Astrodienst Ephemeris Tables

for the year 1598

tropical geocentric zodiac

contains Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, True Node, Moon's Node, Lilith, Chiron

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

Astrodienst AG, Dammstr. 23, CH-8702 Zollikon / Zürich, www.astro.com / order@astro.com

ASTRODIENST EPHEMERIS for the year 1598
geocentric

JANUARY 1598 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 19	10♑28'34	13♎ 7	24♐43	19♒41	29°R25	7°R49	3♎49	19♈ 7	23°R13	19°R18	8°R45	10♓ 9	16♋12	7°R51	T 1
F 2	6 45 16	11°29'45	26°17	26°12	20°53	29♊ 4	7♊43	3°50	19° 7	23♌12	19♈18	8♓44	10° 6	16°19	7♋46	F 2
S 3	6 49 12	12°30'55	9♏56	27°41	22° 5	28°43	7°38	3°51	19° 7	23°11	19°D18	8°41	10° 3	16°25	7°42	S 3
S 4	6 53 9	13°32'06	24° 5	29°11	23°17	28°22	7°33	3°52	19° 7	23°10	19°18	8°35	9°59	16°32	7°38	S 4
M 5	6 57 6	14°33'17	8♐42	0♑42	24°29	28° 2	7°27	3°53	19° 8	23° 9	19°18	8°28	9°56	16°39	7°34	M 5
T 6	7 1 2	15°34'28	23°43	2°13	25°41	27°43	7°22	3°54	19° 8	23° 7	19°18	8°19	9°53	16°45	7°30	T 6
W 7	7 4 59	16°35'38	8♑58	3°44	26°53	27°24	7°18	3°55	19° 9	23° 6	19°18	8°11	9°50	16°52	7°25	W 7
T 8	7 8 55	17°36'48	24°18	5°16	28° 5	27° 6	7°13	3°55	19° 9	23° 5	19°18	8° 4	9°47	16°59	7°21	T 8
F 9	7 12 52	18°37'58	9♒31	6°49	29°16	26°48	7° 9	3°56	19°10	23° 4	19°18	7°58	9°44	17° 6	7°17	F 9
S 10	7 16 48	19°39'07	24°26	8°22	0♓28	26°32	7° 4	3°56	19°11	23° 2	19°18	7°55	9°40	17°12	7°13	S 10
S 11	7 20 45	20°40'15	8♓58	9°56	1°39	26°16	7° 0	3°56	19°11	23° 1	19°19	7°D55	9°37	17°19	7° 9	S 11
M12	7 24 41	21°41'22	23° 2	11°30	2°50	26° 0	6°56	3°57	19°12	23° 0	19°19	7°55	9°34	17°26	7° 5	M12
T 13	7 28 38	22°42'29	6♈39	13° 4	4° 2	25°46	6°53	3°R57	19°13	22°58	19°19	7°57	9°31	17°32	7° 1	T 13
W14	7 32 35	23°43'34	19°50	14°39	5°13	25°32	6°49	3°57	19°14	22°57	19°19	7°R58	9°28	17°39	6°57	W14
T 15	7 36 31	24°44'39	2♉38	16°15	6°24	25°19	6°46	3°56	19°15	22°55	19°19	7°57	9°24	17°46	6°53	T 15
F 16	7 40 28	25°45'42	15° 8	17°51	7°34	25° 7	6°43	3°56	19°15	22°54	19°20	7°55	9°21	17°52	6°49	F 16
S 17	7 44 24	26°46'45	27°24	19°28	8°45	24°56	6°40	3°56	19°16	22°52	19°20	7°51	9°18	17°59	6°45	S 17
S 18	7 48 21	27°47'47	9♊29	21° 5	9°56	24°45	6°37	3°55	19°18	22°51	19°20	7°45	9°15	18° 6	6°41	S 18
M19	7 52 17	28°48'48	21°26	22°43	11° 6	24°35	6°35	3°55	19°19	22°49	19°21	7°38	9°12	18°12	6°38	M19
T 20	7 56 14	29°49'47	3♋20	24°22	12°17	24°26	6°32	3°54	19°20	22°48	19°21	7°31	9° 9	18°19	6°34	T 20
W21	8 0 10	0♒50'46	15°11	26° 1	13°27	24°18	6°30	3°53	19°21	22°46	19°21	7°24	9° 5	18°26	6°30	W21
T 22	8 4 7	1°51'44	27° 1	27°41	14°37	24°11	6°28	3°52	19°22	22°45	19°22	7°17	9° 2	18°33	6°26	T 22
F 23	8 8 4	2°52'41	8♌53	29°22	15°47	24° 4	6°26	3°51	19°23	22°43	19°22	7°12	8°59	18°39	6°23	F 23
S 24	8 12 0	3°53'36	20°49	1♒ 3	16°57	23°59	6°25	3°50	19°25	22°42	19°23	7° 9	8°56	18°46	6°19	S 24
S 25	8 15 57	4°54'31	2♍49	2°45	18° 6	23°54	6°24	3°49	19°26	22°40	19°23	7°D 8	8°53	18°53	6°16	S 25
M26	8 19 53	5°55'25	14°57	4°27	19°16	23°50	6°22	3°48	19°28	22°39	19°24	7° 8	8°50	18°59	6°12	M26
T 27	8 23 50	6°56'18	27°14	6°11	20°25	23°46	6°22	3°46	19°29	22°37	19°24	7° 9	8°46	19° 6	6° 9	T 27
W28	8 27 46	7°57'10	9♎45	7°55	21°34	23°44	6°21	3°45	19°31	22°35	19°25	7°11	8°43	19°13	6° 5	W28
T 29	8 31 43	8°58'01	22°33	9°39	22°43	23°42	6°20	3°43	19°32	22°34	19°25	7°13	8°40	19°19	6° 2	T 29
F 30	8 35 39	9°58'51	5♏41	11°25	23°52	23°41	6°20	3°41	19°34	22°32	19°26	7°R13	8°37	19°26	5°59	F 30
S 31	8 39 36	10♒59'41	19♏12	13♒11	25♓ 1	23°D41	6°D20	3♎39	19♈36	22♌31	19♈27	7♓13	8♓34	19♋33	5♋56	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 5	7s51	2s53	23s37	0s14	16s37	1s46	27n 7	3n37	21n 4	0s37	0n39	2n22	6n57	0s36	14n15	0n28	8s18	17s 9	8s18	7s47	26n38	16n 0	7s16
F 2	23 0	13 41	3 46	23 47	0 21	16 12	1 44	27 7	3 38	21 3	0 36	0 38	2 22	6 57	0 36	14 15	0 28	8 18	17 8	8 19	7 48	26 37	16 0	7 16
S 3	22 54	19 4	4 29	23 56	0 28	15 47	1 42	27 7	3 38	21 2	0 36	0 38	2 22	6 57	0 36	14 16	0 28	8 18	17 8	8 20	7 49	26 36	16 0	7 16
S 4	22 48	23 37	4 56	24 4	0 35	15 22	1 40	27 8	3 39	21 2	0 36	0 38	2 22	6 57	0 36	14 16	0 28	8 17	17 7	8 22	7 50	26 34	16 1	7 16
M 5	22 42	26 50	5 6	24 11	0 41	14 56	1 39	27 8	3 39	21 1	0 36	0 38	2 23	6 57	0 36	14 17	0 28	8 17	17 7	8 25	7 52	26 33	16 1	7 16
T 6	22 35	28 15	4 55	24 16	0 48	14 30	1 37	27 8	3 39	21 0	0 36	0 38	2 23	6 58	0 36	14 17	0 28	8 17	17 7	8 28	7 53	26 32	16 1	7 16
W 7	22 28	27 34	4 23	24 21	0 54	14 4	1 35	27 8	3 40	21 0	0 35	0 38	2 23	6 58	0 36	14 17	0 28	8 16	17 6	8 31	7 54	26 30	16 1	7 16
T 8	22 20	24 47	3 33	24 23	1 0	13 37	1 32	27 7	3 40	20 59	0 35	0 38	2 24	6 58	0 35	14 18	0 28	8 16	17 6	8 34	7 55	26 29	16 2	7 16
F 9	22 12	20 16	2 27	24 25	1 6	13 10	1 30	27 7	3 40	20 59	0 35	0 38	2 24	6 58	0 35	14 18	0 28	8 15	17 6	8 36	7 56	26 27	16 2	7 16
S 10	22 3	14 32	1 12	24 25	1 12	12 42	1 28	27 6	3 40	20 58	0 35	0 38	2 24	6 59	0 35	14 19	0 28	8 15	17 5	8 37	7 58	26 26	16 2	7 16
S 11	21 54	8 8	0n 6	24 24	1 17	12 14	1 25	27 6	3 39	20 58	0 34	0 38	2 24	6 59	0 35	14 19	0 28	8 15	17 5	8 37	7 59	26 25	16 3	7 16
M12	21 45	1 32	1 21	24 21	1 22	11 46	1 23	27 5	3 39	20 57	0 34	0 39	2 25	6 59	0 35	14 20	0 28	8 14	17 5	8 37	8 0	26 23	16 3	7 16
T 13	21 35	4n55	2 29	24 18	1 27	11 18	1 20	27 4	3 39	20 57	0 34	0 39	2 25	7 0	0 35	14 20	0 28	8 14	17 4	8 37	8 1	26 22	16 3	7 16
W14	21 24	10 58	3 27	24 12	1 32	10 49	1 17	27 4	3 39	20 57	0 34	0 39	2 25	7 0	0 35	14 21	0 28	8 13	17 4	8 36	8 2	26 20	16 4	7 16
T 15	21 14	16 22	4 13	24 5	1 36	10 20	1 14	27 3	3 38	20 56	0 34	0 39	2 26	7 0	0 35	14 21	0 28	8 13	17 3	8 36	8 4	26 19	16 4	7 16
F 16	21 2	20 57	4 46	23 57	1 40	9 51	1 11	27 2	3 38	20 56	0 33	0 40	2 26	7 1	0 35	14 22	0 28	8 12	17 3	8 37	8 5	26 17	16 4	7 15
S 17	20 51	24 33	5 4	23 48	1 44	9 22	1 8	27 1	3 37	20 56	0 33	0 40	2 26	7 1	0 35	14 22	0 28	8 12	17 3	8 39	8 6	26 16	16 5	7 15
S 18	20 39	27 1	5 9	23 36	1 48	8 52	1 5	27 0	3 37	20 55	0 33	0 41	2 26	7 2	0 35	14 23	0 28	8 12	17 2	8 41	8 7	26 15	16 5	7 15
M19	20 27	28 13	5 1	23 24	1 51	8 23	1 2	26 59	3 36	20 55	0 33	0 41	2 27	7 2	0 35	14 23	0 28	8 11	17 2	8 43	8 8	26 13	16 5	7 15
T 20	20 14	28 6	4 39	23 10	1 54	7 53	0 59	26 58	3 35	20 55	0 33	0 42	2 27	7 3	0 35	14 24	0 28	8 11	17 2	8 46	8 10	26 12	16 6	7 15
W21	20 1	26 41	4 5	22 54	1 56	7 22	0 55	26 57	3 35	20 55	0 32	0 42	2 27	7 3	0 35	14 24	0 28	8 10	17 1	8 49	8 11	26 10	16 6	7 14
T 22	19 47	24 5	3 21	22 37	1 59	6 52	0 52	26 55	3 34	20 55	0 32	0 43	2 28	7 4	0 35	14 25	0 28	8 10	17 1	8 51	8 12	26 9	16 6	7 14
F 23	19 34	20 27	2 28	22 18	2 1	6 22	0 48	26 54	3 33	20 55	0 32	0 44	2 28	7 4	0 35	14 25	0 28	8 9	17 1	8 53	8 13	26 7	16 7	7 14
S 24	19 19	15 59	1 28	21 57	2 2	5 51	0 45	26 53	3 32	20 55	0 32	0 44	2 28	7 5	0 35	14 26	0 28	8 9	17 0	8 54	8 14	26 6	16 7	7 14
S 25	19 5	10 52	0 24	21 35	2 3	5 21	0 41	26 52	3 31	20 55	0 31	0 45	2 28	7 5	0 35	14 26	0 28	8 8	17 0	8 55	8 16	26 4	16 8	7 13
M26	18 50	5 17	0s43	21 12	2 4	4 50	0 37	26 51	3 30	20 55	0 31	0 46	2 29	7 6	0 35	14 27	0 28	8 8	16 59	8 55	8 17	26 3	16 8	7 13
T 27	18 35	0s33	1 48	20 47	2 4	4 19	0 33	26 50	3 29	20 55	0 31	0 47	2 29	7 6	0 35	14 27	0 29	8 7	16 59	8 54	8 18	26 1	16 9	7 13
W28	18 19	6 28	2 49	20 20	2 4	3 48	0 29	26 49	3 28	20 55	0 31	0 47	2 29	7 7	0 35	14 28	0 29	8 7	16 59	8 54	8 19	25 59	16 9	7 13
T 29	18 3	12 15	3 44	19 52	2 4	3 17	0 25	26 48	3 27	20 55	0 31	0 48	2 30	7 8	0 35	14 28	0 29	8 6	16 58	8 53	8 20	25 58	16 9	7 12
F 30	17 47	17 39	4 28	19 22	2 3	2 46	0 21	26 47	3 26	20 55	0 30	0 49	2 30	7 8	0 35	14 29	0 29	8 6	16 58	8 53	8 22	25 56	16 10	7 12
S 31	17s31	22s21	4s59	18s50	2s 1	2s15	0s17	26n45	3n25	20n55	0s30	0n50	2n30	7n 9	0s35	14n30	0n29	8s 5	16s58	8s53	8s23	25n55	16n10	7s12

Julian Day Number = 2304717.5, Delta T = 91.52 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'48, Lahiri = 18°14'48Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1598
geocentric

FEBRUARY 1598 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 33	12♒ 0'29	3♐ 7	14♒58	26♓ 9	23♊41	6♊20	3°R37	19♈37	22°R29	19♈27	7°R12	8♓30	19♋39	5°R53	S 1
M 2	8 47 29	13° 1'17	17°28	16°45	27°17	23°42	6°20	3♎35	19°39	22♌27	19°28	7♓ 9	8°27	19°46	5♋50	M 2
T 3	8 51 26	14° 2'04	2♑10	18°33	28°26	23°44	6°21	3°33	19°41	22°26	19°29	7° 6	8°24	19°53	5°47	T 3
W 4	8 55 22	15° 2'49	17° 9	20°22	29°33	23°47	6°22	3°31	19°43	22°24	19°29	7° 3	8°21	20° 0	5°44	W 4
T 5	8 59 19	16° 3'34	2♒17	22°11	0♈41	23°50	6°22	3°29	19°45	22°22	19°30	7° 0	8°18	20° 6	5°41	T 5
F 6	9 3 15	17° 4'17	17°23	24° 0	1°49	23°54	6°24	3°26	19°47	22°21	19°31	6°58	8°15	20°13	5°38	F 6
S 7	9 7 12	18° 4'58	2♓20	25°50	2°56	23°59	6°25	3°24	19°49	22°19	19°31	6°D58	8°11	20°20	5°36	S 7
S 8	9 11 9	19° 5'38	16°58	27°40	4° 3	24° 5	6°26	3°21	19°51	22°17	19°32	6°58	8° 8	20°26	5°33	S 8
M 9	9 15 5	20° 6'16	1♈13	29°29	5°10	24°11	6°28	3°18	19°53	22°16	19°33	6°59	8° 5	20°33	5°30	M 9
T 10	9 19 2	21° 6'53	15° 0	1♓19	6°17	24°18	6°30	3°16	19°55	22°14	19°34	7° 0	8° 2	20°40	5°28	T 10
W11	9 22 58	22° 7'28	28°21	3° 8	7°23	24°25	6°32	3°13	19°57	22°12	19°35	7° 1	7°59	20°46	5°26	W11
T 12	9 26 55	23° 8'01	11♉17	4°57	8°29	24°33	6°34	3°10	19°59	22°11	19°35	7° 2	7°55	20°53	5°23	T 12
F 13	9 30 51	24° 8'32	23°52	6°45	9°35	24°42	6°37	3° 7	20° 1	22° 9	19°36	7°R 2	7°52	21° 0	5°21	F 13
S 14	9 34 48	25° 9'01	6♊ 8	8°31	10°41	24°51	6°40	3° 4	20° 4	22° 7	19°37	7° 2	7°49	21° 6	5°19	S 14
S 15	9 38 44	26° 9'29	18°12	10°16	11°46	25° 1	6°43	3° 0	20° 6	22° 5	19°38	7° 1	7°46	21°13	5°17	S 15
M16	9 42 41	27° 9'55	0♋ 7	11°58	12°52	25°12	6°46	2°57	20° 8	22° 4	19°39	7° 0	7°43	21°20	5°15	M16
T 17	9 46 38	28°10'18	11°58	13°38	13°56	25°23	6°49	2°54	20°11	22° 2	19°40	6°59	7°40	21°26	5°13	T 17
W18	9 50 34	29°10'40	23°47	15°15	15° 1	25°35	6°52	2°50	20°13	22° 0	19°41	6°58	7°36	21°33	5°11	W18
T 19	9 54 31	0♓11'00	5♌39	16°48	16° 5	25°47	6°56	2°47	20°16	21°59	19°42	6°57	7°33	21°40	5°10	T 19
F 20	9 58 27	1°11'19	17°36	18°17	17° 9	25°59	7° 0	2°43	20°18	21°57	19°43	6°56	7°30	21°47	5° 8	F 20
S 21	10 2 24	2°11'35	29°39	19°41	18°13	26°13	7° 4	2°40	20°21	21°55	19°44	6°56	7°27	21°53	5° 6	S 21
S 22	10 6 20	3°11'49	11♍51	21° 0	19°16	26°26	7° 8	2°36	20°23	21°54	19°45	6°D56	7°24	22° 0	5° 5	S 22
M23	10 10 17	4°12'02	24°14	22°12	20°19	26°41	7°12	2°32	20°26	21°52	19°46	6°56	7°21	22° 7	5° 4	M23
T 24	10 14 13	5°12'13	6♎48	23°18	21°22	26°55	7°17	2°28	20°28	21°51	19°47	6°56	7°17	22°13	5° 2	T 24
W25	10 18 10	6°12'22	19°35	24°17	22°24	27°10	7°22	2°24	20°31	21°49	19°48	6°56	7°14	22°20	5° 1	W25
T 26	10 22 6	7°12'30	2♏36	25° 7	23°26	27°26	7°26	2°20	20°34	21°47	19°49	6°R56	7°11	22°27	5° 0	T 26
F 27	10 26 3	8°12'36	15°52	25°50	24°27	27°42	7°32	2°16	20°36	21°46	19°50	6°56	7° 8	22°33	4°59	F 27
S 28	10 30 0	9♓12'41	29♏25	26♓24	25♈28	27♊59	7♊37	2♎12	20♈39	21♌44	19♈51	6♓56	7♓ 5	22♋40	4♋58	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s14	25s57	5s14	18s17	1s59	1s43	0s12	26n44	3n24	20n55	0s30	0n51	2n30	7n10	0s35	14n30	0n29	8s 5	16s57	8s53	8s24	25n53	16n11	7s11
M 2	16 57	28 2	5 9	17 43	1 57	1 12	0 8	26 43	3 23	20 56	0 30	0 52	2 31	7 10	0 35	14 31	0 29	8 4	16 57	8 54	8 25	25 52	16 11	7 11
T 3	16 39	28 14	4 45	17 6	1 54	0 41	0 4	26 42	3 22	20 56	0 29	0 53	2 31	7 11	0 35	14 31	0 29	8 3	16 57	8 55	8 26	25 50	16 12	7 11
W 4	16 22	26 22	4 1	16 29	1 50	0 10	0n 1	26 41	3 21	20 56	0 29	0 55	2 31	7 12	0 35	14 32	0 29	8 3	16 56	8 57	8 27	25 48	16 12	7 10
T 5	16 4	22 37	3 0	15 49	1 46	0n22	0 6	26 40	3 20	20 57	0 29	0 56	2 31	7 12	0 35	14 32	0 29	8 2	16 56	8 58	8 29	25 47	16 13	7 10
F 6	15 45	17 20	1 46	15 9	1 42	0 53	0 10	26 39	3 18	20 57	0 29	0 57	2 32	7 13	0 34	14 33	0 29	8 2	16 56	8 58	8 30	25 45	16 13	7 9
S 7	15 27	11 4	0 26	14 27	1 36	1 24	0 15	26 38	3 17	20 58	0 29	0 58	2 32	7 14	0 34	14 33	0 29	8 1	16 55	8 59	8 31	25 44	16 14	7 9
S 8	15 8	4 19	0n55	13 43	1 30	1 55	0 20	26 38	3 16	20 58	0 28	0 59	2 32	7 15	0 34	14 34	0 29	8 1	16 55	8 58	8 32	25 42	16 14	7 9
M 9	14 49	2n28	2 10	12 59	1 24	2 26	0 25	26 37	3 15	20 59	0 28	1 1	2 32	7 16	0 34	14 35	0 29	8 0	16 55	8 58	8 33	25 40	16 15	7 8
T 10	14 30	8 55	3 15	12 13	1 16	2 57	0 30	26 36	3 14	20 59	0 28	1 2	2 33	7 16	0 34	14 35	0 29	7 59	16 55	8 58	8 35	25 39	16 15	7 8
W11	14 10	14 46	4 7	11 26	1 8	3 28	0 35	26 35	3 12	21 0	0 28	1 3	2 33	7 17	0 34	14 36	0 29	7 59	16 54	8 57	8 36	25 37	16 16	7 7
T 12	13 50	19 46	4 45	10 39	1 0	3 59	0 40	26 34	3 11	21 0	0 28	1 5	2 33	7 18	0 34	14 36	0 29	7 58	16 54	8 57	8 37	25 36	16 16	7 7
F 13	13 30	23 45	5 8	9 50	0 50	4 30	0 45	26 33	3 10	21 1	0 27	1 6	2 33	7 19	0 34	14 37	0 29	7 58	16 54	8 57	8 38	25 34	16 17	7 6
S 14	13 10	26 35	5 17	9 1	0 40	5 0	0 50	26 32	3 9	21 2	0 27	1 8	2 33	7 20	0 34	14 37	0 29	7 57	16 53	8 57	8 39	25 32	16 18	7 6
S 15	12 50	28 7	5 11	8 12	0 30	5 31	0 55	26 31	3 8	21 2	0 27	1 9	2 34	7 21	0 34	14 38	0 29	7 57	16 53	8 57	8 41	25 31	16 18	7 6
M16	12 29	28 21	4 51	7 22	0 18	6 1	1 1	26 31	3 6	21 3	0 27	1 11	2 34	7 22	0 34	14 38	0 29	7 56	16 53	8 58	8 42	25 29	16 19	7 5
T 17	12 8	27 16	4 20	6 33	0 6	6 31	1 6	26 30	3 5	21 4	0 26	1 12	2 34	7 23	0 34	14 39	0 29	7 55	16 52	8 58	8 43	25 27	16 19	7 5
W18	11 47	24 57	3 37	5 44	0n 6	7 1	1 11	26 29	3 4	21 5	0 26	1 14	2 34	7 24	0 34	14 40	0 29	7 55	16 52	8 59	8 44	25 26	16 20	7 4
T 19	11 26	21 34	2 45	4 55	0 19	7 31	1 17	26 28	3 3	21 5	0 26	1 15	2 34	7 24	0 34	14 40	0 29	7 54	16 52	8 59	8 45	25 24	16 20	7 4
F 20	11 5	17 16	1 45	4 8	0 33	8 1	1 22	26 27	3 2	21 6	0 26	1 17	2 35	7 25	0 34	14 41	0 29	7 54	16 52	8 59	8 46	25 22	16 21	7 3
S 21	10 43	12 15	0 40	3 22	0 47	8 30	1 28	26 27	3 0	21 7	0 26	1 18	2 35	7 26	0 34	14 41	0 29	7 53	16 51	8 59	8 48	25 20	16 21	7 3
S 22	10 21	6 43	0s27	2 38	1 1	9 0	1 33	26 26	2 59	21 8	0 25	1 20	2 35	7 27	0 34	14 42	0 29	7 52	16 51	8 59	8 49	25 19	16 22	7 2
M23	9 59	0 51	1 35	1 56	1 16	9 29	1 39	26 25	2 58	21 9	0 25	1 22	2 35	7 28	0 34	14 42	0 29	7 52	16 51	8 59	8 50	25 17	16 23	7 2
T 24	9 37	5s 8	2 38	1 17	1 30	9 58	1 44	26 24	2 57	21 10	0 25	1 23	2 35	7 29	0 34	14 43	0 29	7 51	16 51	8 59	8 51	25 15	16 23	7 1
W25	9 15	11 0	3 35	0 41	1 45	10 26	1 50	26 23	2 55	21 11	0 25	1 25	2 36	7 30	0 34	14 43	0 29	7 50	16 50	8 59	8 52	25 14	16 24	7 1
T 26	8 53	16 30	4 22	0 7	1 59	10 55	1 56	26 22	2 54	21 12	0 25	1 27	2 36	7 31	0 34	14 44	0 29	7 50	16 50	8 59	8 54	25 12	16 24	7 0
F 27	8 31	21 21	4 56	0n22	2 13	11 23	2 1	26 21	2 53	21 13	0 24	1 29	2 36	7 33	0 34	14 44	0 29	7 49	16 50	8 59	8 55	25 10	16 25	6 59
S 28	8s 8	25s11	5s15	0n48	2n27	11n51	2n 7	26n21	2n52	21n14	0s24	1n30	2n36	7n34	0s34	14n45	0n29	7s49	16s50	8s59	8s56	25n 8	16n25	6s59

Julian Day Number = 2304748.5, Delta T = 91.40 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'52, Lahiri = 18°14'52Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1598
geocentric

MARCH 1598 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 33 56	10♓12'44	13♐15	26♓49	26♈29	28♊16	7♊42	2°R 8	20♈42	21°R43	19♈52	6°D56	7♓ 1	22♋47	4°R57	S 1
M 2	10 37 53	11°12'46	27°21	27° 5	27°29	28°33	7°48	2♎ 4	20°45	21♌41	19°53	6♓56	6°58	22°53	4♋57	M 2
T 3	10 41 49	12°12'46	11♑43	27°R12	28°29	28°51	7°53	2° 0	20°48	21°39	19°54	6°56	6°55	23° 0	4°56	T 3
W 4	10 45 46	13°12'44	26°18	27°10	29°29	29° 9	7°59	1°55	20°50	21°38	19°56	6°57	6°52	23° 7	4°55	W 4
T 5	10 49 42	14°12'41	11♒ 0	26°59	0♉28	29°27	8° 5	1°51	20°53	21°36	19°57	6°57	6°49	23°13	4°55	T 5
F 6	10 53 39	15°12'35	25°45	26°40	1°26	29°46	8°12	1°47	20°56	21°35	19°58	6°58	6°46	23°20	4°55	F 6
S 7	10 57 35	16°12'28	10♓24	26°13	2°24	0♋ 6	8°18	1°42	20°59	21°33	19°59	6°R58	6°42	23°27	4°54	S 7
S 8	11 1 32	17°12'19	24°52	25°39	3°22	0°25	8°25	1°38	21° 2	21°32	20° 0	6°58	6°39	23°33	4°54	S 8
M 9	11 5 29	18°12'08	9♈ 3	24°58	4°19	0°45	8°31	1°33	21° 5	21°30	20° 2	6°57	6°36	23°40	4°D54	M 9
T 10	11 9 25	19°11'54	22°52	24°12	5°15	1° 6	8°38	1°29	21° 8	21°29	20° 3	6°55	6°33	23°47	4°54	T 10
W11	11 13 22	20°11'39	6♉17	23°22	6°11	1°27	8°45	1°24	21°11	21°27	20° 4	6°53	6°30	23°53	4°54	W11
T 12	11 17 18	21°11'21	19°19	22°29	7° 7	1°48	8°52	1°20	21°14	21°26	20° 5	6°52	6°27	24° 0	4°54	T 12
F 13	11 21 15	22°11'01	1♊58	21°34	8° 1	2° 9	9° 0	1°15	21°17	21°25	20° 7	6°50	6°23	24° 7	4°55	F 13
S 14	11 25 11	23°10'39	14°19	20°38	8°55	2°31	9° 7	1°11	21°21	21°23	20° 8	6°49	6°20	24°14	4°55	S 14
S 15	11 29 8	24°10'15	26°25	19°43	9°49	2°53	9°15	1° 6	21°24	21°22	20° 9	6°D49	6°17	24°20	4°56	S 15
M16	11 33 4	25° 9'48	8♋21	18°50	10°42	3°15	9°22	1° 1	21°27	21°21	20°10	6°49	6°14	24°27	4°56	M16
T 17	11 37 1	26° 9'19	20°11	17°59	11°34	3°38	9°30	0°57	21°30	21°19	20°12	6°51	6°11	24°34	4°57	T 17
W18	11 40 58	27° 8'48	2♌ 1	17°12	12°25	4° 1	9°38	0°52	21°33	21°18	20°13	6°52	6° 7	24°40	4°58	W18
T 19	11 44 54	28° 8'14	13°55	16°29	13°16	4°24	9°46	0°47	21°36	21°17	20°14	6°54	6° 4	24°47	4°59	T 19
F 20	11 48 51	29° 7'38	25°56	15°50	14° 6	4°48	9°55	0°43	21°40	21°15	20°16	6°55	6° 1	24°54	5° 0	F 20
S 21	11 52 47	0♈ 7'00	8♍ 8	15°17	14°55	5°12	10° 3	0°38	21°43	21°14	20°17	6°R56	5°58	25° 0	5° 1	S 21
S 22	11 56 44	1° 6'20	20°33	14°50	15°43	5°36	10°11	0°33	21°46	21°13	20°18	6°55	5°55	25° 7	5° 2	S 22
M23	12 0 40	2° 5'38	3♎13	14°28	16°31	6° 0	10°20	0°28	21°50	21°12	20°20	6°53	5°52	25°14	5° 3	M23
T 24	12 4 37	3° 4'53	16° 8	14°12	17°17	6°25	10°29	0°24	21°53	21°11	20°21	6°50	5°48	25°20	5° 4	T 24
W25	12 8 33	4° 4'06	29°18	14° 2	18° 3	6°49	10°38	0°19	21°56	21° 9	20°22	6°46	5°45	25°27	5° 6	W25
T 26	12 12 30	5° 3'18	12♏42	13°D58	18°47	7°14	10°47	0°14	21°59	21° 8	20°24	6°41	5°42	25°34	5° 7	T 26
F 27	12 16 27	6° 2'28	26°19	13°59	19°31	7°40	10°56	0°10	22° 3	21° 7	20°25	6°37	5°39	25°40	5° 9	F 27
S 28	12 20 23	7° 1'36	10♐ 6	14° 6	20°13	8° 5	11° 5	0° 5	22° 6	21° 6	20°26	6°34	5°36	25°47	5°11	S 28
S 29	12 24 20	8° 0'42	24° 3	14°18	20°55	8°31	11°15	0° 0	22°10	21° 5	20°28	6°31	5°33	25°54	5°12	S 29
M30	12 28 16	8°59'47	8♑ 7	14°35	21°35	8°57	11°24	29♏56	22°13	21° 4	20°29	6°D31	5°29	26° 0	5°14	M30
T 31	12 32 13	9♈58'50	22♑17	14♓57	22♉15	9♋23	11♊34	29♏51	22♈16	21♌ 3	20♈30	6♓31	5♓26	26♋ 7	5♋16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s45	27s39	5s15	1n10	2n39	12n18	2n13	26n20	2n51	21n15	0s24	1n32	2n36	7n35	0s34	14n45	0n29	7s48	16s49	8s59	8s57	25n 7	16n26	6s58
M 2	7 23	28 26	4 58	1 28	2 51	12 45	2 19	26 19	2 50	21 16	0 24	1 34	2 36	7 36	0 34	14 46	0 29	7 47	16 49	8 59	8 58	25 5	16 27	6 58
T 3	7 0	27 18	4 21	1 40	3 2	13 12	2 24	26 18	2 48	21 17	0 24	1 36	2 37	7 37	0 34	14 46	0 29	7 47	16 49	8 59	8 59	25 3	16 27	6 57
W 4	6 37	24 20	3 27	1 49	3 12	13 39	2 30	26 17	2 47	21 18	0 24	1 38	2 37	7 38	0 34	14 47	0 29	7 46	16 49	8 59	9 1	25 1	16 28	6 57
T 5	6 14	19 44	2 19	1 52	3 21	14 6	2 36	26 16	2 46	21 19	0 23	1 40	2 37	7 39	0 34	14 47	0 29	7 46	16 48	8 59	9 2	24 59	16 28	6 56
F 6	5 50	13 56	1 2	1 51	3 28	14 32	2 42	26 14	2 45	21 21	0 23	1 41	2 37	7 40	0 34	14 48	0 29	7 45	16 48	8 58	9 3	24 58	16 29	6 56
S 7	5 27	7 23	0n19	1 45	3 33	14 57	2 48	26 13	2 44	21 22	0 23	1 43	2 37	7 41	0 34	14 48	0 29	7 44	16 48	8 58	9 4	24 56	16 29	6 55
S 8	5 4	0 33	1 38	1 35	3 36	15 23	2 53	26 12	2 43	21 23	0 23	1 45	2 37	7 42	0 34	14 49	0 29	7 44	16 48	8 59	9 5	24 54	16 30	6 54
M 9	4 41	6n10	2 49	1 20	3 38	15 48	2 59	26 11	2 41	21 24	0 23	1 47	2 37	7 44	0 34	14 49	0 29	7 43	16 48	8 59	9 7	24 52	16 31	6 54
T 10	4 17	12 26	3 48	1 1	3 38	16 12	3 5	26 10	2 40	21 25	0 22	1 49	2 37	7 45	0 34	14 50	0 29	7 42	16 47	8 59	9 8	24 50	16 31	6 53
W11	3 54	17 55	4 32	0 39	3 35	16 37	3 11	26 8	2 39	21 27	0 22	1 51	2 37	7 46	0 34	14 50	0 29	7 42	16 47	9 0	9 9	24 49	16 32	6 53
T 12	3 30	22 25	5 2	0 15	3 31	17 1	3 17	26 7	2 38	21 28	0 22	1 53	2 38	7 47	0 34	14 51	0 29	7 41	16 47	9 1	9 10	24 47	16 32	6 52
F 13	3 6	25 45	5 15	0s13	3 25	17 24	3 22	26 6	2 37	21 29	0 22	1 55	2 38	7 48	0 34	14 51	0 29	7 41	16 47	9 1	9 11	24 45	16 33	6 52
S 14	2 43	27 45	5 14	0 42	3 17	17 47	3 28	26 4	2 36	21 31	0 22	1 57	2 38	7 49	0 34	14 52	0 29	7 40	16 47	9 2	9 12	24 43	16 33	6 51
S 15	2 19	28 25	4 58	1 12	3 7	18 10	3 34	26 2	2 35	21 32	0 22	1 58	2 38	7 51	0 34	14 52	0 29	7 39	16 47	9 2	9 14	24 41	16 34	6 50
M16	1 56	27 43	4 30	1 43	2 56	18 32	3 39	26 1	2 34	21 33	0 21	2 0	2 38	7 52	0 34	14 53	0 29	7 39	16 46	9 2	9 15	24 39	16 34	6 50
T 17	1 32	25 46	3 50	2 14	2 44	18 54	3 45	25 59	2 33	21 35	0 21	2 2	2 38	7 53	0 33	14 53	0 29	7 38	16 46	9 1	9 16	24 38	16 35	6 49
W18	1 8	22 42	3 1	2 45	2 31	19 15	3 51	25 57	2 31	21 36	0 21	2 4	2 38	7 54	0 33	14 53	0 29	7 37	16 46	9 1	9 17	24 36	16 36	6 49
T 19	0 45	18 40	2 4	3 15	2 17	19 36	3 56	25 56	2 30	21 37	0 21	2 6	2 38	7 55	0 33	14 54	0 29	7 37	16 46	9 0	9 18	24 34	16 36	6 48
F 20	0 21	13 51	1 0	3 43	2 2	19 57	4 2	25 54	2 29	21 39	0 21	2 8	2 38	7 57	0 33	14 54	0 29	7 36	16 46	8 59	9 19	24 32	16 37	6 48
S 21	0n 3	8 26	0s 7	4 10	1 47	20 17	4 7	25 52	2 28	21 40	0 21	2 10	2 38	7 58	0 33	14 55	0 29	7 36	16 46	8 59	9 21	24 30	16 37	6 47
S 22	0 26	2 37	1 14	4 35	1 31	20 36	4 12	25 50	2 27	21 42	0 20	2 12	2 38	7 59	0 33	14 55	0 29	7 35	16 46	9 0	9 22	24 28	16 38	6 46
M23	0 50	3s25	2 20	4 58	1 16	20 55	4 18	25 48	2 26	21 43	0 20	2 14	2 38	8 0	0 33	14 55	0 29	7 34	16 45	9 0	9 23	24 26	16 38	6 46
T 24	1 14	9 25	3 19	5 18	1 0	21 14	4 23	25 45	2 25	21 44	0 20	2 16	2 38	8 2	0 33	14 56	0 29	7 34	16 45	9 1	9 24	24 24	16 39	6 45
W25	1 37	15 7	4 9	5 36	0 45	21 32	4 28	25 43	2 24	21 46	0 20	2 18	2 38	8 3	0 33	14 56	0 29	7 33	16 45	9 3	9 25	24 22	16 39	6 45
T 26	2 1	20 13	4 46	5 52	0 30	21 50	4 33	25 41	2 23	21 47	0 20	2 19	2 38	8 4	0 33	14 57	0 29	7 33	16 45	9 5	9 27	24 21	16 40	6 44
F 27	2 24	24 21	5 8	6 5	0 15	22 7	4 38	25 38	2 22	21 49	0 20	2 21	2 38	8 5	0 33	14 57	0 29	7 32	16 45	9 6	9 28	24 19	16 40	6 44
S 28	2 48	27 9	5 12	6 15	0 1	22 23	4 43	25 36	2 21	21 50	0 19	2 23	2 38	8 7	0 33	14 57	0 29	7 32	16 45	9 7	9 29	24 17	16 41	6 43
S 29	3 11	28 20	4 58	6 23	0s13	22 39	4 48	25 33	2 20	21 52	0 19	2 25	2 38	8 8	0 33	14 58	0 29	7 31	16 45	9 8	9 30	24 15	16 41	6 42
M30	3 34	27 41	4 27	6 29	0 26	22 54	4 53	25 30	2 19	21 53	0 19	2 27	2 38	8 9	0 33	14 58	0 29	7 30	16 45	9 9	9 31	24 13	16 42	6 42
T 31	3n58	25s14	3s38	6s32	0s39	23n 9	4n57	25n27	2n18	21n54	0s19	2n29	2n38	8n11	0s33	14n58	0n29	7s30	16s45	9s 8	9s32	24n11	16n42	6s41

Julian Day Number = 2304776.5, Delta T = 91.30 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°07'56, Lahiri = 18°14'56Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1598
geocentric

APRIL 1598 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 36 9	10♈57'51	6♒32	15♓24	22♉53	9♋49	11♊43	29°R47	22♈20	21°R 2	20♈32	6♓32	5♓23	26♋14	5♋18	W 1
T 2	12 40 6	11°56'50	20°49	15°55	23°29	10°16	11°53	29♍42	22°23	21♌ 1	20°33	6°34	5°20	26°20	5°21	T 2
F 3	12 44 2	12°55'47	5♓ 6	16°30	24° 5	10°43	12° 3	29°38	22°26	21° 0	20°35	6°R35	5°17	26°27	5°23	F 3
S 4	12 47 59	13°54'42	19°18	17° 9	24°39	11°10	12°13	29°33	22°30	20°59	20°36	6°34	5°13	26°34	5°25	S 4
S 5	12 51 56	14°53'36	3♈23	17°52	25°12	11°37	12°23	29°29	22°33	20°59	20°37	6°31	5°10	26°40	5°27	S 5
M 6	12 55 52	15°52'28	17°16	18°39	25°43	12° 4	12°33	29°24	22°37	20°58	20°39	6°27	5° 7	26°47	5°30	M 6
T 7	12 59 49	16°51'17	0♉53	19°29	26°13	12°32	12°44	29°20	22°40	20°57	20°40	6°21	5° 4	26°54	5°33	T 7
W 8	13 3 45	17°50'05	14°12	20°22	26°41	12°59	12°54	29°16	22°44	20°56	20°42	6°14	5° 1	27° 0	5°35	W 8
T 9	13 7 42	18°48'50	27°10	21°18	27° 8	13°27	13° 5	29°11	22°47	20°55	20°43	6° 7	4°58	27° 7	5°38	T 9
F 10	13 11 38	19°47'34	9♊50	22°17	27°33	13°55	13°15	29° 7	22°50	20°55	20°44	6° 0	4°54	27°14	5°41	F 10
S 11	13 15 35	20°46'15	22°11	23°19	27°56	14°24	13°26	29° 3	22°54	20°54	20°46	5°55	4°51	27°20	5°44	S 11
S 12	13 19 31	21°44'54	4♋19	24°24	28°18	14°52	13°37	28°59	22°57	20°53	20°47	5°51	4°48	27°27	5°47	S 12
M13	13 23 28	22°43'31	16°15	25°31	28°37	15°21	13°48	28°55	23° 1	20°53	20°49	5°49	4°45	27°34	5°50	M13
T 14	13 27 25	23°42'05	28° 6	26°40	28°55	15°50	13°59	28°51	23° 4	20°52	20°50	5°D49	4°42	27°40	5°53	T 14
W15	13 31 21	24°40'37	9♌56	27°52	29°11	16°18	14°10	28°47	23° 8	20°52	20°51	5°50	4°38	27°47	5°56	W15
T 16	13 35 18	25°39'08	21°51	29° 7	29°24	16°48	14°21	28°43	23°11	20°51	20°53	5°51	4°35	27°54	5°59	T 16
F 17	13 39 14	26°37'35	3♍55	0♈23	29°36	17°17	14°32	28°39	23°15	20°51	20°54	5°R52	4°32	28° 1	6° 3	F 17
S 18	13 43 11	27°36'01	16°13	1°42	29°45	17°46	14°44	28°35	23°18	20°50	20°56	5°52	4°29	28° 7	6° 6	S 18
S 19	13 47 7	28°34'25	28°48	3° 2	29°52	18°16	14°55	28°31	23°21	20°50	20°57	5°49	4°26	28°14	6°10	S 19
M20	13 51 4	29°32'47	11♎43	4°25	29°57	18°45	15° 7	28°28	23°25	20°49	20°58	5°44	4°23	28°21	6°13	M20
T 21	13 55 0	0♉31'06	24°59	5°50	29°59	19°15	15°18	28°24	23°28	20°49	21° 0	5°37	4°19	28°27	6°17	T 21
W22	13 58 57	1°29'24	8♏33	7°17	29°R59	19°45	15°30	28°20	23°32	20°49	21° 1	5°29	4°16	28°34	6°21	W22
T 23	14 2 53	2°27'41	22°24	8°46	29°57	20°15	15°41	28°17	23°35	20°48	21° 3	5°19	4°13	28°41	6°25	T 23
F 24	14 6 50	3°25'55	6♐27	10°16	29°52	20°45	15°53	28°13	23°39	20°48	21° 4	5°10	4°10	28°47	6°29	F 24
S 25	14 10 47	4°24'08	20°38	11°49	29°45	21°15	16° 5	28°10	23°42	20°48	21° 5	5° 3	4° 7	28°54	6°33	S 25
S 26	14 14 43	5°22'20	4♑53	13°24	29°35	21°46	16°17	28° 7	23°45	20°48	21° 7	4°57	4° 4	29° 1	6°37	S 26
M27	14 18 40	6°20'30	19° 7	15° 0	29°23	22°16	16°29	28° 4	23°49	20°47	21° 8	4°53	4° 0	29° 7	6°41	M27
T 28	14 22 36	7°18'38	3♒18	16°38	29° 9	22°47	16°41	28° 1	23°52	20°47	21° 9	4°D52	3°57	29°14	6°45	T 28
W29	14 26 33	8°16'45	17°25	18°18	28°52	23°18	16°53	27°58	23°56	20°47	21°11	4°52	3°54	29°21	6°49	W29
T 30	14 30 29	9♉14'51	1♓26	20♈ 1	28♉32	23♋49	17♊ 5	27♍55	23♈59	20♌47	21♈12	4°R53	3♓51	29♋27	6♋54	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n21	21s12	2s37	6s33	0s51	23n24	5n 2	25n25	2n17	21n56	0s19	2n30	2n38	8n12	0s33	14n59	0n29	7s29	16s45	9s 8	9s34	24n 9	16n43	6s41
T 2	4 44	15 56	1 25	6 32	1 3	23 37	5 6	25 22	2 16	21 57	0 19	2 32	2 38	8 13	0 33	14 59	0 29	7 29	16 45	9 7	9 35	24 7	16 43	6 40
F 3	5 7	9 47	0 8	6 28	1 13	23 50	5 10	25 18	2 15	21 59	0 18	2 34	2 38	8 14	0 33	14 59	0 29	7 28	16 44	9 7	9 36	24 5	16 44	6 40
S 4	5 30	3 11	1n 9	6 22	1 24	24 3	5 14	25 15	2 14	22 0	0 18	2 36	2 38	8 16	0 33	14 59	0 29	7 28	16 44	9 7	9 37	24 3	16 44	6 39
S 5	5 53	3n30	2 21	6 14	1 33	24 15	5 18	25 12	2 13	22 2	0 18	2 37	2 38	8 17	0 33	15 0	0 29	7 27	16 44	9 8	9 38	24 1	16 45	6 39
M 6	6 16	9 55	3 23	6 4	1 43	24 26	5 22	25 8	2 12	22 3	0 18	2 39	2 38	8 18	0 33	15 0	0 29	7 27	16 44	9 10	9 39	23 59	16 45	6 38
T 7	6 38	15 45	4 12	5 52	1 51	24 37	5 25	25 5	2 11	22 5	0 18	2 41	2 38	8 19	0 33	15 0	0 29	7 26	16 44	9 12	9 41	23 57	16 46	6 37
W 8	7 1	20 41	4 47	5 39	1 59	24 47	5 28	25 1	2 10	22 6	0 18	2 43	2 38	8 21	0 33	15 0	0 29	7 25	16 44	9 15	9 42	23 55	16 46	6 37
T 9	7 23	24 31	5 5	5 23	2 6	24 56	5 32	24 58	2 10	22 8	0 18	2 44	2 38	8 22	0 33	15 1	0 29	7 25	16 44	9 17	9 43	23 53	16 46	6 36
F 10	7 45	27 3	5 8	5 6	2 12	25 5	5 34	24 54	2 9	22 9	0 17	2 46	2 38	8 23	0 33	15 1	0 29	7 24	16 44	9 20	9 44	23 51	16 47	6 36
S 11	8 8	28 12	4 57	4 47	2 18	25 13	5 37	24 50	2 8	22 11	0 17	2 47	2 38	8 25	0 33	15 1	0 29	7 24	16 44	9 22	9 45	23 49	16 47	6 35
S 12	8 30	27 57	4 32	4 26	2 24	25 20	5 39	24 46	2 7	22 12	0 17	2 49	2 38	8 26	0 33	15 1	0 29	7 23	16 44	9 23	9 46	23 47	16 48	6 35
M13	8 52	26 24	3 56	4 3	2 28	25 26	5 41	24 42	2 6	22 14	0 17	2 51	2 38	8 27	0 33	15 1	0 29	7 23	16 44	9 24	9 48	23 45	16 48	6 34
T 14	9 13	23 41	3 10	3 40	2 33	25 32	5 43	24 37	2 5	22 15	0 17	2 52	2 38	8 28	0 33	15 2	0 29	7 22	16 44	9 24	9 49	23 43	16 48	6 34
W15	9 35	19 58	2 15	3 14	2 36	25 37	5 45	24 33	2 4	22 16	0 17	2 54	2 37	8 30	0 33	15 2	0 29	7 22	16 44	9 24	9 50	23 41	16 49	6 33
T 16	9 56	15 26	1 15	2 47	2 39	25 41	5 46	24 28	2 3	22 18	0 17	2 55	2 37	8 31	0 33	15 2	0 29	7 21	16 44	9 23	9 51	23 39	16 49	6 33
F 17	10 18	10 16	0 11	2 19	2 42	25 45	5 46	24 24	2 2	22 19	0 16	2 57	2 37	8 32	0 33	15 2	0 29	7 21	16 44	9 23	9 52	23 37	16 49	6 32
S 18	10 39	4 36	0s55	1 49	2 43	25 47	5 47	24 19	2 1	22 21	0 16	2 58	2 37	8 34	0 33	15 2	0 29	7 20	16 44	9 23	9 53	23 35	16 50	6 32
S 19	11 0	1s22	2 0	1 18	2 45	25 49	5 47	24 14	2 1	22 22	0 16	2 59	2 37	8 35	0 33	15 2	0 29	7 20	16 44	9 24	9 54	23 33	16 50	6 31
M20	11 20	7 25	3 0	0 46	2 45	25 49	5 47	24 9	2 0	22 24	0 16	3 1	2 37	8 36	0 33	15 3	0 29	7 19	16 44	9 26	9 56	23 31	16 50	6 31
T 21	11 41	13 17	3 52	0 12	2 45	25 49	5 46	24 4	1 59	22 25	0 16	3 2	2 37	8 37	0 33	15 3	0 29	7 19	16 44	9 28	9 57	23 28	16 51	6 30
W22	12 1	18 40	4 32	0n22	2 45	25 48	5 44	23 59	1 58	22 26	0 16	3 3	2 37	8 39	0 33	15 3	0 29	7 19	16 44	9 31	9 58	23 26	16 51	6 30
T 23	12 21	23 11	4 57	0 58	2 44	25 46	5 43	23 54	1 57	22 28	0 16	3 5	2 36	8 40	0 33	15 3	0 29	7 18	16 44	9 35	9 59	23 24	16 51	6 29
F 24	12 41	26 26	5 5	1 36	2 42	25 42	5 40	23 48	1 56	22 29	0 16	3 6	2 36	8 41	0 33	15 3	0 29	7 18	16 45	9 38	10 0	23 22	16 52	6 29
S 25	13 1	28 3	4 54	2 14	2 40	25 38	5 38	23 43	1 55	22 31	0 15	3 7	2 36	8 42	0 33	15 3	0 29	7 17	16 45	9 41	10 1	23 20	16 52	6 28
S 26	13 21	27 48	4 24	2 53	2 37	25 33	5 34	23 37	1 55	22 32	0 15	3 8	2 36	8 44	0 33	15 3	0 29	7 17	16 45	9 43	10 3	23 18	16 52	6 28
M27	13 40	25 44	3 39	3 33	2 34	25 26	5 30	23 31	1 54	22 33	0 15	3 9	2 36	8 45	0 33	15 3	0 29	7 16	16 45	9 44	10 4	23 16	16 52	6 27
T 28	13 59	22 3	2 40	4 15	2 30	25 18	5 26	23 25	1 53	22 35	0 15	3 10	2 36	8 46	0 33	15 3	0 29	7 16	16 45	9 45	10 5	23 14	16 53	6 27
W29	14 18	17 6	1 32	4 57	2 26	25 10	5 21	23 19	1 52	22 36	0 15	3 12	2 36	8 47	0 33	15 3	0 29	7 16	16 45	9 45	10 6	23 12	16 53	6 27
T 30	14n37	11s17	0s18	5n40	2s21	25n 0	5n15	23n13	1n51	22n37	0s15	3n13	2n35	8n49	0s33	15n 3	0n29	7s15	16s45	9s45	10s 7	23n 9	16n53	6s26

Julian Day Number = 2304807.5, Delta T = 91.18 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'00, Lahiri = 18°15'00Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1598
geocentric

MAY 1598 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 34 26	10♉12'55	15♓21	21♈45	28°R11	24♋20	17♊17	27°R52	24♈ 2	20°R47	21♈13	4°R52	3♓48	29♋34	6♋58	F 1
S 2	14 38 23	11°10'58	29° 8	23°30	27♉47	24°51	17°30	27♍49	24° 6	20°D47	21°15	4♓50	3°44	29°41	7° 2	S 2
S 3	14 42 19	12° 8'59	12♈46	25°18	27°21	25°22	17°42	27°46	24° 9	20♌47	21°16	4°45	3°41	29°47	7° 7	S 3
M 4	14 46 16	13° 6'59	26°15	27° 8	26°54	25°54	17°55	27°44	24°12	20°47	21°17	4°38	3°38	29°54	7°11	M 4
T 5	14 50 12	14° 4'58	9♉31	28°59	26°24	26°25	18° 7	27°41	24°16	20°47	21°19	4°28	3°35	0♌ 1	7°16	T 5
W 6	14 54 9	15° 2'55	22°34	0♉53	25°53	26°57	18°20	27°39	24°19	20°47	21°20	4°16	3°32	0° 7	7°21	W 6
T 7	14 58 5	16° 0'50	5♊21	2°48	25°20	27°28	18°32	27°36	24°22	20°47	21°21	4° 4	3°29	0°14	7°26	T 7
F 8	15 2 2	16°58'44	17°53	4°45	24°45	28° 0	18°45	27°34	24°25	20°48	21°23	3°52	3°25	0°21	7°30	F 8
S 9	15 5 58	17°56'36	0♋10	6°44	24°10	28°32	18°57	27°32	24°29	20°48	21°24	3°42	3°22	0°27	7°35	S 9
S 10	15 9 55	18°54'27	12°14	8°45	23°34	29° 4	19°10	27°30	24°32	20°48	21°25	3°35	3°19	0°34	7°40	S 10
M11	15 13 52	19°52'15	24° 9	10°48	22°57	29°36	19°23	27°28	24°35	20°48	21°26	3°30	3°16	0°41	7°45	M11
T 12	15 17 48	20°50'02	5♌59	12°52	22°19	0♌ 8	19°36	27°26	24°38	20°49	21°28	3°27	3°13	0°47	7°50	T 12
W13	15 21 45	21°47'48	17°48	14°58	21°41	0°41	19°49	27°24	24°41	20°49	21°29	3°D26	3°10	0°54	7°55	W13
T 14	15 25 41	22°45'32	29°43	17° 5	21° 4	1°13	20° 2	27°23	24°44	20°49	21°30	3°R26	3° 6	1° 1	8° 1	T 14
F 15	15 29 38	23°43'14	11♍47	19°13	20°26	1°46	20°15	27°21	24°48	20°50	21°31	3°26	3° 3	1° 7	8° 6	F 15
S 16	15 33 34	24°40'54	24° 7	21°23	19°49	2°18	20°28	27°20	24°51	20°50	21°33	3°25	3° 0	1°14	8°11	S 16
S 17	15 37 31	25°38'33	6♎47	23°33	19°13	2°51	20°41	27°18	24°54	20°51	21°34	3°21	2°57	1°21	8°16	S 17
M18	15 41 27	26°36'11	19°51	25°44	18°38	3°24	20°54	27°17	24°57	20°51	21°35	3°15	2°54	1°27	8°22	M18
T 19	15 45 24	27°33'47	3♏19	27°56	18° 3	3°56	21° 7	27°16	25° 0	20°52	21°36	3° 7	2°50	1°34	8°27	T 19
W20	15 49 21	28°31'21	17°12	0♊ 8	17°31	4°29	21°20	27°15	25° 3	20°52	21°37	2°56	2°47	1°41	8°33	W20
T 21	15 53 17	29°28'55	1♐25	2°19	17° 0	5° 2	21°33	27°14	25° 6	20°53	21°38	2°45	2°44	1°47	8°38	T 21
F 22	15 57 14	0♊26'27	15°54	4°31	16°30	5°35	21°46	27°13	25° 9	20°54	21°40	2°33	2°41	1°54	8°44	F 22
S 23	16 1 10	1°23'59	0♑32	6°41	16° 3	6° 8	22° 0	27°12	25°12	20°54	21°41	2°23	2°38	2° 1	8°49	S 23
S 24	16 5 7	2°21'29	15°10	8°51	15°37	6°42	22°13	27°11	25°15	20°55	21°42	2°16	2°35	2° 7	8°55	S 24
M25	16 9 3	3°18'59	29°44	11° 0	15°14	7°15	22°26	27°11	25°18	20°56	21°43	2°11	2°31	2°14	9° 1	M25
T 26	16 13 0	4°16'27	14♒ 7	13° 7	14°53	7°48	22°39	27°10	25°20	20°56	21°44	2° 9	2°28	2°21	9° 6	T 26
W27	16 16 56	5°13'55	28°18	15°13	14°34	8°22	22°53	27°10	25°23	20°57	21°45	2° 8	2°25	2°27	9°12	W27
T 28	16 20 53	6°11'22	12♓15	17°16	14°17	8°55	23° 6	27° 9	25°26	20°58	21°46	2° 8	2°22	2°34	9°18	T 28
F 29	16 24 50	7° 8'49	25°58	19°18	14° 3	9°29	23°20	27° 9	25°29	20°59	21°47	2° 8	2°19	2°41	9°24	F 29
S 30	16 28 46	8° 6'15	9♈28	21°18	13°52	10° 3	23°33	27°D 9	25°32	21° 0	21°48	2° 5	2°16	2°47	9°30	S 30
S 31	16 32 43	9♊ 3'40	22♈47	23♊16	13♉42	10♌37	23♊46	27♍ 9	25♈34	21♌ 1	21♈49	1♓59	2♓12	2♌54	9♋36	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n55	4s56	0n55	6n24	2s16	24n49	5n 9	23n 7	1n50	22n39	0s15	3n14	2n35	8n50	0s33	15n 3	0n29	7s15	16s45	9s45	10s 8	23n 7	16n53	6s26
S 2	15 13	1n34	2 5	7 8	2 10	24 36	5 2	23 0	1 50	22 40	0 15	3 14	2 35	8 51	0 33	15 3	0 29	7 14	16 45	9 46	10 10	23 5	16 54	6 25
S 3	15 31	7 56	3 7	7 54	2 3	24 23	4 54	22 54	1 49	22 41	0 14	3 15	2 35	8 52	0 33	15 3	0 29	7 14	16 45	9 47	10 11	23 3	16 54	6 25
M 4	15 49	13 50	3 57	8 40	1 57	24 8	4 46	22 47	1 48	22 42	0 14	3 16	2 35	8 54	0 33	15 3	0 29	7 14	16 45	9 50	10 12	23 1	16 54	6 24
T 5	16 6	19 1	4 34	9 26	1 49	23 53	4 37	22 40	1 47	22 44	0 14	3 17	2 35	8 55	0 33	15 3	0 29	7 13	16 46	9 54	10 13	22 59	16 54	6 24
W 6	16 23	23 13	4 55	10 13	1 42	23 36	4 28	22 33	1 46	22 45	0 14	3 18	2 34	8 56	0 33	15 3	0 29	7 13	16 46	9 58	10 14	22 57	16 54	6 24
T 7	16 40	26 11	5 2	11 1	1 33	23 18	4 17	22 26	1 46	22 46	0 14	3 19	2 34	8 57	0 33	15 3	0 29	7 13	16 46	10 2	10 15	22 54	16 54	6 23
F 8	16 57	27 48	4 53	11 48	1 25	22 59	4 7	22 19	1 45	22 47	0 14	3 19	2 34	8 58	0 33	15 3	0 29	7 12	16 46	10 7	10 16	22 52	16 55	6 23
S 9	17 13	28 0	4 31	12 36	1 16	22 39	3 56	22 12	1 44	22 48	0 14	3 20	2 34	9 0	0 33	15 3	0 29	7 12	16 46	10 10	10 18	22 50	16 55	6 22
S 10	17 29	26 51	3 56	13 24	1 6	22 19	3 44	22 5	1 43	22 50	0 14	3 21	2 34	9 1	0 33	15 3	0 29	7 12	16 46	10 13	10 19	22 48	16 55	6 22
M11	17 45	24 29	3 12	14 12	0 57	21 57	3 31	21 57	1 42	22 51	0 13	3 21	2 34	9 2	0 33	15 3	0 29	7 11	16 46	10 15	10 20	22 46	16 55	6 22
T 12	18 0	21 5	2 20	15 0	0 47	21 35	3 19	21 49	1 42	22 52	0 13	3 22	2 33	9 3	0 33	15 3	0 29	7 11	16 47	10 16	10 21	22 43	16 55	6 21
W13	18 15	16 50	1 22	15 47	0 36	21 13	3 6	21 42	1 41	22 53	0 13	3 22	2 33	9 4	0 33	15 3	0 29	7 11	16 47	10 16	10 22	22 41	16 55	6 21
T 14	18 30	11 55	0 20	16 33	0 26	20 50	2 52	21 34	1 40	22 54	0 13	3 23	2 33	9 5	0 33	15 2	0 29	7 10	16 47	10 16	10 23	22 39	16 55	6 21
F 15	18 45	6 29	0s44	17 19	0 16	20 27	2 38	21 26	1 39	22 55	0 13	3 23	2 33	9 7	0 33	15 2	0 29	7 10	16 47	10 16	10 24	22 37	16 55	6 20
S 16	18 59	0 42	1 47	18 4	0 5	20 3	2 25	21 18	1 39	22 56	0 13	3 24	2 33	9 8	0 33	15 2	0 29	7 10	16 47	10 17	10 26	22 35	16 55	6 20
S 17	19 13	5s15	2 47	18 48	0n 6	19 39	2 10	21 9	1 38	22 57	0 13	3 24	2 32	9 9	0 33	15 2	0 29	7 10	16 47	10 18	10 27	22 32	16 55	6 20
M18	19 26	11 9	3 39	19 30	0 16	19 16	1 56	21 1	1 37	22 58	0 13	3 25	2 32	9 10	0 33	15 2	0 29	7 9	16 48	10 20	10 28	22 30	16 55	6 19
T 19	19 40	16 44	4 21	20 10	0 26	18 53	1 42	20 52	1 36	22 59	0 13	3 25	2 32	9 11	0 33	15 2	0 29	7 9	16 48	10 23	10 29	22 28	16 55	6 19
W20	19 53	21 37	4 49	20 49	0 37	18 30	1 28	20 44	1 36	23 0	0 12	3 25	2 32	9 12	0 33	15 1	0 29	7 9	16 48	10 27	10 30	22 26	16 55	6 19
T 21	20 5	25 23	5 0	21 26	0 46	18 7	1 13	20 35	1 35	23 1	0 12	3 25	2 31	9 13	0 33	15 1	0 29	7 9	16 48	10 31	10 31	22 23	16 55	6 18
F 22	20 17	27 35	4 52	22 1	0 56	17 45	0 59	20 26	1 34	23 2	0 12	3 25	2 31	9 14	0 33	15 1	0 29	7 8	16 48	10 35	10 32	22 21	16 55	6 18
S 23	20 29	27 55	4 25	22 33	1 5	17 24	0 45	20 17	1 33	23 3	0 12	3 26	2 31	9 15	0 33	15 1	0 29	7 8	16 49	10 39	10 34	22 19	16 55	6 18
S 24	20 41	26 17	3 41	23 2	1 14	17 3	0 31	20 8	1 33	23 4	0 12	3 26	2 31	9 16	0 33	15 1	0 29	7 8	16 49	10 41	10 35	22 17	16 55	6 17
M25	20 52	22 54	2 42	23 30	1 22	16 43	0 18	19 59	1 32	23 5	0 12	3 26	2 31	9 17	0 33	15 0	0 29	7 8	16 49	10 43	10 36	22 14	16 55	6 17
T 26	21 3	18 7	1 34	23 54	1 29	16 25	0 5	19 50	1 31	23 6	0 12	3 26	2 30	9 18	0 33	15 0	0 29	7 8	16 49	10 44	10 37	22 12	16 55	6 17
W27	21 13	12 25	0 20	24 16	1 36	16 7	0s 8	19 40	1 30	23 6	0 12	3 26	2 30	9 20	0 33	15 0	0 29	7 7	16 49	10 44	10 38	22 10	16 55	6 17
T 28	21 23	6 10	0n53	24 35	1 42	15 50	0 21	19 31	1 30	23 7	0 12	3 26	2 30	9 21	0 33	15 0	0 29	7 7	16 50	10 44	10 39	22 8	16 54	6 16
F 29	21 33	0n16	2 2	24 51	1 48	15 34	0 33	19 21	1 29	23 8	0 11	3 25	2 30	9 22	0 33	14 59	0 29	7 7	16 50	10 45	10 40	22 5	16 54	6 16
S 30	21 43	6 34	3 4	25 5	1 53	15 19	0 45	19 11	1 28	23 9	0 11	3 25	2 30	9 23	0 33	14 59	0 29	7 7	16 50	10 45	10 42	22 3	16 54	6 16
S 31	21n52	12n29	3n54	25n16	1n57	15n 5	0s57	19n 1	1n28	23n10	0s11	3n25	2n29	9n23	0s33	14n59	0n29	7s 7	16s50	10s47	10s43	22n 1	16n54	6s16

Julian Day Number = 2304837.5, Delta T = 91.07 sec
Ecliptic obliquity = 23°29'38, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'04, Lahiri = 18°15'05Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1598
geocentric

JUNE 1598 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 36 39	10♊ 1'04	5♉53	25♊11	13°R36	11♌10	24♊ 0	27♍ 9	25♈37	21♌ 2	21♈50	1°R51	2♓ 9	3♌ 1	9♋42	M 1
T 2	16 40 36	10°58'28	18°48	27° 4	13♉31	11°44	24°13	27° 9	25°40	21° 3	21°51	1♓41	2° 6	3° 7	9°48	T 2
W 3	16 44 32	11°55'51	1♊31	28°54	13°D29	12°18	24°27	27°10	25°42	21° 4	21°52	1°28	2° 3	3°14	9°54	W 3
T 4	16 48 29	12°53'14	14° 2	0♋42	13°29	12°52	24°41	27°10	25°45	21° 5	21°53	1°15	2° 0	3°21	10° 0	T 4
F 5	16 52 25	13°50'35	26°22	2°28	13°32	13°27	24°54	27°11	25°48	21° 6	21°54	1° 3	1°56	3°27	10° 6	F 5
S 6	16 56 22	14°47'56	8♋30	4°11	13°37	14° 1	25° 8	27°11	25°50	21° 7	21°55	0°52	1°53	3°34	10°12	S 6
S 7	17 0 19	15°45'16	20°29	5°51	13°44	14°35	25°21	27°12	25°53	21° 8	21°56	0°44	1°50	3°41	10°18	S 7
M 8	17 4 15	16°42'35	2♌20	7°29	13°53	15° 9	25°35	27°13	25°55	21° 9	21°57	0°38	1°47	3°47	10°24	M 8
T 9	17 8 12	17°39'54	14° 8	9° 4	14° 4	15°44	25°48	27°14	25°58	21°10	21°58	0°34	1°44	3°54	10°31	T 9
W10	17 12 8	18°37'11	25°56	10°37	14°17	16°18	26° 2	27°15	26° 0	21°11	21°59	0°D33	1°41	4° 1	10°37	W10
T 11	17 16 5	19°34'28	7♍49	12° 7	14°33	16°53	26°16	27°16	26° 2	21°13	21°59	0°33	1°37	4° 7	10°43	T 11
F 12	17 20 1	20°31'44	19°52	13°34	14°50	17°28	26°29	27°17	26° 5	21°14	22° 0	0°R34	1°34	4°14	10°49	F 12
S 13	17 23 58	21°28'59	2♎11	14°59	15° 9	18° 2	26°43	27°18	26° 7	21°15	22° 1	0°33	1°31	4°21	10°56	S 13
S 14	17 27 54	22°26'13	14°50	16°21	15°30	18°37	26°57	27°20	26° 9	21°17	22° 2	0°31	1°28	4°27	11° 2	S 14
M15	17 31 51	23°23'26	27°55	17°40	15°52	19°12	27°10	27°21	26°11	21°18	22° 3	0°27	1°25	4°34	11° 8	M15
T 16	17 35 48	24°20'39	11♏27	18°56	16°17	19°47	27°24	27°23	26°14	21°19	22° 3	0°20	1°22	4°41	11°15	T 16
W17	17 39 44	25°17'51	25°27	20°10	16°42	20°22	27°38	27°25	26°16	21°21	22° 4	0°11	1°18	4°47	11°21	W17
T 18	17 43 41	26°15'03	9♐53	21°21	17°10	20°57	27°51	27°26	26°18	21°22	22° 5	0° 2	1°15	4°54	11°28	T 18
F 19	17 47 37	27°12'15	24°39	22°28	17°39	21°32	28° 5	27°28	26°20	21°24	22° 6	29♒53	1°12	5° 1	11°34	F 19
S 20	17 51 34	28° 9'26	9♑37	23°33	18° 9	22° 7	28°19	27°30	26°22	21°25	22° 6	29°44	1° 9	5° 7	11°41	S 20
S 21	17 55 30	29° 6'37	24°37	24°34	18°41	22°42	28°32	27°33	26°24	21°27	22° 7	29°38	1° 6	5°14	11°47	S 21
M22	17 59 27	0♋ 3'48	9♒32	25°33	19°14	23°17	28°46	27°35	26°26	21°28	22° 8	29°34	1° 2	5°21	11°54	M22
T 23	18 3 24	1° 0'59	24°13	26°27	19°49	23°53	29° 0	27°37	26°28	21°30	22° 8	29°D33	0°59	5°27	12° 0	T 23
W24	18 7 20	1°58'10	8♓37	27°19	20°25	24°28	29°13	27°39	26°30	21°31	22° 9	29°33	0°56	5°34	12° 7	W24
T 25	18 11 17	2°55'20	22°41	28° 7	21° 2	25° 3	29°27	27°42	26°31	21°33	22° 9	29°34	0°53	5°40	12°13	T 25
F 26	18 15 13	3°52'32	6♈24	28°51	21°40	25°39	29°41	27°44	26°33	21°34	22°10	29°R34	0°50	5°47	12°20	F 26
S 27	18 19 10	4°49'43	19°48	29°32	22°19	26°15	29°54	27°47	26°35	21°36	22°11	29°33	0°47	5°54	12°27	S 27
S 28	18 23 6	5°46'55	2♉55	0♌ 9	22°59	26°50	0♋ 8	27°50	26°37	21°38	22°11	29°30	0°43	6° 0	12°33	S 28
M29	18 27 3	6°44'06	15°46	0°42	23°41	27°26	0°21	27°53	26°38	21°39	22°12	29°25	0°40	6° 7	12°40	M29
T 30	18 30 59	7♋41'19	28♉25	1♌10	24♉23	28♌ 2	0♋35	27♍56	26♈40	21♌41	22♈12	29♒17	0♓37	6♌14	12♋46	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 0	17n46	4n31	25n24	2n 0	14n53	1s 8	18n51	1n27	23n10	0s11	3n25	2n29	9n24	0s33	14n58	0n29	7s 7	16s51	10s50	10s44	21n58	16n54	6s15
T 2	22 8	22 9	4 53	25 30	2 2	14 41	1 19	18 41	1 26	23 11	0 11	3 24	2 29	9 25	0 33	14 58	0 29	7 7	16 51	10 54	10 45	21 56	16 54	6 15
W 3	22 16	25 25	5 0	25 34	2 4	14 31	1 29	18 31	1 25	23 12	0 11	3 24	2 29	9 26	0 33	14 58	0 29	7 6	16 51	10 59	10 46	21 54	16 53	6 15
T 4	22 24	27 23	4 53	25 35	2 5	14 21	1 39	18 20	1 25	23 12	0 11	3 24	2 28	9 27	0 33	14 57	0 29	7 6	16 51	11 3	10 47	21 51	16 53	6 15
F 5	22 31	27 59	4 32	25 34	2 5	14 13	1 48	18 10	1 24	23 13	0 11	3 23	2 28	9 28	0 33	14 57	0 29	7 6	16 52	11 8	10 48	21 49	16 53	6 15
S 6	22 38	27 12	3 59	25 31	2 5	14 6	1 57	17 59	1 23	23 14	0 11	3 23	2 28	9 29	0 33	14 57	0 29	7 6	16 52	11 11	10 50	21 47	16 53	6 14
S 7	22 44	25 9	3 16	25 25	2 4	14 0	2 6	17 49	1 23	23 14	0 11	3 22	2 28	9 30	0 33	14 56	0 29	7 6	16 52	11 14	10 51	21 44	16 52	6 14
M 8	22 50	22 1	2 24	25 18	2 2	13 55	2 14	17 38	1 22	23 15	0 10	3 22	2 27	9 31	0 33	14 56	0 29	7 6	16 52	11 17	10 52	21 42	16 52	6 14
T 9	22 55	18 0	1 26	25 10	1 59	13 50	2 22	17 27	1 21	23 15	0 10	3 21	2 27	9 32	0 33	14 56	0 29	7 6	16 53	11 18	10 53	21 40	16 52	6 14
W10	23 0	13 17	0 25	24 59	1 56	13 47	2 29	17 16	1 20	23 16	0 10	3 21	2 27	9 33	0 33	14 55	0 29	7 6	16 53	11 18	10 54	21 37	16 52	6 14
T 11	23 5	8 4	0s39	24 47	1 51	13 45	2 36	17 5	1 20	23 16	0 10	3 20	2 27	9 33	0 34	14 55	0 29	7 6	16 53	11 18	10 55	21 35	16 51	6 14
F 12	23 9	2 29	1 41	24 34	1 47	13 44	2 43	16 53	1 19	23 17	0 10	3 19	2 27	9 34	0 34	14 54	0 29	7 6	16 54	11 18	10 56	21 33	16 51	6 13
S 13	23 13	3s19	2 40	24 20	1 41	13 43	2 49	16 42	1 18	23 17	0 10	3 19	2 26	9 35	0 34	14 54	0 29	7 6	16 54	11 18	10 58	21 30	16 50	6 13
S 14	23 17	9 8	3 33	24 4	1 35	13 44	2 55	16 31	1 18	23 18	0 10	3 18	2 26	9 36	0 34	14 54	0 29	7 6	16 54	11 19	10 59	21 28	16 50	6 13
M15	23 20	14 45	4 17	23 47	1 28	13 45	3 1	16 19	1 17	23 18	0 10	3 17	2 26	9 37	0 34	14 53	0 29	7 6	16 54	11 20	11 0	21 25	16 50	6 13
T 16	23 22	19 51	4 48	23 29	1 21	13 47	3 6	16 7	1 16	23 18	0 10	3 16	2 26	9 38	0 34	14 53	0 29	7 6	16 55	11 23	11 1	21 23	16 49	6 13
W17	23 25	24 4	5 3	23 11	1 13	13 49	3 11	15 56	1 16	23 19	0 10	3 15	2 25	9 38	0 34	14 52	0 29	7 6	16 55	11 26	11 2	21 21	16 49	6 13
T 18	23 26	26 55	4 59	22 51	1 4	13 53	3 15	15 44	1 15	23 19	0 9	3 14	2 25	9 39	0 34	14 52	0 29	7 6	16 55	11 29	11 3	21 18	16 49	6 13
F 19	23 28	27 59	4 36	22 31	0 55	13 57	3 19	15 32	1 14	23 19	0 9	3 13	2 25	9 40	0 34	14 51	0 29	7 6	16 56	11 32	11 4	21 16	16 48	6 13
S 20	23 29	27 2	3 54	22 11	0 45	14 1	3 23	15 20	1 14	23 20	0 9	3 12	2 25	9 40	0 34	14 51	0 29	7 6	16 56	11 35	11 5	21 13	16 48	6 12
S 21	23 29	24 7	2 55	21 50	0 35	14 7	3 27	15 8	1 13	23 20	0 9	3 11	2 25	9 41	0 34	14 50	0 29	7 6	16 56	11 37	11 7	21 11	16 47	6 12
M22	23 30	19 36	1 45	21 28	0 24	14 12	3 30	14 55	1 12	23 20	0 9	3 10	2 24	9 42	0 34	14 50	0 29	7 6	16 57	11 39	11 8	21 9	16 47	6 12
T 23	23 29	13 56	0 29	21 7	0 12	14 19	3 33	14 43	1 12	23 20	0 9	3 9	2 24	9 43	0 34	14 49	0 29	7 6	16 57	11 39	11 9	21 6	16 46	6 12
W24	23 29	7 37	0n48	20 45	0 0	14 25	3 36	14 31	1 11	23 21	0 9	3 8	2 24	9 43	0 34	14 49	0 29	7 6	16 57	11 39	11 10	21 4	16 46	6 12
T 25	23 28	1 4	2 1	20 23	0s12	14 33	3 38	14 18	1 10	23 21	0 9	3 7	2 24	9 44	0 34	14 48	0 29	7 6	16 58	11 39	11 11	21 1	16 45	6 12
F 26	23 26	5n22	3 4	20 2	0 25	14 40	3 40	14 5	1 10	23 21	0 9	3 6	2 23	9 44	0 34	14 48	0 29	7 6	16 58	11 39	11 12	20 59	16 45	6 12
S 27	23 24	11 24	3 56	19 40	0 38	14 48	3 42	13 53	1 9	23 21	0 9	3 4	2 23	9 45	0 34	14 47	0 29	7 7	16 58	11 39	11 13	20 57	16 44	6 12
S 28	23 22	16 48	4 34	19 19	0 52	14 57	3 44	13 40	1 8	23 21	0 8	3 3	2 23	9 46	0 34	14 47	0 29	7 7	16 58	11 40	11 15	20 54	16 43	6 12
M29	23 19	21 21	4 58	18 58	1 6	15 6	3 46	13 27	1 8	23 21	0 8	3 2	2 23	9 46	0 34	14 46	0 29	7 7	16 59	11 42	11 16	20 52	16 43	6 12
T 30	23n16	24n49	5n 6	18n38	1s20	15n15	3s47	13n14	1n 7	23n21	0s 8	3n 0	2n23	9n47	0s34	14n46	0n29	7s 7	16s59	11s45	11s17	20n49	16n42	6s12

Julian Day Number = 2304868.5, Delta T = 90.95 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'08, Lahiri = 18°15'09Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1598
geocentric

JULY 1598 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 34 56	8♋38'31	10♊51	1♌35	25♉ 6	28♌37	0♋49	27♍59	26♈42	21♌43	22♈13	29°R 9	0♓34	6♌20	12♋53	W 1
T 2	18 38 53	9°35'44	23° 7	1°55	25°50	29°13	1° 2	28° 2	26°43	21°44	22°13	29♒ 0	0°31	6°27	13° 0	T 2
F 3	18 42 49	10°32'57	5♋13	2°10	26°35	29°49	1°16	28° 5	26°45	21°46	22°13	28°51	0°28	6°34	13° 6	F 3
S 4	18 46 46	11°30'10	17°12	2°21	27°21	0♍25	1°29	28° 8	26°46	21°48	22°14	28°43	0°24	6°40	13°13	S 4
S 5	18 50 42	12°27'23	29° 5	2°27	28° 8	1° 1	1°43	28°12	26°47	21°50	22°14	28°37	0°21	6°47	13°20	S 5
M 6	18 54 39	13°24'36	10♌53	2°R29	28°56	1°37	1°56	28°15	26°49	21°52	22°15	28°34	0°18	6°54	13°26	M 6
T 7	18 58 35	14°21'50	22°39	2°25	29°44	2°13	2°10	28°19	26°50	21°53	22°15	28°32	0°15	7° 0	13°33	T 7
W 8	19 2 32	15°19'03	4♍28	2°17	0♊33	2°50	2°23	28°22	26°51	21°55	22°15	28°D32	0°12	7° 7	13°40	W 8
T 9	19 6 28	16°16'17	16°21	2° 4	1°22	3°26	2°37	28°26	26°53	21°57	22°16	28°33	0° 8	7°14	13°46	T 9
F 10	19 10 25	17°13'31	28°25	1°47	2°13	4° 2	2°50	28°30	26°54	21°59	22°16	28°35	0° 5	7°20	13°53	F 10
S 11	19 14 22	18°10'44	10♎43	1°25	3° 4	4°39	3° 4	28°34	26°55	22° 1	22°16	28°36	0° 2	7°27	14° 0	S 11
S 12	19 18 18	19° 7'58	23°20	0°59	3°55	5°15	3°17	28°38	26°56	22° 3	22°16	28°R36	29♒59	7°34	14° 6	S 12
M13	19 22 15	20° 5'13	6♏21	0°29	4°48	5°51	3°30	28°42	26°57	22° 5	22°17	28°35	29°56	7°40	14°13	M13
T 14	19 26 11	21° 2'27	19°50	29♋56	5°40	6°28	3°44	28°46	26°58	22° 7	22°17	28°32	29°53	7°47	14°19	T 14
W15	19 30 8	21°59'42	3♐47	29°19	6°34	7° 5	3°57	28°50	26°59	22° 9	22°17	28°28	29°49	7°54	14°26	W15
T 16	19 34 4	22°56'57	18°11	28°40	7°28	7°41	4°10	28°54	27° 0	22°11	22°17	28°23	29°46	8° 0	14°33	T 16
F 17	19 38 1	23°54'12	3♑ 0	27°59	8°22	8°18	4°23	28°59	27° 0	22°13	22°17	28°18	29°43	8° 7	14°39	F 17
S 18	19 41 57	24°51'28	18° 4	27°17	9°17	8°55	4°37	29° 3	27° 1	22°15	22°17	28°13	29°40	8°14	14°46	S 18
S 19	19 45 54	25°48'45	3♒17	26°35	10°13	9°32	4°50	29° 8	27° 2	22°17	22°17	28°10	29°37	8°20	14°53	S 19
M20	19 49 51	26°46'02	18°26	25°53	11° 9	10° 8	5° 3	29°12	27° 3	22°19	22°18	28° 9	29°34	8°27	14°59	M20
T 21	19 53 47	27°43'20	3♓24	25°11	12° 5	10°45	5°16	29°17	27° 3	22°21	22°18	28°D 8	29°30	8°34	15° 6	T 21
W22	19 57 44	28°40'39	18° 4	24°32	13° 2	11°22	5°29	29°22	27° 4	22°23	22°18	28° 9	29°27	8°40	15°12	W22
T 23	20 1 40	29°37'59	2♈20	23°55	13°59	11°59	5°42	29°26	27° 4	22°25	22°R18	28°11	29°24	8°47	15°19	T 23
F 24	20 5 37	0♌35'19	16°12	23°21	14°57	12°36	5°55	29°31	27° 5	22°27	22°18	28°12	29°21	8°54	15°25	F 24
S 25	20 9 33	1°32'41	29°39	22°51	15°55	13°14	6° 8	29°36	27° 5	22°29	22°18	28°R13	29°18	9° 0	15°32	S 25
S 26	20 13 30	2°30'05	12♉43	22°25	16°54	13°51	6°21	29°41	27° 6	22°31	22°18	28°12	29°14	9° 7	15°39	S 26
M27	20 17 26	3°27'29	25°29	22° 5	17°53	14°28	6°34	29°46	27° 6	22°33	22°17	28°11	29°11	9°14	15°45	M27
T 28	20 21 23	4°24'55	7♊57	21°50	18°52	15° 5	6°47	29°51	27° 6	22°35	22°17	28° 8	29° 8	9°20	15°51	T 28
W29	20 25 20	5°22'21	20°12	21°41	19°52	15°43	6°59	29°57	27° 7	22°38	22°17	28° 5	29° 5	9°27	15°58	W29
T 30	20 29 16	6°19'49	2♋17	21°D38	20°52	16°20	7°12	0♎ 2	27° 7	22°40	22°17	28° 1	29° 2	9°33	16° 4	T 30
F 31	20 33 13	7♌17'18	14♋14	21♋41	21♊53	16♍57	7♋25	0♎ 7	27♈ 7	22♌42	22♈17	27♒58	28♒59	9♌40	16♋11	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n13	27n 4	5n 0	18n19	1s35	15n24	3s48	13n 1	1n 6	23n21	0s 8	2n59	2n22	9n47	0s34	14n45	0n29	7s 7	16s59	11s48	11s18	20n47	16n42	6s12
T 2	23 9	27 59	4 40	18 0	1 50	15 33	3 49	12 48	1 6	23 21	0 8	2 57	2 22	9 48	0 34	14 45	0 29	7 7	17 0	11 51	11 19	20 44	16 41	6 12
F 3	23 4	27 31	4 8	17 42	2 5	15 43	3 49	12 34	1 5	23 21	0 8	2 56	2 22	9 48	0 34	14 44	0 29	7 7	17 0	11 54	11 20	20 42	16 40	6 12
S 4	23 0	25 46	3 24	17 25	2 20	15 53	3 50	12 21	1 4	23 21	0 8	2 55	2 22	9 49	0 34	14 43	0 29	7 8	17 0	11 57	11 21	20 39	16 40	6 12
S 5	22 55	22 52	2 32	17 9	2 35	16 3	3 50	12 8	1 4	23 21	0 8	2 53	2 22	9 49	0 34	14 43	0 29	7 8	17 1	11 59	11 22	20 37	16 39	6 12
M 6	22 49	19 3	1 34	16 54	2 49	16 13	3 50	11 54	1 3	23 21	0 8	2 51	2 21	9 50	0 34	14 42	0 29	7 8	17 1	12 0	11 23	20 34	16 38	6 12
T 7	22 43	14 30	0 32	16 40	3 4	16 24	3 50	11 40	1 2	23 21	0 8	2 50	2 21	9 50	0 34	14 42	0 29	7 8	17 2	12 1	11 25	20 32	16 38	6 12
W 8	22 37	9 24	0s32	16 28	3 18	16 34	3 49	11 27	1 2	23 21	0 8	2 48	2 21	9 51	0 34	14 41	0 29	7 8	17 2	12 1	11 26	20 29	16 37	6 12
T 9	22 30	3 56	1 35	16 18	3 32	16 45	3 49	11 13	1 1	23 21	0 7	2 47	2 21	9 51	0 34	14 40	0 29	7 8	17 2	12 0	11 27	20 27	16 36	6 12
F 10	22 23	1s44	2 35	16 9	3 45	16 55	3 48	10 59	1 0	23 20	0 7	2 45	2 21	9 52	0 34	14 40	0 29	7 9	17 3	12 0	11 28	20 24	16 36	6 12
S 11	22 15	7 27	3 29	16 1	3 58	17 6	3 48	10 45	1 0	23 20	0 7	2 43	2 20	9 52	0 34	14 39	0 29	7 9	17 3	11 59	11 29	20 22	16 35	6 12
S 12	22 7	13 1	4 15	15 55	4 10	17 16	3 47	10 31	0 59	23 20	0 7	2 41	2 20	9 52	0 34	14 39	0 29	7 9	17 3	11 59	11 30	20 19	16 34	6 12
M13	21 59	18 12	4 49	15 51	4 20	17 27	3 45	10 17	0 58	23 20	0 7	2 40	2 20	9 53	0 34	14 38	0 29	7 9	17 4	12 0	11 31	20 17	16 33	6 13
T 14	21 51	22 40	5 8	15 49	4 30	17 37	3 44	10 3	0 58	23 19	0 7	2 38	2 20	9 53	0 34	14 37	0 29	7 10	17 4	12 1	11 32	20 14	16 33	6 13
W15	21 42	26 2	5 10	15 48	4 38	17 48	3 43	9 49	0 57	23 19	0 7	2 36	2 20	9 53	0 34	14 37	0 29	7 10	17 4	12 2	11 34	20 12	16 32	6 13
T 16	21 32	27 50	4 53	15 49	4 45	17 58	3 41	9 35	0 56	23 19	0 7	2 34	2 19	9 54	0 34	14 36	0 29	7 10	17 5	12 4	11 35	20 9	16 31	6 13
F 17	21 22	27 44	4 17	15 52	4 50	18 8	3 40	9 20	0 56	23 19	0 7	2 32	2 19	9 54	0 34	14 35	0 29	7 10	17 5	12 6	11 36	20 7	16 30	6 13
S 18	21 12	25 36	3 22	15 57	4 54	18 18	3 38	9 6	0 55	23 18	0 7	2 30	2 19	9 54	0 34	14 35	0 29	7 11	17 5	12 7	11 37	20 4	16 29	6 13
S 19	21 2	21 36	2 12	16 3	4 55	18 28	3 36	8 51	0 54	23 18	0 7	2 28	2 19	9 54	0 34	14 34	0 29	7 11	17 6	12 8	11 38	20 2	16 29	6 13
M20	20 51	16 10	0 53	16 11	4 56	18 38	3 34	8 37	0 54	23 17	0 6	2 26	2 19	9 55	0 34	14 33	0 29	7 11	17 6	12 9	11 39	19 59	16 28	6 13
T 21	20 40	9 50	0n29	16 20	4 54	18 48	3 32	8 22	0 53	23 17	0 6	2 24	2 18	9 55	0 34	14 33	0 29	7 12	17 6	12 9	11 40	19 57	16 27	6 14
W22	20 28	3 5	1 47	16 30	4 51	18 57	3 29	8 7	0 52	23 17	0 6	2 22	2 18	9 55	0 34	14 32	0 29	7 12	17 7	12 9	11 41	19 54	16 26	6 14
T 23	20 16	3n38	2 57	16 41	4 46	19 6	3 27	7 53	0 52	23 16	0 6	2 20	2 18	9 55	0 34	14 31	0 29	7 12	17 7	12 8	11 42	19 51	16 25	6 14
F 24	20 4	9 59	3 54	16 53	4 39	19 15	3 24	7 38	0 51	23 16	0 6	2 18	2 18	9 55	0 34	14 31	0 29	7 13	17 7	12 8	11 44	19 49	16 24	6 14
S 25	19 52	15 40	4 36	17 6	4 31	19 24	3 22	7 23	0 51	23 15	0 6	2 16	2 18	9 55	0 34	14 30	0 29	7 13	17 8	12 7	11 45	19 46	16 23	6 14
S 26	19 39	20 30	5 3	17 20	4 21	19 33	3 19	7 8	0 50	23 15	0 6	2 14	2 18	9 56	0 34	14 29	0 29	7 13	17 8	12 8	11 46	19 44	16 22	6 14
M27	19 26	24 15	5 14	17 34	4 10	19 41	3 16	6 53	0 49	23 14	0 6	2 12	2 17	9 56	0 34	14 29	0 29	7 14	17 8	12 8	11 47	19 41	16 22	6 15
T 28	19 12	26 47	5 10	17 48	3 58	19 49	3 13	6 38	0 49	23 14	0 6	2 9	2 17	9 56	0 34	14 28	0 29	7 14	17 9	12 9	11 48	19 39	16 21	6 15
W29	18 58	27 58	4 51	18 3	3 45	19 56	3 11	6 23	0 48	23 13	0 6	2 7	2 17	9 56	0 35	14 27	0 29	7 14	17 9	12 10	11 49	19 36	16 20	6 15
T 30	18 44	27 49	4 20	18 17	3 30	20 4	3 7	6 8	0 47	23 12	0 5	2 5	2 17	9 56	0 35	14 27	0 29	7 15	17 9	12 11	11 50	19 33	16 19	6 15
F 31	18n29	26n21	3n38	18n31	3s16	20n11	3s 4	5n53	0n47	23n12	0s 5	2n 3	2n17	9n56	0s35	14n26	0n29	7s15	17s10	12s12	11s51	19n31	16n18	6s15

Julian Day Number = 2304898.5, Delta T = 90.84 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'12, Lahiri = 18°15'13Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1598
geocentric

AUGUST 1598 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 9	8♌14'49	26♋ 6	21♋51	22♊53	17♍35	7♋37	0♎13	27♈ 7	22♌44	22°R17	27°R55	28♒55	9♌47	16♋17	S 1
S 2	20 41 6	9°12'20	7♌54	22° 8	23°55	18°13	7°50	0°18	27°R 7	22°46	22♈17	27♒53	28°52	9°53	16°24	S 2
M 3	20 45 2	10° 9'52	19°41	22°32	24°56	18°50	8° 2	0°24	27° 7	22°48	22°16	27°52	28°49	10° 0	16°30	M 3
T 4	20 48 59	11° 7'25	1♍30	23° 2	25°58	19°28	8°15	0°29	27° 7	22°51	22°16	27°D52	28°46	10° 7	16°36	T 4
W 5	20 52 55	12° 5'00	13°22	23°39	27° 0	20° 6	8°27	0°35	27° 7	22°53	22°16	27°52	28°43	10°13	16°43	W 5
T 6	20 56 52	13° 2'35	25°21	24°23	28° 2	20°43	8°40	0°41	27° 7	22°55	22°16	27°54	28°40	10°20	16°49	T 6
F 7	21 0 49	14° 0'11	7♎29	25°13	29° 4	21°21	8°52	0°46	27° 7	22°57	22°15	27°55	28°36	10°27	16°55	F 7
S 8	21 4 45	14°57'49	19°50	26°10	0♋ 7	21°59	9° 4	0°52	27° 6	22°59	22°15	27°56	28°33	10°33	17° 1	S 8
S 9	21 8 42	15°55'27	2♏29	27°13	1°10	22°37	9°16	0°58	27° 6	23° 2	22°15	27°57	28°30	10°40	17° 7	S 9
M10	21 12 38	16°53'06	15°28	28°22	2°14	23°15	9°28	1° 4	27° 6	23° 4	22°14	27°R57	28°27	10°47	17°14	M10
T 11	21 16 35	17°50'47	28°50	29°37	3°17	23°53	9°40	1°10	27° 5	23° 6	22°14	27°57	28°24	10°53	17°20	T 11
W12	21 20 31	18°48'28	12♐38	0♌58	4°21	24°31	9°52	1°16	27° 5	23° 8	22°13	27°56	28°20	11° 0	17°26	W12
T 13	21 24 28	19°46'11	26°52	2°24	5°25	25°10	10° 4	1°22	27° 4	23°11	22°13	27°55	28°17	11° 7	17°32	T 13
F 14	21 28 24	20°43'55	11♑29	3°55	6°30	25°48	10°16	1°28	27° 4	23°13	22°13	27°55	28°14	11°13	17°38	F 14
S 15	21 32 21	21°41'40	26°26	5°30	7°34	26°26	10°28	1°35	27° 3	23°15	22°12	27°54	28°11	11°20	17°44	S 15
S 16	21 36 18	22°39'26	11♒34	7°10	8°39	27° 4	10°40	1°41	27° 3	23°17	22°12	27°53	28° 8	11°27	17°50	S 16
M17	21 40 14	23°37'13	26°45	8°53	9°44	27°43	10°51	1°47	27° 2	23°19	22°11	27°D53	28° 5	11°33	17°56	M17
T 18	21 44 11	24°35'02	11♓50	10°39	10°49	28°21	11° 3	1°53	27° 1	23°22	22°11	27°53	28° 1	11°40	18° 2	T 18
W19	21 48 7	25°32'53	26°39	12°29	11°55	29° 0	11°14	2° 0	27° 1	23°24	22°10	27°54	27°58	11°47	18° 7	W19
T 20	21 52 4	26°30'45	11♈ 7	14°20	13° 1	29°38	11°26	2° 6	27° 0	23°26	22°10	27°54	27°55	11°53	18°13	T 20
F 21	21 56 0	27°28'39	25° 9	16°14	14° 6	0♎17	11°37	2°13	26°59	23°28	22° 9	27°R54	27°52	12° 0	18°19	F 21
S 22	21 59 57	28°26'34	8♉44	18° 9	15°13	0°55	11°48	2°19	26°58	23°31	22° 8	27°54	27°49	12° 6	18°25	S 22
S 23	22 3 53	29°24'32	21°53	20° 6	16°19	1°34	12° 0	2°26	26°57	23°33	22° 8	27°54	27°46	12°13	18°30	S 23
M24	22 7 50	0♍22'32	4♊39	22° 3	17°25	2°13	12°11	2°32	26°56	23°35	22° 7	27°D54	27°42	12°20	18°36	M24
T 25	22 11 47	1°20'33	17° 5	24° 1	18°32	2°52	12°22	2°39	26°55	23°37	22° 6	27°54	27°39	12°26	18°41	T 25
W26	22 15 43	2°18'37	29°16	25°59	19°39	3°31	12°33	2°46	26°54	23°39	22° 6	27°54	27°36	12°33	18°47	W26
T 27	22 19 40	3°16'42	11♋15	27°57	20°46	4°10	12°43	2°52	26°53	23°42	22° 5	27°55	27°33	12°40	18°52	T 27
F 28	22 23 36	4°14'49	23° 6	29°54	21°53	4°49	12°54	2°59	26°52	23°44	22° 4	27°55	27°30	12°46	18°58	F 28
S 29	22 27 33	5°12'58	4♌54	1♍51	23° 1	5°28	13° 5	3° 6	26°50	23°46	22° 4	27°56	27°26	12°53	19° 3	S 29
S 30	22 31 29	6°11'09	16°41	3°48	24° 8	6° 7	13°15	3°13	26°49	23°48	22° 3	27°57	27°23	13° 0	19° 9	S 30
M31	22 35 26	7♍ 9'22	28♌31	5♍44	25♋16	6♎46	13♋26	3♎20	26♈48	23♌50	22♈ 2	27°R57	27♒20	13♌ 6	19♋14	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n15	23n42	2n47	18n45	3s 0	20n17	3s 1	5n37	0n46	23n11	0s 5	2n 0	2n17	9n56	0s35	14n25	0n29	7s15	17s10	12s13	11s52	19n28	16n17	6s16
S 2	18 0	20 4	1 48	18 58	2 44	20 23	2 58	5 22	0 45	23 10	0 5	1 58	2 17	9 56	0 35	14 25	0 29	7 16	17 10	12 14	11 54	19 26	16 16	6 16
M 3	17 44	15 40	0 45	19 10	2 28	20 29	2 55	5 7	0 45	23 10	0 5	1 56	2 16	9 56	0 35	14 24	0 29	7 16	17 11	12 15	11 55	19 23	16 15	6 16
T 4	17 29	10 39	0s20	19 22	2 12	20 35	2 51	4 51	0 44	23 9	0 5	1 53	2 16	9 56	0 35	14 23	0 29	7 17	17 11	12 15	11 56	19 20	16 14	6 16
W 5	17 13	5 15	1 25	19 32	1 55	20 40	2 48	4 36	0 44	23 8	0 5	1 51	2 16	9 56	0 35	14 22	0 29	7 17	17 11	12 14	11 57	19 18	16 13	6 17
T 6	16 56	0s23	2 26	19 40	1 39	20 45	2 44	4 20	0 43	23 8	0 5	1 48	2 16	9 56	0 35	14 22	0 29	7 17	17 12	12 14	11 58	19 15	16 12	6 17
F 7	16 40	6 4	3 22	19 48	1 22	20 49	2 41	4 5	0 42	23 7	0 5	1 46	2 16	9 56	0 35	14 21	0 29	7 18	17 12	12 14	11 59	19 12	16 11	6 17
S 8	16 23	11 38	4 10	19 53	1 6	20 53	2 37	3 49	0 42	23 6	0 5	1 44	2 16	9 56	0 35	14 20	0 29	7 18	17 12	12 13	12 0	19 10	16 10	6 18
S 9	16 6	16 50	4 47	19 56	0 50	20 56	2 33	3 34	0 41	23 6	0 5	1 41	2 16	9 55	0 35	14 20	0 29	7 19	17 13	12 13	12 1	19 7	16 9	6 18
M10	15 49	21 26	5 10	19 58	0 35	20 59	2 30	3 18	0 40	23 5	0 4	1 39	2 15	9 55	0 35	14 19	0 29	7 19	17 13	12 13	12 2	19 5	16 8	6 18
T 11	15 31	25 6	5 17	19 57	0 20	21 1	2 26	3 2	0 40	23 4	0 4	1 36	2 15	9 55	0 35	14 18	0 29	7 19	17 13	12 13	12 4	19 2	16 7	6 19
W12	15 13	27 26	5 7	19 53	0 6	21 3	2 22	2 47	0 39	23 3	0 4	1 34	2 15	9 55	0 35	14 17	0 29	7 20	17 14	12 13	12 5	18 59	16 5	6 19
T 13	14 55	28 5	4 38	19 47	0n 7	21 5	2 18	2 31	0 38	23 2	0 4	1 31	2 15	9 55	0 35	14 17	0 29	7 20	17 14	12 13	12 6	18 57	16 4	6 19
F 14	14 37	26 49	3 50	19 39	0 20	21 6	2 14	2 15	0 38	23 2	0 4	1 29	2 15	9 55	0 35	14 16	0 29	7 21	17 14	12 14	12 7	18 54	16 3	6 20
S 15	14 18	23 38	2 46	19 28	0 32	21 7	2 10	1 59	0 37	23 1	0 4	1 26	2 15	9 54	0 35	14 15	0 29	7 21	17 15	12 14	12 8	18 51	16 2	6 20
S 16	14 0	18 47	1 29	19 13	0 43	21 7	2 6	1 44	0 37	23 0	0 4	1 23	2 15	9 54	0 35	14 14	0 29	7 22	17 15	12 14	12 9	18 49	16 1	6 20
M17	13 41	12 43	0 6	18 57	0 54	21 6	2 2	1 28	0 36	22 59	0 4	1 21	2 15	9 54	0 35	14 14	0 29	7 22	17 15	12 14	12 10	18 46	16 0	6 21
T 18	13 21	5 58	1n17	18 37	1 3	21 5	1 58	1 12	0 35	22 58	0 4	1 18	2 14	9 54	0 35	14 13	0 29	7 23	17 16	12 14	12 11	18 43	15 59	6 21
W19	13 2	1n 1	2 33	18 15	1 12	21 4	1 54	0 56	0 35	22 57	0 4	1 16	2 14	9 53	0 35	14 12	0 29	7 23	17 16	12 14	12 12	18 41	15 58	6 21
T 20	12 42	7 45	3 38	17 50	1 19	21 2	1 50	0 40	0 34	22 57	0 4	1 13	2 14	9 53	0 35	14 12	0 29	7 24	17 16	12 14	12 13	18 38	15 57	6 22
F 21	12 23	13 54	4 27	17 22	1 26	20 59	1 46	0 24	0 33	22 56	0 3	1 10	2 14	9 53	0 35	14 11	0 29	7 24	17 16	12 14	12 15	18 35	15 56	6 22
S 22	12 3	19 11	5 0	16 52	1 31	20 56	1 42	0 8	0 33	22 55	0 3	1 8	2 14	9 52	0 35	14 10	0 29	7 25	17 17	12 14	12 16	18 33	15 54	6 22
S 23	11 42	23 22	5 16	16 20	1 36	20 52	1 38	0s 8	0 32	22 54	0 3	1 5	2 14	9 52	0 35	14 9	0 29	7 25	17 17	12 14	12 17	18 30	15 53	6 23
M24	11 22	26 17	5 16	15 46	1 40	20 48	1 34	0 24	0 32	22 53	0 3	1 2	2 14	9 51	0 35	14 9	0 29	7 25	17 17	12 14	12 18	18 27	15 52	6 23
T 25	11 1	27 51	5 0	15 10	1 43	20 44	1 30	0 40	0 31	22 52	0 3	0 59	2 14	9 51	0 35	14 8	0 29	7 26	17 18	12 14	12 19	18 24	15 51	6 24
W26	10 41	28 1	4 32	14 32	1 45	20 38	1 26	0 56	0 30	22 51	0 3	0 57	2 14	9 51	0 35	14 7	0 29	7 26	17 18	12 14	12 20	18 22	15 50	6 24
T 27	10 20	26 52	3 51	13 53	1 46	20 33	1 21	1 12	0 30	22 50	0 3	0 54	2 14	9 50	0 35	14 7	0 29	7 27	17 18	12 14	12 21	18 19	15 49	6 25
F 28	9 58	24 30	3 2	13 12	1 47	20 26	1 17	1 28	0 29	22 49	0 3	0 51	2 14	9 50	0 35	14 6	0 29	7 27	17 18	12 13	12 22	18 16	15 48	6 25
S 29	9 37	21 6	2 5	12 30	1 47	20 19	1 13	1 44	0 28	22 48	0 3	0 48	2 13	9 49	0 35	14 5	0 29	7 28	17 19	12 13	12 23	18 14	15 46	6 25
S 30	9 16	16 51	1 2	11 47	1 46	20 12	1 9	2 0	0 28	22 47	0 3	0 46	2 13	9 49	0 35	14 4	0 29	7 28	17 19	12 13	12 24	18 11	15 45	6 26
M31	8n54	11n58	0s 3	11n 3	1n45	20n 4	1s 5	2s17	0n27	22n46	0s 2	0n43	2n13	9n48	0s35	14n 4	0n29	7s29	17s19	12s13	12s26	18n 8	15n44	6s26

Julian Day Number = 2304929.5, Delta T = 90.72 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'17, Lahiri = 18°15'17Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1598
geocentric

SEPTEMBER 1598 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 22	8♍ 7'36	10♍25	7♍39	26♋24	7♎25	13♋36	3♎26	26°R46	23♌53	22°R 1	27°R56	27♒17	13♌13	19♋19	T 1
W 2	22 43 19	9° 5'52	22°26	9°33	27°32	8° 4	13°47	3°33	26♈45	23°55	22♈ 1	27♒56	27°14	13°20	19°24	W 2
T 3	22 47 16	10° 4'10	4♎36	11°26	28°40	8°44	13°57	3°40	26°44	23°57	22° 0	27°54	27°11	13°26	19°29	T 3
F 4	22 51 12	11° 2'30	16°56	13°18	29°49	9°23	14° 7	3°47	26°42	23°59	21°59	27°53	27° 7	13°33	19°34	F 4
S 5	22 55 9	12° 0'51	29°28	15°10	0♌57	10° 3	14°17	3°54	26°41	24° 1	21°58	27°51	27° 4	13°40	19°39	S 5
S 6	22 59 5	12°59'14	12♏15	17° 0	2° 6	10°42	14°27	4° 1	26°39	24° 3	21°57	27°49	27° 1	13°46	19°44	S 6
M 7	23 3 2	13°57'39	25°17	18°49	3°15	11°22	14°36	4° 8	26°37	24° 5	21°57	27°47	26°58	13°53	19°49	M 7
T 8	23 6 58	14°56'05	8♐38	20°36	4°24	12° 1	14°46	4°16	26°36	24° 8	21°56	27°D46	26°55	13°59	19°54	T 8
W 9	23 10 55	15°54'33	22°19	22°23	5°33	12°41	14°56	4°23	26°34	24°10	21°55	27°46	26°51	14° 6	19°59	W 9
T 10	23 14 51	16°53'02	6♑20	24° 9	6°42	13°21	15° 5	4°30	26°32	24°12	21°54	27°47	26°48	14°13	20° 3	T 10
F 11	23 18 48	17°51'33	20°40	25°53	7°52	14° 0	15°14	4°37	26°31	24°14	21°53	27°48	26°45	14°19	20° 8	F 11
S 12	23 22 45	18°50'06	5♒17	27°37	9° 1	14°40	15°24	4°44	26°29	24°16	21°52	27°50	26°42	14°26	20°13	S 12
S 13	23 26 41	19°48'41	20° 8	29°19	10°11	15°20	15°33	4°51	26°27	24°18	21°51	27°51	26°39	14°33	20°17	S 13
M14	23 30 38	20°47'17	5♓ 5	1♎ 1	11°20	16° 0	15°42	4°58	26°25	24°20	21°50	27°R51	26°36	14°39	20°21	M14
T 15	23 34 34	21°45'54	20° 1	2°41	12°30	16°40	15°51	5° 6	26°23	24°22	21°49	27°49	26°32	14°46	20°26	T 15
W16	23 38 31	22°44'34	4♈47	4°21	13°40	17°20	15°59	5°13	26°22	24°24	21°48	27°47	26°29	14°53	20°30	W16
T 17	23 42 27	23°43'16	19°17	5°59	14°51	18° 0	16° 8	5°20	26°20	24°26	21°47	27°44	26°26	14°59	20°34	T 17
F 18	23 46 24	24°42'00	3♉24	7°37	16° 1	18°40	16°16	5°27	26°18	24°28	21°46	27°40	26°23	15° 6	20°38	F 18
S 19	23 50 20	25°40'47	17° 5	9°13	17°11	19°20	16°25	5°35	26°16	24°30	21°45	27°36	26°20	15°13	20°43	S 19
S 20	23 54 17	26°39'35	0♊20	10°49	18°22	20° 1	16°33	5°42	26°14	24°32	21°44	27°32	26°17	15°19	20°47	S 20
M21	23 58 14	27°38'26	13°10	12°24	19°33	20°41	16°41	5°49	26°12	24°34	21°43	27°30	26°13	15°26	20°50	M21
T 22	0 2 10	28°37'19	25°38	13°57	20°43	21°21	16°49	5°57	26° 9	24°36	21°42	27°D29	26°10	15°33	20°54	T 22
W23	0 6 7	29°36'15	7♋48	15°30	21°54	22° 2	16°57	6° 4	26° 7	24°38	21°41	27°29	26° 7	15°39	20°58	W23
T 24	0 10 3	0♎35'13	19°46	17° 2	23° 5	22°42	17° 5	6°11	26° 5	24°40	21°40	27°31	26° 4	15°46	21° 2	T 24
F 25	0 14 0	1°34'13	1♌36	18°33	24°17	23°23	17°12	6°19	26° 3	24°41	21°39	27°32	26° 1	15°53	21° 5	F 25
S 26	0 17 56	2°33'15	13°23	20° 4	25°28	24° 3	17°20	6°26	26° 1	24°43	21°38	27°34	25°57	15°59	21° 9	S 26
S 27	0 21 53	3°32'20	25°11	21°33	26°39	24°44	17°27	6°33	25°59	24°45	21°37	27°R35	25°54	16° 6	21°13	S 27
M28	0 25 49	4°31'26	7♍ 5	23° 1	27°51	25°25	17°34	6°41	25°56	24°47	21°36	27°35	25°51	16°12	21°16	M28
T 29	0 29 46	5°30'35	19° 7	24°29	29° 2	26° 6	17°41	6°48	25°54	24°49	21°35	27°32	25°48	16°19	21°19	T 29
W30	0 33 43	6♎29'46	1♎20	25♎56	0♍14	26♎46	17♋48	6♎56	25♈52	24♌51	21♈34	27♒28	25♒45	16♌26	21♋22	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n32	6n37	1s 9	10n19	1n43	19n56	1s 1	2s33	0n26	22n45	0s 2	0n40	2n13	9n48	0s35	14n 3	0n29	7s29	17s19	12s13	12s27	18n 5	15n43	6s27
W 2	8 11	1 0	2 12	9 33	1 40	19 46	0 57	2 49	0 26	22 45	0 2	0 37	2 13	9 47	0 35	14 2	0 29	7 30	17 20	12 13	12 28	18 3	15 42	6 27
T 3	7 49	4s44	3 9	8 47	1 37	19 37	0 53	3 5	0 25	22 44	0 2	0 34	2 13	9 47	0 35	14 2	0 29	7 30	17 20	12 14	12 29	18 0	15 41	6 28
F 4	7 26	10 21	3 59	8 1	1 34	19 27	0 49	3 21	0 25	22 43	0 2	0 32	2 13	9 46	0 35	14 1	0 29	7 31	17 20	12 14	12 30	17 57	15 39	6 28
S 5	7 4	15 39	4 38	7 15	1 30	19 16	0 45	3 37	0 24	22 42	0 2	0 29	2 13	9 46	0 35	14 0	0 29	7 31	17 20	12 15	12 31	17 54	15 38	6 29
S 6	6 42	20 22	5 5	6 28	1 26	19 5	0 41	3 53	0 23	22 41	0 2	0 26	2 13	9 45	0 35	13 59	0 29	7 32	17 21	12 16	12 32	17 52	15 37	6 29
M 7	6 19	24 14	5 16	5 41	1 21	18 53	0 37	4 9	0 23	22 40	0 2	0 23	2 13	9 45	0 35	13 59	0 29	7 32	17 21	12 16	12 33	17 49	15 36	6 30
T 8	5 57	26 54	5 10	4 54	1 16	18 41	0 33	4 25	0 22	22 39	0 2	0 20	2 13	9 44	0 35	13 58	0 29	7 33	17 21	12 16	12 34	17 46	15 35	6 30
W 9	5 34	28 3	4 48	4 7	1 11	18 28	0 29	4 41	0 21	22 38	0 2	0 17	2 13	9 43	0 35	13 57	0 29	7 33	17 21	12 16	12 35	17 43	15 33	6 31
T 10	5 11	27 28	4 7	3 20	1 6	18 15	0 25	4 57	0 21	22 37	0 1	0 14	2 13	9 43	0 35	13 57	0 29	7 34	17 21	12 16	12 36	17 41	15 32	6 31
F 11	4 49	25 3	3 11	2 33	1 0	18 1	0 21	5 14	0 20	22 36	0 1	0 12	2 13	9 42	0 35	13 56	0 29	7 34	17 22	12 16	12 37	17 38	15 31	6 32
S 12	4 26	20 57	2 1	1 46	0 54	17 46	0 17	5 30	0 20	22 35	0 1	0 9	2 13	9 41	0 35	13 55	0 29	7 35	17 22	12 15	12 39	17 35	15 30	6 32
S 13	4 3	15 29	0 42	1 0	0 48	17 31	0 13	5 46	0 19	22 34	0 1	0 6	2 13	9 41	0 35	13 55	0 29	7 36	17 22	12 15	12 40	17 32	15 29	6 33
M14	3 40	9 3	0n40	0 13	0 41	17 16	0 9	6 2	0 18	22 33	0 1	0 3	2 13	9 40	0 35	13 54	0 29	7 36	17 22	12 15	12 41	17 30	15 28	6 34
T 15	3 16	2 8	1 59	0s33	0 35	17 0	0 6	6 17	0 18	22 32	0 1	0s 0	2 13	9 39	0 35	13 53	0 29	7 37	17 22	12 15	12 42	17 27	15 26	6 34
W16	2 53	4n48	3 9	1 18	0 28	16 44	0 2	6 33	0 17	22 31	0 1	0 3	2 13	9 39	0 35	13 53	0 29	7 37	17 23	12 16	12 43	17 24	15 25	6 35
T 17	2 30	11 21	4 6	2 4	0 21	16 27	0n 2	6 49	0 16	22 30	0 1	0 6	2 13	9 38	0 35	13 52	0 29	7 38	17 23	12 17	12 44	17 21	15 24	6 35
F 18	2 7	17 9	4 46	2 49	0 14	16 10	0 5	7 5	0 16	22 29	0 1	0 9	2 13	9 37	0 35	13 51	0 29	7 38	17 23	12 19	12 45	17 18	15 23	6 36
S 19	1 43	21 54	5 8	3 33	0 7	15 52	0 9	7 21	0 15	22 28	0 0	0 12	2 13	9 37	0 35	13 51	0 29	7 39	17 23	12 20	12 46	17 16	15 22	6 36
S 20	1 20	25 22	5 13	4 17	0 0	15 33	0 13	7 37	0 15	22 28	0 0	0 15	2 13	9 36	0 35	13 50	0 29	7 39	17 23	12 21	12 47	17 13	15 21	6 37
M21	0 56	27 25	5 2	5 1	0s 7	15 15	0 16	7 53	0 14	22 27	0 0	0 17	2 13	9 35	0 35	13 49	0 29	7 40	17 23	12 22	12 48	17 10	15 19	6 38
T 22	0 33	28 2	4 37	5 44	0 14	14 55	0 19	8 8	0 13	22 26	0 0	0 20	2 13	9 34	0 35	13 49	0 29	7 40	17 23	12 22	12 49	17 7	15 18	6 38
W23	0 9	27 15	3 59	6 27	0 22	14 36	0 23	8 24	0 13	22 25	0 0	0 23	2 13	9 33	0 35	13 48	0 29	7 41	17 24	12 22	12 50	17 4	15 17	6 39
T 24	0s14	25 12	3 12	7 9	0 29	14 16	0 26	8 40	0 12	22 24	0n 0	0 26	2 13	9 33	0 35	13 48	0 29	7 41	17 24	12 22	12 52	17 2	15 16	6 39
F 25	0 38	22 5	2 17	7 51	0 36	13 55	0 29	8 55	0 12	22 23	0 0	0 29	2 13	9 32	0 35	13 47	0 29	7 42	17 24	12 21	12 53	16 59	15 15	6 40
S 26	1 1	18 4	1 17	8 32	0 44	13 34	0 33	9 11	0 11	22 22	0 0	0 32	2 13	9 31	0 36	13 46	0 29	7 42	17 24	12 21	12 54	16 56	15 14	6 41
S 27	1 25	13 22	0 13	9 12	0 51	13 13	0 36	9 27	0 10	22 22	0 0	0 35	2 13	9 30	0 36	13 46	0 29	7 42	17 24	12 20	12 55	16 53	15 12	6 41
M28	1 48	8 8	0s52	9 52	0 58	12 51	0 39	9 42	0 10	22 21	0 1	0 38	2 13	9 30	0 36	13 45	0 30	7 43	17 24	12 21	12 56	16 50	15 11	6 42
T 29	2 12	2 33	1 55	10 31	1 5	12 29	0 42	9 57	0 9	22 20	0 1	0 41	2 13	9 29	0 36	13 45	0 30	7 43	17 24	12 21	12 57	16 48	15 10	6 43
W30	2s35	3s11	2s53	11s10	1s12	12n 7	0n45	10s13	0n 8	22n19	0n 1	0s44	2n13	9n28	0s36	13n44	0n30	7s44	17s24	12s23	12s58	16n45	15n 9	6s43

Julian Day Number = 2304960.5, Delta T = 90.60 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'21, Lahiri = 18°15'21Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1598
geocentric

OCTOBER 1598 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 37 39	7♎28'59	13♎45	27♎21	1♍26	27♎27	17♋55	7♎ 3	25°R50	24♌52	21°R33	27°R22	25♒42	16♌32	21♋26	T 1
F 2	0 41 36	8°28'14	26°23	28°46	2°38	28° 8	18° 1	7°10	25♈47	24°54	21♈31	27♒15	25°38	16°39	21°29	F 2
S 3	0 45 32	9°27'31	9♏15	0♏10	3°49	28°49	18° 8	7°18	25°45	24°56	21°30	27° 8	25°35	16°46	21°32	S 3
S 4	0 49 29	10°26'50	22°19	1°33	5° 2	29°30	18°14	7°25	25°43	24°57	21°29	27° 1	25°32	16°52	21°35	S 4
M 5	0 53 25	11°26'11	5♐35	2°55	6°14	0♏11	18°20	7°32	25°40	24°59	21°28	26°54	25°29	16°59	21°37	M 5
T 6	0 57 22	12°25'34	19° 5	4°16	7°26	0°53	18°26	7°40	25°38	25° 1	21°27	26°50	25°26	17° 6	21°40	T 6
W 7	1 1 18	13°24'59	2♑46	5°35	8°38	1°34	18°32	7°47	25°36	25° 2	21°26	26°48	25°23	17°12	21°43	W 7
T 8	1 5 15	14°24'26	16°40	6°54	9°51	2°15	18°37	7°54	25°33	25° 4	21°25	26°D47	25°19	17°19	21°45	T 8
F 9	1 9 12	15°23'54	0♒46	8°11	11° 3	2°56	18°43	8° 2	25°31	25° 6	21°24	26°48	25°16	17°26	21°48	F 9
S 10	1 13 8	16°23'24	15° 4	9°27	12°16	3°38	18°48	8° 9	25°28	25° 7	21°22	26°49	25°13	17°32	21°50	S 10
S 11	1 17 5	17°22'55	29°30	10°41	13°28	4°19	18°53	8°16	25°26	25° 9	21°21	26°R49	25°10	17°39	21°52	S 11
M12	1 21 1	18°22'28	14♓ 3	11°54	14°41	5° 1	18°58	8°24	25°24	25°10	21°20	26°48	25° 7	17°45	21°55	M12
T 13	1 24 58	19°22'03	28°37	13° 5	15°54	5°42	19° 3	8°31	25°21	25°12	21°19	26°45	25° 3	17°52	21°57	T 13
W14	1 28 54	20°21'40	13♈ 5	14°15	17° 7	6°24	19° 8	8°38	25°19	25°13	21°18	26°39	25° 0	17°59	21°59	W14
T 15	1 32 51	21°21'19	27°23	15°22	18°20	7° 6	19°12	8°46	25°16	25°15	21°17	26°31	24°57	18° 5	22° 1	T 15
F 16	1 36 47	22°21'01	11♉23	16°28	19°33	7°47	19°16	8°53	25°14	25°16	21°16	26°21	24°54	18°12	22° 3	F 16
S 17	1 40 44	23°20'44	25° 2	17°30	20°46	8°29	19°20	9° 0	25°11	25°17	21°14	26°12	24°51	18°19	22° 4	S 17
S 18	1 44 40	24°20'29	8♊17	18°31	21°59	9°11	19°24	9° 7	25° 9	25°19	21°13	26° 3	24°48	18°25	22° 6	S 18
M19	1 48 37	25°20'17	21° 9	19°28	23°12	9°53	19°28	9°14	25° 6	25°20	21°12	25°56	24°44	18°32	22° 8	M19
T 20	1 52 34	26°20'07	3♋39	20°22	24°25	10°35	19°32	9°22	25° 4	25°21	21°11	25°51	24°41	18°39	22° 9	T 20
W21	1 56 30	27°19'59	15°50	21°13	25°39	11°17	19°35	9°29	25° 1	25°23	21°10	25°48	24°38	18°45	22°10	W21
T 22	2 0 27	28°19'53	27°49	21°59	26°52	11°59	19°38	9°36	24°59	25°24	21° 9	25°D47	24°35	18°52	22°12	T 22
F 23	2 4 23	29°19'50	9♌39	22°42	28° 6	12°41	19°41	9°43	24°57	25°25	21° 8	25°47	24°32	18°59	22°13	F 23
S 24	2 8 20	0♏19'48	21°26	23°19	29°19	13°23	19°44	9°50	24°54	25°26	21° 7	25°R48	24°28	19° 5	22°14	S 24
S 25	2 12 16	1°19'49	3♍16	23°51	0♎33	14° 6	19°47	9°57	24°52	25°27	21° 5	25°48	24°25	19°12	22°15	S 25
M26	2 16 13	2°19'52	15°14	24°17	1°47	14°48	19°49	10° 4	24°49	25°28	21° 4	25°46	24°22	19°19	22°16	M26
T 27	2 20 9	3°19'57	27°23	24°36	3° 1	15°30	19°51	10°11	24°47	25°29	21° 3	25°41	24°19	19°25	22°17	T 27
W28	2 24 6	4°20'04	9♎47	24°49	4°14	16°13	19°53	10°18	24°44	25°31	21° 2	25°34	24°16	19°32	22°17	W28
T 29	2 28 3	5°20'13	22°28	24°R53	5°28	16°55	19°55	10°25	24°42	25°32	21° 1	25°25	24°13	19°38	22°18	T 29
F 30	2 31 59	6°20'24	5♏26	24°49	6°42	17°38	19°57	10°32	24°40	25°33	21° 0	25°13	24° 9	19°45	22°18	F 30
S 31	2 35 56	7♏20'37	18♏41	24♏36	7♎56	18♏20	19♋59	10♎39	24♈37	25♌34	20♈59	25♒ 1	24♒ 6	19♌52	22♋19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s59	8s53	3s44	11s48	1s20	11n44	0n48	10s28	0n 8	22n18	0n 1	0s46	2n13	9n27	0s36	13n44	0n30	7s44	17s24	12s25	12s59	16n42	15n 8	6s44
F 2	3 22	14 20	4 26	12 25	1 27	11 21	0 51	10 43	0 7	22 18	0 1	0 49	2 13	9 26	0 36	13 43	0 30	7 45	17 24	12 27	13 0	16 39	15 7	6 44
S 3	3 45	19 15	4 54	13 1	1 34	10 57	0 53	10 59	0 7	22 17	0 1	0 52	2 13	9 25	0 36	13 42	0 30	7 45	17 25	12 30	13 1	16 36	15 6	6 45
S 4	4 9	23 20	5 8	13 36	1 40	10 33	0 56	11 14	0 6	22 16	0 1	0 55	2 13	9 24	0 36	13 42	0 30	7 46	17 25	12 32	13 2	16 33	15 5	6 46
M 5	4 32	26 17	5 5	14 11	1 47	10 9	0 59	11 29	0 5	22 15	0 1	0 58	2 13	9 24	0 36	13 41	0 30	7 46	17 25	12 34	13 3	16 30	15 4	6 46
T 6	4 55	27 48	4 46	14 45	1 54	9 45	1 1	11 44	0 5	22 15	0 1	1 1	2 13	9 23	0 36	13 41	0 30	7 47	17 25	12 36	13 4	16 28	15 3	6 47
W 7	5 18	27 38	4 10	15 18	2 0	9 20	1 4	11 59	0 4	22 14	0 2	1 4	2 13	9 22	0 36	13 40	0 30	7 47	17 25	12 37	13 6	16 25	15 1	6 48
T 8	5 42	25 45	3 19	15 50	2 6	8 55	1 6	12 14	0 3	22 13	0 2	1 7	2 13	9 21	0 36	13 40	0 30	7 48	17 25	12 37	13 7	16 22	15 0	6 48
F 9	6 5	22 14	2 16	16 21	2 12	8 29	1 8	12 29	0 3	22 13	0 2	1 9	2 13	9 20	0 36	13 39	0 30	7 48	17 25	12 37	13 8	16 19	14 59	6 49
S 10	6 28	17 21	1 3	16 51	2 18	8 4	1 11	12 43	0 2	22 12	0 2	1 12	2 13	9 19	0 36	13 39	0 30	7 48	17 25	12 36	13 9	16 16	14 58	6 50
S 11	6 50	11 27	0n14	17 20	2 24	7 38	1 13	12 58	0 2	22 12	0 2	1 15	2 13	9 18	0 36	13 38	0 30	7 49	17 25	12 36	13 10	16 13	14 57	6 51
M12	7 13	4 53	1 31	17 48	2 29	7 12	1 15	13 12	0 1	22 11	0 2	1 18	2 13	9 17	0 36	13 38	0 30	7 49	17 25	12 36	13 11	16 10	14 56	6 51
T 13	7 36	1n56	2 42	18 15	2 34	6 45	1 17	13 27	0 0	22 10	0 2	1 21	2 13	9 17	0 36	13 37	0 30	7 50	17 25	12 38	13 12	16 8	14 55	6 52
W14	7 58	8 35	3 42	18 40	2 38	6 19	1 19	13 41	0s 0	22 10	0 2	1 24	2 13	9 16	0 36	13 37	0 30	7 50	17 25	12 40	13 13	16 5	14 54	6 53
T 15	8 21	14 43	4 27	19 5	2 43	5 52	1 21	13 56	0 1	22 9	0 3	1 26	2 13	9 15	0 36	13 36	0 30	7 50	17 25	12 42	13 14	16 2	14 53	6 53
F 16	8 43	19 57	4 55	19 27	2 47	5 25	1 23	14 10	0 2	22 9	0 3	1 29	2 13	9 14	0 36	13 36	0 30	7 51	17 25	12 46	13 15	15 59	14 52	6 54
S 17	9 5	24 0	5 5	19 49	2 50	4 58	1 24	14 24	0 2	22 9	0 3	1 32	2 13	9 13	0 36	13 35	0 30	7 51	17 25	12 49	13 16	15 56	14 51	6 55
S 18	9 27	26 39	4 58	20 9	2 53	4 30	1 26	14 38	0 3	22 8	0 3	1 35	2 13	9 12	0 36	13 35	0 30	7 52	17 25	12 52	13 17	15 53	14 50	6 55
M19	9 49	27 48	4 36	20 27	2 56	4 3	1 28	14 52	0 3	22 8	0 3	1 37	2 14	9 11	0 35	13 35	0 30	7 52	17 25	12 54	13 18	15 50	14 49	6 56
T 20	10 11	27 28	4 2	20 44	2 58	3 35	1 29	15 6	0 4	22 7	0 3	1 40	2 14	9 10	0 35	13 34	0 30	7 52	17 25	12 56	13 19	15 47	14 49	6 57
W21	10 33	25 48	3 17	20 59	2 59	3 7	1 30	15 19	0 5	22 7	0 3	1 43	2 14	9 9	0 35	13 34	0 30	7 53	17 25	12 57	13 20	15 44	14 48	6 58
T 22	10 54	23 0	2 24	21 12	3 0	2 39	1 32	15 33	0 5	22 7	0 3	1 46	2 14	9 9	0 35	13 33	0 30	7 53	17 25	12 57	13 21	15 41	14 47	6 58
F 23	11 16	19 15	1 25	21 23	3 0	2 11	1 33	15 46	0 6	22 6	0 4	1 48	2 14	9 8	0 35	13 33	0 30	7 53	17 25	12 57	13 23	15 39	14 46	6 59
S 24	11 37	14 45	0 23	21 32	2 59	1 42	1 34	16 0	0 6	22 6	0 4	1 51	2 14	9 7	0 35	13 33	0 30	7 54	17 25	12 57	13 24	15 36	14 45	7 0
S 25	11 58	9 43	0s40	21 38	2 57	1 14	1 35	16 13	0 7	22 6	0 4	1 54	2 14	9 6	0 35	13 32	0 30	7 54	17 24	12 57	13 25	15 33	14 44	7 0
M26	12 19	4 16	1 42	21 42	2 54	0 46	1 36	16 26	0 8	22 6	0 4	1 56	2 14	9 5	0 35	13 32	0 30	7 55	17 24	12 58	13 26	15 30	14 43	7 1
T 27	12 39	1s24	2 40	21 43	2 50	0 17	1 37	16 39	0 8	22 5	0 4	1 59	2 14	9 4	0 35	13 32	0 30	7 55	17 24	12 59	13 27	15 27	14 42	7 2
W28	13 0	7 7	3 31	21 41	2 45	0s11	1 38	16 52	0 9	22 5	0 4	2 2	2 14	9 3	0 35	13 31	0 30	7 55	17 24	13 2	13 28	15 24	14 42	7 3
T 29	13 20	12 41	4 14	21 35	2 38	0 40	1 39	17 5	0 9	22 5	0 4	2 4	2 14	9 2	0 35	13 31	0 30	7 55	17 24	13 5	13 29	15 21	14 41	7 3
F 30	13 40	17 49	4 44	21 26	2 30	1 9	1 39	17 17	0 10	22 5	0 5	2 7	2 15	9 2	0 35	13 31	0 30	7 56	17 24	13 9	13 30	15 18	14 40	7 4
S 31	14s 0	22s13	5s 0	21s14	2s21	1s38	1n40	17s30	0s11	22n 5	0n 5	2s10	2n15	9n 1	0s35	13n30	0n30	7s56	17s24	13s13	13s31	15n15	14n39	7s 5

Julian Day Number = 2304990.5, Delta T = 90.49 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'25, Lahiri = 18°15'26Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1598
geocentric

NOVEMBER 1598 GC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 39 52	8♏20'51	2♐ 9	24°R13	9♎10	19♏ 3	20♋ 0	10♎46	24°R35	25♌34	20°R58	24°R48	24♒ 3	19♌58	22♋19	S 1
M 2	2 43 49	9°21'08	15°50	23♏41	10°25	19°46	20° 1	10°52	24♈32	25°35	20♈57	24♒38	24° 0	20° 5	22°19	M 2
T 3	2 47 45	10°21'26	29°39	22°58	11°39	20°28	20° 2	10°59	24°30	25°36	20°56	24°30	23°57	20°12	22°19	T 3
W 4	2 51 42	11°21'45	13♑34	22° 6	12°53	21°11	20° 2	11° 6	24°28	25°37	20°54	24°24	23°54	20°18	22°R19	W 4
T 5	2 55 39	12°22'06	27°34	21° 5	14° 7	21°54	20° 3	11°13	24°25	25°38	20°53	24°22	23°50	20°25	22°19	T 5
F 6	2 59 35	13°22'28	11♒37	19°57	15°21	22°37	20° 3	11°19	24°23	25°39	20°52	24°D21	23°47	20°32	22°19	F 6
S 7	3 3 32	14°22'52	25°42	18°42	16°36	23°20	20°R 3	11°26	24°21	25°39	20°51	24°R21	23°44	20°38	22°19	S 7
S 8	3 7 28	15°23'16	9♓50	17°23	17°50	24° 3	20° 3	11°32	24°19	25°40	20°50	24°21	23°41	20°45	22°18	S 8
M 9	3 11 25	16°23'43	23°58	16° 2	19° 4	24°46	20° 3	11°39	24°16	25°41	20°49	24°18	23°38	20°52	22°18	M 9
T 10	3 15 21	17°24'10	8♈ 5	14°43	20°19	25°29	20° 2	11°45	24°14	25°41	20°48	24°13	23°34	20°58	22°17	T 10
W11	3 19 18	18°24'39	22° 7	13°27	21°33	26°12	20° 2	11°52	24°12	25°42	20°47	24° 4	23°31	21° 5	22°17	W11
T 12	3 23 14	19°25'10	6♉ 0	12°17	22°48	26°56	20° 1	11°58	24°10	25°43	20°46	23°53	23°28	21°11	22°16	T 12
F 13	3 27 11	20°25'41	19°42	11°15	24° 2	27°39	20° 0	12° 4	24° 8	25°43	20°45	23°41	23°25	21°18	22°15	F 13
S 14	3 31 7	21°26'15	3♊ 6	10°23	25°17	28°22	19°58	12°11	24° 6	25°44	20°44	23°27	23°22	21°25	22°14	S 14
S 15	3 35 4	22°26'50	16°13	9°41	26°32	29° 6	19°57	12°17	24° 3	25°44	20°43	23°15	23°19	21°31	22°13	S 15
M16	3 39 1	23°27'27	28°59	9°12	27°46	29°49	19°55	12°23	24° 1	25°45	20°42	23° 4	23°15	21°38	22°12	M16
T 17	3 42 57	24°28'05	11♋27	8°54	29° 1	0♐33	19°53	12°29	23°59	25°45	20°42	22°56	23°12	21°45	22°11	T 17
W18	3 46 54	25°28'45	23°38	8°D47	0♏16	1°16	19°51	12°35	23°57	25°45	20°41	22°51	23° 9	21°51	22° 9	W18
T 19	3 50 50	26°29'27	5♌36	8°52	1°31	2° 0	19°49	12°41	23°55	25°46	20°40	22°48	23° 6	21°58	22° 8	T 19
F 20	3 54 47	27°30'10	17°26	9° 7	2°45	2°44	19°46	12°47	23°53	25°46	20°39	22°47	23° 3	22° 5	22° 6	F 20
S 21	3 58 43	28°30'54	29°14	9°31	4° 0	3°27	19°44	12°53	23°52	25°46	20°38	22°47	23° 0	22°11	22° 5	S 21
S 22	4 2 40	29°31'41	11♍ 4	10° 4	5°15	4°11	19°41	12°59	23°50	25°46	20°37	22°47	22°56	22°18	22° 3	S 22
M23	4 6 37	0♐32'28	23° 2	10°44	6°30	4°55	19°38	13° 5	23°48	25°47	20°36	22°45	22°53	22°25	22° 1	M23
T 24	4 10 33	1°33'18	5♎14	11°31	7°45	5°39	19°35	13°11	23°46	25°47	20°35	22°41	22°50	22°31	21°59	T 24
W25	4 14 30	2°34'08	17°44	12°24	9° 0	6°23	19°31	13°16	23°44	25°47	20°35	22°34	22°47	22°38	21°57	W25
T 26	4 18 26	3°35'00	0♏35	13°23	10°15	7° 7	19°28	13°22	23°43	25°47	20°34	22°24	22°44	22°45	21°55	T 26
F 27	4 22 23	4°35'54	13°48	14°26	11°30	7°51	19°24	13°27	23°41	25°47	20°33	22°13	22°40	22°51	21°53	F 27
S 28	4 26 19	5°36'49	27°22	15°33	12°45	8°35	19°20	13°33	23°39	25°R47	20°32	22° 0	22°37	22°58	21°51	S 28
S 29	4 30 16	6°37'44	11♐15	16°43	14° 0	9°19	19°16	13°38	23°38	25°47	20°31	21°48	22°34	23° 4	21°48	S 29
M30	4 34 12	7♐38'41	25♐23	17♏56	15♏15	10♐ 4	19♋11	13♎44	23♈36	25♌47	20♈31	21♒37	22♒31	23♌11	21♋46	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	14s19	25s31	4s59	20s57	2s 9	2s 6	1n41	17s42	0s11	22n 5	0n 5	2s12	2n15	9n 0	0s35	13n30	0n30	7s56	17s24	13s17	13s32	15n12	14n38	7s 5	S 1
M 2	14 39	27 24	4 41	20 37	1 56	2 35	1 41	17 54	0 12	22 5	0 5	2 15	2 15	8 59	0 35	13 30	0 30	7 57	17 24	13 21	13 33	15 9	14 38	7 6	M 2
T 3	14 58	27 37	4 7	20 12	1 42	3 4	1 41	18 7	0 13	22 5	0 5	2 17	2 15	8 58	0 35	13 29	0 30	7 57	17 24	13 23	13 34	15 6	14 37	7 7	T 3
W 4	15 16	26 5	3 18	19 43	1 26	3 32	1 42	18 18	0 13	22 5	0 5	2 20	2 15	8 57	0 35	13 29	0 30	7 57	17 23	13 25	13 35	15 3	14 36	7 8	W 4
T 5	15 35	22 56	2 17	19 10	1 8	4 1	1 42	18 30	0 14	22 5	0 5	2 22	2 15	8 56	0 35	13 29	0 30	7 57	17 23	13 26	13 36	15 0	14 36	7 8	T 5
F 6	15 53	18 25	1 7	18 33	0 49	4 30	1 42	18 42	0 14	22 5	0 6	2 25	2 15	8 56	0 35	13 29	0 30	7 58	17 23	13 26	13 37	14 57	14 35	7 9	F 6
S 7	16 11	12 52	0n 7	17 53	0 29	4 58	1 42	18 53	0 15	22 5	0 6	2 27	2 16	8 55	0 35	13 29	0 31	7 58	17 23	13 26	13 38	14 55	14 34	7 10	S 7
S 8	16 29	6 39	1 21	17 12	0 8	5 27	1 42	19 5	0 16	22 5	0 6	2 30	2 16	8 54	0 35	13 28	0 31	7 58	17 23	13 26	13 39	14 52	14 34	7 10	S 8
M 9	16 47	0 7	2 30	16 29	0n12	5 55	1 42	19 16	0 16	22 5	0 6	2 32	2 16	8 53	0 35	13 28	0 31	7 58	17 23	13 27	13 40	14 49	14 33	7 11	M 9
T 10	17 4	6n25	3 29	15 46	0 33	6 23	1 42	19 27	0 17	22 6	0 6	2 34	2 16	8 52	0 35	13 28	0 31	7 58	17 22	13 29	13 42	14 46	14 32	7 12	T 10
W11	17 21	12 34	4 15	15 5	0 52	6 51	1 41	19 38	0 17	22 6	0 6	2 37	2 16	8 52	0 35	13 28	0 31	7 59	17 22	13 32	13 43	14 43	14 32	7 12	W11
T 12	17 37	18 3	4 46	14 26	1 10	7 19	1 41	19 48	0 18	22 6	0 6	2 39	2 16	8 51	0 35	13 28	0 31	7 59	17 22	13 35	13 44	14 40	14 31	7 13	T 12
F 13	17 54	22 30	4 59	13 51	1 27	7 47	1 40	19 59	0 19	22 7	0 7	2 41	2 16	8 50	0 35	13 27	0 31	7 59	17 22	13 39	13 45	14 37	14 31	7 14	F 13
S 14	18 10	25 40	4 56	13 21	1 42	8 15	1 40	20 9	0 19	22 7	0 7	2 44	2 17	8 49	0 35	13 27	0 31	7 59	17 22	13 44	13 46	14 34	14 30	7 15	S 14
S 15	18 25	27 22	4 37	12 56	1 55	8 43	1 39	20 19	0 20	22 7	0 7	2 46	2 17	8 49	0 35	13 27	0 31	7 59	17 22	13 48	13 47	14 31	14 30	7 15	S 15
M16	18 41	27 33	4 4	12 36	2 6	9 10	1 39	20 29	0 20	22 8	0 7	2 48	2 17	8 48	0 35	13 27	0 31	7 59	17 21	13 52	13 48	14 28	14 29	7 16	M16
T 17	18 56	26 19	3 20	12 22	2 14	9 37	1 38	20 39	0 21	22 8	0 7	2 50	2 17	8 47	0 35	13 27	0 31	8 0	17 21	13 54	13 49	14 25	14 29	7 17	T 17
W18	19 10	23 51	2 28	12 14	2 21	10 4	1 37	20 49	0 21	22 9	0 7	2 53	2 17	8 46	0 35	13 27	0 31	8 0	17 21	13 56	13 50	14 22	14 28	7 17	W18
T 19	19 25	20 22	1 30	12 11	2 26	10 31	1 36	20 58	0 22	22 9	0 7	2 55	2 17	8 46	0 35	13 27	0 31	8 0	17 21	13 57	13 51	14 19	14 28	7 18	T 19
F 20	19 39	16 6	0 28	12 12	2 29	10 58	1 35	21 7	0 23	22 10	0 8	2 57	2 18	8 45	0 35	13 27	0 31	8 0	17 20	13 57	13 52	14 16	14 27	7 19	F 20
S 21	19 52	11 14	0s34	12 18	2 31	11 24	1 34	21 16	0 23	22 10	0 8	2 59	2 18	8 44	0 35	13 27	0 31	8 0	17 20	13 57	13 53	14 13	14 27	7 19	S 21
S 22	20 6	5 58	1 35	12 28	2 32	11 50	1 33	21 25	0 24	22 11	0 8	3 1	2 18	8 44	0 35	13 27	0 31	8 0	17 20	13 57	13 54	14 10	14 27	7 20	S 22
M23	20 19	0 26	2 33	12 41	2 31	12 16	1 32	21 34	0 24	22 11	0 8	3 3	2 18	8 43	0 35	13 26	0 31	8 0	17 20	13 58	13 55	14 7	14 26	7 20	M23
T 24	20 31	5s13	3 25	12 58	2 29	12 41	1 31	21 42	0 25	22 12	0 8	3 5	2 18	8 42	0 35	13 26	0 31	8 0	17 19	13 59	13 56	14 4	14 26	7 21	T 24
W25	20 43	10 47	4 8	13 16	2 26	13 7	1 30	21 51	0 26	22 12	0 8	3 7	2 19	8 42	0 35	13 26	0 31	8 0	17 19	14 1	13 57	14 1	14 26	7 22	W25
T 26	20 55	16 4	4 40	13 37	2 23	13 31	1 28	21 59	0 26	22 13	0 9	3 9	2 19	8 41	0 35	13 26	0 31	8 0	17 19	14 4	13 58	13 58	14 25	7 22	T 26
F 27	21 6	20 45	4 58	14 0	2 18	13 56	1 27	22 6	0 27	22 14	0 9	3 11	2 19	8 40	0 35	13 26	0 31	8 0	17 19	14 8	13 59	13 55	14 25	7 23	F 27
S 28	21 17	24 29	5 0	14 24	2 13	14 20	1 26	22 14	0 27	22 15	0 9	3 13	2 19	8 40	0 35	13 26	0 31	8 0	17 18	14 12	14 0	13 52	14 25	7 24	S 28
S 29	21 28	26 52	4 44	14 50	2 8	14 44	1 24	22 21	0 28	22 15	0 9	3 15	2 19	8 39	0 35	13 26	0 31	8 1	17 18	14 16	14 1	13 49	14 25	7 24	S 29
M30	21s38	27s36	4s11	15s16	2n 2	15s 8	1n23	22s29	0s28	22n16	0n 9	3s17	2n20	8n39	0s35	13n27	0n31	8s 1	17s18	14s20	14s 2	13n46	14n25	7s25	M30

Julian Day Number = 2305021.5, Delta T = 90.38 sec
Ecliptic obliquity = 23°29'37, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'29, Lahiri = 18°15'30Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1598
geocentric

DECEMBER 1598 GC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 9	8♐39'39	9♑39	19♏12	16♏30	10♐48	19°R 7	13♎49	23°R34	25°R47	20°R30	21°R28	22♒28	23♌18	21°R43	T 1
W 2	4 42 6	9°40'38	23°59	20°30	17°45	11°32	19♋ 2	13°54	23♈33	25♌47	20♈29	21♒23	22°25	23°24	21♋41	W 2
T 3	4 46 2	10°41'38	8♒18	21°50	19° 0	12°17	18°57	13°59	23°32	25°47	20°29	21°20	22°21	23°31	21°38	T 3
F 4	4 49 59	11°42'38	22°33	23°12	20°15	13° 1	18°52	14° 4	23°30	25°47	20°28	21°D20	22°18	23°38	21°35	F 4
S 5	4 53 55	12°43'38	6♓41	24°35	21°30	13°45	18°47	14° 9	23°29	25°46	20°27	21°R20	22°15	23°44	21°32	S 5
S 6	4 57 52	13°44'39	20°42	25°59	22°45	14°30	18°41	14°14	23°27	25°46	20°27	21°20	22°12	23°51	21°30	S 6
M 7	5 1 48	14°45'41	4♈36	27°24	24° 1	15°14	18°36	14°19	23°26	25°46	20°26	21°18	22° 9	23°58	21°27	M 7
T 8	5 5 45	15°46'43	18°22	28°51	25°16	15°59	18°30	14°24	23°25	25°46	20°26	21°14	22° 6	24° 4	21°23	T 8
W 9	5 9 41	16°47'45	1♉59	0♐18	26°31	16°44	18°24	14°28	23°24	25°45	20°25	21° 7	22° 2	24°11	21°20	W 9
T 10	5 13 38	17°48'48	15°26	1°45	27°46	17°28	18°18	14°33	23°23	25°45	20°24	20°58	21°59	24°18	21°17	T 10
F 11	5 17 35	18°49'52	28°41	3°14	29° 1	18°13	18°12	14°37	23°21	25°44	20°24	20°47	21°56	24°24	21°14	F 11
S 12	5 21 31	19°50'56	11♊44	4°42	0♐17	18°58	18° 6	14°42	23°20	25°44	20°23	20°35	21°53	24°31	21°11	S 12
S 13	5 25 28	20°52'01	24°33	6°12	1°32	19°43	18° 0	14°46	23°19	25°43	20°23	20°24	21°50	24°37	21° 7	S 13
M14	5 29 24	21°53'07	7♋ 7	7°41	2°47	20°28	17°53	14°50	23°18	25°43	20°22	20°15	21°46	24°44	21° 4	M14
T 15	5 33 21	22°54'13	19°26	9°11	4° 2	21°13	17°46	14°54	23°17	25°42	20°22	20° 8	21°43	24°51	21° 0	T 15
W16	5 37 17	23°55'19	1♌32	10°42	5°18	21°58	17°40	14°59	23°17	25°42	20°22	20° 4	21°40	24°57	20°57	W16
T 17	5 41 14	24°56'26	13°28	12°13	6°33	22°43	17°33	15° 3	23°16	25°41	20°21	20° 2	21°37	25° 4	20°53	T 17
F 18	5 45 10	25°57'34	25°18	13°44	7°48	23°28	17°26	15° 7	23°15	25°41	20°21	20°D 2	21°34	25°11	20°49	F 18
S 19	5 49 7	26°58'42	7♍ 4	15°15	9° 3	24°13	17°19	15°10	23°14	25°40	20°20	20° 3	21°31	25°17	20°45	S 19
S 20	5 53 4	27°59'51	18°54	16°47	10°19	24°58	17°11	15°14	23°14	25°39	20°20	20° 4	21°27	25°24	20°42	S 20
M21	5 57 0	29° 1'01	0♎51	18°19	11°34	25°43	17° 4	15°18	23°13	25°38	20°20	20°R 4	21°24	25°31	20°38	M21
T 22	6 0 57	0♑ 2'11	13° 2	19°51	12°49	26°29	16°57	15°21	23°12	25°38	20°19	20° 3	21°21	25°37	20°34	T 22
W23	6 4 53	1° 3'21	25°30	21°23	14° 5	27°14	16°49	15°25	23°12	25°37	20°19	20° 0	21°18	25°44	20°30	W23
T 24	6 8 50	2° 4'32	8♏22	22°56	15°20	27°59	16°42	15°28	23°11	25°36	20°19	19°55	21°15	25°51	20°26	T 24
F 25	6 12 46	3° 5'44	21°39	24°29	16°35	28°45	16°34	15°31	23°11	25°35	20°19	19°48	21°12	25°57	20°22	F 25
S 26	6 16 43	4° 6'55	5♐22	26° 3	17°51	29°30	16°26	15°35	23°11	25°34	20°18	19°40	21° 8	26° 4	20°18	S 26
S 27	6 20 40	5° 8'07	19°29	27°36	19° 6	0♑16	16°18	15°38	23°10	25°33	20°18	19°32	21° 5	26°11	20°14	S 27
M28	6 24 36	6° 9'20	3♑56	29°10	20°21	1° 1	16°11	15°41	23°10	25°33	20°18	19°25	21° 2	26°17	20° 9	M28
T 29	6 28 33	7°10'32	18°37	0♑45	21°37	1°47	16° 3	15°44	23°10	25°32	20°18	19°20	20°59	26°24	20° 5	T 29
W30	6 32 29	8°11'44	3♒24	2°20	22°52	2°33	15°55	15°46	23°10	25°31	20°18	19°17	20°56	26°30	20° 1	W30
T 31	6 36 26	9♑12'56	18♒10	3♑55	24♐ 7	3♑18	15♋47	15♎49	23♈10	25♌30	20♈18	19°D16	20♒52	26♌37	19♋57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s48	26s30	3s22	15s42	1n56	15s31	1n21	22s36	0s29	22n17	0n 9	3s19	2n20	8n38	0s35	13n27	0n31	8s 1	17s18	14s23	14s 3	13n43	14n24	7s25
W 2	21 57	23 39	2 20	16 10	1 49	15 54	1 19	22 42	0 30	22 18	0 9	3 21	2 20	8 38	0 35	13 27	0 31	8 1	17 17	14 24	14 4	13 40	14 24	7 26
T 3	22 6	19 20	1 9	16 37	1 43	16 16	1 18	22 49	0 30	22 19	0 10	3 23	2 20	8 37	0 35	13 27	0 31	8 0	17 17	14 25	14 5	13 37	14 24	7 26
F 4	22 14	13 56	0n 6	17 4	1 36	16 38	1 16	22 55	0 31	22 19	0 10	3 24	2 20	8 37	0 35	13 27	0 31	8 0	17 17	14 25	14 7	13 34	14 24	7 27
S 5	22 22	7 50	1 21	17 32	1 28	16 59	1 14	23 1	0 31	22 20	0 10	3 26	2 21	8 36	0 35	13 27	0 31	8 0	17 16	14 25	14 8	13 31	14 24	7 27
S 6	22 30	1 24	2 30	17 59	1 21	17 20	1 12	23 7	0 32	22 21	0 10	3 28	2 21	8 36	0 35	13 27	0 31	8 0	17 16	14 25	14 9	13 28	14 24	7 28
M 7	22 37	5n 2	3 29	18 26	1 14	17 41	1 10	23 13	0 32	22 22	0 10	3 29	2 21	8 35	0 35	13 27	0 31	8 0	17 16	14 26	14 10	13 25	14 24	7 29
T 8	22 44	11 9	4 15	18 52	1 6	18 1	1 8	23 18	0 33	22 23	0 10	3 31	2 21	8 35	0 34	13 27	0 31	8 0	17 16	14 27	14 11	13 22	14 24	7 29
W 9	22 50	16 40	4 47	19 18	0 59	18 21	1 6	23 23	0 34	22 24	0 11	3 33	2 21	8 34	0 34	13 27	0 31	8 0	17 15	14 30	14 12	13 19	14 24	7 30
T 10	22 56	21 18	5 2	19 43	0 51	18 40	1 4	23 28	0 34	22 25	0 11	3 34	2 22	8 34	0 34	13 28	0 31	8 0	17 15	14 32	14 13	13 15	14 24	7 30
F 11	23 1	24 48	5 1	20 8	0 44	18 58	1 2	23 33	0 35	22 26	0 11	3 36	2 22	8 34	0 34	13 28	0 31	8 0	17 15	14 36	14 14	13 12	14 24	7 30
S 12	23 6	26 55	4 43	20 32	0 36	19 16	1 0	23 37	0 35	22 27	0 11	3 37	2 22	8 33	0 34	13 28	0 32	8 0	17 14	14 40	14 15	13 9	14 24	7 31
S 13	23 11	27 35	4 12	20 55	0 29	19 34	0 58	23 41	0 36	22 28	0 11	3 39	2 22	8 33	0 34	13 28	0 32	8 0	17 14	14 43	14 16	13 6	14 24	7 31
M14	23 15	26 47	3 29	21 17	0 22	19 51	0 56	23 45	0 36	22 29	0 11	3 40	2 23	8 33	0 34	13 28	0 32	8 0	17 14	14 46	14 17	13 3	14 24	7 32
T 15	23 18	24 40	2 36	21 39	0 14	20 7	0 54	23 49	0 37	22 30	0 12	3 41	2 23	8 32	0 34	13 29	0 32	7 59	17 13	14 48	14 18	13 0	14 24	7 32
W16	23 21	21 27	1 38	21 59	0 7	20 23	0 51	23 52	0 37	22 31	0 12	3 43	2 23	8 32	0 34	13 29	0 32	7 59	17 13	14 50	14 19	12 57	14 24	7 33
T 17	23 24	17 23	0 35	22 19	0s 0	20 39	0 49	23 55	0 38	22 32	0 12	3 44	2 23	8 32	0 34	13 29	0 32	7 59	17 13	14 50	14 20	12 54	14 24	7 33
F 18	23 26	12 40	0s28	22 37	0 7	20 53	0 47	23 58	0 38	22 33	0 12	3 45	2 24	8 32	0 34	13 29	0 32	7 59	17 12	14 50	14 21	12 51	14 24	7 33
S 19	23 28	7 32	1 31	22 55	0 14	21 8	0 44	24 1	0 39	22 34	0 12	3 47	2 24	8 31	0 34	13 29	0 32	7 59	17 12	14 50	14 22	12 48	14 24	7 34
S 20	23 29	2 7	2 29	23 11	0 21	21 21	0 42	24 3	0 39	22 35	0 12	3 48	2 24	8 31	0 34	13 30	0 32	7 59	17 12	14 50	14 23	12 45	14 25	7 34
M21	23 29	3s26	3 22	23 26	0 28	21 34	0 40	24 5	0 40	22 36	0 12	3 49	2 24	8 31	0 34	13 30	0 32	7 58	17 11	14 50	14 24	12 42	14 25	7 35
T 22	23 30	8 56	4 7	23 40	0 34	21 46	0 37	24 7	0 41	22 37	0 13	3 50	2 25	8 31	0 34	13 30	0 32	7 58	17 11	14 50	14 25	12 39	14 25	7 35
W23	23 29	14 14	4 41	23 53	0 41	21 58	0 35	24 9	0 41	22 39	0 13	3 51	2 25	8 31	0 34	13 31	0 32	7 58	17 11	14 51	14 26	12 36	14 25	7 35
T 24	23 29	19 5	5 2	24 5	0 47	22 9	0 33	24 10	0 42	22 40	0 13	3 52	2 25	8 30	0 34	13 31	0 32	7 58	17 10	14 52	14 27	12 33	14 26	7 35
F 25	23 27	23 10	5 8	24 16	0 53	22 19	0 30	24 11	0 42	22 41	0 13	3 53	2 25	8 30	0 34	13 31	0 32	7 57	17 10	14 55	14 28	12 30	14 26	7 36
S 26	23 26	26 7	4 57	24 25	0 59	22 29	0 28	24 12	0 43	22 42	0 13	3 54	2 26	8 30	0 34	13 32	0 32	7 57	17 9	14 57	14 29	12 27	14 26	7 36
S 27	23 24	27 31	4 28	24 33	1 5	22 38	0 25	24 13	0 43	22 43	0 13	3 55	2 26	8 30	0 34	13 32	0 32	7 57	17 9	15 0	14 30	12 23	14 26	7 36
M28	23 21	27 7	3 41	24 40	1 10	22 46	0 23	24 13	0 44	22 44	0 13	3 56	2 26	8 30	0 34	13 32	0 32	7 57	17 9	15 2	14 31	12 20	14 27	7 37
T 29	23 18	24 49	2 39	24 45	1 16	22 54	0 20	24 13	0 44	22 45	0 14	3 57	2 26	8 30	0 34	13 33	0 32	7 56	17 8	15 3	14 32	12 17	14 27	7 37
W30	23 14	20 49	1 25	24 49	1 21	23 0	0 18	24 13	0 45	22 46	0 14	3 58	2 27	8 30	0 34	13 33	0 32	7 56	17 8	15 4	14 33	12 14	14 28	7 37
T 31	23s10	15s31	0s 6	24s52	1s26	23s 7	0n15	24s12	0s45	22n47	0n14	3s59	2n27	8n30	0s34	13n33	0n32	7s56	17s 8	15s 5	14s34	12n11	14n28	7s37

Julian Day Number = 2305051.5, Delta T = 90.27 sec
Ecliptic obliquity = 23°29'36, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°08'33, Lahiri = 18°15'34Greg. Calendar