

Astrodienst Ephemeris Tables for the year 2091

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 2091 00:00 UT

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Day	Sid.t	0	D	ğ	·	ď	4	ħ)Å(¥	В	v	S	Ç	Ŷ,	Day
M 1	6 43 39	10중47'40	14846	21 × 121	24M46	22 Mp 26	3 ਰ 14	20°R27	12) (41	27°R16	23°R29	14°R 7	15 m) 0	6 Υ 2	16°R24	M 1
T 2	6 47 36	11°48'49	27°12	22°44	25°52	22°41	3°28	20∏22	12°43	27 Ω 15	23 Y 29	13 m 59	14°56	6° 9	169520	T 2
W 3	6 51 32	12°49'57	9 Ⅱ 58	24° 8	26°59	22°56	3°42	20°18	12°45	27°14	23°29	13°49	14°53	6°16	16°16	W 3
T 4	6 55 29	13°51'05	23° 4	25°32	28° 6	23°10	3°55	20°14	12°47	27°13	23°28	13°38	14°50	6°22	16°12	T 4
F 5	6 59 26	14°52'13	6930	26°57	29°13	23°24	4° 9	20° 9	12°50	27°12	23°28	13°28	14°47	6°29	16° 8	F 5
S 6	7 3 22	15°53'21	20°14	28°23	0 ₹ 20	23°37	4°23	20° 5	12°52	27°11	23°28	13°18	14°44	6°36	16° 4	S 6
S 7	7 7 19	16°54'29	4 Ω 11	29°50	1°28	23°50	4°36	20° 1	12°54	27° 9	23°D28	13°10	14°41	6°42	15°59	S 7
M 8	7 11 15	17°55'37	18°19	1 궁 18	2°36	24° 2	4°50	19°57	12°56	27° 8	23°28	13° 5	14°37	6°49	15°55	M 8
T 9	7 15 12	18°56'45	2 m /31	2°46	3°44	24°14	5° 3	19°53	12°59	27° 7	23°28	13° 2	14°34	6°56	15°51	T 9
W10	7 19 8	19°57'53	16°46	4°14	4°52	24°25	5°17	19°49	13° 1	27° 6	23°28	13°D 2	14°31	7° 2	15°47	W10
T 11	7 23 5	20°59'02	0 ჲ 59	5°43	6° 0	24°35	5°30	19°45	13° 3	27° 4	23°29	13° 3	14°28	7° 9	15°43	T 11
F 12	7 27 1	22° 0'10	15° 8	7°13	7° 8	24°45	5°44	19°41	13° 6	27° 3	23°29	13° 4	14°25	7°16	15°39	F 12
S 13	7 30 58	23° 1'18	29°13	8°43	8°17	24°54	5°57	19°37	13° 8	27° 2	23°29	13°R 4	14°22	7°22	15°35	S 13
S 14	7 34 55	24° 2'26	13 M .12	10°14	9°26	25° 3	6°11	19°34	13°11	27° 0	23°29	13° 2	14°18	7°29	15°31	S 14
M15	7 38 51	25° 3'34	27° 5	11°45	10°35	25°11	6°24	19°30	13°13	26°59	23°29	12°58	14°15	7°36	15°27	M15
T 16	7 42 48	26° 4'42	10 ∡ 149	13°17	11°44	25°18	6°38	19°27	13°16	26°58	23°29	12°52	14°12	7°42	15°22	T 16
W17	7 46 44	27° 5'50	24°24	14°49	12°53	25°25	6°51	19°23	13°18	26°56	23°30	12°45	14° 9	7°49	15°18	W17
T 18	7 50 41	28° 6'58	7 云 46	16°22	14° 2	25°31	7° 4	19°20	13°21	26°55	23°30	12°36	14° 6	7°56	15°14	T 18
F 19	7 54 37	29° 8'05	20°55	17°56	15°12	25°37	7°18	19°17	13°24	26°53	23°30	12°28	14° 2	8° 2	15°10	F 19
S 20	7 58 34	0≈ 9'11	3≈49	19°29	16°22	25°41	7°31	19°14	13°26	26°52	23°30	12°21	13°59	8° 9	15° 6	S 20
S 21	8 2 30	1°10'17	16°27	21° 4	17°31	25°45	7°44	19°11	13°29	26°51	23°31	12°16	13°56	8°16	15° 2	S 21
M22	8 6 27	2°11'23	28°50	22°39	18°41	25°49	7°57	19° 8	13°32	26°49	23°31	12°13	13°53	8°22	14°59	M22
T 23	8 10 24	3°12'27	11 米 0	24°14	19°51	25°51	8°11	19° 5	13°35	26°48	23°31	12°D12	13°50	8°29	14°55	T 23
W24	8 14 20	4°13'31	22°58	25°50	21° 1	25°53	8°24	19° 2	13°37	26°46	23°32	12°13	13°47	8°36	14°51	W24
T 25	8 18 17	5°14'33	4 Υ 49	27°27	22°12	25°54	8°37	18°59	13°40	26°45	23°32	12°14	13°43	8°42	14°47	T 25
F 26	8 22 13	6°15'35	16°37	29° 4	23°22	25°R55	8°50	18°57	13°43	26°43	23°33	12°16	13°40	8°49	14°43	F 26
S 27	8 26 10	7°16'36	28°27	0≈42	24°32	25°54	9° 3	18°54	13°46	26°41	23°33	12°18	13°37	8°56	14°40	S 27
S 28	8 30 6	8°17'35	10824	2°20	25°43	25°53	9°16	18°52	13°49	26°40	23°34	12°R18	13°34	9° 2	14°36	S 28
M29	8 34 3	9°18'34	22°32	4° 0	26°53	25°52	9°29	18°50	13°52	26°38	23°34	12°17	13°31	9° 9	14°32	M29
T 30	8 37 59	10°19'31	4 ∐ 58	5°39	28° 4	25°49	<u>9°41</u>	18°48	13°55	26°37	23°35	12°15	13°28	9°15	14°29	T 30
W31	8 41 56	11≈20'27	17 ∏ 44	7≈20	29 × 15	25 Mp 46	9 궁 54	18 Ⅱ 46	13 ¥ 58	26€35	23 Y 35	12 m 11	13 m 24	9 Ƴ 22	149925	W31

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M 1 T 2 W 3	22 s59 22 54 22 48	14 47 4 52	22 36	0n45 16s 5 0 37 16 21 0 29 16 37	2n58 5n39 2 57 5 35 2 56 5 3	2 55	23 s12 23 12 23 12	0 11	21n37 21 37 21 37	1 s28 1 28 1 27	7 s30 7 29 7 28	0 s45 0 45 0 45	12n48 On 12 48 O 12 49 O	25 6 5	53 17 s12 53 17 11 53 17 11	6n15 6 18 6 22	5n54 5 56 5 57	0n42 0 44 0 46		7 s21 7 21 7 21
T 4 F 5 S 6	22 42 22 36	18 15 5 0 18 36 4 40	23 0 23 10	0 21 16 52 0 13 17 8 0 6 17 23	2 56 5 26 2 55 5 22 2 54 5 19	2 58	23 11 23 11 23 11	0 11 0 11	21 37 21 37 21 37 21 37	1 27 1 27 1 27 1 27	7 27 7 26 7 25	0 45 0 45	12 49 0 12 49 0 12 50 0	25 6 5 25 6 5	52 17 10 52 17 10 52 17 10 52 17 10	6 26 6 30 6 34	5 58 5 59 6 1	0 47 0 49	15 9	7 21 7 21 7 21 7 21
W10 T 11 F 12	22 21 22 13 22 5 21 56 21 47 21 38 21 28	13 17 2 9 9 42 0 56 5 32 0n20 1 4 1 35 3 s 26 2 44	23 35 5 23 41 0 23 45 5 23 49 23 51	0s 2 17 37 0 9 17 52 0 17 18 6 0 24 18 20 0 31 18 33 0 38 18 46 0 44 18 59	2 53 5 15 2 51 5 12 2 50 5 9 2 48 5 6 2 47 5 3 2 45 5 1 2 43 4 59	3 5 3 6 3 8 3 10 3 11	23 9 23 8	0 10 0 10 0 10 0 10 0 10	21 36 21 36 21 36 21 36 21 36 21 36 21 36	1 27 1 27 1 26 1 26 1 26 1 26 1 26	7 25 7 24 7 23 7 22 7 21 7 20 7 19	0 45 0 45 0 45 0 45 0 45	12 50 0 12 51 0 12 51 0 12 52 0 12 52 0 12 53 0 12 53 0	25 6 5 25 6 5 25 6 5 25 6 5 25 6 5	51 17 9 51 17 9 51 17 9 50 17 8 50 17 8 49 17 7	6 37 6 39 6 40 6 40 6 39 6 39 6 39	6 2 6 3 6 4 6 6 6 7 6 8 6 9	0 55 0 57 0 59 1 1 1 2	15 10 15 10 15 11 15 11 15 12 15 12 15 13	7 21 7 21 7 21 7 21 7 21 7 21 7 21 7 21
S 14 M15 T 16 W17 T 18 F 19 S 20	21 17 21 6 20 55 20 44	11 32 4 28 14 41 4 56 16 58 5 8 18 17 5 2 18 33 4 39 17 49 4 2	3 23 52 5 23 51 8 23 48 2 23 44 9 23 39 2 23 32	0 51 19 11 0 57 19 23 1 3 19 35 1 9 19 46 1 14 19 56 1 20 20 6 1 25 20 16	2 42 4 57 2 40 4 53 2 38 4 54 2 35 4 53 2 33 4 52 2 31 4 53 2 28 4 53	3 15 3 16 3 18 3 20 3 22 3 23	23 7 23 6 23 6 23 5 23 5 23 4		21 36 21 36 21 36 21 35 21 35 21 35	1 25 1 25 1 25 1 25 1 25 1 25 1 24 1 24	7 18 7 17 7 16 7 15 7 14 7 13 7 12	0 45 0 45 0 45 0 45 0 45 0 45	12 53 0 12 54 0 12 54 0 12 55 0 12 55 0 12 56 0	25 6 4 25 6 4 25 6 4 25 6 4 25 6 4 25 6 4	19 17 7 18 17 6 18 17 6 17 17 6	6 40 6 41 6 44 6 46 6 50 6 53 6 55	6 10 6 12 6 13 6 14 6 15 6 17 6 18	1 6 1 8 1 10 1 12 1 14 1 16	15 13	7 21 7 21 7 21 7 21 7 21 7 21 7 21 7 21
S 21 M22 T 23 W24 T 25 F 26 S 27		10 45 1 12 7 20 0 7 3 41 0s58 0n 4 2 0 3 48 2 57	2 23 4 7 22 52 8 22 39 0 22 24 7 22 7	1 29 20 25 1 34 20 34 1 38 20 42 1 42 20 50 1 46 20 57 1 50 21 3 1 53 21 9	2 26 4 53 2 23 4 53 2 21 4 52 2 18 4 53 2 15 4 53 2 12 4 55 2 10 4 56	3 28 3 30 3 32 3 33 3 35	23 2 23 1 23 1	0 9	21 35 21 35	1 24 1 24 1 24 1 23 1 23 1 23 1 23	7 11 7 10 7 9 7 7 7 6 7 5 7 4	0 45 0 45 0 45 0 45	12 57 0 12 58 0 12 59 0 12 59 0 13 0 0	25 6 4 25 6 4 25 6 4 25 6 4 25 6 4	46 17 4 45 17 4 45 17 3 44 17 3 44 17 3 43 17 2 43 17 2	6 57 6 58 6 59 6 58 6 58 6 57 6 57	6 19 6 20 6 21 6 23 6 24 6 25 6 26	1 21 1 23 1 25 1 27 1 29	15 17 15 17 15 18 15 19 15 19 15 20 15 20	7 20 7 20 7 20 7 20 7 20 7 20 7 20 7 19
S 28 M29 T 30 W31	17 55 17 39	13 38 4 55 16 1 5 11	21 9 20 47	1 55 21 15 1 58 21 20 2 0 21 24 2s 2 21 s28	2 7 4 58 2 4 5 1 2 1 5 3 1n57 5n 6	3 40 3 42	22 57 22 57 22 56 22 s55	0 9 0 8	21 35 21 35 21 35 21n35	1 23 1 22 1 22 1 s22	7 3 7 2 7 1 6 s 5 9	0 45	13 1 0	25 6 4 25 6 4	12 17 2 12 17 1 11 17 1 11 17s 1	6 57 6 57 6 58 6n59	6 27 6 29 6 30 6n31	1 34 1 36	15 21 15 21 15 22 15n23	7 19 7 19 7 19 7 s18

Julian Day Number = 2484782.5, Delta T = 89.18 sec
Ecliptic obliquity = $23^{\circ}25'29$, Nutation = - $0^{\circ}00'04$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}00'42$, Lahiri = $25^{\circ}07'43$

00:00 UT FEBRUARY 2091

Day	Sid.t	0	D	ğ	φ	♂	4	ħ)∤(¥	Р	ß	Ω	Ç	ę,	Day
T 1	8 45 53	12≈21'22	0954	9≈ 1	0 ට 26	25°R41	10ට 7	18°R44	14) 1	26°R33	23 Y 36	12°R 6	13 m 21	9Υ29	14°R22	T 1
F 2	8 49 49	13°22'16	14°28	10°43	1°37	25 m 37	10°20	18 Ⅱ 42	14° 4	26 Ω 32	23°36	12 Mp 1	13°18	9°35	149518	F 2
S 3	8 53 46	14°23'09	28°25	12°25	2°48	25°31	10°32	18°40	14° 7	26°30	23°37	11°57	13°15	9°42	14°15	S 3
S 4	8 57 42	15°24'00	12 \O 43	14° 8	3°59	25°24	10°45	18°38	14°10	26°29	23°37	11°54	13°12	9°49	14°11	S 4
M 5	9 1 39	16°24'50	27°15	15°52	5°10	25°17	10°57	18°37	14°13	26°27	23°38	11°52	13° 8	9°55	14° 8	M 5
T 6	9 5 3 5	17°25'39	11 Mp 56	17°37	6°21	25° 9	11°10	18°36	14°17	26°25	23°39	11°D51	13° 5	10° 2	14° 5	T 6
W 7	9 9 32	18°26'27	26°38	19°22	7°33	25° 0	11°22	18°34	14°20	26°24	23°39	11°52	13° 2	10° 9	14° 2	W 7
T 8	9 13 28	19°27'15	11 ≏ 16	21° 8	8°44	24°50	11°34	18°33	14°23	26°22	23°40	11°53	12°59	10°15	13°59	T 8
F 9	9 17 25	20°28'01	25°44	22°55	9°56	24°40	11°46	18°32	14°26	26°20	23°41	11°54	12°56	10°22	13°56	F 9
S 10	9 21 22	21°28'46	9 M 59	24°43	11° 7	24°29	11°59	18°31	14°29	26°19	23°41	11°55	12°53	10°29	13°53	S 10
S 11	9 25 18	22°29'30	23°59	26°31	12°19	24°17	12°11	18°30	14°33	26°17	23°42	11°R56	12°49	10°35	13°50	S 11
M12	9 29 15	23°30'14	7 . ₹44	28°19	13°31	24° 4	12°23	18°29	14°36	26°15	23°43	11°55	12°46	10°42	13°47	M12
T 13	9 33 11	24°30'56	21°12	0 ∀ 8	14°42	23°51	12°35	18°29	14°39	26°14	23°44	11°54	12°43	10°49	13°44	T 13
W14	9 37 8	25°31'37	4 る 26	1°58	15°54	23°36	12°47	18°28	14°42	26°12	23°45	11°52	12°40	10°55	13°42	W14
T 15	9 41 4	26°32'17	17°24	3°48	17° 6	23°21	12°59	18°28	14°46	26°10	23°45	11°49	12°37	11° 2	13°39	T 15
F 16	9 45 1	27°32'56	0≈10	5°38	18°18	23° 6	13°10	18°28	14°49	26° 8	23°46	11°47	12°34	11° 9	13°36	F 16
S 17	9 48 57	28°33'33	12°42	7°28	19°30	22°49	13°22	18°27	14°52	26° 7	23°47	11°45	12°30	11°15	13°34	S 17
S 18	9 52 54	29°34'09	25° 3	9°19	20°42	22°32	13°33	18°D27	14°56	26° 5	23°48	11°44	12°27	11°22	13°32	S 18
M19	9 56 51	0) (34'44	7) (14	11° 9	21°54	22°14	13°45	18°27	14°59	26° 3	23°49	11°D43	12°24	11°29	13°29	M19
T 20	10 0 47	1°35'17	19°15	12°58	23° 6	21°56	13°56	18°28	15° 2	26° 2	23°50	11°44	12°21	11°35	13°27	T 20
W21	10 4 44	2°35'48	1 Υ 9	14°46	24°18	21°37	14° 8	18°28	15° 6	26° 0	23°51	11°44	12°18	11°42	13°25	W21
T 22	10 8 40	3°36'18	12°59	16°34	25°31	21°17	14°19	18°28	15° 9	25°58	23°52	11°45	12°14	11°49	13°23	T 22
F 23	10 12 37	4°36'45	24°47	18°20	26°43	20°57	14°30	18°29	15°13	25°57	23°53	11°46	12°11	11°55	13°21	F 23
S 24	10 16 33	5°37'11	6 8 37	20° 4	27°55	20°36	14°41	18°29	15°16	25°55	23°54	11°47	12° 8	12° 2	13°19	S 24
S 25	10 20 30	6°37'36	18°33	21°45	29° 8	20°15	14°52	18°30	15°19	25°53	23°55	11°47	12° 5	12° 9	13°17	S 25
M26	10 24 26	7°37'58	0 Ⅱ 40	23°24	0≈20	19°54	15° 3	18°31	15°23	25°52	23°56	11°47	12° 2	12°15	13°15	M26
T 27	10 28 23	8°38'18	13° 1	24°59	1°32	19°32	15°14	18°32	15°26	25°50	23°57	11°R47	11°59	12°22	13°14	T 27
W28	10 32 19	9) 38'37	25 Ⅱ 42	26) 31	2≈45	19 m 10	15 る 25	18 Ⅲ 33	15 ∺ 30	25 Ω 49	23 Y 58	11 M 47	11 m 55	12 Y 29	139512	W28

Day	0	D		ğ	5	ç	2	ď	•	2	ł	Ť	ì	ړ(ξ(ř	ħ	Р	n	U	Ç	Q K	
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T 1	17s 5	18n29	4 s 5 7	19s58	2 s 3	21 s31	1n54	5n 9	3n45	22 s54	0n 8	21n35	1 s22	6 s 5 8	0 s45	13n 3	0n25	6s40 17s 0	7n 1	6n32	1n40	15n23	7 s18
F 2				19 32		_	1 51	5 12		22 53		21 35	1 21	6 57	0 45			6 40 17 0	, -	6 34			7 18
S 3	16 30	16 56	3 36	19 4	2 5	21 36	1 48	5 16	3 48	22 52	0 8	21 36	1 21	6 56	0 45	13 4	0 25	6 39 17 0	7 4	6 35	1 44	15 25	7 18
S 4	16 13	14 32	2 34	18 34	2 5	21 37	1 45	5 20		22 51	0 8	21 36	1 21	6 55	0 44	13 5	0 25	6 39 16 59	7 6	6 36	1 46	15 25	7 17
M 5				-			1 41	5 24		22 50		21 36	1 21	6 53	0 44			6 38 16 59		6 37			7 17
T 6	15 36			17 31	2 4		1 38	5 29		22 50		21 36	1 21	6 52	0 44	-	0 25	6 38 16 59		6 38			7 17
W 7	15 17			16 57			1 35	5 34		22 49		21 36	1 20	6 51	0 44	-	0 25	6 37 16 58		6 40			7 16
T 8	14 59			16 22			1 31	5 39		22 48		3 21 36	1 20	6 50				6 37 16 58		6 41			7 16
F 9	14 39			15 45		21 36	1 28	5 44		22 47		21 36	1 20	6 48	0 44			6 36 16 58		6 42			7 16
S 10	14 20	10 33	4 28	15 7	1 3/	21 34	1 24	5 50	3 38	22 46	0 8	21 36	1 20	6 47	0 44	13 8	0 25	6 35 16 57	7 5	6 43	1 5/	15 29	7 15
S 11	14 0	13 54	5 1	14 27	1 54	21 31	1 21	5 55		22 45	0	21 36	1 19	6 46	0 44	13 9	0 25	6 35 16 57	7 5	6 45	1 59	15 30	7 15
M12	-	16 24	5 15	13 46	1 50	21 27	1 17	6 2		22 44		21 37	1 19	6 45	0 44	13 9	0 25	6 34 16 57	7 5	6 46	2 1	15 30	7 14
T 13	-		5 12	-	1 46		1 14	6 8		22 43		21 37	1 19	6 43		13 10		6 34 16 56		6 47			7 14
W14	-		-	12 20	1 41		1 10	6 15		22 42		21 37	1 19	6 42		13 10		6 33 16 56		6 48			7 14
T 15	12 40		-	11 36		21 14	1 7	6 22		22 40		21 37	1 19	6 41		13 11		6 33 16 56		6 49			7 13
F 16 S 17	-		2 34	10 50 10 2		-	1 3 1 0	6 29 6 36		22 39 22 38		7 21 37 7 21 38	1 18 1 18	6 39 6 38		13 12 13 12		6 32 16 55 6 31 16 55		6 51 6 52			7 13 7 12
	11 36	14 31	2 34	-		21 1	1 0	0 30					1 10	0 30	0 44	13 12	0 23	0 31 10 33		0 32	2 10	15 34	/ 12
S 18			1 31	9 14		20 54		6 43		22 37		21 38	1 18	6 37		13 13		6 31 16 55	, ,	6 53			7 12
M19	11 16		0 25	8 25	1 7	,	0 53	6 51		22 36		21 38	1 18	6 36		13 13		6 30 16 55		6 54			7 11
T 20	10 54		0 s42	7 36		20 39	0 49	6 59		22 35		21 38	1 17	6 34		13 14		6 30 16 54		6 55			7 11
W21 T 22	10 33 10 11		1 46 2 45	6 45 5 54	0 49		0 45 0 42	7 7		22 34 22 33		7 21 39 7 21 39	1 17 1 17	6 33 6 32		13 15 13 15		6 29 16 54 6 29 16 54		6 57 6 58			7 11 7 10
F 23	9 49		3 37	5 34	0 39		0 42	7 15 7 24		22 33		5 21 39	1 17	6 30		13 15		6 29 16 54		6 58			7 10
S 24	9 27		4 20	4 12			0 35	7 32		22 32		5 21 39	1 16			13 16		6 27 16 53		7 0			7 9
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S 25			4 52	-	0 6		0 31	7 40		22 30		21 40	-			13 17		6 27 16 53		7 2			7 9
M26 T 27	-		5 12	2 31	0n 7 0 20		0 28	7 49 7 58		22 28		21 40	1 16			13 17		6 26 16 53		7 3 7 4	2 27 2 29		7 8 7 8
W28	8 20 7 s 5 7	-, -	5 18 5s 9				0 24 0n21	7 58 8n 6		22 27 22 s26	0 (5 21 40 5 21n41	1 16 1 s 1 6	6 25 6 s24		13 18 13n18		6 25 16 52 6s25 16s52	, -	, .			7 s 7
***20	/ 55 /	101113	23 2	0333	01133	19812	01121	011 0	711 9	22 520	OII (211141	1510	0.824	0.544	131110	01123	0323 10832	/11 0	/11 3	21131	1311+1	15 /

Julian Day Number = 2484813.5, Delta T = 89.22 sec Ecliptic obliquity = 23°25'30, Nutation = -0°00'04, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 26°00'46, Lahiri = 25°07'47

MARCH 2091 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(并	В	S.	v	Ç	ķ	Day
T 1	10 36 16	10) 38'53	89647	27) 57	3≈57	18°R47	15 る 35	18 耳 34	15) 33	25°R47	23 Y 59	11°R47	11 m 52	12 Y 35	13°R10	T 1
F 2	10 40 13	11°39'08	22°17	29°19	5°10	18 m 24	15°46	18°36	15°36	25 Ω 45	24° 0	11°D47	11°49	12°42	1399 9	F 2
S 3	10 44 9	12°39'20	6 Ω 15	0 Υ 34	6°22	18° 1	15°56	18°37	15°40	25°44	24° 1	11 m) 47	11°46	12°49	13° 8	S 3
S 4	10 48 6	13°39'30	20°37	1°44	7°35	17°38	16° 6	18°38	15°43	25°42	24° 2	11°47	11°43	12°55	13° 7	S 4
M 5	10 52 2	14°39'39	5 m 21	2°46	8°47	17°14	16°17	18°40	15°47	25°41	24° 3	11°R47	11°39	13° 2	13° 5	M 5
T 6	10 55 59	15°39'45	20°20	3°41	10° 0	16°50	16°27	18°42	15°50	25°39	24° 4	11°47	11°36	13° 9	13° 4	T 6
W 7	10 59 55	16°39'50	5 ≏ 26	4°28	11°13	16°27	16°37	18°44	15°54	25°37	24° 6	11°47	11°33	13°15	13° 3	W 7
T 8	11 3 52	17°39'53	20°29	5° 6	12°25	16° 3	16°47	18°46	15°57	25°36	24° 7	11°47	11°30	13°22	13° 2	T 8
F 9	11 7 48	18°39'54	5 M 22	5°36	13°38	15°39	16°56	18°48	16° 1	25°34	24° 8	11°46	11°27	13°29	13° 2	F 9
S 10	11 11 45	19°39'54	19°56	5°57	14°51	15°16	17° 6	18°50	16° 4	25°33	24° 9	11°45	11°24	13°35	13° 1	S 10
S 11	11 15 42	20°39'52	4 ₹ 9	6° 9	16° 4	14°52	17°16	18°52	16° 7	25°31	24°10	11°44	11°20	13°42	13° 0	S 11
M12	11 19 38	21°39'48	17°58	6°R12	17°17	14°29	17°25	18°55	16°11	25°30	24°11	11°D44	11°17	13°49	13° 0	M12
T 13	11 23 35	22°39'43	1 云 24	6° 6	18°29	14° 6	17°34	18°57	16°14	25°28	24°13	11°44	11°14	13°55	12°59	T 13
W14	11 27 31	23°39'37	14°28	5°52	19°42	13°43	17°44	19° 0	16°18	25°27	24°14	11°45	11°11	14° 2	12°59	W14
T 15	11 31 28	24°39'28	27°13	5°30	20°55	13°20	17°53	19° 2	16°21	25°25	24°15	11°46	11° 8	14° 9	12°59	T 15
F 16	11 35 24	25°39'18	9≈42	5° 0	22° 8	12°58	18° 2	19° 5	16°24	25°24	24°16	11°47	11° 5	14°15	12°59	F 16
S 17	11 39 21	26°39'06	21°58	4°23	23°21	12°36	18°10	19° 8	16°28	25°23	24°18	11°48	11° 1	14°22	12°D59	S 17
S 18	11 43 17	27°38'52	4 ∺ 4	3°41	24°34	12°14	18°19	19°11	16°31	25°21	24°19	11°49	10°58	14°29	12°59	S 18
M19	11 47 14	28°38'37	16° 2	2°54	25°47	11°53	18°28	19°14	16°35	25°20	24°20	11°R49	10°55	14°35	12°59	M19
T 20	11 51 11	29°38'19	27°56	2° 3	27° 0	11°32	18°36	19°17	16°38	25°19	24°22	11°48	10°52	14°42	12°59	T 20
W21	11 55 7	0 Ƴ 37'59	9 Υ 46	1° 9	28°13	11°12	18°45	19°21	16°41	25°17	24°23	11°47	10°49	14°49	12°59	W21
T 22	11 59 4	1°37'38	21°34	0°15	29°26	10°52	18°53	19°24	16°45	25°16	24°24	11°44	10°45	14°55	13° 0	T 22
F 23	12 3 0	2°37'14	3 8 24	29 米 20	0 ∺ 39	10°33	19° 1	19°28	16°48	25°15	24°25	11°40	10°42	15° 2	13° 0	F 23
S 24	12 6 57	3°36'48	15°17	28°26	1°52	10°15	19° 9	19°31	16°51	25°13	24°27	11°37	10°39	15° 9	13° 1	S 24
S 25	12 10 53	4°36'20	27°15	27°34	3° 5	9°57	19°17	19°35	16°55	25°12	24°28	11°33	10°36	15°15	13° 2	S 25
M26	12 14 50	5°35'49	9Ⅱ23	26°45	4°18	9°40	19°24	19°39	16°58	25°11	24°29	11°30	10°33	15°22	13° 2	M26
T 27	12 18 46	6°35'17	21°44	26° 0	5°31	9°23	19°32	19°42	17° 1	25°10	24°31	11°28	10°30	15°29	13° 3	T 27
W28	12 22 43	7°34'42	49521	25°19	6°44	9° 8	19°39	19°46	17° 5	25° 9	24°32	11°D27	10°26	15°35	13° 4	W28
T 29	12 26 39	8°34'05	17°19	24°43	7°57	8°53	19°46	19°51	17° 8	25° 8	24°34	11°27	10°23	15°42	13° 5	T 29
F 30	12 30 36	9°33'26	$0\Omega 40$	24°13	9°10	8°38	1 <u>9</u> °53	19°55	17°11	25° 6	24°35	11°29	10°20	15°49	13° 6	F 30
S 31	12 34 33	10 Y 32'44	$14\Omega 27$	23) 48	10 ∺ 24	8 m 25	20중 0	19 II 59	17) 14	25Ω 5	24 Y 36	11 m 30	10 m) 17	15 Y 55	1399 8	S 31

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	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl dec	decl	decl lat
T 1 F 2 S 3	7 s34 7 11 6 48	18n25 4s43 17 36 4 2 15 43 3 5	0s 6 0n47 0n39 1 1 1 23 1 15	18 44 0 14	8 24 4 9	22 s25		6 21 0 44	13n19 0n25 13 20 0 25 13 20 0 25	6s24 16s52 6 24 16 52 6 23 16 51	7n 8 7n 9 7 8 7 8 7 8 7 8 7	2 35	15n42 7s 7 15 42 7 6 15 43 7 6
S 4 M 5 T 6 W 7 T 8	6 25 6 2 5 39 5 16 4 52	8 59 0 36 4 33 0n47	2 41 1 44 3 16 1 58 3 47 2 11	1 17 59 0 4 3 17 43 0 1 1 17 27 0s 3	8 50 4 7 8 59 4 7 9 7 4 6	22 21 0 6 22 19 0 5	21 43 1 14 21 43 1 14	6 17 0 44 6 16 0 44 6 14 0 44	13 22 0 25 13 22 0 25	6 22 16 51 6 22 16 51 6 21 16 51 6 21 16 50 6 20 16 50	7 8 7 10 7 8 7 1 7 8 7 1 7 8 7 1 7 9 7 1	2 40 2 2 42 4 2 44	15 44 7 5 15 44 7 5 15 45 7 4 15 46 7 3 15 46 7 3
F 9 S 10	4 29 4 5		4 38 2 37 4 57 2 49		9 24 4 4 9 32 4 3			-		6 19 16 50 6 19 16 50	7 9 7 10 7 9 7 1	-	15 47 7 2 15 47 7 2
S 11 M12 T 13 W14 T 15 F 16 S 17	3 42 3 18 2 55 2 31 2 7 1 44 1 20	17 38 5 16 18 26 4 59 18 13 4 27 17 3 3 43 15 6 2 49	5 21 3 9 5 27 3 17 5 27 3 24 5 23 3 29 5 14 3 33	0 15 57 0 19 7 15 37 0 22 1 15 17 0 25 1 0 14 57 0 28 1 3 14 36 0 30 1	10 4 3 58 10 11 3 57 10 18 3 55	22 13 0 5 22 12 0 5 22 10 0 5 22 9 0 5 22 8 0 5	21 45 1 13 21 46 1 13 21 46 1 12 21 46 1 12	6 8 0 44 6 6 0 44 6 5 0 44 6 4 0 44 6 2 0 44	13 25 0 25 13 25 0 25 13 26 0 26 13 26 0 26	6 18 16 50 6 18 16 49 6 17 16 49 6 16 16 49 6 15 16 49 6 15 16 48	7 9 7 13 7 10 7 20 7 9 7 2 7 9 7 2 7 9 7 2 7 8 7 2 7 8 7 2	2 53 1 2 55 2 2 57 3 2 59 4 3 1	15 48 7 1 15 49 7 1 15 49 7 0 15 50 7 0 15 50 6 59 15 51 6 58 15 52 6 58
S 18 M19 T 20 W21 T 22 F 23 S 24	0 56 0 32 0 9 0n15 0 39 1 2 1 26	5 52 0s23 2 10 1 28 1n35 2 28 5 17 3 22	4 23 3 32 3 59 3 28 3 33 3 22 3 4 3 14 2 33 3 4	3 13 9 0 42 1 2 12 47 0 44 1 4 12 24 0 47 1 4 12 0 0 49 1	10 38 3 50 10 45 3 48 10 50 3 46	22 5 0 4 22 4 0 4 22 3 0 4 22 2 0 4 22 1 0 4	21 49 1 11 21 49 1 11 21 50 1 11 21 50 1 11	5 58 0 44 5 57 0 44 5 56 0 44 5 55 0 44 5 53 0 44	13 29 0 26 13 29 0 26 13 30 0 26	6 14 16 48 6 13 16 48 6 13 16 48 6 12 16 48 6 12 16 48 6 11 16 48 6 10 16 47	7 8 7 2 7 8 7 2 7 8 7 2 7 9 7 3 7 10 7 3 7 11 7 3 7 12 7 3	3 3 7 9 3 9 1 3 10 2 3 12 3 3 14	15 52 6 57 15 53 6 57 15 53 6 56 15 54 6 56 15 54 6 55 15 55 6 54 15 55 6 54
S 25 M26 T 27 W28 T 29 F 30 S 31	2 13 2 37 3 0 3 24 3 47	18 1 5 10 18 31 4 50	0 58 2 28 0 27 2 13 0s 3 1 58 0 31 1 43 0 58 1 27	3 10 48 0 57 1 4 10 24 0 59 1 8 9 59 1 1 1 8 9 34 1 3 1 7 9 8 1 6 1	11 16 3 35 11 20 3 33 11 24 3 30 11 27 3 28 11 30 3 26	21 58 0 4 21 57 0 3 21 56 0 3 21 55 0 3 21 54 0 3	21 52 1 10 21 53 1 10 21 53 1 9	5 49 0 44 5 48 0 44 5 47 0 44 5 46 0 44 5 44 0 44	13 32 0 26 13 32 0 26	6 10 16 47 6 9 16 47 6 9 16 47 6 8 16 47 6 8 16 47 6 7 16 47 6s 6 16s47	7 14 7 3: 7 15 7 3: 7 16 7 3: 7 16 7 3: 7 16 7 4: 7 15 7 4 7 15 7 74	3 20 3 3 22 9 3 24 0 3 25 1 3 27	15 56 6 53 15 56 6 53 15 57 6 52 15 57 6 51 15 58 6 51 15 58 6 50 15n59 6s50

Julian Day Number = 2484841.5, Delta T = 89.25 sec Ecliptic obliquity = $23^{\circ}25'30$, Nutation = - $0^{\circ}00'05$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}00'50$, Lahiri = $25^{\circ}07'51$

APRIL 2091 00:00 UT

Day	Sid.t	0	D	ğ	Ş	♂	4	ħ)∤(卉	Р	n	v	Ç	ķ	Day
S 1	12 38 29	11 Y 32'00	28 Ω 41	23°R28	11 米 37	8°R12	20궁 7	20耳 3	17) 18	25°R 4	24 Y 38	11 m y31	10 m)14	16 Y 2	1399 9	S 1
M 2	12 42 26	12°31'13	13 m 21	23) 15	12°50	8MD 0	20°14	20° 8	17°21	25€ 3	24°39	11°R32	10°10	16° 9	13°10	M 2
T 3	12 46 22	13°30'24	28°21	23° 7	14° 3	7°48	20°20	20°12	17°24	25° 2	24°40	11°31	10° 7	16°15	13°12	T 3
W 4	12 50 19	14°29'33	13 ≏ 34	23°D 5	15°16	7°38	20°27	20°17	17°27	25° 1	24°42	11°28	10° 4	16°22	13°13	W 4
T 5	12 54 15	15°28'41	28°51	23° 8	16°29	7°28	20°33	20°21	17°30	25° 0	24°43	11°24	10° 1	16°29	13°15	T 5
F 6	12 58 12	16°27'46	14 M 0	23°17	17°42	7°19	20°39	20°26	17°33	24°59	24°45	11°19	9°58	16°35	13°17	F 6
S 7	13 2 8	17°26'49	28°53	23°31	18°56	7°11	20°45	20°31	17°37	24°58	24°46	11°14	9°55	16°42	13°19	S 7
S 8	13 6 5	18°25'51	13 × 21	23°50	20° 9	7° 3	20°50	20°36	17°40	24°58	24°47	11° 9	9°51	16°49	13°21	S 8
M 9	13 10 2	19°24'51	27°22	24°14	21°22	6°57	20°56	20°41	17°43	24°57	24°49	11° 6	9°48	16°55	13°23	M 9
T 10	13 13 58	20°23'49	10 ප 54	24°42	22°35	6°51	21° 1	20°46	17°46	24°56	24°50	11° 4	9°45	17° 2	13°25	T 10
W11	13 17 55	21°22'45	23°59	25°15	23°48	6°46	21° 7	20°51	17°49	24°55	24°52	11°D 3	9°42	17° 9	13°27	W11
T 12	13 21 51	22°21'40	6≈40	25°51	25° 2	6°41	21°12	20°56	17°52	24°54	24°53	11° 4	9°39	17°15	13°29	T 12
F 13	13 25 48	23°20'33	19° 3	26°32	26°15	6°38	21°17	21° 2	17°55	24°54	24°54	11° 6	9°36	17°22	13°32	F 13
S 14	13 29 44	24°19'24	1 ∺ 10	27°16	27°28	6°35	21°21	21° 7	17°58	24°53	24°56	11° 7	9°32	17°29	13°34	S 14
S 15	13 33 41	25°18'13	13° 8	28° 4	28°41	6°33	21°26	21°12	18° 1	24°52	24°57	11°R 8	9°29	17°35	13°36	S 15
M16	13 37 37	26°17'00	24°59	28°55	29°55	6°32	21°30	21°18	18° 3	24°52	24°59	11° 6	9°26	17°42	13°39	M16
T 17	13 41 34	27°15'46	6 Ƴ 47	29°49	1 Υ 8	6°D31	21°35	21°24	18° 6	24°51	25° 0	11° 3	9°23	17°49	13°42	T 17
W18	13 45 31	28°14'30	18°35	0 Υ 46	2°21	6°31	21°39	21°29	18° 9	24°50	25° 1	10°58	9°20	17°55	13°45	W18
T 19	13 49 27	29°13'12	0 8 25	1°46	3°34	6°32	21°42	21°35	18°12	24°50	25° 3	10°50	9°16	18° 2	13°47	T 19
F 20	13 53 24	0 8 11'51	12°19	2°49	4°48	6°34	21°46	21°41	18°15	24°49	25° 4	10°41	9°13	18° 9	13°50	F 20
S 21	13 57 20	1°10'29	24°19	3°55	6° 1	6°36	21°50	21°47	18°17	24°49	25° 6	10°32	9°10	18°15	13°53	S 21
S 22	14 117	2° 9'05	6 Ⅱ 25	5° 3	7°14	6°40	21°53	21°53	18°20	24°48	25° 7	10°22	9° 7	18°22	13°56	S 22
M23	14 5 13	3° 7'39	18°40	6°13	8°27	6°43	21°56	21°59	18°23	24°48	25° 8	10°13	9° 4	18°29	14° 0	M23
T 24	14 9 10	4° 6'11	199 6	7°26	9°41	6°48	21°59	22° 5	18°25	24°48	25°10	10° 7	9° 1	18°36	14° 3	T 24
W25	14 13 6	5° 4'41	13°46	8°42	10°54	6°53	22° 2	22°11	18°28	24°47	25°11	10° 2	8°57	18°42	14° 6	W25
T 26	14 17 3	6° 3'08	26°41	9°59	12° 7	6°59	22° 5	22°17	18°31	24°47	25°13	10° 0	8°54	18°49	14°10	T 26
F 27	14 21 0	7° 1'34	9 Ω 56	11°18	13°21	7° 6	22° 7	22°23	18°33	24°47	25°14	10°D 0	8°51	18°56	14°13	F 27
S 28	14 24 56	7°59'57	23°34	12°40	14°34	7°13	22° 9	22°29	18°36	24°46	25°15	10° 0	8°48	19° 2	14°17	S 28
S 29	14 28 53	8°58'18	7 m 35	14° 4	15°47	7°21	22°11	22°36	18°38	24°46	25°17	10°R 1	8°45	19° 9	14°20	S 29
M30	14 32 49	9 8 56'37	22 m 0	15 Y 29	17 Y 0	7 m ,29	22 る 13	22 Ⅱ 42	18) (41	24⋒46	25 Y 18	10 m) 0	8 m 42	19 Y 16	149524	M30

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	decl	decl lat	decl lat	decl lat	ecl lat	decl	lat	decl	lat	decl	lat	decl l	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n34	10n50 1s10	1 s44 0n56	8s17 1s10 11	36 3n2	21 s52	0n 3	21n55	1s 9	5 s42	0 s44	13n33	0n26	6s 6	16 s46	7n14	7n44	3n31	15n59	6 s49
M 2	4 57	6 42 0n10	2 4 0 40	7 50 1 11 11	38 3 13	3 21 51	0 3	21 55	1 9	5 41	0 44	13 34	0 26	6 5	16 46	7 14	7 45	3 33	16 0	6 49
T 3	5 20	2 3 1 31	2 21 0 25	7 24 1 13 11	40 3 10	5 21 50	0 3	21 56	1 8	5 39	0 44	13 34	0 26	6 5	16 46	7 14	7 46	3 35	16 0	6 48
W 4	5 43	2 s48 2 46	2 35 0 10	6 57 1 15 11	41 3 13	21 50	0 3	21 56	1 8	5 38	0 44	13 35	0 26	6 4	16 46	7 15	7 47	3 37	16 1	6 47
T 5	6 5	7 28 3 50	2 47 0s 4	6 31 1 17 11	43 3 1	21 49	0 3	21 57	1 8	5 37	0 44	13 35	0 26	6 4	16 46	7 17	7 49	3 39	16 1	6 47
F 6	6 28	11 37 4 37	2 57 0 18	6 4 1 18 11	44 3	3 21 48	0 2	21 57	1 8	5 36	0 44	13 35	0 26	6 3	16 46	7 19	7 50	3 41	16 1	6 46
S 7	6 51	14 57 5 4	3 3 0 32	5 36 1 20 11	44 3 3	21 47	0 2	21 58	1 8	5 35	0 44	13 35	0 26	6 3	16 46	7 21	7 51	3 42	16 2	6 46
S 8	7 13	17 14 5 11	3 8 0 45	5 9 1 22 11	45 3 3	21 46	0 2	21 58	1 7	5 33	0 44	13 36	0 26	6 2	16 46	7 23	7 52	3 44	16 2	6 45
M 9	7 36	18 25 4 59	3 10 0 57	4 42 1 23 11	45 3 (21 46	0 2	21 59	1 7	5 32	0 45	13 36	0 26	6 1	16 46	7 24	7 53	3 46	16 3	6 45
T 10	7 58	18 29 4 31	3 9 1 8	4 14 1 24 11	45 2 5	3 21 45	0 2	21 59	1 7	5 31	0 45	13 36	0 26	6 1	16 46	7 25	7 55	3 48	16 3	6 44
W11	8 20	17 33 3 49	3 6 1 19	3 46 1 26 11	44 2 5	21 44	0 2	22 0	1 7	5 30	0 45	13 37	0 26	6 0	16 46	7 25	7 56	3 50	16 3	6 43
T 12	8 42	15 45 2 56	3 1 1 30	3 18 1 27 11	43 2 5	3 21 44	0 2	22 0	1 7	5 29	0 45	13 37	0 26	6 0	16 46	7 25	7 57	3 52	16 4	6 43
F 13	9 4	13 15 1 57	2 54 1 39	2 50 1 28 11	42 2 50	21 43	0 2	22 1	1 6	5 28	0 45	13 37	0 26	5 59	16 46	7 24	7 58	3 54	16 4	6 42
S 14	9 25	10 13 0 54	2 45 1 48	2 22 1 29 11	41 2 4	7 21 42	0 2	22 2	1 6	5 26	0 45	13 37	0 26	5 59	16 46	7 23	7 59	3 56	16 4	6 42
S 15	9 47	6 48 0s11	2 33 1 57	1 54 1 30 11	39 2 43	21 42	0 1	22 2	1 6	5 25	0 45	13 37	0 26	5 58	16 46	7 23	8 0	3 58	16 5	6 41
M16	10 8	3 8 1 14	2 20 2 5	1 26 1 31 11	37 2 42	2 21 41	0 1	22 3	1 6	5 24	0 45	13 38	0 26	5 58	16 46	7 24	8 2	3 59	16 5	6 41
T 17	10 30	0n38 2 14	2 5 2 12	0 57 1 32 11	35 2 40	21 41	0 1	22 3	1 6	5 23	0 45	13 38	0 26	5 57	16 46	7 25	8 3	4 1	16 5	6 40
W18	10 51	4 22 3 8	1 48 2 18	0 29 1 33 11	33 2 3	7 21 40	0 1	22 4	1 6	5 22	0 45	13 38	0 26	5 57	16 46	7 27	8 4	4 3	16 5	6 40
T 19	11 11	7 57 3 54	1 30 2 24	0 0 1 33 11	30 2 3	21 40	0 1	22 4	1 5	5 21	0 45	13 38	0 26	5 56	16 46	7 30	8 5	4 5	16 6	6 39
F 20	11 32	11 14 4 30	1 10 2 29	0n28 1 34 11	27 2 33	2 21 39	0 1	22 5	1 5	5 20	0 45	13 38	0 26	5 56	16 46	7 33	8 6	4 7	16 6	6 39
S 21	11 53	14 5 4 54	0 48 2 34	0 57 1 34 11	24 2 30	21 39	0 1	22 5	1 5	5 19	0 45	13 39	0 26	5 56	16 46	7 37	8 8	4 9	16 6	6 38
S 22	12 13	16 21 5 6	0 25 2 38	1 25 1 35 11	20 2 2	21 38	0 1	22 6	1 5	5 18	0 45	13 39	0 26	5 55	16 46	7 41	8 9	4 11	16 6	6 37
M23	12 33	17 55 5 3	0n 0 2 41	1 54 1 35 11	17 2 2:	21 38	0 1	22 6	1 5	5 17	0 45	13 39	0 26	5 55	16 46	7 44	8 10	4 13	16 7	6 37
T 24	12 53	18 39 4 46	0 26 2 44	2 22 1 36 11	13 2 22	2 21 37	0 0	22 7	1 5	5 16	0 45	13 39	0 26	5 54	16 46	7 46	8 11	4 15	16 7	6 36
W25	13 12	18 29 4 15	0 54 2 46	2 50 1 36 11	8 2 20	21 37	0 0	22 7	1 4	5 15	0 45	13 39	0 26	5 54	16 46	7 48	8 12	4 16	16 7	6 36
T 26	13 32	17 21 3 31	1 23 2 48	3 19 1 36 11	4 2 1	21 37	0 0	22 8	1 4	5 14	0 45	13 39	0 26	5 53	16 46	7 49	8 14	4 18	16 7	6 35
F 27	13 51	15 16 2 34	1 53 2 49	3 47 1 36 10		21 37		22 8	1 4	5 13	0 45	13 39	0 26	5 53	16 46	7 49	8 15	4 20	16 7	6 35
S 28	14 10	12 17 1 27	2 24 2 49	4 15 1 36 10		21 36		22 9	1 4	5 12	0 45	13 39	0 25	5 52	16 46	7 49	8 16	4 22	16 7	6 34
S 29	14 29	8 31 0 13	2 57 2 49	4 44 1 36 10	49 2 10	21 36	0 0	22 9	1 4	5 11	0 45	13 39	0 25	5 52	16 46	7 49	8 17	4 24	16 7	6 34
M30		4n 9 1n 4				21 s36		22n10		-		13n40	0n25		16 s46		8n18		16n 8	

 $\label{eq:Julian Day Number = 2484872.5, Delta\ T = 89.29\ sec} \\ Ecliptic\ obliquity = 23°25'31, Nutation = -0°00'06, out-of-bounds\ declination\ in\ red\ Ayanamsha:\ Fagan/Bradley = 26°00'55, Lahiri = 25°07'55 \\$

MAY 2091 00:00 UT

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T 1	14 36 46	10854'54	6 <u>₽</u> 48	16 Y 57	18 Y 14	7 m 38	22 궁 15	22 II 49	18) (43	24°R46	25 Y 20	9°R58	8 m 38	19 Y 22	149528	T 1
W 2	14 40 42	11°53'09	21°51	18°27	19°27	7°48	22°16	22°55	18°45	24 \O 46	25°21	9 m 53	8°35	19°29	14°31	W 2
T 3	14 44 39	12°51'22	7 ™ 3	19°58	20°40	7°58	22°18	23° 2	18°48	24°46	25°22	9°45	8°32	19°36	14°35	T 3
F 4	14 48 35	13°49'33	22°13	21°32	21°53	8° 9	22°19	23° 8	18°50	24°46	25°24	9°36	8°29	19°42	14°39	F 4
S 5	14 52 32	14°47'43	7 √ 11	23° 7	23° 7	8°20	22°20	23°15	18°52	24°D46	25°25	9°27	8°26	19°49	14°43	S 5
S 6	14 56 28	15°45'51	21°47	24°45	24°20	8°32	22°21	23°22	18°55	24°46	25°26	9°18	8°22	19°56	14°47	S 6
M 7	15 0 25	16°43'57	5 궁 56	26°24	25°33	8°44	22°21	23°28	18°57	24°46	25°28	9°10	8°19	20° 2	14°52	M 7
T 8	15 4 22	17°42'03	19°35	28° 5	26°47	8°57	22°22	23°35	18°59	24°46	25°29	9° 5	8°16	20° 9	14°56	T 8
W 9	15 8 18	18°40'06	2≈45	29°48	28° 0	9°11	22°22	23°42	19° 1	24°46	25°30	9° 1	8°13	20°16	15° 0	W 9
T 10	15 12 15	19°38'09	15°30	1833	29°13	9°25	22°R22	23°49	19° 3	24°46	25°32	9°D 0	8°10	20°22	15° 5	T 10
F 11	15 16 11	20°36'10	27°52	3°20	0826	9°39	22°22	23°56	19° 5	24°46	25°33	9° 0	8° 7	20°29	15° 9	F 11
S 12	15 20 8	21°34'09	9 ∺ 59	5° 9	1°40	9°54	22°21	24° 3	19° 7	24°46	25°34	9°R 1	8° 3	20°36	15°13	S 12
S 13	15 24 4	22°32'08	21°54	6°59	2°53	10°10	22°21	24°10	19° 9	24°47	25°35	9° 0	8° 0	20°42	15°18	S 13
M14	15 28 1	23°30'05	3 Υ 43	8°52	4° 6	10°26	22°20	24°17	19°11	24°47	25°37	8°57	7°57	20°49	15°23	M14
T 15	15 31 57	24°28'00	15°31	10°47	5°20	10°42	22°19	24°24	19°13	24°47	25°38	8°52	7°54	20°56	15°27	T 15
W16	15 35 54	25°25'54	27°20	12°43	6°33	10°59	22°18	24°31	19°15	24°47	25°39	8°44	7°51	21° 2	15°32	W16
T 17	15 39 51	26°23'47	9 8 14	14°42	7°46	11°16	22°17	24°39	19°17	24°48	25°40	8°34	7°47	21° 9	15°37	T 17
F 18	15 43 47	27°21'39	21°15	16°42	9° 0	11°34	22°15	24°46	19°18	24°48	25°42	8°21	7°44	21°16	15°42	F 18
S 19	15 47 44	28°19'29	3 Ⅱ 25	18°44	10°13	11°52	22°14	24°53	19°20	24°49	25°43	8° 8	7°41	21°23	15°47	S 19
S 20	15 51 40	29°17'18	15°43	20°47	11°26	12°11	22°12	25° 0	19°22	24°49	25°44	7°55	7°38	21°29	15°51	S 20
M21	15 55 37	0 Ⅲ 15′05	28°11	22°52	12°40	12°30	22°10	25° 8	19°23	24°50	25°45	7°43	7°35	21°36	15°56	M21
T 22	15 59 33	1°12'51	10950	24°59	13°53	12°49	22° 7	25°15	19°25	24°50	25°47	7°33	7°32	21°43	16° 2	T 22
W23	16 3 30	2°10'35	23°41	27° 7	15° 6	13° 9	22° 5	25°22	19°27	24°51	25°48	7°26	7°28	21°49	16° 7	W23
T 24	16 7 26	3° 8'18	6 Ω 44	29°17	16°20	13°29	22° 2	25°30	19°28	24°51	25°49	7°22	7°25	21°56	16°12	T 24
F 25	16 11 23	4° 5'59	20° 2	1 Ⅱ 27	17°33	13°50	22° 0	25°37	19°30	24°52	25°50	7°20	7°22	22° 3	16°17	F 25
S 26	16 15 20	5° 3'39	3 m 36	3°38	18°46	14°11	21°57	25°45	19°31	24°53	25°51	7°19	7°19	22° 9	16°22	S 26
S 27	16 19 16	6° 1'17	17°29	5°49	20° 0	14°32	21°53	25°52	19°32	24°53	25°52	7°19	7°16	22°16	16°28	S 27
M28	16 23 13	6°58'53	1 ≏ 41	8° 1	21°13	14°54	21°50	26° 0	19°34	24°54	25°53	7°18	7°13	22°23	16°33	M28
T 29	16 27 9	7°56'28	16°11	10°13	22°26	15°16	21°47	26° 7	19°35	24°55	25°55	7°15	7° 9	22°29	16°38	T 29
W30	16 31 6	8°54'02	0 M .55	12°25	23°40	15°38	21°43	26°15	19°36	24°56	25°56	7° 9	7° 6	22°36	16°44	W30
T 31	16 35 2	9 Ⅲ 51'34	15 M .48	14∏36	24 8 53	16 M) 1	21 궁 39	26Ⅲ23	19 米 37	24 Q 56	25 Ƴ 57	7 m) 1	7 m y 3	22 Y 43	169549	T 31

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T 1 W 2	15n 6 15 24	0s35 2n18 5 21 3 24	4n 5 2s47 4 41 2 45	5 6 8 1 36 10	33 2 3	-	1 22 11 1 3	5 8 0 45	13 40 0 25	5 s 5 1 1 6 s 4 6 5 5 1 1 6 4 7	7 52	8n20 8 21	4n28 4 30	16 8 6 32
T 3 F 4 S 5		9 49 4 16 13 38 4 50 16 31 5 3	5 55 2 40	0 7 3 1 35 10	21 1 59	21 35 0	1 22 11 1 3 1 22 12 1 3 1 22 12 1 3	5 6 0 45		5 50 16 47 5 50 16 47 5 50 16 47	7 58	8 22 8 23 8 24	4 32 4 33 4 35	16 8 6 32
S 6 M 7 T 8		18 14 4 56 18 46 4 31 18 11 3 51	7 53 2 28	8 8 25 1 33 10	2 1 52	21 35 0	1 22 13 1 3 1 22 13 1 3 1 22 14 1 2	5 4 0 45	13 40 0 25	5 49 16 47 5 49 16 47 5 49 16 47	8 8	8 25 8 27 8 28	4 37 4 39 4 41	
W 9 T 10 F 11 S 12	17 38	14 14 2 2 11 17 0 59		1 9 46 1 31 9 4 10 12 1 30 9	40 1 46 33 1 44	21 36 0 2 21 36 0	1 22 14 1 2 2 22 15 1 2 2 22 15 1 2 2 22 16 1 2	5 1 0 45 5 1 0 45	13 40 0 25 13 39 0 25	5 48 16 47 5 48 16 47 5 48 16 48 5 47 16 48	8 11 8 11	8 29 8 30 8 31 8 33	4 43 4 45 4 47 4 49	16 8 6 29 16 8 6 28
S 13 M14 T 15 W16 T 17 F 18 S 19	18 24 18 38 18 53 19 7 19 20 19 33	4 15 1 8 0 28 2 7 3n19 3 1 7 0 3 47 10 25 4 23 13 26 4 47	12 7 1 50 12 50 1 42 13 34 1 34 14 18 1 25 15 2 1 16 15 45 1 6	0 11 5 1 29 9 2 11 30 1 28 9 4 11 56 1 26 9 5 12 21 1 25 8 6 12 46 1 24 8 6 13 11 1 23 8	18	21 36 0 1 21 37 0 1 21 37 0 1 21 37 0 1 21 38 0 1 21 38 0 1	2 22 16 1 2 2 22 17 1 2 2 22 17 1 1 2 22 17 1 1 2 22 18 1 1 3 22 18 1 1	4 59 0 45 4 58 0 45 4 58 0 45 4 57 0 45 4 56 0 46 4 56 0 46	13 39 0 25 13 39 0 25	5 47 16 48 5 47 16 48 5 46 16 48 5 46 16 48 5 46 16 48 5 46 16 49	8 11 8 12 8 14 8 17 8 21 8 26	8 34 8 35 8 36 8 37 8 39 8 40	4 50 4 52 4 54 4 56 4 58 5 0	16 8 6 28 16 8 6 27 16 7 6 27 16 7 6 26 16 7 6 26 16 7 6 26
S 20 M21 T 22 W23 T 24 F 25 S 26	19 59 20 11	17 44 4 58 18 43 4 42 18 48 4 12 17 55 3 29 16 5 2 34	17 12 0 46 17 54 0 36 18 35 0 26 19 15 0 15 19 54 0 5 20 32 0n 6	6 13 59 1 20 8 6 14 23 1 19 8 6 14 46 1 17 8 5 15 9 1 16 7 5 15 32 1 14 7 6 15 54 1 13 7	19	21 39 0 21 39 0 21 40 0 21 41 0 21 41 0 4	3 22 19 1 1 3 22 19 1 1 3 22 19 1 1 3 22 20 1 1 3 22 20 1 0 3 22 21 1 0 4 22 21 1 0 4 22 21 1 0	4 54 0 46 4 54 0 46 4 53 0 46 4 53 0 46 4 52 0 46 4 52 0 46	13 38 0 25 13 38 0 25 13 38 0 25	5 45 16 49 5 45 16 49 5 45 16 49 5 45 16 50 5 44 16 50 5 44 16 50 5 44 16 50	8 36 8 40 8 44 8 47 8 48 8 49	8 41 8 42 8 43 8 44 8 46 8 47 8 48 8 49	5 5 5 7	16 7 6 25 16 6 6 25 16 6 6 24 16 6 6 24 16 6 6 23 16 6 6 23
T 29 W30	21 18 21 28 21 37 21 46 21n55	1 15 2 5 3 s 26 3 10 7 59 4 3	21 42 0 27 22 14 0 37 22 44 0 47 23 12 0 56 23n37 1n 5	7 16 58 1 7 7 7 17 19 1 6 6 6 17 39 1 4 6	3 1 12 53 1 11 43 1 9	21 43 0 4 21 44 0 4 21 45 0	4 22 22 1 0 4 22 22 1 0 4 22 22 1 0 4 22 22 1 0 4 22 23 1 0 4 22 23 1 s 0	4 50 0 46 4 50 0 46 4 49 0 46	13 37 0 25 13 37 0 25 13 37 0 25 13 36 0 25 13n36 0n25	5 44 16 50 5 43 16 51 5 43 16 51 5 43 16 51 5 s43 16 s51	8 49 8 51 8 53	8 50 8 52 8 53 8 54 8n55	5 17 5 19 5 21 5 22 5n24	16 5 6 22 16 4 6 22 16 4 6 22

Julian Day Number = 2484902.5, Delta T = 89.32 sec Ecliptic obliquity = $23^{\circ}25'30$, Nutation = - $0^{\circ}00'08$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}00'59$, Lahiri = $25^{\circ}07'59$

JUNE 2091 00:00 UT

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Day	Sid.t	0	D	ğ	φ	♂	4	ħ)Å(并	В	r	v	Ç	Ŗ	Day
F 1	16 38 59	10 Ⅱ 49′05	0 х 42	16 Ⅱ 46	26 8 6	16 m 24	21°R35	26耳30	19) 38	24 Q 57	25 Y 58	6°R50	7 Mg 0	22 Y 49	16955	F 1
S 2	16 42 55	11°46'35	15°28	18°55	27°20	16°47	21 중 31	26°38	19°40	24°58	25°59	6 m 39	6°57	22°56	17° 0	S 2
S 3	16 46 52	12°44'04	29°58	21° 3	28°33	17°11	21°27	26°46	19°41	24°59	26° 0	6°28	6°53	23° 3	17° 6	S 3
M 4	16 50 49	13°41'32	14중 4	23°10	29°46	17°35	21°22	26°53	19°42	25° 0	26° 1	6°19	6°50	23° 9	17°12	M 4
T 5	16 54 45	14°38'59	27°44	25°14	1 I I 0	17°59	21°18	27° 1	19°43	25° 1	26° 2	6°12	6°47	23°16	17°17	T 5
W 6	16 58 42	15°36'26	10≈57	27°17	2°13	18°24	21°13	27° 9	19°43	25° 2	26° 3	6° 8	6°44	23°23	17°23	W 6
T 7	17 2 38	16°33'51	23°44	29°18	3°27	18°49	21° 8	27°16	19°44	25° 3	26° 4	6° 6	6°41	23°30	17°29	T 7
F 8	17 6 35	17°31'16	6 ∺ 9	19916	4°40	19°14	21° 3	27°24	19°45	25° 4	26° 5	6°D 6	6°38	23°36	17°35	F 8
S 9	17 10 31	18°28'40	18°18	3°13	5°53	19°39	20°57	27°32	19°46	25° 5	26° 6	6°R 6	6°34	23°43	17°40	S 9
S 10	17 14 28	19°26'04	0 Υ 15	5° 7	7° 7	20° 5	20°52	27°40	19°47	25° 6	26° 7	6° 5	6°31	23°50	17°46	S 10
M11	17 18 24	20°23'27	12° 5	6°59	8°20	20°31	20°47	27°47	19°47	25° 7	26° 8	6° 3	6°28	23°56	17°52	M11
T 12	17 22 21	21°20'50	23°54	8°48	9°34	20°57	20°41	27°55	19°48	25° 8	26° 8	5°59	6°25	24° 3	17°58	T 12
W13	17 26 18	22°18'12	5 8 47	10°35	10°47	21°23	20°35	28° 3	19°48	25°10	26° 9	5°52	6°22	24°10	18° 4	W13
T 14	17 30 14	23°15'33	17°46	12°19	12° 1	21°50	20°29	28°11	19°49	25°11	26°10	5°43	6°19	24°16	18°10	T 14
F 15	17 34 11	24°12'54	29°55	14° 1	13°14	22°17	20°23	28°18	19°49	25°12	26°11	5°32	6°15	24°23	18°16	F 15
S 16	17 38 7	25°10'15	12 Ⅱ 16	15°40	14°28	22°44	20°17	28°26	19°50	25°13	26°12	5°20	6°12	24°30	18°22	S 16
S 17	17 42 4	26° 7'35	24°48	17°16	15°41	23°12	20°11	28°34	19°50	25°15	26°13	5° 8	6° 9	24°36	18°28	S 17
M18	17 46 0	27° 4'54	7934	18°50	16°54	23°40	20° 4	28°42	19°51	25°16	26°13	4°57	6° 6	24°43	18°35	M18
T 19	17 49 57	28° 2'13	20°31	20°22	18° 8	24° 8	19°58	28°50	19°51	25°17	26°14	4°48	6° 3	24°50	18°41	T 19
W20	17 53 54	28°59'31	3 Ω 40	21°51	19°21	24°36	19°51	28°58	19°51	25°19	26°15	4°42	5°59	24°56	18°47	W20
T 21	17 57 50	29°56'48	17° 1	23°17	20°35	25° 4	19°44	29° 5	19°51	25°20	26°16	4°38	5°56	25° 3	18°53	T 21
F 22	18 1 47	0954'05	0 Mp 32	24°41	21°48	25°33	19°37	29°13	19°51	25°22	26°16	4°D37	5°53	25°10	18°59	F 22
S 23	18 5 43	1°51'21	14°15	26° 1	23° 2	26° 2	19°30	29°21	19°51	25°23	26°17	4°37	5°50	25°17	19° 6	S 23
S 24	18 9 40	2°48'36	28° 9	27°20	24°16	26°31	19°23	29°29	19°R52	25°25	26°18	4°R38	5°47	25°23	19°12	S 24
M25	18 13 36	3°45'50	12 ≏ 15	28°35	25°29	27° 0	19°16	29°37	19°51	25°26	26°18	4°38	5°44	25°30	19°18	M25
T 26	18 17 33	4°43'04	26°31	29°47	26°43	27°30	19° 9	29°44	19°51	25°28	26°19	4°36	5°40	25°37	19°24	T 26
W27	18 21 29	5°40'17	10 M .56	0 Ω 57	27°56	28° 0	19° 2	29°52	19°51	25°29	26°20	4°32	5°37	25°43	19°31	W27
T 28	18 25 26	6°37'30	25°26	2° 4	29°10	28°30	18°55	0 ෙ 0	19°51	25°31	26°20	4°25	5°34	25°50	19°37	T 28
F 29	18 29 23	7°34'42	9 ₹ 55	3° 7	0ഇ23	29° 0	1 <u>8</u> °47	0° 8	19°51	25°32	26°21	4°18	5°31	25°57	19°43	F 29
S 30	18 33 19	8931'54	24 × 17	4 N 8	19537	29 m 30	18 る 40	09୍ତୀ 6	19 米 51	25 Ω 34	26 Y 21	4Mp 9	5 m 28	26 Y 3	199550	S 30

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F 1 S 2	22n 3 22 11			23n59 24 19	1n14 1 22	-	1s 0 0 58	6n22 6 12		21 s46 21 47		22n23 22 24	0s59 0 59	4 s48 4 48			0n25 0 25	5 s43 5 43		9n 0 9 4	8n56 8 57	5n26 5 28	16n 3 16 3	6 s21 6 21
S 3 M 4 T 5	22 19 22 26 22 33	18 44 17 32	3 59 3 8	-	1 29 1 36 1 42	19 13 19 30	0 56 0 54 0 52	6 1 5 50 5 39	1 1 0 59	21 48 21 49 21 50	0 5 0 5 0 5	22 24 22 24	0 59 0 59 0 59	4 48 4 47 4 47	0 46 0 46	13 35 13 34	0 25 0 25 0 25	5 42 5 42 5 42	16 52 16 52	9 8 9 11 9 14	8 59 9 0 9 1	5 34	16 2 16 2	6 20 6 20 6 20
W 6 T 7 F 8 S 9	22 39 22 45 22 50 22 56	12 35 9 15	1 5 0s 0	25 11 25 17 25 21 25 22	1 47 1 52 1 56 1 59		0 50 0 48 0 45 0 43	5 28 5 17 5 6 4 55	0 56 0 55	21 50 21 51 21 52 21 53	0 5 0 5 0 6 0 6	22 25 22 25	0 59 0 59 0 59 0 59	4 47 4 46 4 46 4 46	0 46	13 34 13 33	0 25 0 25 0 25 0 25	5 42	16 53 16 53 16 53 16 53	9 15 9 16 9 16 9 16	9 2 9 3 9 4 9 6	5 36 5 37 5 39 5 41	16 1 16 1 16 0 16 0	6 20 6 19 6 19 6 19
S 10 M11 T 12 W13 T 14 F 15 S 16	23 0 23 5 23 9 23 12 23 15 23 18 23 20	9 19 12 31 15 14	2 59 3 45 4 22 4 47 5 0		2 1 2 3 2 3 2 3 2 3 2 1 1 59	21 3 21 16 21 29 21 41 21 53	0 41 0 39 0 36 0 34 0 32 0 29 0 27	4 43 4 32 4 20 4 8 3 56 3 44 3 32	0 50 0 49 0 47 0 46	21 54 21 55 21 56 21 57 21 58 21 59 22 0	0 6 0 6 0 6 0 7 0 7 0 7	22 26 22 26 22 26 22 26 22 27 22 27	0 59 0 58 0 58 0 58 0 58 0 58 0 58	4 45 4 45 4 45 4 45 4 45 4 44	0 46 0 46 0 47 0 47 0 47	13 32 13 32 13 31	0 25 0 25 0 25 0 25 0 25 0 25 0 25 0 25	5 42 5 42 5 42 5 42 5 42 5 42 5 42	16 54 16 54 16 55 16 55 16 55	9 16 9 17 9 19 9 21 9 24 9 29 9 33	9 7 9 8 9 9 9 10 9 11 9 13 9 14	5 45 5 47 5 49 5 51 5 53	15 59 15 59 15 58 15 58 15 57 15 56 15 56	6 19 6 18 6 18 6 18 6 18 6 18
S 17 M18 T 19 W20 T 21 F 22 S 23		16 47 14 16 10 56	4 15 3 32 2 37 1 32 0 22	24 14 23 57 23 40 23 21 23 1 22 40 22 19	1 56 1 52 1 48 1 43 1 38 1 31 1 24	22 34 22 42 22 50 22 58	0 25 0 22 0 20 0 18 0 15 0 13 0 10	3 20 3 8 2 56 2 43 2 31 2 18 2 6	0 42 0 40 0 39 0 38 0 36 0 35 0 34	22 1 22 3 22 4 22 5 22 6 22 7	0 7 0 7 0 7 0 7 0 8 0 8	22 27 22 27 22 27 22 28 22 28 22 28 22 28	0 58 0 58 0 58 0 58 0 58 0 58 0 57	4 44 4 44 4 44 4 44 4 44 4 44	0 47 0 47 0 47 0 47 0 47	13 29 13 28 13 28	0 25 0 25 0 25 0 25 0 25 0 25 0 25 0 25	5 42 5 42	16 56 16 56 16 57 16 57 16 57	9 37 9 41 9 45 9 47 9 48 9 49 9 49	9 15 9 16 9 17 9 19 9 20 9 21 9 22	5 56 5 58 6 0 6 2 6 4	15 55 15 55 15 54 15 53 15 53 15 52	6 17 6 17 6 17 6 17 6 17 6 16 6 16
S 24 M25 T 26 W27 T 28 F 29 S 30	23 24 23 22 23 20 23 18 23 16 23 12 23n 9	1 s58 6 29 10 40 14 14 16 55	3 7 4 1 4 40 5 1 5 4	21 56 21 33 21 10 20 45 20 21 19 56 19n32	1 9 1 0 0 51 0 41 0 30	23 20 23 24 23 27	0 8 0 6 0 3 0 1 0n 2 0 4 0n 6	1 53 1 40 1 27 1 14 1 1 0 48 0n35	0 29 0 27 0 26	22 11 22 12 22 13	0 8 0 8 0 8 0 9 0 9 0s 9	22 28 22 28 22 28 22 28 22 28	0 57 0 57 0 57 0 57 0 57 0 57 0 57	4 44 4 44 4 44 4 44 4 44 4 845	0 47 0 47 0 47 0 47 0 47	13 26 13 26 13 25 13 25 13 24 13 24 13n23	0 25 0 25 0 25 0 25 0 25 0 25 0 25 0n25	5 42 5 42	16 58 16 59 16 59 16 59 16 59	9 48 9 48 9 49 9 51 9 53 9 56 9n59	9 23 9 24 9 26 9 27 9 28 9 29 9n30	6 11 6 13 6 15 6 17 6 19	15 51 15 50 15 49 15 48 15 48 15 47 15n46	6 16 6 16 6 16 6 16 6 16 6 16 6 16

 $\label{eq:Julian Day Number = 2484933.5, Delta\ T = 89.36\ sec} \\ Ecliptic\ obliquity = 23°25'30, Nutation = -0°00'08, out-of-bounds\ declination\ in\ red\ Ayanamsha:\ Fagan/Bradley = 26°01'03, Lahiri = 25°08'03 \\$

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S 1	18 37 16	9929'05	8 국 26	5 Ω 5	2950	0 亚 0	18°R32	09523	19°R50	25 Ω 36	26 Y 22	4°R 0	5 m 25	26 Υ 10	199556	S 1
M 2	18 41 12	10°26'17	22°18	5°59	4° 4	0°31	18 る 25	0°31	19 米 50	25°37	26°23	3 m 53	5°21	26°17	20° 3	M 2
T 3	18 45 9	11°23'28	5≈48	6°49	5°18	1° 2	18°17	0°39	19°50	25°39	26°23	3°48	5°18	26°23	20° 9	T 3
W 4	18 49 5	12°20'39	18°55	7°36	6°31	1°33	18°10	0°47	19°49	25°41	26°24	3°45	5°15	26°30	20°15	W 4
T 5	18 53 2	13°17'51	1) (40	8°19	7°45	2° 4	18° 2	0°54	19°49	25°42	26°24	3°D44	5°12	26°37	20°22	T 5
F 6	18 56 58	14°15'02	14° 6	8°59	8°59	2°36	17°54	1° 2	19°48	25°44	26°24	3°44	5° 9	26°44	20°28	F 6
S 7	19 0 55	15°12'14	26°16	9°34	10°12	3° 7	17°47	1°10	19°48	25°46	26°25	3°45	5° 5	26°50	20°35	S 7
S 8	19 4 52	16° 9'26	8 Y 15	10° 6	11°26	3°39	17°39	1°17	19°47	25°48	26°25	3°47	5° 2	26°57	20°41	S 8
M 9	19 8 48	17° 6'38	20° 7	10°33	12°40	4°11	17°31	1°25	19°46	25°49	26°26	3°R47	4°59	27° 4	20°48	M 9
T 10	19 12 45	18° 3'50	1 8 58	10°56	13°53	4°43	17°23	1°33	19°46	25°51	26°26	3°46	4°56	27°10	20°54	T 10
W11	19 16 41	19° 1'03	13°53	11°15	15° 7	5°15	17°16	1°40	19°45	25°53	26°26	3°43	4°53	27°17	21° 1	W11
T 12	19 20 38	19°58'17	25°57	11°29	16°21	5°48	17° 8	1°48	19°44	25°55	26°27	3°38	4°50	27°24	21° 7	T 12
F 13	19 24 34	20°55'31	8 I I1	11°38	17°35	6°21	17° 0	1°55	19°43	25°57	26°27	3°32	4°46	27°30	21°14	F 13
S 14	19 28 31	21°52'45	20°41	11°R43	18°48	6°53	16°53	2° 3	19°42	25°59	26°27	3°25	4°43	27°37	21°20	S 14
S 15	19 32 27	22°50'00	3926	11°43	20° 2	7°26	16°45	2°10	19°41	26° 1	26°27	3°18	4°40	27°44	21°27	S 15
M16	19 36 24	23°47'15	16°28	11°38	21°16	7°59	16°37	2°18	19°40	26° 3	26°28	3°11	4°37	27°50	21°33	M16
T 17	19 40 21	24°44'30	29°46	11°29	22°30	8°33	16°30	2°25	19°39	26° 5	26°28	3° 6	4°34	27°57	21°40	T 17
W18	19 44 17	25°41'46	13 N 18	11°14	23°44	9° 6	16°22	2°33	19°38	26° 6	26°28	3° 3	4°31	28° 4	21°46	W18
T 19	19 48 14	26°39'02	27° 2	10°55	24°57	9°40	16°15	2°40	19°37	26° 8	26°28	3°D 1	4°27	28°11	21°53	T 19
F 20	19 52 10	27°36'18	10 m 56	10°32	26°11	10°13	16° 7	2°47	19°36	26°10	26°28	3° 2	4°24	28°17	21°59	F 20
S 21	19 56 7	28°33'34	24°58	10° 4	27°25	10°47	16° 0	2°55	19°35	26°12	26°29	3° 3	4°21	28°24	22° 6	S 21
S 22	20 0 3	29°30'51	9 ₾ 5	9°33	28°39	11°21	15°53	3° 2	19°33	26°14	26°29	3° 4	4°18	28°31	22°12	S 22
M23	20 4 0	0 Ω 28'08	23°16	8°58	29°53	11°55	15°45	3° 9	19°32	26°17	26°29	3° 5	4°15	28°37	22°19	M23
T 24	20 7 56	1°25'25	7 ™ 28	8°21	1 0 7	12°30	15°38	3°17	19°31	26°19	26°29	3°R 5	4°11	28°44	22°25	T 24
W25	20 11 53	2°22'42	21°40	7°41	2°21	13° 4	15°31	3°24	19°29	26°21	26°29	3° 4	4° 8	28°51	22°32	W25
T 26	20 15 50	3°20'00	5 ₹ 50	6°59	3°35	13°39	15°24	3°31	19°28	26°23	26°29	3° 1	4° 5	28°57	22°38	T 26
F 27	20 19 46	4°17'18	19°53	6°16	4°48	14°13	15°17	3°38	19°27	26°25	26°R29	2°58	4° 2	29° 4	22°44	F 27
S 28	20 23 43	5°14'36	3 る 48	5°33	6° 2	14°48	15°10	3°45	19°25	26°27	26°29	2°54	3°59	29°11	22°51	S 28
S 29	20 27 39	6°11'55	17°31	4°51	7°16	15°23	15° 3	3°52	19°24	26°29	26°29	2°50	3°56	29°18	22°57	S 29
M30	20 31 36	7° 9'15	0≈59	4° 9	8°30	15°58	14°57	3°59	19°22	26°31	26°29	2°46	3°52	29°24	23° 4	M30
T 31	20 35 32	8 N 6'35	14≈10	3 Ω 30	9 Ω 44	16 ≏ 34	14 궁 50	495 6	19 ∺ 20	$26\Omega 33$	26 Y 29	2 Mp 44	3 m 49	29 Y 31	239510	T 31

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	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl de	el decl	decl lat
S 1 M 2 T 3	23n 5 23 1 22 56	18 s 58 4 n 1 2 18 14 3 24 16 29 2 24	18 42 0s	n 8 23n33	0 8 0 23	22 s18 0 s 9 22 19 0 9 22 20 0 9	22 29 0 57	4 s45 0 s47 4 45 0 47 4 45 0 47	13 22 0 25	5 s 4 3 17 s 0 5 4 3 17 0 5 4 3 17 1	10n 2 9n3 10 5 9 3 10 7 9 3	6 24	15n45 6s16 15 44 6 15 15 43 6 15
W 4 T 5 F 6 S 7	22 51 22 46 22 40 22 34	13 54 1 19 10 42 0 11 7 7 0s56 3 18 1 59	17 29 0 17 6 0	42 23 30 0 18 56 23 28 0 21	0 32 0 19 0 45 0 18	22 22 0 10 22 23 0 10	22 29 0 57 22 29 0 57 22 29 0 57 22 29 0 57	4 45 0 47 4 45 0 47 4 46 0 47 4 46 0 47	13 20 0 25 13 20 0 25	5 43 17 1 5 43 17 2	10 8 9 1 10 8 9 1 10 8 9 1 10 7 9 1	36 6 30 37 6 32	15 43 6 15 15 42 6 15 15 41 6 15 15 40 6 15
S 8 M 9 T 10 W11 T 12 F 13	22 27 22 20 22 12 22 5 21 56	0n35 2 55 4 24 3 44 8 2 4 23 11 22 4 51 14 16 5 6 16 35 5 8	16 21 1 16 0 1 15 40 1 15 20 2 15 2 2 14 45 2	24 23 21 0 25 39 23 17 0 27 53 23 12 0 30 8 23 6 0 32 23 22 59 0 34 38 22 52 0 36	1 13 0 16 1 26 0 15 1 40 0 14 1 54 0 12 2 8 0 11 2 22 0 10	22 26 0 10 22 27 0 10 22 28 0 10 22 29 0 10 22 30 0 11 22 31 0 11	22 29 0 56 22 28 0 56 22 28 0 56	4 46 0 47 4 47 0 48 4 47 0 48 4 47 0 48 4 48 0 48 4 48 0 48	13 19 0 25 13 18 0 25 13 17 0 25 13 17 0 25 13 16 0 25	5 44 17 3 5 44 17 3 5 44 17 3 5 44 17 4 5 44 17 4 5 45 17 4	10 7 9 4 10 7 9 4 10 7 9 4 10 8 9 4 10 10 9 4 10 12 9 4 10 15 9 4	39 6 36 41 6 38 42 6 39 43 6 41 44 6 43 45 6 45	15 39 6 15 15 38 6 15 15 37 6 15 15 36 6 15 15 35 6 15 15 34 6 15 15 33 6 15
S 15 M16 T 17 W18 T 19 F 20 S 21	21 30 21 20 21 10 20 59	18 55 4 28 18 40 3 46 17 24 2 51 15 8 1 45 11 59 0 33	14 16 3 14 4 3 13 53 3 13 44 3 13 38 4 13 33 4	7 22 36 0 40 21 22 27 0 43 35 22 17 0 45 48 22 6 0 47	2 49 0 8 3 3 0 7 3 18 0 6 3 32 0 5 3 46 0 4 4 0 0 3	22 33 0 11 22 35 0 11 22 36 0 11 22 37 0 11 22 38 0 12 22 39 0 12	22 28 0 56 22 28 0 56	4 49 0 48 4 49 0 48 4 50 0 48 4 50 0 48 4 51 0 48 4 51 0 48	13 14 0 25 13 14 0 25 13 13 0 25 13 12 0 25	5 45 17 5 5 45 17 5 5 46 17 6 5 46 17 6 5 46 17 7	10 17 9 4 10 20 9 4 10 22 9 1 10 23 9 1	18 6 49 19 6 51 50 6 53 51 6 54 52 6 56 53 6 58	15 32 6 15 15 31 6 15 15 30 6 15 15 29 6 15 15 28 6 16 15 27 6 16 15 26 6 16
S 22 M23 T 24 W25 T 26 F 27 S 28		5 18 4 0 9 33 4 42 13 14 5 7 16 8 5 12 18 4 4 59 18 54 4 29	13 29 4 13 32 4 13 37 4 13 44 4 13 52 4 14 2 4	53 20 35 1 0 56 20 20 1 1 58 20 4 1 3 59 19 47 1 4	4 57 0s 1 5 11 0 2 5 25 0 3 5 40 0 4 5 54 0 5	22 42 0 12 22 43 0 12 22 44 0 12 22 45 0 12 22 45 0 13 22 46 0 13	22 28 0 56 22 27 0 56	4 53 0 48 4 53 0 48 4 54 0 48 4 54 0 48 4 55 0 48 4 55 0 48	13 8 0 25 13 8 0 25 13 7 0 25 13 6 0 25 13 5 0 25	5 47 17 8 5 48 17 8 5 48 17 8 5 48 17 9 5 49 17 9 5 49 17 9	10 22 9 1 10 22 9 1 10 23 10 10 25 10 10 26 10	57 7 4 58 7 6 59 7 7 0 7 9 1 7 11 3 7 13	15 25 6 16 15 24 6 16 15 23 6 16 15 21 6 16 15 20 6 16 15 19 6 16 15 18 6 16
S 29 M30 T 31	18 28	17 14 2 46	14 26 4	57 19 30 1 6 54 19 13 1 7 s49 18n54 1n 9	6 23 0 7	22 48 0 13	22 27 0 56 22 26 0 56 22n26 0 s55	4 57 0 48		5 49 17 10 5 50 17 10 5 s50 17 s11	10 29 10	5 7 17	15 17 6 17 15 16 6 17 15n15 6s17

Julian Day Number = 2484963.5, Delta T = 89.39 sec Ecliptic obliquity = $23^{\circ}25'30$, Nutation = - $0^{\circ}00'07$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}01'07$, Lahiri = $25^{\circ}08'08$

AUGUST 2091 00:00 UT

Day	Sid.t	\odot	D	φ	φ	♂	4	ħ)ұ(卉	Р	r	Ω	Ç	ę,	Day
W 1	20 39 29	9⋒ 3'56	27≈ 4	2°R53	10 Ω 58	17 ♀ 9	14°R44	49513	19°R19	26 Ω 35	26°R29	2°D43	3 Mp 46	29 Y 38	239516	W 1
T 2	20 43 25	10° 1'18	9)(41	$2\Omega 20$	12°12	17°44	14 る 37	4°20	19) 17	26°37	26 Y 28	2 Mp 43	3°43	29°44	23°23	T 2
F 3	20 47 22	10°58'41	22° 2	1°51	13°26	18°20	14°31	4°27	19°16	26°40	26°28	2°44	3°40	29°51	23°29	F 3
S 4	20 51 19	11°56'05	4Υ 10	1°27	14°40	18°56	14°25	4°33	19°14	26°42	26°28	2°46	3°37	29°58	23°35	S 4
S 5	20 55 15	12°53'30	16° 9	1° 8	15°54	19°32	14°19	4°40	19°12	26°44	26°28	2°47	3°33	0 8 4	23°42	S 5
M 6	20 59 12	13°50'56	28° 2	0°54	17° 8	20° 8	14°13	4°47	19°10	26°46	26°28	2°48	3°30	0°11	23°48	M 6
T 7	21 3 8	14°48'24	9 8 54	0°47	18°22	20°44	14° 8	4°54	19°8	26°48	26°28	2°R49	3°27	0°18	23°54	T 7
W 8	21 7 5	15°45'52	21°50	0°D46	19°36	21°20	14° 2	5° 0	19° 7	26°50	26°27	2°49	3°24	0°25	24° 1	W 8
T 9	21 11 1	16°43'22	3 Ⅱ 54	0°52	20°51	21°56	13°57	5° 7	19° 5	26°53	26°27	2°48	3°21	0°31	24° 7	T 9
F 10	21 14 58	17°40'54	16°10	1° 4	22° 5	22°33	13°51	5°13	19° 3	26°55	26°27	2°47	3°17	0°38	24°13	F 10
S 11	21 18 54	18°38'26	28°44	1°23	23°19	23°10	13°46	5°20	19° 1	26°57	26°26	2°45	3°14	0°45	24°19	S 11
S 12	21 22 51	19°36'00	11936	1°49	24°33	23°46	13°41	5°26	18°59	26°59	26°26	2°43	3°11	0°51	24°25	S 12
M13	21 26 48	20°33'36	24°49	2°22	25°47	24°23	13°36	5°32	18°57	27° 1	26°26	2°42	3° 8	0°58	24°31	M13
T 14	21 30 44	21°31'12	8 Ω 23	3° 2	27° 1	25° 0	13°32	5°39	18°55	27° 4	26°25	2°40	3° 5	1° 5	24°38	T 14
W15	21 34 41	22°28'50	22°16	3°49	28°15	25°37	13°27	5°45	18°53	27° 6	26°25	2°40	3° 2	1°11	24°44	W15
T 16	21 38 37	23°26'29	6 m 25	4°42	29°29	26°14	13°23	5°51	18°51	27° 8	26°25	2°D40	2°58	1°18	24°50	T 16
F 17	21 42 34	24°24'09	20°46	5°42	0 m 44	26°52	13°19	5°57	18°49	27°10	26°24	2°40	2°55	1°25	24°56	F 17
S 18	21 46 30	25°21'50	5 Ω 14	6°48	1°58	27°29	13°15	6° 3	18°46	27°13	26°24	2°41	2°52	1°32	25° 2	S 18
S 19	21 50 27	26°19'32	19°43	8° 0	3°12	28° 7	13°11	6° 9	18°44	27°15	26°23	2°41	2°49	1°38	25° 8	S 19
M20	21 54 23	27°17'15	4M 9	9°17	4°26	28°44	13° 7	6°15	18°42	27°17	26°23	2°42	2°46	1°45	25°14	M20
T 21	21 58 20	28°15'00	18°29	10°40	5°40	29°22	13° 4	6°21	18°40	27°19	26°22	2°42	2°42	1°52	25°19	T 21
W22	22 2 16	29°12'45	2 ₹ 38	12° 9	6°55	0 M 0	13° 0	6°26	18°38	27°21	26°22	2°R42	2°39	1°58	25°25	W22
T 23	22 6 13	0 Mp 10'32	16°36	13°42	8° 9	0°38	12°57	6°32	18°36	27°24	26°21	2°42	2°36	2° 5	25°31	T 23
F 24	22 10 10	1° 8'19	0 궁 21	15°19	9°23	1°16	12°54	6°38	18°33	27°26	26°21	2°42	2°33	2°12	25°37	F 24
S 25	22 14 6	2° 6'08	13°52	17° 1	10°37	1°54	12°51	6°43	18°31	27°28	26°20	2°42	2°30	2°18	25°43	S 25
S 26	22 18 3	3° 3'58	27° 9	18°45	11°51	2°33	12°49	6°49	18°29	27°30	26°19	2°D42	2°27	2°25	25°48	S 26
M27	22 21 59	4° 1'50	10≈12	20°33	13° 6	3°11	12°46	6°54	18°26	27°33	26°19	2°42	2°23	2°32	25°54	M27
T 28	22 25 56	4°59'42	23° 2	22°24	14°20	3°50	12°44	7° 0	18°24	27°35	26°18	2°42	2°20	2°39	25°59	T 28
W29	22 29 52	5°57'36	5 ₩ 38	24°16	15°34	4°28	12°42	7° 5	18°22	27°37	26°17	2°R42	2°17	2°45	26° 5	W29
T 30	22 33 49	6°55'32	18° 2	26°11	16°48	5° 7	12°40	7°10	18°20	27°39	26°17	2°42	2°14	2°52	26°11	T 30
F 31	22 37 45	7 m 53'29	0 Υ 15	28 N 6	18 m) 3	5 M .46	12 る 39	7 9 315	18 米 17	27 Ω 41	26 Y 16	2 m 41	2 Mp 11	2 8 59	26916	F 31

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W 1 T 2 F 3	17n59 17 43 17 28		14n55 4s43 15 10 4 34 15 26 4 23	4 18 16 1 12	7 6 0 9	22 51 0 13	22n26 0s55 22 26 0 55 22 26 0 55	4 59 0 48	13 2 0 25	5 51 17 11	10n30 10n 7 10 30 10 8 10 30 10 10	7n21 7 22 7 24	
S 4	17 12	0 52 2 45					22 25 0 55				10 30 10 10 10 10 10 29 10 11	7 26	
S 5 M 6 T 7			16 14 3 44 16 30 3 33	3 16 32 1 17	8 4 0 13 8 18 0 14	22 54 0 14 22 54 0 14	22 25 0 55 22 25 0 55 22 25 0 55	5 2 0 48 5 2 0 48	12 59 0 25 12 58 0 25	5 52 17 13 5 53 17 13	10 29 10 12 10 28 10 13 10 28 10 14	7 32	15 7 6 18 15 6 6 18
W 8 T 9 F 10 S 11	15 49 15 31	15 45 5 16 17 37 5 7	16 45 3 13 16 59 3 3 17 12 2 46 17 24 2 30	3 15 47 1 19 6 15 24 1 20	8 47 0 15 9 1 0 16	22 56 0 14 22 56 0 14	22 25 0 55 22 24 0 55 22 24 0 55 22 24 0 55	5 4 0 48 5 5 0 48	12 57 0 25 12 56 0 25	5 53 17 14 5 54 17 14	10 28 10 15 10 28 10 16 10 29 10 18 10 29 10 19	7 34 7 35 7 37 7 39	15 3 6 19 15 2 6 19
S 12 M13 T 14 W15 T 16	14 38 14 19	17 58 3 14	17 44 1 56 17 51 1 39 17 57 1 2	9 13 48 1 23 3 13 23 1 24	9 44 0 19 9 59 0 20	22 58 0 15 22 59 0 15 22 59 0 15		5 7 0 49 5 8 0 49 5 9 0 49		5 55 17 15 5 55 17 15 5 56 17 16	10 30 10 20 10 30 10 21 10 31 10 22 10 31 10 23 10 31 10 24	7 41 7 43 7 45 7 47 7 48	14 58 6 20 14 57 6 20 14 56 6 20
F 17 S 18	13 23 13 4	5 10 1 39 0 32 2 51	18 1 0 50 18 0 0 3	0 12 32 1 25 5 12 5 1 25	10 41 0 22 10 56 0 23	23 0 0 15 23 1 0 15	22 22 0 55 22 22 0 55	5 10 0 49 5 11 0 49	12 51 0 26 12 50 0 26	5 57 17 16 5 57 17 16	10 31 10 26 10 31 10 27	7 50 7 52	14 53 6 21 14 52 6 21
S 19 M20 T 21 W22	12 44 12 24 12 5 11 44	8 31 4 39 12 23 5 8	17 50 0 0 17 41 0n	6 11 12 1 25 8 10 45 1 26	11 10 0 24 11 24 0 24 11 38 0 25 11 52 0 26	23 2 0 15 23 2 0 15	22 22 0 55 22 22 0 55 22 21 0 55 22 21 0 55	5 13 0 49 5 14 0 49	12 49 0 26 12 49 0 26 12 48 0 26 12 47 0 26	5 58 17 17 5 59 17 17	10 31 10 28 10 30 10 29 10 30 10 30 10 30 10 31	7 54 7 56 7 58 8 0	14 49 6 22
T 23 F 24 S 25		17 39 5 8 18 44 4 41 18 44 3 59	17 14 0 33 16 56 0 44 16 36 0 53	4 9 22 1 26	12 6 0 27 12 20 0 27 12 34 0 28	23 3 0 16	22 21 0 55 22 21 0 55 22 20 0 55	5 16 0 49	12 46 0 26	6 0 17 18	10 30 10 32 10 30 10 34 10 31 10 35	8 3	14 45 6 23 14 44 6 23 14 42 6 23
S 26 M27 T 28 W29	9 40 9 19	15 43 2 2 13 0 0 53	15 47 1 12 15 18 1 20 14 47 1 20	2 7 57 1 25 0 7 28 1 25 6 6 59 1 25	13 29 0 31	23 5 0 16 23 5 0 16 23 5 0 16	22 20 0 55 22 20 0 55 22 19 0 55 22 19 0 55	5 19 0 49 5 20 0 49 5 21 0 49	12 44 0 26 12 43 0 26 12 43 0 26 12 42 0 26	6 1 17 19 6 2 17 19 6 2 17 20	10 31 10 36 10 30 10 37 10 30 10 38 10 30 10 39	8 9 8 11 8 12	14 37 6 25
T 30 F 31	8 58 8n36	6 1 1 24 2s 9 2s27	_		13 43 0 32 13 s57 0 s32		22 19 0 55 22n19 0 s55		12 41 0 26 12n40 0n26		10 30 10 40 10n31 10n42	8 14 8n16	

Julian Day Number = 2484994.5, Delta T = 89.43 sec Ecliptic obliquity = $23^{\circ}25'30$, Nutation = - $0^{\circ}00'06$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}01'11$, Lahiri = $25^{\circ}08'12$

SEPTEMBER 2091 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ð	4	ħ)∤(并	В	r	v	Ç	Ŗ	Day
S 1	22 41 42	8 m 51'28	12 Y 18	0 mg 3	19 m 17	6M25	12°R37	7920	18°R15	27 Ω 44	26°R15	2°R41	2 Mp 8	3 8 5	26921	S 1
S 2	22 45 39	9°49'29	24°14	2° 0	20°31	7° 4	12 궁 36	7°25	18) 12	27°46	26 Y 15	2 Mp 40	2° 4	3°12	26°27	S 2
M 3	22 49 35	10°47'31	6 8 6	3°57	21°45	7°43	12°35	7°30	18°10	27°48	26°14	2°39	2° 1	3°19	26°32	M 3
T 4	22 53 32	11°45'36	17°58	5°55	23° 0	8°22	12°34	7°35	18° 8	27°50	26°13	2°38	1°58	3°26	26°37	T 4
W 5	22 57 28	12°43'42	29°53	7°52	24°14	9° 1	12°33	7°40	18° 5	27°52	26°12	2°37	1°55	3°32	26°43	W 5
T 6	23 1 25	13°41'50	11 II 55	9°49	25°28	9°41	12°32	7°44	18° 3	27°54	26°12	2°D37	1°52	3°39	26°48	T 6
F 7	23 5 21	14°40'00	24°10	11°46	26°42	10°20	12°32	7°49	18° 1	27°57	26°11	2°37	1°48	3°46	26°53	F 7
S 8	23 9 18	15°38'13	69341	13°42	27°57	11° 0	12°D32	7°53	17°58	27°59	26°10	2°37	1°45	3°52	26°58	S 8
S 9	23 13 14	16°36'27	19°33	15°37	29°11	11°40	12°32	7°58	17°56	28° 1	26° 9	2°39	1°42	3°59	27° 3	S 9
M10	23 17 11	17°34'43	2 Ω 48	17°31	0 <u>ი</u> 25	12°20	12°32	8° 2	17°53	28° 3	26° 8	2°40	1°39	4° 6	27° 8	M10
T 11	23 21 8	18°33'02	16°29	19°24	1°40	13° 0	12°33	8° 6	17°51	28° 5	26° 7	2°41	1°36	4°12	27°13	T 11
W12	23 25 4	19°31'22	0 m 34	21°16	2°54	13°40	12°33	8°11	17°49	28° 7	26° 7	2°R41	1°33	4°19	27°18	W12
T 13	23 29 1	20°29'44	15° 1	23° 8	4° 8	14°20	12°34	8°15	17°46	28° 9	26° 6	2°41	1°29	4°26	27°23	T 13
F 14	23 32 57	21°28'08	29°45	24°58	5°23	15° 0	12°35	8°19	17°44	28°11	26° 5	2°40	1°26	4°33	27°27	F 14
S 15	23 36 54	22°26'33	14 ≏ 39	26°47	6°37	15°40	12°36	8°22	17°41	28°13	26° 4	2°38	1°23	4°39	27°32	S 15
S 16	23 40 50	23°25'01	29°34	28°35	7°51	16°21	12°38	8°26	17°39	28°16	26° 3	2°35	1°20	4°46	27°37	S 16
M17	23 44 47	24°23'30	14ML23	0 ჲ 22	9° 5	17° 1	12°39	8°30	17°37	28°18	26° 2	2°32	1°17	4°53	27°41	M17
T 18	23 48 43	25°22'00	28°59	2° 8	10°20	17°42	12°41	8°34	17°34	28°20	26° 1	2°30	1°14	4°59	27°46	T 18
W19	23 52 40	26°20'33	13 × 16	3°53	11°34	18°23	12°43	8°37	17°32	28°22	26° 0	2°28	1°10	5° 6	27°50	W19
T 20	23 56 37	27°19'07	2 <u>7</u> °13	5°36	12°48	19° 3	12°45	8°40	17°30	28°24	25°59	2°D28	1° 7	5°13	27°55	T 20
F 21	0 0 33	28°17'43	10 る 49	7°19	14° 3	19°44	12°47	8°44	17°27	28°26	25°58	2°28	1° 4	5°20	27°59	F 21
S 22	0 430	29°16'20	24° 6	9° 1	15°17	20°25	12°50	8°47	17°25	28°28	25°57	2°29	1° 1	5°26	28° 3	S 22
S 23	0 8 26	0 ≏ 14'59	7≈ 4	10°41	16°31	21° 6	12°52	8°50	17°23	28°30	25°56	2°31	0°58	5°33	28° 7	S 23
M24	0 12 23	1°13'40	19°47	12°21	17°46	21°47	12°55	8°53	17°20	28°31	25°55	2°32	0°54	5°40	28°12	M24
T 25	0 16 19	2°12'22	2) 18	14° 0	19° 0	22°29	12°58	8°56	17°18	28°33	25°54	2°R33	0°51	5°46	28°16	T 25
W26	0 20 16	3°11'06	14°37	15°38	20°14	23°10	13° 2	8°59	17°16	28°35	25°53	2°32	0°48	5°53	28°20	W26
T 27	0 24 12	4° 9'52	26°47	17°14	21°28	23°51	13° 5	9° 2	17°13	28°37	25°52	2°30	0°45	6° 0	28°23	T 27
F 28	0 28 9	5° 8'40	8 Y 51	18°50	22°43	24°33	13° 9	9° 4	17°11	28°39	25°51	2°26	0°42	6° 6	28°27	F 28
S 29	0 32 5	6° 7'30	20°48	20°25	23°57	25°14	13°12	9° 7	17° 9	28°41	25°50	2°21	0°39	6°13	28°31	S 29
S 30	0 36 2	7 º 6'22	2842	21 ≏ 59	25 ₽ 11	25 M 56	13 る 16	995 9	17 ∺ 7	28 Ω 43	25 Y 49	2 Mp 15	0 m 35	6 8 20	28935	S 30

Day	0	Ş)	ζ	5	ς	2	ď	۹	2	4	ħ	ι	ړ((Ĵ	Ļ	E	2	ß	υ	Ç	ķ	
	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	8n15	1n45	3 s22	13n 1	1n40	5n31	1n23	14 s10	0s33	23 s 6	0s16	22n18	0s55	5 s24	0 s49	12n40	0n26	6s 4	17 s21	10n31	10n43	8n18	14n33	6 s26
S 2	7 53	5 32	4 8	12 22	1 43	5 1	1 23	14 24	0 34	23 6	0 16	22 18	0 55	5 24	0 49	12 39	0 26	6 4	17 21	10 31	10 44	8 20	14 31	6 26
M 3	7 31	9 5	4 43	11 41	1 45	4 31	1 22	14 37	0 35	23 6	0 16	22 18	0 55	5 25	0 49	12 38	0 26	6 5	17 21	10 32	10 45	8 22	14 30	6 27
T 4	7 9	12 16	5 6	10 59	1 46	4 1	1 21	14 51	0 35	23 6		22 18	0 55	5 26	0 49	12 37	0 26	6 5	17 21	10 32	10 46	8 24	14 29	6 27
W 5	6 47	14 58	5 16	10 16	1 47	3 31	1 20	15 4	0 36	23 7	0 17	22 17	0 55	5 27	0 49	12 37	0 26	6 6	17 22	10 32	10 47	8 25	14 27	6 28
T 6	6 24	17 3	5 12	9 32	1 47	3 1	1 20	15 17	0 37			22 17	0 55	5 28		12 36			17 22		10 48	8 27	14 26	6 28
F 7	-	18 23		-	1 46	2 31		15 30	0 37			22 17	0 55	5 29		12 35			17 22		10 50	-	14 25	6 28
S 8	5 40	18 53	4 22	8 1	1 44	2 0	1 18	15 43	0 38	23 7	0 17	22 16	0 55	5 30	0 49	12 34	0 26	6 7	17 22	10 32	10 51	8 31	14 23	6 29
S 9	5 17	18 26	3 37	7 14	1 42	1 30	1 17	15 56	0 38	23 7	0 17	22 16	0 55	5 31	0 49	12 34	0 26	6 8	17 22	10 32	10 52	8 33	14 22	6 29
M10	4 54	16 58	2 38	6 27	1 40	0 59	1 16	16 9	0 39	23 7	0 17	22 16	0 55	5 32	0 49	12 33	0 26	6 8	17 23	10 31	10 53	8 35	14 20	6 30
T 11	4 32	14 29	1 28	5 40	1 36	0 29	1 14	16 22	0 40	23 7	0 17	22 16	0 55	5 33	0 49	12 32	0 26	6 9	17 23	10 31	10 54	8 36	14 19	6 30
W12	4 9	11 5	0 12	4 53	1 33	0s 2	1 13	16 34	0 40	23 7		22 15	0 55	5 34	0 49	12 32	0 26	6 9	17 23	10 31	10 55	8 38	14 18	6 31
T 13	3 46	6 56	1n 8	4 5	1 29	0 33	1 12	16 47	0 41	23 7	0 17	22 15	0 55	5 35	0 49	12 31	0 26	6 10	17 23	10 31	10 56	8 40	14 16	6 31
F 14	3 23	2 18	2 24	3 18	1 24	1 3	1 10	16 59	0 42			22 15	0 55	5 36	0 49	12 30	0 26	6 10	17 24	10 31	10 57	8 42	14 15	6 32
S 15	3 0	2 s 3 1	3 31	2 30	1 20	1 34	1 9	17 12	0 42	23 7	0 17	22 15	0 55	5 37	0 49	12 29	0 26	6 11	17 24	10 32	10 59	8 44	14 14	6 32
S 16	2 37	7 11	4 24	1 42	1 15	2 5	1 8	17 24	0 43	23 7	0 17	22 14	0 55	5 38	0 49	12 29	0 26	6 11	17 24	10 33	11 0	8 46	14 12	6 33
M17	2 14	11 23	4 59	0 55	1 9	2 35	1 6	17 36	0 43	23 7	0 17	22 14	0 55	5 38	0 49	12 28	0 26	6 12	17 24	10 34	11 1	8 47	14 11	6 33
T 18	1 50	14 48	5 14	0 8	1 4	3 6	1 4	17 48	0 44	23 7	0 18	22 14	0 55	5 39	0 49	12 27	0 26	6 12	17 24	10 35	11 2	8 49	14 10	6 34
W19	1 27	17 16	5 9	0s39		3 36	1 3		0 45			22 14	0 55	5 40	0 49	12 27	0 26		17 25		11 3	8 51	-	6 34
T 20	1 4		4 46	1 26	0 52	4 7		18 12	0 45			22 13	0 55	5 41		12 26	0 26		17 25			8 53		6 35
F 21		18 53	4 7	2 12		4 37		18 24	0 46	-		22 13	0 55	5 42		12 25	0 26		17 25		-	8 55	-	6 35
S 22	0 17	18 4	3 16	2 58	0 39	5 8	0 58	18 35	0 46	23 6	0 18	22 13	0 55	5 43	0 49	12 25	0 26	6 14	17 25	10 35	11 6	8 57	14 4	6 36
S 23	0s 6	16 19	2 15	3 44	0 32	5 38	0 56	18 47	0 47	23 6	0 18	22 13	0 55	5 44	0 49	12 24	0 26	6 15	17 25	10 34	11 8	8 58	14 3	6 36
M24	0 29	13 46	1 9	4 29	0 25	6 8	0 54	18 58	0 47	23 6	0 18	22 13	0 55	5 45	0 49	12 23	0 26	6 15	17 25	10 34	11 9	9 0	14 1	6 37
T 25	0 53	10 38	0 1	5 14	0 19	6 38	0 52	19 9	0 48	23 5	0 18	22 12	0 55	5 46	0 49	12 23	0 26	6 16	17 25	10 34	11 10	9 2	14 0	6 38
W26	1 16	7 4	1s 6	5 58	0 12	7 8	0 50	19 20	0 49	23 5	0 18	22 12	0 55	5 47	0 49	12 22	0 26	6 16	17 26	10 34	11 11	9 4	13 59	6 38
T 27	1 39	3 15	2 9	6 42	0 5	7 38	0 48	19 31	0 49	23 5	0 18	22 12	0 55	5 47	0 49	12 21	0 26	6 17	17 26	10 35	11 12	9 6	13 58	6 39
F 28	2 3	0n40	3 5	7 25	0s 3	8 7		19 42	0 50	23 5	0 18	22 12	0 55	5 48		12 21	0 26	6 17	17 26	10 36	11 13	9 8	13 56	6 39
S 29	2 26	4 31	3 53	8 7	0 10	8 37	0 44	19 52	0 50	23 4	0 18	22 12	0 55	5 49	0 49	12 20	0 26	6 18	17 26	10 38	11 14	9 9	13 55	6 40
S 30	2 s49	8n10	4 s 3 0	8 s49	0s17	9s 6	0n42	20 s 3	0s51	23 s 4	0 s 1 8	22n11	0s55	5 s50	0 s49	12n19	0n26	6s18	17 s26	10n40	11n15	9n11	13n54	6 s40

Julian Day Number = 2485025.5, Delta T = 89.47 sec Ecliptic obliquity = $23^{\circ}25'31$, Nutation = - $0^{\circ}00'08$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}01'16$, Lahiri = $25^{\circ}08'16$

OCTOBER 2091 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ)ұ(并	В	R	Ω	Ç	ķ	Day
M 1	0 39 59	8 ₽ 5'16	14833	23 ₽ 33	26₽26	26 M .38	13 ට 21	9 © 11	17°R 4	28 \Omega 45	25°R48	2°R 8	0 mp 32	6 8 27	28938	M 1
T 2	0 43 55	9° 4'13	26°24	25° 5	27°40	27°20	13°25	9°14	17) 2	28°46	25 Y 47	2 m 2	0°29	6°33	28°42	T 2
W 3	0 47 52	10° 3'12	8 П 19	26°36	28°54	28° 1	13°29	9°16	17° 0	28°48	25°46	1°56	0°26	6°40	28°45	W 3
T 4	0 51 48	11° 2'12	20°20	28° 7	0M 8	28°43	13°34	9°18	16°58	28°50	25°44	1°53	0°23	6°47	28°49	T 4
F 5	0 55 45	12° 1'16	2932	29°37	1°23	29°26	13°39	9°20	16°56	28°52	25°43	1°50	0°19	6°53	28°52	F 5
S 6	0 59 41	13° 0'21	14°59	1 M 6	2°37	0 ,₹ 8	13°44	9°21	16°54	28°53	25°42	1°D50	0°16	7° 0	28°55	S 6
S 7	1 3 38	13°59'29	27°45	2°34	3°51	0°50	13°49	9°23	16°52	28°55	25°41	1°51	0°13	7° 7	28°58	S 7
M 8	1 7 34	14°58'39	10 Ω 54	4° 1	5° 5	1°32	13°54	9°25	16°50	28°57	25°40	1°52	0°10	7°14	29° 2	M 8
T 9	1 11 31	15°57'52	24°30	5°27	6°20	2°15	14° 0	9°26	16°48	28°58	25°39	1°53	0° 7	7°20	29° 5	T 9
W10	1 15 28	16°57'07	8 m 35	6°52	7°34	2°57	14° 6	9°27	16°46	29° 0	25°38	1°R53	0° 4	7°27	29° 7	W10
T 11	1 19 24	17°56'23	23° 6	8°17	8°48	3°40	14°11	9°29	16°44	29° 2	25°37	1°51	0° 0	7°34	29°10	T 11
F 12	1 23 21	18°55'43	8 쇼 1	9°40	10° 2	4°23	14°17	9°30	16°42	29° 3	25°35	1°48	29 Ω 57	7°40	29°13	F 12
S 13	1 27 17	19°55'04	23°11	11° 3	11°17	5° 5	14°23	9°31	16°40	29° 5	25°34	1°42	29°54	7°47	29°16	S 13
S 14	1 31 14	20°54'27	8M26	12°24	12°31	5°48	14°30	9°32	16°38	29° 6	25°33	1°34	29°51	7°54	29°18	S 14
M15	1 35 10	21°53'52	23°36	13°45	13°45	6°31	14°36	9°33	16°36	29° 8	25°32	1°27	29°48	8° 1	29°21	M15
T 16	1 39 7	22°53'19	8 ₹ 31	15° 4	14°59	7°14	14°43	9°33	16°34	29° 9	25°31	1°19	29°45	8° 7	29°23	T 16
W17	1 43 3	23°52'48	23° 4	16°22	16°14	7°57	14°50	9°34	16°33	29°11	25°30	1°14	29°41	8°14	29°25	W17
T 18	1 47 0	24°52'19	7 る 9	17°39	17°28	8°40	14°57	9°34	16°31	29°12	25°29	1°10	29°38	8°21	29°28	T 18
F 19	1 50 57	25°51'52	20°48	18°54	18°42	9°23	15° 4	9°35	16°29	29°14	25°27	1°D 9	29°35	8°27	29°30	F 19
S 20	1 54 53	26°51'26	4 ≈ 0	20° 8	19°56	10° 7	15°11	9°35	16°28	29°15	25°26	1° 9	29°32	8°34	29°32	S 20
S 21	1 58 50	27°51'02	16°51	21°20	21°11	10°50	15°18	9°35	16°26	29°16	25°25	1°10	29°29	8°41	29°34	S 21
M22	2 2 46	28°50'39	29°23	22°31	22°25	11°34	15°26	9°R35	16°24	29°18	25°24	1°R10	29°25	8°48	29°36	M22
T 23	2 6 43	29°50'19	11) (40	23°40	23°39	12°17	15°34	9°35	16°23	29°19	25°23	1°10	29°22	8°54	29°37	T 23
W24	2 10 39	0 M .50'00	23°47	24°46	24°53	13° 1	15°41	9°35	16°21	29°20	25°22	1° 7	29°19	9° 1	29°39	W24
T 25	2 14 36	1°49'42	5 Ƴ 48	25°51	26° 7	13°44	15°49	9°34	16°20	29°22	25°21	1° 2	29°16	9° 8	29°41	T 25
F 26	2 18 32	2°49'27	17°43	26°53	27°21	14°28	15°57	9°34	16°18	29°23	25°19	0°54	29°13	9°14	29°42	F 26
S 27	2 22 29	3°49'14	29°36	27°52	28°36	15°12	16° 6	9°33	16°17	29°24	25°18	0°43	29°10	9°21	29°44	S 27
S 28	2 26 25	4°49'02	11828	28°48	29°50	15°56	16°14	9°33	16°16	29°25	25°17	0°31	29° 6	9°28	29°45	S 28
M29	2 30 22	5°48'53	23°21	29°41	1 才 4	16°40	16°23	9°32	16°14	29°26	25°16	0°19	29° 3	9°35	29°46	M29
T 30	2 34 19	6°48'46	5 Ⅱ 15	0 ₹ 30	2°18	17°24	16°31	9°31	16°13	29°27	25°15	0° 6	29° 0	9°41	29°47	T 30
W31	2 38 15	7 M .48'41	17 Ⅲ 13	1 才 15	3 ₹ 32	18 才 8	16 පි 40	9930	16 ∺ 12	$29\Omega 28$	25 Y 14	29 N 55	28 Ω 57	9 8 48	299548	W31

Day	0	D	1	Į	·	(3	2	+	ħ	ì)į	ł(并		Р	ß	Ω	Ç	Š	
	decl	decl lat	decl	lat	decl lat	decl	lat	decl	lat	decl	lat	decl	lat	decl la	at	decl lat	decl	decl	decl	decl	lat
M 1 T 2		11n29 4s50	9 s31			9 20 s13 7 20 23	0s51 0 52	23 s 4 23 3		22n11 22 11	0s55 0 55	5 s51 5 52	0 s49 0 49		0n26 0 26	6s19 17s26 6 19 17 26	-	-		13n52 13 51	6 s41 6 42
W 3		16 36 5				5 20 33				22 11	0 55	5 53		-	0 26	6 20 17 26				13 50	6 42
T 4	4 22	18 11 4 54	11 31	0 46 1	1 0 0 3	2 20 43				22 11	0 55	5 53	0 49	12 17	0 26	6 20 17 26	10 48	11 20		13 49	6 43
F 5	4 45	18 57 4 2	7 12 10	0 53 1		0 20 53	0 53	23 2	0 19	22 11	0 55	5 54	0 49	12 16	0 26	6 20 17 27	10 49	11 21	9 20	13 47	6 43
S 6	5 8	18 50 3 4	12 48	1 0 1	1 56 0 2	8 21 2	0 54	23 2	0 19	22 11	0 55	5 55	0 48	12 16	0 26	6 21 17 27	10 49	11 22	9 22	13 46	6 44
S 7	5 31	17 45 2 54	13 25	1 8 1	2 24 0 2	5 21 12	0 54	23 1	0 19	22 10	0 55	5 56	0 48	12 15	0 26	6 21 17 27	10 49	11 23	9 24	13 45	6 45
M 8	5 54	15 42 1 5	14 1	1 15 1	2 51 0 2	3 21 21	0 55	23 1	0 19	22 10	0 55	5 56	0 48	12 15	0 26	6 22 17 27	10 48	11 24	9 26	13 44	6 45
T 9		-	14 37			0 21 30	0 55			22 10	0 55	5 57			0 26	6 22 17 27				13 42	6 46
W10	6 39		5 15 12			8 21 39	0 56		-	22 10	0 55	5 58			0 26	6 23 17 27				13 41	6 47
T 11	7 2	4 27 1 52			-	5 21 47		22 59		22 10	0 55	5 59		-	0 26	6 23 17 27		-		13 40	6 47
F 12 S 13	7 25	0s23 3 2				3 21 56		22 58		22 10	0 55	5 59		-	0 26	6 24 17 27				13 39	6 48
	7 47	5 16 4	16 51			0 22 4		22 58		22 10	0 55	6 0			0 26	6 24 17 27				13 38	6 48
S 14	8 9		17 22			8 22 12		22 57		22 10	0 55	6 1			0 27	6 24 17 27		_		13 37	6 49
M15		13 45 5				5 22 20		22 57	0 19		0 55	6 2			0 27	6 25 17 27		_		13 35	6 50
T 16 W17		16 42 5 4 18 30 4 43				2 22 28 0 22 35		22 56 22 55		22 10 22 10	0 55 0 55	6 2	0 48 0 48		0 27 0 27	6 25 17 27 6 26 17 27		11 33 11 34		13 34 13 33	6 50
T 18	9 16 9 38	18 30 4 43 19 6 4 9		_	6 41 0s 7 5 0	3 22 42		22 53		22 10	0 55	6 3	0 48	-	0 27	6 26 17 27		11 34		13 33	6 51 6 52
F 19			19 44			6 22 49		22 54		22 10	0 55	6 4	0 48		0 27	6 26 17 27		11 37		13 31	6 52
S 20			20 10			8 22 56		22 53	0 19		0 55	6 5			0 27	6 27 17 27		11 38		13 30	6 53
S 21	10 42	14 34 1 10	20 34	2 34 1	8 13 0 1	1 23 3	1 0	22 52	0 19	22 9	0 55	6 5	0 48	12 8	0 27	6 27 17 27	11 2	11 39	0.40	13 29	6 54
M22	-	-	20 54	_		4 23 9		22 51	0 19	-	0 55	6 6		-	0 27	6 28 17 27		11 40		13 28	6 54
T 23	11 25	8 3 0s50			8 56 0 1		1 1	22 51	0 20		0 55	6 7	0 48	-	0 27	6 28 17 27	-	11 41		13 27	6 55
W24	11 45	4 16 1 58		- 1	9 17 0 1		1 1	22 50	0 20	-	0 55	6 7	0 48		0 27	6 28 17 27	_	11 42		13 26	6 56
T 25	12 6	0 22 2 54	21 57		9 38 0 2		1 2	22 49	0 20		0 55	6 8	0 48		0 27	6 29 17 27		11 43		13 25	6 56
F 26	12 27	3n32 3 42	2 22 15	2 52 1	9 57 0 2	5 23 33	1 2	22 48	0 20	22 10	0 55	6 8	0 48	12 6	0 27	6 29 17 27	11 9	11 44	9 58	13 24	6 57
S 27	12 47	7 17 4 19	22 31	2 55 2	20 17 0 2	7 23 38	1 2	22 47	0 20	22 10	0 55	6 9	0 48	12 6	0 27	6 29 17 27	11 13	11 46	10 0	13 23	6 58
S 28	13 7	10 44 4 46	22 45	2 57 2	20 36 0 3	0 23 43	1 3	22 46	0 20	22 10	0 55	6 9	0 48	12 5	0 27	6 30 17 27	11 17	11 47	10 2	13 22	6 58
M29	13 27	13 45 5 0	22 58	2 58 2	20 54 0 3	3 23 48	1 3	22 45	0 20	22 10	0 55	6 10	0 48	12 5	0 27	6 30 17 27	11 21	11 48	10 4	13 21	6 59
T 30	13 47	16 14 5	23 9	2 58 2		5 23 53		22 44	0 20	22 10	0 55	6 10	0 48	12 5	0 27	6 30 17 27	11 26	11 49	10 6	13 20	7 0
W31	14s 6	18n 1 4s49	23 s 18	2 s 5 8 2	21 s28 0 s3	8 23 s57	1s 4	22 s43	0 s20	22n10	0s55	6s11	0 s48	12n 4	0n27	6s31 17s26	11n30	11n50	10n 7	13n19	7 s 1

Julian Day Number = 2485055.5, Delta T = 89.50 sec Ecliptic obliquity = $23^{\circ}25'31$, Nutation = - $0^{\circ}00'09$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}01'20$, Lahiri = $25^{\circ}08'20$

NOVEMBER 2091 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ)∤(朴	В	ß	Ω	Ç	, k	Day
T 1	2 42 12	8ML48'37	29耳17	1 √ 55	4 ₹ 46	18 ∡ 52	16 궁 49	9°R29	16°R11	29€29	25°R13	29°R46	28 Ω 54	9 8 55	299549	T 1
F 2	2 46 8	9°48'36	11930	2°30	6° 0	19°36	16°58	9928	16 米 10	29°30	25 Y 12	29 Ω 40	28°50	10° 1	29°50	F 2
S 3	2 50 5	10°48'38	23°55	3° 0	7°14	20°21	17° 7	9°27	16° 9	29°31	25°11	29°36	28°47	10° 8	29°51	S 3
S 4	2 54 1	11°48'41	6 Ω 37	3°23	8°28	21° 5	17°16	9°25	16° 7	29°32	25° 9	29°35	28°44	10°15	29°52	S 4
M 5	2 57 58	12°48'46	19°39	3°39	9°43	21°49	17°26	9°24	16° 6	29°33	25° 8	29°D35	28°41	10°22	29°52	M 5
T 6	3 1 54	13°48'54	3 m) 5	3°48	10°57	22°34	17°35	9°22	16° 6	29°34	25° 7	29°R35	28°38	10°28	29°53	T 6
W 7	3 5 5 1	14°49'03	16°59	3°R48	12°11	23°18	17°45	9°20	16° 5	29°35	25° 6	29°34	28°35	10°35	29°53	W 7
T 8	3 9 48	15°49'15	1 ≏ 21	3°40	13°25	24° 3	17°55	9°18	16° 4	29°36	25° 5	29°31	28°31	10°42	29°53	T 8
F 9	3 13 44	16°49'28	16° 9	3°22	14°39	24°48	18° 5	9°16	16° 3	29°37	25° 4	29°25	28°28	10°48	29°53	F 9
S 10	3 17 41	17°49'44	1 M .17	2°55	15°53	25°33	18°15	9°14	16° 2	29°37	25° 3	29°16	28°25	10°55	29°R54	S 10
S 11	3 21 37	18°50'01	16°36	2°17	17° 7	26°17	18°25	9°12	16° 1	29°38	25° 2	29° 6	28°22	11° 2	29°53	S 11
M12	3 25 34	19°50'21	1 ₹ 55	1°30	18°21	27° 2	18°35	9°10	16° 1	29°39	25° 1	28°54	28°19	11° 9	29°53	M12
T 13	3 29 30	20°50'42	17° 2	0°33	19°35	27°47	18°45	9° 7	16° 0	29°39	25° 0	28°43	28°16	11°15	29°53	T 13
W14	3 33 27	21°51'04	1 云 48	29M28	20°49	28°32	18°56	9° 5	16° 0	29°40	24°59	28°34	28°12	11°22	29°53	W14
T 15	3 37 23	22°51'28	16° 5	28°16	22° 3	29°17	19° 6	9° 2	15°59	29°41	24°58	28°28	28° 9	11°29	29°52	T 15
F 16	3 41 20	23°51'54	29°53	26°58	23°17	0 ප 3	19°17	9° 0	15°59	29°41	24°57	28°24	28° 6	11°35	29°52	F 16
S 17	3 45 17	24°52'20	13≈11	25°38	24°31	0°48	19°28	8°57	15°58	29°42	24°56	28°22	28° 3	11°42	29°51	S 17
S 18	3 49 13	25°52'48	26° 3	24°17	25°45	1°33	19°38	8°54	15°58	29°42	24°55	28°22	28° 0	11°49	29°51	S 18
M19	3 53 10	26°53'18	8) (33	22°59	26°59	2°18	19°49	8°51	15°57	29°43	24°54	28°22	27°56	11°56	29°50	M19
T 20	3 57 6	27°53'48	20°46	21°46	28°13	3° 4	20° 0	8°48	15°57	29°43	24°53	28°21	27°53	12° 2	29°49	T 20
W21	4 1 3	28°54'20	2 Ƴ 48	20°39	29°27	3°49	20°12	8°45	15°57	29°43	24°52	28°17	27°50	12° 9	29°48	W21
T 22	4 4 59	29°54'53	14°43	19°42	0 궁 40	4°35	20°23	8°42	15°57	29°44	24°51	28°11	27°47	12°16	29°47	T 22
F 23	4 8 56	0 ₮ 55'27	26°34	18°55	1°54	5°20	20°34	8°38	15°57	29°44	24°50	28° 2	27°44	12°22	29°46	F 23
S 24	4 12 52	1°56'03	8826	18°20	3° 8	6° 6	20°46	8°35	15°57	29°44	24°49	27°50	27°41	12°29	29°45	S 24
S 25	4 16 49	2°56'40	20°18	17°56	4°22	6°51	20°57	8°32	15°D56	29°45	24°49	27°36	27°37	12°36	29°43	S 25
M26	4 20 46	3°57'19	2 Ⅱ 15	17°44	5°36	7°37	21° 9	8°28	15°57	29°45	24°48	27°21	27°34	12°43	29°42	M26
T 27	4 24 42	4°57'59	14°16	17°D43	6°49	8°23	21°20	8°24	15°57	29°45	24°47	27° 6	27°31	12°49	29°40	T 27
W28	4 28 39	5°58'40	26°22	17°53	8° 3	9° 9	21°32	8°21	15°57	29°45	24°46	26°53	27°28	12°56	29°39	W28
T 29	4 32 35	6°59'23	8936	18°13	9°17	9°55	21°44	8°17	15°57	29°45	24°45	26°42	27°25	13° 3	29°37	T 29
F 30	4 36 32	8 % 0'07	20957	18 M .41	10 궁 31	10 궁 40	21 궁 56	8 9 513	15) (57	29 Ω 45	24 Υ 44	26 Ω 35	$27\Omega 22$	13 8 10	29935	F 30

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S 4 M 5 T 6 W 7 T 8	15 22 15 40 15 59 16 16 16 34	14 5 0 53 10 39 0n19	23 32 2 23 27 2 23 19 2	2 42 22 44 0 51 2 36 22 58 0 54 2 28 23 10 0 57	24 18 1 5 24 21 1 6	22 37 0 20 22 36 0 20 22 35 0 20		6 12 0 48 6 13 0 48 6 13 0 48 6 13 0 48 6 13 0 48	12 3 0 27 12 2 0 27 12 2 0 27	6 32 17 26 6 32 17 26 6 32 17 26	11 37 11 54 11 37 11 56 11 37 11 57 11 37 11 58 11 38 11 59	10 16 10 18 10 20	13 15 7 4 13 14 7 5 13 14 7 5
F 9 S 10	16 51 17 8	2 s 5 8 3 4 0	22 54 2	2 7 23 34 1 2	24 25 1 6	22 33 0 20	22 11 0 55 22 11 0 55 22 11 0 55	6 14 0 47 6 14 0 47	12 2 0 27	6 33 17 25 6 33 17 25 6 33 17 25	11 40 12 0	10 22 10 24 10 25	13 12 7 7
S 11 M12 T 13 W14 T 15 F 16 S 17		15 38 5 0 18 3 4 46 19 13 4 12 19 5 3 23 17 49 2 24	21 49 1 21 20 1 20 48 0 20 13 0 19 36 0	1 24 24 3 1 9 1 7 24 12 1 11 0 48 24 20 1 14 0 28 24 27 1 16 0 8 24 33 1 18	24 30 1 7 24 31 1 7 24 32 1 7 24 33 1 7 24 33 1 8	22 29 0 21 22 27 0 21 22 26 0 21 22 24 0 21 22 23 0 21	22 11 0 55 22 12 0 55 22 12 0 55	6 14 0 47 6 15 0 47	12 1 0 27 12 1 0 27 12 0 0 27 12 0 0 27 12 0 0 27 12 0 0 27	6 33 17 25 6 34 17 25 6 34 17 25 6 34 17 25 6 34 17 24 6 34 17 24 6 34 17 24	11 51 12 3 11 55 12 4 11 58 12 3 12 0 12 3 12 1 12 8	10 31 10 33 10 34 10 36	13 10 7 9 13 10 7 9 13 9 7 10 13 8 7 11 13 8 7 11
S 18 M19 T 20 W21 T 22 F 23 S 24	19 13 19 27 19 41 19 54 20 7 20 20 20 32	9 11 0s54 5 25 1 55 1 30 2 51 2n26 3 39 6 16 4 16	17 39 0 17 3 1 16 29 1 15 59 1	0 53 24 48 1 25 1 11 24 52 1 27 1 28 24 54 1 29 1 43 24 56 1 31 1 57 24 57 1 33	24 33 1 8 24 32 1 8 24 31 1 9 24 30 1 9 24 28 1 9	22 18 0 21 22 17 0 21 22 15 0 21 22 14 0 21 22 12 0 21		6 16 0 47 6 16 0 47	12 0 0 27		12 2 12 12 12 3 12 12 12 4 12 13	10 42 10 43 10 45 10 47 10 49	13 6 7 13 13 6 7 14 13 5 7 15 13 5 7 15 13 5 7 16
T 29	21 7 21 18	15 43 4 58 17 45 4 46 19 1 4 21 19 25 3 44	14 49 2 14 44 2 14 47 2	2 23 24 57 1 38 2 28 24 55 1 40 2 32 24 52 1 42 2 33 24 49 1 43	24 22 1 9 24 19 1 10 24 16 1 10 24 13 1 10	22 5 0 21 22 3 0 21 22 2 0 21	22 14 0 55 22 15 0 55 22 15 0 55	6 16 0 47 6 16 0 47 6 15 0 47 6 15 0 47	11 59 0 28 11 59 0 028	6 35 17 22 6 36 17 22 6 36 17 22 6 36 17 21	12 18 12 17 12 23 12 19 12 28 12 20 12 33 12 2 12 36 12 22 12n39 12n22	10 54 10 56 10 57 10 59	13 4 7 18 13 3 7 19 13 3 7 19 13 3 7 20

Julian Day Number = 2485086.5, Delta T = 89.54 sec Ecliptic obliquity = 23°25'31, Nutation = -0°00'11, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 26°01'24, Lahiri = 25°08'24

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Day	Sid.t	0	D	ğ	·	ď	4	ħ)Å(并	В	n	v	Ç	Ŷ,	Day
S 1	4 40 28	9 ∡ 0'52	3⋒29	19 M .17	11 ~ 344	11 궁 26	22중 8	8°R 9	15 ∺ 57	29 Ω 45	24°R44	26°R30	27 Ω 18	13 8 16	29°R33	S 1
S 2	4 44 25	10° 1'39	16°14	20° 1	12°58	12°12	22°20	8 9 5	15°58	29°R45	24 Y 43	26 Ω 28	27°15	13°23	29931	S 2
M 3	4 48 22	11° 2'28	29°15	20°51	14°12	12°58	22°32	8° 1	15°58	29°45	24°42	26°D28	27°12	13°30	29°29	M 3
T 4	4 52 18	12° 3'18	12 Mp 36	21°47	15°25	13°45	22°45	7°57	15°59	29°45	24°41	26°R28	27° 9	13°36	29°27	T 4
W 5	4 56 15	13° 4'09	26°19	22°47	16°39	14°31	22°57	7°53	15°59	29°45	24°41	26°27	27° 6	13°43	29°25	W 5
T 6	5 0 11	14° 5'02	10 ≏ 26	23°52	17°52	15°17	23° 9	7°48	16° 0	29°45	24°40	26°25	27° 2	13°50	29°23	T 6
F 7	5 4 8	15° 5'56	24°57	25° 0	19° 6	16° 3	23°22	7°44	16° 0	29°45	24°39	26°20	26°59	13°57	29°20	F 7
S 8	5 8 4	16° 6'51	9 M .47	26°11	20°20	16°49	23°34	7°39	16° 1	29°45	24°39	26°12	26°56	14° 3	29°18	S 8
S 9	5 12 1	17° 7'48	24°51	27°26	21°33	17°36	23°47	7°35	16° 2	29°45	24°38	26° 2	26°53	14°10	29°15	S 9
M10	5 15 57	18° 8'46	9 ∡ 759	28°42	22°46	18°22	24° 0	7°31	16° 2	29°44	24°37	25°51	26°50	14°17	29°13	M10
T 11	5 19 54	19° 9'45	25° 1	0 √ 1	24° 0	19° 9	24°12	7°26	16° 3	29°44	24°37	25°41	26°47	14°23	29°10	T 11
W12	5 23 51	20°10'45	9 궁 47	1°22	25°13	19°55	24°25	7°21	16° 4	29°44	24°36	25°32	26°43	14°30	29° 7	W12
T 13	5 27 47	21°11'45	24° 9	2°44	26°27	20°42	24°38	7°17	16° 5	29°43	24°36	25°26	26°40	14°37	29° 4	T 13
F 14	5 31 44	22°12'47	8≈ 4	4° 7	27°40	21°28	24°51	7°12	16° 6	29°43	24°35	25°22	26°37	14°44	29° 1	F 14
S 15	5 35 40	23°13'48	21°29	5°31	28°53	22°15	25° 4	7° 7	16° 7	29°42	24°35	25°D21	26°34	14°50	28°58	S 15
S 16	5 39 37	24°14'51	4) €27	6°57	0≈ 7	23° 1	25°17	7° 3	16° 8	29°42	24°34	25°21	26°31	14°57	28°55	S 16
M17	5 43 33	25°15'53	17° 2	8°23	1°20	23°48	25°30	6°58	16° 9	29°42	24°34	25°22	26°28	15° 4	28°52	M17
T 18	5 47 30	26°16'56	29°18	9°50	2°33	24°35	25°43	6°53	16°10	29°41	24°33	25°R22	26°24	15°10	28°49	T 18
W19	5 51 26	27°18'00	11 Y 21	11°18	3°46	25°22	25°56	6°48	16°11	29°40	24°33	25°21	26°21	15°17	28°45	W19
T 20	5 55 23	28°19'04	23°16	12°46	4°59	26° 8	26°10	6°43	16°12	29°40	24°32	25°17	26°18	15°24	28°42	T 20
F 21	5 59 20	29°20'08	5 8 6	14°15	6°12	26°55	26°23	6°38	16°14	29°39	24°32	25°11	26°15	15°31	28°39	F 21
S 22	6 3 16	0 පි 21'13	16°58	15°44	7°25	27°42	26°36	6°33	16°15	29°39	24°32	25° 3	26°12	15°37	28°35	S 22
S 23	6 7 13	1°22'18	28°53	17°14	8°38	28°29	26°50	6°29	16°16	29°38	24°31	24°53	26° 8	15°44	28°32	S 23
M24	611 9	2°23'23	10 Ⅱ 54	18°44	9°51	29°16	27° 3	6°24	16°18	29°37	24°31	24°43	26° 5	15°51	28°28	M24
T 25	6 15 6	3°24'29	23° 4	20°14	11° 4	0≈ 3	27°17	6°19	16°19	29°36	24°30	24°32	26° 2	15°58	28°25	T 25
W26	6 19 2	4°25'35	5922	21°45	12°17	0°50	27°30	6°14	16°21	29°36	24°30	24°23	25°59	16° 4	28°21	W26
T 27	6 22 59	5°26'42	17°50	23°16	13°29	1°37	27°44	6° 9	16°23	29°35	24°30	24°16	25°56	16°11	28°17	T 27
F 28	6 26 55	6°27'48	$0\Omega_{28}$	24°47	14°42	2°24	27°57	6° 4	16°24	29°34	24°30	24°10	25°53	16°18	28°13	F 28
S 29	6 30 52	7°28'56	13°17	26°19	15°54	3°11	28°11	5°59	16°26	29°33	24°29	24° 8	25°49	16°24	28° 9	S 29
S 30	6 34 49	8°30'03	26°17	27°51	17° 7	3°58	2 <u>8</u> °25	5°54	16°28	29°32	24°29	24°D 7	25°46	16°31	28° 6	S 30
M31	6 38 45	9 ට 31'12	9 m 30	29 × 23	18 ≈ 19	4≈45	28 궁 39	59649	16 ∺ 29	29 Ω 31	24 Y 29	24 0 8	25 Ω 43	16 8 38	289 2	M31

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S 2	21 56		54 1		2 30			24 2		21 56		22 16	0 55	6 15		11 59	0 28	6 36 1						7 22
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T 6	22 29	0s54 3	31 1	6 34	2 14	24 5	1 52	23 43	1 10	21 48	0 22	22 17	0 54	6 14	0 46	11 59	0 28	6 36 1	7 19	12 42	12 29	11 12	13 2	7 24
F 7	22 36		18 1			23 56		23 38		21 46		22 18	0 54	6 14		11 59	0 28	6 36 1						7 25
S 8	22 42	10 9 4	1 50 1	7 19	2 2	23 46	1 54	23 32		21 44	0 22	22 18	0 54	6 14	0 46	11 59	0 28	6 36 1	7 19	12 47	12 32	11 15	13 1	7 25
S 9	22 48			7 42	1 56			23 26		21 42		22 18	0 54	6 13		11 59	0 28	6 36 1						7 26
M10 T 11	22 54 22 59		1 53 1 1 24 1			23 25 23 13		23 20 23 13		21 40 21 37	0 22 0 22		0 54 0 54	6 13 6 13	0 46 0 46		0 28 0 28	6 35 1 6 35 1						7 26 7 27
W12	23 4			8 52		23 13	1 57			21 37		22 19	0 54	6 12	0 46		0 28	6 35 1				11 20		7 27
T 13	23 8	18 40 2	2 38 1		1 27		1 58			21 33		22 20	0 54	6 12	0 46		0 28	6 35 1				11 24		7 28
F 14	-			9 39	1 20			22 52		21 31		22 20	0 54	6 11	0 46		0 28	6 35 1				11 26		7 28
S 15	23 15	14 1 0	21 2	0 1	1 12	22 18	1 59	22 45	1 11	21 28	0 22	22 20	0 54	6 11	0 46	12 0	0 28	6 35 1	7 17	13 4	12 39	11 27	13 2	7 29
S 16) s48 2		1 5			22 37		21 26		22 21	0 54	6 11	0 46		0 28	6 35 1				11 29		7 29
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S 23		14 57 5		2 37	0 12			21 36	1 10			22 23	0 53	6 7	0 46		0 28	6 34 1						7 32
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S 30	23 9)n12 2		0 37			20 23		20 51		22 25	0 53	6 2			0 28	6 32 1						
M31	23 s 5	9n16 1	n22 2	4s 9	0 s44	17s 7	1 s53	20s11	1 s 1 0	20 s48	0 s24	22n26	0s52	6s 2	0 s45	12n 5	0n28	6 s 3 2 1	7s11	13n28	12n56	11n55	13n 7	7 s35

Julian Day Number = 2485116.5, Delta T = 89.57 sec Ecliptic obliquity = $23^{\circ}25'30$, Nutation = - $0^{\circ}00'10$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}01'28$, Lahiri = $25^{\circ}08'29$