

Astrodienst Ephemeris Tables for the year 1552

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

JANUARY 1552 JC 00:00 UT

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Day	Sid.t	0	D	ğ	·	ď	4	ħ)∤(¥	Р	v	ß	Ç	ķ	Day
F 1	7 17 21	19 る 49'12	17) (44	9 ට 15	4°R27	13 る 45	29°R42	20≈21	12 ≏ 50	8°R 6	27≈54	27 Ω 52	29 Ω 21	5 8 16	2°R52	F 1
S 2	7 21 18	20°50'19	29°59	10°49	4る 2	14°32	29934	20°27	12°50	8 8 6	27°56	27°54	29°18	5°23	$2\Omega 47$	S 2
S 3	7 25 14	21°51'25	12 Y 1	12°23	3°40	15°18	29°26	20°34	12°51	8° 6	27°57	27°56	29°15	5°30	2°43	S 3
M 4	7 29 11	22°52'31	23°55	13°59	3°21	16° 5	29°18	20°41	12°51	8° 6	27°59	27°R56	29°12	5°36	2°39	M 4
T 5	7 33 7	23°53'35	5 8 46	15°34	3° 3	16°51	29°10	20°47	12°51	8° 6	28° 0	27°55	29° 8	5°43	2°34	T 5
W 6	7 37 4	24°54'39	17°40	17°11	2°48	17°37	29° 2	20°54	12°51	8° 5	28° 1	27°53	29° 5	5°50	2°30	W 6
T 7	7 41 1	25°55'41	29°39	18°47	2°36	18°24	28°54	21° 1	12°51	8° 5	28° 3	27°49	29° 2	5°57	2°25	T 7
F 8	7 44 57	26°56'43	11 Ⅱ 49	20°25	2°26	19°10	28°46	21° 8	12°R51	8° 5	28° 4	27°44	28°59	6° 3	2°21	F 8
S 9	7 48 54	27°57'44	24°13	22° 3	2°18	19°57	28°38	21°15	12°51	8°D 5	28° 6	27°39	28°56	6°10	2°16	S 9
S 10	7 52 50	28°58'43	6951	23°42	2°13	20°44	28°30	21°22	12°51	8° 5	28° 7	27°34	28°53	6°17	2°11	S 10
M11	7 56 47	29°59'42	19°46	25°21	2°11	21°30	28°22	21°29	12°51	8° 5	28° 9	27°29	28°49	6°23	2° 7	M11
T 12	8 0 43	1≈ 0'40	2Ω 57	27° 1	2°D11	22°17	28°14	21°35	12°51	8° 5	28°10	27°26	28°46	6°30	2° 2	T 12
W13	8 4 40	2° 1'37	16°22	28°42	2°13	23° 4	28° 6	21°42	12°50	8° 6	28°12	27°24	28°43	6°37	1°58	W13
T 14	8 8 36	3° 2'32	0 Mp 0	0≈23	2°18	23°50	27°58	21°49	12°50	8° 6	28°13	27°D24	28°40	6°44	1°53	T 14
F 15	8 12 33	4° 3'27	13°49	2° 5	2°25	24°37	27°50	21°56	12°50	8° 6	28°15	27°24	28°37	6°50	1°49	F 15
S 16	8 16 30	5° 4'21	27°46	3°48	2°34	25°24	27°42	22° 4	12°49	8° 6	28°16	27°26	28°33	6°57	1°44	S 16
S 17	8 20 26	6° 5'15	11 ≏ 50	5°31	2°46	26°10	27°34	22°11	12°49	8° 6	28°18	27°27	28°30	7° 4	1°39	S 17
M18	8 24 23	7° 6'07	25°58	7°15	2°59	26°57	27°26	22°18	12°48	8° 7	28°20	27°28	28°27	7°10	1°35	M18
T 19	8 28 19	8° 6'59	10 M 8	9° 0	3°15	27°44	27°19	22°25	12°48	8° 7	28°21	27°R29	28°24	7°17	1°30	T 19
W20	8 32 16	9° 7'50	24°19	10°45	3°33	28°31	27°11	22°32	12°47	8° 7	28°23	27°28	28°21	7°24	1°26	W20
T 21	8 36 12	10° 8'40	8 ₹ 29	12°31	3°53	29°18	27° 3	22°39	12°46	8° 8	28°24	27°27	28°18	7°31	1°21	T 21
F 22	8 40 9	11° 9'29	22°34	14°18	4°15	0≈ 5	26°56	22°46	12°46	8° 8	28°26	27°25	28°14	7°37	1°17	F 22
S 23	8 44 5	12°10'17	6 ප 32	16° 6	4°38	0°52	26°48	22°53	12°45	8° 9	28°28	27°22	28°11	7°44	1°12	S 23
S 24	8 48 2	13°11'04	20°19	17°54	5° 4	1°39	26°41	23° 1	12°44	8° 9	28°29	27°20	28° 8	7°51	1° 8	S 24
M25	8 51 59	14°11'50	3≈53	19°42	5°31	2°26	26°33	23° 8	12°43	8°10	28°31	27°19	28° 5	7°57	1° 3	M25
T 26	8 55 55	15°12'34	17°12	21°31	5°59	3°12	26°26	23°15	12°42	8°10	28°32	27°18	28° 2	8° 4	0°59	T 26
W27	8 59 52	16°13'17	0 ∺ 15	23°21	6°30	3°59	26°19	23°22	12°41	8°11	28°34	27°D18	27°59	8°11	0°55	W27
T 28	9 3 48	17°13'58	13° 0	25°10	7° 1	4°46	26°12	23°30	12°40	8°11	28°36	27°18	27°55	8°18	0°50	T 28
F 29	9 7 45	18°14'38	25°29	27° 0	7°35	5°33	26° 5	23°37	12°39	8°12	28°37	27°19	27°52	8°24	0°46	F 29
S 30	9 11 41	19°15'17	7 Ƴ 43	28°50	8° 9	6°21	25°58	23°44	12°38	8°13	28°39	27°20	27°49	8°31	0°42	S 30
S 31	9 15 38	20≈15'53	19 Y 46	0 ∺ 39	8 국 45	7≈ 8	25951	23≈51	12 ≏ 37	8 8 14	28≈41	27 N 21	27 Ω 46	8 8 38	0 Ω 38	S 31

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S 3 M 4 T 5 W 6 T 7	21 43 21 33 21 23 21 12 21 1	5 17 4 19 8 56 4 49 12 13 5 7	24 22 1 2 24 17 1 3 24 11 1 3 24 3 1 4 23 54 1 4	32 17 14 6 13 36 17 10 6 18 40 17 6 6 22	23 25 0 54 23 20 0 55 23 14 0 55	20 57 0 37 20 59 0 37 21 0 0 37	15 48 1 17 15 46 1 17	4 27 0 41 4 27 0 41 4 27 0 41		23 25 11 59 23 24 11 59 23 23 11 59	12 13 11 46 12 13 11 47 12 13 11 48 12 14 11 49 12 16 11 50		12 7 7 42 12 8 7 42
F 8 S 9	20 49	17 15 5 3	23 43 1 4	18 17 1 6 27		21 4 0 37	15 42 1 17 15 40 1 17	4 27 0 41	12 31 1 49	23 22 11 59	12 17 11 51 12 19 11 52	9 6	12 10 7 42 12 11 7 42
S 10 M11 T 12 W13 T 14 F 15 S 16	20 12 19 59 19 45	18 52 3 12 17 26 2 10 15 1 1 0 11 43 0n14 7 45 1 29	22 45 1 5 22 26 2 22 6 2 21 45 2	66 16 57 6 31 69 16 57 6 31 1 16 58 6 31 2 16 58 6 30	22 28 0 58 22 20 0 58 22 12 0 58	21 9 0 38 21 11 0 38 21 13 0 38 21 14 0 38 21 16 0 38	15 35 1 17 15 33 1 17 15 31 1 17	4 27 0 41 4 27 0 41 4 27 0 41 4 27 0 42 4 26 0 42	12 31 1 49 12 31 1 49 12 31 1 49 12 31 1 49 12 31 1 49	23 20 11 59 23 20 11 58 23 19 11 58 23 18 11 58	12 21 11 54 12 22 11 55 12 24 11 56 12 24 11 57 12 24 11 58 12 24 11 59 12 24 12 0	9 11 9 13 9 15 9 17 9 19	12 12 7 42 12 13 7 42 12 14 7 42 12 15 7 42 12 16 7 42 12 17 7 42 12 18 7 42
S 17 M18 T 19 W20 T 21 F 22 S 23	17 28	5 52 4 29 10 7 5 1 13 48 5 15 16 40 5 10 18 32 4 46	20 30 2 20 2 2 19 33 2 19 1 2 18 29 1 5	4 17 5 6 23 4 17 7 6 20 3 17 10 6 17 1 17 13 6 14 59 17 16 6 10	21 47 0 59 21 38 1 0 21 29 1 0 21 20 1 0 21 10 1 1	21 20 0 39 21 21 0 39 21 23 0 39 21 24 0 39 21 26 0 39 21 28 0 39 21 29 0 39	15 17 1 17 15 15 1 17 15 13 1 17 15 10 1 17	4 26 0 42 4 26 0 42 4 25 0 42 4 25 0 42 4 25 0 42	12 32 1 49 12 32 1 49 12 32 1 49 12 32 1 48 12 33 1 48	23 16 11 58 23 16 11 58 23 15 11 58 23 14 11 58 23 14 11 58 23 13 11 58 23 13 11 58	12 23 12 2 12 23 12 3 12 23 12 5 12 23 12 6 12 24 12 7	9 24 9 26 9 28 9 30 9 32	12 19 7 42 12 20 7 42 12 21 7 42 12 22 7 42 12 23 7 42 12 25 7 42 12 26 7 41
S 24 M25 T 26 W27 T 28 F 29 S 30	16 36 16 19	17 17 2 6 14 50 0 56 11 40 0s16 8 1 1 26 4 6 2 30 0 5 3 26	16 41 1 5 16 2 1 4 15 21 1 4 14 40 1 3 13 57 1 3 13 12 1 2	16 17 29 5 53 11 17 32 5 48 16 17 36 5 43 17 39 5 38 13 17 42 5 33	20 40 1 1 20 29 1 2 20 18 1 2 20 7 1 2 19 56 1 3 19 45 1 3	21 38 0 40 21 39 0 40	15 3 1 17 15 1 1 17	4 24 0 42 4 23 0 42 4 23 0 42 4 22 0 42 4 22 0 42 4 21 0 42	12 33 1 48 12 33 1 48 12 34 1 48 12 34 1 48 12 34 1 48 12 35 1 48	23 11 11 58 23 10 11 58 23 10 11 58 23 9 11 58 23 8 11 58	12 25 12 9 12 26 12 10 12 26 12 11 12 26 12 12 12 26 12 13 12 26 12 14 12 26 12 16 12n25 12n17	9 37 9 39 9 41 9 43 9 44 9 46	12 27 7 41 12 28 7 41 12 29 7 41 12 30 7 41 12 31 7 40 12 33 7 40 12 34 7 40 12n35 7s39

Julian Day Number = 2287925.5, Delta T = 175.53 sec

Ecliptic obliquity = $23^{\circ}29'43$, Nutation = - $0^{\circ}00'08$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°29'20, Lahiri = 17°36'20 Julian Calendar 1 Jan. 1552 == Greg. Calendar 11 Jan. 1552

FEBRUARY 1552 JC 00:00 UT

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M 1	9 19 34	21≈16'28	1842	2) 28	9 る 22	7≈55	25°R44	23≈59	12°R35	8 8 14	28≈42	27 Ω 21	27 Ω 43	8 8 44	0°R33	M 1
T 2	9 23 31	22°17'01	13°34	4°17	10° 1	8°42	25938	24° 6	12 ≏ 34	8°15	28°44	27°22	27°39	8°51	$0\Omega_{29}$	T 2
W 3	9 27 28	23°17'32	25°27	6° 4	10°41	9°29	25°32	24°13	12°33	8°16	28°46	27°R22	27°36	8°58	0°25	W 3
T 4	9 31 24	24°18'02	7 Ⅱ 26	7°50	11°21	10°16	25°25	24°20	12°31	8°17	28°47	27°22	27°33	9° 5	0°21	T 4
F 5	9 35 21	25°18'29	19°36	9°34	12° 3	11° 3	25°19	24°28	12°30	8°18	28°49	27°22	27°30	9°11	0°17	F 5
S 6	9 39 17	26°18'55	295 1	11°16	12°46	11°50	25°13	24°35	12°28	8°19	28°51	27°21	27°27	9°18	0°13	S 6
S 7	9 43 14	27°19'19	14°44	12°56	13°30	12°37	25° 7	24°42	12°27	8°20	28°52	27°D21	27°24	9°25	0°10	S 7
M 8	9 47 10	28°19'41	27°47	14°32	14°15	13°24	25° 2	24°49	12°25	8°21	28°54	27°21	27°20	9°31	0° 6	M 8
T 9	9 51 7	29°20'01	11211	16° 4	15° 1	14°11	24°56	24°57	12°24	8°22	28°56	27°21	27°17	9°38	0° 2	T 9
W10	9 55 3	0 ∺ 20'19	24°56	17°32	15°48	14°59	24°51	25° 4	12°22	8°23	28°57	27°R22	27°14	9°45	29958	W10
T 11	9 59 0	1°20'36	9 m) 0	18°55	16°36	15°46	24°45	25°11	12°20	8°24	28°59	27°21	27°11	9°52	29°55	T 11
F 12	10 2 57	2°20'50	23°18	20°12	17°24	16°33	24°40	25°18	12°19	8°25	29° 1	27°21	27° 8	9°58	29°51	F 12
S 13	10 6 53	3°21'03	7 ≏ 45	21°23	18°13	17°20	24°36	25°26	12°17	8°26	29° 2	27°21	27° 5	10° 5	29°48	S 13
S 14	10 10 50	4°21'15	22°15	22°27	19° 3	18° 7	24°31	25°33	12°15	8°27	29° 4	27°20	27° 1	10°12	29°44	S 14
M15	10 14 46	5°21'25	6M44	23°24	19°54	18°54	24°26	25°40	12°13	8°28	29° 6	27°19	26°58	10°18	29°41	M15
T 16	10 18 43	6°21'33	21° 7	24°13	20°46	19°42	24°22	25°47	12°11	8°30	29° 7	27°18	26°55	10°25	29°38	T 16
W17	10 22 39	7°21'40	5 ₹ 20	24°54	21°38	20°29	24°18	25°55	12° 9	8°31	29° 9	27°D18	26°52	10°32	29°35	W17
T 18	10 26 36	8°21'45	19°20	25°26	22°31	21°16	24°13	26° 2	12° 7	8°32	29°11	27°18	26°49	10°39	29°32	T 18
F 19	10 30 32	9°21'49	3중 8	25°49	23°24	22° 3	24°10	26° 9	12° 5	8°34	29°12	27°19	26°45	10°45	29°29	F 19
S 20	10 34 29	10°21'51	16°43	26° 3	24°19	22°50	24° 6	26°16	12° 3	8°35	29°14	27°20	26°42	10°52	29°26	S 20
S 21	10 38 26	11°21'51	0≈ 3	26°R 8	25°13	23°37	24° 2	26°23	12° 1	8°36	29°16	27°21	26°39	10°59	29°23	S 21
M22	10 42 22	12°21'50	13°11	26° 4	26° 9	24°25	23°59	26°30	11°59	8°38	29°17	27°22	26°36	11° 5	29°20	M22
T 23	10 46 19	13°21'47	26° 6	25°51	27° 4	25°12	23°56	26°37	11°57	8°39	29°19	27°R23	26°33	11°12	29°17	T 23
W24	10 50 15	14°21'42	8) 48	25°30	28° 1	25°59	23°53	26°44	11°55	8°41	29°20	27°22	26°30	11°19	29°15	W24
T 25	10 54 12	15°21'35	21°18	25° 1	28°58	26°46	23°50	26°51	11°53	8°42	29°22	27°21	26°26	11°26	29°12	T 25
F 26	10 58 8	16°21'26	3 Υ37	24°25	29°55	27°33	23°47	26°58	11°50	8°44	29°24	27°19	26°23	11°32	29°10	F 26
S 27	11 2 5	17°21'15	15°46	23°43	0≈53	28°20	23°45	27° 5	11°48	8°45	29°25	27°16	26°20	11°39	29° 8	S 27
S 28	11 6 1	18°21'01	27°47	22°56	1°51	29° 8	23°43	27°12	11°46	8°47	29°27	27°12	26°17	11°46	29° 6	S 28
M29	11 9 58	19 米 20'46	9 8 42	22 米 5	2≈49	29≈55	239541	27≈19	11 ≏ 44	8 8 48	29≈28	27 N 8	26 Ω 14	11852	2995 3	M29

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M 1	14 s27	7n37 4	s46	11 s40	1 s 7	17 s49	5n22	19 s21	1 s 3	21n42	0n40	14 s47	1 s 1 8	4 s20	0n42	12n35	1 s48	23 s 7	11 s58	12n25	12n18	9n50	12n36	7 s39
T 2	14 7	11 3 5	8	10 52	0 59	17 51	5 16	19 9	1 4	21 43	0 40	14 44	1 18	4 20	0 42	12 35	1 48	23 6	11 58	12 25	12 19	9 52	12 37	7 39
W 3	13 47	14 2 5	17	10 4	0 49		-			21 44			1 18	4 19	0 42	12 36	1 48				12 20	9 54	12 38	7 38
T 4	13 27	16 28 5	12	9 15	0 39	17 57	5 5	18 44		21 46		14 40	1 18	4 19	0 42	12 36	1 48		11 58				12 40	7 38
F 5			54	8 26	0 28					21 47			1 18	4 18		12 36					12 22		12 41	7 38
S 6	12 46	19 8 4	21	7 37	0 17	18 1	4 53	18 19	1 4	21 48	0 40	14 35	1 18	4 18	0 42	12 37	1 47	23 4	11 58	12 25	12 23	9 59	12 42	7 37
S 7	12 26	19 7 3	35	6 48	0 5	18 3	4 47	18 6	1 5	21 49	0 40	14 32	1 18	4 17	0 42	12 37	1 47	23 4	11 58	12 25	12 24	10 1	12 43	7 37
M 8	12 5	18 5 2	37	5 59	0n 8	18 5	4 41	17 52	1 5	21 50	0 40	14 30	1 18	4 16	0 42	12 38	1 47	23 3	11 58	12 25	12 25	10 3	12 44	7 36
T 9	11 44	16 2 1	29	5 11	0 21	18 6	4 34	17 39	1 5	21 5	0 40	14 28	1 18	4 16	0 42	12 38	1 47	23 2	11 58	12 25	12 27	10 5	12 45	7 36
W10	11 23	13 2 0	13	4 24	0 35	18 7	4 28	17 25	1 5	21 52	0 40	14 25	1 18	4 15	0 42	12 38	1 47	23 2	11 58	12 25	12 28	10 6	12 47	7 35
T 11	11 1		n 4	3 39	0 49			17 11		21 53		14 23	1 18	4 14		12 39	1 47				12 29		12 48	7 35
F 12	10 40	4 48 2	19	2 55	1 3		4 15	16 57		21 54		14 21	1 18	4 14	0 42	12 39	1 47				12 30			7 35
S 13	10 18	0 4 3	26	2 14	1 18	18 8	4 9	16 43	1 6	21 55	0 40	14 18	1 18	4 13	0 42	12 40	1 47	23 0	11 58	12 25	12 31	10 12	12 50	7 34
S 14	9 56	4 s40 4	20	1 35	1 32	18 8	4 3	16 29	1 6	21 56	0 40	14 16	1 18	4 12	0 42	12 40	1 47	23 0	11 58	12 26	12 32	10 14	12 51	7 34
M15	9 34	9 7 4	57	0 59	1 47	18 7	3 56	16 14	1 6	21 57	0 40	14 13	1 18	4 11	0 42	12 40	1 47	22 59	11 58	12 26	12 33	10 16	12 53	7 33
T 16	9 12	13 1 5	15	0 27	2 1	18 6	3 50	16 0	1 6	21 58	0 40	14 11	1 19	4 11	0 42	12 41	1 47	22 59	11 58	12 26	12 34	10 17	12 54	7 33
W17	8 50	16 6 5	14	0n 2	2 15	18 5	3 43	15 45	1 6	21 58	0 40	14 9	1 19	4 10	0 42	12 41	1 47	22 58	11 58	12 26	12 35	10 19	12 55	7 32
T 18	8 27	18 11 4	54	0 27	2 29	18 3	3 37	15 30	1 6	21 59	0 40	14 6	1 19	4 9	0 42	12 42	1 47	22 58	11 58	12 26	12 36	10 21	12 56	7 31
F 19	8 5	19 10 4	17	0 48	2 41		3 30	15 14		22 (1 19	4 8	0 42	12 42					12 37			7 31
S 20	7 42	19 2 3	27	1 5	2 53	17 58	3 24	14 59	1 7	22 (0 41	14 2	1 19	4 7	0 42	12 43	1 47	22 56	11 58	12 26	12 39	10 25	12 58	7 30
S 21	7 19	17 49 2	25	1 17	3 4	17 54	3 17	14 44	1 7	22	0 41	13 59	1 19	4 7	0 43	12 43	1 47	22 56	11 59	12 25	12 40	10 27	12 59	7 30
M22	6 56	15 39 1	18	1 24	3 14	17 51	3 11	14 28	1 7	22 2	0 41	13 57	1 19	4 6	0 43	12 44	1 47	22 55	11 59	12 25	12 41	10 28	13 1	7 29
T 23	6 33	12 44 0	7	1 26	3 22	17 47	3 4	14 12	1 7	22 2	0 41	13 55	1 19	4 5	0 43	12 44	1 47	22 55	11 59	12 25	12 42	10 30	13 2	7 28
W24	6 10	9 15 1	s 3	1 24	3 29	17 42	2 58	13 56	1 7	22 3	0 41	13 52	1 19	4 4	0 43	12 45	1 46	22 54	11 59	12 25	12 43	10 32	13 3	7 28
T 25	5 47	5 25 2	8	1 17	3 34	17 37	2 51	13 40	1 7	22 3	0 41	13 50	1 19	4 3	0 43	12 45	1 46	22 54	11 59	12 25	12 44	10 34	13 4	7 27
F 26	5 24	1 25 3	7	1 6	3 37			13 24		22 4			1 19	4 2	0 43	12 46					12 45			7 27
S 27	5 0	2n35 3	56	0 51	3 38	17 26	2 39	13 8	1 7	22 4	0 41	13 45	1 20	4 1	0 43	12 46	1 46	22 53	11 59	12 27	12 46	10 37	13 6	7 26
S 28	4 37	6 27 4	34	0 32	3 38	17 19	2 32	12 51	1 7	22 4	0 41	13 43	1 20	4 1	0 43	12 47	1 46	22 53	11 59	12 28	12 47	10 39	13 7	7 25
M29	4 s 1 4	10n 0 5	s 0	0n 9	3n35	17s12	2n26	12 s35	1 s 7	22n 5	0n41	13 s41	1 s20	4s 0	0n43	12n47	1 s46	22 s52	12s 0	12n30	12n48	10n41	13n 8	7 s25

Julian Day Number = 2287956.5, Delta T = 175.35 sec

Ecliptic obliquity = $23^{\circ}29'43$, Nutation = -0°00'08, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°29'24, Lahiri = 17°36'25 Julian Calendar 1 Feb. 1552 == Greg. Calendar 11 Feb. 1552

MARCH 1552 JC 00:00 UT

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T 1	11 13 54	20) 20'28	21 8 33	21°R11	3≈48	0) €42	23°R39	27≈26	11°R41	8 8 50	29≈30	27°R 5	26№10	11859	29°R 1	T 1
W 2	11 17 51	21°20'09	3Ⅱ26	20) 16	4°48	1°29	23937	27°33	11 ≏ 39	8°52	29°32	27 Q 3	26° 7	12° 6	289559	W 2
T 3	11 21 48	22°19'47	15°23	19°20	5°47	2°16	23°36	27°40	11°37	8°53	29°33	27° 2	26° 4	12°13	28°58	T 3
F 4	11 25 44	23°19'22	27°30	18°25	6°48	3° 3	23°35	27°47	11°34	8°55	29°35	27°D 2	26° 1	12°19	28°56	F 4
S 5	11 29 41	24°18'56	9952	17°32	7°48	3°50	23°34	27°54	11°32	8°57	29°36	27° 2	25°58	12°26	28°54	S 5
S 6	11 33 37	25°18'27	22°32	16°42	8°49	4°37	23°33	28° 0	11°29	8°58	29°38	27° 4	25°55	12°33	28°53	S 6
M 7	11 37 34	26°17'55	5 Ω 34	15°55	9°50	5°24	23°32	28° 7	11°27	9° 0	29°39	27° 6	25°51	12°39	28°51	M 7
T 8	11 41 30	27°17'22	19° 2	15°13	10°52	6°11	23°32	28°14	11°24	9° 2	29°41	27° 7	25°48	12°46	28°50	T 8
W 9	11 45 27	28°16'46	2 Mp 56	14°36	11°53	6°59	23°31	28°20	11°22	9° 4	29°42	27°R 7	25°45	12°53	28°49	W 9
T 10	11 49 23	29°16'08	17°15	14° 4	12°55	7°46	23°D31	28°27	11°19	9° 5	29°44	27° 5	25°42	13° 0	28°48	T 10
F 11	11 53 20	0 Υ 15'28	1 ≏ 54	13°38	13°58	8°33	23°31	28°34	11°17	9° 7	29°45	27° 2	25°39	13° 6	28°47	F 11
S 12	11 57 17	1°14'45	16°47	13°18	15° 1	9°20	23°32	28°40	11°14	9° 9	29°47	26°58	25°36	13°13	28°46	S 12
S 13	12 1 13	2°14'01	1 M .46	13° 3	16° 3	10° 6	23°32	28°47	11°12	9°11	29°48	26°53	25°32	13°20	28°45	S 13
M14	12 5 10	3°13'15	16°41	12°55	17° 7	10°53	23°33	28°53	11° 9	9°13	29°50	26°48	25°29	13°27	28°44	M14
T 15	12 9 6	4°12'27	1 √ 25	12°D52	18°10	11°40	23°34	29° 0	11° 7	9°15	29°51	26°43	25°26	13°33	28°43	T 15
W16	12 13 3	5°11'37	15°51	12°54	19°14	12°27	23°35	29° 6	11° 4	9°17	29°53	26°40	25°23	13°40	28°43	W16
T 17	12 16 59	6°10'46	29°56	13° 3	20°18	13°14	23°36	29°12	11° 2	9°19	29°54	26°39	25°20	13°47	28°43	T 17
F 18	12 20 56	7° 9'53	13 る 40	13°16	21°22	14° 1	23°37	29°18	10°59	9°21	29°55	26°D39	25°16	13°53	28°42	F 18
S 19	12 24 52	8° 8'58	27° 4	13°34	22°27	14°48	23°39	29°25	10°57	9°23	29°57	26°40	25°13	14° 0	28°42	S 19
S 20	12 28 49	9° 8'01	10≈ 8	13°57	23°31	15°35	23°41	29°31	10°54	9°25	29°58	26°41	25°10	14° 7	28°D42	S 20
M21	12 32 46	10° 7'03	22°57	14°25	24°36	16°22	23°43	29°37	10°51	9°27	29°59	26°R42	25° 7	14°14	28°42	M21
T 22	12 36 42	11° 6'02	5) €32	14°57	25°41	17° 8	23°45	29°43	10°49	9°29	0 ∀ 1	26°42	25° 4	14°20	28°42	T 22
W23	12 40 39	12° 5'00	17°56	15°34	26°46	17°55	23°47	29°49	10°46	9°31	0° 2	26°39	25° 1	14°27	28°42	W23
T 24	12 44 35	13° 3'56	0 Υ 11	16°14	27°52	18°42	23°50	29°55	10°44	9°33	0° 3	26°35	24°57	14°34	28°43	T 24
F 25	12 48 32	14° 2'49	12°18	16°58	28°57	19°29	23°52	0) 1	10°41	9°35	0° 5	26°28	24°54	14°40	28°43	F 25
S 26	12 52 28	15° 1'41	24°19	17°45	0 米 3	20°15	23°55	0° 7	10°38	9°37	0° 6	26°20	24°51	14°47	28°44	S 26
S 27	12 56 25	16° 0'31	6 8 15	18°36	1° 9	21° 2	23°58	0°13	10°36	9°39	0° 7	26°10	24°48	14°54	28°44	S 27
M28	13 0 21	16°59'18	18° 8	19°29	2°15	21°49	24° 1	0°19	10°33	9°41	0° 8	26° 0	24°45	15° 1	28°45	M28
T 29	13 4 18	17°58'04	29°59	20°26	3°22	22°35	24° 5	0°24	10°31	9°43	0°10	25°51	24°41	15° 7	28°46	T 29
W30	13 8 14	18°56'47	11 Ⅱ 52	21°26	4°28	23°22	24° 8	0°30	10°28	9°45	0°11	25°43	24°38	15°14	28°47	W30
T 31	13 12 11	19 Y 55'28	23 Ⅱ 49	22 米 29	5 ₩ 35	24 米 9	249612	0 ∺ 35	10 ≏ 26	9 8 47	0 米 12	25 Ω 38	24 Ω 35	15 8 21	289548	T 31

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T 3 F 4 S 5		17 45 4 58 18 57 4 31 19 18 3 51	1 13 3 1 1 44 3 6 2 15 2 5	6 16 40 2 1	11 27 1 8		13 34 1 20 13 32 1 20 13 29 1 20	3 57 0 43 3 56 0 43 3 55 0 43	12 50 1 46	22 50 12 0	12 32 1	2 51 10 4 2 53 10 4 2 54 10 5	8 13 12 7 22
S 6 M 7 T 8	1 28	18 41 2 58 17 3 1 55 14 27 0 44	2 46 2 4 3 16 2 2 3 46 2 1	9 16 11 1 43	10 53 1 8 10 36 1 8 10 18 1 8		13 27 1 20 13 25 1 21 13 23 1 21		12 51 1 46 12 51 1 46 12 52 1 46	22 49 12 1	12 31 1	2 55 10 5 2 56 10 5 2 57 10 5	4 13 15 7 20
W 9 T 10 F 11	0 41 0 17 0n 6	10 57 0n32 6 42 1 48 1 58 2 59	4 14 2 4 40 1 4 5 4 1 3	0 15 49 1 31 5 15 37 1 25 0 15 25 1 19	10 1 1 8 9 43 1 8 9 26 1 7	22 6 0 41 22 6 0 41 22 6 0 40	13 20 1 21 13 18 1 21 13 16 1 21	3 51 0 43 3 50 0 43 3 49 0 43	12 53 1 46 12 53 1 46 12 54 1 46	22 48 12 1 22 48 12 1 22 48 12 1	12 30 1 12 31 1 12 32 1	2 58 10 5 2 59 10 5 3 0 11	7 13 17 7 18 9 13 18 7 18 1 13 19 7 17
S 12 S 13 M14		2 s 5 7 3 5 8 7 4 2 4 4 2 1 1 5 8 5 6 6 1 5 6 6	5 26 1 14 5 46 0 5 6 4 0 4	9 14 59 1 8 3 14 46 1 2	9 8 1 7 8 50 1 7 8 32 1 7	22 6 0 40 22 6 0 40	13 12 1 21 13 10 1 21	3 48 0 43 3 47 0 43 3 46 0 43	12 55 1 46 12 56 1 46	22 47 12 2 22 47 12 2	12 33 1 12 35 1 12 37 1	3 2 11 3 3 11	3 13 20 7 16 5 13 21 7 15 6 13 22 7 15 6 13 22 7 15
T 15 W16 T 17 F 18 S 19	1 41 2 4 2 28 2 51	15 26 5 10 17 52 4 54 19 10 4 20 19 16 3 32 18 17 2 34	6 19 0 2 6 31 0 1 6 41 0s 6 6 48 0 1 6 54 0 2	4 14 17 0 51 0 14 2 0 45 4 13 47 0 40	8 14 1 7 7 56 1 7 7 38 1 7 7 20 1 7 7 2 1 7	22 6 0 40 22 6 0 40 22 6 0 40 22 5 0 40 22 5 0 40	13 5 1 22 13 3 1 22 13 1 1 22	3 45 0 43 3 44 0 43 3 43 0 43 3 42 0 43 3 41 0 43	12 57 1 46 12 58 1 46 12 58 1 45	22 46 12 2 22 46 12 3	12 38 1 12 39 1 12 40 1 12 40 1	3 5 11 1 3 7 11 1 3 8 11 1	8 13 23 7 14 0 13 24 7 13 2 13 24 7 12 4 13 25 7 12 5 13 26 7 11
S 20 M21 T 22	3 38 4 1 4 24	16 19 1 29 13 35 0 20 10 15 0s48	6 56 0 4 6 57 0 5	0 13 15 0 29	7 2 1 7 6 44 1 7 6 25 1 7 6 7 1 7		12 57 1 22 12 55 1 22	3 40 0 43 3 39 0 43 3 38 0 43	13 0 1 45 13 0 1 45	22 45 12 3 22 44 12 3	12 39 1 12 39 1	3 10 11 1 3 11 11 1 3 12 11 2	7 13 27 7 10 9 13 27 7 9
W23 T 24 F 25 S 26	4 47 5 10 5 33 5 56	6 30 1 52 2 32 2 51 1n29 3 41 5 25 4 20	6 51 1 1 6 44 1 2 6 36 1 3 6 26 1 4	4 12 6 0 9 4 11 48 0 4	5 48 1 7 5 30 1 6 5 11 1 6 4 53 1 6		12 49 1 23 12 47 1 23	3 37 0 43 3 36 0 43 3 35 0 43 3 34 0 43	13 2 1 45 13 3 1 45	22 44 12 4 22 43 12 4	12 41 1 12 43 1	3 13 11 2 3 14 11 2 3 15 11 2 3 16 11 2	4 13 30 7 7 6 13 30 7 6
S 27 M28 T 29 W30 T 31	7 4 7 26	9 6 4 48 12 25 5 3 15 13 5 5 17 24 4 54 18n51 4 \$30	6 14 1 5 6 0 1 5 5 44 2 5 26 2 1 5 5 7 2 s 1	9 10 51 0 10 6 10 31 0 14 3 10 11 0 18	4 16 1 6 3 57 1 6 3 39 1 6	22 1 0 40 22 1 0 40 22 0 0 40 22 0 0 40 21n59 0n40	12 41 1 23 12 40 1 24	3 33 0 43 3 32 0 43 3 31 0 43 3 30 0 43 3 s29 0n43	13 5 1 45 13 6 1 45 13 6 1 45	22 43 12 5 22 43 12 5 22 42 12 6	12 53 1 12 56 1 12 58 1	3 17 11 3 3 18 11 3 3 19 11 3 3 20 11 3	1 13 32 7 4 3 13 33 7 3 5 13 33 7 2

Julian Day Number = 2287985.5, Delta T = 175.18 sec

Ecliptic obliquity = $23^{\circ}29'44$, Nutation = - $0^{\circ}00'09$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°29'28, Lahiri = 17°36'29 Julian Calendar 1 March 1552 == Greg. Calendar 11 March 1552

APRIL 1552 JC 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ð	4	ħ)∤(并	Р	S.	v	Ç	Ŗ	Day
F 1	13 16 8	20 Υ 54'07	5954	23) 34	6) (41	24) 55	249916	0) (41	10°R23	9 8 50	0) €13	25°R34	24 Q 32	15 8 27	28949	F 1
S 2	13 20 4	21°52'44	18°11	24°42	7°48	25°42	24°20	0°46	10 ≏ 21	9°52	0°14	25°D33	24°29	15°34	28°50	S 2
S 3	13 24 1	22°51'19	0 Ω 46	25°52	8°55	26°28	24°25	0°52	10°18	9°54	0°15	25 Ω 33	24°26	15°41	28°52	S 3
M 4	13 27 57	23°49'51	13°43	27° 4	10° 2	27°14	24°29	0°57	10°16	9°56	0°17	25°34	24°22	15°48	28°53	M 4
T 5	13 31 54	24°48'21	27° 6	28°19	11°10	28° 1	24°34	1° 3	10°13	9°58	0°18	25°R35	24°19	15°54	28°55	T 5
W 6	13 35 50	25°46'49	10 m 58	29°36	12°17	28°47	24°38	1° 8	10°11	10° 1	0°19	25°34	24°16	16° 1	28°57	W 6
T 7	13 39 47	26°45'15	25°18	0 Υ 55	13°25	29°33	24°43	1°13	10° 8	10° 3	0°20	25°30	24°13	16° 8	28°58	T 7
F 8	13 43 43	27°43'38	10 ♀ 4	2°17	14°32	o Υ 20	24°48	1°18	10° 6	10° 5	0°21	25°25	24°10	16°15	29° 0	F 8
S 9	13 47 40	28°42'00	25°10	3°40	15°40	1° 6	24°54	1°23	10° 3	10° 7	0°22	25°17	24° 7	16°21	29° 2	S 9
S 10	13 51 37	29°40'20	10 M 26	5° 5	16°48	1°52	24°59	1°28	10° 1	10° 9	0°23	25° 8	24° 3	16°28	29° 4	S 10
M11	13 55 33	0 8 38'38	25°41	6°32	17°56	2°38	25° 4	1°33	9°59	10°12	0°24	24°58	24° 0	16°35	29° 7	M11
T 12	13 59 30	1°36'55	10 х 45	8° 2	19° 4	3°25	25°10	1°38	9°56	10°14	0°25	24°50	23°57	16°41	29° 9	T 12
W13	14 3 26	2°35'10	25°28	9°33	20°12	4°11	25°16	1°42	9°54	10°16	0°26	24°43	23°54	16°48	29°11	W13
T 14	14 7 23	3°33'23	9 궁 46	11° 6	21°20	4°57	25°22	1°47	9°52	10°18	0°27	24°38	23°51	16°55	29°14	T 14
F 15	14 11 19	4°31'35	23°36	12°41	22°29	5°43	25°28	1°52	9°49	10°21	0°27	24°36	23°47	17° 2	29°16	F 15
S 16	14 15 16	5°29'45	6≈59	14°18	23°37	6°29	25°34	1°56	9°47	10°23	0°28	24°D36	23°44	17° 8	29°19	S 16
S 17	14 19 12	6°27'54	19°59	15°56	24°46	7°15	25°41	2° 1	9°45	10°25	0°29	24°R36	23°41	17°15	29°22	S 17
M18	14 23 9	7°26'02	2 ∺ 39	17°37	25°55	8° 1	25°47	2° 5	9°43	10°27	0°30	24°36	23°38	17°22	29°25	M18
T 19	14 27 6	8°24'08	15° 4	19°19	27° 3	8°47	25°54	2° 9	9°41	10°30	0°31	24°34	23°35	17°28	29°28	T 19
W20	14 31 2	9°22'12	27°16	21° 4	28°12	9°32	26° 1	2°13	9°38	10°32	0°32	24°30	23°32	17°35	29°31	W20
T 21	14 34 59	10°20'15	9 Υ 20	22°50	29°21	10°18	26° 8	2°18	9°36	10°34	0°32	24°23	23°28	17°42	29°34	T 21
F 22	14 38 55	11°18'17	21°18	24°38	0 Υ 30	11° 4	26°15	2°22	9°34	10°36	0°33	24°14	23°25	17°49	29°37	F 22
S 23	14 42 52	12°16'17	3 8 13	26°28	1°39	11°50	26°22	2°26	9°32	10°39	0°34	24° 1	23°22	17°55	29°40	S 23
S 24	14 46 48	13°14'15	15° 5	28°20	2°49	12°35	26°30	2°29	9°30	10°41	0°34	23°48	23°19	18° 2	29°44	S 24
M25	14 50 45	14°12'12	26°57	0814	3°58	13°21	26°37	2°33	9°28	10°43	0°35	23°34	23°16	18° 9	29°47	M25
T 26	14 54 41	15°10'08	8 II 50	2° 9	5° 7	14° 6	26°45	2°37	9°26	10°45	0°36	23°21	23°13	18°16	29°51	T 26
W27	14 58 38	16° 8'02	20°45	4° 7	6°17	14°52	26°53	2°41	9°24	10°48	0°36	23° 9	23° 9	18°22	29°55	W27
T 28	15 2 35	17° 5'54	29545	6° 6	7°26	15°37	27° 1	2°44	9°22	10°50	0°37	23° 0	23° 6	18°29	29°59	T 28
F 29	15 631	18° 3'44	14°52	8° 7	8°36	16°23	27° 9	2°48	9°21	10°52	0°37	22°54	23° 3	18°36	O Ω 2	F 29
S 30	15 10 28	198 1'33	279511	10810	9 Ƴ 45	17 Y 8	279517	2) (51	9 ₽ 19	10854	0) €38	$22\Omega51$	23Ω 0	18 8 42	0Ω 6	S 30

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F 1	8n11	19n28	3 s54	4 s45	2 s24	9s30	0 s27	3 s 1	1 s 5	21n58	0n40	12 s34	1 s24	3 s28	0n43	13n 8		22 s42				11n39		7 s 1
S 2	8 33	19 11	3 6	4 23	2 28	9 9	0 31	2 43	1 5	21 57	0 40	12 32	1 24	3 27	0 43	13 9	1 45	22 42	12 6	13 2	13 24	11 40	13 35	7 0
S 3		17 56	2 9	3 59	2 32	8 47	0 35	2 24		21 57		12 30						22 42		-		11 42		6 59
M 4	9 16 9 38		1 3 0n 8	3 33 3 6	2 36 2 39	8 26 8 4	0 39	2 5		21 56		-	1 25 1 25		-	13 10 13 11	-	22 41 22 41		13 2 13 2		11 44 11 46		6 59 6 58
W 6	9 59		1 21	2 37	2 41	7 41	0 43	1 28		21 54			1 25		-	13 11	-	22 41		-		11 40		6 57
T 7	10 20	4 11	2 32	2 7	2 43	7 19	0 50	1 9		21 53		12 24	1 25			13 12		22 41				11 49		6 56
F 8	10 41	0s43	3 34	1 36	2 44	6 56	0 54	0 50		21 52		12 22	1 25			13 13		22 41				11 51		6 55
S 9	11 2	5 41	4 23	1 3	2 45	6 33	0 58	0 32	1 3	21 51	0 40	12 20	1 26	3 20	0 42	13 14	1 45	22 41	12 8	13 7	13 31	11 53	13 38	6 55
S 10	11 23		4 53	0 30	-	6 10	1 1	0 13		21 50			1 26			13 14		22 41				11 55		6 54
M11 T 12		14 19 17 18	5 3 4 52	0n 5 0 42	2 44 2 43	5 46 5 22	1 4	0n 5 0 24		21 49			1 26 1 26		-	13 15 13 16	-	22 41 22 41		-		11 56 11 58		6 53
W13	12 24		4 21	1 19	-	4 58	1 10	0 43		21 47		-	1 26			13 16	-	22 41				12 0		6 52
T 14		19 34	3 35	1 58	2 39	4 34	1 13	1 1		21 46		-	1 26		-	13 17		22 41			13 36			6 51
F 15 S 16	13 4 13 23	18 51 17 5	2 37 1 32	2 37 3 18	2 36 2 33	4 10 3 45	1 16 1 19	1 20 1 38		21 45			1 27 1 27	3 15 3 14		13 18 13 18		22 41 22 40						6 50 6 49
S 17 M18	13 42	14 28 11 13	0 25 0 s43	3 59 4 42	2 29 2 25	3 20 2 55	1 22 1 25	1 57 2 15		21 42		_	1 27 1 27			13 19 13 20		22 40 22 40						6 49 6 48
T 19	14 20		1 46	5 25	2 20	2 30	1 27	2 34		21 40			1 27	3 12		13 20		22 40						6 47
W20	14 39	3 36	2 44	6 9		2 5	1 29	2 52		21 39			1 28		-	13 21		22 40						6 46
T 21 F 22	14 57	0n26	3 33	6 54		1 40	1 32	3 10		21 37			1 28			13 22		22 40						6 46
S 23	15 15 15 33	4 25 8 13	4 13 4 41	7 40 8 26		1 14 0 48	1 34 1 36	3 29 3 47		21 36		12 2 12 0			-	13 23 13 23		22 41 22 41						6 45
S 24		11 40	4 56			0 23	1 38	4 5		21 33		11 59	1 28			13 24		22 41						6 44
M25	16 8				1 40	0 23 0n 3	1 40	4 23		21 33			1 29		-	13 24		22 41						6 43
T 26	16 25	17 4	4 49	10 49	1 32	0 29	1 42	4 41		21 30		11 57	1 29	3 6	0 42	13 25	1 45	22 41	12 14	13 46	13 49	12 23	13 40	6 42
W27		18 45		11 37	1 24	0 55	1 44	4 59		21 29			1 29			13 26	-	22 41						6 41
T 28 F 29		19 36 19 35		12 25 13 13	1 15 1 5	1 21 1 47	1 45 1 47	5 17 5 35		21 27 21 25		11 54 11 53	1 29 1 29		-	13 27 13 28		22 41 22 41						6 41
S 30	-,	18n38		14n 2	-	2n13		5n53		21 23 21n24		11 s52	1 s30			13 28 13n28		22 s41						6 s 3 9

Julian Day Number = 2288016.5, Delta T = 174.99 sec

Ecliptic obliquity = 23°29'44, Nutation = -0°00'11, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 18°29'32, Lahiri = 17°36'33 Julian Calendar 1 Apr. 1552 == Greg. Calendar 11 Apr. 1552

MAY 1552 JC 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(¥	Р	v	v	Ç	ķ	Day
S 1	15 14 24	19859'20	9 Ω 44	12815	10 Y 55	17 Y 54	279525	2) 54	9°R17	10857	0 ∺ 39	22°R50	22 N 57	18 8 49	0Ω10	S 1
M 2	15 18 21	20°57'05	22°37	14°21	12° 5	18°39	27°34	2°58	9 ≏ 15	10°59	0°39	$22\Omega 49$	22°53	18°56	0°15	M 2
T 3	15 22 17	21°54'49	5 m 53	16°28	13°14	19°24	27°42	3° 1	9°14	11° 1	0°40	22°49	22°50	19° 3	0°19	T 3
W 4	15 26 14	22°52'31	19°37	18°37	14°24	20° 9	27°51	3° 4	9°12	11° 3	0°40	22°48	22°47	19° 9	0°23	W 4
T 5	15 30 10	23°50'11	3 ≏ 49	20°46	15°34	20°54	27°59	3° 7	9°10	11° 5	0°40	22°44	22°44	19°16	0°28	T 5
F 6	15 34 7	24°47'50	18°28	22°57	16°44	21°39	28° 8	3°10	9° 9	11°8	0°41	22°38	22°41	19°23	0°32	F 6
S 7	15 38 4	25°45'27	3 M .30	25° 8	17°54	22°24	28°17	3°12	9° 7	11°10	0°41	22°29	22°38	19°30	0°37	S 7
S 8	15 42 0	26°43'03	18°47	27°20	19° 4	23° 9	28°26	3°15	9° 6	11°12	0°41	22°19	22°34	19°36	0°41	S 8
M 9	15 45 57	27°40'38	4 ₹ 7	29°32	20°14	23°54	28°36	3°18	9° 4	11°14	0°42	22° 8	22°31	19°43	0°46	M 9
T 10	15 49 53	28°38'11	1 <u>9</u> °19	1 II 43	21°25	24°39	28°45	3°20	9° 3	11°16	0°42	21°58	22°28	19°50	0°51	T 10
W11	15 53 50	29°35'44	4 전 13	3°54	22°35	25°24	28°54	3°23	9° 2	11°19	0°42	21°50	22°25	19°56	0°56	W11
T 12	15 57 46	0 ∏ 33'16	18°41	6° 5	23°45	26° 9	29° 4	3°25	9° 0	11°21	0°43	21°45	22°22	20° 3	1° 0	T 12
F 13	16 1 43	1°30'46	2≈40	8°14	24°56	26°54	29°13	3°27	8°59	11°23	0°43	21°42	22°19	20°10	1° 5	F 13
S 14	16 5 39	2°28'16	16°10	10°23	26° 6	27°38	29°23	3°29	8°58	11°25	0°43	21°41	22°15	20°17	1°11	S 14
S 15	16 9 36	3°25'45	29°13	12°30	27°17	28°23	29°33	3°31	8°57	11°27	0°43	21°41	22°12	20°23	1°16	S 15
M16	16 13 33	4°23'13	11 米 54	14°35	28°27	29° 7	29°43	3°33	8°56	11°29	0°43	21°40	22° 9	20°30	1°21	M16
T 17	16 17 29	5°20'41	24°15	16°38	29°38	29°52	29°53	3°35	8°55	11°31	0°44	21°39	22° 6	20°37	1°26	T 17
W18	16 21 26	6°18'07	6 Υ 24	18°40	0 8 48	0 8 36	0 Ω 3	3°37	8°54	11°33	0°44	21°36	22° 3	20°43	1°32	W18
T 19	16 25 22	7°15'33	18°23	20°39	1°59	1°21	0°13	3°39	8°53	11°36	0°44	21°29	21°59	20°50	1°37	T 19
F 20	16 29 19	8°12'59	0817	22°36	3°10	2° 5	0°23	3°40	8°52	11°38	0°44	21°21	21°56	20°57	1°43	F 20
S 21	16 33 15	9°10'23	12° 8	24°31	4°20	2°49	0°33	3°42	8°51	11°40	0°44	21°10	21°53	21° 4	1°48	S 21
S 22	16 37 12	10° 7'47	24° 0	26°24	5°31	3°34	0°44	3°43	8°50	11°42	0°R44	20°57	21°50	21°10	1°54	S 22
M23	16 41 8	11° 5'10	5 Ⅱ 53	28°14	6°42	4°18	0°54	3°44	8°49	11°44	0°44	20°44	21°47	21°17	1°59	M23
T 24	16 45 5	12° 2'32	17°50	0ණ 1	7°53	5° 2	1° 5	3°45	8°48	11°46	0°44	20°32	21°44	21°24	2° 5	T 24
W25	16 49 2	12°59'54	29°52	1°46	9° 4	5°46	1°15	3°46	8°48	11°48	0°44	20°22	21°40	21°31	2°11	W25
T 26	16 52 58	13°57'15	1299 0	3°29	10°15	6°30	1°26	3°47	8°47	11°50	0°44	20°14	21°37	21°37	2°17	T 26
F 27	16 56 55	14°54'35	24°16	5° 9	11°26	7°14	1°37	3°48	8°47	11°52	0°43	20° 8	21°34	21°44	2°23	F 27
S 28	17 0 51	15°51'54	6 Ω 42	6°46	12°37	7°58	1°48	3°49	8°46	11°54	0°43	20° 5	21°31	21°51	2°29	S 28
S 29	17 4 48	16°49'12	19°21	8°20	13°48	8°41	1°59	3°50	8°46	11°56	0°43	20°D 4	21°28	21°57	2°35	S 29
M30	17 8 44	17°46'29	2 Mp 17	9°53	14°59	9°25	2°10	3°50	8°45	11°58	0°43	20° 5	21°25	22° 4	2°41	M30
T 31	17 12 41	18 Ⅲ 43'45	15 m 32	119522	16 8 11	108 9	2 Ω 21	3 ∺ 51	8 ≏ 45	11 8 59	0) €43	20°R 5	21 \O 21	22811	2Ω 47	T 31

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S 1	17n47		14n50 0s45			21n22 0n40				22 s41 12 s15		-	
M 2	18 2	13 59 0 1					11 50 1 30			22 41 12 16			
T 3		10 26 1n 9				21 19 0 39		-		22 42 12 16			
W 4	18 32	6 13 2 16				21 17 0 39		-	13 31 1 45				
T 5	18 47		17 56 0 4			21 15 0 39				22 42 12 17			
F 6	19 1		18 40 On 7			21 14 0 39				22 42 12 17			
S 7	19 15	8 15 4 44	19 22 0 17	5 16 1 55	7 55 0 54	21 12 0 39	11 46 1 31	2 59 0 42	13 33 1 45	22 42 12 18	14 3 14	1 0 12 42	13 38 6 35
S 8	19 28	12 39 5 0	20 4 0 28	5 42 1 56	8 12 0 53	21 10 0 39	11 45 1 31	2 58 0 42	13 34 1 45	22 42 12 18	14 6 14	1 12 43	13 38 6 34
M 9	19 41	16 12 4 54	20 43 0 38	6 8 1 57	8 29 0 53	21 8 0 39	11 45 1 32	2 58 0 42	13 34 1 45	22 43 12 18	14 10 14	1 2 12 45	13 38 6 33
T 10	19 54	18 37 4 27	21 20 0 48	6 34 1 57	8 46 0 52	21 6 0 39	11 44 1 32	2 57 0 42	13 35 1 45	22 43 12 19	14 13 14	1 3 12 47	13 37 6 33
W11	20 7	19 43 3 43	21 55 0 57	6 59 1 57	9 3 0 52	21 4 0 39	11 43 1 32	2 57 0 42	13 36 1 45	22 43 12 19	14 16 14	4 12 49	13 37 6 32
T 12	20 19	19 28 2 45	22 28 1 6	7 25 1 58	9 19 0 51	21 2 0 39	11 42 1 32	2 56 0 42	13 36 1 45	22 43 12 19	14 17 14	1 5 12 50	13 36 6 32
F 13	20 31	18 0 1 39	22 58 1 15	7 51 1 58	9 36 0 51	21 0 0 39	11 42 1 32	2 56 0 42	13 37 1 45	22 44 12 20	14 18 14	4 6 12 52	13 36 6 31
S 14	20 42	15 34 0 29	23 25 1 23	8 16 1 58	9 53 0 50	20 58 0 39	11 41 1 33	2 56 0 42	13 38 1 45	22 44 12 20	14 19 14	8 12 54	13 36 6 30
S 15	20 53	12 24 0 s40	23 50 1 30	8 42 1 58	10 9 0 50	20 56 0 39	11 41 1 33	2 55 0 41	13 38 1 45	22 44 12 20	14 19 14	9 12 56	13 35 6 30
M16	21 4	8 44 1 45	24 13 1 37	9 7 1 58	10 25 0 49	20 54 0 39	11 40 1 33	2 55 0 41	13 39 1 45	22 44 12 21	14 19 14	1 10 12 57	13 34 6 29
T 17	21 15	4 47 2 43	24 32 1 43	9 32 1 58	10 41 0 49	20 52 0 39	11 40 1 33	2 54 0 41	13 39 1 45	22 45 12 21	14 19 14	1 11 12 59	13 34 6 29
W18	21 25	0 43 3 33	24 49 1 49	9 57 1 58	10 57 0 48	20 50 0 39	11 39 1 33	2 54 0 41	13 40 1 45	22 45 12 21	14 20 14	1 12 13 1	13 33 6 28
T 19	21 34	3n19 4 13	25 3 1 53	10 21 1 57	11 13 0 48	20 48 0 39	11 39 1 34	2 54 0 41	13 41 1 45	22 45 12 22	14 22 14	1 13 13 2	13 33 6 27
F 20	21 44	7 12 4 41	25 14 1 57	10 46 1 57	11 29 0 47	20 45 0 39	11 39 1 34	2 53 0 41	13 41 1 45	22 45 12 22	14 25 14	1 14 13 4	13 32 6 27
S 21	21 53	10 47 4 57	25 23 2 0	11 10 1 56	11 45 0 47	20 43 0 39	11 38 1 34	2 53 0 41	13 42 1 45	22 46 12 22	14 29 14	1 15 13 6	13 31 6 26
S 22	22 1	13 57 5 1	25 30 2 3	11 34 1 56	12 1 0 46	20 41 0 39	11 38 1 34	2 53 0 41	13 43 1 45	22 46 12 23	14 33 14	1 16 13 8	13 31 6 26
M23	22 9	16 34 4 51	25 34 2 5	11 58 1 55	12 16 0 46	20 39 0 39	11 38 1 35	2 52 0 41	13 43 1 45	22 46 12 23	14 37 14	1 17 13 9	13 30 6 25
T 24	22 17	18 29 4 28	25 35 2 6	12 22 1 54	12 31 0 45	20 36 0 39	11 38 1 35	2 52 0 41	13 44 1 45	22 47 12 23	14 41 14	18 13 11	13 29 6 25
W25	22 25	19 36 3 54	25 35 2 6		12 46 0 44	20 34 0 39	11 37 1 35	2 52 0 41	13 44 1 45	22 47 12 24	14 44 14	1 19 13 13	13 29 6 24
T 26	22 32	19 50 3 8			13 2 0 44	20 32 0 39		2 52 0 41		22 47 12 24			1 1
F 27	22 38	19 8 2 13	25 27 2 4	13 32 1 52	13 16 0 43	20 29 0 39	11 37 1 36	2 52 0 41	13 45 1 45	22 48 12 24	14 48 14	1 21 13 16	13 27 6 23
S 28	22 45	17 30 1 11	25 21 2 2	13 54 1 51	13 31 0 43	20 27 0 39	11 37 1 36	2 51 0 41	13 46 1 45	22 48 12 25	14 49 14	1 22 13 18	13 26 6 23
S 29	22 50	15 0 0 4	25 13 1 59	14 17 1 50	13 46 0 42	20 24 0 39	11 37 1 36	2 51 0 41	13 47 1 45	22 49 12 25	14 50 14	1 23 13 19	13 25 6 22
M30	22 56	11 42 1n 5	25 3 1 56	14 39 1 48	14 0 0 42	20 22 0 39	11 37 1 36	2 51 0 41	13 47 1 46	22 49 12 25	14 49 14	1 24 13 21	13 25 6 22
T 31	23n 1	7n44 2n12	24n51 1n51	15n 0 1s47	14n15 0s41	20n19 0n39	11 s37 1 s36	2 s51 0n41	13n48 1s46	22 s49 12 s26	14n49 14	4n25 13n23	13n24 6s21

Julian Day Number = 2288046.5, Delta T = 174.82 sec

Ecliptic obliquity = $23^{\circ}29'43$, Nutation = - $0^{\circ}00'12$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°29'37, Lahiri = 17°36'37 Julian Calendar 1 May 1552 == Greg. Calendar 11 May 1552

JUNE 1552 JC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)/j(¥	Р	ß	Ω	Ç	ę,	Day
W 1	17 16 37	19 ∏ 41'01	29 m)10	129549	17822	10 8 52	2 N 32	3 ∺ 51	8°R44	128 1	0°R43	20°R 5	21 Ω 18	22818	2 Ω 54	W 1
T 2	17 20 34	20°38'16	13 <u>~</u> 12	14°13	18°33	11°36	2°44	3°52	8 ॒ 44	12° 3	0) €42	20⋒ 3	21°15	22°24	3° 0	T 2
F 3	17 24 31	21°35'29	27°38	15°34	19°44	12°20	2°55	3°52	8°44	12° 5	0°42	19°59	21°12	22°31	3° 6	F 3
S 4	17 28 27	22°32'43	12 M 25	16°52	20°56	13° 3	3° 6	3°R52	8°44	12° 7	0°42	19°52	21° 9	22°38	3°13	S 4
S 5	17 32 24	23°29'55	27°27	18° 8	22° 7	13°46	3°18	3°52	8°44	12° 9	0°41	19°45	21° 5	22°45	3°19	S 5
M 6	17 36 20	24°27'07	12 × 35	19°21	23°19	14°30	3°29	3°52	8°D44	12°10	0°41	19°36	21° 2	22°51	3°26	M 6
T 7	17 40 17	25°24'19	27°40	20°31	24°30	15°13	3°41	3°51	8°44	12°12	0°41	19°29	20°59	22°58	3°32	T 7
W 8	17 44 13	26°21'30	12 る 30	21°38	25°41	15°56	3°52	3°51	8°44	12°14	0°40	19°23	20°56	23° 5	3°39	W 8
T 9	17 48 10	27°18'41	26°59	22°42	26°53	16°39	4° 4	3°51	8°44	12°16	0°40	19°19	20°53	23°11	3°45	T 9
F 10	17 52 6	28°15'52	11≈ 3	23°42	28° 5	17°22	4°16	3°50	8°44	12°17	0°39	19°17	20°50	23°18	3°52	F 10
S 11	17 56 3	29°13'03	24°38	24°40	29°16	18° 5	4°28	3°50	8°44	12°19	0°39	19°D16	20°46	23°25	3°59	S 11
S 12	18 0 0	09510'14	7){ 46	25°34	0П28	18°48	4°40	3°49	8°44	12°21	0°38	19°17	20°43	23°32	4° 6	S 12
M13	18 3 56	1° 7'25	20°30	26°24	1°40	19°31	4°52	3°48	8°45	12°22	0°38	19°18	20°40	23°38	4°13	M13
T 14	18 7 53	2° 4'36	2 Y 55	27°12	2°51	20°14	5° 4	3°47	8°45	12°24	0°37	19°R19	20°37	23°45	4°19	T 14
W15	18 11 49	3° 1'48	15° 5	27°55	4° 3	20°56	5°16	3°46	8°46	12°26	0°37	19°18	20°34	23°52	4°26	W15
T 16	18 15 46	3°58'59	27° 4	28°35	5°15	21°39	5°28	3°45	8°46	12°27	0°36	19°15	20°30	23°58	4°33	T 16
F 17	18 19 42	4°56'11	8 8 57	29°10	6°27	22°22	5°40	3°44	8°47	12°29	0°36	19°11	20°27	24° 5	4°40	F 17
S 18	18 23 39	5°53'23	20°49	29°42	7°39	23° 4	5°52	3°43	8°47	12°30	0°35	19° 5	20°24	24°12	4°47	S 18
S 19	18 27 35	6°50'35	2∏42	0Ω10	8°51	23°47	6° 4	3°41	8°48	12°32	0°34	18°58	20°21	24°19	4°54	S 19
M20	18 31 32	7°47'47	14°39	0°33	10° 3	24°29	6°17	3°40	8°48	12°33	0°34	18°50	20°18	24°25	5° 2	M20
T 21	18 35 29	8°45'00	26°42	0°52	11°15	25°11	6°29	3°38	8°49	12°35	0°33	18°43	20°15	24°32	5° 9	T 21
W22	18 39 25	9°42'12	8953	1° 6	12°27	25°53	6°41	3°37	8°50	12°36	0°32	18°37	20°11	24°39	5°16	W22
T 23	18 43 22	10°39'25	21°13	1°16	13°39	26°36	6°54	3°35	8°51	12°37	0°32	18°32	20° 8	24°46	5°23	T 23
F 24	18 47 18	11°36'38	3 Ω 44	1°21	14°51	27°18	7° 6	3°33	8°52	12°39	0°31	18°29	20° 5	24°52	5°30	F 24
S 25	18 51 15	12°33'51	16°25	1°R21	16° 3	28° 0	7°19	3°31	8°53	12°40	0°30	18°D28	20° 2	24°59	5°38	S 25
S 26	18 55 11	13°31'05	29°19	1°16	17°15	28°42	7°31	3°29	8°54	12°41	0°29	18°29	19°59	25° 6	5°45	S 26
M27	18 59 8	14°28'18	12 m 27	1° 7	18°28	29°24	7°44	3°27	8°55	12°43	0°29	18°30	19°56	25°12	5°52	M27
T 28	19 3 4	15°25'31	25°51	0°53	19°40	0 Ⅱ 5	7°56	3°25	8°56	12°44	0°28	18°31	19°52	25°19	6° 0	T 28
W29	19 7 1	16°22'44	9 ≏ 31	0°35	20°52	0°47	8° 9	3°22	8°57	12°45	0°27	18°32	19°49	25°26	6° 7	W29
T 30	19 10 58	179519'58	23 ≏ 29	$0\Omega 12$	22 II 5	1∏29	8Ω 22	3 ∺ 20	8 ॒ 58	12846	0) €26	18°R32	19 Ω 46	25 8 33	6Ω 14	T 30

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W 1 T 2	23n 6 23 10	1 s28	4 5	24n39 24 25	1 41	15 43	1 44	14n29 14 43	0 40	20n17 20 14	0 39	11 37	1 37	2 51		13 49	1 46	22 s50 22 50	12 27	14 50	14 27	13 26	13 22	6 20
F 3 S 4	23 14 23 17		4 42 5 3	24 9 23 53	1 35 1 28			14 57 15 11		20 12 20 9	0 39	11 37 11 38	1 37 1 37	2 51 2 51	0 41 0 41	13 49 13 50		22 51 22 51						6 20 6 19
S 5 M 6	23 20 23 23	17 43	4 41	23 36 23 17	1 20	17 3	1 38	15 24 15 38		20 4	0 40 0 40	11 38	1 38	2 51 2 51	0 41 0 41	13 50 13 51	1 46	22 51 22 52	12 28	14 58	14 31	13 33	13 18	6 18
W 8 T 9		19 51	3 4	22 58 22 39 22 19	1 4 0 54 0 44	17 41	1 35	15 51 16 4 16 17		19 58 19 55	0 40 0 40 0 40		1 38 1 38 1 39	2 51 2 51 2 51	0 41	13 51 13 52 13 52	1 46	22 5222 5322 53	12 28	15 3	14 33	13 36	13 17 13 16 13 15	
F 10 S 11		13 48		21 58 21 37	0 34 0 23	18 18 18 35	1 29	16 30 16 43	0 34	19 53 19 50	0 40	11 39 11 40	1 39 1 39	2 51 2 51		13 53 13 53		22 54 22 54					13 14 13 12	
	23 29 23 29	6 13 2 6	2 40 3 33	21 16 20 55 20 33	0s 1 0 13	19 25	1 25 1 23	16 55 17 7 17 20	0 33 0 32	19 47 19 44 19 41	0 40 0 40	11 41	1 39 1 39 1 40	2 51 2 51 2 52	0 40 0 40	13 54 13 54 13 55	1 46 1 46	22 55 22 55 22 56	12 30 12 30	15 4 15 4	14 38 14 39	13 45 13 46		6 15 6 15
F 17	23 28 23 26 23 24	6 0 9 43	4 46 5 4	20 12 19 51 19 30	0 53	19 56 20 10	1 19 1 17	17 31 17 43 17 55	0 31 0 30	19 32	0 40 0 40 0 40	11 43 11 43	1 40 1 40 1 40	2 52 2 52 2 52	0 40	13 55 13 56	1 46 1 46	22 56 22 56 22 57	12 31 12 31	15 5 15 6	14 41 14 42	13 48 13 50 13 51	13 6 13 5	6 15 6 14 6 14
S 19	23 19	15 51	5 0	19 10 18 50	1 22	20 25 20 38	1 12	18 6 18 18	0 29	19 29 19 26	0 40	11 44 11 45	1 41	2 53 2 53	0 40	13 56 13 57	1 46	22 58 22 58	12 32	15 10	14 44	13 55	13 2	6 13
	23 12	19 23	4 4	18 31 18 12 17 54	1 37 1 51 2 6		1 8	18 29 18 40 18 50	0 27	19 23 19 20 19 17	0 40 0 40 0 40	11 46	1 41 1 41 1 41	2 53 2 54 2 54	0 40	13 57 13 58 13 58		22 59 22 59 23 0	-	15 15	14 46	13 58	_	6 13 6 13 6 12
T 23 F 24 S 25	23 4 22 59 22 54	18 5		17 38 17 22 17 7	2 36	21 27 21 38 21 48	1 1	19 1 19 11 19 22	0 26 0 25 0 25		0 40 0 40 0 40	11 49	1 42 1 42 1 42	2 54 2 55 2 55	0 40	13 58 13 59 13 59	1 47 1 47 1 47	23 1	12 33 12 33 12 34	15 19	14 49	14 3	12 57 12 56 12 54	6 12 6 12 6 11
S 26 M27 T 28	22 48 22 42 22 36	12 39 8 52	0n59 2 7	16 54 16 42 16 32	3 6 3 20	21 58	0 56 0 53	19 32 19 41 19 51	0 24 0 23	19 5		11 50 11 51	1 42 1 42 1 43	2 55 2 56 2 56	0 40 0 40	13 59 14 0	1 47 1 47	23 2 23 2	12 34 12 34	15 20 15 19	14 51 14 52	14 6 14 8	12 53	6 11 6 11
W29	22 29	0s 3	4 3		3 47	22 23 22n30	0 48	20 0 20n10	0 22	18 55 18n52	0 40		1 43 1 s43	2 57	0 40		1 47	23 3	12 35	15 18	14 54	14 11		6 10

Julian Day Number = 2288077.5, Delta T = 174.63 sec

Ecliptic obliquity = 23°29'43, Nutation = -0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°29'41, Lahiri = 17°36'41 Julian Calendar 1 June 1552 == Greg. Calendar 11 June 1552

JULY 1552 JC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(卉	Р	n	v	Ç	Ŗ	Day
F 1	19 14 54	18917'11	7 M .43	29°R45	23 I I7	2 Ц 10	8 Ω 34	3°R18	8 Ω 59	12848	0°R25	18°R31	19 Ω 43	25 8 39	6 Ω 22	F 1
S 2	19 18 51	19°14'25	22°13	299514	24°30	2°52	8°47	3 ∺ 15	9° 1	12°49	0 ∺ 24	18 Ω 29	19°40	25°46	6°29	S 2
S 3	19 22 47	20°11'39	6 ₹ 53	28°40	25°42	3°33	9° 0	3°12	9° 2	12°50	0°23	18°25	19°36	25°53	6°37	S 3
M 4	19 26 44	21° 8'53	21°38	28° 3	26°54	4°15	9°13	3°10	9° 3	12°51	0°22	18°21	19°33	26° 0	6°44	M 4
T 5	19 30 40	22° 6'08	6 ප 21	27°23	28° 7	4°56	9°26	3° 7	9° 5	12°52	0°22	18°18	19°30	26° 6	6°52	T 5
W 6	19 34 37	23° 3'23	20°54	26°42	29°20	5°37	9°38	3° 4	9° 6	12°53	0°21	18°15	19°27	26°13	7° 0	W 6
T 7	19 38 34	24° 0'39	5≈11	26° 0	0932	6°18	9°51	3° 1	9°8	12°54	0°20	18°14	19°24	26°20	7° 7	T 7
F 8	19 42 30	24°57'55	19° 7	25°17	1°45	6°59	10° 4	2°58	9°10	12°55	0°19	18°D13	19°21	26°26	7°15	F 8
S 9	19 46 27	25°55'12	2) (40	24°35	2°58	7°40	10°17	2°55	9°11	12°56	0°18	18°14	19°17	26°33	7°22	S 9
S 10	19 50 23	26°52'30	15°50	23°55	4°10	8°21	10°30	2°52	9°13	12°57	0°17	18°15	19°14	26°40	7°30	S 10
M11	19 54 20	27°49'49	28°37	23°16	5°23	9° 2	10°43	2°49	9°15	12°58	0°16	18°16	19°11	26°47	7°38	M11
T 12	19 58 16	28°47'09	11 Y 5	22°40	6°36	9°43	10°56	2°45	9°16	12°59	0°15	18°18	19° 8	26°53	7°45	T 12
W13	20 2 13	29°44'30	23°17	22° 7	7°49	10°23	11° 9	2°42	9°18	12°59	0°13	18°18	19° 5	27° 0	7°53	W13
T 14	20 6 9	0 Ω 41'52	5 8 18	21°38	9° 2	11° 4	11°22	2°38	9°20	13° 0	0°12	18°R18	19° 2	27° 7	8° 1	T 14
F 15	20 10 6	1°39'15	17°13	21°14	10°15	11°45	11°35	2°35	9°22	13° 1	0°11	18°18	18°58	27°13	8° 8	F 15
S 16	20 14 2	2°36'39	29° 5	20°55	11°28	12°25	11°48	2°31	9°24	13° 2	0°10	18°16	18°55	27°20	8°16	S 16
S 17	20 17 59	3°34'05	11 I 0	20°42	12°41	13° 5	12° 1	2°28	9°26	13° 2	0° 9	18°15	18°52	27°27	8°24	S 17
M18	20 21 56	4°31'31	23° 1	20°34	13°54	13°46	12°14	2°24	9°28	13° 3	0° 8	18°13	18°49	27°34	8°32	M18
T 19	20 25 52	5°28'59	59911	20°D33	15° 7	14°26	12°27	2°20	9°30	13° 4	0° 7	18°11	18°46	27°40	8°39	T 19
W20	20 29 49	6°26'28	17°32	20°38	16°20	15° 6	12°41	2°16	9°32	13° 4	0° 6	18° 9	18°42	27°47	8°47	W20
T 21	20 33 45	7°23'58	0 Ω 6	20°49	17°33	15°46	12°54	2°12	9°35	13° 5	0° 5	18° 8	18°39	27°54	8°55	T 21
F 22	20 37 42	8°21'29	12°55	21° 8	18°46	16°26	13° 7	2° 9	9°37	13° 5	0° 3	18°D 8	18°36	28° 1	9° 3	F 22
S 23	20 41 38	9°19'01	25°57	21°33	20° 0	17° 6	13°20	2° 5	9°39	13° 6	0° 2	18° 8	18°33	28° 7	9°10	S 23
S 24	20 45 35	10°16'34	9 m /14	22° 5	21°13	17°46	13°33	2° 0	9°41	13° 6	0° 1	18° 8	18°30	28°14	9°18	S 24
M25	20 49 32	11°14'08	22°43	22°43	22°26	18°25	13°46	1°56	9°44	13° 7	29≈59	18° 9	18°27	28°21	9°26	M25
T 26	20 53 28	12°11'43	6 º 25	23°29	23°40	19° 5	13°59	1°52	9°46	13° 7	29°59	18° 9	18°23	28°27	9°34	T 26
W27	20 57 25	13° 9'19	20°18	24°20	24°53	19°45	14°12	1°48	9°49	13° 7	29°57	18°10	18°20	28°34	9°41	W27
T 28	21 121	14° 6'56	4 M 21	25°19	26° 7	20°24	14°26	1°44	9°51	13° 8	29°56	18°10	18°17	28°41	9°49	T 28
F 29	21 5 18	15° 4'34	18°32	26°23	27°20	21° 3	14°39	1°40	9°54	13° 8	29°55	18°R10	18°14	28°48	9°57	F 29
S 30	21 9 14	16° 2'13	2 √ 49	27°34	28°34	21°43	14°52	1°35	9°56	13° 8	29°54	18°10	18°11	28°54	10° 5	S 30
S 31	21 13 11	16 Ω 59'53	17 .7 9	28950	299547	22 Ⅱ 22	15 Ω 5	1 ∺ 31	9 ॒ 59	138 9	29≈53	18 Ω 10	18 N 8	298 1	10\$\Omega12\$	S 31

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	decl	decl lat	decl lat	t decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl dec	l decl	decl lat
F 1 S 2	22n15 22 7	9s16 5n 7 13 20 5 12				18n48 0n40 18 45 0 40	11 s56 1 s43 11 57 1 44	2 s58 0n40 2 58 0 40		23 s 4 12 s 35 23 5 12 35	15n19 14n5 15 19 14 5	-	12n45 6s10 12 43 6 10
S 3 M 4 T 5 W 6 T 7	21 58 21 50 21 41 21 31 21 21	16 38 4 57 18 52 4 22 19 51 3 30 19 29 2 24 17 52 1 11	16 3 4 16 4 4 16 7 4	4 39 22 53 0 35	20 45 0 18 20 53 0 17 21 1 0 16	18 42 0 40 18 38 0 40 18 35 0 40 18 32 0 40 18 28 0 40	12 0 1 44 12 1 1 44	2 59 0 39 3 0 0 39 3 0 0 39 3 1 0 39 3 2 0 39	14 2 1 47 14 2 1 47 14 2 1 47	23 6 12 36 23 7 12 36 23 7 12 36	15 24 15	9 14 20 0 14 21 1 14 23	
F 8 S 9						18 25 0 41 18 21 0 41		3 2 0 39 3 3 0 39				3 14 26 4 14 28	
S 10 M11 T 12 W13 T 14 F 15 S 16		3 41 3 24 0n32 4 11 4 38 4 46 8 29 5 7 11 58 5 15	16 44 4 16 55 4 17 7 4 17 19 4	4 50 23 7 0 16 4 44 23 6 0 13 4 37 23 5 0 11 4 29 23 3 0 8 4 19 23 0 0 6	21 39 0 13 21 46 0 12 21 53 0 11 21 59 0 10 22 6 0 9		12 12 1 46 12 14 1 46	3 4 0 39 3 4 0 39 3 5 0 39 3 6 0 39 3 7 0 39 3 7 0 39 3 8 0 39	14 3 1 47 14 4 1 48 14 4 1 48 14 4 1 48 14 4 1 48	23 11 12 38 23 11 12 38	15 23 15 15 23 15 15 23 15 15 23 15 15 23 15 1	7 14 33 8 14 34 9 14 36 0 14 37	12 28 6 8 12 27 6 8 12 25 6 8 12 23 6 7 12 21 6 7
S 17 M18 T 19 W20 T 21 F 22 S 23	19 11 18 57 18 42 18 28 18 13	19 48 3 36 19 41 2 41 18 35 1 38 16 31 0 29	18 15 3 18 29 3 18 43 3 18 57 2 19 10 2	3 42 22 48 0n 2 3 28 22 43 0 5 3 13 22 37 0 8 2 58 22 31 0 10 2 42 22 23 0 13	22 23 0 7 22 29 0 6 22 34 0 5 22 40 0 4 22 45 0 4	17 46 0 41 17 42 0 41 17 39 0 41 17 35 0 41	12 18 1 46 12 19 1 47 12 21 1 47 12 23 1 47	3 9 0 39 3 10 0 39 3 11 0 39 3 12 0 39 3 12 0 39 3 13 0 39 3 14 0 39	14 5 1 48 14 5 1 48 14 5 1 48 14 5 1 48 14 5 1 48	23 15 12 39 23 15 12 39 23 16 12 39	15 24 15 1 15 25 15 1 15 26 15 1 15 26 15 1 15 26 15 1	3 14 42 4 14 44 5 14 46 6 14 47 7 14 49	12 16 6 7 12 14 6 7 12 12 6 7 12 10 6 7 12 8 6 7
S 24 M25 T 26 W27 T 28 F 29 S 30 S 31	16 4	5 39 3 0 1 4 3 57 3 s37 4 40 8 10 5 8 12 18 5 17 15 45 5 7	19 43 1 19 52 1 19 59 1 20 4 1 20 8 0 20 9 0	1 53 21 57 0 20 1 36 21 47 0 23 1 20 21 37 0 25 1 4 21 26 0 28 0 48 21 14 0 30 0 33 21 1 0 32	22 58 0 1 23 2 0 0 23 6 0n 1 23 10 0 1 23 14 0 2 23 17 0 3	17 24 0 42 17 20 0 42 17 16 0 42 17 12 0 42 17 9 0 42 17 5 0 42	12 30 1 48 12 32 1 48 12 34 1 48 12 35 1 48	3 15 0 39 3 16 0 39 3 17 0 39 3 18 0 39 3 19 0 39 3 20 0 39 3 21 0 38 3 s22 0n38	14 5 1 48 14 5 1 48 14 6 1 48 14 6 1 49 14 6 1 49	23 19 12 40 23 19 12 40 23 20 12 41 23 21 12 41	15 26 15 2 15 25 15 2	0 14 54 1 14 55 2 14 57 3 14 58 4 15 0 5 15 2	12 2 6 6 12 1 6 6 11 59 6 6 11 57 6 6 11 55 6 6 11 53 6 6

Julian Day Number = 2288107.5, Delta T = 174.46 sec

Ecliptic obliquity = $23^{\circ}29'43$, Nutation = - $0^{\circ}00'11$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°29'45, Lahiri = 17°36'45 Julian Calendar 1 July 1552 == Greg. Calendar 11 July 1552

AUGUST 1552 JC 00:00 UT

Audi	JJ: 1J:	<i>,</i>													00.0	0.
Day	Sid.t	0	D	ğ	·	ď	4	ħ)ţ(卉	Р	n	v	Ç	Ŗ	Day
M 1	21 17 7	17 Ω 57'34	1 云 28	0Ω12	1 Q 1	23 I 1	15 Ω 18	1°R27	10 ♀ 1	138 9	29°R51	18°D10	18 N 4	29 8 8	10 Ω 20	M 1
T 2	21 21 4	18°55'16	15°43	1°39	2°14	23°40	15°31	1) 22	10° 4	13° 9	29≈50	18 Ω 10	18° 1	29°14	10°28	T 2
W 3	21 25 1	19°52'59	29°50	3°11	3°28	24°19	15°44	1°18	10° 7	13° 9	29°49	18°10	17°58	29°21	10°36	W 3
T 4	21 28 57	20°50'43	13 ≈ 44	4°47	4°42	24°58	15°58	1°13	10° 9	13° 9	29°48	18°R10	17°55	29°28	10°43	T 4
F 5	21 32 54	21°48'29	27°23	6°27	5°55	25°36	16°11	1° 9	10°12	13° 9	29°46	18°10	17°52	29°35	10°51	F 5
S 6	21 36 50	22°46'17	10) 45	8°11	7° 9	26°15	16°24	1° 5	10°15	13° 9	29°45	18°10	17°48	29°41	10°59	S 6
S 7	21 40 47	23°44'05	23°48	9°58	8°23	26°54	16°37	1° 0	10°18	13°R 9	29°44	18° 9	17°45	29°48	11° 6	S 7
M 8	21 44 43	24°41'56	6 Υ 32	11°48	9°37	27°32	16°50	0°56	10°21	13° 9	29°43	18° 8	17°42	29°55	11°14	M 8
T 9	21 48 40	25°39'48	19° 0	13°40	10°51	28°10	17° 3	0°51	10°24	13° 9	29°41	18° 7	17°39	0 I I 2	11°22	T 9
W10	21 52 36	26°37'42	1813	15°35	12° 4	28°49	17°16	0°46	10°27	13° 9	29°40	18° 7	17°36	0° 8	11°29	W10
T 11	21 56 33	27°35'37	13°15	17°30	13°18	29°27	17°29	0°42	10°30	13° 9	29°39	18° 6	17°33	0°15	11°37	T 11
F 12	22 0 29	28°33'35	25°10	19°27	14°32	095 5	17°42	0°37	10°33	13° 9	29°37	18°D 5	17°29	0°22	11°45	F 12
S 13	22 4 26	29°31'34	7 Ⅱ 3	21°24	15°46	0°43	17°55	0°33	10°36	13° 9	29°36	18° 6	17°26	0°28	11°52	S 13
S 14	22 8 23	0 m 29'36	18°58	23°22	17° 0	1°21	18° 8	0°28	10°39	13° 8	29°35	18° 6	17°23	0°35	12° 0	S 14
M15	22 12 19	1°27'39	199 1	25°20	18°15	1°59	18°21	0°24	10°42	13° 8	29°34	18° 7	17°20	0°42	12° 7	M15
T 16	22 16 16	2°25'44	13°14	27°18	19°29	2°36	18°34	0°19	10°45	13° 8	29°32	18° 8	17°17	0°49	12°15	T 16
W17	22 20 12	3°23'51	25°42	29°16	20°43	3°14	18°47	0°15	10°48	13° 8	29°31	18°10	17°14	0°55	12°22	W17
T 18	22 24 9	4°22'00	8 Ω 28	1 m 13	21°57	3°51	19° 0	0°10	10°51	13° 7	29°30	18°10	17°10	1° 2	12°30	T 18
F 19	22 28 5	5°20'11	21°32	3°10	23°11	4°29	19°13	0° 5	10°55	13° 7	29°28	18°R11	17° 7	1° 9	12°37	F 19
S 20	22 32 2	6°18'23	4 M 56	5° 5	24°26	5° 6	19°26	0° 1	10°58	13° 6	29°27	18°10	17° 4	1°15	12°45	S 20
S 21	22 35 58	7°16'38	18°38	7° 0	25°40	5°43	19°38	29≈56	11° 1	13° 6	29°26	18° 8	17° 1	1°22	12°52	S 21
M22	22 39 55	8°14'54	2 ≏ 35	8°55	26°54	6°20	19°51	29°52	11° 4	13° 5	29°25	18° 6	16°58	1°29	13° 0	M22
T 23	22 43 52	9°13'11	16°44	10°48	28° 8	6°57	20° 4	29°47	11°8	13° 5	29°23	18° 3	16°54	1°36	13° 7	T 23
W24	22 47 48	10°11'30	1 M 0	12°40	29°23	7°34	20°17	29°43	11°11	13° 4	29°22	18° 0	16°51	1°42	13°14	W24
T 25	22 51 45	11° 9'51	15°19	14°31	0 m 37	8°11	20°30	29°38	11°15	13° 4	29°21	17°58	16°48	1°49	13°22	T 25
F 26	22 55 41	12° 8'14	29°37	16°21	1°52	8°47	20°42	29°34	11°18	13° 3	29°20	17°56	16°45	1°56	13°29	F 26
S 27	22 59 38	13° 6'38	13 × 751	18° 9	3° 6	9°24	20°55	29°30	11°21	13° 3	29°18	17°D56	16°42	2° 2	13°36	S 27
S 28	23 3 34	14° 5'03	2 <u>7</u> °58	19°57	4°21	10° 0	21° 7	29°25	11°25	13° 2	29°17	17°56	16°39	2° 9	13°43	S 28
M29	23 7 31	15° 3'31	11 궁 57	21°44	5°35	10°37	21°20	29°21	11°28	13° 1	29°16	17°58	16°35	2°16	13°50	M29
T 30	23 11 27	16° 1'59	25°47	23°29	6°50	11°13	21°32	29°17	11°32	13° 0	29°15	17°59	16°32	2°23	13°57	T 30
W31	23 15 24	17 m) 0'30	9≈27	25 m) 14	8Mp 4	119549	21 \O 45	29≈12	11 ≏ 35	138 0	29≈14	18Ω 0	$16\Omega^{29}$	2∏29	14Ω 5	W31

Day	0	J		ğ	5	ç	2	ď	1	2	ł	ħ	ì.) _į	ξ(j	ŧ	Е)	n	v	Ç	ķ	j
	decl	decl la	ıt	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n29	19s38	3n51	20n 5	0s 4	20n35	0n37	23n24	0n 5	16n57	0n42	12 s40	1 s48	3 s23	0n38	14n 6	1 s49	23 s22	12 s41	15n25	15n27	15n 5	11n48	6s 6
T 2	15 11	19 45	2 50	19 59	0n 9	20 21	0 39	23 26	0 6	16 53	0 42	12 42	1 49	3 24	0 38	14 6	1 49	23 23	12 41	15 25	15 28	15 6	11 46	6 6
W 3	14 53	18 36	1 40	19 51	0 22	20 6	0 41	23 29	0 7	16 50	0 42	12 44	1 49	3 26	0 38	14 6	1 49	23 23	12 41	15 25	15 29	15 8	11 44	6 6
T 4	14 35	16 21	0 25	19 39	0 34	19 50	0 43	23 32	0 8	16 46	0 42	12 45	1 49	3 27	0 38	14 6	1 49	23 24	12 41	15 25	15 30	15 9	11 42	6 6
F 5	14 16	13 12	0s51	19 25	0 45	19 34	0 46	23 34	0 9	16 42	0 42	12 47	1 49	3 28	0 38	14 6	1 49	23 24	12 41	15 25	15 31	15 11	11 40	6 6
S 6	13 57	9 26	2 2	19 9	0 55	19 18	0 48	23 36	0 9	16 38	0 42	12 49	1 49	3 29	0 38	14 5	1 49	23 25	12 41	15 25	15 32	15 13	11 38	6 7
S 7	13 38	5 18	3 5	18 49	1 4	19 1	0 50	23 38	0 10	16 34	0 43	12 51	1 49	3 30	0 38	14 5	1 49	23 26	12 42	15 26	15 33	15 14	11 36	6 7
M 8	13 19	1 2	3 57	18 27	1 12	18 43	0 52	23 40	0 11	16 30	0 43	12 52	1 49	3 31	0 38	14 5	1 49	23 26	12 42	15 26	15 34	15 16	11 34	6 7
T 9	13 0	3n11	4 37	18 2	1 20	18 25	0 54	23 41	0 12	16 26	0 43	12 54	1 49	3 32	0 38	14 5	1 49	23 27	12 42	15 26	15 35	15 17	11 32	6 7
W10	12 40	7 11 :	5 3	17 35	1 26	18 6	0 55	23 43	0 13	16 23	0 43	12 56	1 49	3 34	0 38	14 5	1 49	23 27	12 42	15 26	15 36	15 19	11 30	6 7
T 11	12 20	10 50	5 15	17 5	1 32	17 47	0 57	23 44	0 14	16 19	0 43	12 57	1 49	3 35	0 38	14 5	1 49	23 28	12 42	15 27	15 37	15 20	11 27	6 7
F 12	12 0	14 1 :	5 14	16 33	1 36	17 27		23 45	0 15	16 15	0 43		1 49	3 36	0 38	14 5	1 49			15 27		15 22		6 7
S 13	11 40	16 37	4 59	15 59	1 40	17 7	1 1	23 46	0 16	16 11	0 43	13 1	1 50	3 37	0 38	14 5	1 49	23 29	12 42	15 27	15 39	15 24	11 23	6 7
S 14			-	15 23	1 43	16 46	1 2	23 46	0 17		0 43	-	1 50	3 38	0 38	14 5		23 29			15 40			6 7
M15			3 52	14 45	1 45	16 25	1 4		0 18		0 43	-	1 50	3 40	0 38	-	1 50	23 30		15 26	-	15 27	-	6 7
T 16			-	14 6	1 46		1 6			15 59	0 43		1 50	3 41	0 38		1 50			15 26		15 28		6 8
W17	10 17			13 25	1 47			23 47	0 20		0 43		1 50	3 42	0 38		1 50				15 43			6 8
T 18				12 44	1 47		1 9		0 21		0 44	13 9	1 50	3 43	0 38		1 50				15 44			6 8
F 19			0n19		1 46			23 47		15 47	0 44	-	1 50	3 45	0 38		1 50						11 10	6 8
S 20	9 13	11 8	1 31	11 17	1 45	14 32	1 11	23 46	0 23	15 43	0 44	13 12	1 50	3 46	0 38	14 4	1 50	23 32	12 42	15 25	15 45	15 34	11 8	6 8
S 21	8 52	6 58	2 40	10 33	1 43	14 8	1 13	23 46	0 24	15 39	0 44	13 14	1 50	3 47	0 38	14 4	1 50	23 33	12 42	15 26	15 46	15 36	11 6	6 8
M22	8 30	2 21	3 41	9 48	1 40	13 44	1 14	23 45	0 25	15 35	0 44	13 16	1 50	3 49	0 38	14 3	1 50	23 33	12 42	15 26	15 47	15 38	11 4	6 9
T 23	8 8	2 s27	4 29	9 2	1 37	13 19	1 15	23 44	0 26	15 31	0 44	13 17	1 50	3 50	0 38	14 3	1 50	23 33	12 42	15 27	15 48	15 39	11 1	6 9
W24	7 46	7 9	5 0	8 16	1 34	12 54		23 43	0 27	15 28	0 44	13 19	1 50	3 51	0 38	14 3	1 50	23 34			15 49			6 9
T 25	7 24	-	5 14	7 29	1 30			23 42		15 24	0 44	-	1 50	3 53	0 38	-	1 50				15 50			6 9
F 26	7 1		5 8	6 43	1 25			23 41		15 20	0 44	-	1 50	3 54	0 38	-	1 50			15 29		15 44		6 9
S 27	6 39	17 50	4 43	5 56	1 21	11 37	1 19	23 39	0 30	15 16	0 45	13 24	1 50	3 55	0 38	14 2	1 50	23 35	12 42	15 30	15 52	15 45	10 52	6 10
S 28	6 17	19 28	4 1	5 9	1 16	11 11	1 20	23 38	0 31	15 12	0 45	13 25	1 50	3 57	0 38	14 2	1 50	23 36	12 42	15 29	15 53	15 47	10 50	6 10
M29	5 54	19 53	3 5	4 22	1 11	10 44	1 21	23 36	0 32	15 8	0 45	13 27	1 50	3 58	0 38	14 2	1 50	23 36	12 42	15 29	15 54	15 48	10 48	6 10
T 30	5 31	19 5	1 59	3 35	1 5	10 17	1 22	23 34	0 33	15 4	0 45	13 28	1 50	4 0	0 38	14 2	1 50	23 36	12 42	15 29	15 55	15 50	10 46	6 10
W31	5n 9	17s11	0n47	2n48	0n59	9n50	1n22	23n32	0n34	15n 0	0n45	13 s30	1 s50	4 s 1	0n38	14n 1	1 s50	23 s37	12 s42	15n28	15n56	15n51	10n44	6s11

Julian Day Number = 2288138.5, Delta T = 174.27 sec

Ecliptic obliquity = $23^{\circ}29'44$, Nutation = - $0^{\circ}00'10$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°29'49, Lahiri = 17°36'50 Julian Calendar 1 Aug. 1552 == Greg. Calendar 11 Aug. 1552

SEPTEMBER 1552 JC 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ)∤(¥	Р	ß	Ω	Ç	ę,	Day
T 1	23 19 21	17 m 59'02	22≈55	26 Mp 57	9 m)19	12925	21 Ω 57	29°R 8	11 ≏ 39	12°R59	29°R12	18°R 0	16 Ω 26	2Д36	14Ω12	T 1
F 2	23 23 17	18°57'36	6 ₩ 11	28°39	10°33	13° 0	22°10	29≈ 4	11°42	12858	29≈11	17 Ω 59	16°23	2°43	14°19	F 2
S 3	23 27 14	19°56'12	19°14	0 <u>ჲ</u> 21	11°48	13°36	22°22	29° 0	11°46	12°57	29°10	17°56	16°19	2°49	14°25	S 3
S 4	23 31 10	20°54'49	2 Y 3	2° 1	13° 3	14°12	22°34	28°56	11°49	12°56	29° 9	17°52	16°16	2°56	14°32	S 4
M 5	23 35 7	21°53'29	14°38	3°40	14°17	14°47	22°47	28°52	11°53	12°55	29° 8	17°46	16°13	3° 3	14°39	M 5
T 6	23 39 3	22°52'11	27° 1	5°19	15°32	15°22	22°59	28°48	11°57	12°55	29° 6	17°40	16°10	3°10	14°46	T 6
W 7	23 43 0	23°50'55	9 8 11	6°56	16°47	15°58	23°11	28°44	12° 0	12°54	29° 5	17°34	16° 7	3°16	14°53	W 7
T 8	23 46 56	24°49'41	21°12	8°32	18° 1	16°33	23°23	28°40	12° 4	12°53	29° 4	17°29	16° 4	3°23	14°59	T 8
F 9	23 50 53	25°48'30	3 I 6	10° 8	19°16	17° 8	23°35	28°36	12° 8	12°52	29° 3	17°25	16° 0	3°30	15° 6	F 9
S 10	23 54 49	26°47'20	14°57	11°42	20°31	17°42	23°47	28°33	12°11	12°51	29° 2	17°22	15°57	3°37	15°13	S 10
S 11	23 58 46	27°46'13	26°51	13°16	21°46	18°17	23°59	28°29	12°15	12°49	29° 1	17°D21	15°54	3°43	15°19	S 11
M12	0 2 43	28°45'09	8951	14°49	23° 1	18°52	24°11	28°25	12°19	12°48	29° 0	17°22	15°51	3°50	15°26	M12
T 13	0 639	29°44'06	21° 4	16°20	24°15	19°26	24°23	28°22	12°22	12°47	28°59	17°23	15°48	3°57	15°32	T 13
W14	0 10 36	0 ჲ 43'06	3 Ω 33	17°51	25°30	20° 0	24°35	28°18	12°26	12°46	28°58	17°24	15°45	4° 3	15°39	W14
T 15	0 14 32	1°42'09	16°22	19°21	26°45	20°34	24°46	28°15	12°30	12°45	28°57	17°R25	15°41	4°10	15°45	T 15
F 16	0 18 29	2°41'13	29°36	20°51	28° 0	21° 8	24°58	28°11	12°34	12°44	28°56	17°24	15°38	4°17	15°51	F 16
S 17	0 22 25	3°40'20	13 m) 14	22°19	29°15	21°42	25°10	28° 8	12°37	12°43	28°55	17°22	15°35	4°24	15°58	S 17
S 18	0 26 22	4°39'28	27°17	23°46	0 ჲ 30	22°16	25°21	28° 5	12°41	12°41	28°54	17°17	15°32	4°30	16° 4	S 18
M19	0 30 18	5°38'39	11 ≏ 40	25°13	1°45	22°49	25°33	28° 2	12°45	12°40	28°53	17°10	15°29	4°37	16°10	M19
T 20	0 34 15	6°37'52	26°17	26°38	3° 0	23°23	25°44	27°59	12°49	12°39	28°52	17° 3	15°25	4°44	16°16	T 20
W21	0 38 12	7°37'07	11 M 1	28° 3	4°15	23°56	25°55	27°56	12°52	12°37	28°51	16°55	15°22	4°50	16°22	W21
T 22	0 42 8	8°36'24	25°44	29°27	5°30	24°29	26° 7	27°53	12°56	12°36	28°50	16°48	15°19	4°57	16°28	T 22
F 23	0 46 5	9°35'42	10 ₹ 20	0 M .49	6°45	25° 2	26°18	27°50	13° 0	12°35	28°49	16°42	15°16	5° 4	16°34	F 23
S 24	0 50 1	10°35'03	24°43	2°11	8° 0	25°34	26°29	27°47	13° 4	12°33	28°48	16°39	15°13	5°11	16°40	S 24
S 25	0 53 58	11°34'25	8 궁 50	3°31	9°15	26° 7	26°40	27°45	13° 7	12°32	28°47	16°D38	15°10	5°17	16°45	S 25
M26	0 57 54	12°33'49	22°40	4°51	10°30	26°39	26°51	27°42	13°11	12°31	28°46	16°38	15° 6	5°24	16°51	M26
T 27	1 1 51	13°33'15	6≈14	6° 9	11°45	27°11	27° 2	27°39	13°15	12°29	28°45	16°39	15° 3	5°31	16°57	T 27
W28	1 5 47	14°32'42	19°33	7°26	13° 0	27°43	27°12	27°37	13°19	12°28	28°45	16°R39	15° 0	5°37	17° 2	W28
T 29	1 9 44	15°32'11	2) (39	8°41	14°15	28°15	27°23	27°35	13°23	12°26	28°44	16°38	14°57	5°44	17° 8	T 29
F 30	1 13 41	16 ₽ 31'42	15) 33	9 M 55	15 ≏ 31	289547	27 Ω 34	27≈33	13 ≏ 26	12825	28 ≈ 43	16 Ω 34	14 Ω 54	5 ∏ 51	17 Ω 13	F 30

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T 1	4n46	14 s20	0 s27	2n 2	0n53	9n23	1n23	23n29	0n35	14n56	0n45	13 s31	1 s50	4s 2	0n38	14n 1	1 s50	23 s37	12 s42	15n28	15n57	15n53	10n41	6 s 1 1
F 2	4 23	10 47	1 38	1 15	0 47	8 55	1 24	23 27	0 36	14 52	0 45	13 33	1 50	4 4	0 38	14 1	1 51	23 38	12 42	15 29	15 58	15 54	10 39	6 11
S 3	4 0	6 46	2 42	0 29	0 41	8 27	1 24	23 25	0 37	14 48	0 45	13 34	1 50	4 5	0 38	14 0	1 51	23 38	12 42	15 29	15 59	15 56	10 37	6 11
S 4	3 37	2 30	3 37	0s17	0 34	7 59	1 25	23 22	0 38	14 44	0 46	13 36	1 50	4 7	0 38	14 0	1 51	23 38	12 42	15 31	16 0	15 57	10 35	6 12
M 5	3 13	1n47	4 21	1 3	0 27	7 30	1 25	23 19	0 39	14 40	0 46	13 37	1 50	4 8	0 38	14 0	1 51	23 39	12 41	15 33	16 1	15 59	10 32	6 12
T 6	2 50	5 55	4 51	1 48	0 21	7 1	1 25	23 16	0 40	14 37	0 46	13 38	1 50	4 9	0 38	13 59	1 51	23 39	12 41	15 34	16 2	16 0	10 30	6 12
W 7	2 27	9 44	5 7	2 33	0 14	6 33	1 25	23 13	0 41	14 33	0 46	13 40	1 50	4 11	0 38	13 59	1 51	23 39	12 41	15 36	16 3	16 2	10 28	6 13
T 8	2 4	13 7	5 10	3 18	0 7	6 3	1 26	23 10	0 42	14 29	0 46	13 41	1 50	4 12	0 38	13 59	1 51	23 40	12 41	15 38	16 4	16 3	10 26	6 13
F 9	1 40	15 56	4 59	4 2	0 s 1	5 34	1 26	23 7	0 43	14 25	0 46	13 42	1 50	4 14	0 38	13 58	1 51	23 40	12 41	15 39	16 5	16 5	10 23	6 13
S 10	1 17	18 5	4 35	4 45	0 8	5 5	1 26	23 3	0 44	14 21	0 46	13 44	1 50	4 15	0 38	13 58	1 51	23 40	12 41	15 40	16 6	16 6	10 21	6 14
S 11	0 53	19 28	4 0	5 29	0 15	4 35	1 26	23 0	0 46	14 17	0 46	13 45	1 50	4 17	0 38	13 58	1 51	23 41	12 41	15 40	16 6	16 8	10 19	6 14
M12	0 30	19 59	3 14	6 12	0 22	4 5	1 26	22 56	0 47	14 13	0 47	13 46	1 50	4 18	0 37	13 57	1 51	23 41	12 41	15 40	16 7	16 9	10 17	6 14
T 13	0 6	19 34	2 18	6 54	0 30	3 36	1 25	22 52	0 48	14 10	0 47	13 47	1 50	4 20	0 37	13 57	1 51	23 41	12 41	15 40	16 8	16 11	10 15	6 15
W14	0 s17	18 12	1 14	7 35	0 37	3 6	1 25	22 48	0 49	14 6	0 47	13 49	1 50	4 21	0 37	13 57	1 51	23 41	12 40	15 39	16 9	16 12	10 12	6 15
T 15	0 41	15 53	0 6	8 17	0 44	2 35	1 25	22 44	0 50	14 2	0 47	13 50	1 50	4 22	0 37	13 56	1 51	23 42	12 40	15 39	16 10	16 14	10 10	6 15
F 16	1 4	12 40	1n 5	8 57	0 52	2 5	1 24	22 40	0 51	13 58	0 47	13 51	1 50	4 24	0 37	13 56	1 51	23 42	12 40	15 39	16 11	16 15	10 8	6 16
S 17	1 28	8 40	2 15	9 37	0 59	1 35	1 24	22 36	0 52	13 54	0 47	13 52	1 50	4 25	0 37	13 55	1 51	23 42	12 40	15 40	16 12	16 17	10 6	6 16
S 18	1 51	4 7	3 18	10 16	1 6	1 5	1 24	22 32	0 54	13 51	0 47	13 53	1 50	4 27	0 37	13 55	1 51	23 42	12 40	15 42	16 13	16 18	10 4	6 17
M19	2 15	0 s 47	4 10	10 55	1 13	0 34	1 23	22 28	0 55	13 47	0 48	13 54	1 50	4 28	0 37	13 55	1 51	23 43	12 40	15 44	16 14	16 20	10 2	6 17
T 20	2 38	5 43	4 47	11 33	1 20	0 4	1 22	22 23	0 56	13 43	0 48	13 55	1 50	4 30	0 37	13 54	1 51	23 43	12 40	15 46	16 15	16 21	9 59	6 17
W21	3 2	10 20	5 5	12 10	1 27	0 s27	1 22	22 18	0 57	13 40	0 48	13 56	1 50	4 31	0 37	13 54	1 51	23 43	12 39	15 48	16 16	16 23	9 57	6 18
T 22	3 25	14 20	5 3	12 46	1 34	0 57	1 21	22 14	0 58	13 36	0 48	13 57	1 49	4 33	0 37	13 53	1 51	23 43	12 39	15 50	16 17	16 24	9 55	6 18
F 23	3 49	17 25	4 41	13 22	1 41	1 28	1 20	22 9	0 59	13 32	0 48	13 58	1 49	4 34	0 37	13 53	1 51	23 43	12 39	15 52	16 18	16 26	9 53	6 19
S 24	4 12	19 22	4 2	13 57	1 48	1 58	1 19	22 4	1 1	13 29	0 48	13 59	1 49	4 36	0 37	13 52	1 51	23 44	12 39	15 53	16 19	16 27	9 51	6 19
S 25	4 35	20 4	3 8	14 31	1 54	2 28		21 59		13 25	0 49	-	1 49	4 37	0 37	13 52		23 44			16 20	16 29	9 49	6 20
M26	4 59	19 32	2 5	15 4	2 1	2 59	1 17	21 54	1 3	13 21	0 49	14 0	1 49	4 39	0 37	13 51	1 52	23 44	12 39	15 53	16 21	16 30	9 47	6 20
T 27	5 22	17 52	0 56	15 36	2 7	3 29	1 16	21 49	1 4	13 18	0 49	14 1	1 49	4 40	0 37	13 51	-		12 38	15 53	16 22	16 31	9 45	6 20
W28	5 45	15 14	0s16	16 7	2 13	4 0	1 15	21 44	1 6	13 14	0 49	14 2	1 49	4 42	0 37	13 51	1 52	23 44	12 38	15 53	16 22	16 33	9 43	6 21
T 29	6 8	11 52		16 37	2 19	4 30	1 14	21 39	1 7	13 11	0 49	14 3	1 49	4 43	0 37	13 50		-			16 23		9 40	6 21
F 30	6 s 3 1	7 s59	2 s28	17s 6	2 s24	5s 0	1n13	21n34	1n 8	13n 7	0n49	14s 3	1 s49	4 s45	0n37	13n50	1 s52	23 s44	12 s38	15n54	16n24	16n36	9n38	6 s22

Julian Day Number = 2288169.5, Delta T = 174.09 sec

Ecliptic obliquity = 23°29'45, Nutation = -0°00'11, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 18°29'53, Lahiri = 17°36'54 Julian Calendar 1 Sept. 1552 == Greg. Calendar 11 Sept. 1552

OCTOBER 1552 JC 00:00 UT

Day	Sid.t	0	D	ğ	ρ	ð	4	ħ)∤(并	В	n	v	Ç	ķ	Day
S 1	1 17 37	17 ≏ 31'15	28 米 15	11 M 8	16 ₽ 46	299518	27 Ω 44	27°R30	13 ₾ 30	12°R23	28°R42	16°R28	14 Q 50	5 Ⅱ 58	17 Ω 18	S 1
S 2	1 21 34	18°30'50	10 Y 48	12°18	18° 1	29°50	27°55	27≈28	13°34	12822	28≈41	16 Ω 19	14°47	6° 4	17°24	S 2
M 3	1 25 30	19°30'27	23°10	13°27	19°16	$0\Omega 21$	28° 5	27°26	13°38	12°20	28°41	16° 8	14°44	6°11	17°29	M 3
T 4	1 29 27	20°30'06	5 8 23	14°34	20°31	0°52	28°15	27°25	13°41	12°19	28°40	15°56	14°41	6°18	17°34	T 4
W 5	1 33 23	21°29'47	17°28	15°39	21°46	1°22	28°25	27°23	13°45	12°17	28°39	15°44	14°38	6°24	17°39	W 5
T 6	1 37 20	22°29'30	29°25	16°41	23° 1	1°53	28°35	27°21	13°49	12°16	28°39	15°32	14°35	6°31	17°44	T 6
F 7	1 41 16	23°29'15	11 I I7	17°41	24°17	2°23	28°45	27°20	13°53	12°14	28°38	15°23	14°31	6°38	17°49	F 7
S 8	1 45 13	24°29'03	23° 7	18°37	25°32	2°53	28°55	27°18	13°56	12°13	28°37	15°15	14°28	6°44	17°53	S 8
S 9	1 49 10	25°28'53	4958	19°31	26°47	3°23	29° 5	27°17	14° 0	12°11	28°37	15°11	14°25	6°51	17°58	S 9
M10	1 53 6	26°28'45	16°55	20°20	28° 2	3°53	29°15	27°16	14° 4	12° 9	28°36	15° 9	14°22	6°58	18° 3	M10
T 11	1 57 3	27°28'39	29° 4	21° 6	29°17	4°23	29°24	27°14	14° 8	12° 8	28°36	15°D 9	14°19	7° 5	18° 7	T 11
W12	2 0 59	28°28'35	11 Ω 29	21°47	0 M .33	4°52	29°34	27°13	14°11	12° 6	28°35	15°R 9	14°16	7°11	18°12	W12
T 13	2 4 56	29°28'34	24°15	22°23	1°48	5°21	29°43	27°12	14°15	12° 4	28°35	15° 9	14°12	7°18	18°16	T 13
F 14	2 8 52	0ML28'34	7 m) 28	22°54	3° 3	5°50	29°52	27°12	14°19	12° 3	28°34	15° 7	14° 9	7°25	18°20	F 14
S 15	2 12 49	1°28'37	21° 9	23°19	4°18	6°18	0 Mp 2	27°11	14°22	12° 1	28°34	15° 2	14° 6	7°31	18°24	S 15
S 16	2 16 45	2°28'42	5 ₽ 20	23°37	5°34	6°47	0°11	27°10	14°26	11°59	28°33	14°55	14° 3	7°38	18°28	S 16
M17	2 20 42	3°28'49	19°56	23°47	6°49	7°15	0°19	27°10	14°30	11°58	28°33	14°46	14° 0	7°45	18°32	M17
T 18	2 24 38	4°28'58	4 M .53	23°R50	8° 4	7°42	0°28	27° 9	14°33	11°56	28°32	14°35	13°56	7°52	18°36	T 18
W19	2 28 35	5°29'09	20° 1	23°44	9°19	8°10	0°37	27° 9	14°37	11°54	28°32	14°23	13°53	7°58	18°40	W19
T 20	2 32 32	6°29'21	5 √ 9	23°29	10°35	8°37	0°45	27° 9	14°40	11°53	28°32	14°13	13°50	8° 5	18°44	T 20
F 21	2 36 28	7°29'36	20° 7	23° 4	11°50	9° 4	0°54	27° 8	14°44	11°51	28°31	14° 4	13°47	8°12	18°47	F 21
S 22	2 40 25	8°29'52	4 ⋜ 47	22°29	13° 5	9°31	1° 2	27°D 8	14°47	11°49	28°31	13°58	13°44	8°18	18°51	S 22
S 23	2 44 21	9°30'09	19° 6	21°45	14°21	9°58	1°10	27° 8	14°51	11°48	28°31	13°55	13°41	8°25	18°54	S 23
M24	2 48 18	10°30'28	3≈ 0	20°51	15°36	10°24	1°18	27° 9	14°55	11°46	28°31	13°54	13°37	8°32	18°58	M24
T 25	2 52 14	11°30'48	16°31	19°48	16°51	10°50	1°26	27° 9	14°58	11°44	28°30	13°54	13°34	8°39	19° 1	T 25
W26	2 56 11	12°31'09	29°41	18°38	18° 6	11°15	1°34	27° 9	15° 1	11°43	28°30	13°54	13°31	8°45	19° 4	W26
T 27	3 0 7	13°31'32	12) (34	17°22	19°22	11°41	1°42	27°10	15° 5	11°41	28°30	13°52	13°28	8°52	19° 7	T 27
F 28	3 4 4	14°31'57	25°12	16° 3	20°37	12° 6	1°49	27°10	15° 8	11°39	28°30	13°47	13°25	8°59	19°10	F 28
S 29	3 8 1	15°32'22	7 Ƴ 39	14°42	21°52	12°30	1°57	27°11	15°12	11°38	28°30	13°39	13°22	9° 5	19°13	S 29
S 30	3 11 57	16°32'50	19°56	13°23	23° 8	12°55	2° 4	27°12	15°15	11°36	28°30	13°28	13°18	9°12	19°15	S 30
M31	3 15 54	17 M 33'18	2 8 6	12 M 8	24M23	13 Ω 19	2 Mp 11	27≈13	15 ≏ 18	11834	28≈30	13 Q 15	13 Ω 15	9 Ⅱ 19	19 Ω 18	M31

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S 2	7 16	0n30 4	7 18 1	2 35 6	0 1 10	21 23	1 11	13 0	0 50	14 5	1 49	4 47	0 37	13 49	1 52	23 45	12 37	15 59	16 26	16 39	9 34	6 23
M 3	7 39	4 43 4	39 18 27	2 39 6	0 1 9	21 18	1 12	12 57	0 50	14 5	1 49	4 49	0 37	13 48	1 52	23 45	12 37	16 2	16 27	16 40	9 32	6 23
T 4	8 2	8 41 4		2 44 6 3				12 53	0 50	-	1 49	4 50				23 45					9 30	6 24
W 5	-	12 15 5	2 19 14					12 50	0 50	-	1 48	4 52				23 45					9 28	6 24
T 6			54 19 36			21 1		12 47	0 50	- 1	1 48	4 53				23 45					9 26	6 25
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	9 31	19 20 3	59 20 14	2 57 8 :	1 1	20 50	1 19	12 40	0 51	14 8	1 48	4 56	0 3/	13 46	1 32	23 45	12 30	10 18	10 32	16 47	9 23	6 26
S 9	9 53		16 20 31		-	20 44		12 37	0 51	-	1 48	4 58	0 37	13 45	-	23 45					9 21	6 27
M10	10 14					20 39	1 21	12 34	0 51	14 8	1 48	4 59		13 45		23 45					9 19	6 27
T 11			24 20 58			20 33		12 31	0 51	14 9	1 48	5 1		13 44		23 45					9 17	6 28
W12	10 57		19 21 9			20 27		12 27	0 52		1 48	5 2		13 44		23 45					9 15	6 28
T 13	-		148 21 18			20 22		12 24	0 52		1 48	5 3		13 43		23 45					9 13	6 29
F 14	11 40		55 21 24			20 16		12 21	0 52		1 47	5 5		13 43		23 45					9 11	6 29
S 15	12 1	6 15 2	58 21 27	2 54 12	3 0 49	20 10	1 28	12 18	0 52	14 10	1 47	5 6	0 3/	13 42	1 52	23 45	12 33	16 22	16 38	16 5/	9 10	6 30
	12 22	-	52 21 28			-		12 15		14 10	1 47	5 8	0 37	13 42	-	23 45	-	-			9 8	6 30
M17	12 42		33 21 25			19 59	1 31	12 12	0 53	-	1 47	5 9		13 41	-	23 45	-				9 6	6 31
-	13 3		56 21 19			19 53	1 33		0 53	-	1 47	5 10		13 41	-	23 44	-		-		9 4	6 32
			59 21 10			19 47		12 6	0 53		1 47	5 12		13 40		23 44					9 3	6 32
	13 43		41 20 56			19 41		12 4			1 47	5 13		13 40		23 44					9 1	6 33
F 21		19 5 4	4 20 39			19 36		12 1	0 53		1 47	5 15		13 39		23 44					8 59	6 33
S 22	14 22	20 14 3	11 20 17	1 55 15	6 0 34	19 30	1 39	11 58	0 54	14 10	1 47	5 16	0 3/	13 38	1 52	23 44	12 33	16 40	16 45	17 7	8 58	6 34
S 23	14 41	-	7 19 51	1 40 15		19 24		11 55		14 10	1 46	-		13 38	-	23 44		-			8 56	6 35
M24	-	18 36 0		1 24 16		19 19		11 53	0 54	-	1 46	-		13 37		23 44					8 54	6 35
T 25	15 19		14 18 47	1 6 16 2	-			11 50	0 54	-	1 46	5 20		13 37	-	23 44	-	-			8 53	6 36
		12 54 1						11 47	0 54	-	1 46			13 36		23 43					8 51	6 37
T 27 F 28	15 56		25 17 29 19 16 47		-	19 2 18 56		11 45 11 42	0 55 0 55	-	1 46	-		13 36		23 43 23 43					8 50	6 37 6 38
S 29	16 14 16 32	4 57 3 0 41 4				18 51		11 42			1 46 1 46	5 24 5 25		13 35 13 35		23 43					8 48 8 47	6 38
S 30	16 49		35 15 20			18 46		11 38			1 46	-		13 34		23 43	-				8 45	
M31	17s 7	7n38 4s	s54 14s39	0n54 18 s	1 Un14	18n40	1n53	11n35	0n56	14s 7	1 s45	5 s28	0n38	13n34	1 s52	23 s42	12830	16n53	16n53	1/n20	8n44	6 s40

Julian Day Number = 2288199.5, Delta T = 173.92 sec

Ecliptic obliquity = $23^{\circ}29'45$, Nutation = - $0^{\circ}00'13$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°29'58, Lahiri = 17°36'58 Julian Calendar 1 Oct. 1552 == Greg. Calendar 11 Oct. 1552

NOVEMBER 1552 JC 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ)Å(¥	Р	n	v	Ç	ę,	Day
T 1	3 19 50	18 M _33'49	148 9	11°R 0	25 M 38	13 Ω 43	2 m) 18	27≈14	15 ≏ 22	11°R33	28°R29	13°R 1	13 Q 12	9П26	19 N 20	T 1
W 2	3 23 47	19°34'20	26° 7	10 M 0	26°53	14° 6	2°25	27°15	15°25	11831	28°D29	12 Ω 46	13° 9	9°32	19°23	W 2
T 3	3 27 43	20°34'54	8 I 1	9°10	28° 9	14°29	2°32	27°16	15°28	11°29	28≈29	12°32	13° 6	9°39	19°25	T 3
F 4	3 31 40	21°35'29	19°51	8°31	29°24	14°52	2°38	27°18	15°32	11°28	28°30	12°20	13° 2	9°46	19°27	F 4
S 5	3 35 36	22°36'05	19541	8° 4	0 ∡ 39	15°14	2°44	27°19	15°35	11°26	28°30	12°11	12°59	9°52	19°29	S 5
S 6	3 39 33	23°36'44	13°33	7°48	1°55	15°36	2°51	27°21	15°38	11°24	28°30	12° 5	12°56	9°59	19°31	S 6
M 7	3 43 30	24°37'24	25°30	7°D44	3°10	15°58	2°57	27°22	15°41	11°23	28°30	12° 2	12°53	10° 6	19°33	M 7
T 8	3 47 26	25°38'05	7 Ω 37	7°51	4°25	16°19	3° 3	27°24	15°44	11°21	28°30	12°D 1	12°50	10°13	19°35	T 8
W 9	3 51 23	26°38'48	19°58	8° 8	5°40	16°40	3° 9	27°26	15°47	11°19	28°30	12° 1	12°47	10°19	19°37	W 9
T 10	3 55 19	27°39'33	2 m 39	8°34	6°56	17° 1	3°14	27°28	15°51	11°18	28°30	12°R 1	12°43	10°26	19°38	T 10
F 11	3 59 16	28°40'19	15°44	9° 8	8°11	17°21	3°20	27°30	15°54	11°16	28°30	12° 0	12°40	10°33	19°40	F 11
S 12	4 3 12	29°41'07	29°18	9°50	9°26	17°40	3°25	27°32	15°57	11°14	28°31	11°56	12°37	10°39	19°41	S 12
S 13	4 7 9	0 ∡ 41'56	13 ≏ 22	10°39	10°42	18° 0	3°30	27°34	16° 0	11°13	28°31	11°50	12°34	10°46	19°42	S 13
M14	4 11 5	1°42'47	27°56	11°33	11°57	18°18	3°35	27°37	16° 2	11°11	28°31	11°42	12°31	10°53	19°43	M14
T 15	4 15 2	2°43'39	12 M 54	12°33	13°12	18°37	3°40	27°39	16° 5	11°10	28°32	11°32	12°27	10°59	19°44	T 15
W16	4 18 59	3°44'33	28° 9	13°37	14°28	18°55	3°44	27°42	16° 8	11° 8	28°32	11°21	12°24	11° 6	19°45	W16
T 17	4 22 55	4°45'27	13 × 30	14°45	15°43	19°12	3°49	27°44	16°11	11° 7	28°32	11°11	12°21	11°13	19°46	T 17
F 18	4 26 52	5°46'23	28°44	15°56	16°58	19°29	3°53	27°47	16°14	11° 5	28°33	11° 3	12°18	11°20	19°47	F 18
S 19	4 30 48	6°47'20	13 る 43	17°10	18°13	19°45	3°57	27°50	16°17	11° 4	28°33	10°58	12°15	11°26	19°47	S 19
S 20	4 34 45	7°48'18	28°17	18°26	19°29	20° 1	4° 1	27°53	16°19	11° 2	28°34	10°55	12°12	11°33	19°48	S 20
M21	4 38 41	8°49'16	12≈24	19°45	20°44	20°17	4° 5	27°56	16°22	11° 1	28°34	10°D54	12° 8	11°40	19°48	M21
T 22	4 42 38	9°50'15	26° 4	21° 5	21°59	20°32	4° 9	27°59	16°25	10°59	28°35	10°55	12° 5	11°46	19°48	T 22
W23	4 46 34	10°51'14	9) 18	22°27	23°15	20°46	4°12	28° 2	16°27	10°58	28°35	10°R55	12° 2	11°53	19°R48	W23
T 24	4 50 31	11°52'14	22° 9	23°51	24°30	21° 0	4°15	28° 5	16°30	10°56	28°36	10°55	11°59	12° 0	19°48	T 24
F 25	4 54 28	12°53'15	4 Υ 42	25°15	25°45	21°13	4°18	28° 9	16°32	10°55	28°36	10°52	11°56	12° 7	19°48	F 25
S 26	4 58 24	13°54'16	17° 1	26°41	27° 0	21°26	4°21	28°12	16°35	10°54	28°37	10°47	11°53	12°13	19°48	S 26
S 27	5 2 21	14°55'18	29° 9	28° 7	28°16	21°38	4°24	28°16	16°37	10°52	28°37	10°40	11°49	12°20	19°47	S 27
M28	5 6 17	15°56'20	118 9	29°34	29°31	21°50	4°26	28°20	16°40	10°51	28°38	10°30	11°46	12°27	19°47	M28
T 29	5 10 14	16°57'23	23° 5	1 ₹ 2	0 궁 46	22° 1	4°29	28°23	16°42	10°50	28°39	10°20	11°43	12°33	19°46	T 29
W30	5 14 10	17 ×7 58'27	4 ∏ 58	2 ~ 31	2ਰ 1	$22\Omega 11$	4 m 31	28≈27	16 ♀ 44	10848	28≈39	10Ω 9	$11\Omega 40$	12 ∏ 40	$19\Omega 46$	W30

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	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		11n21		14s 1		19s 2		18n35		11n33		14s 7				13n33		23 s42			16n54		8n43	6 s40
W 2		14 36		13 27	1 29			18 30		11 31	0 56			5 30		13 33		23 42				17 22	8 41	6 41
T 3		17 14	-	12 57	1 43			18 25		11 28	0 56			5 32		13 32		23 42			16 56		8 40	6 42
F 4	18 12			12 33	1 56		0 4			11 26	0 57	-		5 33		13 32		23 41				17 25	8 39	6 42
S 5	18 28	20 13	3 16	12 14	2 6	20 19	0 2	18 15	2 2	11 24	0 57	14 4	1 45	5 34	0 38	13 31	1 52	23 41	12 29	17 11	16 57	17 26	8 37	6 43
S 6	18 43	20 24	2 25	12 1	2 15	20 36	0 s 1	18 10	2 4	11 22	0 57	14 4	1 45	5 35	0 38	13 31	1 52	23 41	12 29	17 13	16 58	17 28	8 36	6 44
M 7	18 58	19 41	1 26	11 54	2 21	20 54	0 3	18 5	2 6	11 20	0 57	14 3	1 45	5 37	0 38	13 30	1 52	23 40	12 29	17 14	16 59	17 29	8 35	6 44
T 8	19 13	18 2	0 23	11 51	2 26	21 10	0 6	18 0	2 7	11 18	0 57	14 2	1 45	5 38	0 38	13 30		23 40			17 0	17 30	8 34	6 45
W 9		15 31	-	11 54	2 29	-		17 56		11 16						13 29		23 40				17 32	8 33	6 46
T 10	-	12 13		-		21 41		17 51		11 15		14 1				13 29		23 40				17 33	8 32	6 46
F 11	19 55	-	-	12 11		21 56		17 47		11 13		14 0		5 41		13 28		23 39				17 35	8 31	6 47
S 12	20 8	3 41	3 43	12 25	2 30	22 10	0 15	17 43	2 15	11 11	0 58	13 59	1 44	5 42	0 38	13 28	1 52	23 39	12 27	17 15	17 4	17 36	8 30	6 48
S 13	20 21	1s12	4 26	12 42	2 28	22 24	0 18	17 38	2 17	11 10	0 59	13 58	1 44	5 44	0 38	13 28	1 52	23 39	12 27	17 17	17 5	17 37	8 29	6 48
M14	20 33	6 11	4 54	13 2	2 25	22 37	0 20	17 34	2 19	11 8	0 59	13 57	1 44	5 45	0 38	13 27	1 52	23 38	12 27	17 19	17 5	17 39	8 28	6 49
T 15	20 45	10 57	5 2	13 23	2 22	22 49	0 23	17 31	2 21	11 6	0 59	13 56	1 44	5 46	0 38	13 27	1 52	23 38	12 26	17 22	17 6	17 40	8 27	6 49
W16	20 57	15 5		13 47	2 17			17 27		11 5				5 47	0 38	13 26		23 37				17 41	8 26	6 50
T 17	-	18 14		14 11		23 11		17 23	2 24				1 43	5 48		13 26		23 37				17 43	8 25	6 51
F 18	21 19			14 37		-		17 20	2 26			13 53		5 49		13 25		23 37					8 24	6 51
S 19	21 30	20 28	2 20	15 4	2 1	23 30	0 32	17 16	2 29	11 1	1 0	13 52	1 43	5 50	0 38	13 25	1 52	23 36	12 25	17 31	17 10	17 45	8 23	6 52
S 20	21 40	19 28	1 7	15 31	1 55	23 39	0 34	17 13	2 31	11 0	1 1	13 51	1 43	5 51	0 38	13 24	1 52	23 36	12 25	17 32	17 11	17 46	8 23	6 53
M21	21 49	17 15	0s 8	15 58	1 48	23 47	0 37	17 10	2 33	10 59	1 1	13 50	1 43	5 52	0 38	13 24	1 52	23 35	12 25	17 32	17 12	17 48	8 22	6 53
T 22	21 59	14 7	1 20	16 26	1 42	23 54	0 39	17 7	2 35	10 58	1 1	13 49	1 43	5 53	0 38	13 24	1 51	23 35	12 25	17 32	17 13	17 49	8 21	6 54
W23	22 7	10 21	2 26	16 54	1 35	24 1	0 41	17 5	2 37	10 57	1 1	13 47	1 43	5 54	0 38	13 23	1 51	23 35	12 24	17 32	17 13	17 50	8 20	6 55
T 24	22 16	6 13	-	17 22	1 28		0 43			10 56				5 55		13 23		23 34					8 20	6 55
F 25	22 24	1 54		17 49			0 46			10 55	1 2		1 43	5 56		13 22		23 34					8 19	6 56
S 26	22 31	2n24	4 40	18 17	1 13	24 16	0 48	16 58	2 43	10 54	1 2	13 44	1 42	5 57	0 38	13 22	1 51	23 33	12 24	17 34	17 16	17 54	8 19	6 57
S 27	22 38	6 32	4 59	18 43	1 6	24 19	0 50	16 56	2 45	10 53	1 2	13 42	1 42	5 58	0 38	13 22	1 51	23 33	12 23	17 36	17 17	17 56	8 18	6 57
M28	22 45	10 22	5 5	19 10	0 58	24 22	0 52	16 54	2 48	10 53	1 3	13 41	1 42	5 59	0 38	13 21	1 51	23 32	12 23	17 39	17 18	17 57	8 18	6 58
T 29	22 51	13 47	4 58	19 35	0 51	24 24	0 54	16 53	2 50	10 52	1 3	13 39	1 42	6 0	0 38	13 21	1 51	23 32	12 23	17 42	17 19	17 58	8 17	6 59
W30	22 s57	16n38	4 s 3 7	20s 0	0n43	24 s25	0s56	16n51	2n52	10n52	1n 3	13 s38	1 s42	6s 0	0n38	13n20	1 s51	23s31	$12\mathrm{s}23$	17n45	17n20	17n59	8n17	6 s 5 9

Julian Day Number = 2288230.5, Delta T = 173.73 sec

Ecliptic obliquity = 23°29'44, Nutation = -0°00'14, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 18°30'02, Lahiri = 17°37'02 Julian Calendar 1 Nov. 1552 == Greg. Calendar 11 Nov. 1552

DECEMBER 1552 JC 00:00 UT

Day	Sid.t	0	D	Å	Q	♂	4	ħ)∤(¥	Р	ß	Ω	Ç	ę,	Day
T 1	5 18 7	18 × 759'31	16 Ⅱ 49	4 ₹ 0	3 ට 17	22 Ω 21	4 m 33	28≈31	16 ≏ 46	10°R47	28≈40	9°R59	11 Ω 37	12 ∏ 47	19°R45	T 1
F 2	5 22 3	20° 0'36	28°41	5°29	4°32	22°30	4°34	28°35	16°49	10846	28°41	$9\Omega 50$	11°33	12°53	19 Ω 44	F 2
S 3	5 26 0	21° 1'41	10934	6°59	5°47	22°39	4°36	28°39	16°51	10°45	28°42	9°43	11°30	13° 0	19°43	S 3
S 4	5 29 57	22° 2'47	22°31	8°29	7° 2	22°47	4°37	28°43	16°53	10°44	28°43	9°39	11°27	13° 7	19°42	S 4
M 5	5 33 53	23° 3'54	4Ω34	10° 0	8°18	22°54	4°38	28°48	16°55	10°42	28°43	9°D38	11°24	13°14	19°41	M 5
T 6	5 37 50	24° 5'01	16°46	11°31	9°33	23° 1	4°39	28°52	16°57	10°41	28°44	9°38	11°21	13°20	19°39	T 6
W 7	5 41 46	25° 6'09	29°11	13° 2	10°48	23° 7	4°40	28°57	16°59	10°40	28°45	9°39	11°18	13°27	19°38	W 7
T 8	5 45 43	26° 7'18	11 m 52	14°33	12° 3	23°12	4°41	29° 1	17° 1	10°39	28°46	9°40	11°14	13°34	19°36	T 8
F 9	5 49 39	27° 8'27	24°53	16° 5	13°18	23°17	4°41	29° 6	17° 3	10°38	28°47	9°R41	11°11	13°40	19°35	F 9
S 10	5 53 36	28° 9'36	8 ₾ 18	17°37	14°34	23°20	4°41	29°10	17° 5	10°37	28°48	9°41	11° 8	13°47	19°33	S 10
S 11	5 57 33	29°10'47	22°10	19° 9	15°49	23°24	4°R41	29°15	17° 6	10°36	28°49	9°38	11° 5	13°54	19°31	S 11
M12	6 1 29	0 궁 11'57	6M29	20°42	17° 4	23°26	4°41	29°20	17° 8	10°35	28°50	9°34	11° 2	14° 0	19°29	M12
T 13	6 5 26	1°13'09	21°12	22°15	18°19	23°27	4°41	29°25	17°10	10°34	28°51	9°29	10°59	14° 7	19°27	T 13
W14	6 9 22	2°14'20	6 ₹ 14	23°48	19°34	23°28	4°40	29°30	17°11	10°33	28°52	9°23	10°55	14°14	19°25	W14
T 15	6 13 19	3°15'33	21°27	25°21	20°49	23°R28	4°40	29°35	17°13	10°32	28°53	9°18	10°52	14°21	19°22	T 15
F 16	6 17 15	4°16'45	6 ප 40	26°55	22° 4	23°28	4°39	29°40	17°14	10°31	28°54	9°13	10°49	14°27	19°20	F 16
S 17	6 21 12	5°17'57	21°43	28°29	23°20	23°26	4°37	29°45	17°16	10°31	28°55	9°10	10°46	14°34	19°18	S 17
S 18	6 25 8	6°19'09	6≈27	0る 4	24°35	23°24	4°36	29°51	17°17	10°30	28°56	9°D 9	10°43	14°41	19°15	S 18
M19	6 29 5	7°20'21	20°46	1°39	25°50	23°21	4°35	29°56	17°19	10°29	28°57	9°10	10°39	14°47	19°12	M19
T 20	6 33 2	8°21'33	4) (37	3°14	27° 5	23°17	4°33	0 ∺ 1	17°20	10°28	28°58	9°11	10°36	14°54	19°10	T 20
W21	6 36 58	9°22'44	18° 1	4°49	28°20	23°12	4°31	0° 7	17°21	10°28	28°59	9°13	10°33	15° 1	19° 7	W21
T 22	6 40 55	10°23'54	0 Ƴ 59	6°25	29°35	23° 7	4°29	0°12	17°22	10°27	29° 0	9°14	10°30	15° 7	19° 4	T 22
F 23	6 44 51	11°25'05	13°36	8° 2	0≈50	23° 0	4°26	0°18	17°23	10°26	29° 2	9°R14	10°27	15°14	19° 1	F 23
S 24	6 48 48	12°26'14	25°55	9°38	2° 5	22°53	4°24	0°24	17°25	10°26	29° 3	9°13	10°24	15°21	18°58	S 24
S 25	6 52 44	13°27'24	8 8 1	11°15	3°20	22°45	4°21	0°29	17°26	10°25	29° 4	9°11	10°20	15°28	18°54	S 25
M26	6 56 41	14°28'32	19°58	12°53	4°35	22°36	4°18	0°35	17°27	10°24	29° 5	9°8	10°17	15°34	18°51	M26
T 27	7 0 37	15°29'40	1耳50	14°31	5°50	22°27	4°15	0°41	17°27	10°24	29° 7	9° 4	10°14	15°41	18°48	T 27
W28	7 4 34	16°30'48	13°40	16°10	7° 5	22°16	4°12	0°47	17°28	10°23	29° 8	9° 0	10°11	15°48	18°44	W28
T 29	7 8 3 1	17°31'55	25°31	17°49	8°20	22° 5	4° 9	0°53	17°29	10°23	29° 9	8°56	10° 8	15°54	18°41	T 29
F 30	7 12 27	18°33'02	79526	19°28	9°35	21°53	4° 5	0°59	17°30	10°23	29°11	8°53	10° 5	16° 1	18°37	F 30
S 31	7 16 24	19 る 34'08	199526	21る8	10≈50	21 Ω 41	4Mm) 1	1 ¥ 5	17 ≏ 31	10822	29≈12	8 N 51	10 N 1	16 II 8	18 Ω 34	S 31

Day	0	D	ğ	Q	♂	4	ħ)Å(¥	Р	r c	Ç	o k
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl de	cl decl	decl lat
T 1 F 2 S 3	23 s 2 23 7 23 11	20 7 3 22	20 48 0		16 49 2 56		13 35 1 42		13 20 1 51	23 s31 12 s22 23 30 12 22 23 30 12 22	17 50 17	_	8n17 7s 0 8 16 7 0 8 16 7 1
S 4 M 5 T 6 W 7 T 8 F 9	-	18 43 0 27 16 28 0n39 13 25 1 44 9 41 2 46	21 54 0 22 14 0s 22 33 0 22 51 0	6 24 20 1 6 s 1 24 17 1 8 8 24 13 1 9		10 50 1 5	13 30 1 42 13 29 1 41 13 27 1 41 13 25 1 41	6 4 0 38 6 4 0 38 6 5 0 38 6 6 0 38 6 7 0 38 6 7 0 38	13 19 1 51 13 19 1 51 13 18 1 51 13 18 1 51		17 53 17 17 53 17 17 53 17 17 52 17	24 18 6 25 18 7 26 18 8 27 18 10	8 16 7 2 8 16 7 3 8 15 7 3
S 10 S 11 M12 T 13 W14 T 15 F 16 S 17	23 26	4s 4 4 56 8 50 5 10 13 12 5 4 16 51 4 37 19 23 3 51 20 32 2 48	23 38 0 23 51 0 24 4 0 24 15 0 24 24 1 24 33 1	48 23 33 1 19 54 23 23 1 20 0 23 14 1 22	16 52 3 17 16 53 3 20 16 55 3 22 16 57 3 25 16 59 3 27 17 1 3 29	10 51 1 7 10 52 1 7 10 52 1 7	13 20 1 41 13 18 1 41 13 17 1 41 13 15 1 41 13 13 1 41 13 11 1 41	6 9 0 38 6 10 0 38 6 10 0 38 6 11 0 39 6 12 0 39	13 17 1 51 13 17 1 51 13 17 1 51 13 16 1 51 13 16 1 50 13 16 1 50	23 26 12 20 23 26 12 20 23 25 12 20 23 24 12 20 23 24 12 19 23 23 12 19 23 23 12 19 23 22 12 19	17 53 17 17 54 17 17 55 17 17 57 17 17 58 17 17 59 17	29 18 13 30 18 15 31 18 16 32 18 17 33 18 18	8 15 7 5 8 15 7 6 8 15 7 6 8 16 7 7 8 16 7 7 8 16 7 8 8 16 7 8 8 16 7 8
S 18 M19 T 20 W21 T 22 F 23 S 24	23 18	15 36 1s 3 11 56 2 15 7 46 3 17 3 23 4 7 1n 2 4 43	24 50 1 24 53 1 24 55 1 24 55 1 24 54 1	21 22 27 1 27 26 22 14 1 28 31 22 0 1 29 35 21 45 1 30		10 55 1 8 10 56 1 9 10 57 1 9 10 58 1 9 10 59 1 9	13 5 1 40 13 3 1 40 13 1 1 40 12 59 1 40 12 57 1 40	6 13 0 39 6 14 0 39 6 14 0 39 6 14 0 39 6 15 0 39	13 15 1 50 13 15 1 50 13 15 1 50 13 15 1 50 13 15 1 50	23 22 12 18 23 21 12 18 23 20 12 18 23 20 12 18 23 20 12 18 23 19 12 18 23 19 12 18 23 18 12 17	18 0 17 18 0 17 18 0 17 17 59 17 17 59 17	40 18 28	8 17 7 9 8 17 7 10 8 18 7 10 8 18 7 11 8 18 7 11 8 19 7 12 8 19 7 12
		12 49 5 8 15 51 4 50 18 13 4 19 19 49 3 36 20 33 2 45	24 42 1 24 35 1 24 26 1 24 16 1 24 4 2	50 20 40 1 33 53 20 22 1 34 56 20 4 1 34 58 19 45 1 35	18 3 4 2	11 3 1 10 11 4 1 11 11 5 1 11 11 7 1 11	12 51 1 40 12 49 1 40 12 47 1 40 12 44 1 40 12 42 1 40	6 16 0 39 6 16 0 39 6 17 0 39 6 17 0 39 6 17 0 39	13 14 1 50 13 14 1 50 13 14 1 50 13 14 1 50 13 14 1 50	23 16 12 17	18 1 17 18 2 17 18 3 17 18 4 17 18 5 17	41 18 31 42 18 32 43 18 33 44 18 34 45 18 36 46 18 37 47 18n38	8 20 7 12 8 21 7 13 8 21 7 13 8 22 7 14 8 23 7 14 8 23 7 14 8 24 7 815

Julian Day Number = 2288260.5, Delta T = 173.56 sec

Ecliptic obliquity = $23^{\circ}29'44$, Nutation = $-0^{\circ}00'14$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°30'06, Lahiri = 17°37'06 Julian Calendar 1 Dec. 1552 == Greg. Calendar 11 Dec. 1552