SWISS EPHEMERIS for the year 1646

JANUARY 1646 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
M 1	6 42 46	10♑49'32	29♊48	18♑ 8	22♒46	2♑ 4	29°R41	27♈24	28♏30	7♐12	5°R35	10°R17	11♌45	19♐22	5°R23
T 2	6 46 43	11°50'41	14♋59	19°47	23°57	2°50	29♊33	27°24	28°33	7°14	5♊34	10♌14	11°42	19°28	5♋19
W 3	6 50 40	12°51'49	29°59	21°26	25° 7	3°35	29°25	27°24	28°36	7°16	5°33	10°12	11°39	19°35	5°15
T 4	6 54 36	13°52'58	14♌39	23° 6	26°18	4°21	29°18	27°25	28°39	7°17	5°32	10°D12	11°36	19°42	5°11
F 5	6 58 33	14°54'06	28°54	24°45	27°29	5° 6	29°10	27°26	28°42	7°19	5°31	10°13	11°32	19°48	5° 6
S 6	7 2 29	15°55'14	12♍42	26°25	28°39	5°52	29° 3	27°26	28°44	7°21	5°31	10°14	11°29	19°55	5° 2
S 7	7 6 26	16°56'23	26° 3	28° 5	29°50	6°38	28°55	27°27	28°47	7°23	5°30	10°16	11°26	20° 2	4°58
M 8	7 10 22	17°57'31	8♎58	29°44	1♓ 0	7°23	28°48	27°28	28°50	7°25	5°29	10°17	11°23	20° 8	4°54
T 9	7 14 19	18°58'38	21°32	1♒24	2°10	8° 9	28°41	27°29	28°53	7°27	5°28	10°R17	11°20	20°15	4°50
W10	7 18 15	19°59'46	3♏48	3° 3	3°20	8°55	28°34	27°31	28°55	7°29	5°27	10°17	11°16	20°22	4°46
T 11	7 22 12	21° 0'54	15°52	4°41	4°30	9°41	28°27	27°32	28°58	7°30	5°27	10°15	11°13	20°28	4°42
F 12	7 26 9	22° 2'01	27°47	6°19	5°39	10°27	28°20	27°33	29° 1	7°32	5°26	10°12	11°10	20°35	4°38
S 13	7 30 5	23° 3'08	9♐38	7°56	6°49	11°12	28°13	27°35	29° 3	7°34	5°25	10°10	11° 7	20°42	4°35
S 14	7 34 2	24° 4'14	21°27	9°31	7°58	11°58	28° 6	27°37	29° 6	7°35	5°24	10° 7	11° 4	20°49	4°31
M15	7 37 58	25° 5'20	3♑19	11° 5	9° 7	12°44	28° 0	27°38	29° 8	7°37	5°24	10° 4	11° 1	20°55	4°27
T 16	7 41 55	26° 6'26	15°14	12°37	10°16	13°30	27°53	27°40	29°11	7°39	5°23	10° 2	10°57	21° 2	4°23
W17	7 45 51	27° 7'30	27°15	14° 7	11°25	14°17	27°47	27°42	29°13	7°40	5°22	10° 1	10°54	21° 9	4°19
T 18	7 49 48	28° 8'34	9♒24	15°33	12°34	15° 3	27°41	27°44	29°15	7°42	5°22	10°D 1	10°51	21°15	4°16
F 19	7 53 45	29° 9'38	21°43	16°56	13°43	15°49	27°35	27°47	29°18	7°44	5°21	10° 1	10°48	21°22	4°12
S 20	7 57 41	0♒10'40	4♓12	18°15	14°51	16°35	27°29	27°49	29°20	7°45	5°21	10° 2	10°45	21°29	4° 8
S 21	8 1 38	1°11'41	16°54	19°29	15°59	17°21	27°24	27°51	29°22	7°47	5°20	10° 3	10°42	21°35	4° 5
M22	8 5 34	2°12'41	29°50	20°38	17° 7	18° 7	27°18	27°54	29°24	7°48	5°19	10° 4	10°38	21°42	4° 1
T 23	8 9 31	3°13'40	13♈ 2	21°40	18°15	18°53	27°13	27°56	29°27	7°50	5°19	10° 4	10°35	21°49	3°58
W24	8 13 27	4°14'37	26°31	22°35	19°23	19°40	27° 8	27°59	29°29	7°51	5°18	10° 5	10°32	21°55	3°54
T 25	8 17 24	5°15'33	10♉20	23°22	20°30	20°26	27° 3	28° 2	29°31	7°53	5°18	10°R 5	10°29	22° 2	3°51
F 26	8 21 20	6°16'29	24°27	24° 0	21°37	21°12	26°58	28° 5	29°33	7°54	5°17	10° 4	10°26	22° 9	3°48
S 27	8 25 17	7°17'22	8♊51	24°29	22°44	21°59	26°53	28° 8	29°35	7°55	5°17	10° 4	10°22	22°16	3°45
S 28	8 29 13	8°18'15	23°29	24°47	23°51	22°45	26°49	28°11	29°36	7°57	5°16	10° 4	10°19	22°22	3°41
M29	8 33 10	9°19'06	8♋17	24°R55	24°57	23°32	26°44	28°14	29°38	7°58	5°16	10° 4	10°16	22°29	3°38
T 30	8 37 7	10°19'55	23° 7	24°52	26° 4	24°18	26°40	28°18	29°40	7°59	5°15	10°D 4	10°13	22°36	3°35
W31	8 41 3	11♒20'44	7♌52	24♒38	27♓10	25♑ 4	26♊36	28♈21	29♏42	8♐ 1	5♊15	10°R 4	10♌10	22♐42	3♋32

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 2	20n 5	3s24	24s21	2s 7	15s33	1s42	24s10	0s42	23n20	0s 9	8n12	2s32	19s40	0n12	20s 2	1n33	10n12	11s15	17n42	17n18	18s59	16n15	7s 8
T 2	22 57	20 25	2 14	24 7	2 7	15 8	1 39	24 10	0 43	23 21	0 8	8 12	2 32	19 41	0 12	20 2	1 33	10 12	11 15	17 43	17 19	19 0	16 15	7 8
W 3	22 52	19 17	0 56	23 52	2 7	14 42	1 37	24 9	0 43	23 21	0 8	8 13	2 31	19 41	0 12	20 2	1 33	10 12	11 14	17 43	17 19	19 1	16 15	7 8
T 4	22 45	16 51	0n24	23 35	2 7	14 15	1 35	24 9	0 44	23 21	0 8	8 13	2 31	19 42	0 12	20 2	1 33	10 12	11 14	17 43	17 20	19 2	16 15	7 8
F 5	22 39	13 27	1 41	23 17	2 6	13 49	1 32	24 7	0 44	23 21	0 8	8 14	2 31	19 43	0 12	20 3	1 33	10 12	11 14	17 43	17 21	19 4	16 15	7 8
S 6	22 32	9 25	2 49	22 57	2 4	13 22	1 30	24 6	0 45	23 21	0 8	8 14	2 30	19 43	0 12	20 3	1 33	10 12	11 14	17 43	17 22	19 5	16 16	7 8
S 7	22 24	5 2	3 46	22 35	2 2	12 54	1 27	24 4	0 45	23 21	0 8	8 15	2 30	19 44	0 12	20 3	1 33	10 12	11 14	17 42	17 23	19 6	16 16	7 8
M 8	22 17	0 34	4 30	22 11	2 0	12 27	1 24	24 2	0 46	23 21	0 8	8 16	2 30	19 44	0 12	20 4	1 33	10 12	11 13	17 42	17 24	19 7	16 16	7 8
T 9	22 8	3s47	4 59	21 47	1 56	11 59	1 21	24 0	0 46	23 21	0 7	8 16	2 30	19 45	0 12	20 4	1 33	10 12	11 13	17 42	17 25	19 8	16 16	7 8
W10	21 59	7 53	5 13	21 20	1 53	11 31	1 18	23 58	0 47	23 21	0 7	8 17	2 29	19 46	0 12	20 4	1 33	10 12	11 13	17 42	17 26	19 9	16 16	7 8
T 11	21 50	11 36	5 14	20 52	1 48	11 3	1 15	23 55	0 47	23 21	0 7	8 18	2 29	19 46	0 12	20 4	1 33	10 12	11 13	17 42	17 26	19 10	16 17	7 8
F 12	21 41	14 49	5 1	20 23	1 43	10 34	1 12	23 52	0 48	23 21	0 7	8 19	2 29	19 47	0 12	20 5	1 33	10 12	11 13	17 43	17 27	19 11	16 17	7 7
S 13	21 31	17 24	4 35	19 53	1 37	10 5	1 8	23 49	0 48	23 22	0 7	8 19	2 28	19 47	0 12	20 5	1 33	10 13	11 12	17 44	17 28	19 12	16 17	7 7
S 14	21 20	19 16	3 57	19 21	1 30	9 36	1 5	23 45	0 49	23 22	0 7	8 20	2 28	19 48	0 12	20 5	1 33	10 13	11 12	17 45	17 29	19 13	16 17	7 7
M15	21 9	20 17	3 9	18 48	1 22	9 7	1 1	23 41	0 49	23 22	0 6	8 21	2 28	19 48	0 12	20 5	1 33	10 13	11 12	17 45	17 30	19 14	16 18	7 7
T 16	20 58	20 25	2 13	18 14	1 14	8 37	0 58	23 37	0 50	23 22	0 6	8 22	2 27	19 49	0 12	20 6	1 33	10 13	11 12	17 46	17 31	19 15	16 18	7 7
W17	20 46	19 36	1 10	17 40	1 5	8 7	0 54	23 33	0 50	23 22	0 6	8 23	2 27	19 49	0 12	20 6	1 33	10 13	11 11	17 46	17 32	19 16	16 18	7 7
T 18	20 34	17 53	0 3	17 4	0 55	7 38	0 50	23 28	0 51	23 22	0 6	8 24	2 27	19 50	0 12	20 6	1 33	10 13	11 11	17 46	17 33	19 17	16 19	7 6
F 19	20 22	15 19	1s 4	16 29	0 44	7 8	0 46	23 24	0 51	23 22	0 6	8 25	2 27	19 50	0 12	20 6	1 33	10 13	11 11	17 46	17 33	19 18	16 19	7 6
S 20	20 9	12 0	2 10	15 53	0 32	6 37	0 42	23 18	0 52	23 22	0 6	8 26	2 26	19 51	0 12	20 6	1 33	10 13	11 11	17 46	17 34	19 19	16 19	7 6
S 21	19 56	8 7	3 11	15 18	0 19	6 7	0 38	23 13	0 52	23 22	0 6	8 27	2 26	19 51	0 12	20 7	1 33	10 13	11 11	17 46	17 35	19 20	16 20	7 6
M22	19 42	3 47	4 3	14 44	0 5	5 37	0 34	23 7	0 53	23 22	0 5	8 29	2 26	19 52	0 12	20 7	1 33	10 14	11 10	17 45	17 36	19 21	16 20	7 6
T 23	19 28	0n48	4 43	14 10	0n 9	5 6	0 29	23 2	0 53	23 22	0 5	8 30	2 25	19 52	0 12	20 7	1 33	10 14	11 10	17 45	17 37	19 22	16 20	7 5
W24	19 14	5 27	5 9	13 38	0 24	4 36	0 25	22 55	0 54	23 22	0 5	8 31	2 25	19 53	0 12	20 7	1 33	10 14	11 10	17 45	17 38	19 23	16 21	7 5
T 25	18 59	9 55	5 18	13 7	0 40	4 5	0 20	22 49	0 54	23 22	0 5	8 32	2 25	19 53	0 12	20 7	1 34	10 14	11 10	17 45	17 39	19 24	16 21	7 5
F 26	18 44	13 56	5 8	12 39	0 57	3 34	0 16	22 42	0 54	23 22	0 5	8 34	2 25	19 54	0 12	20 8	1 34	10 14	11 9	17 45	17 40	19 25	16 21	7 4
S 27	18 29	17 14	4 39	12 13	1 14	3 4	0 11	22 35	0 55	23 22	0 5	8 35	2 24	19 54	0 12	20 8	1 34	10 14	11 9	17 45	17 40	19 26	16 22	7 4
S 28	18 13	19 29	3 51	11 51	1 31	2 33	0 6	22 28	0 55	23 22	0 5	8 36	2 24	19 55	0 12	20 8	1 34	10 15	11 9	17 45	17 41	19 27	16 22	7 4
M29	17 57	20 26	2 48	11 32	1 48	2 2	0 2	22 21	0 56	23 22	0 4	8 38	2 24	19 55	0 12	20 8	1 34	10 15	11 9	17 45	17 42	19 28	16 23	7 4
T 30	17 41	19 58	1 33	11 17	2 6	1 31	0n 3	22 13	0 56	23 22	0 4	8 39	2 23	19 55	0 12	20 8	1 34	10 15	11 8	17 45	17 43	19 29	16 23	7 3
W31	17s24	18n 8	0s12	11s 6	2n22	1s 0	0n 8	22s 5	0s57	23n22	0s 4	8n41	2s23	19s56	0n12	20s 9	1n34	10n15	11s 8	17n45	17n44	19s30	16n23	7s 3

Julian Day Number = 2322249.5, Delta T = 51.26 sec
Ecliptic obliquity = 23°29'00, Nutation = - 0°00'13
Ayanamsha: Fagan/Bradley = 19°47'58, Lahiri = 18°54'58Greg. Calendar

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FEBRUARY 1646 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
T 1	8 45 0	12♒21'31	22♌25	24°R12	28♓15	25♉51	26°R33	28♈25	29♏44	8♐ 2	5°R15	10°R 4	10♌ 7	22♐49	3°R29
F 2	8 48 56	13°22'17	6♍39	23♒37	29°21	26°37	26♊29	28°28	29°45	8° 3	5♊14	10♌ 4	10° 3	22°56	3♋27
S 3	8 52 53	14°23'01	20°31	22°52	0♈26	27°24	26°26	28°32	29°47	8° 4	5°14	10° 3	10° 0	23° 2	3°24
S 4	8 56 49	15°23'45	3♎58	21°59	1°31	28°10	26°22	28°36	29°48	8° 5	5°14	10° 3	9°57	23° 9	3°21
M 5	9 0 46	16°24'27	17° 1	20°58	2°35	28°57	26°19	28°40	29°50	8° 7	5°13	10° 2	9°54	23°16	3°19
T 6	9 4 42	17°25'08	29°41	19°53	3°40	29°44	26°17	28°44	29°51	8° 8	5°13	10° 1	9°51	23°22	3°16
W 7	9 8 39	18°25'49	12♏ 2	18°44	4°43	0♒30	26°14	28°48	29°53	8° 9	5°13	10° 1	9°47	23°29	3°14
T 8	9 12 36	19°26'28	24° 8	17°34	5°47	1°17	26°12	28°52	29°54	8°10	5°13	10°D 1	9°44	23°36	3°11
F 9	9 16 32	20°27'05	6♐ 4	16°25	6°50	2° 4	26° 9	28°56	29°55	8°11	5°13	10° 1	9°41	23°42	3° 9
S 10	9 20 29	21°27'42	17°55	15°18	7°53	2°50	26° 7	29° 0	29°57	8°12	5°12	10° 2	9°38	23°49	3° 7
S 11	9 24 25	22°28'18	29°44	14°14	8°56	3°37	26° 6	29° 5	29°58	8°13	5°12	10° 3	9°35	23°56	3° 4
M12	9 28 22	23°28'52	11♑37	13°16	9°58	4°24	26° 4	29° 9	29°59	8°13	5°12	10° 5	9°32	24° 3	3° 2
T 13	9 32 18	24°29'25	23°37	12°23	11° 0	5°11	26° 2	29°14	0♐ 0	8°14	5°12	10° 6	9°28	24° 9	3° 0
W14	9 36 15	25°29'56	5♒47	11°38	12° 2	5°57	26° 1	29°19	0° 1	8°15	5°12	10°R 6	9°25	24°16	2°58
T 15	9 40 11	26°30'26	18° 9	10°59	13° 3	6°44	26° 0	29°23	0° 2	8°16	5°12	10° 6	9°22	24°23	2°57
F 16	9 44 8	27°30'54	0♓45	10°28	14° 4	7°31	25°59	29°28	0° 3	8°17	5°12	10° 5	9°19	24°29	2°55
S 17	9 48 5	28°31'20	13°35	10° 5	15° 4	8°18	25°59	29°33	0° 4	8°17	5°12	10° 3	9°16	24°36	2°53
S 18	9 52 1	29°31'45	26°39	9°49	16° 4	9° 5	25°58	29°38	0° 5	8°18	5°D12	10° 1	9°13	24°43	2°52
M19	9 55 58	0♓32'08	9♈57	9°40	17° 3	9°51	25°58	29°43	0° 6	8°19	5°12	9°57	9° 9	24°49	2°50
T 20	9 59 54	1°32'29	23°28	9°D38	18° 2	10°38	25°D58	29°49	0° 6	8°19	5°12	9°54	9° 6	24°56	2°49
W21	10 3 51	2°32'48	7♉10	9°43	19° 1	11°25	25°58	29°54	0° 7	8°20	5°12	9°52	9° 3	25° 3	2°47
T 22	10 7 47	3°33'05	21° 3	9°54	19°59	12°12	25°59	29°59	0° 8	8°21	5°12	9°50	9° 0	25° 9	2°46
F 23	10 11 44	4°33'20	5♊ 6	10°11	20°56	12°59	25°59	0♉ 5	0° 8	8°21	5°12	9°D50	8°57	25°16	2°45
S 24	10 15 40	5°33'33	19°16	10°33	21°53	13°46	26° 0	0°10	0° 9	8°22	5°12	9°50	8°53	25°23	2°44
S 25	10 19 37	6°33'43	3♋33	11° 0	22°49	14°33	26° 1	0°16	0° 9	8°22	5°12	9°51	8°50	25°29	2°43
M26	10 23 34	7°33'52	17°53	11°33	23°45	15°20	26° 2	0°21	0°10	8°23	5°13	9°53	8°47	25°36	2°42
T 27	10 27 30	8°33'59	2♌15	12° 9	24°40	16° 7	26° 4	0°27	0°10	8°23	5°13	9°54	8°44	25°43	2°41
W28	10 31 27	9♓34'03	16♌32	12♒50	25♈35	16♒54	26♊ 5	0♉33	0♐10	8♐23	5♊13	9°R54	8♌41	25♐49	2♋41

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	17s 8	15n 8	1n 8	10s59	2n38	0s29	0n14	21s57	0s57	23n22	0s 4	8n42	2s23	19s56	0n12	20s 9	1n34	10n15	11s 8	17n45	17n45	19s30	16n24	7s 3
F 2	16 50	11 17	2 22	10 57	2 53	0n 2	0 19	21 48	0 57	23 22	0 4	8 44	2 23	19 56	0 12	20 9	1 34	10 16	11 7	17 45	17 46	19 31	16 24	7 2
S 3	16 33	6 56	3 26	10 59	3 6	0 32	0 24	21 40	0 58	23 22	0 4	8 45	2 22	19 57	0 12	20 9	1 34	10 16	11 7	17 46	17 46	19 32	16 25	7 2
S 4	16 15	2 21	4 17	11 5	3 18	1 3	0 29	21 31	0 58	23 23	0 3	8 47	2 22	19 57	0 12	20 9	1 34	10 16	11 7	17 46	17 47	19 33	16 25	7 1
M 5	15 57	2s12	4 52	11 15	3 28	1 34	0 35	21 22	0 59	23 23	0 3	8 48	2 22	19 57	0 12	20 9	1 34	10 16	11 7	17 46	17 48	19 34	16 26	7 1
T 6	15 39	6 30	5 12	11 28	3 35	2 5	0 40	21 12	0 59	23 23	0 3	8 50	2 22	19 58	0 12	20 9	1 34	10 16	11 6	17 46	17 49	19 35	16 26	7 1
W 7	15 20	10 26	5 17	11 44	3 40	2 35	0 46	21 3	0 59	23 23	0 3	8 52	2 21	19 58	0 12	20 10	1 34	10 17	11 6	17 46	17 50	19 36	16 27	7 0
T 8	15 1	13 52	5 8	12 3	3 43	3 6	0 52	20 53	1 0	23 23	0 3	8 54	2 21	19 58	0 12	20 10	1 34	10 17	11 6	17 46	17 51	19 37	16 27	7 0
F 9	14 42	16 41	4 45	12 23	3 44	3 36	0 57	20 43	1 0	23 23	0 3	8 55	2 21	19 59	0 12	20 10	1 34	10 17	11 6	17 46	17 51	19 38	16 27	6 59
S 10	14 23	18 46	4 11	12 45	3 42	4 6	1 3	20 32	1 0	23 23	0 3	8 57	2 21	19 59	0 12	20 10	1 34	10 17	11 5	17 46	17 52	19 39	16 28	6 59
S 11	14 3	20 3	3 26	13 7	3 38	4 36	1 9	20 22	1 1	23 23	0 3	8 59	2 20	19 59	0 12	20 10	1 34	10 18	11 5	17 46	17 53	19 40	16 28	6 59
M12	13 43	20 28	2 31	13 29	3 32	5 6	1 15	20 11	1 1	23 23	0 2	9 1	2 20	19 59	0 12	20 10	1 34	10 18	11 5	17 45	17 54	19 41	16 29	6 58
T 13	13 23	19 56	1 30	13 51	3 24	5 36	1 21	20 0	1 2	23 23	0 2	9 3	2 20	20 0	0 12	20 10	1 34	10 18	11 5	17 45	17 55	19 42	16 29	6 58
W14	13 3	18 28	0 24	14 12	3 15	6 6	1 27	19 49	1 2	23 23	0 2	9 4	2 20	20 0	0 12	20 10	1 34	10 18	11 4	17 45	17 56	19 43	16 30	6 57
T 15	12 42	16 7	0s44	14 32	3 5	6 36	1 33	19 38	1 2	23 23	0 2	9 6	2 19	20 0	0 12	20 10	1 34	10 19	11 4	17 45	17 57	19 43	16 30	6 57
F 16	12 21	12 58	1 52	14 52	2 54	7 5	1 39	19 26	1 3	23 24	0 2	9 8	2 19	20 0	0 12	20 10	1 34	10 19	11 4	17 45	17 57	19 44	16 31	6 56
S 17	12 1	9 9	2 55	15 9	2 42	7 34	1 46	19 14	1 3	23 24	0 2	9 10	2 19	20 0	0 12	20 10	1 35	10 19	11 3	17 46	17 58	19 45	16 31	6 56
S 18	11 40	4 51	3 49	15 26	2 29	8 3	1 52	19 2	1 3	23 24	0 2	9 12	2 19	20 1	0 12	20 11	1 35	10 19	11 3	17 46	17 59	19 46	16 32	6 55
M19	11 18	0 14	4 33	15 40	2 16	8 32	1 58	18 50	1 4	23 24	0 1	9 14	2 18	20 1	0 12	20 11	1 35	10 20	11 3	17 47	18 0	19 47	16 32	6 55
T 20	10 57	4n27	5 2	15 54	2 3	9 0	2 5	18 37	1 4	23 24	0 1	9 16	2 18	20 1	0 12	20 11	1 35	10 20	11 3	17 48	18 1	19 48	16 33	6 54
W21	10 35	8 58	5 14	16 5	1 50	9 29	2 11	18 25	1 4	23 24	0 1	9 18	2 18	20 1	0 12	20 11	1 35	10 20	11 2	17 49	18 2	19 49	16 33	6 54
T 22	10 13	13 5	5 9	16 15	1 37	9 57	2 17	18 12	1 4	23 24	0 1	9 20	2 18	20 1	0 12	20 11	1 35	10 20	11 2	17 49	18 2	19 50	16 34	6 53
F 23	9 51	16 31	4 45	16 23	1 24	10 24	2 24	17 59	1 5	23 24	0 1	9 22	2 17	20 1	0 12	20 11	1 35	10 21	11 2	17 49	18 3	19 51	16 34	6 53
S 24	9 29	19 0	4 3	16 29	1 11	10 52	2 31	17 46	1 5	23 25	0 1	9 25	2 17	20 1	0 12	20 11	1 35	10 21	11 2	17 49	18 4	19 51	16 35	6 52
S 25	9 7	20 20	3 7	16 34	0 58	11 19	2 37	17 32	1 5	23 25	0 1	9 27	2 17	20 1	0 12	20 11	1 35	10 21	11 1	17 49	18 5	19 52	16 36	6 52
M26	8 45	20 20	1 58	16 37	0 46	11 46	2 44	17 19	1 6	23 25	0 1	9 29	2 17	20 2	0 12	20 11	1 35	10 22	11 1	17 48	18 6	19 53	16 36	6 51
T 27	8 22	19 1	0 42	16 39	0 33	12 13	2 50	17 5	1 6	23 25	0 0	9 31	2 17	20 2	0 12	20 11	1 35	10 22	11 1	17 48	18 7	19 54	16 37	6 51
W28	8s 0	16n29	0n36	16s39	0n22	12n39	2n57	16s51	1s 6	23n25	0s 0	9n33	2s16	20s 2	0n12	20s11	1n35	10n22	11s 0	17n48	18n 7	19s55	16n37	6s50

Julian Day Number = 2322280.5, Delta T = 51.10 sec
Ecliptic obliquity = 23°29'01, Nutation = - 0°00'12
Ayanamsha: Fagan/Bradley = 19°48'02, Lahiri = 18°55'02Greg. Calendar

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MARCH 1646 GC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
T 1	10 35 23	10♓34'06	0♍42	13♒35	26♈29	17♒41	26♊ 7	0♉38	0♐10	8♐24	5♊13	9°R53	8♌38	25♐56	2°R40
F 2	10 39 20	11°34'06	14°40	14°23	27°22	18°28	26° 9	0°44	0°11	8°24	5°13	9♌50	8°34	26° 3	2♋40
S 3	10 43 16	12°34'05	28°22	15°15	28°14	19°14	26°11	0°50	0°11	8°24	5°14	9°45	8°31	26° 9	2°39
S 4	10 47 13	13°34'01	11♎45	16°10	29° 6	20° 1	26°13	0°56	0°11	8°24	5°14	9°40	8°28	26°16	2°39
M 5	10 51 9	14°33'56	24°47	17° 8	29°57	20°48	26°16	1° 2	0°R11	8°25	5°14	9°34	8°25	26°23	2°39
T 6	10 55 6	15°33'49	7♏29	18° 8	0♉47	21°35	26°19	1° 8	0°11	8°25	5°15	9°28	8°22	26°30	2°39
W 7	10 59 3	16°33'41	19°53	19°11	1°37	22°22	26°21	1°15	0°11	8°25	5°15	9°23	8°19	26°36	2°D39
T 8	11 2 59	17°33'31	2♐ 1	20°16	2°25	23° 9	26°24	1°21	0°11	8°25	5°15	9°20	8°15	26°43	2°39
F 9	11 6 56	18°33'19	13°58	21°24	3°13	23°56	26°28	1°27	0°10	8°25	5°16	9°D19	8°12	26°50	2°39
S 10	11 10 52	19°33'05	25°50	22°34	4° 0	24°43	26°31	1°33	0°10	8°R25	5°16	9°19	8° 9	26°56	2°39
S 11	11 14 49	20°32'50	7♑40	23°46	4°46	25°30	26°35	1°40	0°10	8°25	5°17	9°20	8° 6	27° 3	2°39
M12	11 18 45	21°32'33	19°33	25° 0	5°31	26°17	26°39	1°46	0° 9	8°25	5°17	9°22	8° 3	27°10	2°40
T 13	11 22 42	22°32'14	1♒36	26°16	6°15	27° 4	26°43	1°53	0° 9	8°25	5°18	9°23	7°59	27°16	2°40
W14	11 26 38	23°31'53	13°52	27°33	6°58	27°51	26°47	1°59	0° 9	8°25	5°18	9°R23	7°56	27°23	2°41
T 15	11 30 35	24°31'30	26°24	28°53	7°40	28°38	26°51	2° 6	0° 8	8°25	5°19	9°22	7°53	27°30	2°42
F 16	11 34 32	25°31'06	9♓15	0♓14	8°21	29°25	26°56	2°13	0° 8	8°25	5°19	9°18	7°50	27°36	2°42
S 17	11 38 28	26°30'39	22°25	1°36	9° 1	0♓12	27° 0	2°19	0° 7	8°24	5°20	9°12	7°47	27°43	2°43
S 18	11 42 25	27°30'11	5♈54	3° 1	9°39	0°59	27° 5	2°26	0° 6	8°24	5°21	9° 5	7°44	27°50	2°44
M19	11 46 21	28°29'40	19°39	4°26	10°17	1°46	27°10	2°33	0° 6	8°24	5°21	8°57	7°40	27°56	2°45
T 20	11 50 18	29°29'07	3♉37	5°54	10°53	2°33	27°15	2°40	0° 5	8°24	5°22	8°48	7°37	28° 3	2°47
W21	11 54 14	0♈28'32	17°43	7°22	11°27	3°20	27°21	2°47	0° 4	8°23	5°22	8°41	7°34	28°10	2°48
T 22	11 58 11	1°27'55	1♊54	8°53	12° 0	4° 7	27°26	2°54	0° 3	8°23	5°23	8°35	7°31	28°16	2°49
F 23	12 2 7	2°27'15	16° 6	10°24	12°32	4°54	27°32	3° 1	0° 2	8°22	5°24	8°32	7°28	28°23	2°51
S 24	12 6 4	3°26'34	0♋16	11°57	13° 2	5°41	27°38	3° 8	0° 1	8°22	5°25	8°D31	7°24	28°30	2°52
S 25	12 10 0	4°25'49	14°23	13°32	13°31	6°28	27°44	3°15	0° 0	8°22	5°25	8°31	7°21	28°36	2°54
M26	12 13 57	5°25'03	28°25	15° 8	13°58	7°15	27°50	3°22	29♏59	8°21	5°26	8°32	7°18	28°43	2°55
T 27	12 17 54	6°24'14	12♌22	16°45	14°23	8° 2	27°56	3°29	29°58	8°21	5°27	8°R32	7°15	28°50	2°57
W28	12 21 50	7°23'22	26°13	18°24	14°47	8°48	28° 3	3°36	29°57	8°20	5°28	8°31	7°12	28°56	2°59
T 29	12 25 47	8°22'29	9♍56	20° 4	15° 9	9°35	28° 9	3°44	29°56	8°19	5°28	8°27	7° 9	29° 3	3° 1
F 30	12 29 43	9°21'33	23°29	21°46	15°29	10°22	28°16	3°51	29°54	8°19	5°29	8°20	7° 5	29°10	3° 3
S 31	12 33 40	10♈20'35	6♎50	23♓29	15♉46	11♓ 9	28♊23	3♉58	29♏53	8♐18	5♊30	8♌12	7♌ 2	29♐16	3♋ 5

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	7s37	12n59	1n52	16s37	0n10	13n 5	3n 4	16s37	1s 6	23n25	0s 0	9n35	2s16	20s 2	0n12	20s11	1n35	10n23	11s 0	17n48	18n 8	19s56	16n38	6s50
F 2	7 14	8 48	2 59	16 34	0s 1	13 31	3 10	16 23	1 7	23 26	0 0	9 38	2 16	20 2	0 12	20 11	1 35	10 23	11 0	17 49	18 9	19 57	16 38	6 49
S 3	6 51	4 14	3 54	16 29	0 12	13 56	3 17	16 8	1 7	23 26	0n 0	9 40	2 16	20 2	0 12	20 11	1 35	10 23	11 0	17 50	18 10	19 57	16 39	6 49
S 4	6 28	0s25	4 36	16 22	0 22	14 21	3 24	15 54	1 7	23 26	0 0	9 42	2 16	20 2	0 12	20 11	1 35	10 23	10 59	17 52	18 11	19 58	16 39	6 48
M 5	6 5	4 56	5 1	16 14	0 32	14 45	3 31	15 39	1 7	23 26	0 0	9 44	2 15	20 2	0 12	20 11	1 35	10 24	10 59	17 54	18 12	19 59	16 40	6 48
T 6	5 42	9 7	5 11	16 5	0 42	15 10	3 37	15 24	1 8	23 26	0 0	9 47	2 15	20 2	0 12	20 11	1 35	10 24	10 59	17 55	18 12	20 0	16 40	6 47
W 7	5 19	12 49	5 6	15 54	0 51	15 33	3 44	15 9	1 8	23 27	0 1	9 49	2 15	20 2	0 12	20 11	1 35	10 24	10 59	17 56	18 13	20 1	16 41	6 47
T 8	4 55	15 54	4 47	15 42	1 0	15 57	3 51	14 54	1 8	23 27	0 1	9 51	2 15	20 2	0 12	20 11	1 35	10 25	10 58	17 57	18 14	20 2	16 41	6 46
F 9	4 32	18 17	4 16	15 28	1 8	16 20	3 57	14 38	1 8	23 27	0 1	9 54	2 15	20 2	0 12	20 11	1 35	10 25	10 58	17 57	18 15	20 2	16 42	6 46
S 10	4 9	19 50	3 35	15 13	1 16	16 42	4 4	14 23	1 8	23 27	0 1	9 56	2 15	20 2	0 12	20 11	1 36	10 25	10 58	17 57	18 16	20 3	16 43	6 45
S 11	3 45	20 32	2 44	14 56	1 23	17 4	4 11	14 7	1 9	23 27	0 1	9 58	2 14	20 2	0 12	20 11	1 36	10 26	10 57	17 57	18 17	20 4	16 43	6 44
M12	3 22	20 19	1 46	14 38	1 30	17 26	4 17	13 51	1 9	23 28	0 1	10 1	2 14	20 1	0 12	20 11	1 36	10 26	10 57	17 57	18 17	20 5	16 44	6 44
T 13	2 58	19 9	0 42	14 18	1 37	17 47	4 24	13 35	1 9	23 28	0 1	10 3	2 14	20 1	0 12	20 10	1 36	10 26	10 57	17 56	18 18	20 6	16 44	6 43
W14	2 34	17 5	0s24	13 57	1 43	18 7	4 31	13 19	1 9	23 28	0 1	10 6	2 14	20 1	0 12	20 10	1 36	10 27	10 57	17 56	18 19	20 6	16 45	6 43
T 15	2 11	14 10	1 31	13 35	1 49	18 27	4 37	13 3	1 9	23 28	0 2	10 8	2 14	20 1	0 12	20 10	1 36	10 27	10 56	17 57	18 20	20 7	16 45	6 42
F 16	1 47	10 30	2 34	13 11	1 54	18 47	4 44	12 47	1 9	23 29	0 2	10 10	2 14	20 1	0 12	20 10	1 36	10 28	10 56	17 58	18 21	20 8	16 46	6 42
S 17	1 23	6 14	3 31	12 46	1 59	19 6	4 50	12 30	1 10	23 29	0 2	10 13	2 13	20 1	0 12	20 10	1 36	10 28	10 56	17 59	18 22	20 9	16 46	6 41
S 18	1 0	1 35	4 17	12 20	2 3	19 25	4 56	12 14	1 10	23 29	0 2	10 15	2 13	20 1	0 12	20 10	1 36	10 28	10 56	18 1	18 22	20 10	16 47	6 41
M19	0 36	3n14	4 50	11 52	2 7	19 43	5 3	11 57	1 10	23 29	0 2	10 18	2 13	20 1	0 12	20 10	1 36	10 29	10 55	18 3	18 23	20 10	16 47	6 40
T 20	0 12	7 57	5 5	11 24	2 11	20 0	5 9	11 40	1 10	23 29	0 2	10 20	2 13	20 1	0 12	20 10	1 36	10 29	10 55	18 6	18 24	20 11	16 48	6 40
W21	0n11	12 18	5 3	10 53	2 14	20 17	5 15	11 23	1 10	23 30	0 2	10 23	2 13	20 0	0 12	20 10	1 36	10 29	10 55	18 7	18 25	20 12	16 48	6 39
T 22	0 35	15 59	4 42	10 22	2 16	20 33	5 21	11 6	1 10	23 30	0 2	10 25	2 13	20 0	0 12	20 10	1 36	10 30	10 55	18 9	18 26	20 13	16 49	6 38
F 23	0 59	18 43	4 4	9 49	2 19	20 49	5 27	10 49	1 10	23 30	0 2	10 28	2 12	20 0	0 12	20 10	1 36	10 30	10 54	18 10	18 26	20 14	16 49	6 38
S 24	1 22	20 19	3 10	9 15	2 20	21 4	5 33	10 32	1 10	23 30	0 3	10 30	2 12	20 0	0 12	20 10	1 36	10 30	10 54	18 10	18 27	20 14	16 50	6 37
S 25	1 46	20 37	2 6	8 40	2 22	21 18	5 38	10 15	1 10	23 30	0 3	10 33	2 12	20 0	0 12	20 9	1 36	10 31	10 54	18 10	18 28	20 15	16 50	6 37
M26	2 9	19 38	0 54	8 3	2 22	21 31	5 44	9 57	1 10	23 31	0 3	10 35	2 12	19 59	0 12	20 9	1 36	10 31	10 54	18 10	18 29	20 16	16 51	6 36
T 27	2 33	17 27	0n21	7 26	2 23	21 44	5 49	9 40	1 11	23 31	0 3	10 38	2 12	19 59	0 12	20 9	1 36	10 31	10 53	18 10	18 30	20 17	16 51	6 36
W28	2 56	14 16	1 33	6 47	2 22	21 56	5 54	9 22	1 11	23 31	0 3	10 40	2 12	19 59	0 12	20 9	1 36	10 32	10 53	18 10	18 30	20 17	16 52	6 35
T 29	3 20	10 19	2 40	6 7	2 22	22 7	5 59	9 5	1 11	23 31	0 3	10 43	2 12	19 59	0 12	20 9	1 36	10 32	10 53	18 11	18 31	20 18	16 52	6 35
F 30	3 43	5 54	3 36	5 25	2 21	22 18	6 4	8 47	1 11	23 32	0 3	10 46	2 12	19 58	0 12	20 9	1 36	10 33	10 53	18 13	18 32	20 19	16 53	6 34
S 31	4n 6	1n15	4n20	4s43	2s19	22n28	6n 9	8s29	1s11	23n32	0n 3	10n48	2s11	19s58	0n12	20s 9	1n36	10n33	10s53	18n15	18n33	20s20	16n53	6s34

Julian Day Number = 2322308.5, Delta T = 50.95 sec
Ecliptic obliquity = 23°29'02, Nutation = - 0°00'12
Ayanamsha: Fagan/Bradley = 19°48'06, Lahiri = 18°55'06Greg. Calendar

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APRIL 1646 GC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
S 1	12 37 36	11♈19'35	19♎58	25♓14	16♉ 2	11♓56	28♊30	4♉ 5	29°R52	8°R17	5♊31	8°R 1	6♌59	29♐23	3♋ 7
M 2	12 41 33	12°18'32	2♏49	27° 0	16°16	12°42	28°37	4°13	29♏50	8♐17	5°32	7♌50	6°56	29°30	3°10
T 3	12 45 29	13°17'28	15°25	28°47	16°28	13°29	28°44	4°20	29°49	8°16	5°33	7°38	6°53	29°36	3°12
W 4	12 49 26	14°16'23	27°45	0♈36	16°37	14°16	28°52	4°27	29°48	8°15	5°34	7°29	6°50	29°43	3°15
T 5	12 53 23	15°15'15	9♐52	2°26	16°45	15° 3	28°59	4°35	29°46	8°14	5°34	7°21	6°46	29°50	3°17
F 6	12 57 19	16°14'05	21°49	4°18	16°50	15°49	29° 7	4°42	29°45	8°14	5°35	7°16	6°43	29°56	3°20
S 7	13 1 16	17°12'54	3♑40	6°12	16°52	16°36	29°15	4°50	29°43	8°13	5°36	7°13	6°40	0♑ 3	3°23
S 8	13 5 12	18°11'41	15°29	8° 7	16°R53	17°23	29°23	4°57	29°41	8°12	5°37	7°D12	6°37	0°10	3°25
M 9	13 9 9	19°10'27	27°23	10° 3	16°51	18°10	29°31	5° 5	29°40	8°11	5°38	7°12	6°34	0°16	3°28
T 10	13 13 5	20° 9'10	9♒26	12° 1	16°46	18°56	29°39	5°12	29°38	8°10	5°39	7°R12	6°30	0°23	3°31
W11	13 17 2	21° 7'52	21°43	14° 0	16°39	19°43	29°48	5°20	29°36	8° 9	5°40	7°11	6°27	0°30	3°34
T 12	13 20 58	22° 6'32	4♓20	16° 1	16°30	20°29	29°56	5°27	29°35	8° 8	5°41	7° 8	6°24	0°37	3°37
F 13	13 24 55	23° 5'10	17°20	18° 3	16°18	21°16	0♋ 5	5°35	29°33	8° 7	5°42	7° 3	6°21	0°43	3°41
S 14	13 28 52	24° 3'47	0♈44	20° 7	16° 4	22° 3	0°14	5°43	29°31	8° 6	5°43	6°55	6°18	0°50	3°44
S 15	13 32 48	25° 2'21	14°32	22°11	15°47	22°49	0°22	5°50	29°29	8° 5	5°45	6°45	6°15	0°57	3°47
M16	13 36 45	26° 0'54	28°40	24°17	15°28	23°36	0°31	5°58	29°27	8° 4	5°46	6°33	6°11	1° 3	3°51
T 17	13 40 41	26°59'25	13♉ 5	26°24	15° 7	24°22	0°40	6° 5	29°25	8° 3	5°47	6°22	6° 8	1°10	3°54
W18	13 44 38	27°57'54	27°38	28°31	14°43	25° 8	0°50	6°13	29°23	8° 2	5°48	6°11	6° 5	1°17	3°58
T 19	13 48 34	28°56'21	12♊14	0♉39	14°18	25°55	0°59	6°21	29°21	8° 1	5°49	6° 3	6° 2	1°23	4° 1
F 20	13 52 31	29°54'46	26°45	2°48	13°50	26°41	1° 8	6°28	29°19	7°59	5°50	5°58	5°59	1°30	4° 5
S 21	13 56 27	0♉53'09	11♋ 7	4°56	13°20	27°28	1°18	6°36	29°17	7°58	5°51	5°55	5°55	1°37	4° 9
S 22	14 0 24	1°51'29	25°17	7° 5	12°49	28°14	1°28	6°44	29°15	7°57	5°52	5°54	5°52	1°43	4°13
M23	14 4 21	2°49'48	9♌15	9°13	12°16	29° 0	1°37	6°52	29°13	7°56	5°54	5°54	5°49	1°50	4°17
T 24	14 8 17	3°48'04	23° 0	11°20	11°42	29°46	1°47	6°59	29°11	7°55	5°55	5°53	5°46	1°57	4°21
W25	14 12 14	4°46'18	6♍32	13°27	11° 6	0♈33	1°57	7° 7	29° 8	7°53	5°56	5°51	5°43	2° 3	4°25
T 26	14 16 10	5°44'31	19°53	15°32	10°30	1°19	2° 7	7°15	29° 6	7°52	5°57	5°46	5°40	2°10	4°29
F 27	14 20 7	6°42'41	3♎ 3	17°35	9°53	2° 5	2°17	7°22	29° 4	7°51	5°58	5°39	5°36	2°17	4°33
S 28	14 24 3	7°40'49	16° 2	19°37	9°15	2°51	2°28	7°30	29° 2	7°49	6° 0	5°28	5°33	2°23	4°37
S 29	14 28 0	8°38'55	28°49	21°36	8°37	3°37	2°38	7°38	29° 0	7°48	6° 1	5°16	5°30	2°30	4°42
M30	14 31 56	9♉37'00	11♏25	23♉33	7♉59	4♈23	2♋48	7♉45	28♏57	7♐47	6♊ 2	5♌ 3	5♌27	2♑37	4♋46

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	4n29	3s22	4n48	3s59	2s17	22n36	6n13	8s11	1s11	23n32	0n 3	10n51	2s11	19s58	0n12	20s 8	1n37	10n33	10s52	18n18	18n34	20s20	16n54	6s33
M 2	4 52	7 45	5 2	3 15	2 14	22 44	6 17	7 54	1 11	23 32	0 3	10 53	2 11	19 57	0 12	20 8	1 37	10 34	10 52	18 21	18 34	20 21	16 54	6 33
T 3	5 15	11 42	5 0	2 29	2 11	22 51	6 20	7 36	1 11	23 32	0 4	10 56	2 11	19 57	0 12	20 8	1 37	10 34	10 52	18 24	18 35	20 22	16 55	6 32
W 4	5 38	15 4	4 45	1 42	2 7	22 57	6 24	7 18	1 11	23 32	0 4	10 58	2 11	19 57	0 12	20 8	1 37	10 34	10 52	18 26	18 36	20 22	16 55	6 32
T 5	6 1	17 45	4 16	0 54	2 3	23 2	6 27	6 59	1 11	23 33	0 4	11 1	2 11	19 57	0 12	20 8	1 37	10 35	10 51	18 28	18 37	20 23	16 56	6 31
F 6	6 24	19 37	3 37	0 6	1 58	23 6	6 30	6 41	1 11	23 33	0 4	11 4	2 11	19 56	0 12	20 8	1 37	10 35	10 51	18 29	18 38	20 24	16 56	6 31
S 7	6 46	20 38	2 48	0n44	1 53	23 9	6 32	6 23	1 11	23 33	0 4	11 6	2 11	19 56	0 12	20 7	1 37	10 35	10 51	18 30	18 38	20 25	16 57	6 30
S 8	7 9	20 43	1 53	1 35	1 47	23 11	6 34	6 5	1 11	23 33	0 4	11 9	2 11	19 56	0 12	20 7	1 37	10 36	10 51	18 30	18 39	20 25	16 57	6 30
M 9	7 31	19 52	0 52	2 26	1 41	23 12	6 35	5 47	1 11	23 33	0 4	11 11	2 11	19 55	0 12	20 7	1 37	10 36	10 51	18 30	18 40	20 26	16 57	6 29
T 10	7 53	18 7	0s12	3 19	1 34	23 12	6 36	5 28	1 11	23 33	0 4	11 14	2 10	19 55	0 12	20 7	1 37	10 37	10 50	18 30	18 41	20 27	16 58	6 29
W11	8 16	15 30	1 16	4 12	1 27	23 10	6 36	5 10	1 11	23 33	0 4	11 16	2 10	19 54	0 12	20 7	1 37	10 37	10 50	18 31	18 42	20 27	16 58	6 28
T 12	8 38	12 5	2 19	5 5	1 19	23 7	6 36	4 51	1 11	23 33	0 4	11 19	2 10	19 54	0 12	20 7	1 37	10 37	10 50	18 31	18 42	20 28	16 59	6 28
F 13	8 59	8 1	3 16	6 0	1 11	23 3	6 36	4 33	1 11	23 34	0 5	11 22	2 10	19 54	0 12	20 6	1 37	10 38	10 50	18 33	18 43	20 29	16 59	6 27
S 14	9 21	3 26	4 4	6 54	1 3	22 58	6 34	4 14	1 10	23 34	0 5	11 24	2 10	19 53	0 12	20 6	1 37	10 38	10 50	18 35	18 44	20 29	16 59	6 27
S 15	9 43	1n27	4 39	7 49	0 54	22 51	6 33	3 56	1 10	23 34	0 5	11 27	2 10	19 53	0 12	20 6	1 37	10 38	10 49	18 37	18 45	20 30	17 0	6 26
M16	10 4	6 23	4 58	8 45	0 44	22 43	6 30	3 37	1 10	23 34	0 5	11 29	2 10	19 52	0 12	20 6	1 37	10 39	10 49	18 40	18 46	20 31	17 0	6 26
T 17	10 25	11 3	4 59	9 40	0 35	22 33	6 27	3 19	1 10	23 34	0 5	11 32	2 10	19 52	0 12	20 6	1 37	10 39	10 49	18 43	18 46	20 31	17 1	6 25
W18	10 46	15 7	4 40	10 35	0 25	22 22	6 23	3 0	1 10	23 34	0 5	11 34	2 10	19 52	0 12	20 5	1 37	10 39	10 49	18 46	18 47	20 32	17 1	6 25
T 19	11 7	18 17	4 4	11 30	0 14	22 10	6 19	2 42	1 10	23 34	0 5	11 37	2 10	19 51	0 12	20 5	1 37	10 40	10 49	18 48	18 48	20 33	17 1	6 24
F 20	11 28	20 15	3 11	12 24	0 4	21 57	6 13	2 23	1 10	23 34	0 5	11 40	2 10	19 51	0 12	20 5	1 37	10 40	10 48	18 49	18 49	20 33	17 2	6 24
S 21	11 48	20 54	2 7	13 18	0n 7	21 42	6 7	2 5	1 10	23 34	0 5	11 42	2 10	19 50	0 12	20 5	1 37	10 40	10 48	18 50	18 50	20 34	17 2	6 23
S 22	12 9	20 12	0 56	14 11	0 18	21 26	6 1	1 46	1 10	23 34	0 5	11 45	2 10	19 50	0 12	20 4	1 37	10 41	10 48	18 50	18 50	20 35	17 2	6 23
M23	12 29	18 16	0n18	15 2	0 28	21 8	5 53	1 28	1 9	23 34	0 6	11 47	2 10	19 49	0 12	20 4	1 37	10 41	10 48	18 50	18 51	20 35	17 3	6 22
T 24	12 48	15 17	1 29	15 53	0 39	20 50	5 45	1 9	1 9	23 34	0 6	11 50	2 10	19 49	0 12	20 4	1 37	10 42	10 48	18 50	18 52	20 36	17 3	6 22
W25	13 8	11 31	2 34	16 42	0 50	20 30	5 36	0 50	1 9	23 34	0 6	11 52	2 10	19 49	0 12	20 4	1 37	10 42	10 48	18 51	18 53	20 37	17 3	6 22
T 26	13 28	7 14	3 30	17 29	1 0	20 9	5 26	0 32	1 9	23 34	0 6	11 55	2 10	19 48	0 12	20 4	1 37	10 42	10 48	18 52	18 53	20 37	17 4	6 21
F 27	13 47	2 40	4 14	18 14	1 10	19 48	5 16	0 13	1 9	23 34	0 6	11 57	2 10	19 48	0 12	20 3	1 37	10 43	10 47	18 54	18 54	20 38	17 4	6 21
S 28	14 6	1s58	4 43	18 57	1 20	19 25	5 5	0n 5	1 9	23 34	0 6	12 0	2 9	19 47	0 12	20 3	1 37	10 43	10 47	18 56	18 55	20 39	17 4	6 20
S 29	14 25	6 26	4 58	19 38	1 29	19 2	4 54	0 24	1 8	23 34	0 6	12 2	2 9	19 47	0 12	20 3	1 37	10 43	10 47	18 59	18 56	20 39	17 4	6 20
M30	14n43	10s33	4n58	20n16	1n38	18n38	4n42	0n42	1s 8	23n33	0n 6	12n 5	2s 9	19s46	0n12	20s 3	1n37	10n44	10s47	19n 2	18n57	20s40	17n 5	6s20

Julian Day Number = 2322339.5, Delta T = 50.79 sec
Ecliptic obliquity = 23°29'02, Nutation = - 0°00'14
Ayanamsha: Fagan/Bradley = 19°48'10, Lahiri = 18°55'10Greg. Calendar

MAY 1646 GC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
T 1	14 35 53	10♉35'03	23♏48	25♉28	7°R21	5♈ 9	2♋59	7♉53	28°R55	7°R45	6♊ 3	4°R49	5♌24	2♑43	4♋51
W 2	14 39 49	11°33'05	6♐ 0	27°19	6♉44	5°55	3°10	8° 1	28♏53	7♐44	6° 5	4♌38	5°21	2°50	4°55
T 3	14 43 46	12°31'05	18° 2	29° 8	6° 8	6°41	3°20	8° 9	28°50	7°42	6° 6	4°28	5°17	2°57	5° 0
F 4	14 47 43	13°29'03	29°56	0♊54	5°33	7°27	3°31	8°16	28°48	7°41	6° 7	4°21	5°14	3° 3	5° 4
S 5	14 51 39	14°27'01	11♑45	2°36	4°58	8°13	3°42	8°24	28°45	7°40	6° 8	4°17	5°11	3°10	5° 9
S 6	14 55 36	15°24'56	23°33	4°15	4°26	8°59	3°53	8°32	28°43	7°38	6°10	4°15	5° 8	3°17	5°14
M 7	14 59 32	16°22'51	5♒25	5°50	3°55	9°44	4° 4	8°39	28°41	7°37	6°11	4°D15	5° 5	3°23	5°19
T 8	15 3 29	17°20'44	17°27	7°22	3°25	10°30	4°15	8°47	28°38	7°35	6°12	4°R15	5° 1	3°30	5°23
W 9	15 7 25	18°18'36	29°44	8°50	2°58	11°16	4°26	8°55	28°36	7°34	6°14	4°14	4°58	3°37	5°28
T 10	15 11 22	19°16'27	12♓20	10°14	2°32	12° 1	4°37	9° 2	28°33	7°32	6°15	4°12	4°55	3°43	5°33
F 11	15 15 18	20°14'16	25°21	11°35	2° 9	12°47	4°49	9°10	28°31	7°31	6°16	4° 8	4°52	3°50	5°38
S 12	15 19 15	21°12'05	8♈49	12°52	1°48	13°33	5° 0	9°18	28°28	7°29	6°18	4° 1	4°49	3°57	5°43
S 13	15 23 12	22° 9'52	22°45	14° 5	1°29	14°18	5°12	9°25	28°26	7°28	6°19	3°53	4°46	4° 3	5°49
M14	15 27 8	23° 7'37	7♉ 7	15°15	1°13	15° 4	5°23	9°33	28°23	7°26	6°20	3°42	4°42	4°10	5°54
T 15	15 31 5	24° 5'22	21°49	16°20	0°59	15°49	5°35	9°40	28°21	7°24	6°22	3°32	4°39	4°17	5°59
W16	15 35 1	25° 3'05	6♊43	17°21	0°48	16°34	5°47	9°48	28°19	7°23	6°23	3°22	4°36	4°23	6° 4
T 17	15 38 58	26° 0'47	21°42	18°19	0°38	17°20	5°58	9°55	28°16	7°21	6°24	3°15	4°33	4°30	6°10
F 18	15 42 54	26°58'28	6♋35	19°12	0°32	18° 5	6°10	10° 3	28°14	7°20	6°26	3°10	4°30	4°37	6°15
S 19	15 46 51	27°56'07	21°16	20° 1	0°27	18°50	6°22	10°10	28°11	7°18	6°27	3° 8	4°27	4°43	6°21
S 20	15 50 47	28°53'45	5♌39	20°45	0°D25	19°35	6°34	10°18	28° 9	7°16	6°28	3°D 7	4°23	4°50	6°26
M21	15 54 44	29°51'21	19°43	21°25	0°26	20°21	6°46	10°25	28° 6	7°15	6°30	3° 8	4°20	4°57	6°32
T 22	15 58 41	0♊48'55	3♍28	22° 1	0°28	21° 6	6°58	10°33	28° 4	7°13	6°31	3°R 8	4°17	5° 3	6°37
W23	16 2 37	1°46'28	16°54	22°33	0°33	21°51	7°10	10°40	28° 1	7°12	6°32	3° 7	4°14	5°10	6°43
T 24	16 6 34	2°44'00	0♎ 3	22°59	0°40	22°36	7°22	10°47	27°59	7°10	6°34	3° 4	4°11	5°17	6°48
F 25	16 10 30	3°41'30	12°57	23°21	0°49	23°20	7°35	10°55	27°56	7° 8	6°35	2°58	4° 7	5°23	6°54
S 26	16 14 27	4°38'59	25°39	23°39	1° 1	24° 5	7°47	11° 2	27°54	7° 7	6°37	2°50	4° 4	5°30	7° 0
S 27	16 18 23	5°36'27	8♏ 9	23°52	1°14	24°50	7°59	11° 9	27°51	7° 5	6°38	2°41	4° 1	5°37	7° 6
M28	16 22 20	6°33'53	20°28	24° 0	1°30	25°35	8°12	11°17	27°49	7° 4	6°39	2°31	3°58	5°43	7°11
T 29	16 26 16	7°31'19	2♐38	24°R 4	1°47	26°20	8°24	11°24	27°46	7° 2	6°41	2°21	3°55	5°50	7°17
W30	16 30 13	8°28'44	14°40	24° 3	2° 6	27° 4	8°37	11°31	27°44	7° 0	6°42	2°12	3°52	5°57	7°23
T 31	16 34 10	9♊26'07	26♐35	23♊57	2♉27	27♈49	8♋49	11♉38	27♏41	6♐59	6♊43	2♌ 5	3♌48	6♑ 3	7♋29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 2	14s10	4n44	20n52	1n46	18n14	4n29	1n 1	1s 8	23n33	0n 6	12n 7	2s 9	19s46	0n12	20s 2	1n38	10n44	10s47	19n 6	18n57	20s40	17n 5	6s19
W 2	15 20	17 8	4 17	21 26	1 53	17 49	4 16	1 19	1 8	23 33	0 6	12 10	2 9	19 45	0 12	20 2	1 38	10 44	10 47	19 8	18 58	20 41	17 5	6 19
T 3	15 37	19 19	3 39	21 57	2 0	17 24	4 3	1 37	1 8	23 33	0 6	12 12	2 9	19 45	0 12	20 2	1 38	10 45	10 47	19 11	18 59	20 42	17 5	6 18
F 4	15 55	20 38	2 51	22 26	2 6	17 0	3 49	1 56	1 7	23 33	0 7	12 15	2 9	19 44	0 12	20 2	1 38	10 45	10 46	19 12	19 0	20 42	17 5	6 18
S 5	16 12	21 2	1 56	22 52	2 11	16 35	3 35	2 14	1 7	23 33	0 7	12 17	2 9	19 44	0 12	20 1	1 38	10 45	10 46	19 13	19 0	20 43	17 6	6 18
S 6	16 29	20 30	0 56	23 15	2 16	16 11	3 21	2 32	1 7	23 32	0 7	12 20	2 9	19 43	0 12	20 1	1 38	10 46	10 46	19 14	19 1	20 43	17 6	6 17
M 7	16 46	19 3	0s 6	23 37	2 20	15 46	3 7	2 51	1 7	23 32	0 7	12 22	2 9	19 43	0 12	20 1	1 38	10 46	10 46	19 14	19 2	20 44	17 6	6 17
T 8	17 3	16 44	1 10	23 55	2 23	15 23	2 53	3 9	1 6	23 32	0 7	12 25	2 9	19 42	0 12	20 1	1 38	10 46	10 46	19 14	19 3	20 45	17 6	6 17
W 9	17 19	13 38	2 11	24 12	2 25	15 0	2 38	3 27	1 6	23 31	0 7	12 27	2 9	19 41	0 12	20 0	1 38	10 47	10 46	19 14	19 4	20 45	17 6	6 16
T 10	17 35	9 50	3 8	24 26	2 26	14 38	2 24	3 45	1 6	23 31	0 7	12 30	2 9	19 41	0 12	20 0	1 38	10 47	10 46	19 15	19 4	20 46	17 6	6 16
F 11	17 50	5 28	3 56	24 38	2 26	14 16	2 9	4 3	1 5	23 31	0 7	12 32	2 9	19 40	0 12	20 0	1 38	10 47	10 46	19 16	19 5	20 46	17 7	6 16
S 12	18 6	0 42	4 34	24 47	2 26	13 55	1 55	4 21	1 5	23 31	0 7	12 34	2 9	19 40	0 12	20 0	1 38	10 48	10 45	19 17	19 6	20 47	17 7	6 15
S 13	18 21	4n16	4 57	24 55	2 24	13 36	1 41	4 39	1 5	23 30	0 7	12 37	2 9	19 39	0 12	19 59	1 38	10 48	10 45	19 19	19 7	20 47	17 7	6 15
M14	18 35	9 9	5 2	25 1	2 22	13 17	1 27	4 57	1 5	23 30	0 7	12 39	2 9	19 39	0 12	19 59	1 38	10 48	10 45	19 22	19 7	20 48	17 7	6 15
T 15	18 50	13 37	4 47	25 5	2 18	12 59	1 14	5 15	1 4	23 29	0 7	12 41	2 9	19 38	0 12	19 59	1 38	10 48	10 45	19 24	19 8	20 49	17 7	6 14
W16	19 4	17 19	4 13	25 6	2 14	12 43	1 0	5 33	1 4	23 29	0 8	12 44	2 9	19 38	0 12	19 59	1 38	10 49	10 45	19 26	19 9	20 49	17 7	6 14
T 17	19 18	19 52	3 22	25 7	2 9	12 27	0 47	5 50	1 4	23 29	0 8	12 46	2 9	19 37	0 12	19 58	1 38	10 49	10 45	19 28	19 10	20 50	17 7	6 14
F 18	19 31	21 3	2 16	25 5	2 3	12 13	0 35	6 8	1 3	23 28	0 8	12 48	2 10	19 37	0 12	19 58	1 38	10 49	10 45	19 29	19 10	20 50	17 7	6 13
S 19	19 44	20 46	1 3	25 2	1 56	12 0	0 22	6 25	1 3	23 28	0 8	12 51	2 10	19 36	0 12	19 58	1 38	10 50	10 45	19 30	19 11	20 51	17 7	6 13
S 20	19 57	19 7	0n14	24 57	1 48	11 48	0 10	6 43	1 3	23 27	0 8	12 53	2 10	19 35	0 12	19 57	1 38	10 50	10 45	19 30	19 12	20 51	17 7	6 13
M21	20 9	16 19	1 27	24 51	1 39	11 37	0s 2	7 0	1 2	23 27	0 8	12 55	2 10	19 35	0 12	19 57	1 38	10 50	10 45	19 30	19 13	20 52	17 7	6 13
T 22	20 22	12 39	2 35	24 44	1 29	11 27	0 13	7 17	1 2	23 26	0 8	12 58	2 10	19 34	0 12	19 57	1 38	10 50	10 45	19 30	19 13	20 52	17 7	6 12
W23	20 33	8 26	3 32	24 35	1 19	11 19	0 24	7 35	1 1	23 26	0 8	13 0	2 10	19 34	0 12	19 57	1 38	10 51	10 45	19 30	19 14	20 53	17 7	6 12
T 24	20 45	3 54	4 16	24 25	1 7	11 11	0 35	7 52	1 1	23 25	0 8	13 2	2 10	19 33	0 12	19 56	1 38	10 51	10 45	19 31	19 15	20 53	17 7	6 12
F 25	20 56	0s43	4 47	24 14	0 55	11 5	0 45	8 9	1 1	23 24	0 8	13 4	2 10	19 33	0 12	19 56	1 38	10 51	10 45	19 32	19 16	20 54	17 7	6 11
S 26	21 6	5 14	5 2	24 2	0 42	11 0	0 55	8 26	1 0	23 24	0 8	13 6	2 10	19 32	0 12	19 56	1 38	10 52	10 44	19 34	19 16	20 54	17 7	6 11
S 27	21 17	9 27	5 3	23 48	0 28	10 55	1 4	8 42	1 0	23 23	0 9	13 9	2 10	19 32	0 12	19 56	1 38	10 52	10 44	19 36	19 17	20 55	17 7	6 11
M28	21 27	13 14	4 50	23 34	0 13	10 52	1 13	8 59	0 59	23 22	0 9	13 11	2 10	19 31	0 12	19 55	1 38	10 52	10 44	19 38	19 18	20 55	17 7	6 11
T 29	21 36	16 25	4 24	23 19	0s 2	10 50	1 22	9 16	0 59	23 22	0 9	13 13	2 10	19 31	0 12	19 55	1 38	10 52	10 44	19 40	19 19	20 56	17 7	6 11
W30	21 46	18 51	3 46	23 3	0 18	10 49	1 31	9 32	0 59	23 21	0 9	13 15	2 10	19 30	0 12	19 55	1 38	10 53	10 44	19 42	19 19	20 56	17 7	6 10
T 31	21n54	20s28	2n58	22n47	0s34	10n48	1s39	9n49	0s58	23n20	0n 9	13n17	2s10	19s30	0n12	19s55	1n38	10n53	10s44	19n44	19n20	20s57	17n 7	6s10

Julian Day Number = 2322369.5, Delta T = 50.62 sec
Ecliptic obliquity = 23°29'02, Nutation = - 0°00'16
Ayanamsha: Fagan/Bradley = 19°48'14, Lahiri = 18°55'14Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.12.2016]

JUNE 1646 GC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
F 1	16 38 6	10♊23'30	8♑25	23°R47	2♉50	28♈33	9♋ 2	11♉45	27°R39	6°R57	6♊45	1°R59	3♌45	6♑10	7♋35
S 2	16 42 3	11°20'53	20°13	23♊34	3°14	29°18	9°14	11°52	27♏37	6♐55	6°46	1♌57	3°42	6°16	7°41
S 3	16 45 59	12°18'14	2♒ 1	23°16	3°40	0♉ 2	9°27	11°59	27°34	6°54	6°48	1°D56	3°39	6°23	7°47
M 4	16 49 56	13°15'35	13°54	22°55	4° 8	0°47	9°40	12° 6	27°32	6°52	6°49	1°57	3°36	6°30	7°53
T 5	16 53 52	14°12'55	25°56	22°30	4°37	1°31	9°53	12°13	27°29	6°51	6°50	1°58	3°33	6°36	7°59
W 6	16 57 49	15°10'15	8♓12	22° 3	5° 8	2°15	10° 5	12°20	27°27	6°49	6°52	1°59	3°29	6°43	8° 5
T 7	17 1 45	16° 7'34	20°47	21°33	5°40	2°59	10°18	12°27	27°25	6°47	6°53	1°R59	3°26	6°50	8°11
F 8	17 5 42	17° 4'53	3♈45	21° 1	6°13	3°43	10°31	12°34	27°22	6°46	6°54	1°58	3°23	6°56	8°17
S 9	17 9 39	18° 2'12	17°10	20°28	6°48	4°28	10°44	12°41	27°20	6°44	6°56	1°54	3°20	7° 3	8°24
S 10	17 13 35	18°59'30	1♉ 3	19°55	7°24	5°12	10°57	12°48	27°18	6°43	6°57	1°50	3°17	7°10	8°30
M11	17 17 32	19°56'48	15°25	19°21	8° 1	5°56	11°10	12°54	27°16	6°41	6°58	1°44	3°13	7°16	8°36
T 12	17 21 28	20°54'05	0♊10	18°47	8°40	6°39	11°23	13° 1	27°13	6°39	7° 0	1°38	3°10	7°23	8°42
W13	17 25 25	21°51'22	15°13	18°14	9°19	7°23	11°36	13° 8	27°11	6°38	7° 1	1°32	3° 7	7°30	8°48
T 14	17 29 21	22°48'39	0♋23	17°43	9°59	8° 7	11°49	13°14	27° 9	6°36	7° 2	1°28	3° 4	7°36	8°55
F 15	17 33 18	23°45'55	15°32	17°14	10°41	8°51	12° 2	13°21	27° 7	6°35	7° 4	1°25	3° 1	7°43	9° 1
S 16	17 37 15	24°43'11	0♌30	16°47	11°23	9°34	12°15	13°27	27° 5	6°33	7° 5	1°D24	2°58	7°50	9° 7
S 17	17 41 11	25°40'26	15° 9	16°24	12° 7	10°18	12°28	13°34	27° 3	6°32	7° 6	1°25	2°54	7°56	9°14
M18	17 45 8	26°37'40	29°26	16° 4	12°51	11° 1	12°42	13°40	27° 1	6°30	7° 8	1°26	2°51	8° 3	9°20
T 19	17 49 4	27°34'54	13♍19	15°47	13°36	11°45	12°55	13°46	26°59	6°29	7° 9	1°28	2°48	8°10	9°27
W20	17 53 1	28°32'07	26°48	15°35	14°22	12°28	13° 8	13°53	26°57	6°27	7°10	1°R28	2°45	8°16	9°33
T 21	17 56 57	29°29'19	9♎55	15°26	15° 9	13°12	13°21	13°59	26°55	6°26	7°12	1°28	2°42	8°23	9°39
F 22	18 0 54	0♋26'31	22°42	15°D23	15°56	13°55	13°35	14° 5	26°53	6°24	7°13	1°26	2°39	8°30	9°46
S 23	18 4 50	1°23'42	5♏14	15°24	16°45	14°38	13°48	14°11	26°51	6°23	7°14	1°23	2°35	8°36	9°52
S 24	18 8 47	2°20'53	17°32	15°29	17°34	15°21	14° 1	14°17	26°49	6°22	7°16	1°19	2°32	8°43	9°59
M25	18 12 44	3°18'04	29°40	15°40	18°23	16° 4	14°14	14°23	26°47	6°20	7°17	1°14	2°29	8°50	10° 5
T 26	18 16 40	4°15'15	11♐39	15°55	19°14	16°47	14°28	14°29	26°45	6°19	7°18	1° 9	2°26	8°56	10°12
W27	18 20 37	5°12'25	23°33	16°16	20° 5	17°30	14°41	14°35	26°43	6°17	7°19	1° 5	2°23	9° 3	10°18
T 28	18 24 33	6° 9'35	5♑23	16°41	20°57	18°13	14°54	14°41	26°42	6°16	7°20	1° 2	2°19	9°10	10°25
F 29	18 28 30	7° 6'46	17°12	17°11	21°49	18°55	15° 8	14°46	26°40	6°15	7°22	1° 0	2°16	9°16	10°31
S 30	18 32 26	8♋ 3'56	29♑ 0	17♊46	22♉42	19♉38	15♋21	14♉52	26♏38	6♐13	7♊23	1°D 0	2♌13	9♑23	10♋38

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	22n 3	21s10	2n 3	22n29	0s51	10n49	1s46	10n 5	0s58	23n19	0n 9	13n19	2s10	19s29	0n12	19s54	1n38	10n53	10s44	19n45	19n21	20s57	17n 7	6s10	
S 2	22 11	20 55	1 3	22 12	1 8	10 50	1 54	10 21	0 57	23 19	0 9	13 21	2 10	19 28	0 12	19 54	1 38	10 53	10 44	19 46	19 22	20 58	17 6	6 10	
S 3	22 19	19 45	0s 0	21 54	1 25	10 52	2 1	10 37	0 57	23 18	0 9	13 24	2 10	19 28	0 12	19 54	1 38	10 54	10 44	19 46	19 22	20 58	17 6	6 10	
M 4	22 26	17 43	1 4	21 35	1 42	10 55	2 7	10 53	0 56	23 17	0 9	13 26	2 10	19 27	0 12	19 54	1 38	10 54	10 44	19 46	19 23	20 59	17 6	6 9	
T 5	22 33	14 53	2 6	21 17	1 59	10 59	2 14	11 9	0 56	23 16	0 9	13 28	2 11	19 27	0 12	19 53	1 38	10 54	10 44	19 46	19 24	20 59	17 6	6 9	
W 6	22 39	11 21	3 4	20 59	2 16	11 4	2 20	11 25	0 55	23 15	0 9	13 30	2 11	19 26	0 12	19 53	1 38	10 54	10 44	19 45	19 25	21 0	17 6	6 9	
T 7	22 46	7 14	3 54	20 41	2 33	11 9	2 25	11 40	0 55	23 14	0 9	13 32	2 11	19 26	0 12	19 53	1 38	10 54	10 44	19 45	19 25	21 0	17 6	6 9	
F 8	22 51	2 41	4 33	20 23	2 48	11 15	2 31	11 56	0 54	23 13	0 10	13 34	2 11	19 25	0 12	19 53	1 38	10 55	10 44	19 46	19 26	21 1	17 5	6 9	
S 9	22 57	2n 8	5 0	20 5	3 3	11 21	2 36	12 11	0 54	23 13	0 10	13 36	2 11	19 25	0 12	19 52	1 38	10 55	10 44	19 46	19 27	21 1	17 5	6 9	
S 10	23 2	7 1	5 10	19 49	3 18	11 28	2 41	12 26	0 53	23 12	0 10	13 38	2 11	19 24	0 12	19 52	1 38	10 55	10 44	19 47	19 28	21 1	17 5	6 9	
M11	23 6	11 41	5 1	19 33	3 31	11 36	2 45	12 42	0 53	23 11	0 10	13 39	2 11	19 24	0 12	19 52	1 38	10 55	10 44	19 49	19 28	21 2	17 5	6 8	
T 12	23 10	15 47	4 33	19 18	3 43	11 44	2 49	12 56	0 52	23 10	0 10	13 41	2 11	19 23	0 12	19 52	1 38	10 55	10 44	19 50	19 29	21 2	17 4	6 8	
W13	23 14	18 56	3 45	19 5	3 54	11 53	2 53	13 11	0 52	23 9	0 10	13 43	2 11	19 23	0 12	19 51	1 38	10 56	10 44	19 51	19 30	21 3	17 4	6 8	
T 14	23 17	20 48	2 41	18 53	4 3	12 2	2 57	13 26	0 51	23 7	0 10	13 45	2 11	19 22	0 11	19 51	1 38	10 56	10 44	19 52	19 31	21 3	17 4	6 8	
F 15	23 20	21 10	1 25	18 42	4 12	12 12	3 1	13 41	0 51	23 6	0 10	13 47	2 12	19 22	0 11	19 51	1 37	10 56	10 44	19 53	19 31	21 4	17 3	6 8	
S 16	23 23	20 0	0 5	18 33	4 18	12 22	3 4	13 55	0 50	23 5	0 10	13 49	2 12	19 21	0 11	19 51	1 37	10 56	10 44	19 53	19 32	21 4	17 3	6 8	
S 17	23 25	17 30	1n14	18 25	4 24	12 32	3 7	14 9	0 49	23 4	0 10	13 51	2 12	19 21	0 11	19 50	1 37	10 56	10 44	19 53	19 33	21 4	17 3	6 8	
M18	23 26	13 59	2 27	18 19	4 28	12 43	3 10	14 23	0 49	23 3	0 10	13 52	2 12	19 20	0 11	19 50	1 37	10 57	10 44	19 53	19 33	21 5	17 2	6 8	
T 19	23 28	9 47	3 29	18 15	4 30	12 54	3 12	14 37	0 48	23 2	0 11	13 54	2 12	19 20	0 11	19 50	1 37	10 57	10 44	19 52	19 34	21 5	17 2	6 8	
W20	23 29	5 13	4 18	18 13	4 31	13 5	3 14	14 51	0 48	23 1	0 11	13 56	2 12	19 20	0 11	19 50	1 37	10 57	10 44	19 52	19 35	21 6	17 2	6 8	
T 21	23 29	0 32	4 51	18 12	4 31	13 17	3 16	15 5	0 47	22 59	0 11	13 58	2 12	19 19	0 11	19 49	1 37	10 57	10 45	19 52	19 36	21 6	17 1	6 8	
F 22	23 29	4s 4	5 9	18 13	4 29	13 28	3 18	15 18	0 47	22 58	0 11	13 59	2 12	19 19	0 11	19 49	1 37	10 57	10 45	19 53	19 36	21 6	17 1	6 8	
S 23	23 29	8 23	5 12	18 16	4 26	13 40	3 20	15 32	0 46	22 57	0 11	14 1	2 13	19 18	0 11	19 49	1 37	10 57	10 45	19 53	19 37	21 7	17 0	6 8	
S 24	23 28	12 17	5 1	18 21	4 22	13 53	3 21	15 45	0 45	22 56	0 11	14 3	2 13	19 18	0 11	19 49	1 37	10 57	10 45	19 54	19 38	21 7	17 0	6 8	
M25	23 27	15 38	4 36	18 27	4 17	14 5	3 23	15 58	0 45	22 54	0 11	14 4	2 13	19 17	0 11	19 49	1 37	10 58	10 45	19 55	19 39	21 7	16 59	6 8	
T 26	23 25	18 17	3 59	18 34	4 11	14 18	3 24	16 11	0 44	22 53	0 11	14 6	2 13	19 17	0 11	19 48	1 37	10 58	10 45	19 56	19 39	21 8	16 59	6 8	
W27	23 23	20 8	3 12	18 43	4 4	14 30	3 25	16 23	0 43	22 52	0 11	14 7	2 13	19 17	0 11	19 48	1 37	10 58	10 45	19 57	19 40	21 8	16 59	6 8	
T 28	23 20	21 6	2 16	18 54	3 56	14 43	3 25	16 36	0 43	22 50	0 11	14 9	2 13	19 16	0 11	19 48	1 37	10 58	10 45	19 58	19 41	21 9	16 58	6 8	
F 29	23 18	21 8	1 15	19 6	3 47	14 56	3 26	16 48	0 42	22 49	0 11	14 10	2 13	19 16	0 11	19 48	1 37	10 58	10 45	19 58	19 41	21 9	16 58	6 8	
S 30	23n14	20s13	0n11	19n18	3s38	15n 9	3s26	17n 0	0s42	22n47	0n11	14n12	2s13	19s15	0n11	19s48	1n37	10n58	10s45	19n58	19n42	21s 9	16n57	6s 8	

Julian Day Number = 2322400.5, Delta T = 50.45 sec
Ecliptic obliquity = 23°29'01, Nutation = - 0°00'15
Ayanamsha: Fagan/Bradley = 19°48'19, Lahiri = 18°55'18Greg. Calendar

JULY 1646 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
S 1	18 36 23	9♋ 1'06	10♒52	18♊26	23♉35	20♉21	15♋35	14♉58	26°R37	6°R12	7♊24	1♌ 0	2♌10	9♑30	10♋44
M 2	18 40 19	9°58'17	22°50	19°11	24°29	21° 3	15°48	15° 3	26♏35	6♐11	7°25	1° 1	2° 7	9°36	10°51
T 3	18 44 16	10°55'28	4♓57	20° 0	25°24	21°46	16° 1	15° 9	26°34	6° 9	7°27	1° 2	2° 4	9°43	10°57
W 4	18 48 13	11°52'39	17°16	20°55	26°19	22°28	16°15	15°14	26°32	6° 8	7°28	1° 4	2° 0	9°50	11° 4
T 5	18 52 9	12°49'50	29°52	21°53	27°14	23°10	16°28	15°19	26°31	6° 7	7°29	1° 5	1°57	9°56	11°10
F 6	18 56 6	13°47'02	12♈49	22°57	28°10	23°53	16°42	15°25	26°29	6° 6	7°30	1°R 5	1°54	10° 3	11°17
S 7	19 0 2	14°44'15	26° 9	24° 5	29° 7	24°35	16°55	15°30	26°28	6° 5	7°31	1° 5	1°51	10°10	11°23
S 8	19 3 59	15°41'28	9♉54	25°17	0♊ 4	25°17	17° 9	15°35	26°26	6° 3	7°32	1° 4	1°48	10°16	11°30
M 9	19 7 55	16°38'42	24° 6	26°34	1° 1	25°59	17°22	15°40	26°25	6° 2	7°33	1° 3	1°45	10°23	11°36
T 10	19 11 52	17°35'56	8♊42	27°55	1°59	26°41	17°35	15°45	26°24	6° 1	7°34	1° 1	1°41	10°30	11°43
W11	19 15 48	18°33'11	23°38	29°20	2°57	27°23	17°49	15°50	26°23	6° 0	7°36	1° 0	1°38	10°36	11°49
T 12	19 19 45	19°30'27	8♋45	0♋50	3°56	28° 4	18° 2	15°55	26°21	5°59	7°37	0°58	1°35	10°43	11°56
F 13	19 23 42	20°27'43	23°56	2°23	4°55	28°46	18°16	15°59	26°20	5°58	7°38	0°D58	1°32	10°49	12° 2
S 14	19 27 38	21°25'00	9♌ 1	4° 0	5°54	29°28	18°29	16° 4	26°19	5°57	7°39	0°58	1°29	10°56	12° 9
S 15	19 31 35	22°22'17	23°50	5°41	6°53	0♊ 9	18°43	16° 9	26°18	5°56	7°40	0°58	1°25	11° 3	12°15
M16	19 35 31	23°19'34	8♍18	7°26	7°53	0°51	18°56	16°13	26°17	5°55	7°41	0°59	1°22	11° 9	12°22
T 17	19 39 28	24°16'51	22°21	9°14	8°54	1°32	19° 9	16°18	26°16	5°54	7°42	1° 0	1°19	11°16	12°28
W18	19 43 24	25°14'09	5♎58	11° 5	9°54	2°13	19°23	16°22	26°15	5°53	7°43	1° 0	1°16	11°23	12°35
T 19	19 47 21	26°11'27	19° 9	12°59	10°55	2°54	19°36	16°26	26°14	5°52	7°44	1° 0	1°13	11°29	12°41
F 20	19 51 17	27° 8'46	1♏57	14°55	11°57	3°36	19°50	16°30	26°14	5°51	7°45	1°R 0	1°10	11°36	12°47
S 21	19 55 14	28° 6'04	14°26	16°54	12°58	4°17	20° 3	16°34	26°13	5°50	7°46	1° 0	1° 6	11°43	12°54
S 22	19 59 11	29° 3'24	26°39	18°55	14° 0	4°58	20°16	16°38	26°12	5°50	7°47	1° 0	1° 3	11°49	13° 0
M23	20 3 7	0♌ 0'44	8♐40	20°57	15° 2	5°38	20°30	16°42	26°12	5°49	7°48	1° 0	1° 0	11°56	13° 7
T 24	20 7 4	0°58'04	20°34	23° 1	16° 4	6°19	20°43	16°46	26°11	5°48	7°48	1°D 0	0°57	12° 3	13°13
W25	20 11 0	1°55'25	2♑23	25° 6	17° 7	7° 0	20°56	16°50	26°10	5°47	7°49	1° 0	0°54	12° 9	13°19
T 26	20 14 57	2°52'47	14°12	27°11	18°10	7°40	21° 9	16°53	26°10	5°47	7°50	1° 0	0°51	12°16	13°26
F 27	20 18 53	3°50'10	26° 1	29°17	19°13	8°21	21°23	16°57	26° 9	5°46	7°51	1°R 0	0°47	12°23	13°32
S 28	20 22 50	4°47'34	7♒55	1♌23	20°17	9° 1	21°36	17° 0	26° 9	5°45	7°52	1° 0	0°44	12°29	13°38
S 29	20 26 46	5°44'58	19°54	3°28	21°20	9°42	21°49	17° 4	26° 9	5°45	7°53	1° 0	0°41	12°36	13°45
M30	20 30 43	6°42'23	2♓ 2	5°33	22°24	10°22	22° 2	17° 7	26° 8	5°44	7°54	0°59	0°38	12°43	13°51
T 31	20 34 40	7♌39'50	14♓20	7♌37	23♊28	11♊ 2	22♋16	17♉10	26♏ 8	5♐44	7♊54	0♌59	0♌35	12♑49	13♋57

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	23n11	18s24	0s54	19n32	3s28	15n22	3s27	17n13	0s41	22n46	0n12	14n13	2s14	19s15	0n11	19s47	1n37	10n58	10s45	19n58	19n43	21s10	16n57	6s 8
M 2	23 6	15 47	1 58	19 46	3 17	15 35	3 27	17 24	0 40	22 44	0 12	14 15	2 14	19 15	0 11	19 47	1 37	10 58	10 45	19 58	19 44	21 10	16 56	6 8
T 3	23 2	12 27	2 57	20 2	3 5	15 48	3 26	17 36	0 40	22 43	0 12	14 16	2 14	19 14	0 11	19 47	1 37	10 59	10 45	19 58	19 44	21 10	16 55	6 8
W 4	22 57	8 33	3 49	20 17	2 54	16 1	3 26	17 48	0 39	22 41	0 12	14 18	2 14	19 14	0 11	19 47	1 37	10 59	10 45	19 58	19 45	21 11	16 55	6 8
T 5	22 52	4 12	4 31	20 33	2 41	16 14	3 26	17 59	0 38	22 40	0 12	14 19	2 14	19 14	0 11	19 47	1 37	10 59	10 45	19 57	19 46	21 11	16 54	6 8
F 6	22 46	0n27	5 1	20 49	2 29	16 27	3 25	18 10	0 38	22 38	0 12	14 21	2 14	19 13	0 11	19 47	1 37	10 59	10 46	19 57	19 46	21 11	16 54	6 8
S 7	22 40	5 13	5 15	21 6	2 16	16 40	3 24	18 21	0 37	22 37	0 12	14 22	2 15	19 13	0 11	19 46	1 37	10 59	10 46	19 57	19 47	21 12	16 53	6 8
S 8	22 34	9 52	5 13	21 22	2 2	16 53	3 24	18 32	0 36	22 35	0 12	14 23	2 15	19 13	0 11	19 46	1 37	10 59	10 46	19 57	19 48	21 12	16 52	6 8
M 9	22 27	14 7	4 51	21 37	1 49	17 6	3 23	18 43	0 35	22 33	0 12	14 24	2 15	19 13	0 11	19 46	1 37	10 59	10 46	19 58	19 49	21 12	16 52	6 8
T 10	22 19	17 40	4 11	21 52	1 36	17 18	3 21	18 53	0 35	22 32	0 12	14 26	2 15	19 12	0 11	19 46	1 37	10 59	10 46	19 58	19 49	21 13	16 51	6 8
W11	22 12	20 7	3 13	22 7	1 22	17 31	3 20	19 4	0 34	22 30	0 12	14 27	2 15	19 12	0 11	19 46	1 37	10 59	10 46	19 58	19 50	21 13	16 51	6 8
T 12	22 4	21 12	2 0	22 20	1 9	17 43	3 19	19 14	0 33	22 28	0 13	14 28	2 15	19 12	0 11	19 46	1 37	10 59	10 46	19 59	19 51	21 13	16 50	6 8
F 13	21 55	20 43	0 39	22 32	0 55	17 55	3 17	19 24	0 33	22 27	0 13	14 29	2 16	19 12	0 11	19 45	1 37	10 59	10 46	19 59	19 51	21 13	16 49	6 8
S 14	21 47	18 45	0n45	22 43	0 42	18 7	3 16	19 33	0 32	22 25	0 13	14 31	2 16	19 11	0 11	19 45	1 37	10 59	10 46	19 59	19 52	21 14	16 49	6 9
S 15	21 37	15 33	2 4	22 53	0 29	18 19	3 14	19 43	0 31	22 23	0 13	14 32	2 16	19 11	0 11	19 45	1 36	10 59	10 47	19 59	19 53	21 14	16 48	6 9
M16	21 28	11 27	3 13	23 0	0 16	18 30	3 12	19 52	0 30	22 21	0 13	14 33	2 16	19 11	0 11	19 45	1 36	10 59	10 47	19 59	19 53	21 14	16 47	6 9
T 17	21 18	6 50	4 8	23 6	0 4	18 42	3 10	20 1	0 30	22 20	0 13	14 34	2 16	19 11	0 11	19 45	1 36	10 59	10 47	19 58	19 54	21 15	16 46	6 9
W18	21 8	2 2	4 48	23 9	0n 8	18 53	3 8	20 10	0 29	22 18	0 13	14 35	2 17	19 10	0 11	19 45	1 36	10 59	10 47	19 58	19 55	21 15	16 46	6 9
T 19	20 57	2s43	5 11	23 11	0 20	19 3	3 6	20 19	0 28	22 16	0 13	14 36	2 17	19 10	0 11	19 45	1 36	10 59	10 47	19 58	19 56	21 15	16 45	6 9
F 20	20 46	7 12	5 18	23 9	0 31	19 14	3 4	20 28	0 27	22 14	0 13	14 37	2 17	19 10	0 11	19 45	1 36	10 59	10 47	19 58	19 56	21 15	16 44	6 10
S 21	20 35	11 16	5 9	23 5	0 41	19 24	3 1	20 36	0 26	22 12	0 13	14 38	2 17	19 10	0 11	19 45	1 36	10 59	10 47	19 58	19 57	21 16	16 43	6 10
S 22	20 23	14 48	4 47	22 59	0 51	19 34	2 59	20 45	0 26	22 10	0 14	14 39	2 17	19 10	0 11	19 44	1 36	10 59	10 47	19 58	19 58	21 16	16 43	6 10
M23	20 11	17 39	4 12	22 50	0 59	19 43	2 56	20 53	0 25	22 9	0 14	14 40	2 17	19 10	0 11	19 44	1 36	10 59	10 48	19 58	19 58	21 16	16 42	6 10
T 24	19 59	19 43	3 26	22 38	1 8	19 52	2 54	21 0	0 24	22 7	0 14	14 41	2 18	19 10	0 11	19 44	1 36	10 59	10 48	19 58	19 59	21 16	16 41	6 10
W25	19 46	20 55	2 32	22 23	1 15	20 1	2 51	21 8	0 23	22 5	0 14	14 41	2 18	19 9	0 11	19 44	1 36	10 59	10 48	19 58	20 0	21 17	16 40	6 10
T 26	19 33	21 12	1 32	22 6	1 22	20 10	2 48	21 16	0 22	22 3	0 14	14 42	2 18	19 9	0 11	19 44	1 36	10 59	10 48	19 58	20 0	21 17	16 39	6 11
F 27	19 20	20 32	0 28	21 46	1 28	20 18	2 46	21 23	0 22	22 1	0 14	14 43	2 18	19 9	0 11	19 44	1 36	10 59	10 48	19 58	20 1	21 17	16 39	6 11
S 28	19 6	18 56	0s38	21 24	1 33	20 25	2 43	21 30	0 21	21 59	0 14	14 44	2 19	19 9	0 11	19 44	1 36	10 59	10 48	19 58	20 2	21 17	16 38	6 11
S 29	18 52	16 30	1 43	20 59	1 37	20 33	2 40	21 37	0 20	21 57	0 14	14 45	2 19	19 9	0 11	19 44	1 36	10 59	10 49	19 58	20 3	21 18	16 37	6 11
M30	18 38	13 19	2 44	20 32	1 40	20 40	2 37	21 44	0 19	21 55	0 14	14 45	2 19	19 9	0 11	19 44	1 36	10 59	10 49	19 59	20 3	21 18	16 36	6 12
T 31	18n23	9s32	3s38	20n 3	1n43	20n46	2s34	21n50	0s18	21n53	0n14	14n46	2s19	19s 9	0n11	19s44	1n36	10n59	10s49	19n59	20n 4	21s18	16n35	6s12

Julian Day Number = 2322430.5, Delta T = 50.28 sec
Ecliptic obliquity = 23°29'01, Nutation = - 0°00'14
Ayanamsha: Fagan/Bradley = 19°48'23, Lahiri = 18°55'23Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.12.2016]

AUGUST 1646 GC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
W 1	20 38 36	8♌37'17	26♓50	9♌41	24♊33	11♊42	22♋29	17♉13	26°R 8	5°R43	7♊55	0°R58	0♌31	12♑56	14♋ 3
T 2	20 42 33	9°34'46	9♈34	11°43	25°37	12°22	22°42	17°16	26♏ 8	5♐42	7°56	0♌57	0°28	13° 3	14° 9
F 3	20 46 29	10°32'16	22°35	13°45	26°42	13° 2	22°55	17°19	26° 8	5°42	7°57	0°56	0°25	13° 9	14°15
S 4	20 50 26	11°29'48	5♉54	15°45	27°47	13°42	23° 8	17°22	26° 7	5°42	7°57	0°D55	0°22	13°16	14°22
S 5	20 54 22	12°27'21	19°34	17°44	28°52	14°22	23°21	17°25	26°D 7	5°41	7°58	0°56	0°19	13°22	14°28
M 6	20 58 19	13°24'55	3♊34	19°42	29°58	15° 1	23°34	17°27	26° 8	5°41	7°59	0°56	0°16	13°29	14°34
T 7	21 2 15	14°22'31	17°55	21°38	1♋ 4	15°41	23°47	17°30	26° 8	5°40	7°59	0°57	0°12	13°36	14°40
W 8	21 6 12	15°20'09	2♋33	23°33	2° 9	16°20	24° 0	17°32	26° 8	5°40	8° 0	0°58	0° 9	13°42	14°46
T 9	21 10 9	16°17'48	17°24	25°26	3°16	16°59	24°13	17°35	26° 8	5°40	8° 1	0°59	0° 6	13°49	14°52
F 10	21 14 5	17°15'28	2♌22	27°18	4°22	17°39	24°26	17°37	26° 8	5°40	8° 1	0°R59	0° 3	13°56	14°58
S 11	21 18 2	18°13'10	17°18	29° 9	5°28	18°18	24°38	17°39	26° 9	5°39	8° 2	0°59	29♋59	14° 2	15° 3
S 12	21 21 58	19°10'53	2♍ 5	0♍58	6°35	18°57	24°51	17°41	26° 9	5°39	8° 2	0°57	29°56	14° 9	15° 9
M13	21 25 55	20° 8'37	16°35	2°46	7°41	19°36	25° 4	17°43	26° 9	5°39	8° 3	0°55	29°53	14°16	15°15
T 14	21 29 51	21° 6'22	0♎43	4°32	8°48	20°14	25°17	17°45	26°10	5°39	8° 3	0°52	29°50	14°22	15°21
W15	21 33 48	22° 4'09	14°26	6°17	9°56	20°53	25°29	17°46	26°10	5°39	8° 4	0°50	29°47	14°29	15°27
T 16	21 37 44	23° 1'56	27°42	8° 0	11° 3	21°32	25°42	17°48	26°11	5°39	8° 4	0°47	29°44	14°36	15°32
F 17	21 41 41	23°59'45	10♏34	9°42	12°10	22°10	25°55	17°50	26°11	5°39	8° 5	0°46	29°41	14°42	15°38
S 18	21 45 38	24°57'35	23° 4	11°22	13°18	22°49	26° 7	17°51	26°12	5°D39	8° 5	0°D45	29°37	14°49	15°44
S 19	21 49 34	25°55'27	5♐16	13° 2	14°25	23°27	26°20	17°52	26°13	5°39	8° 6	0°45	29°34	14°56	15°49
M20	21 53 31	26°53'19	17°16	14°40	15°33	24° 5	26°32	17°53	26°14	5°39	8° 6	0°46	29°31	15° 2	15°55
T 21	21 57 27	27°51'13	29° 7	16°16	16°41	24°43	26°44	17°54	26°14	5°39	8° 6	0°48	29°28	15° 9	16° 0
W22	22 1 24	28°49'08	10♑56	17°51	17°49	25°21	26°57	17°55	26°15	5°39	8° 7	0°50	29°25	15°16	16° 6
T 23	22 5 20	29°47'05	22°45	19°25	18°58	25°59	27° 9	17°56	26°16	5°39	8° 7	0°51	29°22	15°22	16°11
F 24	22 9 17	0♍45'03	4♒38	20°58	20° 6	26°37	27°21	17°57	26°17	5°39	8° 7	0°R51	29°18	15°29	16°16
S 25	22 13 13	1°43'02	16°39	22°29	21°15	27°14	27°33	17°58	26°18	5°40	8° 8	0°50	29°15	15°36	16°22
S 26	22 17 10	2°41'03	28°50	23°59	22°24	27°52	27°45	17°58	26°19	5°40	8° 8	0°47	29°12	15°42	16°27
M27	22 21 7	3°39'06	11♓12	25°27	23°32	28°29	27°57	17°59	26°20	5°40	8° 8	0°43	29° 9	15°49	16°32
T 28	22 25 3	4°37'10	23°47	26°55	24°41	29° 6	28° 9	17°59	26°22	5°40	8° 9	0°38	29° 6	15°55	16°37
W29	22 29 0	5°35'16	6♈34	28°20	25°51	29°43	28°21	17°59	26°23	5°41	8° 9	0°32	29° 2	16° 2	16°42
T 30	22 32 56	6°33'24	19°35	29°45	27° 0	0♋20	28°33	17°59	26°24	5°41	8° 9	0°26	28°59	16° 9	16°47
F 31	22 36 53	7♍31'34	2♉50	1♎ 8	28♋ 9	0♋57	28♋45	17°R59	26♏25	5♐42	8♊ 9	0♌21	28♋56	16♑15	16♋52

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	18n 8	5s17	4s23	19n32	1n45	20n52	2s30	21n57	0s18	21n51	0n15	14n47	2s19	19s 9	0n11	19s44	1n36	10n59	10s49	19n59	20n 5	21s18	16n34	6s12
T 2	17 53	0 44	4 55	19 0	1 46	20 58	2 27	22 3	0 17	21 49	0 15	14 47	2 20	19 9	0 11	19 44	1 36	10 59	10 49	19 59	20 5	21 18	16 33	6 12
F 3	17 38	3n57	5 14	18 26	1 46	21 3	2 24	22 9	0 16	21 47	0 15	14 48	2 20	19 9	0 11	19 44	1 36	10 59	10 49	19 59	20 6	21 19	16 32	6 13
S 4	17 22	8 33	5 16	17 50	1 46	21 7	2 21	22 14	0 15	21 44	0 15	14 49	2 20	19 9	0 11	19 44	1 35	10 59	10 49	19 59	20 7	21 19	16 32	6 13
S 5	17 6	12 50	5 1	17 13	1 45	21 12	2 17	22 20	0 14	21 42	0 15	14 49	2 20	19 9	0 11	19 44	1 35	10 59	10 50	19 59	20 7	21 19	16 31	6 13
M 6	16 50	16 32	4 27	16 35	1 44	21 15	2 14	22 25	0 13	21 40	0 15	14 50	2 20	19 9	0 11	19 44	1 35	10 59	10 50	19 59	20 8	21 19	16 30	6 14
T 7	16 33	19 20	3 37	15 55	1 42	21 18	2 10	22 31	0 12	21 38	0 15	14 50	2 21	19 9	0 11	19 44	1 35	10 59	10 50	19 59	20 9	21 19	16 29	6 14
W 8	16 16	20 56	2 31	15 15	1 39	21 21	2 7	22 36	0 11	21 36	0 15	14 51	2 21	19 9	0 11	19 44	1 35	10 59	10 50	19 59	20 9	21 19	16 28	6 14
T 9	15 59	21 7	1 15	14 34	1 36	21 23	2 3	22 40	0 11	21 34	0 15	14 51	2 21	19 9	0 11	19 44	1 35	10 59	10 50	19 59	20 10	21 20	16 27	6 15
F 10	15 41	19 48	0n 8	13 53	1 33	21 25	2 0	22 45	0 10	21 32	0 16	14 51	2 21	19 9	0 10	19 44	1 35	10 59	10 51	19 59	20 11	21 20	16 26	6 15
S 11	15 24	17 6	1 29	13 10	1 29	21 26	1 56	22 49	0 9	21 30	0 16	14 52	2 21	19 9	0 10	19 44	1 35	10 59	10 51	19 59	20 11	21 20	16 25	6 15
S 12	15 6	13 18	2 44	12 28	1 24	21 27	1 52	22 54	0 8	21 27	0 16	14 52	2 22	19 9	0 10	19 44	1 35	10 58	10 51	19 59	20 12	21 20	16 24	6 16
M13	14 48	8 46	3 46	11 45	1 19	21 27	1 49	22 58	0 7	21 25	0 16	14 52	2 22	19 10	0 10	19 44	1 35	10 58	10 51	19 59	20 13	21 20	16 23	6 16
T 14	14 29	3 53	4 33	11 1	1 14	21 27	1 45	23 2	0 6	21 23	0 16	14 53	2 22	19 10	0 10	19 44	1 35	10 58	10 51	20 0	20 13	21 20	16 22	6 16
W15	14 11	1s 3	5 3	10 17	1 9	21 26	1 41	23 5	0 5	21 21	0 16	14 53	2 22	19 10	0 10	19 44	1 35	10 58	10 51	20 1	20 14	21 21	16 21	6 17
T 16	13 52	5 46	5 15	9 33	1 3	21 24	1 37	23 9	0 4	21 19	0 16	14 53	2 23	19 10	0 10	19 44	1 35	10 58	10 52	20 1	20 15	21 21	16 20	6 17
F 17	13 33	10 6	5 11	8 49	0 56	21 22	1 34	23 12	0 3	21 16	0 16	14 53	2 23	19 10	0 10	19 44	1 35	10 58	10 52	20 2	20 15	21 21	16 19	6 17
S 18	13 14	13 52	4 52	8 5	0 50	21 20	1 30	23 15	0 2	21 14	0 16	14 54	2 23	19 10	0 10	19 44	1 35	10 58	10 52	20 2	20 16	21 21	16 18	6 18
S 19	12 54	16 57	4 20	7 21	0 43	21 17	1 26	23 18	0 1	21 12	0 17	14 54	2 23	19 10	0 10	19 44	1 35	10 58	10 52	20 2	20 17	21 21	16 17	6 18
M20	12 34	19 16	3 37	6 37	0 36	21 13	1 22	23 21	0 0	21 10	0 17	14 54	2 23	19 11	0 10	19 44	1 35	10 58	10 52	20 1	20 17	21 21	16 16	6 19
T 21	12 14	20 43	2 46	5 53	0 29	21 9	1 18	23 23	0n 1	21 7	0 17	14 54	2 24	19 11	0 10	19 44	1 34	10 57	10 53	20 1	20 18	21 21	16 15	6 19
W22	11 54	21 15	1 47	5 9	0 22	21 4	1 15	23 26	0 2	21 5	0 17	14 54	2 24	19 11	0 10	19 44	1 34	10 57	10 53	20 1	20 19	21 21	16 14	6 19
T 23	11 34	20 50	0 44	4 25	0 14	20 58	1 11	23 28	0 3	21 3	0 17	14 54	2 24	19 11	0 10	19 44	1 34	10 57	10 53	20 0	20 19	21 21	16 13	6 20
F 24	11 14	19 29	0s21	3 41	0 7	20 52	1 7	23 30	0 4	21 1	0 17	14 54	2 24	19 12	0 10	19 44	1 34	10 57	10 53	20 0	20 20	21 22	16 12	6 20
S 25	10 53	17 14	1 26	2 58	0s 1	20 46	1 3	23 32	0 5	20 58	0 17	14 54	2 25	19 12	0 10	19 45	1 34	10 57	10 53	20 1	20 21	21 22	16 11	6 21
S 26	10 32	14 12	2 27	2 15	0 9	20 39	0 59	23 34	0 6	20 56	0 17	14 54	2 25	19 12	0 10	19 45	1 34	10 57	10 54	20 1	20 21	21 22	16 10	6 21
M27	10 11	10 30	3 23	1 33	0 17	20 31	0 55	23 35	0 7	20 54	0 17	14 54	2 25	19 12	0 10	19 45	1 34	10 57	10 54	20 2	20 22	21 22	16 9	6 22
T 28	9 50	6 18	4 9	0 50	0 26	20 23	0 52	23 37	0 8	20 51	0 18	14 54	2 25	19 13	0 10	19 45	1 34	10 56	10 54	20 3	20 23	21 22	16 8	6 22
W29	9 29	1 44	4 44	0 9	0 34	20 14	0 48	23 38	0 9	20 49	0 18	14 54	2 26	19 13	0 10	19 45	1 34	10 56	10 54	20 4	20 23	21 22	16 7	6 22
T 30	9 7	2n58	5 5	0s33	0 42	20 5	0 44	23 39	0 10	20 47	0 18	14 53	2 26	19 13	0 10	19 45	1 34	10 56	10 54	20 6	20 24	21 22	16 6	6 23
F 31	8n46	7n36	5s11	1s14	0s51	19n55	0s40	23n40	0n11	20n45	0n18	14n53	2s26	19s14	0n10	19s45	1n34	10n56	10s54	20n 7	20n25	21s22	16n 4	6s23

Julian Day Number = 2322461.5, Delta T = 50.10 sec
Ecliptic obliquity = 23°29'02, Nutation = - 0°00'14
Ayanamsha: Fagan/Bradley = 19°48'27, Lahiri = 18°55'27Greg. Calendar

SEPTEMBER 1646 GC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
S 1	22 40 49	8♍29'46	16♉17	2♎30	29♋19	1♋34	28♋57	17°R59	26♏27	5♐42	8♊ 9	0°R18	28♋53	16♑22	16♋57
S 2	22 44 46	9°28'00	29°58	3°50	0♌29	2°11	29° 8	17♉59	26°28	5°43	8° 9	0♌16	28°50	16°29	17° 2
M 3	22 48 42	10°26'16	13♊53	5° 8	1°38	2°47	29°20	17°59	26°30	5°43	8° 9	0°D15	28°47	16°35	17° 7
T 4	22 52 39	11°24'34	28° 0	6°25	2°48	3°24	29°32	17°58	26°31	5°44	8°10	0°16	28°43	16°42	17°12
W 5	22 56 36	12°22'55	12♋19	7°41	3°58	4° 0	29°43	17°58	26°33	5°44	8°10	0°18	28°40	16°49	17°16
T 6	23 0 32	13°21'17	26°48	8°55	5° 9	4°36	29°54	17°57	26°34	5°45	8°10	0°R18	28°37	16°55	17°21
F 7	23 4 29	14°19'42	11♌22	10° 7	6°19	5°12	0♌ 6	17°56	26°36	5°45	8°10	0°18	28°34	17° 2	17°26
S 8	23 8 25	15°18'08	25°58	11°17	7°29	5°48	0°17	17°56	26°38	5°46	8°R10	0°16	28°31	17° 9	17°30
S 9	23 12 22	16°16'37	10♍28	12°25	8°40	6°24	0°28	17°55	26°40	5°47	8°10	0°11	28°28	17°15	17°35
M10	23 16 18	17°15'07	24°48	13°32	9°50	6°59	0°39	17°53	26°41	5°48	8°10	0° 5	28°24	17°22	17°39
T 11	23 20 15	18°13'39	8♎49	14°36	11° 1	7°35	0°50	17°52	26°43	5°48	8°10	29♋57	28°21	17°29	17°43
W12	23 24 11	19°12'13	22°30	15°37	12°12	8°10	1° 1	17°51	26°45	5°49	8° 9	29°49	28°18	17°35	17°47
T 13	23 28 8	20°10'49	5♏47	16°37	13°23	8°45	1°12	17°50	26°47	5°50	8° 9	29°41	28°15	17°42	17°52
F 14	23 32 4	21° 9'26	18°40	17°33	14°34	9°20	1°23	17°48	26°49	5°51	8° 9	29°35	28°12	17°48	17°56
S 15	23 36 1	22° 8'06	1♐11	18°27	15°45	9°55	1°33	17°47	26°51	5°52	8° 9	29°30	28° 8	17°55	18° 0
S 16	23 39 58	23° 6'47	13°25	19°18	16°56	10°29	1°44	17°45	26°53	5°53	8° 9	29°28	28° 5	18° 2	18° 4
M17	23 43 54	24° 5'29	25°24	20° 5	18° 8	11° 4	1°54	17°43	26°55	5°54	8° 9	29°D27	28° 2	18° 8	18° 8
T 18	23 47 51	25° 4'14	7♑16	20°49	19°19	11°38	2° 5	17°41	26°57	5°55	8° 9	29°28	27°59	18°15	18°11
W19	23 51 47	26° 3'00	19° 4	21°29	20°31	12°13	2°15	17°39	27° 0	5°56	8° 8	29°29	27°56	18°22	18°15
T 20	23 55 44	27° 1'48	0♒54	22° 5	21°42	12°47	2°25	17°37	27° 2	5°57	8° 8	29°R30	27°53	18°28	18°19
F 21	23 59 40	28° 0'38	12°51	22°36	22°54	13°21	2°35	17°35	27° 4	5°58	8° 8	29°29	27°49	18°35	18°23
S 22	0 3 37	28°59'29	24°59	23° 3	24° 6	13°54	2°45	17°33	27° 6	5°59	8° 7	29°25	27°46	18°42	18°26
S 23	0 7 33	29°58'22	7♓21	23°24	25°18	14°28	2°55	17°30	27° 9	6° 0	8° 7	29°20	27°43	18°48	18°30
M24	0 11 30	0♎57'18	19°59	23°39	26°30	15° 1	3° 5	17°28	27°11	6° 1	8° 7	29°12	27°40	18°55	18°33
T 25	0 15 27	1°56'15	2♈53	23°49	27°42	15°34	3°14	17°25	27°14	6° 2	8° 6	29° 2	27°37	19° 2	18°36
W26	0 19 23	2°55'14	16° 4	23°R52	28°54	16° 8	3°24	17°22	27°16	6° 4	8° 6	28°51	27°33	19° 8	18°39
T 27	0 23 20	3°54'15	29°28	23°47	0♍ 6	16°40	3°33	17°20	27°19	6° 5	8° 6	28°40	27°30	19°15	18°43
F 28	0 27 16	4°53'19	13♉ 5	23°36	1°19	17°13	3°43	17°17	27°21	6° 6	8° 5	28°30	27°27	19°21	18°46
S 29	0 31 13	5°52'25	26°51	23°17	2°31	17°46	3°52	17°14	27°24	6° 8	8° 5	28°22	27°24	19°28	18°49
S 30	0 35 9	6♎51'33	10♊45	22♎50	3♍43	18♋18	4♌ 1	17♉11	27♏27	6♐ 9	8♊ 4	28♋17	27♋21	19♑35	18♋52

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	8n24	11n58	4s59	1s54	0s59	19n44	0s36	23n40	0n12	20n42	0n18	14n53	2s26	19s14	0n10	19s45	1n34	10n56	10s55	20n 8	20n25	21s22	16n 3	6s24
S 2	8 2	15 47	4 30	2 34	1 8	19 33	0 33	23 41	0 13	20 40	0 18	14 53	2 26	19 14	0 10	19 46	1 34	10 56	10 55	20 8	20 26	21 22	16 2	6 24
M 3	7 40	18 47	3 46	3 13	1 16	19 22	0 29	23 41	0 14	20 38	0 18	14 52	2 27	19 15	0 10	19 46	1 34	10 55	10 55	20 8	20 27	21 22	16 1	6 25
T 4	7 18	20 42	2 46	3 51	1 25	19 10	0 25	23 41	0 15	20 35	0 18	14 52	2 27	19 15	0 10	19 46	1 34	10 55	10 55	20 8	20 27	21 22	16 0	6 25
W 5	6 56	21 19	1 36	4 29	1 33	18 57	0 22	23 42	0 16	20 33	0 19	14 52	2 27	19 15	0 10	19 46	1 34	10 55	10 55	20 8	20 28	21 22	15 59	6 26
T 6	6 33	20 32	0 19	5 6	1 42	18 44	0 18	23 41	0 17	20 31	0 19	14 51	2 27	19 16	0 10	19 46	1 34	10 55	10 56	20 7	20 29	21 22	15 58	6 26
F 7	6 11	18 21	1n 0	5 42	1 50	18 30	0 14	23 41	0 18	20 29	0 19	14 51	2 27	19 16	0 10	19 46	1 33	10 55	10 56	20 7	20 29	21 22	15 57	6 27
S 8	5 48	15 0	2 14	6 17	1 58	18 16	0 11	23 41	0 19	20 26	0 19	14 50	2 28	19 17	0 10	19 46	1 33	10 54	10 56	20 8	20 30	21 22	15 56	6 28
S 9	5 25	10 44	3 20	6 52	2 7	18 1	0 7	23 40	0 21	20 24	0 19	14 50	2 28	19 17	0 10	19 47	1 33	10 54	10 56	20 9	20 30	21 22	15 55	6 28
M10	5 3	5 55	4 12	7 25	2 15	17 46	0 4	23 40	0 22	20 22	0 19	14 49	2 28	19 17	0 10	19 47	1 33	10 54	10 56	20 10	20 31	21 22	15 54	6 29
T 11	4 40	0 54	4 47	7 57	2 23	17 30	0 0	23 39	0 23	20 20	0 19	14 49	2 28	19 18	0 10	19 47	1 33	10 54	10 57	20 12	20 32	21 22	15 53	6 29
W12	4 17	4s 3	5 5	8 29	2 31	17 13	0n 3	23 38	0 24	20 17	0 20	14 48	2 28	19 18	0 10	19 47	1 33	10 54	10 57	20 14	20 32	21 22	15 52	6 30
T 13	3 54	8 40	5 6	8 59	2 38	16 57	0 7	23 37	0 25	20 15	0 20	14 48	2 29	19 19	0 10	19 47	1 33	10 53	10 57	20 15	20 33	21 22	15 50	6 30
F 14	3 31	12 45	4 51	9 27	2 46	16 39	0 10	23 35	0 26	20 13	0 20	14 47	2 29	19 19	0 10	19 48	1 33	10 53	10 57	20 17	20 34	21 22	15 49	6 31
S 15	3 8	16 9	4 22	9 55	2 53	16 22	0 14	23 34	0 27	20 11	0 20	14 47	2 29	19 20	0 10	19 48	1 33	10 53	10 57	20 18	20 34	21 22	15 48	6 31
S 16	2 44	18 47	3 42	10 20	3 0	16 3	0 17	23 33	0 28	20 8	0 20	14 46	2 29	19 20	0 10	19 48	1 33	10 53	10 58	20 18	20 35	21 22	15 47	6 32
M17	2 21	20 32	2 53	10 45	3 6	15 45	0 20	23 31	0 30	20 6	0 20	14 45	2 29	19 21	0 10	19 48	1 33	10 53	10 58	20 18	20 36	21 22	15 46	6 33
T 18	1 58	21 21	1 57	11 7	3 13	15 25	0 23	23 29	0 31	20 4	0 20	14 45	2 30	19 21	0 10	19 49	1 33	10 52	10 58	20 18	20 36	21 22	15 45	6 33
W19	1 34	21 12	0 56	11 27	3 18	15 6	0 26	23 27	0 32	20 2	0 21	14 44	2 30	19 22	0 10	19 49	1 33	10 52	10 58	20 18	20 37	21 22	15 44	6 34
T 20	1 11	20 7	0s 8	11 46	3 24	14 46	0 30	23 25	0 33	20 0	0 21	14 43	2 30	19 22	0 10	19 49	1 33	10 52	10 58	20 18	20 38	21 22	15 43	6 34
F 21	0 48	18 7	1 11	12 2	3 28	14 25	0 33	23 23	0 34	19 57	0 21	14 42	2 30	19 23	0 10	19 49	1 33	10 52	10 59	20 18	20 38	21 22	15 42	6 35
S 22	0 24	15 17	2 12	12 15	3 32	14 4	0 36	23 21	0 36	19 55	0 21	14 41	2 30	19 23	0 10	19 49	1 33	10 51	10 59	20 19	20 39	21 22	15 41	6 36
S 23	0 1	11 44	3 8	12 26	3 36	13 43	0 38	23 19	0 37	19 53	0 21	14 41	2 31	19 24	0 10	19 50	1 33	10 51	10 59	20 20	20 39	21 22	15 40	6 36
M24	0s23	7 35	3 56	12 35	3 38	13 21	0 41	23 16	0 38	19 51	0 21	14 40	2 31	19 25	0 10	19 50	1 33	10 51	10 59	20 21	20 40	21 22	15 39	6 37
T 25	0 46	3 1	4 33	12 40	3 40	12 59	0 44	23 14	0 39	19 49	0 21	14 39	2 31	19 25	0 10	19 50	1 33	10 51	10 59	20 23	20 41	21 22	15 38	6 37
W26	1 10	1n47	4 56	12 41	3 40	12 37	0 47	23 11	0 41	19 47	0 22	14 38	2 31	19 26	0 10	19 50	1 32	10 51	10 59	20 26	20 41	21 22	15 37	6 38
T 27	1 33	6 35	5 3	12 39	3 40	12 14	0 50	23 8	0 42	19 45	0 22	14 37	2 31	19 26	0 10	19 51	1 32	10 50	11 0	20 28	20 42	21 22	15 35	6 39
F 28	1 57	11 8	4 53	12 33	3 38	11 51	0 52	23 5	0 43	19 43	0 22	14 36	2 31	19 27	0 10	19 51	1 32	10 50	11 0	20 30	20 43	21 22	15 34	6 39
S 29	2 20	15 10	4 27	12 23	3 34	11 27	0 55	23 2	0 45	19 41	0 22	14 35	2 32	19 28	0 10	19 51	1 32	10 50	11 0	20 32	20 43	21 22	15 33	6 40
S 30	2s44	18n24	3s44	12s 8	3s29	11n 3	0n57	22n59	0n46	19n39	0n22	14n34	2s32	19s28	0n10	19s52	1n32	10n50	11s 0	20n33	20n44	21s22	15n32	6s41

Julian Day Number = 2322492.5, Delta T = 49.92 sec
Ecliptic obliquity = 23°29'03, Nutation = - 0°00'15
Ayanamsha: Fagan/Bradley = 19°48'31, Lahiri = 18°55'31Greg. Calendar

OCTOBER 1646 GC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
M 1	0 39 6	7♎50'43	24♊44	22°R15	4♍56	18♋50	4♌10	17°R 8	27♏29	6♐10	8°R 4	28°R15	27♋18	19♑41	18♋54
T 2	0 43 2	8°49'56	8♋47	21♎32	6° 9	19°22	4°19	17♉ 5	27°32	6°12	8♊ 3	28°D14	27°14	19°48	18°57
W 3	0 46 59	9°49'12	22°54	20°42	7°22	19°54	4°28	17° 1	27°35	6°13	8° 3	28°R14	27°11	19°55	19° 0
T 4	0 50 56	10°48'29	7♌ 4	19°45	8°34	20°25	4°37	16°58	27°37	6°14	8° 2	28♋14	27° 8	20° 1	19° 2
F 5	0 54 52	11°47'49	21°15	18°42	9°47	20°57	4°45	16°54	27°40	6°16	8° 2	28°12	27° 5	20° 8	19° 5
S 6	0 58 49	12°47'11	5♍25	17°34	11° 0	21°28	4°54	16°51	27°43	6°17	8° 1	28° 8	27° 2	20°15	19° 7
S 7	1 2 45	13°46'36	19°30	16°24	12°13	21°59	5° 2	16°47	27°46	6°19	8° 1	28° 1	26°59	20°21	19° 9
M 8	1 6 42	14°46'02	3♎27	15°11	13°27	22°30	5°10	16°44	27°49	6°21	8° 0	27°51	26°55	20°28	19°12
T 9	1 10 38	15°45'31	17°11	13°59	14°40	23° 0	5°18	16°40	27°52	6°22	7°59	27°39	26°52	20°35	19°14
W10	1 14 35	16°45'02	0♏38	12°50	15°53	23°30	5°26	16°36	27°55	6°24	7°59	27°26	26°49	20°41	19°16
T 11	1 18 31	17°44'34	13°47	11°46	17° 6	24° 0	5°34	16°32	27°58	6°25	7°58	27°14	26°46	20°48	19°18
F 12	1 22 28	18°44'09	26°35	10°48	18°20	24°30	5°41	16°28	28° 1	6°27	7°57	27° 3	26°43	20°55	19°20
S 13	1 26 24	19°43'45	9♐ 4	9°58	19°33	25° 0	5°49	16°24	28° 4	6°29	7°57	26°55	26°39	21° 1	19°21
S 14	1 30 21	20°43'24	21°17	9°18	20°47	25°29	5°56	16°20	28° 7	6°30	7°56	26°49	26°36	21° 8	19°23
M15	1 34 18	21°43'04	3♑16	8°49	22° 0	25°58	6° 3	16°16	28°10	6°32	7°55	26°46	26°33	21°14	19°25
T 16	1 38 14	22°42'46	15° 7	8°30	23°14	26°27	6°10	16°12	28°13	6°34	7°54	26°45	26°30	21°21	19°26
W17	1 42 11	23°42'30	26°54	8°D23	24°28	26°56	6°17	16° 7	28°17	6°36	7°54	26°45	26°27	21°28	19°28
T 18	1 46 7	24°42'15	8♒45	8°27	25°41	27°24	6°24	16° 3	28°20	6°37	7°53	26°45	26°24	21°34	19°29
F 19	1 50 4	25°42'02	20°43	8°42	26°55	27°52	6°31	15°59	28°23	6°39	7°52	26°43	26°20	21°41	19°30
S 20	1 54 0	26°41'51	2♓54	9° 7	28° 9	28°20	6°37	15°54	28°26	6°41	7°51	26°40	26°17	21°48	19°31
S 21	1 57 57	27°41'41	15°23	9°42	29°23	28°47	6°44	15°50	28°30	6°43	7°51	26°33	26°14	21°54	19°32
M22	2 1 53	28°41'34	28°12	10°25	0♎37	29°15	6°50	15°45	28°33	6°45	7°50	26°24	26°11	22° 1	19°33
T 23	2 5 50	29°41'28	11♈22	11°16	1°51	29°42	6°56	15°41	28°36	6°47	7°49	26°13	26° 8	22° 8	19°34
W24	2 9 47	0♏41'23	24°54	12°15	3° 5	0♌ 8	7° 2	15°36	28°40	6°48	7°48	26° 0	26° 4	22°14	19°35
T 25	2 13 43	1°41'21	8♉43	13°19	4°19	0°35	7° 7	15°31	28°43	6°50	7°47	25°47	26° 1	22°21	19°35
F 26	2 17 40	2°41'21	22°47	14°29	5°33	1° 1	7°13	15°27	28°46	6°52	7°46	25°36	25°58	22°28	19°36
S 27	2 21 36	3°41'23	6♊59	15°44	6°48	1°27	7°18	15°22	28°50	6°54	7°45	25°27	25°55	22°34	19°36
S 28	2 25 33	4°41'27	21°16	17° 2	8° 2	1°52	7°24	15°17	28°53	6°56	7°44	25°21	25°52	22°41	19°37
M29	2 29 29	5°41'33	5♋32	18°24	9°16	2°17	7°29	15°13	28°57	6°58	7°43	25°17	25°49	22°47	19°37
T 30	2 33 26	6°41'41	19°45	19°49	10°31	2°42	7°33	15° 8	29° 0	7° 0	7°42	25°D16	25°45	22°54	19°37
W31	2 37 22	7♏41'51	3♌53	21♎16	11♎45	3♌ 7	7♌38	15♉ 3	29♏ 4	7♐ 2	7♊41	25°R16	25♋42	23♑ 1	19°R37

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	3s 7	20n35	2s48	11s49	3s23	10n39	1n 0	22n56	0n47	19n37	0n22	14n33	2s32	19s29	0n10	19s52	1n32	10n49	11s 0	20n33	20n44	21s22	15n31	6s41
T 2	3 30	21 30	1 41	11 25	3 15	10 14	1 2	22 53	0 48	19 35	0 23	14 32	2 32	19 29	0 10	19 52	1 32	10 49	11 0	20 33	20 45	21 22	15 30	6 42
W 3	3 54	21 4	0 28	10 57	3 4	9 49	1 4	22 50	0 50	19 33	0 23	14 31	2 32	19 30	0 10	19 52	1 32	10 49	11 1	20 33	20 46	21 21	15 29	6 43
T 4	4 17	19 18	0n47	10 24	2 52	9 24	1 7	22 46	0 51	19 31	0 23	14 30	2 32	19 31	0 10	19 53	1 32	10 49	11 1	20 33	20 46	21 21	15 28	6 43
F 5	4 40	16 19	1 59	9 47	2 38	8 59	1 9	22 43	0 53	19 29	0 23	14 29	2 32	19 31	0 10	19 53	1 32	10 48	11 1	20 34	20 47	21 21	15 27	6 44
S 6	5 4	12 23	3 3	9 6	2 23	8 33	1 11	22 39	0 54	19 27	0 23	14 28	2 33	19 32	0 10	19 53	1 32	10 48	11 1	20 34	20 48	21 21	15 26	6 45
S 7	5 27	7 47	3 56	8 23	2 5	8 7	1 13	22 36	0 55	19 25	0 23	14 27	2 33	19 33	0 9	19 54	1 32	10 48	11 1	20 36	20 48	21 21	15 25	6 45
M 8	5 50	2 49	4 34	7 38	1 47	7 40	1 15	22 32	0 57	19 23	0 23	14 25	2 33	19 33	0 9	19 54	1 32	10 48	11 1	20 38	20 49	21 21	15 24	6 46
T 9	6 13	2s12	4 56	6 52	1 27	7 14	1 17	22 28	0 58	19 22	0 24	14 24	2 33	19 34	0 9	19 54	1 32	10 47	11 2	20 40	20 49	21 21	15 23	6 47
W10	6 36	7 1	5 0	6 6	1 7	6 47	1 19	22 25	0 59	19 20	0 24	14 23	2 33	19 35	0 9	19 55	1 32	10 47	11 2	20 43	20 50	21 21	15 22	6 47
T 11	6 59	11 25	4 49	5 22	0 46	6 20	1 20	22 21	1 1	19 18	0 24	14 22	2 33	19 35	0 9	19 55	1 32	10 47	11 2	20 45	20 51	21 21	15 22	6 48
F 12	7 21	15 10	4 22	4 40	0 25	5 53	1 22	22 17	1 2	19 16	0 24	14 21	2 33	19 36	0 9	19 55	1 32	10 47	11 2	20 47	20 51	21 20	15 21	6 49
S 13	7 44	18 10	3 44	4 2	0 5	5 25	1 24	22 13	1 4	19 15	0 24	14 19	2 33	19 37	0 9	19 56	1 32	10 46	11 2	20 49	20 52	21 20	15 20	6 49
S 14	8 6	20 16	2 56	3 29	0n14	4 58	1 25	22 9	1 5	19 13	0 24	14 18	2 33	19 38	0 9	19 56	1 32	10 46	11 2	20 50	20 52	21 20	15 19	6 50
M15	8 29	21 26	2 1	3 1	0 32	4 30	1 26	22 5	1 7	19 12	0 25	14 17	2 34	19 38	0 9	19 56	1 32	10 46	11 2	20 50	20 53	21 20	15 18	6 51
T 16	8 51	21 37	1 1	2 38	0 48	4 2	1 28	22 1	1 8	19 10	0 25	14 16	2 34	19 39	0 9	19 57	1 32	10 46	11 3	20 51	20 54	21 20	15 17	6 51
W17	9 13	20 50	0s 1	2 22	1 3	3 34	1 29	21 57	1 10	19 8	0 25	14 14	2 34	19 40	0 9	19 57	1 32	10 45	11 3	20 51	20 54	21 20	15 16	6 52
T 18	9 35	19 7	1 3	2 11	1 17	3 6	1 30	21 53	1 11	19 7	0 25	14 13	2 34	19 40	0 9	19 57	1 31	10 45	11 3	20 51	20 55	21 19	15 15	6 53
F 19	9 57	16 34	2 3	2 6	1 29	2 37	1 31	21 49	1 13	19 5	0 25	14 12	2 34	19 41	0 9	19 58	1 31	10 45	11 3	20 51	20 55	21 19	15 14	6 54
S 20	10 19	13 14	2 59	2 6	1 39	2 9	1 32	21 45	1 14	19 4	0 26	14 10	2 34	19 42	0 9	19 58	1 31	10 45	11 3	20 52	20 56	21 19	15 13	6 54
S 21	10 40	9 16	3 47	2 12	1 48	1 40	1 33	21 41	1 16	19 2	0 26	14 9	2 34	19 43	0 9	19 58	1 31	10 44	11 3	20 53	20 57	21 19	15 13	6 55
M22	11 2	4 46	4 25	2 23	1 55	1 12	1 34	21 37	1 18	19 1	0 26	14 8	2 34	19 43	0 9	19 59	1 31	10 44	11 3	20 55	20 57	21 19	15 12	6 56
T 23	11 23	0n 3	4 51	2 38	2 0	0 43	1 35	21 33	1 19	19 0	0 26	14 6	2 34	19 44	0 9	19 59	1 31	10 44	11 3	20 57	20 58	21 18	15 11	6 56
W24	11 44	5 0	5 0	2 56	2 4	0 14	1 36	21 28	1 21	18 58	0 26	14 5	2 34	19 45	0 9	19 59	1 31	10 44	11 4	20 59	20 58	21 18	15 10	6 57
T 25	12 5	9 48	4 53	3 19	2 7	0s15	1 36	21 24	1 22	18 57	0 26	14 4	2 34	19 46	0 9	20 0	1 31	10 43	11 4	21 2	20 59	21 18	15 9	6 58
F 26	12 26	14 11	4 28	3 44	2 9	0 44	1 37	21 20	1 24	18 56	0 27	14 2	2 34	19 46	0 9	20 0	1 31	10 43	11 4	21 4	21 0	21 18	15 9	6 59
S 27	12 46	17 48	3 46	4 13	2 10	1 13	1 37	21 16	1 26	18 55	0 27	14 1	2 34	19 47	0 9	20 0	1 31	10 43	11 4	21 5	21 0	21 18	15 8	6 59
S 28	13 7	20 23	2 50	4 43	2 9	1 42	1 38	21 12	1 27	18 54	0 27	14 0	2 34	19 48	0 9	20 1	1 31	10 43	11 4	21 7	21 1	21 17	15 7	7 0
M29	13 27	21 40	1 42	5 15	2 8	2 11	1 38	21 8	1 29	18 52	0 27	13 58	2 34	19 49	0 9	20 1	1 31	10 43	11 4	21 7	21 1	21 17	15 6	7 1
T 30	13 47	21 33	0 29	5 49	2 6	2 39	1 39	21 4	1 31	18 51	0 27	13 57	2 34	19 49	0 9	20 1	1 31	10 42	11 4	21 7	21 2	21 17	15 6	7 1
W31	14s 6	20n 3	0n46	6s24	2n 4	3s 8	1n39	21n 0	1n33	18n50	0n28	13n55	2s34	19s50	0n 9	20s 2	1n31	10n42	11s 4	21n 7	21n 3	21s17	15n 5	7s 2

Julian Day Number = 2322522.5, Delta T = 49.76 sec
Ecliptic obliquity = 23°29'03, Nutation = - 0°00'16
Ayanamsha: Fagan/Bradley = 19°48'35, Lahiri = 18°55'35Greg. Calendar

NOVEMBER 1646 GC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
T 1	2 41 19	8♏42'04	17♌55	22♎46	12♎59	3♌31	7♌43	14°R58	29♏ 7	7♐ 4	7°R40	25°R16	25♋39	23♑ 7	19°R37
F 2	2 45 16	9°42'18	1♍50	24°17	14°14	3°55	7°47	14♉53	29°11	7° 6	7♊40	25♋14	25°36	23°14	19♋37
S 3	2 49 12	10°42'34	15°38	25°49	15°28	4°18	7°51	14°48	29°14	7° 8	7°39	25°10	25°33	23°21	19°37
S 4	2 53 9	11°42'53	29°18	27°22	16°43	4°41	7°55	14°44	29°18	7°10	7°38	25° 3	25°30	23°27	19°36
M 5	2 57 5	12°43'13	12♎49	28°56	17°58	5° 4	7°59	14°39	29°21	7°12	7°36	24°53	25°26	23°34	19°36
T 6	3 1 2	13°43'35	26° 9	0♏31	19°12	5°26	8° 3	14°34	29°25	7°15	7°35	24°42	25°23	23°41	19°36
W 7	3 4 58	14°43'59	9♏15	2° 6	20°27	5°48	8° 6	14°29	29°29	7°17	7°34	24°29	25°20	23°47	19°35
T 8	3 8 55	15°44'25	22° 7	3°41	21°42	6°10	8°10	14°24	29°32	7°19	7°33	24°17	25°17	23°54	19°34
F 9	3 12 51	16°44'53	4♐44	5°17	22°56	6°31	8°13	14°19	29°36	7°21	7°32	24° 6	25°14	24° 1	19°33
S 10	3 16 48	17°45'22	17° 5	6°53	24°11	6°52	8°16	14°14	29°39	7°23	7°31	23°58	25°10	24° 7	19°33
S 11	3 20 45	18°45'52	29°12	8°29	25°26	7°12	8°19	14° 9	29°43	7°25	7°30	23°52	25° 7	24°14	19°32
M12	3 24 41	19°46'24	11♑ 9	10° 5	26°41	7°32	8°21	14° 5	29°47	7°27	7°29	23°49	25° 4	24°20	19°30
T 13	3 28 38	20°46'57	22°58	11°41	27°56	7°51	8°23	14° 0	29°50	7°30	7°28	23°D48	25° 1	24°27	19°29
W14	3 32 34	21°47'32	4♒45	13°17	29°11	8°10	8°26	13°55	29°54	7°32	7°27	23°48	24°58	24°34	19°28
T 15	3 36 31	22°48'07	16°34	14°53	0♏26	8°29	8°28	13°50	29°58	7°34	7°26	23°49	24°55	24°40	19°27
F 16	3 40 27	23°48'44	28°31	16°28	1°41	8°47	8°29	13°45	0♐ 1	7°36	7°25	23°R49	24°51	24°47	19°25
S 17	3 44 24	24°49'23	10♓41	18° 4	2°56	9° 4	8°31	13°41	0° 5	7°38	7°24	23°48	24°48	24°54	19°24
S 18	3 48 20	25°50'02	23°10	19°39	4°11	9°22	8°33	13°36	0° 9	7°41	7°22	23°44	24°45	25° 0	19°22
M19	3 52 17	26°50'42	6♈ 1	21°14	5°26	9°38	8°34	13°31	0°12	7°43	7°21	23°38	24°42	25° 7	19°20
T 20	3 56 14	27°51'24	19°17	22°50	6°41	9°54	8°35	13°27	0°16	7°45	7°20	23°30	24°39	25°14	19°18
W21	4 0 10	28°52'06	2♉59	24°24	7°56	10°10	8°36	13°22	0°20	7°47	7°19	23°21	24°36	25°20	19°16
T 22	4 4 7	29°52'50	17° 5	25°59	9°11	10°25	8°36	13°17	0°24	7°50	7°18	23°12	24°32	25°27	19°14
F 23	4 8 3	0♐53'35	1♊31	27°34	10°26	10°40	8°37	13°13	0°27	7°52	7°17	23° 3	24°29	25°34	19°12
S 24	4 12 0	1°54'22	16° 9	29° 9	11°41	10°54	8°37	13° 8	0°31	7°54	7°16	22°57	24°26	25°40	19°10
S 25	4 15 56	2°55'10	0♋53	0♐43	12°56	11° 7	8°R37	13° 4	0°35	7°56	7°15	22°52	24°23	25°47	19° 8
M26	4 19 53	3°55'59	15°35	2°18	14°11	11°20	8°37	12°59	0°38	7°59	7°13	22°50	24°20	25°54	19° 6
T 27	4 23 49	4°56'50	0♌10	3°52	15°26	11°32	8°37	12°55	0°42	8° 1	7°12	22°D50	24°16	26° 0	19° 3
W28	4 27 46	5°57'41	14°33	5°26	16°42	11°44	8°36	12°51	0°46	8° 3	7°11	22°51	24°13	26° 7	19° 1
T 29	4 31 43	6°58'35	28°41	7° 1	17°57	11°55	8°35	12°47	0°49	8° 5	7°10	22°52	24°10	26°13	18°58
F 30	4 35 39	7♐59'29	12♍34	8♐35	19♏12	12♌ 5	8♌34	12♉42	0♐53	8♐ 8	7♊ 9	22°R53	24♋ 7	26♑20	18♋56

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	14s26	17n21	1n57	7s 0	2n 0	3s37	1n39	20n56	1n34	18n49	0n28	13n54	2s34	19s51	0n 9	20s 2	1n31	10n42	11s 4	21n 7	21n 3	21s16	15n 4	7s 3
F 2	14 45	13 39	3 1	7 37	1 56	4 6	1 39	20 52	1 36	18 48	0 28	13 53	2 34	19 52	0 9	20 3	1 31	10 42	11 4	21 8	21 4	21 16	15 4	7 3
S 3	15 4	9 16	3 54	8 15	1 52	4 35	1 39	20 48	1 38	18 48	0 28	13 51	2 34	19 53	0 9	20 3	1 31	10 41	11 4	21 8	21 4	21 16	15 3	7 4
S 4	15 23	4 26	4 32	8 53	1 48	5 4	1 39	20 45	1 40	18 47	0 28	13 50	2 34	19 53	0 9	20 3	1 31	10 41	11 5	21 10	21 5	21 16	15 2	7 5
M 5	15 41	0s32	4 55	9 31	1 42	5 33	1 38	20 41	1 42	18 46	0 29	13 48	2 34	19 54	0 9	20 4	1 31	10 41	11 5	21 11	21 5	21 15	15 2	7 6
T 6	15 59	5 26	5 2	10 9	1 37	6 1	1 38	20 37	1 44	18 45	0 29	13 47	2 34	19 55	0 9	20 4	1 31	10 41	11 5	21 14	21 6	21 15	15 1	7 6
W 7	16 17	9 59	4 52	10 48	1 31	6 30	1 38	20 33	1 45	18 44	0 29	13 46	2 34	19 56	0 9	20 4	1 31	10 41	11 5	21 16	21 7	21 15	15 0	7 7
T 8	16 35	14 1	4 28	11 26	1 25	6 58	1 37	20 30	1 47	18 44	0 29	13 44	2 34	19 56	0 9	20 5	1 31	10 40	11 5	21 18	21 7	21 15	15 0	7 8
F 9	16 52	17 21	3 50	12 4	1 19	7 26	1 37	20 26	1 49	18 43	0 29	13 43	2 34	19 57	0 9	20 5	1 31	10 40	11 5	21 20	21 8	21 14	14 59	7 8
S 10	17 9	19 50	3 3	12 41	1 13	7 54	1 36	20 23	1 51	18 43	0 30	13 42	2 34	19 58	0 9	20 5	1 31	10 40	11 5	21 21	21 8	21 14	14 59	7 9
S 11	17 26	21 22	2 7	13 18	1 7	8 22	1 36	20 20	1 53	18 42	0 30	13 40	2 34	19 59	0 9	20 6	1 31	10 40	11 5	21 22	21 9	21 14	14 58	7 10
M12	17 43	21 54	1 7	13 55	1 0	8 50	1 35	20 17	1 55	18 42	0 30	13 39	2 34	20 0	0 9	20 6	1 31	10 40	11 5	21 23	21 10	21 13	14 58	7 10
T 13	17 59	21 27	0 4	14 31	0 53	9 17	1 34	20 13	1 57	18 41	0 30	13 37	2 34	20 0	0 9	20 7	1 31	10 39	11 5	21 23	21 10	21 13	14 57	7 11
W14	18 15	20 3	0s58	15 7	0 47	9 45	1 33	20 10	1 59	18 41	0 30	13 36	2 33	20 1	0 9	20 7	1 31	10 39	11 5	21 23	21 11	21 13	14 57	7 12
T 15	18 30	17 47	1 59	15 42	0 40	10 12	1 32	20 7	2 1	18 40	0 31	13 35	2 33	20 2	0 9	20 7	1 31	10 39	11 5	21 23	21 11	21 13	14 56	7 12
F 16	18 46	14 45	2 55	16 16	0 33	10 39	1 32	20 5	2 3	18 40	0 31	13 34	2 33	20 3	0 9	20 8	1 31	10 39	11 5	21 23	21 12	21 12	14 56	7 13
S 17	19 1	11 2	3 44	16 50	0 26	11 6	1 30	20 2	2 5	18 40	0 31	13 32	2 33	20 4	0 9	20 8	1 31	10 39	11 5	21 23	21 12	21 12	14 55	7 14
S 18	19 15	6 45	4 24	17 22	0 19	11 32	1 29	19 59	2 7	18 40	0 31	13 31	2 33	20 4	0 9	20 8	1 31	10 38	11 5	21 24	21 13	21 12	14 55	7 14
M19	19 29	2 4	4 52	17 54	0 12	11 58	1 28	19 57	2 9	18 40	0 31	13 30	2 33	20 5	0 9	20 9	1 31	10 38	11 5	21 25	21 14	21 11	14 55	7 15
T 20	19 43	2n51	5 5	18 25	0 6	12 24	1 27	19 55	2 12	18 40	0 32	13 28	2 33	20 6	0 9	20 9	1 31	10 38	11 5	21 26	21 14	21 11	14 54	7 16
W21	19 57	7 48	5 2	18 56	0s 1	12 50	1 26	19 53	2 14	18 40	0 32	13 27	2 33	20 7	0 9	20 10	1 31	10 38	11 5	21 28	21 15	21 11	14 54	7 16
T 22	20 10	12 29	4 40	19 25	0 8	13 15	1 24	19 50	2 16	18 40	0 32	13 26	2 33	20 8	0 9	20 10	1 31	10 38	11 5	21 29	21 15	21 10	14 53	7 17
F 23	20 23	16 35	4 0	19 54	0 15	13 40	1 23	19 49	2 18	18 40	0 32	13 25	2 32	20 8	0 9	20 10	1 31	10 37	11 5	21 31	21 16	21 10	14 53	7 17
S 24	20 35	19 42	3 4	20 21	0 21	14 4	1 21	19 47	2 20	18 40	0 32	13 23	2 32	20 9	0 9	20 11	1 31	10 37	11 5	21 32	21 16	21 9	14 53	7 18
S 25	20 47	21 33	1 56	20 48	0 28	14 29	1 20	19 45	2 23	18 40	0 33	13 22	2 32	20 10	0 9	20 11	1 31	10 37	11 5	21 32	21 17	21 9	14 53	7 19
M26	20 58	21 55	0 39	21 13	0 34	14 53	1 18	19 44	2 25	18 40	0 33	13 21	2 32	20 11	0 9	20 11	1 31	10 37	11 5	21 33	21 17	21 9	14 52	7 19
T 27	21 10	20 48	0n40	21 38	0 41	15 16	1 17	19 43	2 27	18 41	0 33	13 20	2 32	20 11	0 9	20 12	1 31	10 37	11 5	21 33	21 18	21 8	14 52	7 20
W28	21 21	18 20	1 55	22 1	0 47	15 39	1 15	19 42	2 30	18 41	0 33	13 19	2 32	20 12	0 9	20 12	1 31	10 37	11 5	21 33	21 19	21 8	14 52	7 20
T 29	21 31	14 47	3 2	22 23	0 53	16 2	1 13	19 41	2 32	18 41	0 34	13 18	2 31	20 13	0 9	20 13	1 31	10 37	11 5	21 32	21 19	21 8	14 52	7 21
F 30	21s41	10n30	3n57	22s45	0s59	16s25	1n12	19n40	2n34	18n42	0n34	13n17	2s31	20s14	0n 9	20s13	1n30	10n36	11s 5	21n32	21n20	21s 7	14n51	7s21

Julian Day Number = 2322553.5, Delta T = 49.59 sec
Ecliptic obliquity = 23°29'03, Nutation = - 0°00'17
Ayanamsha: Fagan/Bradley = 19°48'40, Lahiri = 18°55'40Greg. Calendar

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DECEMBER 1646 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
S 1	4 39 36	9♐ 0'25	26♍12	10♐ 9	20♏27	12♌15	8°R33	12°R38	0♐57	8♐10	7°R 8	22°R51	24♋ 4	26♑27	18°R53
S 2	4 43 32	10° 1'22	9♎36	11°43	21°43	12°25	8♌32	12♉34	1° 0	8°12	7♊ 7	22♋48	24° 1	26°33	18♋50
M 3	4 47 29	11° 2'21	22°46	13°17	22°58	12°33	8°30	12°30	1° 4	8°14	7° 5	22°42	23°57	26°40	18°47
T 4	4 51 25	12° 3'21	5♏42	14°52	24°13	12°41	8°29	12°26	1° 8	8°17	7° 4	22°35	23°54	26°47	18°44
W 5	4 55 22	13° 4'21	18°26	16°26	25°28	12°48	8°27	12°22	1°11	8°19	7° 3	22°28	23°51	26°53	18°41
T 6	4 59 18	14° 5'23	0♐58	18° 0	26°44	12°55	8°25	12°19	1°15	8°21	7° 2	22°21	23°48	27° 0	18°38
F 7	5 3 15	15° 6'26	13°19	19°35	27°59	13° 0	8°22	12°15	1°19	8°23	7° 1	22°14	23°45	27° 7	18°35
S 8	5 7 12	16° 7'29	25°28	21° 9	29°14	13° 5	8°20	12°11	1°22	8°26	7° 0	22° 9	23°42	27°13	18°32
S 9	5 11 8	17° 8'33	7♑28	22°44	0♐30	13°10	8°17	12° 8	1°26	8°28	6°59	22° 6	23°38	27°20	18°28
M10	5 15 5	18° 9'38	19°21	24°19	1°45	13°13	8°14	12° 4	1°29	8°30	6°57	22°D 5	23°35	27°27	18°25
T 11	5 19 1	19°10'44	1♒ 8	25°54	3° 0	13°16	8°11	12° 1	1°33	8°32	6°56	22° 5	23°32	27°33	18°21
W12	5 22 58	20°11'50	12°54	27°29	4°16	13°18	8° 8	11°58	1°37	8°35	6°55	22° 7	23°29	27°40	18°18
T 13	5 26 54	21°12'56	24°43	29° 4	5°31	13°20	8° 4	11°54	1°40	8°37	6°54	22° 9	23°26	27°47	18°14
F 14	5 30 51	22°14'02	6♓38	0♑39	6°47	13°R20	8° 1	11°51	1°44	8°39	6°53	22°11	23°22	27°53	18°11
S 15	5 34 47	23°15'09	18°46	2°14	8° 2	13°20	7°57	11°48	1°47	8°41	6°52	22°R11	23°19	28° 0	18° 7
S 16	5 38 44	24°16'16	1♈10	3°49	9°17	13°19	7°53	11°45	1°51	8°44	6°51	22°11	23°16	28° 6	18° 3
M17	5 42 41	25°17'23	13°57	5°25	10°33	13°17	7°49	11°43	1°54	8°46	6°50	22°10	23°13	28°13	18° 0
T 18	5 46 37	26°18'31	27° 8	7° 0	11°48	13°15	7°44	11°40	1°58	8°48	6°49	22° 7	23°10	28°20	17°56
W19	5 50 34	27°19'38	10♉48	8°35	13° 3	13°11	7°40	11°37	2° 1	8°50	6°48	22° 4	23° 7	28°26	17°52
T 20	5 54 30	28°20'46	24°55	10°11	14°19	13° 7	7°35	11°35	2° 4	8°52	6°46	22° 0	23° 3	28°33	17°48
F 21	5 58 27	29°21'54	9♊27	11°46	15°34	13° 2	7°30	11°32	2° 8	8°54	6°45	21°57	23° 0	28°40	17°44
S 22	6 2 23	0♑23'02	24°18	13°21	16°50	12°56	7°25	11°30	2°11	8°57	6°44	21°54	22°57	28°46	17°40
S 23	6 6 20	1°24'11	9♋22	14°56	18° 5	12°49	7°20	11°27	2°15	8°59	6°43	21°53	22°54	28°53	17°36
M24	6 10 17	2°25'19	24°28	16°30	19°20	12°42	7°15	11°25	2°18	9° 1	6°42	21°D53	22°51	29° 0	17°32
T 25	6 14 13	3°26'28	9♌27	18° 4	20°36	12°34	7° 9	11°23	2°21	9° 3	6°41	21°53	22°48	29° 6	17°28
W26	6 18 10	4°27'37	24°13	19°37	21°51	12°24	7° 4	11°21	2°25	9° 5	6°40	21°54	22°44	29°13	17°24
T 27	6 22 6	5°28'47	8♍40	21°10	23° 7	12°14	6°58	11°19	2°28	9° 7	6°39	21°56	22°41	29°20	17°19
F 28	6 26 3	6°29'56	22°44	22°41	24°22	12° 4	6°52	11°18	2°31	9° 9	6°38	21°57	22°38	29°26	17°15
S 29	6 29 59	7°31'06	6♎26	24°11	25°37	11°52	6°46	11°16	2°34	9°11	6°37	21°R57	22°35	29°33	17°11
S 30	6 33 56	8°32'17	19°46	25°40	26°53	11°40	6°40	11°14	2°37	9°13	6°36	21°57	22°32	29°39	17° 7
M31	6 37 52	9♑33'27	2♏45	27♑ 6	28♐ 8	11♌26	6♌33	11♉13	2♐41	9♐15	6♊35	21♋56	22♋28	29♑46	17♋ 3

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	21s50	5n45	4n37	23s 5	1s 5	16s46	1n10	19n40	2n37	18n42	0n34	13n16	2s31	20s15	0n 9	20s13	1n30	10n36	11s 5	21n33	21n20	21s 7	14n51	7s22
S 2	22 0	0 49	5 2	23 24	1 10	17 8	1 8	19 39	2 39	18 43	0 34	13 15	2 31	20 15	0 9	20 14	1 30	10 36	11 5	21 33	21 21	21 6	14 51	7 22
M 3	22 8	4s 4	5 10	23 41	1 16	17 29	1 6	19 39	2 41	18 43	0 34	13 13	2 31	20 16	0 9	20 14	1 30	10 36	11 5	21 34	21 21	21 6	14 51	7 23
T 4	22 17	8 42	5 2	23 58	1 21	17 50	1 4	19 39	2 44	18 44	0 35	13 12	2 31	20 17	0 9	20 14	1 30	10 36	11 5	21 35	21 22	21 6	14 51	7 24
W 5	22 25	12 53	4 39	24 13	1 26	18 10	1 2	19 40	2 46	18 45	0 35	13 12	2 30	20 18	0 9	20 15	1 30	10 36	11 5	21 36	21 22	21 5	14 51	7 24
T 6	22 32	16 26	4 3	24 27	1 31	18 29	1 0	19 40	2 49	18 46	0 35	13 11	2 30	20 18	0 9	20 15	1 30	10 36	11 5	21 38	21 23	21 5	14 51	7 24
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S 8	22 46	21 4	2 20	24 51	1 40	19 7	0 56	19 42	2 54	18 47	0 35	13 9	2 30	20 20	0 9	20 16	1 30	10 35	11 4	21 39	21 24	21 4	14 51	7 25
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M10	22 57	21 50	0 15	25 10	1 48	19 43	0 52	19 44	2 59	18 49	0 36	13 7	2 29	20 21	0 9	20 16	1 30	10 35	11 4	21 40	21 25	21 3	14 51	7 26
T 11	23 3	20 45	0s49	25 17	1 52	19 59	0 49	19 46	3 2	18 50	0 36	13 6	2 29	20 22	0 9	20 17	1 30	10 35	11 4	21 40	21 26	21 3	14 51	7 27
W12	23 7	18 45	1 52	25 23	1 56	20 16	0 47	19 48	3 4	18 51	0 36	13 5	2 29	20 23	0 9	20 17	1 30	10 35	11 4	21 40	21 26	21 2	14 51	7 27
T 13	23 12	15 58	2 50	25 28	1 59	20 32	0 45	19 50	3 7	18 52	0 37	13 5	2 29	20 23	0 9	20 17	1 30	10 35	11 4	21 40	21 27	21 2	14 51	7 28
F 14	23 15	12 30	3 41	25 31	2 2	20 47	0 43	19 52	3 9	18 53	0 37	13 4	2 28	20 24	0 9	20 18	1 30	10 35	11 4	21 39	21 27	21 1	14 51	7 28
S 15	23 19	8 29	4 23	25 32	2 4	21 2	0 40	19 55	3 12	18 55	0 37	13 3	2 28	20 25	0 9	20 18	1 31	10 35	11 4	21 39	21 28	21 1	14 51	7 28
S 16	23 22	4 2	4 54	25 32	2 6	21 16	0 38	19 57	3 14	18 56	0 37	13 3	2 28	20 26	0 9	20 18	1 31	10 35	11 4	21 39	21 28	21 0	14 51	7 29
M17	23 24	0n43	5 12	25 31	2 8	21 29	0 36	20 0	3 17	18 57	0 37	13 2	2 28	20 26	0 9	20 19	1 31	10 35	11 4	21 39	21 29	21 0	14 51	7 29
T 18	23 26	5 36	5 14	25 27	2 10	21 42	0 33	20 4	3 20	18 58	0 38	13 1	2 27	20 27	0 9	20 19	1 31	10 35	11 3	21 40	21 30	20 59	14 51	7 30
W19	23 27	10 22	4 58	25 23	2 11	21 54	0 31	20 7	3 22	19 0	0 38	13 1	2 27	20 28	0 9	20 19	1 31	10 35	11 3	21 40	21 30	20 59	14 51	7 30
T 20	23 28	14 45	4 25	25 17	2 11	22 5	0 28	20 11	3 25	19 1	0 38	13 0	2 27	20 28	0 9	20 20	1 31	10 35	11 3	21 41	21 31	20 58	14 51	7 30
F 21	23 29	18 24	3 33	25 9	2 12	22 16	0 26	20 15	3 27	19 3	0 38	13 0	2 27	20 29	0 9	20 20	1 31	10 35	11 3	21 41	21 31	20 58	14 52	7 30
S 22	23 29	20 55	2 27	24 59	2 11	22 26	0 24	20 19	3 30	19 4	0 38	12 59	2 26	20 30	0 9	20 20	1 31	10 35	11 3	21 42	21 32	20 57	14 52	7 31
S 23	23 29	22 1	1 9	24 48	2 10	22 36	0 21	20 23	3 33	19 6	0 39	12 59	2 26	20 30	0 9	20 21	1 31	10 35	11 3	21 42	21 32	20 57	14 52	7 31
M24	23 28	21 30	0n14	24 36	2 9	22 45	0 19	20 28	3 35	19 7	0 39	12 58	2 26	20 31	0 9	20 21	1 31	10 35	11 3	21 42	21 33	20 56	14 52	7 31
T 25	23 26	19 28	1 36	24 22	2 7	22 53	0 16	20 33	3 38	19 9	0 39	12 58	2 26	20 32	0 9	20 21	1 31	10 35	11 3	21 42	21 33	20 56	14 53	7 32
W26	23 25	16 8	2 50	24 6	2 5	23 0	0 14	20 38	3 40	19 10	0 39	12 58	2 25	20 32	0 9	20 22	1 31	10 35	11 2	21 42	21 34	20 55	14 53	7 32
T 27	23 22	11 54	3 51	23 49	2 1	23 7	0 11	20 43	3 43	19 12	0 39	12 57	2 25	20 33	0 9	20 22	1 31	10 35	11 2	21 42	21 34	20 55	14 53	7 32
F 28	23 19	7 7	4 37	23 30	1 58	23 13	0 9	20 49	3 45	19 14	0 40	12 57	2 25	20 34	0 9	20 22	1 31	10 35	11 2	21 42	21 35	20 54	14 53	7 32
S 29	23 16	2 7	5 6	23 10	1 53	23 18	0 6	20 54	3 48	19 16	0 40	12 57	2 24	20 34	0 9	20 23	1 31	10 35	11 2	21 41	21 35	20 54	14 54	7 32
S 30	23 12	2s51	5 17	22 49	1 48	23 23	0 4	21 0	3 50	19 17	0 40	12 57	2 24	20 35	0 9	20 23	1 31	10 35	11 2	21 42	21 36	20 53	14 54	7 33
M31	23s 8	7s34	5n11	22s26	1s42	23s27	0n 1	21n 6	3n52	19n19	0n40	12n57	2s24	20s36	0n 9	20s23	1n31	10n35	11s 2	21n42	21n36	20s53	14n54	7s33

Julian Day Number = 2322583.5, Delta T = 49.43 sec
Ecliptic obliquity = 23°29'03, Nutation = - 0°00'17
Ayanamsha: Fagan/Bradley = 19°48'44, Lahiri = 18°55'44Greg. Calendar

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