SWISS EPHEMERIS for the year 1690

JANUARY 1690 GC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
S 1	6 44 8	11♑ 8'58	24♍50	24♐38	14♐57	1♉17	0♓52	16♏20	23°R27	10♓50	25°R40	0°R11	0♈44	9♐34	29°R37
M 2	6 48 5	12°10'08	7♎28	26° 7	16°12	1°40	1° 4	16°25	23♉26	10°51	25♋39	0♈11	0°41	9°41	29♉35
T 3	6 52 1	13°11'18	19°46	27°35	17°27	2° 3	1°16	16°30	23°24	10°53	25°37	0°11	0°37	9°48	29°33
W 4	6 55 58	14°12'28	1♏50	29° 5	18°42	2°26	1°28	16°35	23°23	10°54	25°36	0°10	0°34	9°54	29°31
T 5	6 59 54	15°13'38	13°44	0♑34	19°56	2°50	1°40	16°40	23°22	10°56	25°35	0° 6	0°31	10° 1	29°28
F 6	7 3 51	16°14'48	25°34	2° 5	21°11	3°14	1°52	16°45	23°20	10°57	25°33	29♓59	0°28	10° 8	29°26
S 7	7 7 48	17°15'57	7♐24	3°36	22°26	3°38	2° 5	16°49	23°19	10°59	25°32	29°51	0°25	10°14	29°24
S 8	7 11 44	18°17'07	19°16	5° 7	23°41	4° 2	2°17	16°54	23°18	11° 0	25°31	29°39	0°21	10°21	29°22
M 9	7 15 41	19°18'17	1♑14	6°39	24°56	4°27	2°30	16°59	23°17	11° 2	25°29	29°26	0°18	10°28	29°20
T 10	7 19 37	20°19'26	13°18	8°11	26°11	4°52	2°42	17° 3	23°16	11° 3	25°28	29°12	0°15	10°35	29°19
W11	7 23 34	21°20'34	25°31	9°44	27°25	5°18	2°55	17° 7	23°15	11° 5	25°27	28°59	0°12	10°41	29°17
T 12	7 27 30	22°21'43	7♒52	11°17	28°40	5°44	3° 7	17°12	23°14	11° 6	25°25	28°47	0° 9	10°48	29°15
F 13	7 31 27	23°22'50	20°22	12°51	29°55	6°10	3°20	17°16	23°13	11° 8	25°24	28°39	0° 6	10°55	29°13
S 14	7 35 23	24°23'57	3♓ 2	14°25	1♑10	6°36	3°33	17°20	23°12	11°10	25°23	28°33	0° 2	11° 1	29°12
S 15	7 39 20	25°25'03	15°53	16° 0	2°25	7° 2	3°46	17°24	23°11	11°12	25°21	28°30	29♓59	11° 8	29°10
M16	7 43 17	26°26'08	28°57	17°36	3°40	7°29	3°59	17°28	23°10	11°13	25°20	28°D29	29°56	11°15	29° 9
T 17	7 47 13	27°27'12	12♈16	19°12	4°55	7°56	4°12	17°32	23°10	11°15	25°19	28°30	29°53	11°22	29° 8
W18	7 51 10	28°28'14	25°52	20°49	6°10	8°23	4°25	17°36	23° 9	11°17	25°17	28°R30	29°50	11°28	29° 6
T 19	7 55 6	29°29'16	9♉46	22°26	7°25	8°51	4°38	17°40	23° 8	11°19	25°16	28°30	29°47	11°35	29° 5
F 20	7 59 3	0♒30'17	24° 0	24° 4	8°39	9°19	4°51	17°43	23° 8	11°20	25°15	28°27	29°43	11°42	29° 4
S 21	8 2 59	1°31'17	8♊31	25°42	9°54	9°47	5° 4	17°47	23° 7	11°22	25°13	28°23	29°40	11°48	29° 3
S 22	8 6 56	2°32'16	23°15	27°21	11° 9	10°15	5°18	17°50	23° 7	11°24	25°12	28°16	29°37	11°55	29° 2
M23	8 10 53	3°33'14	8♋ 6	29° 1	12°24	10°43	5°31	17°54	23° 7	11°26	25°11	28° 7	29°34	12° 2	29° 1
T 24	8 14 49	4°34'10	22°57	0♒41	13°39	11°12	5°45	17°57	23° 6	11°28	25° 9	27°58	29°31	12° 9	29° 0
W25	8 18 46	5°35'06	7♌38	2°22	14°54	11°41	5°58	18° 0	23° 6	11°30	25° 8	27°50	29°27	12°15	28°59
T 26	8 22 42	6°36'00	22° 1	4° 4	16° 9	12° 9	6°12	18° 3	23° 6	11°32	25° 7	27°43	29°24	12°22	28°58
F 27	8 26 39	7°36'53	6♍ 1	5°46	17°24	12°39	6°25	18° 6	23° 5	11°34	25° 6	27°39	29°21	12°29	28°58
S 28	8 30 35	8°37'46	19°35	7°30	18°39	13° 8	6°39	18° 9	23° 5	11°36	25° 4	27°37	29°18	12°35	28°57
S 29	8 34 32	9°38'37	2♎43	9°13	19°54	13°37	6°53	18°12	23° 5	11°38	25° 3	27°D36	29°15	12°42	28°57
M30	8 38 28	10°39'28	15°27	10°58	21° 8	14° 7	7° 6	18°15	23°D 5	11°40	25° 2	27°38	29°12	12°49	28°56
T 31	8 42 25	11♒40'18	27♎51	12♒43	22♑23	14♉37	7♓20	18♏17	23♉ 5	11♓42	25♋ 0	27♓39	29♓ 8	12♐56	28♉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
S 1	23s 1	2n30	0n28	23s28	0s 5	21s39	0n59	13n 2	1n10	12s10	1s 3	14s37	2n13	18n27	0s14	8s26	1s 0	23n53	2n53	0n 5	0n17	26s40	15n52	4s20
M 2	22 55	3s33	0s38	23 38	0 13	21 50	0 57	13 11	1 11	12 5	1 3	14 39	2 13	18 26	0 14	8 26	1 0	23 53	2 53	0 5	0 16	26 41	15 52	4 20
T 3	22 50	9 19	1 42	23 47	0 20	21 59	0 54	13 20	1 12	12 1	1 3	14 40	2 14	18 26	0 14	8 25	1 0	23 54	2 53	0 4	0 15	26 43	15 51	4 20
W 4	22 43	14 37	2 39	23 56	0 27	22 9	0 52	13 29	1 13	11 57	1 3	14 41	2 14	18 26	0 14	8 24	0 59	23 54	2 54	0 4	0 14	26 44	15 51	4 20
T 5	22 37	19 18	3 29	24 3	0 34	22 17	0 49	13 37	1 13	11 52	1 2	14 42	2 14	18 25	0 14	8 24	0 59	23 54	2 54	0 3	0 12	26 46	15 51	4 20
F 6	22 30	23 13	4 9	24 8	0 40	22 25	0 46	13 46	1 14	11 48	1 2	14 44	2 14	18 25	0 14	8 23	0 59	23 55	2 54	0s 0	0 11	26 47	15 50	4 20
S 7	22 22	26 10	4 38	24 13	0 47	22 32	0 44	13 56	1 15	11 43	1 2	14 45	2 14	18 25	0 14	8 23	0 59	23 55	2 54	0 4	0 10	26 48	15 50	4 19
S 8	22 14	27 58	4 56	24 16	0 53	22 39	0 41	14 5	1 16	11 39	1 2	14 46	2 14	18 25	0 14	8 22	0 59	23 55	2 54	0 8	0 9	26 49	15 50	4 19
M 9	22 5	28 29	5 1	24 18	0 59	22 44	0 39	14 14	1 17	11 34	1 2	14 47	2 15	18 24	0 14	8 22	0 59	23 56	2 54	0 14	0 7	26 51	15 50	4 19
T 10	21 56	27 39	4 52	24 19	1 5	22 50	0 36	14 23	1 17	11 30	1 2	14 48	2 15	18 24	0 14	8 21	0 59	23 56	2 54	0 19	0 6	26 52	15 49	4 19
W11	21 47	25 30	4 30	24 18	1 11	22 54	0 33	14 32	1 18	11 25	1 2	14 49	2 15	18 24	0 14	8 20	0 59	23 56	2 54	0 24	0 5	26 53	15 49	4 19
T 12	21 37	22 7	3 55	24 16	1 16	22 58	0 31	14 41	1 19	11 20	1 2	14 50	2 15	18 24	0 14	8 20	0 59	23 57	2 54	0 29	0 3	26 55	15 49	4 19
F 13	21 27	17 42	3 8	24 13	1 21	23 1	0 28	14 51	1 19	11 16	1 2	14 51	2 15	18 23	0 14	8 19	0 59	23 57	2 54	0 32	0 2	26 56	15 49	4 19
S 14	21 17	12 27	2 11	24 8	1 26	23 3	0 25	15 0	1 20	11 11	1 2	14 52	2 15	18 23	0 14	8 18	0 59	23 57	2 54	0 35	0 1	26 57	15 49	4 18
S 15	21 6	6 36	1 7	24 2	1 31	23 5	0 23	15 9	1 21	11 6	1 2	14 53	2 16	18 23	0 14	8 18	0 59	23 58	2 54	0 36	0s 0	26 58	15 48	4 18
M16	20 54	0 23	0n 3	23 54	1 36	23 6	0 20	15 19	1 21	11 2	1 2	14 54	2 16	18 23	0 14	8 17	0 59	23 58	2 54	0 36	0 2	27 0	15 48	4 18
T 17	20 42	5n59	1 13	23 45	1 40	23 6	0 17	15 28	1 22	10 57	1 2	14 55	2 16	18 23	0 14	8 16	0 59	23 58	2 55	0 36	0 3	27 1	15 48	4 18
W18	20 30	12 12	2 21	23 34	1 44	23 6	0 15	15 38	1 22	10 52	1 2	14 56	2 16	18 23	0 14	8 16	0 59	23 59	2 55	0 36	0 4	27 2	15 48	4 18
T 19	20 18	17 57	3 22	23 22	1 47	23 5	0 12	15 47	1 23	10 47	1 2	14 57	2 16	18 22	0 13	8 15	0 59	23 59	2 55	0 36	0 5	27 3	15 48	4 18
F 20	20 5	22 52	4 12	23 9	1 50	23 3	0 9	15 56	1 24	10 42	1 2	14 58	2 16	18 22	0 13	8 14	0 59	23 59	2 55	0 37	0 7	27 5	15 48	4 17
S 21	19 51	26 29	4 47	22 54	1 53	23 0	0 7	16 6	1 24	10 37	1 1	14 59	2 17	18 22	0 13	8 14	0 59	24 0	2 55	0 39	0 8	27 6	15 48	4 17
S 22	19 38	28 22	5 4	22 37	1 56	22 57	0 4	16 15	1 25	10 32	1 1	14 59	2 17	18 22	0 13	8 13	0 59	24 0	2 55	0 42	0 9	27 7	15 48	4 17
M23	19 24	28 14	5 0	22 19	1 58	22 53	0 1	16 25	1 25	10 27	1 1	15 0	2 17	18 22	0 13	8 12	0 59	24 0	2 55	0 45	0 10	27 8	15 48	4 17
T 24	19 9	26 4	4 37	22 0	2 0	22 48	0s 1	16 34	1 26	10 22	1 1	15 1	2 17	18 22	0 13	8 11	0 59	24 0	2 55	0 49	0 12	27 9	15 48	4 17
W25	18 54	22 11	3 55	21 39	2 2	22 43	0 4	16 44	1 26	10 17	1 1	15 1	2 17	18 22	0 13	8 11	0 59	24 1	2 55	0 52	0 13	27 11	15 48	4 16
T 26	18 39	17 1	2 59	21 16	2 3	22 37	0 7	16 53	1 26	10 12	1 1	15 2	2 18	18 22	0 13	8 10	0 59	24 1	2 55	0 54	0 14	27 12	15 48	4 16
F 27	18 24	11 5	1 53	20 52	2 4	22 30	0 9	17 2	1 27	10 7	1 1	15 3	2 18	18 22	0 13	8 9	0 59	24 1	2 55	0 56	0 15	27 13	15 48	4 16
S 28	18 8	4 47	0 43	20 26	2 4	22 23	0 12	17 12	1 27	10 2	1 1	15 3	2 18	18 22	0 13	8 8	0 59	24 2	2 55	0 57	0 17	27 14	15 48	4 16
S 29	17 52	1s30	0s28	19 59	2 5	22 14	0 14	17 21	1 28	9 57	1 1	15 4	2 18	18 22	0 13	8 8	0 59	24 2	2 55	0 57	0 18	27 15	15 48	4 16
M30	17 36	7 33	1 35	19 30	2 4	22 6	0 17	17 30	1 28	9 52	1 1	15 5	2 18	18 22	0 13	8 7	0 59	24 2	2 55	0 57	0 19	27 16	15 48	4 15
T 31	17s19	13s 9	2s36	18s59	2s 3	21s56	0s19	17n39	1n28	9s47	1s 1	15s 5	2n19	18n22	0s13	8s 6	0s59	24n 3	2n55	0s56	0s21	27s17	15n48	4s15

Julian Day Number = 2338320.5, Delta T = 8.72 sec
Ecliptic obliquity = 23°28'55, Nutation = 0°00'00
Ayanamsha: Fagan/Bradley = 20°24'47, Lahiri = 19°31'47Greg. Calendar

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FEBRUARY 1690 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
W 1	8 46 21	12♒41'06	9♏59	14♒29	23♑38	15♉ 7	7♓34	18♏20	23♉ 5	11♓44	24°R59	27°R40	29♓ 5	13♐ 2	28°R55
T 2	8 50 18	13°41'54	21°56	16°16	24°53	15°37	7°48	18°22	23° 5	11°46	24♋58	27♓39	29° 2	13° 9	28♉55
F 3	8 54 15	14°42'41	3♐48	18° 3	26° 8	16° 7	8° 2	18°25	23° 6	11°48	24°57	27°37	28°59	13°16	28°55
S 4	8 58 11	15°43'27	15°39	19°51	27°23	16°38	8°16	18°27	23° 6	11°50	24°55	27°33	28°56	13°23	28°D55
S 5	9 2 8	16°44'12	27°33	21°40	28°38	17° 8	8°30	18°29	23° 6	11°52	24°54	27°27	28°53	13°29	28°55
M 6	9 6 4	17°44'56	9♑35	23°29	29°53	17°39	8°44	18°31	23° 6	11°54	24°53	27°20	28°49	13°36	28°55
T 7	9 10 1	18°45'38	21°46	25°18	1♒ 8	18°10	8°58	18°33	23° 7	11°56	24°52	27°13	28°46	13°43	28°55
W 8	9 13 57	19°46'19	4♒ 9	27° 8	2°23	18°41	9°12	18°35	23° 7	11°58	24°50	27° 6	28°43	13°49	28°55
T 9	9 17 54	20°46'59	16°45	28°58	3°38	19°12	9°26	18°37	23° 8	12° 1	24°49	27° 0	28°40	13°56	28°56
F 10	9 21 51	21°47'37	29°33	0♓48	4°53	19°44	9°40	18°38	23° 8	12° 3	24°48	26°55	28°37	14° 3	28°56
S 11	9 25 47	22°48'14	12♓35	2°38	6° 7	20°15	9°54	18°40	23° 9	12° 5	24°47	26°52	28°33	14°10	28°57
S 12	9 29 44	23°48'49	25°48	4°28	7°22	20°47	10° 9	18°41	23° 9	12° 7	24°46	26°D51	28°30	14°16	28°57
M13	9 33 40	24°49'22	9♈12	6°17	8°37	21°18	10°23	18°43	23°10	12° 9	24°45	26°52	28°27	14°23	28°58
T 14	9 37 37	25°49'54	22°48	8° 5	9°52	21°50	10°37	18°44	23°11	12°11	24°44	26°53	28°24	14°30	28°58
W15	9 41 33	26°50'24	6♉35	9°52	11° 7	22°22	10°52	18°45	23°12	12°14	24°42	26°55	28°21	14°36	28°59
T 16	9 45 30	27°50'52	20°33	11°38	12°22	22°54	11° 6	18°46	23°13	12°16	24°41	26°56	28°18	14°43	29° 0
F 17	9 49 26	28°51'18	4♊40	13°22	13°37	23°26	11°20	18°47	23°14	12°18	24°40	26°R56	28°14	14°50	29° 1
S 18	9 53 23	29°51'42	18°55	15° 3	14°51	23°59	11°35	18°48	23°14	12°20	24°39	26°55	28°11	14°57	29° 2
S 19	9 57 20	0♓52'04	3♋16	16°41	16° 6	24°31	11°49	18°49	23°15	12°23	24°38	26°52	28° 8	15° 3	29° 3
M20	10 1 16	1°52'24	17°40	18°16	17°21	25° 4	12° 3	18°49	23°17	12°25	24°37	26°49	28° 5	15°10	29° 4
T 21	10 5 13	2°52'43	2♌ 0	19°47	18°36	25°36	12°18	18°50	23°18	12°27	24°36	26°45	28° 2	15°17	29° 5
W22	10 9 9	3°52'59	16°13	21°13	19°51	26° 9	12°32	18°50	23°19	12°29	24°35	26°42	27°59	15°23	29° 6
T 23	10 13 6	4°53'13	0♍14	22°34	21° 6	26°42	12°47	18°51	23°20	12°32	24°34	26°39	27°55	15°30	29° 8
F 24	10 17 2	5°53'26	13°58	23°50	22°20	27°15	13° 1	18°51	23°21	12°34	24°33	26°38	27°52	15°37	29° 9
S 25	10 20 59	6°53'37	27°22	24°58	23°35	27°48	13°16	18°51	23°23	12°36	24°32	26°D37	27°49	15°44	29°11
S 26	10 24 55	7°53'46	10♎25	26° 0	24°50	28°21	13°30	18°R51	23°24	12°38	24°31	26°38	27°46	15°50	29°12
M27	10 28 52	8°53'53	23° 9	26°54	26° 5	28°54	13°45	18°51	23°25	12°41	24°30	26°39	27°43	15°57	29°14
T 28	10 32 48	9♓53'59	5♏35	27♓40	27♒19	29♉27	13♓59	18♏51	23♉27	12♓43	24♋29	26♓41	27♓39	16♐ 4	29♉15

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	17s 2	18s 8	3s29	18s27	2s 2	21s46	0s22	17n49	1n29	9s41	1s 1	15s 6	2n19	18n22	0s13	8s 5	0s59	24n 3	2n55	0s56	0s22	27s19	15n48	4s15
T 2	16 45	22 19	4 11	17 54	2 0	21 35	0 24	17 58	1 29	9 36	1 1	15 6	2 19	18 22	0 13	8 4	0 59	24 3	2 55	0 56	0 23	27 20	15 48	4 15
F 3	16 27	25 35	4 43	17 19	1 58	21 24	0 27	18 7	1 29	9 31	1 1	15 6	2 19	18 22	0 13	8 4	0 59	24 3	2 55	0 57	0 24	27 21	15 49	4 15
S 4	16 9	27 43	5 2	16 42	1 55	21 12	0 29	18 16	1 30	9 26	1 1	15 7	2 19	18 22	0 13	8 3	0 59	24 4	2 56	0 58	0 26	27 22	15 49	4 14
S 5	15 51	28 37	5 9	16 4	1 51	20 59	0 31	18 25	1 30	9 20	1 1	15 7	2 20	18 22	0 13	8 2	0 59	24 4	2 56	1 1	0 27	27 23	15 49	4 14
M 6	15 32	28 9	5 2	15 24	1 47	20 46	0 34	18 34	1 30	9 15	1 1	15 8	2 20	18 22	0 13	8 1	0 59	24 4	2 56	1 4	0 28	27 24	15 49	4 14
T 7	15 14	26 21	4 41	14 43	1 43	20 32	0 36	18 43	1 30	9 10	1 1	15 8	2 20	18 22	0 13	8 0	0 59	24 4	2 56	1 7	0 29	27 25	15 49	4 14
W 8	14 55	23 15	4 7	14 1	1 37	20 17	0 38	18 52	1 31	9 5	1 1	15 8	2 20	18 22	0 13	8 0	0 59	24 5	2 56	1 9	0 31	27 26	15 50	4 14
T 9	14 36	19 2	3 21	13 17	1 32	20 2	0 41	19 1	1 31	8 59	1 1	15 9	2 21	18 23	0 13	7 59	0 59	24 5	2 56	1 12	0 32	27 27	15 50	4 13
F 10	14 16	13 53	2 23	12 32	1 25	19 46	0 43	19 10	1 31	8 54	1 1	15 9	2 21	18 23	0 13	7 58	0 59	24 5	2 56	1 14	0 33	27 28	15 50	4 13
S 11	13 56	8 2	1 17	11 46	1 18	19 30	0 45	19 19	1 31	8 48	1 1	15 9	2 21	18 23	0 13	7 57	0 59	24 5	2 56	1 15	0 34	27 29	15 51	4 13
S 12	13 36	1 46	0 6	10 59	1 10	19 13	0 47	19 27	1 32	8 43	1 1	15 9	2 21	18 23	0 13	7 56	0 59	24 6	2 56	1 15	0 36	27 30	15 51	4 13
M13	13 16	4n41	1n 7	10 11	1 2	18 56	0 49	19 36	1 32	8 38	1 1	15 9	2 21	18 23	0 13	7 55	0 59	24 6	2 56	1 15	0 37	27 31	15 51	4 13
T 14	12 56	11 0	2 17	9 22	0 52	18 38	0 51	19 44	1 32	8 32	1 1	15 10	2 22	18 24	0 13	7 55	0 59	24 6	2 56	1 14	0 38	27 32	15 52	4 12
W15	12 35	16 53	3 20	8 32	0 43	18 19	0 53	19 53	1 32	8 27	1 1	15 10	2 22	18 24	0 13	7 54	0 59	24 6	2 56	1 14	0 40	27 33	15 52	4 12
T 16	12 15	21 58	4 12	7 42	0 32	18 0	0 55	20 1	1 32	8 21	1 1	15 10	2 22	18 24	0 13	7 53	0 59	24 7	2 56	1 13	0 41	27 34	15 52	4 12
F 17	11 54	25 51	4 50	6 52	0 21	17 41	0 57	20 10	1 33	8 16	1 1	15 10	2 22	18 24	0 13	7 52	0 59	24 7	2 56	1 13	0 42	27 35	15 53	4 12
S 18	11 32	28 10	5 10	6 2	0 9	17 20	0 59	20 18	1 33	8 10	1 1	15 10	2 22	18 25	0 13	7 51	0 59	24 7	2 56	1 14	0 43	27 36	15 53	4 12
S 19	11 11	28 38	5 11	5 13	0n 3	17 0	1 0	20 26	1 33	8 5	1 1	15 10	2 23	18 25	0 13	7 50	0 59	24 7	2 56	1 15	0 45	27 37	15 53	4 11
M20	10 50	27 9	4 53	4 24	0 16	16 39	1 2	20 34	1 33	7 59	1 1	15 10	2 23	18 25	0 13	7 49	0 59	24 7	2 56	1 16	0 46	27 38	15 54	4 11
T 21	10 28	23 54	4 16	3 36	0 30	16 17	1 4	20 42	1 33	7 54	1 1	15 10	2 23	18 25	0 13	7 49	0 59	24 8	2 56	1 18	0 47	27 39	15 54	4 11
W22	10 6	19 15	3 24	2 49	0 43	15 55	1 5	20 50	1 33	7 48	1 1	15 10	2 23	18 26	0 13	7 48	0 59	24 8	2 56	1 19	0 48	27 40	15 55	4 11
T 23	9 44	13 36	2 20	2 4	0 57	15 33	1 7	20 58	1 33	7 43	1 1	15 9	2 23	18 26	0 13	7 47	0 59	24 8	2 56	1 20	0 50	27 41	15 55	4 10
F 24	9 22	7 23	1 9	1 21	1 12	15 10	1 9	21 6	1 34	7 37	1 1	15 9	2 24	18 26	0 13	7 46	0 59	24 8	2 56	1 20	0 51	27 42	15 56	4 10
S 25	9 0	0 59	0s 4	0 41	1 26	14 47	1 10	21 13	1 34	7 32	1 1	15 9	2 24	18 27	0 13	7 45	0 59	24 8	2 56	1 21	0 52	27 43	15 56	4 10
S 26	8 37	5s17	1 15	0 3	1 41	14 23	1 11	21 21	1 34	7 26	1 1	15 9	2 24	18 27	0 13	7 44	0 59	24 9	2 56	1 20	0 53	27 44	15 57	4 10
M27	8 15	11 12	2 21	0n32	1 55	13 59	1 13	21 28	1 34	7 21	1 1	15 9	2 24	18 27	0 13	7 43	0 59	24 9	2 56	1 20	0 55	27 45	15 57	4 10
T 28	7s52	16s32	3s19	1n 3	2n 9	13s35	1s14	21n36	1n34	7s15	1s 1	15s 8	2n25	18n28	0s13	7s43	0s59	24n 9	2n56	1s19	0s56	27s46	15n58	4s 9

Julian Day Number = 2338351.5, Delta T = 8.75 sec
Ecliptic obliquity = 23°28'56, Nutation = 0°00'02
Ayanamsha: Fagan/Bradley = 20°24'52, Lahiri = 19°31'51Greg. Calendar

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MARCH 1690 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
W 1	10 36 45	10♓54'03	17♏46	28♓18	28♒34	0♊ 0	14♓14	18°R50	23♉28	12♓45	24°R29	26♓42	27♓36	16♐11	29♉17
T 2	10 40 42	11°54'05	29°46	28°47	29°49	0°34	14°28	18♏50	23°30	12°47	24♋28	26°43	27°33	16°17	29°19
F 3	10 44 38	12°54'06	11♐40	29° 7	1♈ 4	1° 7	14°43	18°50	23°32	12°50	24°27	26°R43	27°30	16°24	29°21
S 4	10 48 35	13°54'05	23°33	29°18	2°18	1°40	14°57	18°49	23°33	12°52	24°26	26°43	27°27	16°31	29°23
S 5	10 52 31	14°54'03	5♑29	29°R20	3°33	2°14	15°12	18°48	23°35	12°54	24°25	26°42	27°24	16°37	29°25
M 6	10 56 28	15°53'59	17°32	29°14	4°48	2°48	15°26	18°48	23°37	12°57	24°25	26°41	27°20	16°44	29°27
T 7	11 0 24	16°53'53	29°47	28°58	6° 3	3°21	15°41	18°47	23°38	12°59	24°24	26°40	27°17	16°51	29°29
W 8	11 4 21	17°53'46	12♒17	28°35	7°17	3°55	15°55	18°46	23°40	13° 1	24°23	26°38	27°14	16°58	29°31
T 9	11 8 17	18°53'36	25° 3	28° 4	8°32	4°29	16°10	18°45	23°42	13° 3	24°22	26°37	27°11	17° 4	29°33
F 10	11 12 14	19°53'25	8♓ 8	27°26	9°47	5° 3	16°25	18°43	23°44	13° 6	24°22	26°37	27° 8	17°11	29°36
S 11	11 16 11	20°53'12	21°30	26°43	11° 1	5°37	16°39	18°42	23°46	13° 8	24°21	26°D36	27° 4	17°18	29°38
S 12	11 20 7	21°52'56	5♈ 8	25°55	12°16	6°11	16°54	18°41	23°48	13°10	24°20	26°36	27° 1	17°24	29°41
M13	11 24 4	22°52'39	19° 0	25° 4	13°31	6°45	17° 8	18°39	23°50	13°12	24°20	26°37	26°58	17°31	29°43
T 14	11 28 0	23°52'20	3♉ 3	24°10	14°45	7°20	17°23	18°38	23°52	13°15	24°19	26°37	26°55	17°38	29°46
W15	11 31 57	24°51'58	17°14	23°15	16° 0	7°54	17°37	18°36	23°54	13°17	24°19	26°37	26°52	17°45	29°48
T 16	11 35 53	25°51'34	1♊28	22°19	17°14	8°28	17°51	18°34	23°56	13°19	24°18	26°37	26°49	17°51	29°51
F 17	11 39 50	26°51'08	15°43	21°25	18°29	9° 3	18° 6	18°32	23°59	13°21	24°18	26°R37	26°45	17°58	29°54
S 18	11 43 46	27°50'39	29°56	20°34	19°44	9°37	18°20	18°30	24° 1	13°24	24°17	26°D37	26°42	18° 5	29°57
S 19	11 47 43	28°50'09	14♋ 5	19°45	20°58	10°11	18°35	18°28	24° 3	13°26	24°17	26°37	26°39	18°11	29°59
M20	11 51 40	29°49'35	28° 7	19° 0	22°13	10°46	18°49	18°26	24° 6	13°28	24°16	26°37	26°36	18°18	0♊ 2
T 21	11 55 36	0♈49'00	12♌ 1	18°19	23°27	11°21	19° 4	18°24	24° 8	13°30	24°16	26°38	26°33	18°25	0° 5
W22	11 59 33	1°48'22	25°45	17°44	24°42	11°55	19°18	18°22	24°10	13°32	24°15	26°38	26°30	18°32	0° 8
T 23	12 3 29	2°47'41	9♍17	17°14	25°56	12°30	19°32	18°19	24°13	13°35	24°15	26°39	26°26	18°38	0°12
F 24	12 7 26	3°46'59	22°36	16°50	27°11	13° 5	19°47	18°17	24°15	13°37	24°15	26°R39	26°23	18°45	0°15
S 25	12 11 22	4°46'14	5♎40	16°31	28°25	13°39	20° 1	18°14	24°18	13°39	24°14	26°39	26°20	18°52	0°18
S 26	12 15 19	5°45'28	18°30	16°18	29°40	14°14	20°15	18°11	24°20	13°41	24°14	26°38	26°17	18°59	0°21
M27	12 19 15	6°44'39	1♏ 5	16°11	0♈54	14°49	20°29	18° 9	24°23	13°43	24°14	26°37	26°14	19° 5	0°25
T 28	12 23 12	7°43'49	13°27	16°D10	2° 9	15°24	20°44	18° 6	24°26	13°45	24°14	26°36	26°10	19°12	0°28
W29	12 27 9	8°42'56	25°37	16°14	3°23	15°59	20°58	18° 3	24°28	13°47	24°13	26°34	26° 7	19°19	0°31
T 30	12 31 5	9°42'02	7♐37	16°23	4°37	16°34	21°12	18° 0	24°31	13°50	24°13	26°32	26° 4	19°25	0°35
F 31	12 35 2	10♈41'06	19♐32	16♓38	5♈52	17♊ 9	21♓26	17♏57	24♉34	13♓52	24♋13	26♓31	26♓ 1	19♐32	0♊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
W 1	7s30	21s 6	4s 6	1n30	2n23	13s10	1s15	21n43	1n34	7s 9	1s 1	15s 8	2n25	18n28	0s13	7s42	0s59	24n 9	2n56	1s19	0s57	27s47	15n58	4s 9
T 2	7 7	24 43	4 42	1 54	2 36	12 45	1 16	21 50	1 34	7 4	1 1	15 8	2 25	18 29	0 13	7 41	0 59	24 9	2 56	1 18	0 59	27 48	15 59	4 9
F 3	6 44	27 16	5 5	2 13	2 48	12 19	1 18	21 57	1 34	6 58	1 1	15 8	2 25	18 29	0 13	7 40	0 59	24 9	2 56	1 18	1 0	27 49	16 0	4 9
S 4	6 21	28 35	5 16	2 27	2 59	11 54	1 19	22 4	1 34	6 53	1 1	15 7	2 25	18 29	0 13	7 39	0 59	24 10	2 56	1 18	1 1	27 49	16 0	4 9
S 5	5 57	28 34	5 12	2 37	3 9	11 27	1 20	22 11	1 34	6 47	1 1	15 7	2 26	18 30	0 13	7 38	0 59	24 10	2 56	1 19	1 2	27 50	16 1	4 9
M 6	5 34	27 13	4 55	2 43	3 18	11 1	1 21	22 18	1 34	6 41	1 1	15 6	2 26	18 30	0 13	7 37	0 59	24 10	2 56	1 19	1 4	27 51	16 1	4 8
T 7	5 11	24 33	4 25	2 43	3 25	10 34	1 21	22 24	1 34	6 36	1 1	15 6	2 26	18 31	0 13	7 36	0 59	24 10	2 56	1 20	1 5	27 52	16 2	4 8
W 8	4 48	20 41	3 41	2 39	3 31	10 7	1 22	22 31	1 34	6 30	1 1	15 6	2 26	18 31	0 13	7 36	0 59	24 10	2 56	1 20	1 6	27 53	16 3	4 8
T 9	4 24	15 48	2 46	2 31	3 35	9 40	1 23	22 37	1 34	6 25	1 1	15 5	2 26	18 32	0 13	7 35	0 59	24 10	2 56	1 21	1 7	27 54	16 3	4 8
F 10	4 1	10 5	1 41	2 18	3 37	9 12	1 24	22 43	1 34	6 19	1 1	15 5	2 27	18 32	0 12	7 34	0 59	24 10	2 56	1 21	1 9	27 54	16 4	4 8
S 11	3 37	3 49	0 28	2 1	3 37	8 45	1 24	22 50	1 34	6 13	1 1	15 4	2 27	18 33	0 12	7 33	0 59	24 11	2 56	1 21	1 10	27 55	16 5	4 7
S 12	3 14	2n46	0n47	1 40	3 35	8 17	1 25	22 56	1 34	6 8	1 1	15 3	2 27	18 33	0 12	7 32	0 59	24 11	2 56	1 21	1 11	27 56	16 5	4 7
M13	2 50	9 19	2 1	1 16	3 32	7 48	1 25	23 2	1 34	6 2	1 2	15 3	2 27	18 34	0 12	7 31	0 59	24 11	2 56	1 21	1 12	27 57	16 6	4 7
T 14	2 26	15 30	3 9	0 50	3 26	7 20	1 26	23 7	1 34	5 56	1 2	15 2	2 27	18 34	0 12	7 30	0 59	24 11	2 56	1 21	1 14	27 58	16 7	4 7
W15	2 3	20 55	4 5	0 21	3 19	6 51	1 26	23 13	1 34	5 51	1 2	15 2	2 27	18 35	0 12	7 30	0 59	24 11	2 56	1 21	1 15	27 58	16 8	4 7
T 16	1 39	25 10	4 47	0s 9	3 9	6 22	1 26	23 18	1 34	5 45	1 2	15 1	2 28	18 35	0 12	7 29	0 59	24 11	2 56	1 21	1 16	27 59	16 8	4 7
F 17	1 15	27 52	5 11	0 40	2 59	5 53	1 27	23 24	1 34	5 40	1 2	15 0	2 28	18 36	0 12	7 28	0 59	24 11	2 56	1 21	1 18	28 0	16 9	4 6
S 18	0 52	28 45	5 16	1 11	2 47	5 24	1 27	23 29	1 34	5 34	1 2	15 0	2 28	18 37	0 12	7 27	0 59	24 11	2 56	1 21	1 19	28 1	16 10	4 6
S 19	0 28	27 45	5 2	1 43	2 34	4 55	1 27	23 34	1 34	5 28	1 2	14 59	2 28	18 37	0 12	7 26	0 59	24 11	2 56	1 21	1 20	28 2	16 11	4 6
M20	0 4	24 59	4 30	2 13	2 20	4 25	1 27	23 39	1 34	5 23	1 2	14 58	2 28	18 38	0 12	7 25	0 59	24 11	2 56	1 21	1 21	28 2	16 11	4 6
T 21	0n20	20 47	3 43	2 42	2 5	3 56	1 27	23 44	1 34	5 17	1 2	14 57	2 29	18 38	0 12	7 25	0 59	24 12	2 56	1 21	1 23	28 3	16 12	4 6
W22	0 43	15 31	2 43	3 10	1 50	3 26	1 27	23 49	1 34	5 12	1 2	14 57	2 29	18 39	0 12	7 24	0 59	24 12	2 56	1 20	1 24	28 4	16 13	4 6
T 23	1 7	9 34	1 35	3 36	1 35	2 56	1 27	23 53	1 34	5 6	1 2	14 56	2 29	18 40	0 12	7 23	0 59	24 12	2 56	1 20	1 25	28 4	16 14	4 5
F 24	1 30	3 17	0 22	4 0	1 19	2 27	1 26	23 58	1 34	5 1	1 2	14 55	2 29	18 40	0 12	7 22	0 59	24 12	2 56	1 20	1 26	28 5	16 14	4 5
S 25	1 54	3s 1	0s50	4 21	1 3	1 57	1 26	24 2	1 34	4 55	1 2	14 54	2 29	18 41	0 12	7 21	0 59	24 12	2 56	1 20	1 28	28 6	16 15	4 5
S 26	2 17	9 5	1 58	4 41	0 48	1 27	1 26	24 6	1 34	4 49	1 2	14 53	2 29	18 42	0 12	7 20	0 59	24 12	2 56	1 20	1 29	28 7	16 16	4 5
M27	2 41	14 40	2 59	4 57	0 33	0 57	1 25	24 10	1 34	4 44	1 2	14 52	2 29	18 42	0 12	7 20	0 59	24 12	2 56	1 21	1 30	28 7	16 17	4 5
T 28	3 4	19 34	3 51	5 12	0 18	0 27	1 25	24 14	1 34	4 38	1 3	14 51	2 30	18 43	0 12	7 19	0 59	24 12	2 56	1 21	1 31	28 8	16 18	4 5
W29	3 28	23 35	4 31	5 23	0 3	0n 4	1 24	24 18	1 34	4 33	1 3	14 50	2 30	18 44	0 12	7 18	1 0	24 12	2 56	1 22	1 33	28 9	16 18	4 5
T 30	3 51	26 32	4 59	5 33	0s11	0 34	1 24	24 21	1 34	4 27	1 3	14 49	2 30	18 44	0 12	7 17	1 0	24 12	2 56	1 23	1 34	28 9	16 19	4 4
F 31	4n14	28s16	5s13	5s39	0s24	1n 4	1s23	24n25	1n33	4s22	1s 3	14s48	2n30	18n45	0s12	7s17	1s 0	24n12	2n56	1s23	1s35	28s10	16n20	4s 4

Julian Day Number = 2338379.5, Delta T = 8.77 sec
Ecliptic obliquity = 23°28'56, Nutation = 0°00'01
Ayanamsha: Fagan/Bradley = 20°24'55, Lahiri = 19°31'55Greg. Calendar

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APRIL 1690 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
S 1	12 38 58	11♈40'08	1♉25	16♓58	7♈ 6	17♊44	21♓40	17°R54	24♉36	13♓54	24°R13	26°R30	25♓58	19♐39	0♊42
S 2	12 42 55	12°39'09	13°20	17°22	8°21	18°19	21°54	17♏51	24°39	13°56	24♋13	26°D30	25°55	19°46	0°45
M 3	12 46 51	13°38'07	25°23	17°51	9°35	18°54	22° 8	17°47	24°42	13°58	24°13	26♓30	25°51	19°52	0°49
T 4	12 50 48	14°37'04	7♒37	18°24	10°49	19°29	22°22	17°44	24°45	14° 0	24°13	26°31	25°48	19°59	0°53
W 5	12 54 44	15°35'59	20° 8	19° 1	12° 4	20° 4	22°36	17°41	24°48	14° 2	24°12	26°32	25°45	20° 6	0°57
T 6	12 58 41	16°34'52	2♓58	19°43	13°18	20°40	22°50	17°37	24°51	14° 4	24°D12	26°34	25°42	20°13	1° 0
F 7	13 2 38	17°33'44	16°11	20°27	14°32	21°15	23° 4	17°34	24°54	14° 6	24°12	26°35	25°39	20°19	1° 4
S 8	13 6 34	18°32'33	29°47	21°15	15°47	21°50	23°18	17°30	24°56	14° 8	24°12	26°R35	25°36	20°26	1° 8
S 9	13 10 31	19°31'21	13♈45	22° 7	17° 1	22°26	23°32	17°26	24°59	14°10	24°13	26°34	25°32	20°33	1°12
M10	13 14 27	20°30'06	28° 2	23° 2	18°15	23° 1	23°45	17°23	25° 2	14°12	24°13	26°32	25°29	20°39	1°16
T 11	13 18 24	21°28'50	12♉34	23°59	19°29	23°36	23°59	17°19	25° 5	14°14	24°13	26°29	25°26	20°46	1°20
W12	13 22 20	22°27'31	27°13	25° 0	20°44	24°12	24°13	17°15	25° 9	14°16	24°13	26°26	25°23	20°53	1°24
T 13	13 26 17	23°26'11	11♊52	26° 3	21°58	24°47	24°26	17°11	25°12	14°17	24°13	26°22	25°20	21° 0	1°28
F 14	13 30 13	24°24'48	26°27	27° 9	23°12	25°23	24°40	17° 7	25°15	14°19	24°13	26°19	25°16	21° 6	1°32
S 15	13 34 10	25°23'23	10♋50	28°17	24°26	25°58	24°54	17° 3	25°18	14°21	24°13	26°17	25°13	21°13	1°36
S 16	13 38 7	26°21'56	24°59	29°28	25°40	26°34	25° 7	16°59	25°21	14°23	24°14	26°D16	25°10	21°20	1°41
M17	13 42 3	27°20'27	8♌53	0♈41	26°55	27°10	25°20	16°55	25°24	14°25	24°14	26°17	25° 7	21°26	1°45
T 18	13 46 0	28°18'55	22°30	1°57	28° 9	27°45	25°34	16°51	25°27	14°27	24°14	26°18	25° 4	21°33	1°49
W19	13 49 56	29°17'21	5♍53	3°15	29°23	28°21	25°47	16°47	25°31	14°28	24°15	26°20	25° 1	21°40	1°53
T 20	13 53 53	0♉15'45	19° 1	4°34	0♉37	28°57	26° 0	16°43	25°34	14°30	24°15	26°21	24°57	21°47	1°58
F 21	13 57 49	1°14'07	1♎56	5°56	1°51	29°32	26°13	16°38	25°37	14°32	24°15	26°R21	24°54	21°53	2° 2
S 22	14 1 46	2°12'27	14°39	7°20	3° 5	0♋ 8	26°27	16°34	25°40	14°33	24°16	26°19	24°51	22° 0	2° 6
S 23	14 5 42	3°10'45	27°11	8°46	4°19	0°44	26°40	16°30	25°44	14°35	24°16	26°16	24°48	22° 7	2°11
M24	14 9 39	4° 9'01	9♏33	10°14	5°33	1°20	26°53	16°25	25°47	14°37	24°16	26°11	24°45	22°14	2°15
T 25	14 13 36	5° 7'15	21°46	11°44	6°47	1°55	27° 6	16°21	25°50	14°38	24°17	26° 5	24°41	22°20	2°20
W26	14 17 32	6° 5'28	3♐50	13°15	8° 1	2°31	27°18	16°17	25°54	14°40	24°17	25°57	24°38	22°27	2°24
T 27	14 21 29	7° 3'39	15°48	14°49	9°15	3° 7	27°31	16°12	25°57	14°41	24°18	25°50	24°35	22°34	2°29
F 28	14 25 25	8° 1'49	27°42	16°25	10°29	3°43	27°44	16° 8	26° 0	14°43	24°18	25°43	24°32	22°40	2°33
S 29	14 29 22	8°59'57	9♑34	18° 2	11°43	4°19	27°57	16° 3	26° 4	14°45	24°19	25°38	24°29	22°47	2°38
S 30	14 33 18	9♉58'04	21♑28	19♈42	12♉57	4♋55	28♓ 9	15♏59	26♉ 7	14♓46	24♋20	25♓34	24♓26	22♐54	2♊42

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	4n37	28s43	5s15		5s43	0s37	1n34	1s22	24n28	1n33	4s16	1s 3	14s47	2n30	18n46	0s12	7s16	1s 0	24n12	2n56	1s24	1s36	28s11	16n21	4s 4
S 2	5 0	27 49	5 2		5 45	0 49	2 4	1 21	24 31	1 33	4 11	1 3	14 46	2 30	18 46	0 12	7 15	1 0	24 12	2 56	1 24	1 38	28 11	16 22	4 4
M 3	5 23	25 38	4 37		5 45	1 1	2 34	1 21	24 34	1 33	4 5	1 3	14 45	2 30	18 47	0 12	7 14	1 0	24 12	2 56	1 24	1 39	28 12	16 23	4 4
T 4	5 46	22 14	3 58		5 42	1 12	3 4	1 20	24 37	1 33	4 0	1 3	14 44	2 31	18 48	0 12	7 13	1 0	24 12	2 56	1 23	1 40	28 12	16 24	4 4
W 5	6 9	17 46	3 8		5 37	1 23	3 34	1 19	24 39	1 33	3 54	1 3	14 43	2 31	18 48	0 12	7 13	1 0	24 12	2 56	1 23	1 42	28 13	16 24	4 4
T 6	6 32	12 24	2 6		5 30	1 33	4 4	1 18	24 42	1 33	3 49	1 3	14 42	2 31	18 49	0 12	7 12	1 0	24 12	2 56	1 22	1 43	28 14	16 25	4 4
F 7	6 54	6 20	0 57		5 21	1 42	4 34	1 17	24 44	1 33	3 44	1 3	14 41	2 31	18 50	0 12	7 11	1 0	24 12	2 56	1 22	1 44	28 14	16 26	4 4
S 8	7 17	0n11	0n18		5 10	1 50	5 3	1 16	24 46	1 33	3 38	1 4	14 40	2 31	18 51	0 12	7 10	1 0	24 12	2 56	1 22	1 45	28 15	16 27	4 3
S 9	7 39	6 52	1 33		4 57	1 58	5 33	1 14	24 48	1 32	3 33	1 4	14 39	2 31	18 51	0 12	7 10	1 0	24 12	2 56	1 22	1 47	28 15	16 28	4 3
M10	8 1	13 21	2 44		4 42	2 6	6 3	1 13	24 50	1 32	3 28	1 4	14 38	2 31	18 52	0 12	7 9	1 0	24 12	2 56	1 23	1 48	28 16	16 29	4 3
T 11	8 23	19 13	3 46		4 25	2 12	6 32	1 12	24 52	1 32	3 22	1 4	14 37	2 31	18 53	0 12	7 8	1 0	24 12	2 56	1 24	1 49	28 17	16 30	4 3
W12	8 45	24 0	4 33		4 7	2 18	7 1	1 10	24 53	1 32	3 17	1 4	14 36	2 31	18 54	0 12	7 8	1 0	24 12	2 56	1 25	1 50	28 17	16 31	4 3
T 13	9 7	27 15	5 3		3 46	2 24	7 30	1 9	24 55	1 32	3 12	1 4	14 34	2 31	18 54	0 12	7 7	1 0	24 12	2 56	1 27	1 52	28 18	16 31	4 3
F 14	9 29	28 39	5 13		3 25	2 29	7 59	1 8	24 56	1 32	3 6	1 4	14 33	2 32	18 55	0 12	7 6	1 0	24 12	2 56	1 28	1 53	28 18	16 32	4 3
S 15	9 50	28 4	5 3		3 1	2 33	8 28	1 6	24 57	1 32	3 1	1 4	14 32	2 32	18 56	0 12	7 6	1 0	24 12	2 56	1 29	1 54	28 19	16 33	4 3
S 16	10 12	25 40	4 35		2 36	2 37	8 56	1 5	24 58	1 32	2 56	1 4	14 31	2 32	18 57	0 12	7 5	1 0	24 12	2 56	1 29	1 55	28 19	16 34	4 3
M17	10 33	21 47	3 51		2 10	2 40	9 25	1 3	24 58	1 31	2 51	1 5	14 30	2 32	18 57	0 12	7 4	1 0	24 12	2 56	1 29	1 57	28 20	16 35	4 3
T 18	10 54	16 47	2 54		1 42	2 42	9 53	1 1	24 59	1 31	2 45	1 5	14 28	2 32	18 58	0 12	7 4	1 0	24 12	2 56	1 28	1 58	28 20	16 36	4 3
W19	11 14	11 4	1 49		1 13	2 44	10 21	1 0	24 59	1 31	2 40	1 5	14 27	2 32	18 59	0 12	7 3	1 0	24 12	2 56	1 28	1 59	28 21	16 37	4 3
T 20	11 35	4 58	0 40		0 43	2 45	10 48	0 58	25 0	1 31	2 35	1 5	14 26	2 32	19 0	0 12	7 2	1 0	24 12	2 56	1 27	2 0	28 21	16 38	4 3
F 21	11 55	1s14	0s30		0 11	2 46	11 16	0 56	25 0	1 31	2 30	1 5	14 25	2 32	19 0	0 12	7 2	1 0	24 11	2 56	1 27	2 2	28 22	16 39	4 2
S 22	12 16	7 17	1 38		0n22	2 46	11 43	0 54	25 0	1 31	2 25	1 5	14 23	2 32	19 1	0 12	7 1	1 0	24 11	2 56	1 28	2 3	28 22	16 40	4 2
S 23	12 36	12 58	2 40		0 56	2 46	12 10	0 52	24 59	1 30	2 20	1 5	14 22	2 32	19 2	0 12	7 0	1 0	24 11	2 56	1 29	2 4	28 23	16 40	4 2
M24	12 56	18 4	3 33		1 32	2 45	12 36	0 51	24 59	1 30	2 15	1 5	14 21	2 32	19 3	0 12	7 0	1 0	24 11	2 56	1 31	2 6	28 23	16 41	4 2
T 25	13 15	22 21	4 16		2 8	2 43	13 2	0 49	24 58	1 30	2 10	1 6	14 20	2 32	19 4	0 12	6 59	1 0	24 11	2 56	1 34	2 7	28 24	16 42	4 2
W26	13 35	25 38	4 46		2 46	2 41	13 28	0 47	24 57	1 30	2 5	1 6	14 18	2 32	19 4	0 12	6 59	1 0	24 11	2 56	1 37	2 8	28 24	16 43	4 2
T 27	13 54	27 46	5 4		3 25	2 39	13 54	0 45	24 56	1 30	2 0	1 6	14 17	2 32	19 5	0 12	6 58	1 0	24 11	2 56	1 40	2 9	28 24	16 44	4 2
F 28	14 13	28 36	5 8		4 4	2 36	14 19	0 43	24 55	1 30	1 55	1 6	14 16	2 32	19 6	0 12	6 57	1 0	24 11	2 56	1 42	2 11	28 25	16 45	4 2
S 29	14 31	28 7	5 0		4 45	2 32	14 44	0 40	24 54	1 29	1 50	1 6	14 15	2 32	19 7	0 12	6 57	1 0	24 11	2 56	1 45	2 12	28 25	16 46	4 2
S 30	14n50	26s20	4s38		5n26	2s28	15n 9	0s38	24n53	1n29	1s45	1s 6	14s13	2n32	19n 8	0s12	6s56	1s 0	24n11	2n56	1s46	2s13	28s26	16n47	4s 2

Julian Day Number = 2338410.5, Delta T = 8.79 sec
Ecliptic obliquity = 23°28'56, Nutation = 0°00'01
Ayanamsha: Fagan/Bradley = 20°25'00, Lahiri = 19°32'00Greg. Calendar

MAY 1690 GC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
M 1	14 37 15	10♉56'09	3♒29	21♈23	14♉11	5♋31	28♓22	15°R55	26♉11	14♓47	24♋20	25°R32	24♓22	23♐ 1	2♊47
T 2	14 41 11	11°54'12	15°41	23° 6	15°25	6° 7	28°34	15♏50	26°14	14°49	24°21	25°D32	24°19	23° 7	2°52
W 3	14 45 8	12°52'15	28° 8	24°51	16°39	6°42	28°47	15°46	26°17	14°50	24°21	25♓32	24°16	23°14	2°56
T 4	14 49 5	13°50'15	10♓57	26°38	17°53	7°18	28°59	15°41	26°21	14°52	24°22	25°34	24°13	23°21	3° 1
F 5	14 53 1	14°48'15	24° 9	28°27	19° 7	7°54	29°11	15°37	26°24	14°53	24°23	25°R34	24°10	23°27	3° 6
S 6	14 56 58	15°46'13	7♈49	0♉18	20°21	8°31	29°23	15°32	26°28	14°54	24°24	25°34	24° 7	23°34	3°11
S 7	15 0 54	16°44'10	21°56	2°11	21°35	9° 7	29°35	15°28	26°31	14°56	24°24	25°31	24° 3	23°41	3°15
M 8	15 4 51	17°42'05	6♉27	4° 5	22°49	9°43	29°47	15°23	26°35	14°57	24°25	25°26	24° 0	23°48	3°20
T 9	15 8 47	18°39'59	21°19	6° 2	24° 2	10°19	29°59	15°19	26°38	14°58	24°26	25°19	23°57	23°54	3°25
W10	15 12 44	19°37'51	6♊21	8° 0	25°16	10°55	0♈11	15°14	26°42	15° 0	24°27	25°11	23°54	24° 1	3°30
T 11	15 16 40	20°35'42	21°26	10° 1	26°30	11°31	0°23	15°10	26°45	15° 1	24°28	25° 3	23°51	24° 8	3°34
F 12	15 20 37	21°33'32	6♋22	12° 2	27°44	12° 7	0°35	15° 5	26°49	15° 2	24°28	24°56	23°47	24°15	3°39
S 13	15 24 34	22°31'19	21° 2	14° 6	28°58	12°44	0°46	15° 1	26°52	15° 3	24°29	24°50	23°44	24°21	3°44
S 14	15 28 30	23°29'05	5♌22	16°11	0♊12	13°20	0°58	14°56	26°56	15° 4	24°30	24°47	23°41	24°28	3°49
M15	15 32 27	24°26'50	19°18	18°18	1°25	13°56	1° 9	14°52	26°59	15° 5	24°31	24°D45	23°38	24°35	3°54
T 16	15 36 23	25°24'32	2♍51	20°26	2°39	14°32	1°20	14°47	27° 3	15° 6	24°32	24°45	23°35	24°41	3°59
W17	15 40 20	26°22'13	16° 3	22°35	3°53	15° 8	1°32	14°43	27° 6	15° 7	24°33	24°46	23°32	24°48	4° 4
T 18	15 44 16	27°19'52	28°57	24°45	5° 7	15°45	1°43	14°39	27°10	15° 8	24°34	24°R46	23°28	24°55	4° 8
F 19	15 48 13	28°17'30	11♎36	26°56	6°20	16°21	1°54	14°34	27°13	15° 9	24°35	24°45	23°25	25° 2	4°13
S 20	15 52 9	29°15'06	24° 3	29° 8	7°34	16°57	2° 5	14°30	27°17	15°10	24°36	24°41	23°22	25° 8	4°18
S 21	15 56 6	0♊12'41	6♏20	1♊20	8°48	17°34	2°15	14°26	27°20	15°11	24°37	24°35	23°19	25°15	4°23
M22	16 0 3	1°10'15	18°29	3°31	10° 1	18°10	2°26	14°22	27°24	15°12	24°38	24°26	23°16	25°22	4°28
T 23	16 3 59	2° 7'47	0♐32	5°43	11°15	18°46	2°37	14°17	27°27	15°13	24°39	24°15	23°13	25°29	4°33
W24	16 7 56	3° 5'18	12°30	7°54	12°29	19°23	2°47	14°13	27°31	15°14	24°40	24° 3	23° 9	25°35	4°38
T 25	16 11 52	4° 2'49	24°25	10° 4	13°42	19°59	2°58	14° 9	27°34	15°14	24°41	23°50	23° 6	25°42	4°43
F 26	16 15 49	5° 0'18	6♑17	12°13	14°56	20°36	3° 8	14° 5	27°38	15°15	24°43	23°38	23° 3	25°49	4°48
S 27	16 19 45	5°57'46	18° 9	14°21	16°10	21°12	3°18	14° 1	27°41	15°16	24°44	23°28	23° 0	25°55	4°53
S 28	16 23 42	6°55'14	0♒ 4	16°27	17°23	21°49	3°28	13°57	27°45	15°17	24°45	23°20	22°57	26° 2	4°58
M29	16 27 38	7°52'40	12° 5	18°32	18°37	22°25	3°38	13°53	27°48	15°17	24°46	23°15	22°53	26° 9	5° 3
T 30	16 31 35	8°50'06	24°15	20°34	19°51	23° 2	3°48	13°49	27°52	15°18	24°47	23°13	22°50	26°16	5° 8
W31	16 35 32	9♊47'31	6♓40	22♊35	21♊ 4	23♋38	3♈58	13♏45	27♉55	15♓18	24♋49	23°D12	22♓47	26♐22	5♊12

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 8	23s22	4s 4	6n 9	2s23	15n33	0s36	24n51	1n29	1s40	1s 6	14s12	2n32	19n 8	0s12	6s56	1s 1	24n10	2n56	1s47	2s14	28s26	16n48	4s 2
T 2	15 26	19 19	3 18	6 52	2 18	15 57	0 34	24 49	1 29	1 35	1 7	14 11	2 32	19 9	0 12	6 55	1 1	24 10	2 56	1 47	2 16	28 26	16 49	4 2
W 3	15 44	14 22	2 22	7 36	2 12	16 20	0 32	24 47	1 29	1 30	1 7	14 10	2 32	19 10	0 12	6 55	1 1	24 10	2 56	1 47	2 17	28 27	16 49	4 2
T 4	16 1	8 41	1 18	8 21	2 5	16 43	0 30	24 45	1 29	1 26	1 7	14 8	2 32	19 11	0 12	6 54	1 1	24 10	2 56	1 46	2 18	28 27	16 50	4 2
F 5	16 18	2 27	0 8	9 6	1 59	17 6	0 27	24 43	1 28	1 21	1 7	14 7	2 32	19 12	0 12	6 54	1 1	24 10	2 56	1 46	2 19	28 28	16 51	4 2
S 6	16 35	4n 6	1n 5	9 52	1 51	17 28	0 25	24 40	1 28	1 16	1 7	14 6	2 32	19 13	0 12	6 53	1 1	24 10	2 56	1 46	2 21	28 28	16 52	4 2
S 7	16 52	10 40	2 17	10 38	1 44	17 49	0 23	24 38	1 28	1 12	1 7	14 4	2 32	19 13	0 12	6 53	1 1	24 10	2 56	1 47	2 22	28 28	16 53	4 2
M 8	17 8	16 52	3 21	11 24	1 36	18 11	0 21	24 35	1 28	1 7	1 8	14 3	2 32	19 14	0 12	6 52	1 1	24 10	2 56	1 49	2 23	28 29	16 54	4 2
T 9	17 25	22 12	4 14	12 11	1 27	18 31	0 18	24 32	1 28	1 2	1 8	14 2	2 32	19 15	0 12	6 52	1 1	24 9	2 56	1 52	2 24	28 29	16 55	4 2
W10	17 40	26 9	4 49	12 58	1 18	18 52	0 16	24 29	1 27	0 58	1 8	14 1	2 32	19 16	0 12	6 51	1 1	24 9	2 56	1 55	2 26	28 29	16 56	4 2
T 11	17 56	28 16	5 5	13 45	1 9	19 11	0 13	24 26	1 27	0 53	1 8	13 59	2 32	19 17	0 12	6 51	1 1	24 9	2 56	1 58	2 27	28 29	16 56	4 2
F 12	18 11	28 18	4 59	14 32	0 59	19 31	0 11	24 22	1 27	0 49	1 8	13 58	2 32	19 17	0 12	6 51	1 1	24 9	2 56	2 1	2 28	28 30	16 57	4 2
S 13	18 26	26 21	4 34	15 19	0 49	19 49	0 9	24 19	1 27	0 44	1 8	13 57	2 32	19 18	0 12	6 50	1 1	24 9	2 56	2 3	2 29	28 30	16 58	4 2
S 14	18 41	22 43	3 52	16 5	0 39	20 7	0 6	24 15	1 26	0 40	1 9	13 56	2 32	19 19	0 12	6 50	1 1	24 9	2 56	2 5	2 31	28 30	16 59	4 2
M15	18 55	17 52	2 58	16 51	0 29	20 25	0 4	24 11	1 26	0 36	1 9	13 55	2 32	19 20	0 12	6 49	1 1	24 8	2 56	2 5	2 32	28 31	17 0	4 2
T 16	19 9	12 15	1 54	17 36	0 18	20 42	0 2	24 7	1 26	0 31	1 9	13 53	2 31	19 21	0 12	6 49	1 1	24 8	2 56	2 5	2 33	28 31	17 1	4 2
W17	19 23	6 13	0 46	18 20	0 8	20 59	0n 1	24 2	1 26	0 27	1 9	13 52	2 31	19 22	0 12	6 49	1 1	24 8	2 56	2 5	2 34	28 31	17 2	4 2
T 18	19 36	0 5	0s22	19 2	0n 3	21 15	0 3	23 58	1 26	0 23	1 9	13 51	2 31	19 22	0 12	6 48	1 1	24 8	2 56	2 5	2 36	28 31	17 2	4 3
F 19	19 49	5s57	1 28	19 44	0 14	21 30	0 6	23 53	1 25	0 19	1 10	13 50	2 31	19 23	0 12	6 48	1 1	24 8	2 56	2 5	2 37	28 32	17 3	4 3
S 20	20 2	11 39	2 29	20 23	0 24	21 45	0 8	23 49	1 25	0 14	1 10	13 49	2 31	19 24	0 12	6 48	1 1	24 8	2 56	2 7	2 38	28 32	17 4	4 3
S 21	20 14	16 50	3 22	21 1	0 34	21 59	0 11	23 44	1 25	0 10	1 10	13 48	2 31	19 25	0 12	6 47	1 1	24 7	2 56	2 9	2 40	28 32	17 5	4 3
M22	20 26	21 17	4 5	21 37	0 44	22 12	0 13	23 39	1 25	0 6	1 10	13 46	2 31	19 26	0 12	6 47	1 1	24 7	2 56	2 13	2 41	28 32	17 6	4 3
T 23	20 37	24 48	4 36	22 11	0 54	22 25	0 15	23 33	1 24	0 2	1 10	13 45	2 31	19 26	0 12	6 47	1 1	24 7	2 56	2 17	2 42	28 33	17 6	4 3
W24	20 49	27 13	4 55	22 42	1 3	22 38	0 18	23 28	1 24	0n 2	1 11	13 44	2 31	19 27	0 11	6 47	1 1	24 7	2 56	2 22	2 43	28 33	17 7	4 3
T 25	21 0	28 23	5 1	23 11	1 12	22 49	0 20	23 22	1 24	0 6	1 11	13 43	2 30	19 28	0 11	6 46	1 1	24 7	2 56	2 27	2 45	28 33	17 8	4 3
F 26	21 10	28 14	4 54	23 37	1 20	23 0	0 23	23 17	1 24	0 10	1 11	13 42	2 30	19 29	0 11	6 46	1 2	24 6	2 56	2 32	2 46	28 33	17 9	4 3
S 27	21 20	26 46	4 34	24 1	1 27	23 10	0 25	23 11	1 23	0 14	1 11	13 41	2 30	19 30	0 11	6 46	1 2	24 6	2 56	2 36	2 47	28 33	17 10	4 3
S 28	21 30	24 7	4 2	24 21	1 34	23 20	0 27	23 5	1 23	0 17	1 11	13 40	2 30	19 30	0 11	6 46	1 2	24 6	2 56	2 39	2 48	28 33	17 10	4 3
M29	21 40	20 23	3 19	24 40	1 41	23 29	0 30	22 59	1 23	0 21	1 12	13 39	2 30	19 31	0 11	6 45	1 2	24 6	2 56	2 41	2 50	28 34	17 11	4 3
T 30	21 49	15 46	2 27	24 55	1 46	23 37	0 32	22 52	1 23	0 25	1 12	13 38	2 30	19 32	0 11	6 45	1 2	24 6	2 56	2 42	2 51	28 34	17 12	4 3
W31	21n58	10s25	1s26	25n 8	1n51	23n45	0n34	22n46	1n22	0n29	1s12	13s37	2n30	19n33	0s11	6s45	1s 2	24n 5	2n56	2s42	2s52	28s34	17n13	4s 4

Julian Day Number = 2338440.5, Delta T = 8.80 sec
Ecliptic obliquity = 23°28'55, Nutation = 0°00'01
Ayanamsha: Fagan/Bradley = 20°25'04, Lahiri = 19°32'04Greg. Calendar

JUNE 1690 GC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
T 1	16 39 28	10♊44'56	19♓24	24♊33	22♊18	24♋15	4♈ 7	13°R42	27♉59	15♓19	24♋50	23°R12	22♓44	26♐29	5♊17
F 2	16 43 25	11°42'19	2♈32	26°30	23°31	24°51	4°17	13♏38	28° 2	15°19	24°51	23♓12	22°41	26°36	5°22
S 3	16 47 21	12°39'43	16° 7	28°24	24°45	25°28	4°26	13°34	28° 5	15°20	24°52	23°10	22°38	26°43	5°27
S 4	16 51 18	13°37'05	0♉12	0♋15	25°59	26° 4	4°35	13°31	28° 9	15°20	24°54	23° 6	22°34	26°49	5°32
M 5	16 55 14	14°34'28	14°45	2° 4	27°12	26°41	4°45	13°27	28°12	15°21	24°55	23° 0	22°31	26°56	5°37
T 6	16 59 11	15°31'49	29°42	3°51	28°26	27°17	4°54	13°24	28°16	15°21	24°56	22°51	22°28	27° 3	5°42
W 7	17 3 7	16°29'10	14♊55	5°35	29°39	27°54	5° 2	13°20	28°19	15°22	24°58	22°41	22°25	27° 9	5°47
T 8	17 7 4	17°26'31	0♋13	7°16	0♋53	28°31	5°11	13°17	28°22	15°22	24°59	22°30	22°22	27°16	5°52
F 9	17 11 1	18°23'50	15°25	8°55	2° 6	29° 8	5°20	13°14	28°26	15°22	25° 0	22°20	22°19	27°23	5°57
S 10	17 14 57	19°21'09	0♌21	10°31	3°20	29°44	5°28	13°10	28°29	15°23	25° 2	22°12	22°15	27°30	6° 1
S 11	17 18 54	20°18'27	14°53	12° 5	4°33	0♌21	5°37	13° 7	28°32	15°23	25° 3	22° 7	22°12	27°36	6° 6
M12	17 22 50	21°15'44	28°58	13°36	5°47	0°58	5°45	13° 4	28°36	15°23	25° 5	22° 4	22° 9	27°43	6°11
T 13	17 26 47	22°13'00	12♍36	15° 5	7° 0	1°34	5°53	13° 1	28°39	15°23	25° 6	22° 3	22° 6	27°50	6°16
W14	17 30 43	23°10'15	25°47	16°31	8°14	2°11	6° 1	12°58	28°42	15°23	25° 7	22° 3	22° 3	27°56	6°21
T 15	17 34 40	24° 7'30	8♎37	17°54	9°27	2°48	6° 9	12°55	28°46	15°23	25° 9	22° 2	21°59	28° 3	6°25
F 16	17 38 37	25° 4'44	21° 9	19°14	10°41	3°25	6°16	12°53	28°49	15°23	25°10	22° 1	21°56	28°10	6°30
S 17	17 42 33	26° 1'57	3♏27	20°32	11°54	4° 2	6°24	12°50	28°52	15°23	25°12	21°57	21°53	28°17	6°35
S 18	17 46 30	26°59'09	15°34	21°47	13° 7	4°38	6°31	12°47	28°55	15°R23	25°13	21°50	21°50	28°23	6°40
M19	17 50 26	27°56'21	27°35	22°59	14°21	5°15	6°38	12°45	28°58	15°23	25°15	21°40	21°47	28°30	6°44
T 20	17 54 23	28°53'33	9♐31	24° 8	15°34	5°52	6°45	12°42	29° 2	15°23	25°16	21°28	21°44	28°37	6°49
W21	17 58 19	29°50'44	21°25	25°14	16°47	6°29	6°52	12°40	29° 5	15°23	25°18	21°15	21°40	28°44	6°54
T 22	18 2 16	0♋47'55	3♑18	26°17	18° 1	7° 6	6°59	12°38	29° 8	15°23	25°19	21° 1	21°37	28°50	6°58
F 23	18 6 12	1°45'06	15°11	27°17	19°14	7°43	7° 6	12°36	29°11	15°23	25°21	20°48	21°34	28°57	7° 3
S 24	18 10 9	2°42'17	27° 6	28°14	20°28	8°20	7°12	12°34	29°14	15°23	25°22	20°37	21°31	29° 4	7° 8
S 25	18 14 6	3°39'27	9♒ 5	29° 7	21°41	8°57	7°18	12°32	29°17	15°23	25°24	20°29	21°28	29°10	7°12
M26	18 18 2	4°36'38	21° 9	29°57	22°54	9°34	7°24	12°30	29°20	15°22	25°26	20°23	21°25	29°17	7°17
T 27	18 21 59	5°33'48	3♓23	0♌43	24° 7	10°11	7°30	12°28	29°23	15°22	25°27	20°20	21°21	29°24	7°21
W28	18 25 55	6°30'59	15°50	1°26	25°21	10°48	7°36	12°26	29°26	15°22	25°29	20°D19	21°18	29°31	7°26
T 29	18 29 52	7°28'10	28°34	2° 5	26°34	11°25	7°42	12°24	29°29	15°21	25°30	20°19	21°15	29°37	7°30
F 30	18 33 48	8♋25'21	11♈39	2♌40	27♋47	12♌ 2	7♈47	12♏23	29♉32	15♓21	25♋32	20°R19	21♓12	29♐44	7♊35

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 6	4s31	0s20	25n18	1n55	23n52	0n37	22n39	1n22	0n32	1s12	13s36	2n29	19n34	0s11	6s45	1s 2	24n 5	2n56	2s42	2s53	28s34	17n13	4s 4
F 2	22 14	1n46	0n49	25 25	1 59	23 58	0 39	22 32	1 22	0 36	1 12	13 35	2 29	19 34	0 11	6 45	1 2	24 5	2 56	2 42	2 55	28 34	17 14	4 4
S 3	22 21	8 10	1 58	25 30	2 1	24 4	0 41	22 25	1 22	0 39	1 13	13 34	2 29	19 35	0 11	6 44	1 2	24 5	2 56	2 43	2 56	28 34	17 15	4 4
S 4	22 29	14 24	3 2	25 32	2 3	24 8	0 43	22 18	1 21	0 43	1 13	13 33	2 29	19 36	0 11	6 44	1 2	24 5	2 56	2 44	2 57	28 34	17 16	4 4
M 5	22 35	20 3	3 57	25 32	2 4	24 13	0 45	22 11	1 21	0 46	1 13	13 32	2 29	19 37	0 11	6 44	1 2	24 4	2 56	2 47	2 58	28 35	17 16	4 4
T 6	22 42	24 37	4 36	25 30	2 5	24 16	0 48	22 4	1 21	0 49	1 13	13 31	2 29	19 37	0 11	6 44	1 2	24 4	2 56	2 50	3 0	28 35	17 17	4 4
W 7	22 48	27 33	4 58	25 26	2 4	24 19	0 50	21 56	1 21	0 53	1 14	13 31	2 28	19 38	0 11	6 44	1 2	24 4	2 56	2 55	3 1	28 35	17 18	4 4
T 8	22 53	28 26	4 58	25 20	2 3	24 21	0 52	21 48	1 20	0 56	1 14	13 30	2 28	19 39	0 11	6 44	1 2	24 4	2 56	2 59	3 2	28 35	17 18	4 5
F 9	22 58	27 10	4 37	25 12	2 2	24 22	0 54	21 41	1 20	0 59	1 14	13 29	2 28	19 40	0 11	6 44	1 2	24 3	2 56	3 3	3 3	28 35	17 19	4 5
S 10	23 3	23 58	3 57	25 2	1 59	24 22	0 56	21 33	1 20	1 2	1 14	13 28	2 28	19 40	0 11	6 44	1 2	24 3	2 56	3 6	3 5	28 35	17 20	4 5
S 11	23 8	19 18	3 3	24 51	1 56	24 22	0 58	21 24	1 20	1 5	1 15	13 27	2 28	19 41	0 11	6 44	1 2	24 3	2 56	3 8	3 6	28 35	17 20	4 5
M12	23 12	13 42	1 59	24 38	1 52	24 21	1 0	21 16	1 19	1 9	1 15	13 27	2 27	19 42	0 11	6 44	1 2	24 3	2 56	3 9	3 7	28 35	17 21	4 5
T 13	23 15	7 37	0 50	24 24	1 47	24 20	1 2	21 8	1 19	1 11	1 15	13 26	2 27	19 43	0 11	6 44	1 2	24 2	2 56	3 10	3 8	28 35	17 22	4 5
W14	23 18	1 22	0s20	24 8	1 42	24 17	1 4	20 59	1 19	1 14	1 15	13 25	2 27	19 43	0 11	6 44	1 2	24 2	2 56	3 10	3 10	28 35	17 22	4 6
T 15	23 21	4s45	1 26	23 52	1 36	24 14	1 6	20 51	1 19	1 17	1 16	13 25	2 27	19 44	0 11	6 44	1 2	24 2	2 56	3 10	3 11	28 35	17 23	4 6
F 16	23 23	10 32	2 27	23 34	1 29	24 10	1 7	20 42	1 18	1 20	1 16	13 24	2 27	19 45	0 11	6 44	1 2	24 2	2 56	3 10	3 12	28 35	17 24	4 6
S 17	23 25	15 49	3 20	23 15	1 22	24 6	1 9	20 33	1 18	1 23	1 16	13 24	2 26	19 45	0 11	6 44	1 2	24 1	2 56	3 12	3 13	28 35	17 24	4 6
S 18	23 27	20 24	4 3	22 56	1 14	24 0	1 11	20 24	1 18	1 25	1 16	13 23	2 26	19 46	0 11	6 44	1 3	24 1	2 56	3 15	3 15	28 35	17 25	4 6
M19	23 28	24 6	4 34	22 36	1 5	23 55	1 12	20 14	1 17	1 28	1 17	13 22	2 26	19 47	0 11	6 44	1 3	24 1	2 57	3 19	3 16	28 35	17 25	4 7
T 20	23 29	26 45	4 53	22 15	0 56	23 48	1 14	20 5	1 17	1 31	1 17	13 22	2 26	19 48	0 11	6 44	1 3	24 1	2 57	3 23	3 17	28 35	17 26	4 7
W21	23 29	28 11	5 0	21 53	0 47	23 41	1 16	19 55	1 17	1 33	1 17	13 21	2 26	19 48	0 11	6 44	1 3	24 0	2 57	3 29	3 18	28 35	17 27	4 7
T 22	23 29	28 19	4 53	21 32	0 36	23 32	1 17	19 46	1 17	1 36	1 17	13 21	2 25	19 49	0 11	6 44	1 3	24 0	2 57	3 34	3 20	28 35	17 27	4 7
F 23	23 28	27 9	4 33	21 9	0 26	23 24	1 19	19 36	1 16	1 38	1 18	13 20	2 25	19 50	0 11	6 44	1 3	24 0	2 57	3 39	3 21	28 35	17 28	4 7
S 24	23 27	24 44	4 2	20 47	0 14	23 14	1 20	19 26	1 16	1 40	1 18	13 20	2 25	19 50	0 11	6 44	1 3	24 0	2 57	3 43	3 22	28 35	17 28	4 8
S 25	23 26	21 14	3 20	20 25	0 3	23 4	1 21	19 16	1 16	1 42	1 18	13 20	2 25	19 51	0 11	6 44	1 3	23 59	2 57	3 47	3 23	28 35	17 29	4 8
M26	23 24	16 48	2 28	20 2	0s10	22 54	1 23	19 6	1 15	1 45	1 18	13 19	2 24	19 52	0 11	6 44	1 3	23 59	2 57	3 49	3 25	28 35	17 29	4 8
T 27	23 22	11 39	1 28	19 40	0 22	22 42	1 24	18 56	1 15	1 47	1 19	13 19	2 24	19 52	0 11	6 45	1 3	23 59	2 57	3 50	3 26	28 35	17 30	4 8
W28	23 19	5 57	0 24	19 18	0 36	22 30	1 25	18 45	1 15	1 49	1 19	13 19	2 24	19 53	0 11	6 45	1 3	23 59	2 57	3 51	3 27	28 34	17 30	4 8
T 29	23 16	0n 6	0n44	18 56	0 49	22 17	1 26	18 35	1 14	1 51	1 19	13 18	2 24	19 54	0 11	6 45	1 3	23 58	2 57	3 51	3 29	28 34	17 31	4 9
F 30	23n13	6n19	1n51	18n35	1s 3	22n 4	1n27	18n24	1n14	1n53	1s20	13s18	2n23	19n54	0s11	6s45	1s 3	23n58	2n57	3s51	3s30	28s34	17n31	4s 9

Julian Day Number = 2338471.5, Delta T = 8.82 sec
Ecliptic obliquity = 23°28'55, Nutation = 0°00'01
Ayanamsha: Fagan/Bradley = 20°25'08, Lahiri = 19°32'08Greg. Calendar

SWISS EPHEMERIS for the year 1690

JULY 1690 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
S 1	18 37 45	9♋22'32	25♈ 8	3♌10	29♋ 0	12♌39	7♈53	12°R21	29♉35	15°R21	25♋34	20°R18	21♓ 9	29♐51	7♊39
S 2	18 41 41	10°19'44	9♉ 5	3°37	0♌14	13°16	7°58	12♏20	29°38	15♓20	25°35	20♓15	21° 5	29°57	7°44
M 3	18 45 38	11°16'56	23°29	3°59	1°27	13°53	8° 3	12°19	29°41	15°20	25°37	20°10	21° 2	0♑ 4	7°48
T 4	18 49 35	12°14'09	8♊18	4°17	2°40	14°30	8° 7	12°18	29°43	15°19	25°38	20° 2	20°59	0°11	7°52
W 5	18 53 31	13°11'22	23°24	4°30	3°53	15° 8	8°12	12°16	29°46	15°19	25°40	19°53	20°56	0°18	7°57
T 6	18 57 28	14° 8'36	8♋40	4°39	5° 7	15°45	8°17	12°15	29°49	15°18	25°42	19°44	20°53	0°24	8° 1
F 7	19 1 24	15° 5'49	23°54	4°R43	6°20	16°22	8°21	12°15	29°52	15°17	25°43	19°35	20°50	0°31	8° 5
S 8	19 5 21	16° 3'03	8♌55	4°42	7°33	16°59	8°25	12°14	29°54	15°17	25°45	19°28	20°46	0°38	8° 9
S 9	19 9 17	17° 0'17	23°35	4°36	8°46	17°36	8°29	12°13	29°57	15°16	25°47	19°23	20°43	0°45	8°14
M10	19 13 14	17°57'31	7♍48	4°26	9°59	18°14	8°33	12°12	29°59	15°15	25°48	19°21	20°40	0°51	8°18
T 11	19 17 10	18°54'45	21°33	4°11	11°12	18°51	8°36	12°12	0♊ 2	15°15	25°50	19°D20	20°37	0°58	8°22
W12	19 21 7	19°51'59	4♎50	3°51	12°26	19°28	8°39	12°11	0° 5	15°14	25°52	19°21	20°34	1° 5	8°26
T 13	19 25 4	20°49'14	17°42	3°27	13°39	20° 6	8°43	12°11	0° 7	15°13	25°53	19°R21	20°31	1°11	8°30
F 14	19 29 0	21°46'28	0♏14	2°59	14°52	20°43	8°46	12°11	0°10	15°12	25°55	19°21	20°27	1°18	8°34
S 15	19 32 57	22°43'43	12°30	2°27	16° 5	21°20	8°48	12°11	0°12	15°12	25°57	19°19	20°24	1°25	8°38
S 16	19 36 53	23°40'58	24°34	1°52	17°18	21°58	8°51	12°D11	0°15	15°11	25°58	19°15	20°21	1°32	8°42
M17	19 40 50	24°38'13	6♐31	1°14	18°31	22°35	8°53	12°11	0°17	15°10	26° 0	19° 8	20°18	1°38	8°46
T 18	19 44 46	25°35'29	18°25	0°34	19°44	23°13	8°56	12°11	0°19	15° 9	26° 2	19° 0	20°15	1°45	8°49
W19	19 48 43	26°32'46	0♑17	29♋52	20°57	23°50	8°58	12°11	0°22	15° 8	26° 3	18°51	20°11	1°52	8°53
T 20	19 52 40	27°30'02	12°10	29° 9	22°10	24°28	9° 0	12°12	0°24	15° 7	26° 5	18°41	20° 8	1°59	8°57
F 21	19 56 36	28°27'20	24° 7	28°27	23°23	25° 5	9° 1	12°12	0°26	15° 6	26° 7	18°32	20° 5	2° 5	9° 1
S 22	20 0 33	29°24'38	6♒ 8	27°44	24°36	25°43	9° 3	12°13	0°28	15° 5	26° 8	18°24	20° 2	2°12	9° 4
S 23	20 4 29	0♌21'57	18°15	27° 4	25°48	26°20	9° 4	12°13	0°30	15° 4	26°10	18°18	19°59	2°19	9° 8
M24	20 8 26	1°19'16	0♓30	26°25	27° 1	26°58	9° 5	12°14	0°32	15° 3	26°12	18°14	19°56	2°25	9°12
T 25	20 12 22	2°16'37	12°55	25°49	28°14	27°35	9° 6	12°15	0°35	15° 2	26°13	18°D13	19°52	2°32	9°15
W26	20 16 19	3°13'58	25°31	25°17	29°27	28°13	9° 7	12°16	0°37	15° 1	26°15	18°13	19°49	2°39	9°18
T 27	20 20 15	4°11'20	8♈22	24°49	0♍40	28°50	9° 7	12°17	0°39	15° 0	26°17	18°14	19°46	2°46	9°22
F 28	20 24 12	5° 8'44	21°31	24°26	1°53	29°28	9° 7	12°18	0°41	14°59	26°18	18°15	19°43	2°52	9°25
S 29	20 28 8	6° 6'09	4♉59	24° 8	3° 5	0♍ 6	9°R 7	12°19	0°42	14°57	26°20	18°R16	19°40	2°59	9°29
S 30	20 32 5	7° 3'35	18°49	23°55	4°18	0°44	9° 7	12°20	0°44	14°56	26°21	18°15	19°37	3° 6	9°32
M31	20 36 2	8♌ 1'03	3♊ 1	23°D49	5♍31	1♍21	9♈ 7	12♏22	0♊46	14♓55	26♋23	18♓13	19♓33	3♑12	9♊35

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 9	12n26	2n54	18n14	1s17	21n50	1n28	18n13	1n14	1n54	1s20	13s18	2n23	19n55	0s11	6s45	1s 3	23n58	2n57	3s51	3s31	28s34	17n32	4s 9
S 2	23 5	18 9	3 48	17 54	1 32	21 35	1 29	18 2	1 14	1 56	1 20	13 18	2 23	19 55	0 11	6 46	1 3	23 58	2 57	3 52	3 32	28 34	17 32	4 9
M 3	23 0	23 2	4 31	17 34	1 46	21 20	1 30	17 51	1 13	1 58	1 20	13 18	2 23	19 56	0 11	6 46	1 3	23 57	2 57	3 54	3 34	28 34	17 33	4 10
T 4	22 55	26 36	4 56	17 16	2 1	21 4	1 31	17 40	1 13	2 0	1 21	13 18	2 22	19 57	0 11	6 46	1 3	23 57	2 57	3 57	3 35	28 34	17 33	4 10
W 5	22 50	28 21	5 2	16 58	2 16	20 48	1 32	17 29	1 13	2 1	1 21	13 17	2 22	19 57	0 11	6 46	1 3	23 57	2 57	4 1	3 36	28 34	17 33	4 10
T 6	22 44	27 58	4 46	16 41	2 31	20 31	1 32	17 18	1 12	2 3	1 21	13 17	2 22	19 58	0 11	6 47	1 3	23 57	2 57	4 4	3 37	28 33	17 34	4 10
F 7	22 38	25 28	4 11	16 26	2 46	20 13	1 33	17 6	1 12	2 4	1 21	13 17	2 22	19 58	0 11	6 47	1 3	23 56	2 57	4 8	3 39	28 33	17 34	4 11
S 8	22 31	21 14	3 18	16 12	3 0	19 55	1 33	16 55	1 12	2 5	1 22	13 17	2 21	19 59	0 11	6 47	1 3	23 56	2 57	4 11	3 40	28 33	17 35	4 11
S 9	22 24	15 46	2 13	16 0	3 15	19 37	1 34	16 43	1 11	2 7	1 22	13 17	2 21	20 0	0 11	6 47	1 3	23 56	2 57	4 13	3 41	28 33	17 35	4 11
M10	22 16	9 36	1 1	15 48	3 29	19 17	1 34	16 31	1 11	2 8	1 22	13 17	2 21	20 0	0 11	6 48	1 3	23 56	2 57	4 13	3 42	28 33	17 35	4 11
T 11	22 9	3 11	0s12	15 39	3 42	18 58	1 35	16 19	1 11	2 9	1 23	13 18	2 21	20 1	0 11	6 48	1 4	23 55	2 57	4 14	3 44	28 32	17 36	4 12
W12	22 1	3s10	1 22	15 31	3 55	18 37	1 35	16 7	1 10	2 10	1 23	13 18	2 20	20 1	0 11	6 48	1 4	23 55	2 58	4 13	3 45	28 32	17 36	4 12
T 13	21 52	9 12	2 26	15 25	4 7	18 17	1 35	15 55	1 10	2 11	1 23	13 18	2 20	20 2	0 11	6 49	1 4	23 55	2 58	4 13	3 46	28 32	17 36	4 12
F 14	21 43	14 42	3 21	15 21	4 18	17 55	1 35	15 43	1 10	2 12	1 24	13 18	2 20	20 2	0 11	6 49	1 4	23 55	2 58	4 13	3 47	28 32	17 37	4 13
S 15	21 34	19 30	4 5	15 18	4 28	17 34	1 35	15 31	1 9	2 13	1 24	13 18	2 20	20 3	0 11	6 49	1 4	23 54	2 58	4 14	3 49	28 32	17 37	4 13
S 16	21 24	23 26	4 38	15 17	4 36	17 11	1 35	15 18	1 9	2 14	1 24	13 18	2 19	20 3	0 11	6 50	1 4	23 54	2 58	4 16	3 50	28 31	17 37	4 13
M17	21 14	26 20	4 58	15 19	4 43	16 49	1 35	15 6	1 9	2 14	1 24	13 19	2 19	20 4	0 11	6 50	1 4	23 54	2 58	4 18	3 51	28 31	17 38	4 14
T 18	21 4	28 3	5 5	15 21	4 49	16 26	1 35	14 53	1 8	2 15	1 25	13 19	2 19	20 4	0 11	6 50	1 4	23 54	2 58	4 22	3 52	28 31	17 38	4 14
W19	20 53	28 28	4 59	15 26	4 53	16 2	1 35	14 40	1 8	2 15	1 25	13 19	2 18	20 5	0 11	6 51	1 4	23 53	2 58	4 25	3 54	28 30	17 38	4 14
T 20	20 42	27 35	4 40	15 32	4 56	15 38	1 34	14 27	1 8	2 16	1 25	13 20	2 18	20 5	0 11	6 51	1 4	23 53	2 58	4 29	3 55	28 30	17 38	4 14
F 21	20 30	25 25	4 9	15 40	4 56	15 14	1 34	14 14	1 7	2 16	1 26	13 20	2 18	20 6	0 11	6 52	1 4	23 53	2 58	4 33	3 56	28 30	17 39	4 15
S 22	20 19	22 6	3 27	15 49	4 55	14 49	1 33	14 1	1 7	2 17	1 26	13 21	2 18	20 6	0 11	6 52	1 4	23 53	2 58	4 36	3 57	28 30	17 39	4 15
S 23	20 7	17 50	2 34	16 0	4 52	14 24	1 33	13 48	1 7	2 17	1 26	13 21	2 17	20 7	0 11	6 53	1 4	23 52	2 58	4 38	3 59	28 29	17 39	4 15
M24	19 54	12 47	1 34	16 12	4 48	13 58	1 32	13 35	1 6	2 17	1 26	13 21	2 17	20 7	0 11	6 53	1 4	23 52	2 58	4 39	4 0	28 29	17 39	4 16
T 25	19 41	7 10	0 29	16 24	4 42	13 32	1 32	13 22	1 6	2 17	1 27	13 22	2 17	20 7	0 11	6 53	1 4	23 52	2 58	4 40	4 1	28 29	17 39	4 16
W26	19 28	1 11	0n39	16 38	4 34	13 6	1 31	13 9	1 6	2 17	1 27	13 23	2 17	20 8	0 11	6 54	1 4	23 52	2 58	4 40	4 2	28 28	17 40	4 16
T 27	19 15	4n58	1 47	16 52	4 25	12 40	1 30	12 55	1 5	2 17	1 27	13 23	2 16	20 8	0 11	6 54	1 4	23 51	2 59	4 40	4 4	28 28	17 40	4 17
F 28	19 1	11 2	2 50	17 6	4 14	12 13	1 29	12 42	1 5	2 17	1 28	13 24	2 16	20 9	0 11	6 55	1 4	23 51	2 59	4 39	4 5	28 28	17 40	4 17
S 29	18 47	16 45	3 46	17 21	4 2	11 46	1 28	12 28	1 5	2 17	1 28	13 24	2 16	20 9	0 11	6 55	1 4	23 51	2 59	4 39	4 6	28 27	17 40	4 17
S 30	18 32	21 47	4 30	17 36	3 49	11 18	1 27	12 14	1 4	2 16	1 28	13 25	2 16	20 9	0 11	6 56	1 4	23 51	2 59	4 39	4 7	28 27	17 40	4 18
M31	18n18	25n41	4n59	17n51	3s35	10n50	1n26	12n 0	1n 4	2n16	1s29	13s26	2n15	20n10	0s11	6s56	1s 4	23n50	2n59	4s40	4s 9	28s27	17n40	4s18

Julian Day Number = 2338501.5, Delta T = 8.82 sec
Ecliptic obliquity = 23°28'55, Nutation = 0°00'03
Ayanamsha: Fagan/Bradley = 20°25'12, Lahiri = 19°32'12Greg. Calendar

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AUGUST 1690 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
T 1	20 39 58	8♌58'31	17♊34	23♋49	6♍43	1♍59	9°R 7	12♏23	0♊48	14°R54	26♋25	18°R 9	19♓30	3♑19	9♊38
W 2	20 43 55	9°56'02	2♋24	23°56	7°56	2°37	9♈ 6	12°25	0°50	14♓52	26°26	18♓ 4	19°27	3°26	9°41
T 3	20 47 51	10°53'33	17°23	24°10	9° 9	3°15	9° 5	12°27	0°51	14°51	26°28	17°59	19°24	3°33	9°44
F 4	20 51 48	11°51'06	2♌22	24°30	10°21	3°52	9° 4	12°28	0°53	14°50	26°30	17°54	19°21	3°39	9°47
S 5	20 55 44	12°48'39	17°14	24°57	11°34	4°30	9° 3	12°30	0°55	14°49	26°31	17°50	19°17	3°46	9°50
S 6	20 59 41	13°46'14	1♍49	25°31	12°47	5° 8	9° 1	12°32	0°56	14°47	26°33	17°47	19°14	3°53	9°53
M 7	21 3 38	14°43'50	16° 3	26°11	13°59	5°46	8°59	12°34	0°58	14°46	26°34	17°D46	19°11	3°59	9°56
T 8	21 7 34	15°41'27	29°50	26°59	15°12	6°24	8°58	12°37	0°59	14°44	26°36	17°47	19° 8	4° 6	9°59
W 9	21 11 31	16°39'04	13♎12	27°53	16°24	7° 2	8°55	12°39	1° 1	14°43	26°38	17°48	19° 5	4°13	10° 2
T 10	21 15 27	17°36'43	26° 8	28°53	17°37	7°40	8°53	12°41	1° 2	14°42	26°39	17°50	19° 2	4°20	10° 4
F 11	21 19 24	18°34'23	8♏44	29°59	18°49	8°18	8°51	12°44	1° 3	14°40	26°41	17°51	18°58	4°26	10° 7
S 12	21 23 20	19°32'04	21° 2	1♌12	20° 2	8°56	8°48	12°46	1° 4	14°39	26°42	17°R51	18°55	4°33	10° 9
S 13	21 27 17	20°29'46	3♐ 7	2°30	21°14	9°34	8°45	12°49	1° 6	14°37	26°44	17°51	18°52	4°40	10°12
M14	21 31 13	21°27'29	15° 4	3°54	22°26	10°12	8°42	12°52	1° 7	14°36	26°45	17°49	18°49	4°47	10°14
T 15	21 35 10	22°25'13	26°57	5°23	23°39	10°50	8°39	12°54	1° 8	14°34	26°47	17°46	18°46	4°53	10°17
W16	21 39 7	23°22'59	8♑50	6°56	24°51	11°29	8°35	12°57	1° 9	14°33	26°49	17°42	18°43	5° 0	10°19
T 17	21 43 3	24°20'45	20°45	8°34	26° 3	12° 7	8°32	13° 0	1°10	14°31	26°50	17°38	18°39	5° 7	10°21
F 18	21 47 0	25°18'33	2♒47	10°16	27°16	12°45	8°28	13° 3	1°11	14°30	26°52	17°34	18°36	5°13	10°23
S 19	21 50 56	26°16'23	14°57	12° 1	28°28	13°23	8°24	13° 6	1°12	14°28	26°53	17°31	18°33	5°20	10°25
S 20	21 54 53	27°14'13	27°16	13°49	29°40	14° 2	8°20	13°10	1°13	14°27	26°55	17°29	18°30	5°27	10°27
M21	21 58 49	28°12'06	9♓46	15°40	0♎52	14°40	8°16	13°13	1°14	14°25	26°56	17°28	18°27	5°34	10°29
T 22	22 2 46	29° 9'59	22°28	17°33	2° 4	15°18	8°11	13°16	1°15	14°24	26°57	17°D28	18°23	5°40	10°31
W23	22 6 42	0♍ 7'55	5♈23	19°27	3°16	15°56	8° 6	13°20	1°15	14°22	26°59	17°29	18°20	5°47	10°33
T 24	22 10 39	1° 5'52	18°30	21°23	4°28	16°35	8° 2	13°24	1°16	14°20	27° 0	17°30	18°17	5°54	10°35
F 25	22 14 35	2° 3'51	1♉52	23°20	5°40	17°13	7°57	13°27	1°17	14°19	27° 2	17°31	18°14	6° 0	10°37
S 26	22 18 32	3° 1'52	15°29	25°17	6°52	17°52	7°51	13°31	1°17	14°17	27° 3	17°32	18°11	6° 7	10°38
S 27	22 22 29	3°59'55	29°20	27°15	8° 4	18°30	7°46	13°35	1°18	14°16	27° 5	17°R33	18° 8	6°14	10°40
M28	22 26 25	4°58'00	13♊26	29°13	9°16	19° 9	7°41	13°39	1°18	14°14	27° 6	17°32	18° 4	6°21	10°41
T 29	22 30 22	5°56'07	27°44	1♍10	10°28	19°47	7°35	13°43	1°19	14°12	27° 7	17°32	18° 1	6°27	10°43
W30	22 34 18	6°54'16	12♋12	3° 7	11°40	20°26	7°29	13°47	1°19	14°11	27° 9	17°31	17°58	6°34	10°44
T 31	22 38 15	7♍52'27	26♋47	5♍ 4	12♎51	21♍ 4	7♈23	13♏51	1♊19	14♓ 9	27♋10	17♓30	17♓55	6♑41	10♊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
T 1	18n 3	28n 3	5n10	18n 5	3s20	10n22	1n25	11n47	1n 4	2n15	1s29	13s26	2n15	20n10	0s11	6s57	1s 4	23n50	2n59	4s41	4s10	28s26	17n40	4s18
W 2	17 47	28 28	5 0	18 19	3 5	9 54	1 23	11 33	1 3	2 15	1 29	13 27	2 15	20 11	0 11	6 57	1 4	23 50	2 59	4 43	4 11	28 26	17 41	4 19
T 3	17 32	26 49	4 30	18 33	2 49	9 25	1 22	11 19	1 3	2 14	1 29	13 28	2 14	20 11	0 11	6 58	1 4	23 50	2 59	4 46	4 12	28 25	17 41	4 19
F 4	17 16	23 16	3 42	18 45	2 33	8 56	1 21	11 5	1 3	2 14	1 30	13 29	2 14	20 11	0 11	6 58	1 4	23 49	2 59	4 48	4 14	28 25	17 41	4 20
S 5	17 0	18 13	2 39	18 57	2 16	8 27	1 19	10 50	1 2	2 13	1 30	13 29	2 14	20 12	0 11	6 59	1 4	23 49	2 59	4 49	4 15	28 25	17 41	4 20
S 6	16 43	12 11	1 26	19 7	2 0	7 58	1 17	10 36	1 2	2 12	1 30	13 30	2 14	20 12	0 11	7 0	1 4	23 49	2 59	4 50	4 16	28 24	17 41	4 20
M 7	16 27	5 40	0 9	19 16	1 43	7 29	1 16	10 22	1 1	2 11	1 31	13 31	2 13	20 12	0 11	7 0	1 4	23 49	2 59	4 50	4 17	28 24	17 41	4 21
T 8	16 10	0s56	1s 5	19 23	1 27	6 59	1 14	10 7	1 1	2 10	1 31	13 32	2 13	20 13	0 11	7 1	1 4	23 49	3 0	4 50	4 19	28 23	17 41	4 21
W 9	15 52	7 17	2 14	19 29	1 10	6 29	1 12	9 53	1 1	2 9	1 31	13 33	2 13	20 13	0 11	7 1	1 4	23 48	3 0	4 50	4 20	28 23	17 41	4 21
T 10	15 35	13 8	3 14	19 32	0 54	5 59	1 10	9 38	1 0	2 8	1 31	13 34	2 13	20 13	0 11	7 2	1 5	23 48	3 0	4 49	4 21	28 22	17 41	4 22
F 11	15 17	18 16	4 3	19 33	0 39	5 29	1 8	9 24	1 0	2 7	1 32	13 35	2 12	20 13	0 11	7 2	1 5	23 48	3 0	4 49	4 22	28 22	17 41	4 22
S 12	14 59	22 32	4 40	19 32	0 24	4 58	1 6	9 9	1 0	2 5	1 32	13 36	2 12	20 14	0 11	7 3	1 5	23 48	3 0	4 49	4 23	28 21	17 41	4 23
S 13	14 41	25 46	5 3	19 29	0 9	4 28	1 4	8 54	0 59	2 4	1 32	13 37	2 12	20 14	0 11	7 4	1 5	23 47	3 0	4 49	4 25	28 21	17 41	4 23
M14	14 23	27 50	5 13	19 23	0n 4	3 57	1 2	8 40	0 59	2 2	1 32	13 38	2 12	20 14	0 11	7 4	1 5	23 47	3 0	4 50	4 26	28 20	17 41	4 23
T 15	14 4	28 36	5 9	19 14	0 17	3 27	1 0	8 25	0 58	2 1	1 33	13 39	2 11	20 14	0 11	7 5	1 5	23 47	3 0	4 51	4 27	28 20	17 41	4 24
W16	13 45	28 3	4 52	19 3	0 30	2 56	0 58	8 10	0 58	1 59	1 33	13 40	2 11	20 15	0 11	7 5	1 5	23 47	3 0	4 52	4 28	28 19	17 41	4 24
T 17	13 26	26 12	4 23	18 49	0 41	2 25	0 55	7 55	0 58	1 58	1 33	13 41	2 11	20 15	0 11	7 6	1 5	23 47	3 0	4 54	4 30	28 19	17 41	4 25
F 18	13 6	23 10	3 41	18 32	0 52	1 54	0 53	7 40	0 57	1 56	1 33	13 42	2 11	20 15	0 11	7 7	1 5	23 46	3 1	4 55	4 31	28 18	17 40	4 25
S 19	12 47	19 5	2 49	18 12	1 1	1 23	0 51	7 25	0 57	1 54	1 34	13 44	2 10	20 15	0 11	7 7	1 5	23 46	3 1	4 56	4 32	28 18	17 40	4 25
S 20	12 27	14 9	1 49	17 49	1 10	0 52	0 48	7 10	0 56	1 52	1 34	13 45	2 10	20 15	0 11	7 8	1 5	23 46	3 1	4 57	4 33	28 17	17 40	4 26
M21	12 7	8 34	0 42	17 24	1 18	0 21	0 46	6 55	0 56	1 50	1 34	13 46	2 10	20 16	0 11	7 8	1 5	23 46	3 1	4 58	4 35	28 17	17 40	4 26
T 22	11 47	2 34	0n28	16 57	1 24	0s10	0 43	6 39	0 56	1 48	1 34	13 47	2 10	20 16	0 11	7 9	1 5	23 46	3 1	4 58	4 36	28 16	17 40	4 27
W23	11 27	3n38	1 37	16 26	1 30	0 41	0 40	6 24	0 55	1 46	1 35	13 49	2 9	20 16	0 11	7 10	1 5	23 46	3 1	4 57	4 37	28 16	17 40	4 27
T 24	11 6	9 47	2 43	15 54	1 35	1 12	0 37	6 9	0 55	1 44	1 35	13 50	2 9	20 16	0 11	7 10	1 5	23 45	3 1	4 57	4 38	28 15	17 40	4 28
F 25	10 46	15 36	3 41	15 20	1 39	1 44	0 35	5 54	0 55	1 42	1 35	13 51	2 9	20 16	0 11	7 11	1 5	23 45	3 1	4 56	4 40	28 14	17 39	4 28
S 26	10 25	20 46	4 28	14 43	1 42	2 15	0 32	5 38	0 54	1 40	1 35	13 53	2 9	20 16	0 11	7 12	1 5	23 45	3 1	4 56	4 41	28 14	17 39	4 28
S 27	10 4	24 56	5 0	14 5	1 45	2 46	0 29	5 23	0 54	1 37	1 36	13 54	2 9	20 16	0 11	7 12	1 5	23 45	3 2	4 56	4 42	28 13	17 39	4 29
M28	9 42	27 40	5 15	13 26	1 46	3 17	0 26	5 7	0 53	1 35	1 36	13 55	2 8	20 16	0 11	7 13	1 5	23 45	3 2	4 56	4 43	28 13	17 39	4 29
T 29	9 21	28 39	5 11	12 45	1 47	3 48	0 23	4 52	0 53	1 33	1 36	13 57	2 8	20 17	0 11	7 13	1 5	23 45	3 2	4 56	4 45	28 12	17 39	4 30
W30	9 0	27 41	4 47	12 2	1 47	4 19	0 20	4 36	0 52	1 30	1 36	13 58	2 8	20 17	0 11	7 14	1 5	23 44	3 2	4 57	4 46	28 11	17 38	4 30
T 31	8n38	24n51	4n 5	11n19	1n46	4s50	0n17	4n21	0n52	1n28	1s36	14s 0	2n 8	20n17	0s11	7s15	1s 5	23n44	3n 2	4s57	4s47	28s11	17n38	4s31

Julian Day Number = 2338532.5, Delta T = 8.83 sec
Ecliptic obliquity = 23°28'55, Nutation = 0°00'04
Ayanamsha: Fagan/Bradley = 20°25'16, Lahiri = 19°32'16Greg. Calendar

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SEPTEMBER 1690 GC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
F 1	22 42 11	8♍50'40	11♌21	7♍ 0	14♎ 3	21♍43	7°R17	13♏55	1♊20	14°R 7	27♋11	17°R29	17♓52	6♉47	10♊47
S 2	22 46 8	9°48'55	25°50	8°55	15°15	22°22	7♈11	13°59	1°20	14♓ 6	27°13	17♓28	17°49	6°54	10°48
S 3	22 50 5	10°47'11	10♍ 8	10°50	16°27	23° 0	7° 5	14° 4	1°20	14° 4	27°14	17°27	17°45	7° 1	10°49
M 4	22 54 1	11°45'29	24° 9	12°43	17°38	23°39	6°58	14° 8	1°20	14° 2	27°15	17°D27	17°42	7° 8	10°50
T 5	22 57 58	12°43'49	7♎51	14°35	18°50	24°18	6°51	14°13	1°20	14° 1	27°16	17°28	17°39	7°14	10°51
W 6	23 1 54	13°42'11	21°10	16°27	20° 1	24°57	6°45	14°17	1°R20	13°59	27°18	17°28	17°36	7°21	10°52
T 7	23 5 51	14°40'35	4♏ 8	18°17	21°13	25°35	6°38	14°22	1°20	13°57	27°19	17°28	17°33	7°28	10°53
F 8	23 9 47	15°39'00	16°46	20° 6	22°24	26°14	6°31	14°27	1°20	13°56	27°20	17°29	17°29	7°34	10°53
S 9	23 13 44	16°37'27	29° 6	21°54	23°36	26°53	6°24	14°31	1°20	13°54	27°21	17°29	17°26	7°41	10°54
S 10	23 17 40	17°35'55	11♐13	23°41	24°47	27°32	6°17	14°36	1°20	13°53	27°22	17°29	17°23	7°48	10°55
M11	23 21 37	18°34'25	23°11	25°27	25°58	28°11	6° 9	14°41	1°20	13°51	27°24	17°29	17°20	7°55	10°55
T 12	23 25 33	19°32'57	5♑ 4	27°12	27°10	28°50	6° 2	14°46	1°19	13°49	27°25	17°29	17°17	8° 1	10°56
W13	23 29 30	20°31'30	16°57	28°56	28°21	29°29	5°55	14°51	1°19	13°48	27°26	17°29	17°14	8° 8	10°56
T 14	23 33 27	21°30'06	28°55	0♎39	29°32	0♎ 8	5°47	14°56	1°19	13°46	27°27	17°29	17°10	8°15	10°56
F 15	23 37 23	22°28'42	11♒ 1	2°21	0♏43	0°47	5°39	15° 1	1°18	13°44	27°28	17°30	17° 7	8°21	10°56
S 16	23 41 20	23°27'21	23°18	4° 1	1°54	1°26	5°32	15° 7	1°18	13°43	27°29	17°31	17° 4	8°28	10°57
S 17	23 45 16	24°26'01	5♓49	5°41	3° 5	2° 5	5°24	15°12	1°17	13°41	27°30	17°31	17° 1	8°35	10°R57
M18	23 49 13	25°24'44	18°36	7°20	4°16	2°45	5°16	15°17	1°17	13°39	27°31	17°R31	16°58	8°42	10°57
T 19	23 53 9	26°23'28	1♈38	8°58	5°27	3°24	5° 8	15°23	1°16	13°38	27°32	17°31	16°54	8°48	10°57
W20	23 57 6	27°22'14	14°57	10°35	6°38	4° 3	5° 0	15°28	1°15	13°36	27°33	17°30	16°51	8°55	10°56
T 21	0 1 2	28°21'02	28°30	12°10	7°49	4°42	4°52	15°34	1°15	13°35	27°34	17°29	16°48	9° 2	10°56
F 22	0 4 59	29°19'53	12♉15	13°45	8°59	5°22	4°44	15°39	1°14	13°33	27°35	17°27	16°45	9° 8	10°56
S 23	0 8 56	0♎18'46	26°11	15°20	10°10	6° 1	4°36	15°45	1°13	13°31	27°36	17°26	16°42	9°15	10°55
S 24	0 12 52	1°17'41	10♊14	16°53	11°20	6°40	4°28	15°51	1°12	13°30	27°37	17°25	16°39	9°22	10°55
M25	0 16 49	2°16'38	24°23	18°25	12°31	7°20	4°20	15°57	1°11	13°28	27°37	17°24	16°35	9°29	10°55
T 26	0 20 45	3°15'38	8♋35	19°56	13°41	7°59	4°12	16° 2	1°10	13°27	27°38	17°D24	16°32	9°35	10°54
W27	0 24 42	4°14'40	22°48	21°27	14°52	8°39	4° 4	16° 8	1° 9	13°25	27°39	17°24	16°29	9°42	10°53
T 28	0 28 38	5°13'45	7♌ 0	22°57	16° 2	9°18	3°56	16°14	1° 8	13°24	27°40	17°26	16°26	9°49	10°53
F 29	0 32 35	6°12'52	21° 7	24°26	17°12	9°58	3°48	16°20	1° 7	13°22	27°41	17°27	16°23	9°55	10°52
S 30	0 36 31	7♎12'01	5♍ 8	25♎54	18♏23	10♎37	3♈40	16♏26	1♊ 6	13♓21	27♋41	17♓28	16♓20	10♉ 2	10♊51

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	8n16	20n24	3n 7	10n35	1n45	5s21	0n14	4n 5	0n52	1n25	1s37	14s 1	2n 7	20n17	0s11	7s15	1s 5	23n44	3n 2	4s57	4s48	28s10	17n38	4s31
S 2	7 54	14 46	1 57	9 50	1 43	5 51	0 10	3 49	0 51	1 22	1 37	14 2	2 7	20 17	0 11	7 16	1 5	23 44	3 2	4 58	4 50	28 10	17 38	4 31
S 3	7 32	8 24	0 40	9 4	1 41	6 22	0 7	3 34	0 51	1 20	1 37	14 4	2 7	20 17	0 11	7 17	1 5	23 44	3 2	4 58	4 51	28 9	17 37	4 32
M 4	7 10	1 46	0s37	8 18	1 38	6 52	0 4	3 18	0 50	1 17	1 37	14 5	2 7	20 17	0 11	7 17	1 5	23 44	3 2	4 58	4 52	28 8	17 37	4 32
T 5	6 48	4s49	1 51	7 32	1 35	7 23	0 1	3 2	0 50	1 14	1 37	14 7	2 7	20 17	0 11	7 18	1 5	23 44	3 3	4 58	4 53	28 8	17 37	4 33
W 6	6 25	11 0	2 56	6 45	1 31	7 53	0s 3	2 46	0 50	1 11	1 37	14 9	2 6	20 17	0 11	7 19	1 5	23 43	3 3	4 58	4 55	28 7	17 36	4 33
T 7	6 3	16 32	3 51	5 58	1 27	8 23	0 6	2 30	0 49	1 9	1 38	14 10	2 6	20 17	0 11	7 19	1 5	23 43	3 3	4 57	4 56	28 6	17 36	4 34
F 8	5 40	21 14	4 33	5 11	1 22	8 53	0 9	2 15	0 49	1 6	1 38	14 12	2 6	20 17	0 11	7 20	1 5	23 43	3 3	4 57	4 57	28 5	17 36	4 34
S 9	5 17	24 53	5 1	4 24	1 17	9 23	0 13	1 59	0 48	1 3	1 38	14 13	2 6	20 17	0 11	7 21	1 5	23 43	3 3	4 57	4 58	28 5	17 35	4 34
S 10	4 55	27 22	5 15	3 37	1 12	9 52	0 16	1 43	0 48	1 0	1 38	14 15	2 6	20 17	0 11	7 21	1 5	23 43	3 3	4 57	5 0	28 4	17 35	4 35
M11	4 32	28 33	5 15	2 50	1 7	10 21	0 20	1 27	0 47	0 57	1 38	14 17	2 5	20 17	0 11	7 22	1 5	23 43	3 3	4 57	5 1	28 3	17 35	4 35
T 12	4 9	28 25	5 2	2 3	1 1	10 51	0 23	1 11	0 47	0 54	1 38	14 18	2 5	20 17	0 11	7 23	1 5	23 43	3 3	4 57	5 2	28 3	17 34	4 36
W13	3 46	26 58	4 36	1 16	0 55	11 19	0 27	0 55	0 47	0 51	1 38	14 20	2 5	20 17	0 11	7 23	1 5	23 43	3 4	4 57	5 3	28 2	17 34	4 36
T 14	3 23	24 17	3 58	0 29	0 49	11 48	0 30	0 39	0 46	0 48	1 38	14 22	2 5	20 17	0 11	7 24	1 5	23 43	3 4	4 57	5 5	28 1	17 33	4 37
F 15	2 59	20 31	3 9	0s17	0 42	12 17	0 34	0 23	0 46	0 45	1 39	14 23	2 5	20 16	0 11	7 24	1 5	23 42	3 4	4 57	5 6	28 0	17 33	4 37
S 16	2 36	15 49	2 10	1 3	0 36	12 45	0 38	0 7	0 45	0 41	1 39	14 25	2 4	20 16	0 11	7 25	1 5	23 42	3 4	4 57	5 7	28 0	17 33	4 38
S 17	2 13	10 23	1 4	1 49	0 29	13 13	0 41	0s 9	0 45	0 38	1 39	14 27	2 4	20 16	0 11	7 26	1 5	23 42	3 4	4 56	5 8	27 59	17 32	4 38
M18	1 50	4 26	0n 6	2 34	0 22	13 40	0 45	0 25	0 44	0 35	1 39	14 28	2 4	20 16	0 11	7 26	1 5	23 42	3 4	4 56	5 9	27 58	17 32	4 38
T 19	1 26	1n50	1 17	3 19	0 15	14 7	0 48	0 41	0 44	0 32	1 39	14 30	2 4	20 16	0 11	7 27	1 5	23 42	3 4	4 57	5 11	27 57	17 31	4 39
W20	1 3	8 8	2 26	4 4	0 8	14 34	0 52	0 57	0 44	0 29	1 39	14 32	2 4	20 16	0 11	7 28	1 5	23 42	3 5	4 57	5 12	27 56	17 31	4 39
T 21	0 39	14 11	3 28	4 48	0 1	15 1	0 56	1 13	0 43	0 26	1 39	14 34	2 3	20 16	0 11	7 28	1 5	23 42	3 5	4 57	5 13	27 56	17 30	4 40
F 22	0 16	19 38	4 18	5 32	0s 6	15 27	0 59	1 29	0 43	0 22	1 39	14 35	2 3	20 16	0 11	7 29	1 5	23 42	3 5	4 58	5 14	27 55	17 30	4 40
S 23	0s 7	24 6	4 54	6 15	0 13	15 53	1 3	1 45	0 42	0 19	1 39	14 37	2 3	20 15	0 11	7 29	1 5	23 42	3 5	4 58	5 16	27 54	17 29	4 41
S 24	0 31	27 11	5 13	6 57	0 20	16 19	1 7	2 1	0 42	0 16	1 39	14 39	2 3	20 15	0 11	7 30	1 5	23 42	3 5	4 59	5 17	27 53	17 29	4 41
M25	0 54	28 35	5 13	7 39	0 28	16 44	1 10	2 17	0 41	0 13	1 39	14 41	2 3	20 15	0 11	7 31	1 5	23 42	3 5	4 59	5 18	27 52	17 28	4 42
T 26	1 18	28 6	4 54	8 21	0 35	17 9	1 14	2 33	0 41	0 10	1 39	14 43	2 3	20 15	0 11	7 31	1 5	23 42	3 5	4 59	5 19	27 52	17 28	4 42
W27	1 41	25 47	4 18	9 2	0 42	17 34	1 18	2 49	0 40	0 6	1 39	14 44	2 2	20 15	0 11	7 32	1 5	23 42	3 5	4 59	5 21	27 51	17 27	4 42
T 28	2 5	21 52	3 25	9 42	0 49	17 58	1 21	3 5	0 40	0 3	1 39	14 46	2 2	20 14	0 11	7 32	1 5	23 42	3 6	4 59	5 22	27 50	17 27	4 43
F 29	2 28	16 42	2 20	10 22	0 57	18 21	1 25	3 21	0 39	0s 0	1 39	14 48	2 2	20 14	0 11	7 33	1 5	23 42	3 6	4 58	5 23	27 49	17 26	4 43
S 30	2s52	10n42	1n 8	11s 1	1s 4	18s45	1s28	3s37	0n39	0s 3	1s39	14s50	2n 2	20n14	0s11	7s33	1s 5	23n42	3n 6	4s58	5s24	27s48	17n26	4s44

Julian Day Number = 2338563.5, Delta T = 8.82 sec
Ecliptic obliquity = 23°28'56, Nutation = 0°00'05
Ayanamsha: Fagan/Bradley = 20°25'21, Lahiri = 19°32'21Greg. Calendar

OCTOBER 1690 GC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
S 1	0 40 28	8♎11'12	18♍59	27♎21	19♏33	11♎17	3°R32	16♏32	1°R 5	13°R19	27♋42	17°R28	16♓16	10♑ 9	10°R50
M 2	0 44 25	9°10'25	2♎39	28°47	20°43	11°57	3♈24	16°38	1♊ 4	13♓18	27°43	17♓28	16°13	10°16	10♊49
T 3	0 48 21	10° 9'41	16° 4	0♏12	21°53	12°36	3°16	16°45	1° 2	13°16	27°44	17°26	16°10	10°22	10°48
W 4	0 52 18	11° 8'58	29°13	1°36	23° 3	13°16	3° 8	16°51	1° 1	13°15	27°44	17°23	16° 7	10°29	10°47
T 5	0 56 14	12° 8'18	12♏ 4	3° 0	24°13	13°56	3° 0	16°57	0°59	13°14	27°45	17°19	16° 4	10°36	10°45
F 6	1 0 11	13° 7'39	24°39	4°22	25°22	14°36	2°52	17° 3	0°58	13°12	27°45	17°15	16° 0	10°42	10°44
S 7	1 4 7	14° 7'02	6♐59	5°43	26°32	15°16	2°45	17°10	0°57	13°11	27°46	17°11	15°57	10°49	10°43
S 8	1 8 4	15° 6'28	19° 6	7° 4	27°42	15°56	2°37	17°16	0°55	13°10	27°46	17° 7	15°54	10°56	10°41
M 9	1 12 0	16° 5'55	1♑ 3	8°23	28°51	16°35	2°29	17°23	0°54	13° 8	27°47	17° 5	15°51	11° 2	10°40
T 10	1 15 57	17° 5'24	12°56	9°41	0♐ 1	17°15	2°22	17°29	0°52	13° 7	27°48	17°D 4	15°48	11° 9	10°38
W11	1 19 54	18° 4'54	24°48	10°57	1°10	17°55	2°14	17°36	0°50	13° 6	27°48	17° 4	15°45	11°16	10°36
T 12	1 23 50	19° 4'26	6♒45	12°12	2°19	18°36	2° 7	17°42	0°49	13° 4	27°48	17° 5	15°41	11°23	10°35
F 13	1 27 47	20° 4'01	18°51	13°26	3°29	19°16	2° 0	17°49	0°47	13° 3	27°49	17° 7	15°38	11°29	10°33
S 14	1 31 43	21° 3'36	1♓11	14°38	4°38	19°56	1°52	17°55	0°45	13° 2	27°49	17° 8	15°35	11°36	10°31
S 15	1 35 40	22° 3'14	13°49	15°49	5°46	20°36	1°45	18° 2	0°43	13° 1	27°50	17°R 9	15°32	11°43	10°29
M16	1 39 36	23° 2'53	26°48	16°57	6°55	21°16	1°38	18° 9	0°42	12°59	27°50	17° 9	15°29	11°49	10°27
T 17	1 43 33	24° 2'35	10♈ 8	18° 3	8° 4	21°56	1°31	18°15	0°40	12°58	27°50	17° 7	15°26	11°56	10°25
W18	1 47 29	25° 2'18	23°50	19° 7	9°13	22°37	1°25	18°22	0°38	12°57	27°51	17° 3	15°22	12° 3	10°23
T 19	1 51 26	26° 2'03	7♉50	20° 9	10°21	23°17	1°18	18°29	0°36	12°56	27°51	16°57	15°19	12°10	10°21
F 20	1 55 23	27° 1'51	22° 5	21° 8	11°29	23°57	1°12	18°36	0°34	12°55	27°51	16°51	15°16	12°16	10°19
S 21	1 59 19	28° 1'40	6♊29	22° 3	12°38	24°38	1° 5	18°42	0°32	12°54	27°51	16°45	15°13	12°23	10°16
S 22	2 3 16	29° 1'32	20°55	22°56	13°46	25°18	0°59	18°49	0°30	12°53	27°52	16°39	15°10	12°30	10°14
M23	2 7 12	0♏ 1'26	5♋20	23°44	14°54	25°58	0°53	18°56	0°28	12°52	27°52	16°35	15° 6	12°36	10°12
T 24	2 11 9	1° 1'22	19°38	24°29	16° 2	26°39	0°47	19° 3	0°26	12°51	27°52	16°32	15° 3	12°43	10° 9
W25	2 15 5	2° 1'20	3♌47	25° 8	17° 9	27°20	0°41	19°10	0°24	12°50	27°52	16°D32	15° 0	12°50	10° 7
T 26	2 19 2	3° 1'21	17°45	25°43	18°17	28° 0	0°35	19°17	0°22	12°49	27°52	16°32	14°57	12°57	10° 4
F 27	2 22 58	4° 1'24	1♍32	26°12	19°24	28°41	0°30	19°24	0°19	12°48	27°52	16°34	14°54	13° 3	10° 1
S 28	2 26 55	5° 1'28	15° 8	26°34	20°32	29°21	0°25	19°31	0°17	12°47	27°52	16°R34	14°51	13°10	9°59
S 29	2 30 52	6° 1'35	28°34	26°50	21°39	0♏ 2	0°19	19°38	0°15	12°46	27°R52	16°34	14°47	13°17	9°56
M30	2 34 48	7° 1'44	11♎48	26°R57	22°46	0°43	0°14	19°45	0°13	12°46	27°52	16°31	14°44	13°23	9°53
T 31	2 38 45	8♏ 1'55	24♎51	26♏57	23♐53	1♏24	0♈10	19♏52	0♊11	12♓45	27♋52	16♓25	14♓41	13♑30	9♊50

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	3s15	4n14	0s 8	11s39	1s11	19s 7	1s32	3s53	0n38	0s 6	1s39	14s52	2n 2	20n14	0s11	7s34	1s 5	23n42	3n 6	4s58	5s26	27s47	17n25	4s44
M 2	3 39	2s19	1 23	12 17	1 18	19 30	1 35	4 9	0 38	0 10	1 39	14 54	2 2	20 13	0 11	7 35	1 5	23 42	3 6	4 58	5 27	27 46	17 25	4 45
T 3	4 2	8 39	2 31	12 53	1 25	19 52	1 39	4 25	0 38	0 13	1 39	14 56	2 2	20 13	0 11	7 35	1 5	23 42	3 6	4 59	5 28	27 45	17 24	4 45
W 4	4 25	14 28	3 29	13 30	1 32	20 13	1 42	4 41	0 37	0 16	1 39	14 58	2 1	20 13	0 11	7 36	1 5	23 42	3 7	5 0	5 29	27 44	17 23	4 45
T 5	4 48	19 33	4 16	14 5	1 39	20 34	1 46	4 57	0 37	0 19	1 39	14 59	2 1	20 13	0 11	7 36	1 5	23 42	3 7	5 1	5 30	27 44	17 23	4 46
F 6	5 12	23 38	4 49	14 39	1 46	20 54	1 49	5 13	0 36	0 22	1 39	15 1	2 1	20 12	0 11	7 37	1 5	23 42	3 7	5 3	5 32	27 43	17 22	4 46
S 7	5 35	26 34	5 8	15 13	1 52	21 14	1 53	5 28	0 36	0 25	1 39	15 3	2 1	20 12	0 11	7 37	1 5	23 42	3 7	5 4	5 33	27 42	17 22	4 47
S 8	5 58	28 14	5 13	15 46	1 58	21 34	1 56	5 44	0 35	0 28	1 39	15 5	2 1	20 12	0 11	7 38	1 5	23 42	3 7	5 6	5 34	27 41	17 21	4 47
M 9	6 21	28 32	5 4	16 17	2 5	21 53	1 59	6 0	0 35	0 31	1 39	15 7	2 1	20 11	0 11	7 38	1 5	23 42	3 7	5 7	5 35	27 40	17 20	4 47
T 10	6 43	27 32	4 42	16 48	2 11	22 11	2 3	6 16	0 34	0 34	1 38	15 9	2 1	20 11	0 11	7 39	1 5	23 42	3 7	5 7	5 37	27 39	17 20	4 48
W11	7 6	25 16	4 8	17 18	2 16	22 29	2 6	6 32	0 34	0 37	1 38	15 11	2 0	20 11	0 11	7 39	1 5	23 42	3 8	5 7	5 38	27 38	17 19	4 48
T 12	7 29	21 53	3 23	17 47	2 22	22 46	2 9	6 47	0 33	0 40	1 38	15 13	2 0	20 10	0 11	7 40	1 5	23 42	3 8	5 7	5 39	27 37	17 19	4 49
F 13	7 51	17 33	2 28	18 14	2 27	23 3	2 12	7 3	0 33	0 42	1 38	15 15	2 0	20 10	0 11	7 40	1 5	23 42	3 8	5 6	5 40	27 36	17 18	4 49
S 14	8 14	12 25	1 26	18 41	2 32	23 19	2 15	7 19	0 32	0 45	1 38	15 17	2 0	20 10	0 11	7 41	1 5	23 42	3 8	5 5	5 42	27 35	17 17	4 49
S 15	8 36	6 39	0 18	19 6	2 37	23 34	2 18	7 34	0 32	0 48	1 38	15 19	2 0	20 9	0 11	7 41	1 5	23 42	3 8	5 5	5 43	27 34	17 17	4 50
M16	8 58	0 28	0n52	19 30	2 41	23 49	2 21	7 50	0 31	0 50	1 38	15 21	2 0	20 9	0 11	7 41	1 5	23 42	3 8	5 5	5 44	27 33	17 16	4 50
T 17	9 21	5n53	2 2	19 53	2 45	24 4	2 24	8 5	0 31	0 53	1 38	15 23	2 0	20 9	0 11	7 42	1 5	23 42	3 8	5 6	5 45	27 32	17 15	4 51
W18	9 43	12 9	3 6	20 15	2 49	24 17	2 27	8 21	0 30	0 56	1 37	15 25	2 0	20 8	0 11	7 42	1 5	23 43	3 9	5 7	5 47	27 31	17 15	4 51
T 19	10 4	17 56	4 0	20 34	2 52	24 30	2 30	8 36	0 30	0 58	1 37	15 27	2 0	20 8	0 11	7 43	1 5	23 43	3 9	5 10	5 48	27 30	17 14	4 51
F 20	10 26	22 50	4 41	20 53	2 55	24 43	2 32	8 51	0 29	1 1	1 37	15 29	1 59	20 7	0 11	7 43	1 5	23 43	3 9	5 12	5 49	27 29	17 13	4 52
S 21	10 47	26 25	5 4	21 10	2 57	24 55	2 35	9 7	0 29	1 3	1 37	15 30	1 59	20 7	0 11	7 44	1 5	23 43	3 9	5 15	5 50	27 28	17 13	4 52
S 22	11 9	28 17	5 8	21 25	2 58	25 6	2 37	9 22	0 28	1 5	1 37	15 32	1 59	20 7	0 11	7 44	1 5	23 43	3 9	5 17	5 51	27 27	17 12	4 53
M23	11 30	28 15	4 53	21 38	2 59	25 16	2 40	9 37	0 28	1 8	1 37	15 34	1 59	20 6	0 11	7 44	1 5	23 43	3 9	5 18	5 53	27 26	17 11	4 53
T 24	11 51	26 19	4 19	21 49	2 59	25 26	2 42	9 52	0 27	1 10	1 36	15 36	1 59	20 6	0 11	7 45	1 5	23 43	3 9	5 19	5 54	27 25	17 10	4 53
W25	12 12	22 45	3 30	21 58	2 58	25 35	2 45	10 8	0 27	1 12	1 36	15 38	1 59	20 5	0 11	7 45	1 5	23 43	3 10	5 20	5 55	27 24	17 10	4 54
T 26	12 32	17 54	2 29	22 5	2 57	25 44	2 47	10 23	0 26	1 14	1 36	15 40	1 59	20 5	0 11	7 45	1 5	23 43	3 10	5 19	5 56	27 23	17 9	4 54
F 27	12 53	12 12	1 20	22 9	2 54	25 52	2 49	10 38	0 26	1 16	1 36	15 42	1 59	20 4	0 11	7 46	1 5	23 44	3 10	5 19	5 58	27 21	17 8	4 54
S 28	13 13	5 59	0 8	22 11	2 50	25 59	2 51	10 53	0 25	1 18	1 36	15 44	1 59	20 4	0 11	7 46	1 5	23 44	3 10	5 19	5 59	27 20	17 8	4 55
S 29	13 33	0s24	1s 4	22 10	2 45	26 6	2 53	11 7	0 24	1 20	1 35	15 46	1 59	20 3	0 11	7 46	1 5	23 44	3 10	5 19	6 0	27 19	17 7	4 55
M30	13 53	6 41	2 11	22 5	2 39	26 12	2 55	11 22	0 24	1 22	1 35	15 48	1 59	20 3	0 11	7 47	1 5	23 44	3 10	5 20	6 1	27 18	17 6	4 55
T 31	14s13	12s36	3s11	21s58	2s31	26s17	2s56	11s37	0n23	1s23	1s35	15s50	1n58	20n 2	0s11	7s47	1s 5	23n44	3n11	5s22	6s 2	27s17	17n 6	4s56

Julian Day Number = 2338593.5, Delta T = 8.81 sec
Ecliptic obliquity = 23°28'56, Nutation = 0°00'04
Ayanamsha: Fagan/Bradley = 20°25'25, Lahiri = 19°32'25Greg. Calendar

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SWISS EPHEMERIS for the year 1690

NOVEMBER 1690 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
W 1	2 42 41	9♏ 2'08	7♏42	26°R48	24♐59	2♏ 5	0°R 5	19♏59	0°R 8	12°R44	27°R52	16°R18	14♓38	13♑37	9°R47
T 2	2 46 38	10° 2'22	20°21	26♏29	26° 6	2°45	0♈ 0	20° 6	0♊ 6	12♓43	27♋52	16♓ 8	14°35	13°43	9♊45
F 3	2 50 34	11° 2'39	2♐47	26° 1	27°12	3°26	29♓56	20°13	0° 4	12°43	27°52	15°57	14°31	13°50	9°42
S 4	2 54 31	12° 2'57	15° 2	25°23	28°18	4° 7	29°52	20°20	0° 1	12°42	27°52	15°47	14°28	13°57	9°39
S 5	2 58 27	13° 3'17	27° 6	24°34	29°24	4°48	29°48	20°27	29♉59	12°41	27°51	15°37	14°25	14° 4	9°35
M 6	3 2 24	14° 3'38	9♑ 1	23°37	0♑30	5°29	29°44	20°34	29°56	12°41	27°51	15°29	14°22	14°10	9°32
T 7	3 6 21	15° 4'01	20°52	22°31	1°35	6°10	29°41	20°42	29°54	12°40	27°51	15°23	14°19	14°17	9°29
W 8	3 10 17	16° 4'25	2♒41	21°19	2°40	6°52	29°38	20°49	29°52	12°40	27°51	15°20	14°16	14°24	9°26
T 9	3 14 14	17° 4'50	14°35	20° 1	3°46	7°33	29°34	20°56	29°49	12°39	27°51	15°D19	14°12	14°30	9°23
F 10	3 18 10	18° 5'17	26°38	18°41	4°50	8°14	29°31	21° 3	29°47	12°39	27°50	15°19	14° 9	14°37	9°20
S 11	3 22 7	19° 5'45	8♓56	17°20	5°55	8°55	29°29	21°10	29°44	12°38	27°50	15°R20	14° 6	14°44	9°16
S 12	3 26 3	20° 6'15	21°33	16° 2	6°59	9°36	29°26	21°17	29°42	12°38	27°50	15°20	14° 3	14°51	9°13
M13	3 30 0	21° 6'46	4♈35	14°49	8° 3	10°18	29°24	21°24	29°39	12°38	27°49	15°18	14° 0	14°57	9°10
T 14	3 33 56	22° 7'18	18° 3	13°44	9° 7	10°59	29°22	21°32	29°37	12°37	27°49	15°14	13°57	15° 4	9° 6
W15	3 37 53	23° 7'51	1♉58	12°48	10°11	11°40	29°20	21°39	29°34	12°37	27°48	15° 7	13°53	15°11	9° 3
T 16	3 41 50	24° 8'26	16°18	12° 2	11°14	12°22	29°18	21°46	29°32	12°37	27°48	14°58	13°50	15°17	8°59
F 17	3 45 46	25° 9'02	0♊58	11°27	12°17	13° 3	29°16	21°53	29°29	12°36	27°47	14°47	13°47	15°24	8°56
S 18	3 49 43	26° 9'40	15°50	11° 5	13°19	13°45	29°15	22° 0	29°27	12°36	27°47	14°36	13°44	15°31	8°52
S 19	3 53 39	27°10'20	0♋44	10°D53	14°21	14°26	29°14	22° 7	29°24	12°36	27°46	14°26	13°41	15°37	8°49
M20	3 57 36	28°11'01	15°33	10°53	15°23	15° 8	29°13	22°14	29°22	12°36	27°46	14°18	13°37	15°44	8°45
T 21	4 1 32	29°11'43	0♌ 9	11° 4	16°25	15°50	29°12	22°21	29°19	12°36	27°45	14°13	13°34	15°51	8°42
W22	4 5 29	0♐12'28	14°27	11°24	17°26	16°31	29°12	22°29	29°17	12°36	27°45	14°10	13°31	15°58	8°38
T 23	4 9 25	1°13'13	28°27	11°54	18°27	17°13	29°12	22°36	29°14	12°36	27°44	14°D 9	13°28	16° 4	8°35
F 24	4 13 22	2°14'00	12♍ 7	12°31	19°27	17°55	29°D12	22°43	29°12	12°D36	27°43	14°R 9	13°25	16°11	8°31
S 25	4 17 19	3°14'49	25°29	13°15	20°27	18°37	29°12	22°50	29° 9	12°36	27°43	14° 9	13°22	16°18	8°28
S 26	4 21 15	4°15'39	8♎36	14° 6	21°27	19°19	29°12	22°57	29° 7	12°36	27°42	14° 7	13°18	16°24	8°24
M27	4 25 12	5°16'31	21°31	15° 2	22°26	20° 1	29°13	23° 4	29° 4	12°36	27°41	14° 2	13°15	16°31	8°20
T 28	4 29 8	6°17'24	4♏13	16° 3	23°25	20°42	29°13	23°11	29° 2	12°36	27°41	13°54	13°12	16°38	8°17
W29	4 33 5	7°18'18	16°46	17° 8	24°23	21°24	29°14	23°18	28°59	12°36	27°40	13°43	13° 9	16°44	8°13
T 30	4 37 1	8♐19'14	29♏ 9	18♏17	25♑21	22♏ 6	29♓15	23♏25	28♉57	12♓36	27♋39	13♓30	13♓ 6	16♑51	8♊ 9

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	14s32	17s52	3s59	21s47	2s22	26s21	2s58	11s52	0n23	1s25	1s35	15s52	1n58	20n 2	0s11	7s47	1s 5	23n44	3n11	5s25	6s 4	27s16	17n 5	4s56
T 2	14 51	22 16	4 35	21 32	2 11	26 25	3 0	12 6	0 22	1 26	1 34	15 54	1 58	20 2	0 11	7 47	1 5	23 44	3 11	5 29	6 5	27 15	17 4	4 56
F 3	15 10	25 36	4 57	21 13	1 59	26 28	3 1	12 21	0 22	1 28	1 34	15 56	1 58	20 1	0 11	7 48	1 5	23 45	3 11	5 33	6 6	27 14	17 3	4 56
S 4	15 29	27 41	5 4	20 50	1 45	26 31	3 2	12 35	0 21	1 29	1 34	15 58	1 58	20 1	0 11	7 48	1 4	23 45	3 11	5 37	6 7	27 12	17 3	4 57
S 5	15 47	28 25	4 58	20 23	1 29	26 32	3 4	12 49	0 21	1 31	1 34	16 0	1 58	20 0	0 11	7 48	1 4	23 45	3 11	5 41	6 9	27 11	17 2	4 57
M 6	16 5	27 49	4 39	19 52	1 12	26 33	3 5	13 4	0 20	1 32	1 33	16 2	1 58	20 0	0 11	7 48	1 4	23 45	3 11	5 44	6 10	27 10	17 1	4 57
T 7	16 23	25 57	4 9	19 18	0 53	26 34	3 6	13 18	0 20	1 33	1 33	16 4	1 58	19 59	0 11	7 48	1 4	23 45	3 12	5 46	6 11	27 9	17 0	4 58
W 8	16 41	22 57	3 27	18 40	0 34	26 34	3 6	13 32	0 19	1 34	1 33	16 6	1 58	19 59	0 11	7 49	1 4	23 46	3 12	5 47	6 12	27 8	17 0	4 58
T 9	16 58	18 59	2 36	17 59	0 13	26 33	3 7	13 46	0 19	1 35	1 33	16 7	1 58	19 58	0 11	7 49	1 4	23 46	3 12	5 48	6 14	27 7	16 59	4 58
F 10	17 15	14 12	1 38	17 18	0n 7	26 31	3 8	14 0	0 18	1 36	1 32	16 9	1 58	19 58	0 11	7 49	1 4	23 46	3 12	5 48	6 15	27 5	16 58	4 58
S 11	17 32	8 46	0 34	16 36	0 28	26 29	3 8	14 13	0 17	1 37	1 32	16 11	1 58	19 57	0 11	7 49	1 4	23 46	3 12	5 47	6 16	27 4	16 57	4 59
S 12	17 48	2 51	0n33	15 54	0 48	26 26	3 8	14 27	0 17	1 38	1 32	16 13	1 58	19 56	0 11	7 49	1 4	23 46	3 12	5 47	6 17	27 3	16 57	4 59
M13	18 4	3n22	1 41	15 15	1 6	26 22	3 9	14 41	0 16	1 38	1 32	16 15	1 58	19 56	0 11	7 49	1 4	23 47	3 12	5 48	6 18	27 2	16 56	4 59
T 14	18 20	9 37	2 45	14 40	1 23	26 18	3 9	14 54	0 16	1 39	1 31	16 17	1 58	19 55	0 11	7 49	1 4	23 47	3 13	5 50	6 20	27 0	16 55	4 59
W15	18 35	15 38	3 41	14 8	1 39	26 13	3 8	15 7	0 15	1 40	1 31	16 19	1 58	19 55	0 11	7 50	1 4	23 47	3 13	5 52	6 21	26 59	16 55	5 0
T 16	18 50	20 58	4 25	13 41	1 52	26 8	3 8	15 21	0 15	1 40	1 31	16 21	1 58	19 54	0 11	7 50	1 4	23 47	3 13	5 56	6 22	26 58	16 54	5 0
F 17	19 5	25 10	4 53	13 20	2 4	26 2	3 8	15 34	0 14	1 40	1 31	16 22	1 58	19 54	0 11	7 50	1 4	23 48	3 13	6 0	6 23	26 57	16 53	5 0
S 18	19 20	27 43	5 1	13 4	2 13	25 55	3 7	15 47	0 13	1 41	1 30	16 24	1 58	19 53	0 11	7 50	1 4	23 48	3 13	6 4	6 25	26 56	16 52	5 0
S 19	19 34	28 18	4 49	12 54	2 20	25 48	3 6	16 0	0 13	1 41	1 30	16 26	1 58	19 53	0 11	7 50	1 4	23 48	3 13	6 8	6 26	26 54	16 52	5 0
M20	19 47	26 51	4 18	12 49	2 26	25 40	3 5	16 13	0 12	1 41	1 30	16 28	1 58	19 52	0 11	7 50	1 4	23 48	3 14	6 11	6 27	26 53	16 51	5 1
T 21	20 1	23 35	3 30	12 48	2 30	25 31	3 4	16 25	0 12	1 41	1 29	16 30	1 58	19 52	0 11	7 50	1 4	23 49	3 14	6 14	6 28	26 52	16 50	5 1
W22	20 14	18 55	2 30	12 53	2 32	25 22	3 3	16 38	0 11	1 41	1 29	16 32	1 58	19 51	0 11	7 50	1 4	23 49	3 14	6 15	6 29	26 50	16 50	5 1
T 23	20 26	13 19	1 22	13 1	2 32	25 12	3 2	16 50	0 11	1 41	1 29	16 33	1 58	19 51	0 11	7 50	1 4	23 49	3 14	6 15	6 31	26 49	16 49	5 1
F 24	20 39	7 12	0 11	13 13	2 32	25 2	3 0	17 2	0 10	1 41	1 29	16 35	1 58	19 50	0 11	7 50	1 4	23 49	3 14	6 15	6 32	26 48	16 48	5 1
S 25	20 51	0 53	1s 0	13 27	2 30	24 52	2 58	17 15	0 9	1 40	1 28	16 37	1 58	19 50	0 11	7 50	1 4	23 50	3 14	6 15	6 33	26 46	16 47	5 1
S 26	21 2	5s20	2 5	13 45	2 27	24 40	2 56	17 27	0 9	1 40	1 28	16 39	1 58	19 49	0 11	7 50	1 4	23 50	3 14	6 16	6 34	26 45	16 47	5 2
M27	21 13	11 14	3 3	14 5	2 24	24 28	2 54	17 39	0 8	1 39	1 28	16 41	1 58	19 48	0 11	7 50	1 4	23 50	3 15	6 18	6 36	26 44	16 46	5 2
T 28	21 24	16 34	3 51	14 26	2 20	24 16	2 52	17 50	0 8	1 39	1 27	16 42	1 58	19 48	0 11	7 50	1 4	23 50	3 15	6 21	6 37	26 43	16 45	5 2
W29	21 34	21 8	4 27	14 49	2 15	24 3	2 49	18 2	0 7	1 38	1 27	16 44	1 58	19 47	0 11	7 49	1 4	23 51	3 15	6 25	6 38	26 41	16 45	5 2
T 30	21s44	24s43	4s50	15s14	2n10	23s50	2s47	18s14	0n 6	1s37	1s27	16s46	1n58	19n47	0s11	7s49	1s 4	23n51	3n15	6s30	6s39	26s40	16n44	5s 2

Julian Day Number = 2338624.5, Delta T = 8.79 sec
Ecliptic obliquity = 23°28'55, Nutation = 0°00'03
Ayanamsha: Fagan/Bradley = 20°25'29, Lahiri = 19°32'29Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.12.2016]

DECEMBER 1690 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷
F 1	4 40 58	9♐20'10	11♐23	19♏29	26♑18	22♏49	29♓17	23♏32	28°R54	12♓37	27°R38	13°R15	13♓ 3	16♑58	8°R 6
S 2	4 44 54	10°21'08	23°29	20°44	27°15	23°31	29°18	23°39	28♉52	12°37	27♋37	13♓ 0	12°59	17° 5	8♊ 2
S 3	4 48 51	11°22'07	5♑27	22° 1	28°11	24°13	29°20	23°46	28°49	12°37	27°37	12°46	12°56	17°11	7°59
M 4	4 52 48	12°23'06	17°20	23°20	29° 7	24°55	29°22	23°53	28°47	12°38	27°36	12°35	12°53	17°18	7°55
T 5	4 56 44	13°24'06	29° 8	24°40	0♒ 2	25°37	29°24	24° 0	28°44	12°38	27°35	12°26	12°50	17°25	7°51
W 6	5 0 41	14°25'07	10♒56	26° 3	0°57	26°20	29°27	24° 7	28°42	12°38	27°34	12°20	12°47	17°31	7°48
T 7	5 4 37	15°26'09	22°48	27°26	1°51	27° 2	29°29	24°13	28°40	12°39	27°33	12°16	12°43	17°38	7°44
F 8	5 8 34	16°27'11	4♓48	28°51	2°44	27°44	29°32	24°20	28°37	12°39	27°32	12°15	12°40	17°45	7°41
S 9	5 12 30	17°28'13	17° 1	0♐17	3°36	28°27	29°35	24°27	28°35	12°40	27°31	12°15	12°37	17°51	7°37
S 10	5 16 27	18°29'16	29°33	1°43	4°28	29° 9	29°38	24°34	28°32	12°40	27°30	12°15	12°34	17°58	7°33
M11	5 20 23	19°30'19	12♈29	3°10	5°19	29°52	29°42	24°40	28°30	12°41	27°29	12°13	12°31	18° 5	7°30
T 12	5 24 20	20°31'23	25°53	4°38	6° 9	0♐34	29°45	24°47	28°28	12°42	27°28	12° 9	12°28	18°12	7°26
W13	5 28 17	21°32'27	9♉48	6° 7	6°59	1°17	29°49	24°54	28°26	12°42	27°27	12° 3	12°24	18°18	7°23
T 14	5 32 13	22°33'32	24°12	7°36	7°47	1°59	29°53	25° 0	28°23	12°43	27°26	11°53	12°21	18°25	7°19
F 15	5 36 10	23°34'37	9♊ 2	9° 5	8°35	2°42	29°57	25° 7	28°21	12°44	27°25	11°42	12°18	18°32	7°16
S 16	5 40 6	24°35'42	24° 9	10°35	9°22	3°25	0♈ 2	25°14	28°19	12°44	27°24	11°31	12°15	18°38	7°13
S 17	5 44 3	25°36'48	9♋25	12° 5	10° 7	4° 7	0° 6	25°20	28°17	12°45	27°23	11°20	12°12	18°45	7° 9
M18	5 47 59	26°37'55	24°36	13°35	10°52	4°50	0°11	25°27	28°15	12°46	27°22	11°11	12° 9	18°52	7° 6
T 19	5 51 56	27°39'02	9♌34	15° 6	11°36	5°33	0°16	25°33	28°13	12°47	27°21	11° 5	12° 5	18°58	7° 2
W20	5 55 53	28°40'10	24°11	16°37	12°18	6°16	0°21	25°39	28°10	12°48	27°19	11° 2	12° 2	19° 5	6°59
T 21	5 59 49	29°41'18	8♍23	18° 9	13° 0	6°59	0°26	25°46	28° 8	12°49	27°18	11°D 1	11°59	19°12	6°56
F 22	6 3 46	0♑42'26	22°10	19°41	13°40	7°42	0°32	25°52	28° 6	12°50	27°17	11° 1	11°56	19°19	6°53
S 23	6 7 42	1°43'36	5♎33	21°13	14°19	8°25	0°38	25°58	28° 4	12°51	27°16	11°R 1	11°53	19°25	6°49
S 24	6 11 39	2°44'45	18°35	22°45	14°57	9° 8	0°43	26° 5	28° 2	12°52	27°15	11° 0	11°49	19°32	6°46
M25	6 15 35	3°45'56	1♏19	24°18	15°34	9°51	0°49	26°11	28° 0	12°53	27°14	10°57	11°46	19°39	6°43
T 26	6 19 32	4°47'06	13°49	25°51	16° 9	10°34	0°56	26°17	27°59	12°54	27°12	10°50	11°43	19°45	6°40
W27	6 23 28	5°48'17	26° 7	27°24	16°43	11°17	1° 2	26°23	27°57	12°55	27°11	10°41	11°40	19°52	6°37
T 28	6 27 25	6°49'29	8♐17	28°58	17°15	12° 0	1° 8	26°29	27°55	12°56	27°10	10°30	11°37	19°59	6°34
F 29	6 31 22	7°50'40	20°20	0♑32	17°46	12°43	1°15	26°35	27°53	12°57	27° 9	10°18	11°34	20° 5	6°31
S 30	6 35 18	8°51'52	2♑17	2° 6	18°15	13°27	1°22	26°41	27°51	12°58	27° 7	10° 5	11°30	20°12	6°28
S 31	6 39 15	9♑53'03	14♑10	3♑40	18♒42	14♐10	1♈29	26♏47	27♉50	13♓ 0	27♋ 6	9♓53	11♓27	20♑19	6♊25

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	21s53	27s 7	4s59	15s39	2n 4	23s36	2s44	18s25	0n 6	1s37	1s27	16s47	1n58	19n46	0s11	7s49	1s 4	23n51	3n15	6s36	6s40	26s38	16n43	5s 2
S 2	22 2	28 13	4 54	16 5	1 58	23 22	2 41	18 36	0 5	1 36	1 26	16 49	1 58	19 46	0 11	7 49	1 4	23 52	3 15	6 41	6 42	26 37	16 43	5 2
S 3	22 11	27 58	4 37	16 31	1 51	23 8	2 37	18 47	0 5	1 35	1 26	16 51	1 58	19 45	0 11	7 49	1 4	23 52	3 15	6 47	6 43	26 36	16 42	5 2
M 4	22 19	26 26	4 7	16 57	1 44	22 52	2 34	18 58	0 4	1 34	1 26	16 53	1 58	19 45	0 11	7 49	1 4	23 52	3 15	6 51	6 44	26 34	16 41	5 2
T 5	22 27	23 44	3 27	17 24	1 37	22 37	2 30	19 9	0 3	1 32	1 25	16 54	1 58	19 44	0 11	7 49	1 4	23 53	3 16	6 55	6 45	26 33	16 41	5 3
W 6	22 34	20 2	2 37	17 50	1 30	22 21	2 26	19 19	0 3	1 31	1 25	16 56	1 58	19 44	0 11	7 48	1 4	23 53	3 16	6 57	6 47	26 32	16 40	5 3
T 7	22 41	15 32	1 41	18 17	1 23	22 5	2 22	19 30	0 2	1 30	1 25	16 58	1 58	19 43	0 11	7 48	1 4	23 53	3 16	6 58	6 48	26 30	16 40	5 3
F 8	22 47	10 23	0 39	18 43	1 15	21 49	2 17	19 40	0 1	1 29	1 24	16 59	1 58	19 43	0 11	7 48	1 4	23 53	3 16	6 58	6 49	26 29	16 39	5 3
S 9	22 53	4 45	0n25	19 8	1 8	21 32	2 12	19 50	0 1	1 27	1 24	17 1	1 58	19 42	0 11	7 48	1 4	23 54	3 16	6 59	6 50	26 27	16 38	5 3
S 10	22 59	1n12	1 30	19 33	1 1	21 14	2 8	20 0	0 0	1 26	1 24	17 2	1 58	19 42	0 11	7 48	1 4	23 54	3 16	6 59	6 51	26 26	16 38	5 3
M11	23 4	7 17	2 33	19 58	0 53	20 57	2 2	20 10	0s 0	1 24	1 24	17 4	1 58	19 41	0 11	7 47	1 3	23 54	3 16	6 59	6 53	26 25	16 37	5 3
T 12	23 9	13 15	3 29	20 22	0 45	20 39	1 57	20 19	0 1	1 22	1 23	17 6	1 58	19 41	0 11	7 47	1 3	23 55	3 16	7 1	6 54	26 23	16 37	5 3
W13	23 13	18 48	4 15	20 45	0 38	20 21	1 51	20 29	0 2	1 20	1 23	17 7	1 58	19 40	0 11	7 47	1 3	23 55	3 17	7 3	6 55	26 22	16 36	5 3
T 14	23 16	23 29	4 47	21 7	0 30	20 3	1 45	20 38	0 2	1 19	1 23	17 9	1 58	19 40	0 11	7 46	1 3	23 55	3 17	7 7	6 56	26 20	16 35	5 3
F 15	23 20	26 47	5 0	21 28	0 23	19 45	1 39	20 47	0 3	1 17	1 22	17 10	1 58	19 39	0 11	7 46	1 3	23 56	3 17	7 11	6 57	26 19	16 35	5 3
S 16	23 22	28 14	4 53	21 49	0 16	19 26	1 33	20 56	0 4	1 15	1 22	17 12	1 58	19 39	0 11	7 46	1 3	23 56	3 17	7 16	6 59	26 17	16 34	5 3
S 17	23 25	27 34	4 26	22 9	0 8	19 7	1 26	21 5	0 4	1 13	1 22	17 13	1 58	19 38	0 11	7 46	1 3	23 56	3 17	7 20	7 0	26 16	16 34	5 3
M18	23 26	24 50	3 39	22 27	0 1	18 48	1 19	21 13	0 5	1 10	1 22	17 15	1 58	19 38	0 11	7 45	1 3	23 57	3 17	7 23	7 1	26 14	16 33	5 3
T 19	23 28	20 26	2 38	22 45	0s 6	18 29	1 12	21 21	0 5	1 8	1 21	17 16	1 58	19 37	0 11	7 45	1 3	23 57	3 17	7 25	7 2	26 13	16 33	5 3
W20	23 29	14 52	1 28	23 1	0 13	18 10	1 4	21 30	0 6	1 6	1 21	17 18	1 58	19 37	0 11	7 44	1 3	23 57	3 17	7 27	7 4	26 11	16 32	5 3
T 21	23 29	8 39	0 14	23 17	0 20	17 51	0 56	21 37	0 7	1 4	1 21	17 19	1 58	19 36	0 11	7 44	1 3	23 58	3 18	7 27	7 5	26 10	16 32	5 3
F 22	23 29	2 13	0s59	23 31	0 27	17 31	0 48	21 45	0 7	1 1	1 20	17 20	1 58	19 36	0 11	7 44	1 3	23 58	3 18	7 27	7 6	26 8	16 31	5 3
S 23	23 28	4s 8	2 6	23 45	0 33	17 12	0 40	21 53	0 8	0 59	1 20	17 22	1 58	19 36	0 11	7 43	1 3	23 58	3 18	7 27	7 7	26 7	16 31	5 3
S 24	23 27	10 9	3 5	23 57	0 40	16 53	0 31	22 0	0 9	0 56	1 20	17 23	1 59	19 35	0 11	7 43	1 3	23 59	3 18	7 27	7 8	26 5	16 30	5 2
M25	23 26	15 36	3 54	24 8	0 46	16 33	0 22	22 7	0 9	0 53	1 20	17 25	1 59	19 35	0 11	7 42	1 3	23 59	3 18	7 29	7 10	26 4	16 30	5 2
T 26	23 24	20 18	4 30	24 17	0 52	16 14	0 13	22 14	0 10	0 51	1 19	17 26	1 59	19 34	0 11	7 42	1 3	23 59	3 18	7 31	7 11	26 2	16 30	5 2
W27	23 21	24 4	4 53	24 26	0 58	15 54	0 3	22 21	0 11	0 48	1 19	17 27	1 59	19 34	0 11	7 42	1 3	24 0	3 18	7 34	7 12	26 1	16 29	5 2
T 28	23 18	26 42	5 2	24 33	1 4	15 35	0n 7	22 27	0 11	0 45	1 19	17 29	1 59	19 34	0 11	7 41	1 3	24 0	3 18	7 39	7 13	25 59	16 29	5 2
F 29	23 15	28 5	4 58	24 38	1 10	15 16	0 17	22 34	0 12	0 42	1 19	17 30	1 59	19 33	0 11	7 41	1 3	24 1	3 18	7 43	7 14	25 58	16 28	5 2
S 30	23 11	28 8	4 41	24 43	1 15	14 57	0 27	22 40	0 13	0 39	1 18	17 31	1 59	19 33	0 11	7 40	1 3	24 1	3 18	7 48	7 16	25 56	16 28	5 2
S 31	23s 7	26s53	4s11	24s46	1s20	14s38	0n38	22s46	0s13	0s36	1s18	17s32	1n59	19n32	0s11	7s40	1s 3	24n 1	3n19	7s53	7s17	25s54	16n28	5s 2

Julian Day Number = 2338654.5, Delta T = 8.77 sec
Ecliptic obliquity = 23°28'54, Nutation = 0°00'04
Ayanamsha: Fagan/Bradley = 20°25'33, Lahiri = 19°32'33Greg. Calendar

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