27 52	20°11'16	16°11	10°30	0♏34	25°44	7°37	7°18	1°20	9°38	13° 7	25°42	24°17	24° 6	15°14	W13
T 14	23 31 48	21° 9'40	0♓32	10°19	1°44	26°23	7°45	7°18	1°21	9°37	13° 8	25°R42	24°14	24°13	15°17	T 14
F 15	23 35 45	22° 8'06	15°15	10° 2	2°54	27° 1	7°53	7°19	1°21	9°37	13°10	25°41	24°11	24°19	15°21	F 15
S 16	23 39 41	23° 6'34	0♈14	9°38	4° 3	27°40	8° 0	7°19	1°21	9°37	13°12	25°39	24° 8	24°26	15°24	S 16
S 17	23 43 38	24° 5'03	15°20	9° 7	5°13	28°19	8° 8	7°20	1°21	9°37	13°13	25°35	24° 4	24°33	15°27	S 17
M18	23 47 34	25° 3'34	0♉24	8°29	6°23	28°58	8°15	7°20	1°22	9°37	13°15	25°31	24° 1	24°40	15°31	M18
T 19	23 51 31	26° 2'08	15°16	7°45	7°32	29°36	8°22	7°21	1°22	9°37	13°17	25°27	23°58	24°46	15°34	T 19
W20	23 55 27	27° 0'44	29°51	6°55	8°42	0♎15	8°29	7°22	1°23	9°37	13°19	25°24	23°55	24°53	15°37	W20
T 21	23 59 24	27°59'22	14♊ 2	5°59	9°51	0°54	8°36	7°23	1°23	9°D37	13°21	25°22	23°52	25° 0	15°40	T 21
F 22	0 3 21	28°58'03	27°50	4°59	11° 0	1°33	8°43	7°24	1°24	9°37	13°23	25°D21	23°49	25° 6	15°43	F 22
S 23	0 7 17	29°56'45	11♋14	3°56	12° 9	2°12	8°50	7°25	1°25	9°37	13°24	25°21	23°45	25°13	15°46	S 23
S 24	0 11 14	0♎55'30	24°16	2°51	13°18	2°51	8°56	7°26	1°25	9°37	13°26	25°23	23°42	25°20	15°49	S 24
M25	0 15 10	1°54'17	7♌ 0	1°45	14°27	3°30	9° 2	7°27	1°26	9°37	13°28	25°24	23°39	25°26	15°51	M25
T 26	0 19 7	2°53'06	19°29	0°40	15°36	4° 8	9° 9	7°29	1°27	9°37	13°30	25°R26	23°36	25°33	15°54	T 26
W27	0 23 3	3°51'58	1♍46	29♍38	16°45	4°47	9°15	7°30	1°28	9°37	13°32	25°25	23°33	25°40	15°57	W27
T 28	0 27 0	4°50'51	13°53	28°41	17°54	5°26	9°20	7°32	1°28	9°37	13°34	25°24	23°29	25°47	15°59	T 28
F 29	0 30 56	5°49'47	25°54	27°50	19° 2	6° 6	9°26	7°33	1°29	9°37	13°36	25°20	23°26	25°53	16° 2	F 29
S 30	0 34 53	6♎48'45	7♎49	27♍ 6	20♏11	6♎45	9♋32	7♑35	1♑30	9♑38	13♏38	25♒14	23♒23	26♎ 0	16♋ 4	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	8n22	3n21	1s55	4s40	2s41	6s26	0n 3	5n37	0n57	23n 0	0s18	22s44	0n30	23s42	0s16	22s11	0n55	0s55	15n28	12s55	13s13	12s54	16n26	6s15	F 1
S 2	8 0	2s18	2 54	5 7	2 50	6 57	0s 1	5 21	0 57	23 0	0 18	22 44	0 30	23 42	0 16	22 11	0 55	0 56	15 27	12 55	13 14	12 57	16 25	6 16	S 2
S 3	7 38	7 49	3 44	5 33	2 59	7 27	0 4	5 6	0 57	23 0	0 18	22 44	0 30	23 42	0 16	22 11	0 55	0 57	15 27	12 56	13 15	13 0	16 25	6 16	S 3
M 4	7 16	13 0	4 25	5 57	3 8	7 57	0 8	4 51	0 56	22 59	0 18	22 44	0 30	23 42	0 16	22 11	0 55	0 58	15 26	12 57	13 16	13 3	16 24	6 17	M 4
T 5	6 54	17 43	4 54	6 20	3 16	8 27	0 11	4 35	0 56	22 59	0 18	22 45	0 30	23 42	0 16	22 11	0 54	0 58	15 26	12 57	13 17	13 6	16 23	6 17	T 5
W 6	6 32	21 46	5 11	6 40	3 24	8 56	0 15	4 20	0 56	22 59	0 18	22 45	0 30	23 42	0 16	22 11	0 54	0 59	15 25	12 58	13 18	13 9	16 22	6 18	W 6
T 7	6 9	24 57	5 15	6 59	3 31	9 26	0 19	4 4	0 55	22 58	0 18	22 45	0 30	23 42	0 16	22 11	0 54	1 0	15 25	12 59	13 19	13 11	16 21	6 18	T 7
F 8	5 47	27 4	5 4	7 15	3 38	9 55	0 22	3 49	0 55	22 58	0 18	22 45	0 30	23 42	0 16	22 11	0 54	1 1	15 24	12 59	13 20	13 14	16 20	6 19	F 8
S 9	5 24	27 55	4 40	7 28	3 45	10 25	0 26	3 33	0 55	22 57	0 18	22 45	0 29	23 42	0 16	22 11	0 54	1 2	15 24	12 59	13 21	13 17	16 19	6 19	S 9
S 10	5 2	27 20	4 1	7 39	3 51	10 54	0 30	3 17	0 54	22 57	0 18	22 45	0 29	23 42	0 16	22 11	0 54	1 3	15 23	12 59	13 23	13 20	16 18	6 20	S 10
M11	4 39	25 15	3 9	7 47	3 56	11 22	0 34	3 2	0 54	22 57	0 18	22 45	0 29	23 42	0 16	22 11	0 54	1 4	15 23	12 58	13 24	13 23	16 17	6 20	M11
T 12	4 16	21 42	2 5	7 52	4 0	11 51	0 37	2 46	0 54	22 56	0 18	22 46	0 29	23 42	0 16	22 12	0 54	1 5	15 22	12 58	13 25	13 26	16 16	6 21	T 12
W13	3 53	16 49	0 52	7 53	4 3	12 19	0 41	2 31	0 53	22 56	0 18	22 46	0 29	23 42	0 16	22 12	0 54	1 5	15 22	12 57	13 26	13 29	16 15	6 21	W13
T 14	3 30	10 52	0n26	7 51	4 5	12 47	0 45	2 15	0 53	22 55	0 18	22 46	0 29	23 42	0 16	22 12	0 54	1 6	15 22	12 57	13 27	13 32	16 14	6 22	T 14
F 15	3 7	4 12	1 45	7 45	4 6	13 15	0 49	1 59	0 53	22 55	0 18	22 46	0 29	23 42	0 16	22 12	0 54	1 7	15 21	12 58	13 28	13 35	16 14	6 22	F 15
S 16	2 44	2n49	2 58	7 35	4 6	13 42	0 53	1 44	0 52	22 55	0 17	22 46	0 28	23 42	0 16	22 12	0 54	1 8	15 21	12 58	13 29	13 38	16 13	6 23	S 16
S 17	2 21	9 43	3 59	7 21	4 4	14 9	0 57	1 28	0 52	22 54	0 17	22 46	0 28	23 42	0 16	22 12	0 54	1 9	15 20	13 0	13 30	13 41	16 12	6 24	S 17
M18	1 58	16 2	4 43	7 3	4 0	14 36	1 1	1 12	0 51	22 54	0 17	22 46	0 28	23 42	0 16	22 12	0 54	1 10	15 20	13 1	13 31	13 43	16 11	6 24	M18
T 19	1 35	21 19	5 8	6 40	3 55	15 3	1 5	0 56	0 51	22 53	0 17	22 46	0 28	23 42	0 16	22 12	0 54	1 11	15 19	13 2	13 32	13 46	16 10	6 25	T 19
W20	1 11	25 11	5 11	6 14	3 48	15 29	1 9	0 40	0 51	22 53	0 17	22 46	0 28	23 42	0 16	22 12	0 54	1 12	15 19	13 3	13 33	13 49	16 9	6 25	W20
T 21	0 48	27 23	4 56	5 43	3 39	15 55	1 13	0 25	0 50	22 53	0 17	22 46	0 28	23 42	0 16	22 12	0 54	1 13	15 19	13 4	13 34	13 52	16 8	6 26	T 21
F 22	0 25	27 49	4 24	5 9	3 28	16 21	1 17	0 9	0 50	22 52	0 17	22 46	0 28	23 42	0 16	22 12	0 54	1 14	15 18	13 4	13 35	13 55	16 7	6 26	F 22
S 23	0 1	26 35	3 38	4 32	3 15	16 46	1 20	0s 7	0 50	22 52	0 17	22 47	0 28	23 42	0 16	22 12	0 54	1 14	15 18	13 4	13 36	13 58	16 6	6 27	S 23
S 24	0s22	23 55	2 42	3 53	3 0	17 11	1 24	0 23	0 49	22 52	0 17	22 47	0 27	23 42	0 16	22 12	0 54	1 15	15 17	13 4	13 37	14 1	16 5	6 28	S 24
M25	0 45	20 7	1 39	3 12	2 43	17 35	1 28	0 39	0 49	22 51	0 17	22 47	0 27	23 42	0 16	22 12	0 54	1 16	15 17	13 3	13 38	14 4	16 4	6 28	M25
T 26	1 9	15 29	0 32	2 30	2 26	17 59	1 32	0 54	0 48	22 51	0 17	22 47	0 27	23 42	0 16	22 12	0 54	1 17	15 17	13 3	13 39	14 6	16 4	6 29	T 26
W27	1 32	10 19	0s34	1 48	2 7	18 23	1 36	1 10	0 48	22 50	0 17	22 47	0 27	23 42	0 16	22 12	0 54	1 18	15 16	13 3	13 40	14 9	16 3	6 29	W27
T 28	1 56	4 49	1 39	1 7	1 47	18 46	1 40	1 26	0 48	22 50	0 17	22 47	0 27	23 42	0 16	22 12	0 54	1 19	15 16	13 3	13 41	14 12	16 2	6 30	T 28
F 29	2 19	0s47	2 38	0 28	1 27	19 9	1 44	1 42	0 47	22 50	0 17	22 47	0 27	23 42	0 16	22 12	0 54	1 20	15 16	13 5	13 43	14 15	16 1	6 31	F 29
S 30	2s42	6s18	3s29	0n 8	1s 7	19s31	1s48	1s58	0n47	22n49	0s17	22s47	0n27	23s42	0s16	22s12	0n54	1s21	15n15	13s 7	13s44	14s18	16n 0	6s31	S 30

Julian Day Number = 2447770.5, Delta T = 56.66 sec
Ecliptic obliquity = 23°26'34, Nutation = 0°00'11
Ayanamsha: Fagan/Bradley = 24°35'46, Lahiri = 23°42'46

created from Swiss Ephemeris, Copyright Astrodienst AG [14.2.2018]

OCTOBER 1989

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 50	7♎47'44	19♎42	26°R31	21♏19	7♎24	9♋37	7♑37	1♑31	9♑38	13♏40	25°R 7	23♒20	26♎ 7	16♋ 6	S 1
M 2	0 42 46	8°46'46	1♏32	26♍ 5	22°28	8° 3	9°42	7°39	1°32	9°38	13°42	24♒59	23°17	26°13	16° 8	M 2
T 3	0 46 43	9°45'50	13°23	25°50	23°36	8°42	9°47	7°41	1°34	9°39	13°44	24°50	23°14	26°20	16°11	T 3
W 4	0 50 39	10°44'55	25°17	25°D44	24°44	9°21	9°52	7°43	1°35	9°39	13°46	24°42	23°10	26°27	16°13	W 4
T 5	0 54 36	11°44'03	7♐15	25°50	25°52	10° 0	9°56	7°45	1°36	9°40	13°49	24°35	23° 7	26°34	16°15	T 5
F 6	0 58 32	12°43'12	19°22	26° 6	27° 0	10°40	10° 1	7°48	1°37	9°40	13°51	24°30	23° 4	26°40	16°16	F 6
S 7	1 2 29	13°42'23	1♑41	26°31	28° 7	11°19	10° 5	7°50	1°39	9°41	13°53	24°27	23° 1	26°47	16°18	S 7
S 8	1 6 25	14°41'36	14°16	27° 7	29°15	11°58	10° 9	7°53	1°40	9°41	13°55	24°D26	22°58	26°54	16°20	S 8
M 9	1 10 22	15°40'51	27°12	27°51	0♐22	12°38	10°13	7°55	1°42	9°42	13°57	24°27	22°55	27° 0	16°22	M 9
T 10	1 14 19	16°40'07	10♒32	28°43	1°30	13°17	10°17	7°58	1°43	9°42	13°59	24°28	22°51	27° 7	16°23	T 10
W11	1 18 15	17°39'25	24°20	29°43	2°37	13°56	10°21	8° 1	1°45	9°43	14° 2	24°R29	22°48	27°14	16°25	W11
T 12	1 22 12	18°38'45	8♓36	0♎50	3°44	14°36	10°24	8° 4	1°46	9°44	14° 4	24°28	22°45	27°20	16°26	T 12
F 13	1 26 8	19°38'06	23°19	2° 3	4°51	15°15	10°27	8° 7	1°48	9°44	14° 6	24°25	22°42	27°27	16°27	F 13
S 14	1 30 5	20°37'30	8♈24	3°21	5°57	15°55	10°30	8°10	1°49	9°45	14° 8	24°19	22°39	27°34	16°28	S 14
S 15	1 34 1	21°36'55	23°41	4°43	7° 4	16°34	10°33	8°13	1°51	9°46	14°11	24°12	22°35	27°41	16°29	S 15
M16	1 37 58	22°36'23	9♉ 1	6° 9	8°10	17°14	10°36	8°16	1°53	9°47	14°13	24° 3	22°32	27°47	16°30	M16
T 17	1 41 54	23°35'53	24°11	7°39	9°17	17°53	10°38	8°20	1°55	9°47	14°15	23°54	22°29	27°54	16°31	T 17
W18	1 45 51	24°35'25	9♊ 2	9°11	10°23	18°33	10°41	8°23	1°57	9°48	14°18	23°46	22°26	28° 1	16°32	W18
T 19	1 49 48	25°34'59	23°28	10°45	11°28	19°12	10°43	8°27	1°58	9°49	14°20	23°40	22°23	28° 7	16°33	T 19
F 20	1 53 44	26°34'36	7♋24	12°22	12°34	19°52	10°45	8°30	2° 0	9°50	14°22	23°36	22°20	28°14	16°34	F 20
S 21	1 57 41	27°34'14	20°51	13°59	13°39	20°32	10°46	8°34	2° 2	9°51	14°25	23°34	22°16	28°21	16°34	S 21
S 22	2 1 37	28°33'56	3♌52	15°38	14°45	21°11	10°48	8°38	2° 4	9°52	14°27	23°D34	22°13	28°28	16°35	S 22
M23	2 5 34	29°33'39	16°31	17°18	15°50	21°51	10°49	8°41	2° 6	9°53	14°29	23°35	22°10	28°34	16°35	M23
T 24	2 9 30	0♏33'24	28°51	18°58	16°55	22°31	10°50	8°45	2° 9	9°54	14°32	23°R35	22° 7	28°41	16°36	T 24
W25	2 13 27	1°33'12	10♍59	20°38	17°59	23°11	10°51	8°49	2°11	9°55	14°34	23°33	22° 4	28°48	16°36	W25
T 26	2 17 23	2°33'02	22°58	22°19	19° 4	23°51	10°52	8°53	2°13	9°56	14°36	23°29	22° 1	28°54	16°36	T 26
F 27	2 21 20	3°32'54	4♎51	24° 0	20° 8	24°31	10°52	8°57	2°15	9°57	14°39	23°23	21°57	29° 1	16°R36	F 27
S 28	2 25 17	4°32'48	16°42	25°41	21°12	25°10	10°53	9° 2	2°18	9°59	14°41	23°13	21°54	29° 8	16°36	S 28
S 29	2 29 13	5°32'44	28°33	27°21	22°16	25°50	10°R53	9° 6	2°20	10° 0	14°44	23° 1	21°51	29°15	16°36	S 29
M30	2 33 10	6°32'42	10♏25	29° 2	23°19	26°30	10°53	9°10	2°22	10° 1	14°46	22°47	21°48	29°21	16°36	M30
T 31	2 37 6	7♏32'42	22♏20	0♏42	24♐22	27♎10	10♋52	9♑15	2♑25	10♑ 2	14♏48	22♒33	21♒45	29♎28	16♋35	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	3s 6	11s35	4s11	0n41	0s46	19s53	1s52	2s13	0n46	22n49	0s17	22s47	0n27	23s42	0s16	22s12	0n53	1s22	15n15	13s 9	13s45	14s21	15n59	6s32
M 2	3 29	16 25	4 42	1 9	0 27	20 15	1 55	2 29	0 46	22 49	0 16	22 47	0 27	23 42	0 16	22 12	0 53	1 23	15 14	13 12	13 46	14 24	15 58	6 32
T 3	3 52	20 39	5 1	1 32	0 8	20 36	1 59	2 45	0 46	22 49	0 16	22 47	0 26	23 42	0 16	22 12	0 53	1 23	15 14	13 15	13 47	14 26	15 57	6 33
W 4	4 15	24 3	5 7	1 51	0n10	20 57	2 3	3 1	0 45	22 48	0 16	22 47	0 26	23 42	0 16	22 12	0 53	1 24	15 14	13 18	13 48	14 29	15 57	6 34
T 5	4 38	26 27	5 0	2 4	0 27	21 17	2 7	3 17	0 45	22 48	0 16	22 47	0 26	23 42	0 16	22 12	0 53	1 25	15 14	13 20	13 49	14 32	15 56	6 34
F 6	5 2	27 39	4 39	2 12	0 42	21 36	2 10	3 32	0 44	22 48	0 16	22 47	0 26	23 42	0 16	22 12	0 53	1 26	15 13	13 21	13 50	14 35	15 55	6 35
S 7	5 25	27 31	4 5	2 15	0 56	21 55	2 14	3 48	0 44	22 47	0 16	22 47	0 26	23 42	0 16	22 12	0 53	1 27	15 13	13 22	13 51	14 38	15 54	6 36
S 8	5 48	25 58	3 19	2 12	1 9	22 14	2 18	4 4	0 44	22 47	0 16	22 47	0 26	23 42	0 16	22 12	0 53	1 28	15 13	13 23	13 52	14 41	15 53	6 36
M 9	6 10	23 2	2 21	2 5	1 20	22 32	2 21	4 20	0 43	22 47	0 16	22 47	0 26	23 42	0 16	22 12	0 53	1 29	15 12	13 22	13 53	14 43	15 52	6 37
T 10	6 33	18 47	1 14	1 53	1 30	22 49	2 25	4 35	0 43	22 47	0 16	22 47	0 26	23 42	0 16	22 12	0 53	1 30	15 12	13 22	13 54	14 46	15 52	6 38
W11	6 56	13 26	0 1	1 36	1 38	23 6	2 28	4 51	0 42	22 47	0 16	22 47	0 25	23 42	0 16	22 12	0 53	1 31	15 12	13 22	13 55	14 49	15 51	6 38
T 12	7 18	7 11	1n15	1 16	1 45	23 23	2 31	5 7	0 42	22 46	0 16	22 47	0 25	23 42	0 16	22 12	0 53	1 31	15 12	13 22	13 56	14 52	15 50	6 39
F 13	7 41	0 23	2 28	0 52	1 50	23 39	2 35	5 22	0 41	22 46	0 16	22 47	0 25	23 42	0 16	22 12	0 53	1 32	15 11	13 23	13 57	14 55	15 49	6 39
S 14	8 3	6n35	3 33	0 25	1 54	23 54	2 38	5 38	0 41	22 46	0 16	22 46	0 25	23 42	0 16	22 12	0 53	1 33	15 11	13 25	13 58	14 57	15 48	6 40
S 15	8 26	13 16	4 23	0s 5	1 58	24 9	2 41	5 53	0 41	22 46	0 16	22 46	0 25	23 42	0 16	22 12	0 53	1 34	15 11	13 27	13 59	15 0	15 48	6 41
M16	8 48	19 8	4 54	0 37	2 0	24 23	2 44	6 9	0 40	22 46	0 16	22 46	0 25	23 42	0 16	22 12	0 53	1 35	15 11	13 30	14 0	15 3	15 47	6 41
T 17	9 10	23 44	5 4	1 11	2 1	24 36	2 48	6 24	0 40	22 46	0 15	22 46	0 25	23 42	0 16	22 12	0 53	1 36	15 10	13 33	14 1	15 6	15 46	6 42
W18	9 32	26 39	4 54	1 47	2 1	24 49	2 51	6 40	0 39	22 45	0 15	22 46	0 25	23 42	0 16	22 12	0 53	1 37	15 10	13 36	14 2	15 8	15 45	6 43
T 19	9 54	27 41	4 24	2 25	2 0	25 2	2 54	6 55	0 39	22 45	0 15	22 46	0 25	23 42	0 16	22 12	0 53	1 37	15 10	13 38	14 3	15 11	15 45	6 43
F 20	10 15	26 54	3 40	3 4	1 59	25 13	2 56	7 11	0 38	22 45	0 15	22 46	0 24	23 42	0 16	22 12	0 53	1 38	15 10	13 39	14 4	15 14	15 44	6 44
S 21	10 37	24 33	2 45	3 44	1 57	25 24	2 59	7 26	0 38	22 45	0 15	22 46	0 24	23 42	0 16	22 12	0 53	1 39	15 9	13 40	14 5	15 17	15 43	6 45
S 22	10 58	20 57	1 43	4 24	1 54	25 35	3 2	7 41	0 37	22 45	0 15	22 46	0 24	23 42	0 16	22 12	0 53	1 40	15 9	13 40	14 6	15 20	15 42	6 45
M23	11 19	16 29	0 38	5 5	1 51	25 45	3 4	7 57	0 37	22 45	0 15	22 45	0 24	23 42	0 16	22 12	0 53	1 41	15 9	13 40	14 7	15 22	15 42	6 46
T 24	11 40	11 26	0s28	5 47	1 47	25 54	3 7	8 12	0 37	22 45	0 15	22 45	0 24	23 42	0 16	22 12	0 53	1 42	15 9	13 40	14 8	15 25	15 41	6 47
W25	12 1	6 2	1 31	6 28	1 43	26 3	3 9	8 27	0 36	22 45	0 15	22 45	0 24	23 42	0 16	22 12	0 53	1 42	15 9	13 40	14 9	15 28	15 40	6 47
T 26	12 22	0 30	2 29	7 10	1 38	26 11	3 12	8 42	0 36	22 45	0 15	22 45	0 24	23 41	0 16	22 12	0 53	1 43	15 9	13 42	14 10	15 31	15 40	6 48
F 27	12 42	5s 0	3 20	7 52	1 33	26 18	3 14	8 57	0 35	22 45	0 15	22 45	0 24	23 41	0 16	22 12	0 52	1 44	15 9	13 44	14 12	15 33	15 39	6 49
S 28	13 2	10 18	4 2	8 34	1 28	26 25	3 16	9 12	0 35	22 45	0 15	22 45	0 24	23 41	0 16	22 12	0 52	1 45	15 8	13 47	14 13	15 36	15 38	6 49
S 29	13 22	15 13	4 34	9 15	1 22	26 31	3 18	9 27	0 34	22 45	0 15	22 44	0 23	23 41	0 16	22 12	0 52	1 45	15 8	13 51	14 14	15 39	15 38	6 50
M30	13 42	19 35	4 53	9 56	1 17	26 36	3 20	9 42	0 34	22 45	0 14	22 44	0 23	23 41	0 16	22 12	0 52	1 46	15 8	13 55	14 15	15 41	15 37	6 50
T 31	14s 2	23s11	5s 0	10s37	1n11	26s41	3s22	9s57	0n33	22n46	0s14	22s44	0n23	23s41	0s16	22s12	0n52	1s47	15n 8	14s 0	14s16	15s44	15n37	6s51

Julian Day Number = 2447800.5, Delta T = 56.70 sec
Ecliptic obliquity = 23°26'34, Nutation = 0°00'09
Ayanamsha: Fagan/Bradley = 24°35'50, Lahiri = 23°42'50

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NOVEMBER 1989

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 41 3	8♏32'44	4♐19	2♏22	25♐25	27♎50	10°R52	9♑19	2♑27	10♑ 4	14♏51	22°R19	21♒41	29♎35	16°R35	W 1
T 2	2 44 59	9°32'48	16°23	4° 2	26°28	28°31	10♋51	9°24	2°30	10° 5	14°53	22♒ 8	21°38	29°41	16♋34	T 2
F 3	2 48 56	10°32'53	28°35	5°41	27°30	29°11	10°50	9°29	2°32	10° 6	14°56	21°59	21°35	29°48	16°34	F 3
S 4	2 52 52	11°33'00	10♑57	7°20	28°32	29°51	10°49	9°33	2°35	10° 8	14°58	21°52	21°32	29°55	16°33	S 4
S 5	2 56 49	12°33'09	23°32	8°59	29°34	0♏31	10°48	9°38	2°37	10° 9	15° 1	21°49	21°29	0♏ 2	16°32	S 5
M 6	3 0 46	13°33'19	6♒23	10°37	0♑35	1°11	10°46	9°43	2°40	10°10	15° 3	21°48	21°26	0° 8	16°31	M 6
T 7	3 4 42	14°33'31	19°36	12°15	1°36	1°51	10°44	9°48	2°43	10°12	15° 5	21°48	21°22	0°15	16°31	T 7
W 8	3 8 39	15°33'44	3♓13	13°52	2°37	2°32	10°43	9°53	2°45	10°13	15° 8	21°47	21°19	0°22	16°30	W 8
T 9	3 12 35	16°33'58	17°16	15°29	3°37	3°12	10°40	9°58	2°48	10°15	15°10	21°46	21°16	0°28	16°28	T 9
F 10	3 16 32	17°34'14	1♈45	17° 6	4°37	3°52	10°38	10° 3	2°51	10°16	15°13	21°42	21°13	0°35	16°27	F 10
S 11	3 20 28	18°34'31	16°38	18°42	5°37	4°33	10°36	10° 9	2°54	10°18	15°15	21°35	21°10	0°42	16°26	S 11
S 12	3 24 25	19°34'50	1♉49	20°18	6°36	5°13	10°33	10°14	2°56	10°19	15°18	21°25	21° 7	0°49	16°25	S 12
M13	3 28 21	20°35'11	17° 6	21°54	7°34	5°54	10°30	10°19	2°59	10°21	15°20	21°14	21° 3	0°55	16°23	M13
T 14	3 32 18	21°35'33	2♊20	23°29	8°32	6°34	10°27	10°25	3° 2	10°23	15°22	21° 2	21° 0	1° 2	16°22	T 14
W15	3 36 15	22°35'58	17°18	25° 4	9°30	7°15	10°24	10°30	3° 5	10°24	15°25	20°52	20°57	1° 9	16°20	W15
T 16	3 40 11	23°36'23	1♋53	26°39	10°27	7°55	10°20	10°36	3° 8	10°26	15°27	20°43	20°54	1°15	16°18	T 16
F 17	3 44 8	24°36'51	15°59	28°13	11°24	8°36	10°17	10°41	3°11	10°28	15°30	20°37	20°51	1°22	16°17	F 17
S 18	3 48 4	25°37'21	29°35	29°48	12°20	9°16	10°13	10°47	3°14	10°29	15°32	20°34	20°47	1°29	16°15	S 18
S 19	3 52 1	26°37'52	12♌41	1♐22	13°16	9°57	10° 9	10°53	3°17	10°31	15°34	20°32	20°44	1°36	16°13	S 19
M20	3 55 57	27°38'25	25°23	2°55	14°11	10°38	10° 5	10°58	3°20	10°33	15°37	20°32	20°41	1°42	16°11	M20
T 21	3 59 54	28°38'59	7♍44	4°29	15° 6	11°18	10° 0	11° 4	3°23	10°35	15°39	20°32	20°38	1°49	16° 9	T 21
W22	4 3 50	29°39'36	19°50	6° 2	16° 0	11°59	9°56	11°10	3°26	10°37	15°42	20°31	20°35	1°56	16° 6	W22
T 23	4 7 47	0♐40'14	1♎46	7°36	16°53	12°40	9°51	11°16	3°30	10°38	15°44	20°27	20°32	2° 2	16° 4	T 23
F 24	4 11 44	1°40'54	13°37	9° 9	17°46	13°21	9°46	11°22	3°33	10°40	15°46	20°20	20°28	2° 9	16° 2	F 24
S 25	4 15 40	2°41'35	25°27	10°42	18°37	14° 2	9°41	11°28	3°36	10°42	15°49	20°11	20°25	2°16	15°59	S 25
S 26	4 19 37	3°42'18	7♏19	12°14	19°29	14°43	9°36	11°34	3°39	10°44	15°51	19°59	20°22	2°23	15°57	S 26
M27	4 23 33	4°43'02	19°14	13°47	20°19	15°24	9°30	11°40	3°42	10°46	15°53	19°45	20°19	2°29	15°54	M27
T 28	4 27 30	5°43'48	1♐16	15°20	21° 9	16° 5	9°25	11°46	3°46	10°48	15°56	19°31	20°16	2°36	15°52	T 28
W29	4 31 26	6°44'35	13°24	16°52	21°58	16°46	9°19	11°53	3°49	10°50	15°58	19°17	20°12	2°43	15°49	W29
T 30	4 35 23	7♐45'24	25♐39	18♐24	22♑46	17♏27	9♋13	11♑59	3♑52	10♑52	16♏ 0	19♒ 5	20♒ 9	2♏49	15♋46	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	14s21	25s49	4s54	11s17	1n 4	26s45	3s23	10s12	0n33	22n46	0s14	22s44	0n23	23s41	0s16	22s12	0n52	1s48	15n 8	14s 4	14s17	15s47	15n36	6s52
T 2	14 40	27 17	4 34	11 57	0 58	26 49	3 25	10 27	0 32	22 46	0 14	22 44	0 23	23 41	0 16	22 11	0 52	1 48	15 8	14 8	14 18	15 50	15 35	6 52
F 3	14 59	27 28	4 2	12 36	0 52	26 51	3 26	10 41	0 32	22 46	0 14	22 43	0 23	23 41	0 16	22 11	0 52	1 49	15 8	14 11	14 19	15 52	15 35	6 53
S 4	15 18	26 17	3 18	13 15	0 45	26 54	3 28	10 56	0 31	22 46	0 14	22 43	0 23	23 41	0 16	22 11	0 52	1 50	15 8	14 13	14 20	15 55	15 34	6 54
S 5	15 36	23 45	2 23	13 53	0 39	26 55	3 29	11 10	0 31	22 46	0 14	22 43	0 23	23 41	0 16	22 11	0 52	1 51	15 8	14 14	14 21	15 58	15 34	6 54
M 6	15 55	19 59	1 20	14 30	0 32	26 56	3 30	11 25	0 30	22 47	0 14	22 43	0 23	23 41	0 16	22 11	0 52	1 51	15 8	14 15	14 22	16 0	15 33	6 55
T 7	16 13	15 8	0 12	15 7	0 25	26 57	3 31	11 39	0 30	22 47	0 14	22 42	0 22	23 41	0 16	22 11	0 52	1 52	15 7	14 15	14 23	16 3	15 33	6 56
W 8	16 30	9 24	1n 0	15 43	0 18	26 56	3 31	11 54	0 29	22 47	0 14	22 42	0 22	23 41	0 16	22 11	0 52	1 53	15 7	14 15	14 24	16 6	15 32	6 56
T 9	16 47	3 2	2 10	16 18	0 12	26 55	3 32	12 8	0 29	22 47	0 14	22 42	0 22	23 41	0 16	22 11	0 52	1 54	15 7	14 15	14 25	16 8	15 32	6 57
F 10	17 5	3n40	3 14	16 52	0 5	26 54	3 32	12 22	0 28	22 48	0 13	22 42	0 22	23 41	0 16	22 11	0 52	1 54	15 7	14 17	14 26	16 11	15 31	6 57
S 11	17 21	10 20	4 7	17 25	0s 2	26 52	3 33	12 36	0 28	22 48	0 13	22 41	0 22	23 41	0 16	22 11	0 52	1 55	15 7	14 19	14 27	16 14	15 31	6 58
S 12	17 38	16 31	4 43	17 58	0 8	26 49	3 33	12 50	0 27	22 48	0 13	22 41	0 22	23 41	0 16	22 11	0 52	1 56	15 7	14 22	14 28	16 16	15 30	6 59
M13	17 54	21 43	4 59	18 29	0 15	26 46	3 33	13 4	0 27	22 48	0 13	22 41	0 22	23 41	0 16	22 11	0 52	1 56	15 7	14 25	14 29	16 19	15 30	6 59
T 14	18 10	25 26	4 54	19 0	0 22	26 42	3 32	13 18	0 26	22 49	0 13	22 40	0 22	23 40	0 16	22 10	0 52	1 57	15 7	14 29	14 30	16 22	15 30	7 0
W15	18 25	27 18	4 29	19 30	0 28	26 37	3 32	13 31	0 26	22 49	0 13	22 40	0 22	23 40	0 16	22 10	0 52	1 57	15 7	14 33	14 31	16 24	15 29	7 0
T 16	18 41	27 12	3 47	19 58	0 35	26 32	3 31	13 45	0 25	22 50	0 13	22 40	0 22	23 40	0 16	22 10	0 52	1 58	15 7	14 35	14 32	16 27	15 29	7 1
F 17	18 56	25 19	2 52	20 26	0 41	26 27	3 31	13 59	0 25	22 50	0 13	22 39	0 21	23 40	0 16	22 10	0 52	1 59	15 7	14 37	14 33	16 30	15 28	7 2
S 18	19 10	22 0	1 48	20 53	0 48	26 21	3 30	14 12	0 24	22 50	0 13	22 39	0 21	23 40	0 16	22 10	0 52	1 59	15 7	14 38	14 34	16 32	15 28	7 2
S 19	19 24	17 40	0 41	21 19	0 54	26 14	3 28	14 25	0 24	22 51	0 13	22 39	0 21	23 40	0 16	22 10	0 52	2 0	15 7	14 39	14 35	16 35	15 28	7 3
M20	19 38	12 40	0s26	21 43	1 0	26 7	3 27	14 39	0 23	22 51	0 12	22 38	0 21	23 40	0 16	22 10	0 52	2 1	15 8	14 39	14 36	16 38	15 27	7 3
T 21	19 52	7 17	1 30	22 7	1 6	25 59	3 25	14 52	0 23	22 52	0 12	22 38	0 21	23 40	0 16	22 10	0 52	2 1	15 8	14 39	14 37	16 40	15 27	7 4
W22	20 5	1 45	2 28	22 30	1 12	25 51	3 24	15 5	0 22	22 52	0 12	22 37	0 21	23 40	0 16	22 10	0 52	2 2	15 8	14 39	14 38	16 43	15 27	7 4
T 23	20 18	3s45	3 19	22 51	1 17	25 43	3 22	15 18	0 22	22 53	0 12	22 37	0 21	23 40	0 16	22 10	0 52	2 2	15 8	14 40	14 39	16 46	15 27	7 5
F 24	20 30	9 5	4 2	23 11	1 23	25 34	3 19	15 31	0 21	22 53	0 12	22 37	0 21	23 40	0 16	22 9	0 52	2 3	15 8	14 43	14 40	16 48	15 26	7 5
S 25	20 42	14 5	4 33	23 30	1 28	25 24	3 17	15 43	0 21	22 53	0 12	22 36	0 21	23 40	0 16	22 9	0 52	2 3	15 8	14 46	14 41	16 51	15 26	7 6
S 26	20 54	18 34	4 53	23 48	1 33	25 14	3 14	15 56	0 20	22 54	0 12	22 36	0 21	23 40	0 16	22 9	0 52	2 4	15 8	14 49	14 42	16 53	15 26	7 6
M27	21 5	22 21	5 0	24 5	1 38	25 4	3 11	16 9	0 19	22 54	0 12	22 35	0 21	23 39	0 16	22 9	0 51	2 4	15 8	14 54	14 43	16 56	15 26	7 7
T 28	21 16	25 12	4 54	24 20	1 43	24 53	3 8	16 21	0 19	22 55	0 12	22 35	0 20	23 39	0 16	22 9	0 51	2 5	15 8	14 58	14 44	16 59	15 25	7 7
W29	21 26	26 57	4 35	24 35	1 47	24 41	3 5	16 33	0 18	22 55	0 11	22 34	0 20	23 39	0 16	22 9	0 51	2 5	15 8	15 2	14 45	17 1	15 25	7 8
T 30	21s36	27s24	4s 2	24s47	1s52	24s30	3s 1	16s45	0n18	22n56	0s11	22s34	0n20	23s39	0s16	22s 9	0n51	2s 6	15n 9	15s 6	14s46	17s 4	15n25	7s 8

Julian Day Number = 2447831.5, Delta T = 56.75 sec
Ecliptic obliquity = 23°26'33, Nutation = 0°00'09
Ayanamsha: Fagan/Bradley = 24°35'54, Lahiri = 23°42'54

created from Swiss Ephemeris, Copyright Astrodienst AG [14.2.2018]

DECEMBER 1989

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 39 19	8♐46'14	8♉ 4	19♐56	23♉33	18♏ 8	9°R 7	12♉ 5	3♉56	10♉54	16♏ 3	18°R56	20♒ 6	2♏56	15°R44	F 1
S 2	4 43 16	9°47'04	20°37	21°28	24°20	18°49	9♋ 1	12°11	3°59	10°56	16° 5	18♒49	20° 3	3° 3	15♋41	S 2
S 3	4 47 13	10°47'56	3♒22	23° 0	25° 5	19°30	8°54	12°18	4° 2	10°58	16° 7	18°46	20° 0	3°10	15°38	S 3
M 4	4 51 9	11°48'48	16°20	24°32	25°49	20°11	8°48	12°24	4° 6	11° 0	16° 9	18°D45	19°57	3°16	15°35	M 4
T 5	4 55 6	12°49'41	29°33	26° 3	26°33	20°52	8°41	12°31	4° 9	11° 2	16°12	18°45	19°53	3°23	15°32	T 5
W 6	4 59 2	13°50'35	13♓ 5	27°34	27°15	21°34	8°35	12°37	4°13	11° 4	16°14	18°R45	19°50	3°30	15°28	W 6
T 7	5 2 59	14°51'30	26°57	29° 5	27°56	22°15	8°28	12°44	4°16	11° 6	16°16	18°45	19°47	3°36	15°25	T 7
F 8	5 6 55	15°52'25	11♈10	0♉36	28°36	22°56	8°21	12°50	4°20	11° 8	16°18	18°42	19°44	3°43	15°22	F 8
S 9	5 10 52	16°53'21	25°43	2° 6	29°15	23°38	8°14	12°57	4°23	11°10	16°20	18°37	19°41	3°50	15°19	S 9
S 10	5 14 48	17°54'18	10♉31	3°36	29°53	24°19	8° 7	13° 4	4°27	11°12	16°23	18°30	19°38	3°57	15°15	S 10
M11	5 18 45	18°55'16	25°29	5° 5	0♒29	25° 0	7°59	13°10	4°30	11°14	16°25	18°21	19°34	4° 3	15°12	M11
T 12	5 22 42	19°56'14	10♊26	6°33	1° 3	25°42	7°52	13°17	4°34	11°17	16°27	18°11	19°31	4°10	15° 8	T 12
W13	5 26 38	20°57'13	25°14	8° 1	1°37	26°23	7°45	13°24	4°37	11°19	16°29	18° 2	19°28	4°17	15° 5	W13
T 14	5 30 35	21°58'13	9♋45	9°28	2° 9	27° 5	7°37	13°30	4°41	11°21	16°31	17°55	19°25	4°24	15° 1	T 14
F 15	5 34 31	22°59'14	23°52	10°53	2°39	27°46	7°29	13°37	4°44	11°23	16°33	17°50	19°22	4°30	14°58	F 15
S 16	5 38 28	24° 0'15	7♌31	12°18	3° 7	28°28	7°22	13°44	4°48	11°25	16°35	17°47	19°19	4°37	14°54	S 16
S 17	5 42 24	25° 1'18	20°44	13°40	3°34	29°10	7°14	13°51	4°51	11°27	16°37	17°D47	19°15	4°44	14°50	S 17
M18	5 46 21	26° 2'21	3♍31	15° 1	4° 0	29°51	7° 6	13°58	4°55	11°30	16°39	17°48	19°12	4°50	14°46	M18
T 19	5 50 18	27° 3'25	15°57	16°20	4°23	0♐33	6°58	14° 5	4°58	11°32	16°41	17°49	19° 9	4°57	14°43	T 19
W20	5 54 14	28° 4'30	28° 7	17°36	4°45	1°15	6°50	14°12	5° 2	11°34	16°43	17°R49	19° 6	5° 4	14°39	W20
T 21	5 58 11	29° 5'36	10♎ 5	18°49	5° 4	1°57	6°42	14°19	5° 6	11°36	16°45	17°48	19° 3	5°11	14°35	T 21
F 22	6 2 7	0♉ 6'42	21°57	19°59	5°22	2°39	6°34	14°25	5° 9	11°39	16°47	17°46	18°59	5°17	14°31	F 22
S 23	6 6 4	1° 7'50	3♏48	21° 5	5°38	3°20	6°26	14°32	5°13	11°41	16°49	17°41	18°56	5°24	14°27	S 23
S 24	6 10 0	2° 8'58	15°41	22° 5	5°51	4° 2	6°18	14°39	5°16	11°43	16°51	17°34	18°53	5°31	14°23	S 24
M25	6 13 57	3°10'06	27°41	23° 1	6° 3	4°44	6°10	14°46	5°20	11°45	16°53	17°26	18°50	5°37	14°19	M25
T 26	6 17 53	4°11'15	9♐49	23°50	6°12	5°26	6° 2	14°53	5°24	11°48	16°54	17°17	18°47	5°44	14°15	T 26
W27	6 21 50	5°12'25	22° 7	24°33	6°19	6° 8	5°54	15° 1	5°27	11°50	16°56	17° 9	18°44	5°51	14°11	W27
T 28	6 25 47	6°13'35	4♑37	25° 7	6°23	6°50	5°45	15° 8	5°31	11°52	16°58	17° 2	18°40	5°58	14° 7	T 28
F 29	6 29 43	7°14'45	17°19	25°33	6°R25	7°32	5°37	15°15	5°34	11°54	17° 0	16°56	18°37	6° 4	14° 3	F 29
S 30	6 33 40	8°15'56	0♒12	25°48	6°25	8°15	5°29	15°22	5°38	11°57	17° 1	16°53	18°34	6°11	13°59	S 30
S 31	6 37 36	9♑17'06	13♒17	25°R54	6♒22	8♐57	5♋21	15♑29	5♑42	11♑59	17♏ 3	16°D51	18♒31	6♏18	13♋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
F 1	21s46	26s29	3s18	24s59	1s56	24s18	2s57	16s57	0n17	22n57	0s11	22s34	0n20	23s39	0s16	22s 9	0n51	2s 6	15n 9	15s 9	14s47	17s 6	15n25	7s 9
S 2	21 55	24 13	2 23	25 9	2 0	24 6	2 53	17 9	0 17	22 57	0 11	22 33	0 20	23 39	0 16	22 8	0 51	2 7	15 9	15 11	14 48	17 9	15 25	7 9
S 3	22 4	20 43	1 21	25 18	2 3	23 53	2 49	17 21	0 16	22 58	0 11	22 33	0 20	23 39	0 16	22 8	0 51	2 7	15 9	15 12	14 49	17 12	15 25	7 10
M 4	22 12	16 9	0 13	25 26	2 6	23 40	2 44	17 33	0 16	22 58	0 11	22 32	0 20	23 39	0 16	22 8	0 51	2 8	15 9	15 12	14 50	17 14	15 24	7 10
T 5	22 20	10 44	0n57	25 32	2 9	23 27	2 39	17 44	0 15	22 59	0 11	22 32	0 20	23 39	0 16	22 8	0 51	2 8	15 9	15 12	14 51	17 17	15 24	7 11
W 6	22 28	4 43	2 6	25 37	2 12	23 13	2 34	17 55	0 14	22 59	0 11	22 31	0 20	23 39	0 16	22 8	0 51	2 8	15 10	15 12	14 52	17 19	15 24	7 11
T 7	22 35	1n40	3 9	25 40	2 14	23 0	2 28	18 7	0 14	23 0	0 11	22 30	0 20	23 38	0 16	22 8	0 51	2 9	15 10	15 12	14 53	17 22	15 24	7 12
F 8	22 42	8 7	4 2	25 42	2 16	22 46	2 22	18 18	0 13	23 0	0 10	22 30	0 20	23 38	0 16	22 7	0 51	2 9	15 10	15 13	14 54	17 24	15 24	7 12
S 9	22 48	14 17	4 40	25 43	2 17	22 31	2 16	18 29	0 13	23 1	0 10	22 29	0 19	23 38	0 16	22 7	0 51	2 10	15 10	15 15	14 55	17 27	15 24	7 12
S 10	22 54	19 44	5 1	25 42	2 18	22 17	2 9	18 39	0 12	23 2	0 10	22 29	0 19	23 38	0 16	22 7	0 51	2 10	15 10	15 17	14 56	17 29	15 24	7 13
M11	22 59	24 1	5 2	25 39	2 18	22 2	2 2	18 50	0 11	23 2	0 10	22 28	0 19	23 38	0 16	22 7	0 51	2 10	15 11	15 20	14 57	17 32	15 24	7 13
T 12	23 4	26 39	4 42	25 35	2 18	21 48	1 55	19 1	0 11	23 3	0 10	22 28	0 19	23 38	0 16	22 7	0 51	2 11	15 11	15 23	14 58	17 35	15 24	7 14
W13	23 8	27 24	4 3	25 30	2 18	21 33	1 47	19 11	0 10	23 3	0 10	22 27	0 19	23 38	0 16	22 7	0 51	2 11	15 11	15 26	14 59	17 37	15 24	7 14
T 14	23 12	26 13	3 9	25 23	2 17	21 18	1 40	19 21	0 10	23 4	0 10	22 26	0 19	23 38	0 16	22 7	0 51	2 11	15 11	15 28	15 0	17 40	15 24	7 14
F 15	23 15	23 23	2 5	25 15	2 15	21 3	1 31	19 31	0 9	23 4	0 9	22 26	0 19	23 38	0 16	22 6	0 51	2 12	15 12	15 29	15 1	17 42	15 24	7 15
S 16	23 18	19 17	0 55	25 5	2 13	20 48	1 23	19 41	0 8	23 5	0 9	22 25	0 19	23 37	0 16	22 6	0 51	2 12	15 12	15 30	15 2	17 45	15 24	7 15
S 17	23 21	14 20	0s16	24 54	2 10	20 33	1 14	19 51	0 8	23 6	0 9	22 25	0 19	23 37	0 16	22 6	0 51	2 12	15 12	15 30	15 3	17 47	15 24	7 15
M18	23 23	8 55	1 24	24 41	2 6	20 18	1 4	20 0	0 7	23 6	0 9	22 24	0 19	23 37	0 16	22 6	0 51	2 12	15 12	15 30	15 4	17 50	15 24	7 15
T 19	23 25	3 18	2 26	24 27	2 2	20 3	0 54	20 10	0 7	23 7	0 9	22 23	0 19	23 37	0 16	22 6	0 51	2 13	15 13	15 30	15 5	17 52	15 25	7 16
W20	23 26	2s18	3 20	24 12	1 56	19 48	0 44	20 19	0 6	23 7	0 9	22 23	0 19	23 37	0 16	22 6	0 51	2 13	15 13	15 30	15 6	17 55	15 25	7 16
T 21	23 26	7 44	4 4	23 56	1 50	19 33	0 34	20 28	0 5	23 8	0 9	22 22	0 18	23 37	0 16	22 5	0 51	2 13	15 13	15 30	15 7	17 57	15 25	7 16
F 22	23 27	12 50	4 37	23 39	1 43	19 18	0 23	20 37	0 5	23 8	0 9	22 21	0 18	23 37	0 16	22 5	0 51	2 13	15 14	15 31	15 8	18 0	15 25	7 17
S 23	23 26	17 28	4 59	23 21	1 35	19 3	0 12	20 45	0 4	23 9	0 8	22 21	0 18	23 36	0 16	22 5	0 51	2 14	15 14	15 32	15 9	18 2	15 25	7 17
S 24	23 26	21 26	5 7	23 3	1 26	18 49	0n 0	20 54	0 4	23 9	0 8	22 20	0 18	23 36	0 16	22 5	0 51	2 14	15 14	15 34	15 10	18 5	15 25	7 17
M25	23 24	24 33	5 3	22 43	1 16	18 34	0 12	21 2	0 3	23 10	0 8	22 19	0 18	23 36	0 16	22 5	0 51	2 14	15 14	15 37	15 11	18 7	15 26	7 17
T 26	23 23	26 37	4 45	22 23	1 4	18 20	0 25	21 11	0 2	23 10	0 8	22 19	0 18	23 36	0 16	22 4	0 51	2 14	15 15	15 39	15 12	18 9	15 26	7 17
W27	23 20	27 25	4 13	22 4	0 52	18 6	0 37	21 19	0 2	23 11	0 8	22 18	0 18	23 36	0 16	22 4	0 51	2 14	15 15	15 42	15 13	18 12	15 26	7 18
T 28	23 18	26 50	3 29	21 44	0 38	17 52	0 51	21 26	0 1	23 11	0 8	22 17	0 18	23 36	0 16	22 4	0 51	2 14	15 15	15 44	15 14	18 14	15 26	7 18
F 29	23 15	24 51	2 33	21 25	0 23	17 38	1 4	21 34	0 0	23 12	0 8	22 17	0 18	23 36	0 16	22 4	0 51	2 15	15 16	15 46	15 15	18 17	15 26	7 18
S 30	23 11	21 34	1 29	21 6	0 7	17 25	1 18	21 41	0s 0	23 12	0 7	22 16	0 18	23 36	0 16	22 4	0 51	2 15	15 16	15 47	15 16	18 19	15 27	7 18
S 31	23s 7	17s 9	0s19	20s48	0n10	17s12	1n32	21s49	0s 1	23n13	0s 7	22s15	0n18	23s35	0s16	22s 3	0n51	2s15	15n17	15s47	15s17	18s22	15n27	7s18

Julian Day Number = 2447861.5, Delta T = 56.80 sec
Ecliptic obliquity = 23°26'33, Nutation = 0°00'10
Ayanamsha: Fagan/Bradley = 24°35'58, Lahiri = 23°42'58

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