

Astrodienst Ephemeris Tables for the year 1520

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 1520 JC 00:00 UT

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Day	Sid.t	0	D	ğ	φ	♂	4	ħ)∤(卉	В	S.	Ω	Ç	ķ	Day
S 1	7 16 22	19る35'20	1 II 59	19 る 50	19°R45	10ට 6	17 M .19	23 궁 56	12°R39	27≈27	8 2	19°R44	18 8 17	23 m/21	7≈33	S 1
M 2	7 20 19	20°36'25	15°17	21°31	19る8	10°52	17°28	24° 3	12 8 38	27°29	8° 4	19 8 41	18°14	23°28	7°37	M 2
T 3	7 24 15	21°37'30	28°25	23°11	18°31	11°38	17°37	24°10	12°38	27°31	8° 6	19°35	18°11	23°34	7°42	T 3
W 4	7 28 12	22°38'34	119522	24°52	17°55	12°24	17°46	24°18	12°38	27°33	8° 8	19°26	18° 7	23°41	7°46	W 4
T 5	7 32 9	23°39'37	24° 8	26°34	17°20	13°10	17°55	24°25	12°37	27°35	8°10	19°16	18° 4	23°48	7°51	T 5
F 6	7 36 5	24°40'40	6 Ω 41	28°16	16°45	13°56	18° 3	24°32	12°37	27°37	8°12	19° 3	18° 1	23°55	7°56	F 6
S 7	7 40 2	25°41'42	19° 2	29°59	16°12	14°42	18°12	24°39	12°37	27°39	8°14	18°50	17°58	24° 1	8° 0	S 7
S 8	7 43 58	26°42'43	1 m y 12	1≈42	15°40	15°29	18°20	24°46	12°36	27°41	8°16	18°38	17°55	24° 8	8° 5	S 8
M 9	7 47 55	27°43'43	13°13	3°26	15°10	16°15	18°29	24°53	12°36	27°43	8°18	18°28	17°51	24°15	8°10	M 9
T 10	7 51 51	28°44'43	25° 6	5°10	14°42	17° 1	18°37	25° 0	12°36	27°45	8°20	18°20	17°48	24°21	8°14	T 10
W11	7 55 48	29°45'42	6 Ω 55	6°55	14°16	17°48	18°45	25° 7	12°36	27°47	8°22	18°15	17°45	24°28	8°19	W11
T 12	7 59 44	0≈46'40	18°45	8°40	13°52	18°34	18°52	25°14	12°D36	27°49	8°24	18°13	17°42	24°35	8°24	T 12
F 13	8 3 41	1°47'38	0 M .41	10°25	13°30	19°20	19° 0	25°22	12°36	27°51	8°26	18°D12	17°39	24°41	8°28	F 13
S 14	8 7 38	2°48'35	12°48	12°10	13°10	20° 7	19° 8	25°29	12°36	27°53	8°28	18°R12	17°36	24°48	8°33	S 14
S 15	8 11 34	3°49'31	25°12	13°55	12°53	20°53	19°15	25°36	12°36	27°55	8°30	18°12	17°32	24°55	8°38	S 15
M16	8 15 31	4°50'27	7 .₹ 57	15°40	12°38	21°40	19°22	25°43	12°37	27°57	8°32	18°11	17°29	25° 1	8°42	M16
T 17	8 19 27	5°51'21	21° 9	17°25	12°26	22°26	19°30	25°50	12°37	27°59	8°34	18° 7	17°26	25° 8	8°47	T 17
W18	8 23 24	6°52'15	4 ⋜ 48	19°10	12°16	23°13	19°37	25°57	12°37	28° 1	8°36	18° 0	17°23	25°15	8°52	W18
T 19	8 27 20	7°53'08	18°54	20°53	12° 9	24° 0	19°43	26° 4	12°37	28° 4	8°37	17°51	17°20	25°22	8°56	T 19
F 20	8 31 17	8°54'00	3≈24	22°36	12° 4	24°46	19°50	26°11	12°38	28° 6	8°39	17°40	17°17	25°28	9° 1	F 20
S 21	8 35 13	9°54'51	18°12	24°17	12°D 2	25°33	19°57	26°18	12°38	28° 8	8°41	17°27	17°13	25°35	9° 6	S 21
S 22	8 39 10	10°55'40	3 ∺ 9	25°57	12° 2	26°20	20° 3	26°25	12°39	28°10	8°43	17°16	17°10	25°42	9°10	S 22
M23	8 43 7	11°56'28	18° 4	27°34	12° 5	27° 6	20° 9	26°32	12°39	28°12	8°45	17° 6	17° 7	25°48	9°15	M23
T 24	8 47 3	12°57'14	2 Υ 51	29° 9	12° 9	27°53	20°16	26°39	12°40	28°15	8°47	16°59	17° 4	25°55	9°20	T 24
W25	8 51 0	13°57'59	17°22	0 ∺ 40	12°17	28°40	20°22	26°46	12°41	28°17	8°48	16°55	17° 1	26° 2	9°24	W25
T 26	8 54 56	14°58'42	1833	2° 8	12°26	29°26	20°27	26°53	12°41	28°19	8°50	16°53	16°57	26° 8	9°29	T 26
F 27	8 58 53	15°59'23	15°25	3°31	12°38	0≈13	20°33	26°59	12°42	28°21	8°52	16°53	16°54	26°15	9°34	F 27
S 28	9 2 49	17° 0'03	28°58	4°50	12°51	1° 0	20°38	27° 6	12°43	28°23	8°54	16°53	16°51	26°22	9°38	S 28
S 29	9 6 46	18° 0'41	12∏14	6° 2	13° 7	1°47	20°44	27°13	12°44	28°26	8°55	16°51	16°48	26°28	9°43	S 29
M30	9 10 42	19° 1'17	25°15	7° 8	1 <u>3°</u> 25	2°34	20°49	2 <u>7</u> °20	12°45	28°28	<u>8°57</u>	16°48	16°45	26°35	9°48	M30
T 31	9 14 39	20≈ 1'52	8 95 4	8 ∺ 7	13 る 45	3≈20	20 M .54	27 る 27	12 8 46	28≈30	8 云 59	16841	16842	26 M)42	9≈52	T 31

Day	0	D	ğ	Ф	ď	4	ħ)Å(¥	Р	W U	Ç	Š.
	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 M 2			24s 1 2s 23 47 2	0 16s35 5n32 2 16 28 5 43				15n21 0s21 15 21 0 21			17n43 17n19 17 42 17 18	6n31 6 28	
T 3	21 46 21 36	26 40 3 11	23 32 2	3 16 22 5 54		16 8 1 3	21 32 0 12	15 20 0 21 15 20 0 21	13 0 0 40	21 26 1 50	17 41 17 17 17 38 17 16	6 25 6 21	12 14 6 22
T 5	21 25		22 56 2		23 42 0 51	16 12 1 3	21 30 0 12	15 20 0 21 15 20 0 21 15 20 0 21	12 58 0 40	21 25 1 50	17 35 17 16 17 35 17 16 17 32 17 15	6 18 6 15	12 12 6 22
S 7	-			5 16 3 6 31				15 20 0 21			17 28 17 14	6 12	
S 8 M 9	20 52 20 40	10 50 4 35	21 26 2	4 15 59 6 38 3 15 56 6 45	23 23 0 53	16 21 1 4	21 25 0 12	15 20 0 21 15 20 0 21		21 25 1 50	17 25 17 13 17 22 17 12	6 9 6 6	12 9 6 21 12 8 6 21
T 10 W11	20 28 20 15	0 19 3 21	20 31 1 5		23 12 0 54	16 25 1 4	21 22 0 13	15 20 0 21 15 20 0 21	12 54 0 40	21 25 1 49	17 20 17 11 17 19 17 10		12 6 6 21
T 12 F 13 S 14		5s 4 2 30 10 19 1 32	19 29 1 5	3 15 49 7 2	23 6 0 54 23 0 0 55 23 54 0 55	16 29 1 4	21 20 0 13	15 20 0 21 15 20 0 21	12 53 0 40	21 25 1 49	17 18 17 9 17 18 17 8	5 53	12 5 6 21 12 4 6 21
S 14			18 56 1 4 18 21 1 4					15 20 0 21 15 20 0 20			17 18 17 8 17 18 17 7	5 50 5 47	
M16 T 17	19 6 18 51	23 23 1 43 25 57 2 45		3 15 49 7 7	22 40 0 56 22 33 0 56		21 15 0 13	15 20 0 20 15 20 0 20		-	17 17 17 6 17 16 17 5	5 41	
W18 T 19		26 31 4 23	15 49 1 1	9 15 52 7 6	22 26 0 57 22 18 0 57	16 40 1 5	21 12 0 13	15 21 0 20 15 21 0 20	12 48 0 40	21 25 1 49	17 14 17 4 17 12 17 3	5 37 5 34	11 57 6 20
F 20 S 21	18 5 17 49	-			22 10 0 57 22 2 0 58			15 21 0 20 15 21 0 20		21 25 1 49 21 25 1 49		5 31 5 28	
S 22 M23	17 32 17 15					16 45 1 5 16 47 1 5					17 2 17 0 16 59 16 59	5 25 5 22	
T 24 W25	16 58 16 41	2 5 3 30 4n32 2 29	12 17 0 3 11 34 0 1					15 22 0 20 15 22 0 20			16 57 16 59 16 56 16 58	5 18 5 15	
T 26 F 27	16 23 16 5				21 18 1 0	16 51 1 6 16 53 1 6		15 22 0 20 15 22 0 20			16 56 16 57 16 55 16 56	5 12	
S 28 S 29	15 47	21 1 1n 3 24 28 2 10						15 23 0 20 15 23 0 20			16 55 16 55 16 55 16 54		11 46 6 20 11 45 6 20
M30 T 31	15 10	26 33 3 8 27n10 3n55	8 8 0 5	1 16 24 6 28	20 48 1 1 20 38 1 1 20 s27 1s 1	16 56 1 6	20 59 0 14	15 23 0 20	12 40 0 40	21 24 1 48	16 55 16 54 16 54 16 53 16n52 16n52	4 59	

Julian Day Number = 2276237.5, Delta T = 247.16 sec

Ecliptic obliquity = $23^{\circ}30'12$, Nutation = $-0^{\circ}00'12$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = $18^{\circ}02'34$, Lahiri = $17^{\circ}09'34$ Julian Calendar 1 Jan. 1520 == Greg. Calendar 11 Jan. 1520

FEBRUARY 1520 JC 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ)∤(¥	Р	ß	Ω	ţ	Q K	Day
W 1	9 18 36	21≈ 2'24	209541	8) 58	14ට 6	4≈ 7	20 M .59	27 る 33	12847	28≈32	9 ට 0	16°R31	16 8 38	26 m 49	9≈57	W 1
T 2	9 22 32	22° 2'56	3 N 8	9°40	14°30	4°54	21° 4	27°40	12°48	28°35	9° 2	16 8 19	16°35	26°55	10° 2	T 2
F 3	9 26 29	23° 3'25	15°27	10°14	14°55	5°41	21° 8	27°47	12°49	28°37	9° 4	16° 5	16°32	27° 2	10° 6	F 3
S 4	9 30 25	24° 3'53	27°37	10°37	15°22	6°28	21°12	27°53	12°50	28°39	9° 5	15°50	16°29	27° 9	10°11	S 4
S 5	9 34 22	25° 4'19	9 m /39	10°51	15°50	7°15	21°17	28° 0	12°52	28°42	9° 7	15°37	16°26	27°15	10°15	S 5
M 6	9 38 18	26° 4'43	21°34	10°R55	16°21	8° 2	21°21	28° 7	12°53	28°44	9° 8	15°25	16°22	27°22	10°20	M 6
T 7	9 42 15	27° 5'06	3 ≏ 25	10°49	16°52	8°49	21°24	28°13	12°54	28°46	9°10	15°15	16°19	27°29	10°25	T 7
W 8	9 46 11	28° 5'28	15°14	10°32	17°25	9°36	21°28	28°20	12°56	28°48	9°11	15° 9	16°16	27°35	10°29	W 8
T 9	9 50 8	29° 5'48	27° 3	10° 7	18° 0	10°23	21°32	28°26	12°57	28°51	9°13	15° 5	16°13	27°42	10°34	T 9
F 10	9 54 5	0 米 6'06	8 M .58	9°32	18°36	11°10	21°35	28°33	12°59	28°53	9°14	15° 3	16°10	27°49	10°38	F 10
S 11	9 58 1	1° 6'23	21° 3	8°50	19°13	11°57	21°38	28°39	13° 0	28°55	9°16	15°D 3	16° 7	27°55	10°42	S 11
S 12	10 1 58	2° 6'39	3 ₹ 23	8° 1	19°51	12°44	21°41	28°45	13° 2	28°57	9°17	15°R 4	16° 3	28° 2	10°47	S 12
M13	10 5 54	3° 6'53	16° 4	7° 6	20°31	13°31	21°44	28°52	13° 3	29° 0	9°19	15° 3	16° 0	28° 9	10°51	M13
T 14	10 9 51	4° 7'05	29°10	6° 8	21°12	14°18	21°46	28°58	13° 5	29° 2	9°20	15° 0	15°57	28°16	10°56	T 14
W15	10 13 47	5° 7'16	12 る 46	5° 6	21°54	15° 5	21°49	29° 4	13° 7	29° 4	9°21	14°55	15°54	28°22	11° 0	W15
T 16	10 17 44	6° 7'26	26°51	4° 4	22°37	15°52	21°51	29°10	13° 8	29° 7	9°23	14°48	15°51	28°29	11° 5	T 16
F 17	10 21 40	7° 7'34	11≈25	3° 2	23°21	16°39	21°53	29°16	13°10	29° 9	9°24	14°38	15°48	28°36	11° 9	F 17
S 18	10 25 37	8° 7'40	26°21	2° 1	24° 5	17°26	21°55	29°22	13°12	29°11	9°25	14°28	15°44	28°42	11°13	S 18
S 19	10 29 34	9° 7'44	11) 32	1° 4	24°51	18°13	21°57	29°29	13°14	29°13	9°27	14°18	15°41	28°49	11°17	S 19
M20	10 33 30	10° 7'46	26°46	0°11	25°38	19° 0	21°58	29°34	13°16	29°16	9°28	14° 9	15°38	28°56	11°22	M20
T 21	10 37 27	11° 7'46	11 Y 53	29≈22	26°25	19°47	21°59	29°40	13°18	29°18	9°29	14° 3	15°35	29° 2	11°26	T 21
W22	10 41 23	12° 7'44	26°44	28°40	27°14	20°34	22° 1	29°46	13°20	29°20	9°30	14° 0	15°32	29° 9	11°30	W22
T 23	10 45 20	13° 7'40	11 8 13	28° 3	28° 3	21°21	22° 1	29°52	13°22	29°22	9°31	13°D58	15°28	29°16	11°34	T 23
F 24	10 49 16	14° 7'34	25°17	27°32	28°53	22° 8	22° 2	29°58	13°24	29°25	9°32	13°59	15°25	29°22	11°38	F 24
S 25	10 53 13	15° 7'25	8П56	27° 8	29°43	22°55	22° 3	0≈ 4	13°26	29°27	9°34	13°R59	15°22	29°29	11°42	S 25
S 26	10 57 9	16° 7'15	22°12	26°51	0≈35	23°42	22° 3	0° 9	13°28	29°29	9°35	13°59	15°19	29°36	11°47	S 26
M27	11 1 6	17° 7'02	5 9 7	26°40	1°27	24°29	22°R 3	0°15	13°31	29°31	9°36	13°58	15°16	29°42	11°51	M27
T 28	11 5 3	18° 6'46	17°46	26°D35	2°19	25°16	22° 3	0°20	13°33	29°33	9°37	13°54	15°13	29°49	11°55	T 28
W29	11 8 59	19 米 6'29	$0\Omega 11$	26≈37	3≈13	26≈ 3	22 m 3	0≈26	13 8 35	29≈36	9 云 38	13 8 47	15 8 9	29 Mp 56	11≈59	W29

Day	0	D		ğ	•	ç	2	C	7		4		ħ	l);	f(, ‡	(В		ß	Ω	¢	Š	
	decl	decl lat	t	decl	lat	decl	lat	decl	lat	de	el la	t	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14 s31	26n21 4	4n30	6 s 5 8	1n22	16s31	6n17	20 s17	1 s 2	16s5	59	ln 7	20s56	0s14	15n24	0 s 2 0	12 s38	0 s40	21 s24	1n48	16n49	16n51	4n53	11 s41	6n21
T 2	14 12	24 14 4	4 52	6 27	1 38	16 34	6 11	20 6	1 2	17	0	1 7	20 55	0 14	15 24	0 20	12 37	0 40	21 24	1 48	16 46	16 50	4 50	11 40	6 21
F 3	13 52	21 1 4	4 59	6 0	1 53	16 38	6 5	19 54	1 2	17	1	1 7	20 54	0 14	15 25	0 20	12 37	0 40	21 24	1 48	16 42	16 49	4 47	11 39	6 21
S 4	13 32	16 55 4	4 53	5 37	2 9	16 41	5 58	19 43	1 3	17	2	1 7	20 52	0 14	15 25	0 20	12 36	0 40	21 24	1 48	16 37	16 49	4 43	11 37	6 21
S 5	13 12	12 12 4	4 34	5 18	2 24	16 44	5 52	19 31	1 3	17	3	1 7	20 51	0 14	15 25	0 20	12 35	0 40	21 24	1 48	16 33	16 48	4 40	11 36	6 21
M 6	12 52	7 4 4	4 3	5 3	2 39	16 47	5 45	19 20	1 3	17			20 50	0 15	15 26	0 20	12 34	0 40	21 24	1 48	16 30	16 47	4 37	11 35	6 21
T 7	12 31	1 43 3	3 21	4 53	2 52	16 50	5 39	19 8	1 4	17	5	1 7	20 49	0 15	15 26	0 20	12 34	0 40	21 24	1 48	16 27	16 46	4 34	11 34	6 21
W 8	12 10	3 s41 2	2 31	4 47	3 5	16 52	5 32	18 55	1 4	17	5	1 8	20 48	0 15	15 27	0 20	12 33	0 40	21 24	1 48	16 25	16 45	4 31	11 32	6 21
T 9	11 49	8 59 1	1 34	4 46	3 16	16 55	5 25	18 43	1 4	17	6	1 8	20 46	0 15	15 27	0 20	12 32	0 40	21 24	1 48	16 24	16 44	4 27	11 31	6 21
F 10	11 28	14 1 0	32	4 50	3 25	16 57	5 18	18 30	1 4	17	7	1 8	20 45	0 15	15 28	0 20	12 31	0 40	21 24	1 47	16 24	16 43	4 24	11 30	6 21
S 11	11 7	18 35 0	0s32	4 59	3 33	16 59	5 11	18 17	1 5	17	8	1 8	20 44	0 15	15 28	0 20	12 30	0 40	21 24	1 47	16 24	16 42	4 21	11 28	6 21
S 12	10 45			5 12			5 4	18 4			8		20 43	0 15	15 29	0 20	12 30	0 40	21 24	1 47	16 24	16 41	4 18	11 27	6 22
M13	10 23	25 22 2	2 37	5 29	3 43	17 2	4 57	17 51	1 5	17	9	1 8	20 41	0 15	15 29	0 20	12 29	0 40	21 23	1 47	16 24	16 40	4 14	11 26	6 22
T 14	10 2	27 2 3	3 32	5 49	3 44	17 3		17 38		17			20 40	0 15	15 30	0 20	12 28	0 40	21 23	1 47	16 23	16 39	4 11	11 25	6 22
W15	9 40	27 9 4	4 17	6 12	3 44	17 4		17 24		17 1	-	1 9	20 39	0 15	15 30	0 20	12 27	0 40	21 23	1 47	16 21	16 38	4 8	11 23	6 22
T 16	9 17	25 33 4	4 48	6 37	3 41	17 4	4 36	17 10	1 6	17 1	0	1 9	20 38	0 15	15 31	0 20	12 26	0 40	21 23	1 47	16 19	16 38	4 5	11 22	6 22
F 17	8 55	22 14 5	5 2	7 4	3 36		4 29	16 56	1 6	17 1			20 37	0 16	15 31	0 20	12 26	0 40	21 23			16 37		11 21	6 22
S 18	8 33	17 24 4	4 56	7 31	3 29	17 4	4 21	16 42	1 6	17 1	1 1	1 9	20 35	0 16	15 32	0 20	12 25	0 40	21 23	1 47	16 13	16 36	3 58	11 19	6 22
S 19	8 10	11 24 4	4 30	7 59	3 21	17 3		16 28		17 1			20 34	0 16	15 32	0 20	12 24		21 23	1 47		16 35		11 18	6 23
M20	7 47			8 27	3 11			16 13		17 1			20 33		15 33		12 23		21 23	1 47		16 34		11 17	6 23
T 21	7 25		2 42	8 55	3 0			15 59		17 1			20 32		15 34		12 23		21 23	1 47		16 33		11 15	6 23
W22	7 2		1 31	9 21	2 48			15 44		17 1			20 31		15 34		12 22		21 23	1 47		16 32		11 14	6 23
T 23	6 39) 15	9 46				15 29		17 1			20 30		15 35		12 21		21 23	1 47		16 31	-	11 13	6 23
F 24	6 16		ln 0	-	2 21			15 14		17 1			20 28		15 36		12 20		21 23	1 47		16 30		11 12	6 23
S 25	5 53	23 59 2	2 9	10 31	2 7	16 50	3 31	14 59	1 8	17	2	1 10	20 27	0 16	15 36	0 19	12 20	0 40	21 23	1 47	16 5	16 29	3 36	11 10	6 24
S 26	5 29	26 26 3	3 10	10 50	1 52	16 46	3 24	14 43	1 8	17	2	1 10	20 26	0 16	15 37	0 19	12 19	0 40	21 23	1 47	16 5	16 28	3 33	11 9	6 24
M27	5 6	27 23 3	3 59	11 8	1 38	16 42	3 16	14 28	1 8	17 1	2	1 10	20 25	0 16	15 38	0 19	12 18	0 40	21 23	1 47	16 4	16 27	3 29	11 8	6 24
T 28	4 43	26 51 4	4 35	11 23	1 23	16 37	3 9	14 12	1 8	17 1	2	1 10	20 24	0 16	15 38	0 19	12 17	0 40	21 23	1 47	16 3	16 26	3 26	11 6	6 24
W29	4s19	25n 0 4	4n57	11s36	1n 9	16 s 32	3n 2	13 s56	1 s 8	17s	2	ln10	20 s23	0s17	15n39	0s19	12s16	0 s40	$21\mathrm{s}23$	1n47	16n 1	16n26	3n23	11s 5	6n24

Julian Day Number = 2276268.5, Delta T = 246.97 sec

Ecliptic obliquity = $23^{\circ}30'12$, Nutation = $-0^{\circ}00'11$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°02'38, Lahiri = 17°09'39 Julian Calendar 1 Feb. 1520 == Greg. Calendar 11 Feb. 1520

MARCH 1520 JC 00:00 UT

Day	Sid.t	0	D	ğ	Q	♂ [™]	24	ħ)ţ(¥	Р	R	Ω	Ç	ķ	Day
T 1	11 12 56	20 ¥ 6'09	12Ω26	26≈44	4≈ 6	26≈50	22°R 3	0≈31	13838	29≈38	9 ට 39	13°R39	158 6	0 <u>요</u> 2	12≈ 2	T 1
F 2	11 16 52	21° 5'47	24°32	26°57	5° 1	27°37	22 N 3	0°37	13°40	29°40	9°40	13829	15° 3	0° 9	12° 6	F 2
S 3	11 20 49	22° 5'23	6Mp32	27°15	5°56	28°24	22° 1	0°42	13°42	29°42	9°40	13°19	15° 0	0°16	12°10	S 3
G 4	11 24 45	23° 4'56		27°39	6°51	29°11	22° 0	0047	13°45	29°44	9°41	13° 9	14°57	0022	12°14	C 4
S 4 M 5	11 24 45	23° 4'56 24° 4'28	18°27 0 Ω 18	27°39 28° 7	7°47	29°11 29°58	21°59	0°47 0°53	13°45 13°47	29°44 29°46	9°41 9°42	13° 9	14°57 14°54	0°23 0°29	12°14 12°18	S 4 M 5
T 6	11 28 42	24 4 28 25° 3'57	12° 7	28°39	8°44	0)(45	21°58	0°58	13°50	29°48	9°42	13°54	14°50	0°36	12°18	T 6
W 7	11 36 35	26° 3'25	23°57	29°16	9°41	1°32	21°56	1° 3	13°52	29°50	9°44	12°50	14°47	0°43	12°25	W 7
T 8	11 40 32	27° 2'51	5 M .50	29°57	10°39	2°19	21°55	1° 8	13°55	29°53	9°44	12°48	14°44	0°49	12°29	T 8
F 9	11 44 28	28° 2'14	17°48	0 ¥ 41	11°36	3° 6	21°53	1°13	13°58	29°55	9°45	12°D48	14°41	0°56	12°33	F 9
S 10	11 48 25	29° 1'36	29°56	1°29	12°35	3°53	21°51	1°18	14° 0	29°57	9°46	12°49	14°38	1° 3	12°36	S 10
S 11	11 52 21	0Υ 0'57	12 × 17	2°21	13°34	4°40	21°49	1°22	14° 3	29°59	9°47	12°50	14°34	1° 9	12°40	S 11
M12	11 56 18	1° 0'15	24°56	3°15	13°34	5°27	21°46	1°27	14° 6	0 ₩ 1	9°47	12°51	14°31	1°16	12°43	M12
T 13	12 0 14	1°59'32	7 국 58	4°12	15°32	6°14	21°44	1°32	14° 9	0° 3	9°48	12°R51	14°28	1°23	12°47	T 13
W14	12 4 11	2°58'47	21°26	5°13	16°32	7° 1	21°41	1°36	14°11	0° 5	9°48	12°50	14°25	1°29	12°50	W14
T 15	12 8 7	3°58'00	5 ≈ 22	6°15	17°33	7°48	21°38	1°41	14°14	0° 7	9°49	12°47	14°22	1°36	12°53	T 15
F 16	12 12 4	4°57'11	19°46	7°21	18°33	8°35	21°35	1°45	14°17	0° 9	9°49	12°42	14°19	1°43	12°57	F 16
S 17	12 16 1	5°56'21	4) (34	8°29	19°34	9°22	21°31	1°50	14°20	0°11	9°50	12°36	14°15	1°49	13° 0	S 17
S 18	12 19 57	6°55'28	19°40	9°39	20°36	10° 9	21°28	1°54	14°23	0°13	9°50	12°31	14°12	1°56	13° 3	S 18
M19	12 23 54	7°54'34	4Υ55	10°51	21°37	10°56	21°24	1°58	14°26	0°14	9°51	12°27	14° 9	2° 3	13° 6	M19
T 20	12 27 50	8°53'37	20° 9	12° 6	22°39	11°42	21°20	2° 2	14°29	0°16	9°51	12°23	14° 6	2° 9	13° 9	T 20
W21	12 31 47	9°52'38	5811	13°22	23°42	12°29	21°16	2° 6	14°32	0°18	9°52	12°D22	14° 3	2°16	13°13	W21
T 22	12 35 43	10°51'38	19°53	14°41	24°44	13°16	21°12	2°10	14°35	0°20	9°52	12°22	13°59	2°23	13°16	T 22
F 23	12 39 40	11°50'35	4 Ⅱ 10	16° 1	25°47	14° 3	21° 8	2°14	14°38	0°22	9°52	12°23	13°56	2°29	13°19	F 23
S 24	12 43 36	12°49'30	18° 1	17°23	26°50	14°50	21° 3	2°18	14°41	0°24	9°53	12°24	13°53	2°36	13°21	S 24
S 25	12 47 33	13°48'22	19524	18°47	27°53	15°36	20°59	2°22	14°44	0°26	9°53	12°26	13°50	2°43	13°24	S 25
M26	12 51 30	14°47'12	14°24	20°13	28°56	16°23	20°54	2°25	14°47	0°27	9°53	12°R26	13°47	2°50	13°27	M26
T 27	12 55 26	15°46'00	27° 3	21°41	0 ∺ 0	17°10	20°49	2°29	14°50	0°29	9°53	12°26	13°44	2°56	13°30	T 27
W28	12 59 23	16°44'46	9 Ω 25	23°10	1° 4	17°56	20°44	2°32	14°53	0°31	9°53	12°24	13°40	3° 3	13°33	W28
T 29	13 3 19	17°43'29	21°34	24°41	2° 8	18°43	20°39	2°36	14°57	0°32	9°53	12°21	13°37	3°10	13°35	T 29
F 30	13 7 16	18°42'10	3 m 33	26°14	3°13	19°30	20°33	2°39	15° 0	0°34	<u>9°54</u>	12°18	13°34	3°16	13°38	F 30
S 31	13 11 12	19 ° 40'49	15 m)27	27) 48	4) (17	20 米 16	20M28	2≈42	15 8 3	0 ∺ 36	9 ⋜ 54	12 8 14	13 8 31	3 ₾ 23	13 ≈ 40	S 31

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T	1 3 s	s56	22n 0	5n 5	11 s47	0n55	16 s 27	2n55	13 s40	1 s	8 17	's11	1n11	20 s22	0s17	15n40	0s19	12s16	0 s40	21 s23	1n46	15n59	16n25	3n20	11s 4	6n25
F	2 3	32	18 5	5 0	11 55	0 41	16 21	2 48	13 24	1	9 17	11	1 11	20 21	0 17	15 41	0 19	12 15	0 40	21 23	1 46	15 56	16 24	3 16	11 3	6 25
S	3 3	9	13 29	4 41	12 2	0 27	16 14	2 41	13 8	1	9 17	11	1 11	20 20	0 17	15 41	0 19	12 14	0 40	21 23	1 46	15 53	16 23	3 13	11 1	6 25
S	4 2	45	8 25	4 10	12 6	0 14	16 7	2 34	12 52	1	9 17	10	1 11	20 19	0 17	15 42	0 19	12 14	0 40	21 23	1 46	15 50	16 22	3 10	11 0	6 25
M	5 2	22	3 4	3 28	12 9	0 1	16 0	2 27	12 35	1	9 17	10	1 11	20 18	0 17	15 43	0 19	12 13	0 40	21 23	1 46	15 47	16 21	3 7	10 59	6 26
T	6 1	58	2 s23	2 38	12 9	0s11	15 52	2 21	12 19	1	9 17	10	1 11	20 17	0 17	15 44	0 19	12 12	0 40	21 23	1 46	15 45	16 20	3 3	10 58	6 26
W	7 1	34	7 46	1 40	12 7	0 23	15 43	2 14	12 2	1	9 17	9	1 11	20 16	0 17	15 44	0 19	12 11	0 40	21 23	1 46	15 44	16 19	3 0	10 56	6 26
T	8 1	11	12 55	0 38	12 3	0 34	15 35	2 7	11 45	1	9 17	9	1 12	20 15	0 17	15 45	0 19	12 11	0 40	21 23	1 46	15 43	16 18	2 57	10 55	6 26
1 -	-	47	17 37	0 s27	11 58	0 45	15 25	2 0	11 28	1	9 17	8	1 12	20 14	0 17	15 46	0 19	12 10	0 41	21 23	1 46	15 43	16 17	2 54	10 54	6 27
S 1	0 0	23	21 41	1 32	11 50	0 55	15 15	1 54	11 11	1	9 17	7	1 12	20 13	0 18	15 47	0 19	12 9	0 41	21 23	1 46	15 44	16 16	2 50	10 53	6 27
S 1	1 0n	n 0	24 51	2 33	11 41	1 5	15 5	1 47	10 54	1	9 17	7	1 12	20 12	0 18	15 48	0 19	12 9	0 41	21 23	1 46	15 44	16 15	2 47	10 51	6 27
Ml	2 0	24	26 53	3 29	11 30	1 15	14 54	1 41	10 37	1	9 17	6	1 12	20 11	0 18	15 48	0 19	12 8	0 41	21 23	1 46	15 44	16 14	2 44	10 50	6 28
T 1	3 0	48	27 31	4 15	11 17	1 23	14 43	1 34	10 19	1	9 17	5	1 12	20 10	0 18	15 49	0 19	12 7	0 41	21 23	1 46	15 44	16 13	2 41	10 49	6 28
Wl	4 1	11	26 33	4 49	11 3	1 32	14 31	1 28	10 2	1	9 17	4	1 12	20 9	0 18	15 50	0 19	12 6	0 41	21 23	1 46	15 44	16 12	2 37	10 48	6 28
T 1	5 1	35	23 57	5 8	10 47	1 39	14 19	1 22	9 44	1 1	0 17	3	1 12	20 8	0 18	15 51	0 19	12 6	0 41	21 23	1 46	15 43	16 11	2 34	10 46	6 28
F 1	6 1	58	19 48	5 8	10 29	1 47	14 6	1 16	9 27	1 1	0 17	2	1 12	20 7	0 18	15 52	0 19	12 5	0 41	21 23	1 46	15 41	16 11	2 31	10 45	6 29
S 1	7 2	22	14 20	4 48	10 10	1 53	13 53	1 10	9 9	1 1	0 17	1	1 13	20 6	0 18	15 53	0 19	12 4	0 41	21 23	1 46	15 40	16 10	2 28	10 44	6 29
S 1	8 2	45	7 54	4 8	9 49	1 59	13 40	1 4	8 51	1 1	0 17	0	1 13	20 5	0 18	15 54	0 19	12 4	0 41	21 23	1 46	15 38	16 9	2 24	10 43	6 29
Ml	9 3	9	0 57	3 10	9 27	2 5	13 26	0 58	8 34	1 1	0 16	59	1 13	20 4	0 18	15 55	0 19	12 3	0 41	21 23	1 46	15 37	16 8	2 21	10 42	6 30
T 2	0 3	32	6n 4	1 58	9 3	2 10	13 11	0 52	8 16	1 1	0 16	58	1 13	20 4	0 19	15 55	0 19	12 2	0 41	21 23	1 46	15 36	16 7	2 18	10 41	6 30
W2		55	12 40	0 39	8 38	2 15	12 56	0 46	7 58	1 1	0 16	57	1 13	20 3	0 19	15 56	0 19	12 2	0 41	21 23	1 46	15 35	16 6	2 15	10 39	6 30
T 2		19	18 25	0n41	8 11	2 19	12 41	0 40	7 40	1 1	0 16	56	1 13	20 2	0 19	15 57	0 19	12 1	0 41	21 23	1 46	15 35	16 5	2 11	10 38	6 31
F 2		42	22 57	1 57	7 43				7 22	1 1			1 13			15 58			-	21 23	1 46		16 4		10 37	6 31
S 2	4 5	5	26 0	3 3	7 14	2 26	12 9	0 29	7 4	1	9 16	54	1 13	20 1	0 19	15 59	0 19	12 0	0 41	21 23	1 46	15 36	16 3	2 5	10 36	6 31
S 2	5 5	28	27 27	3 57	6 43	2 28	11 52	0 24	6 45	1	9 16	52	1 13	20 0	0 19	16 0	0 19	11 59	0 41	21 23	1 45	15 37	16 2	2 2	10 35	6 32
M2	6 5	51	27 19	4 37	6 11	2 30	11 35	0 18	6 27	1	9 16	51	1 13	19 59	0 19	16 1	0 19	11 59	0 41	21 23	1 45	15 37	16 1	1 58	10 34	6 32
T 2		13	25 45	5 3	5 38	2 32	11 18	0 13	6 9	1	9 16	50	1 13	19 58	0 19	16 2	0 19	11 58	0 41	21 23	1 45	15 37	16 0	1 55	10 33	6 32
W2	-	36	22 58	5 13	5 3	2 33	11 0	0 8	5 50	1	9 16	48	1 14	19 58	0 19	16 3		11 58		21 23	1 45	15 36	15 59	1 52	10 32	6 33
T 2	-	58	19 14	5 10	4 27	2 33		0 3	5 32	1	9 16	47	1 14	19 57	0 20	16 4	0 19	11 57	-	_	1 45		15 58	1 48	10 30	6 33
F 3	-		14 46	4 53	3 51	2 33		0s 2	5 14	1	9 16	45	1 14	19 56	0 20	16 5	0 19	11 56		21 23	1 45	15 34	15 57		10 29	6 33
S 3	1 7n	n43	9n47	4n23	3 s12	2 s 3 2	10s 4	0s 7	4 s55	1 s	9 16	s44	1n14	19s56	0 s 2 0	16n 6	0s19	11s56	0 s41	21 s23	1n45	15n33	15n56	1n42	10 s28	6n34

Julian Day Number = 2276297.5, Delta T = 246.79 sec

Ecliptic obliquity = $23^{\circ}30'13$, Nutation = $-0^{\circ}00'11$, out-of-bounds declination in red

APRIL 1520 JC 00:00 UT

VI 1/3	L 132	, ,,													00.0	0 0 1
Day	Sid.t	0	D	ğ	Ş	ď	4	ħ)∤(¥	Р	S.	v	Ç	ķ	Day
S 1	13 15 9	20 Y 39'26	27 m 17	29) (24	5) €22	21 米 3	20°R22	2≈45	15 8 6	0) €37	9 ප 54	12°R10	13828	3 ჲ 30	13≈43	S 1
M 2	13 19 5	21°38'00	9 <u>م</u> 7	1 Υ 2	6°27	21°49	20 M .17	2°48	15° 9	0°39	9°R54	128 7	13°25	3°36	13°45	M 2
T 3	13 23 2	22°36'33	20°58	2°41	7°32	22°36	20°11	2°51	15°13	0°41	9°54	12° 5	13°21	3°43	13°48	T 3
W 4	13 26 58	23°35'04	2 M 52	4°22	8°38	23°22	20° 5	2°54	15°16	0°42	9°54	12° 3	13°18	3°50	13°50	W 4
T 5	13 30 55	24°33'33	14°52	6° 5	9°43	24° 9	19°58	2°57	15°19	0°44	9°53	12°D 3	13°15	3°56	13°52	T 5
F 6	13 34 52	25°32'00	27° 0	7°49	10°49	24°55	19°52	3° 0	15°23	0°45	9°53	12° 4	13°12	4° 3	13°54	F 6
S 7	13 38 48	26°30'25	9 ∡ 17	9°35	11°55	25°41	19°46	3° 2	15°26	0°47	9°53	12° 5	13° 9	4°10	13°56	S 7
S 8	13 42 45	27°28'49	21°47	11°23	13° 1	26°28	19°39	3° 5	15°29	0°48	9°53	12° 6	13° 5	4°16	13°59	S 8
M 9	13 46 41	28°27'11	4 궁 33	13°12	14° 7	27°14	19°33	3° 7	15°33	0°50	9°53	12° 7	13° 2	4°23	14° 1	M 9
T 10	13 50 38	29°25'32	17°37	15° 3	15°13	28° 0	19°26	3°10	15°36	0°51	9°53	12° 8	12°59	4°30	14° 3	T 10
W11	13 54 34	0823'51	1≈ 2	16°56	16°20	28°47	19°19	3°12	15°39	0°52	9°52	12°R 8	12°56	4°36	14° 4	W11
T 12	13 58 31	1°22'08	14°50	18°51	17°27	29°33	19°12	3°14	15°43	0°54	9°52	12° 8	12°53	4°43	14° 6	T 12
F 13	14 2 27	2°20'24	29° 0	20°47	18°33	0 Υ 19	19° 5	3°16	15°46	0°55	9°52	12° 7	12°50	4°50	14° 8	F 13
S 14	14 6 24	3°18'38	13 米 32	22°45	19°40	1° 5	18°58	3°18	15°50	0°56	9°51	12° 6	12°46	4°56	14°10	S 14
S 15	14 10 21	4°16'51	28°20	24°44	20°48	1°51	18°51	3°20	15°53	0°58	9°51	12° 5	12°43	5° 3	14°11	S 15
M16	14 14 17	5°15'02	13 Y 19	26°45	21°55	2°37	18°44	3°22	15°56	0°59	9°51	12° 5	12°40	5°10	14°13	M16
T 17	14 18 14	6°13'12	28°22	28°48	23° 2	3°23	18°37	3°24	16° 0	1° 0	9°50	12° 4	12°37	5°16	14°14	T 17
W18	14 22 10	7°11'20	13 8 18	0 8 52	24°10	4° 9	18°30	3°25	16° 3	1° 1	9°50	12°D 4	12°34	5°23	14°16	W18
T 19	14 26 7	8° 9'27	28° 1	2°58	25°17	4°55	18°22	3°27	16° 7	1° 2	9°49	12° 4	12°31	5°30	14°17	T 19
F 20	14 30 3	9° 7'31	12 II 23	5° 5	26°25	5°41	18°15	3°28	16°10	1° 3	9°49	12° 5	12°27	5°36	14°19	F 20
S 21	14 34 0	10° 5'34	26°21	7°13	27°33	6°27	18° 7	3°29	16°14	1° 5	9°48	12° 5	12°24	5°43	14°20	S 21
S 22	14 37 56	11° 3'35	9952	9°22	28°41	7°13	18° 0	3°31	16°17	1° 6	9°48	12° 5	12°21	5°50	14°21	S 22
M23	14 41 53	12° 1'34	22°59	11°31	29°49	7°59	17°52	3°32	16°21	1° 7	9°47	12°R 5	12°18	5°56	14°22	M23
T 24	14 45 50	12°59'31	5 Ω 42	13°42	0 Υ 57	8°45	17°45	3°33	16°24	1° 8	9°46	12° 5	12°15	6° 3	14°23	T 24
W25	14 49 46	13°57'27	18° 6	15°53	2° 5	9°30	17°37	3°34	16°28	1° 9	9°46	12°D 5	12°11	6°10	14°24	W25
T 26	14 53 43	14°55'20	0 Mp 15	18° 3	3°13	10°16	17°29	3°34	16°31	1°10	9°45	12° 5	12° 8	6°16	14°25	T 26
F 27	14 57 39	15°53'12	12°13	20°14	4°22	11° 2	17°22	3°35	16°35	1°11	9°44	12° 5	12° 5	6°23	14°26	F 27
S 28	15 1 36	16°51'02	24° 4	22°24	5°30	11°47	17°14	3°36	16°38	1°11	9°44	12° 6	12° 2	6°30	14°27	S 28
S 29	15 5 32	17°48'50	5 ≙ 53	24°33	6°39	12°33	17° 7	3°36	16°42	1°12	<u>9°43</u>	12° 6	11°59	6°36	14°28	S 29
M30	15 9 29	18 8 46'36	17 ≏ 43	26 8 42	7 Υ 47	13 Y 18	16M59	3≈37	16 8 45	1) 13	9 궁 42	128 7	11856	6 ₽ 43	14≈28	M30

Day	0	Ş)	ğ	5	ç	2	ď	7		2	ł	ŧ	1)	β (j	t	Е)	n	U	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	8n 5	4n29	3n42	2 s33	2 s 3 1	9 s45	0s12	4 s37	1 s	9 1	6 s42	1n14	19s55	0 s20	16n 7	0s19	11 s55	0 s41	21 s23	1n45	15n32	15n55	1n39	10 s27	6n34
M 2	8 27	0s59	2 52	1 53	2 30	9 25	0 16	4 18	1	9 1	6 41	1 14	19 54	0 20	16 8	0 19	11 55	0 41	21 23	1 45	15 31	15 54	1 35	10 26	6 35
T 3	8 49	6 27	1 54	1 11	2 28	9 5	0 21	4 0	1	9 1	6 39	1 14	19 54	0 20	16 9	0 19	11 54	0 41	21 23	1 45	15 30	15 53	1 32	10 25	6 35
W 4	9 11	11 42	0 51	0 29	2 25	8 45	0 25	3 41	1	9 1	6 37	1 14	19 53	0 20	16 10	0 19	11 54	0 41	21 23	1 45	15 30	15 52	1 29	10 24	6 35
T 5	9 32	16 35	0s16	0n15	2 22	8 24	0 30	3 23	1	8 1	6 36	1 14	19 53	0 20	16 10	0 19	11 53	0 41	21 23	1 45	15 30	15 51	1 26	10 23	6 36
F 6	9 54	20 52	1 22	1 0	2 18	8 3	0 34	3 4	1	8 1	6 34	1 14	19 52	0 20	16 11	0 19	11 53	0 41	21 23	1 45	15 30	15 51	1 22	10 22	6 36
S 7	10 15	24 17	2 25	1 45	2 14	7 42	0 38	2 46	1	8 1	6 32	1 14	19 52	0 21	16 12	0 19	11 52	0 41	21 23	1 45	15 30	15 50	1 19	10 21	6 36
S 8	10 36	26 37	3 23	2 32	2 9	7 21	0 42	2 27	1	8 1	6 30	1 14	19 51	0 21	16 13	0 19	11 52	0 41	21 24	1 45	15 31	15 49	1 16	10 20	6 37
M 9	10 57	27 37	4 11	3 20	2 4	6 59	0 46	2 8	1	8 1	6 29	1 14	19 51	0 21	16 14	0 19	11 51	0 41	21 24	1 45	15 31	15 48	1 12	10 19	6 37
T 10	11 18	27 6	4 48	4 8	1 58	6 37	0 50	1 50	1	8 1	6 27	1 14	19 50	0 21	16 15	0 19	11 51	0 41	21 24	1 45	15 31	15 47	1 9	10 18	6 38
W11	11 39	25 2	5 11	4 57	1 52	6 14	0 54	1 31	1	7 1	6 25	1 14	19 50	0 21	16 16	0 19	11 50	0 41	21 24	1 45	15 31	15 46	1 6	10 18	6 38
T 12	11 59	21 28	5 17	5 47	1 45	5 52	0 58	1 13	1	7 1	6 23	1 14	19 50	0 21	16 17	0 19	11 50	0 41	21 24	1 45	15 31	15 45	1 3	10 17	6 38
F 13	12 19	16 35	5 3	6 37	1 38	5 29	1 1	0 54	1	7 1	6 21	1 14	19 49	0 21	16 18	0 19	11 49	0 41	21 24	1 45	15 31	15 44	0 59	10 16	6 39
S 14	12 39	10 39	4 31	7 28	1 30	5 6	1 5	0 35	1	7 1	6 19	1 14	19 49	0 21	16 19	0 19	11 49	0 41	21 24	1 45	15 31	15 43	0 56	10 15	6 39
S 15	12 59	4 1	3 40	8 20	1 22	4 42	1 8	0 17			6 17		19 49		16 20		11 49		21 24			15 42		10 14	6 40
M16	13 18	2n56	2 33	9 12		4 19	1 12	0n 2		-	6 15		19 48		16 21		11 48		21 24			15 41		10 13	6 40
T 17	13 38	9 45	1 15		1 5	3 55	1 15	0 20			6 14		19 48		16 22		11 48		21 24			15 40		10 12	6 40
W18		15 59		10 57	0 55	3 31	1 18	0 39			6 12		19 48		16 23		11 47		21 24			15 39		10 12	6 41
T 19	-	21 11		11 49	0 46	3 7	1 21	0 57			6 10		19 48		16 24		11 47		21 24			15 38		10 11	6 41
F 20	14 35	24 59	2 41	12 41	0 36	2 42	1 24	1 16	1	5 1	6 8	1 14	19 47	0 22	16 25	0 19	11 47		21 24			15 37		10 10	6 42
S 21	14 53	27 9	3 42	13 33	0 26	2 18	1 26	1 34	1	5 1	6 5	1 14	19 47	0 22	16 26	0 19	11 46	0 42	21 24	1 44	15 30	15 36	0 33	10 9	6 42
S 22	15 11	27 36	4 29	14 25	0 15	1 53	1 29	1 53	1	5 1	6 3	1 14	19 47	0 22	16 27	0 19	11 46	0 42	21 25	1 44	15 30	15 35	0 30	10 8	6 43
M23	15 29	26 28	5 0	15 15	0 5	1 28	1 31	2 11	1	5 1	6 1	1 14	19 47	0 22	16 28	0 19	11 46	0 42	21 25	1 44	15 30	15 34	0 26	10 8	6 43
T 24	15 47	23 59	5 15	16 5	0n 6	1 3	1 34	2 29	1	4 1	5 59	1 14	19 47	0 22	16 29	0 19	11 45	0 42	21 25	1 44	15 30	15 33	0 23	10 7	6 43
W25	16 4	20 27	5 16	16 54	0 16	0 38	1 36	2 48	1	4 1	5 57	1 14	19 47	0 23	16 31	0 19	11 45	0 42	21 25	1 44	15 30	15 32	0 20	10 6	6 44
T 26	16 21	16 7	5 2	17 41	0 27	0 13	1 38	3 6	1	4 1	5 55	1 14	19 46	0 23	16 32	0 19	11 45	0 42	21 25	1 44	15 30	15 31	0 16	10 6	6 44
F 27	16 38	11 14	4 35	18 27	0 37	0n12	1 41	3 24	1	4 1	5 53	1 13	19 46	0 23	16 33	0 19	11 44	0 42	21 25	1 44	15 30	15 30	0 13	10 5	6 45
S 28	16 55	5 59	3 56	19 11	0 47	0 37	1 43	3 42	1	3 1	5 51	1 13	19 46	0 23	16 34	0 19	11 44	0 42	21 25	1 44	15 30	15 29	0 10	10 4	6 45
S 29	17 11	0 32	3 8	19 53	0 57	1 3	1 44	4 0	1	3 1	5 49	1 13	19 46	0 23	16 35	0 18	11 44	0 42	21 25	1 44	15 31	15 28	0 7	10 4	6 46
M30	17n27	4s57	2n11	20n33	1n 7	1n28	1 s46	4n18	1 s	3 1	5 s47	1n13	19 s46	0 s23	16n36	0s18	11 s43	0 s42	21 s25	1n44	15n31	15n27	0n 3	10s 3	6n46

Julian Day Number = 2276328.5, Delta T = 246.60 sec

Ecliptic obliquity = 23°30'13, Nutation = -0°00'12, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 18°02'47, Lahiri = 17°09'47 Julian Calendar 1 Apr. 1520 == Greg. Calendar 11 Apr. 1520

MAY 1520 JC 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ð	4	ħ)ب(¥	Р	r	v	Ç	κ _O	Day
T 1	15 13 25	19844'21	29 ॒ 38	28849	8 Y 56	14 Y 4	16°R51	3≈37	16 8 49	1) (14	9°R41	128 7	11852	6 ₽ 50	14≈29	T 1
W 2	15 17 22	20°42'05	11 M 40	0∏54	10° 5	14°49	16 M .44	3°37	16°52	1°15	9 ප් 40	12°R 8	11°49	6°56	14°30	W 2
T 3	15 21 19	21°39'47	23°51	2°58	11°14	15°34	16°36	3°37	16°56	1°15	9°40	12° 7	11°46	7° 3	14°30	T 3
F 4	15 25 15	22°37'28	6 ₹ 13	4°59	12°23	16°20	16°28	3°R37	16°59	1°16	9°39	12° 7	11°43	7°10	14°30	F 4
S 5	15 29 12	23°35'08	18°47	6°59	13°32	17° 5	16°21	3°37	17° 3	1°17	9°38	12° 6	11°40	7°16	14°31	S 5
S 6	15 33 8	24°32'46	1 る 35	8°56	14°41	17°50	16°13	3°37	17° 6	1°17	9°37	12° 4	11°37	7°23	14°31	S 6
M 7	15 37 5	25°30'23	14°36	10°50	15°50	18°35	16° 6	3°37	17°10	1°18	9°36	12° 2	11°33	7°30	14°31	M 7
T 8	15 41 1	26°28'00	27°52	12°42	17° 0	19°20	15°58	3°37	17°13	1°19	9°35	12° 1	11°30	7°37	14°31	T 8
W 9	15 44 58	27°25'35	11≈24	14°31	18° 9	20° 5	15°51	3°36	17°16	1°19	9°34	11°59	11°27	7°43	14°32	W 9
T 10	15 48 54	28°23'09	25°10	16°18	19°18	20°50	15°44	3°36	17°20	1°20	9°33	11°D59	11°24	7°50	14°R32	T 10
F 11	15 52 51	29°20'43	9) 13	18° 1	20°28	21°35	15°36	3°35	17°23	1°20	9°32	11°59	11°21	7°57	14°31	F 11
S 12	15 56 48	0∏18'15	23°29	19°42	21°38	22°20	15°29	3°34	17°27	1°20	9°31	12° 0	11°17	8° 3	14°31	S 12
S 13	16 0 44	1°15'47	7 Y 56	21°20	22°47	23° 5	15°22	3°33	17°30	1°21	9°30	12° 1	11°14	8°10	14°31	S 13
M14	16 441	2°13'18	22°32	22°55	23°57	23°50	15°15	3°33	17°34	1°21	9°29	12° 2	11°11	8°17	14°31	M14
T 15	16 8 37	3°10'48	7 8 12	24°27	25° 7	24°35	15° 8	3°31	17°37	1°22	9°28	12°R 3	11° 8	8°23	14°31	T 15
W16	16 12 34	4° 8'17	21°49	25°55	26°17	25°19	15° 1	3°30	17°40	1°22	9°26	12° 3	11° 5	8°30	14°30	W16
T 17	16 16 30	5° 5'46	6 Ⅱ 17	27°21	27°27	26° 4	14°54	3°29	17°44	1°22	9°25	12° 1	11° 2	8°37	14°30	T 17
F 18	16 20 27	6° 3'13	20°30	28°44	28°37	26°49	14°48	3°28	17°47	1°22	9°24	11°59	10°58	8°43	14°29	F 18
S 19	16 24 23	7° 0'39	49925	0න 3	29°47	27°33	14°41	3°26	17°50	1°23	9°23	11°56	10°55	8°50	14°29	S 19
S 20	16 28 20	7°58'05	17°57	1°20	0 8 57	28°18	14°34	3°25	17°54	1°23	9°22	11°52	10°52	8°57	14°28	S 20
M21	16 32 17	8°55'29	1 0 5	2°33	2° 7	29° 2	14°28	3°23	17°57	1°23	9°20	11°48	10°49	9° 3	14°27	M21
T 22	16 36 13	9°52'52	13°51	3°43	3°17	29°46	14°22	3°22	18° 0	1°23	9°19	11°45	10°46	9°10	14°27	T 22
W23	16 40 10	10°50'14	26°18	4°49	4°27	0 8 31	14°15	3°20	18° 4	1°23	9°18	11°43	10°43	9°17	14°26	W23
T 24	16 44 6	11°47'35	8 m /28	5°52	5°38	1°15	14° 9	3°18	18° 7	1°23	9°17	11°D42	10°39	9°23	14°25	T 24
F 25	16 48 3	12°44'55	20°26	6°52	6°48	1°59	14° 3	3°16	18°10	1°R23	9°15	11°42	10°36	9°30	14°24	F 25
S 26	16 51 59	13°42'14	2 ₾ 18	7°48	7°59	2°43	13°58	3°14	18°13	1°23	9°14	11°43	10°33	9°37	14°23	S 26
S 27	16 55 56	14°39'31	14° 7	8°40	9° 9	3°27	13°52	3°12	18°17	1°23	9°13	11°45	10°30	9°43	14°22	S 27
M28	16 59 53	15°36'48	25°59	9°29	10°20	4°11	13°46	3°10	18°20	1°23	9°12	11°47	10°27	9°50	14°21	M28
T 29	17 3 49	16°34'04	7 M .58	10°13	11°30	4°55	13°41	3° 8	18°23	1°23	9°10	11°R47	10°23	9°57	14°20	T 29
W30	17 7 46	17°31'20	20° 8	10°54	12°41	5°39	13°36	3° 5	18°26	1°23	9° 9	11°47	10°20	10° 3	14°18	W30
T 31	17 11 42	18 Ⅱ 28'35	2 ₹ 31	119931	13 8 51	6 8 23	13 M .30	3≈ 3	18 8 29	1 ∺ 23	9 궁 7	11 8 45	10817	10 ≏ 10	14≈17	T 31

Day	0	J)	ğ	5	ç)	ď	•	2	ł	ħ	ì.);	j (j	ŧ	Е)	n	v	Ç	ķ	
	decl	decl l	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n43	10s18	1n 9	21n11	1n16	1n54	1 s48	4n36	1 s 2	15 s45	1n13	19 s46	0 s23	16n37	0s18	11s43	0 s42	21 s26	1n44	15n31	15n26	0s 0	10s 3	6n46
W 2	17 59	15 20	0 3	21 46	1 24	2 19	1 50	4 54	1 2	15 43	1 13	19 47	0 23	16 38	0 18	11 43	0 42	21 26	1 44	15 31	15 25	0 3	10 2	6 47
T 3	18 14	19 50	1 s 5	22 19	1 32	2 45	1 51	5 12	1 2	15 41	1 13	19 47	0 24	16 39	0 18	11 43	0 42	21 26	1 44	15 31	15 24	0 7	10 1	6 47
F 4	18 29	23 32	2 10	22 49	1 40	3 11	1 52	5 30	1 1	15 39	1 13	19 47	0 24	16 40	0 18	11 42	0 42	21 26	1 43	15 31	15 23	0 10	10 1	6 48
S 5	18 43	26 10	3 9	23 17	1 46	3 36	1 54	5 47	1 1	15 37	1 13	19 47	0 24	16 41	0 18	11 42	0 42	21 26	1 43	15 30	15 22	0 13	10 0	6 48
S 6	18 57	27 30	4 1	23 42	1 53	4 2	1 55	6 5	1 0	15 35	1 13	19 47	0 24	16 41	0 18	11 42	0 42	21 26	1 43	15 30	15 21	0 17	10 0	6 49
M 7	19 11	27 21	4 41	24 4	1 58	4 28	1 56	6 23	1 0	15 33	1 12	19 47	0 24	16 42	0 18	11 42	0 42	21 26	1 43	15 29	15 20	0 20	9 59	6 49
T 8	19 25	25 39	5 6	24 24	2 2	4 53	1 57	6 40	1 0	15 31	1 12	19 47	0 24	16 43	0 18	11 42	0 42	21 26	1 43	15 29	15 19	0 23	9 59	6 49
W 9	19 38	22 28	5 16	24 42	2 6	5 19	1 58	6 58	0 59	15 29	1 12	19 48	0 24	16 44	0 18	11 42	0 42	21 27	1 43	15 28	15 18	0 26	9 59	6 50
T 10	19 51	17 59	5 8	24 56	2 9	5 45	1 59	7 15	0 59	15 27	1 12	19 48	0 24	16 45	0 18	11 41	0 42	21 27	1 43	15 28	15 17	0 30	9 58	6 50
F 11	20 4	12 28	4 41	25 9	2 12	6 10	1 59	7 32	0 59	15 25	1 12	19 48	0 25	16 46	0 18	11 41	0 42	21 27	1 43	15 28	15 16	0 33	9 58	6 51
S 12	20 16	6 13	3 57	25 19	2 13	6 36	2 0	7 49	0 58	15 23	1 12	19 48	0 25	16 47	0 18	11 41	0 42	21 27	1 43	15 29	15 15	0 36	9 57	6 51
S 13	20 28	0n27	2 57	25 27	2 14	7 1	2 1	8 6	0 58	15 21	1 12	19 49	0 25	16 48	0 18	11 41	0 42	21 27	1 43	15 29	15 14	0 40	9 57	6 51
M14	20 40	7 10	1 46	25 32	2 14	7 27	2 1	8 23	0 57	15 19	1 11	19 49	0 25	16 49	0 18	11 41	0 42	21 27	1 43	15 29	15 13	0 43	9 57	6 52
T 15	20 51	13 32	0 27	25 36	2 13	7 52	2 1	8 40	0 57	15 17	1 11	19 49	0 25	16 50	0 18	11 41	0 42	21 27	1 43	15 30	15 13	0 46	9 56	6 52
W16	21 2	19 8	0n54	25 38	2 11	8 17	2 1	8 57	0 56	15 15	1 11	19 50	0 25	16 51	0 18	11 41	0 43	21 28	1 43	15 29	15 12	0 50	9 56	6 53
T 17	21 12	23 32	2 10	25 37	2 9	8 42	2 2	9 13	0 56	15 13	1 11	19 50	0 25	16 52	0 18	11 41	0 43	21 28	1 43	15 29	15 11	0 53	9 56	6 53
F 18	21 23	26 25	3 16	25 35	2 5	9 7	2 2	9 30	0 55	15 11	1 11	19 51	0 25	16 53	0 18	11 41	0 43	21 28	1 43	15 28	15 10	0 56	9 56	6 54
S 19	21 32	27 35	4 9	25 32	2 1	9 32	2 2	9 47	0 55	15 10	1 11	19 51	0 25	16 54	0 18	11 41	0 43	21 28	1 43	15 27	15 9	1 0	9 55	6 54
S 20	21 42	27 2	4 47	25 26	1 56	9 56	2 1	10 3	0 55	15 8	1 10	19 52	0 26	16 55	0 18	11 41	0 43	21 28	1 42	15 26	15 8	1 3	9 55	6 54
M21	21 51	24 59	5 8	25 20	1 51	10 21	2 1	10 19	0 54	15 6	1 10	19 52	0 26	16 56	0 18	11 41	0 43	21 28	1 42	15 25	15 7	1 6	9 55	6 55
T 22	21 59	21 42	5 13	25 11	1 44	10 45	2 1	10 35	0 54	15 5	1 10	19 52	0 26	16 57	0 18	11 41	0 43	21 28	1 42	15 24	15 6	1 10	9 55	6 55
W23	22 8	17 32	5 4	25 2	1 37	11 9	2 1	10 51	0 53	15 3	1 10	19 53	0 26	16 58	0 18	11 41	0 43	21 29	1 42	15 23	15 5	1 13	9 55	6 56
T 24	22 16	12 45	4 40	24 52	1 29	11 33	2 0	11 7	0 53	15 1	1 10	19 54	0 26	16 59	0 18	11 41	0 43	21 29	1 42	15 23	15 4	1 16	9 55	6 56
F 25	22 23	7 33	4 5	24 40	1 21	11 56	1 59	11 23	0 52	15 0	1 9	19 54	0 26	17 0	0 18	11 41	0 43	21 29	1 42	15 23	15 3	1 19	9 54	6 56
S 26	22 30	2 8	3 19	24 28	1 11	12 20	1 59	11 38	0 52	14 58	1 9	19 55	0 26	17 0	0 18	11 41	0 43	21 29	1 42	15 23	15 2	1 23	9 54	6 57
S 27	22 37	3 s21	2 26	24 14	1 1	12 43	1 58	11 54	0 51	14 57	1 9	19 55	0 26	17 1	0 18	11 41	0 43	21 29	1 42	15 24	15 1	1 26	9 54	6 57
M28	22 43	8 44	1 25	24 0	0 50	13 6	1 57	12 9	0 51	14 55	1 9	19 56	0 27	17 2	0 18	11 41	0 43	21 29	1 42	15 24	15 0	1 29	9 54	6 58
T 29	22 49	13 53	0 21	23 45	0 39	13 29	1 56	12 25	0 50	14 54	1 9	19 57	0 27	17 3	0 18	11 41	0 43	21 30	1 42	15 25	14 59	1 33	9 54	6 58
W30	22 55	18 33	0 s45	23 30	0 27	13 51	1 55	12 40	0 49	14 52	1 8	19 57	0 27	17 4	0 18	11 41	0 43	21 30	1 42	15 25	14 58	1 36	9 54	6 58
T 31	23n 0	22 s32	1 s 5 1	23n14	0n14	14n13	1 s54	12n55	0 s49	14s51	1n 8	19 s 5 8	0 s27	17n 5	0s18	11 s41	0 s43	21 s30	1n42	15n24	14n57	1 s39	9s54	6n59

Julian Day Number = 2276358.5, Delta T = 246.41 sec

Ecliptic obliquity = $23^{\circ}30'13$, Nutation = $-0^{\circ}00'13$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°02'51, Lahiri = 17°09'51 Julian Calendar 1 May 1520 == Greg. Calendar 11 May 1520

JUNE 1520 JC 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ)វ(卉	Р	ß	Ω	Ç	ę,	Day
F 1	17 15 39	19 Ⅱ 25'49	15 × 10	1295 4	15 8 2	7 8 7	13°R25	3°R 0	18 8 32	1°R22	9°R 6	11°R42	10814	10 ⊆ 17	14°R16	F 1
S 2	17 19 35	20°23'02	28° 4	12°32	16°13	7°50	13 M 20	2≈58	18°36	1 ∺ 22	9 ප 5	11837	10°11	10°23	14≈14	S 2
S 3	17 23 32	21°20'15	11중14	12°56	17°24	8°34	13°16	2°55	18°39	1°22	9° 3	11°31	10° 8	10°30	14°13	S 3
M 4	17 27 28	22°17'28	24°38	13°16	18°35	9°17	13°11	2°52	18°42	1°22	9° 2	11°24	10° 4	10°37	14°11	M 4
T 5	17 31 25	23°14'41	8≈15	13°31	19°46	10° 1	13° 7	2°49	18°45	1°21	9° 1	11°18	10° 1	10°43	14° 9	T 5
W 6	17 35 22	24°11'53	22° 3	13°42	20°57	10°44	13° 2	2°47	18°48	1°21	8°59	11°13	9°58	10°50	14° 8	W 6
T 7	17 39 18	25° 9'05	6 ∀ 0	13°48	22° 8	11°28	12°58	2°44	18°51	1°21	8°58	11° 9	9°55	10°57	14° 6	T 7
F 8	17 43 15	26° 6'17	20° 3	13°R49	23°19	12°11	12°54	2°41	18°54	1°20	8°56	11°D 8	9°52	11° 3	14° 4	F 8
S 9	17 47 11	27° 3'29	4Υ 12	13°46	24°30	12°54	12°51	2°37	18°57	1°20	8°55	11° 8	9°49	11°10	14° 2	S 9
S 10	17 51 8	28° 0'41	18°25	13°39	25°41	13°37	12°47	2°34	18°59	1°19	8°53	11° 9	9°45	11°17	14° 1	S 10
M11	17 55 4	28°57'54	2 8 39	13°27	26°52	14°21	12°44	2°31	19° 2	1°19	8°52	11°10	9°42	11°23	13°59	M11
T 12	17 59 1	29°55'06	16°54	13°11	28° 3	15° 4	12°40	2°28	19° 5	1°18	8°50	11°R10	9°39	11°30	13°57	T 12
W13	18 2 57	0952'18	1 II 5	12°50	29°15	15°47	12°37	2°24	19°8	1°17	8°49	11° 8	9°36	11°36	13°55	W13
T 14	18 6 54	1°49'31	15°10	12°26	0П26	16°30	12°34	2°21	19°11	1°17	8°47	11° 5	9°33	11°43	13°52	T 14
F 15	18 10 51	2°46'43	29° 4	11°59	1°37	17°12	12°31	2°17	19°14	1°16	8°46	10°58	9°29	11°50	13°50	F 15
S 16	18 14 47	3°43'56	125643	11°29	2°49	17°55	12°29	2°14	19°16	1°16	8°45	10°51	9°26	11°56	13°48	S 16
S 17	18 18 44	4°41'08	26° 5	10°56	4° 0	18°38	12°26	2°10	19°19	1°15	8°43	10°42	9°23	12° 3	13°46	S 17
M18	18 22 40	5°38'20	9Ω 8	10°21	5°12	19°20	12°24	2° 6	19°22	1°14	8°42	10°32	9°20	12°10	13°44	M18
T 19	18 26 37	6°35'32	21°51	9°45	6°24	20° 3	12°22	2° 3	19°24	1°13	8°40	10°24	9°17	12°16	13°41	T 19
W20	18 30 33	7°32'44	4 m) 16	9° 7	7°35	20°45	12°20	1°59	19°27	1°13	8°39	10°17	9°14	12°23	13°39	W20
T 21	18 34 30	8°29'56	16°26	8°30	8°47	21°28	12°18	1°55	19°29	1°12	8°37	10°13	9°10	12°30	13°36	T 21
F 22	18 38 26	9°27'07	28°24	7°52	9°59	22°10	12°17	1°51	19°32	1°11	8°36	10°10	9° 7	12°36	13°34	F 22
S 23	18 42 23	10°24'19	10 ≏ 15	7°16	11°10	22°52	12°16	1°47	19°34	1°10	8°34	10°D10	9° 4	12°43	13°31	S 23
S 24	18 46 20	11°21'30	22° 4	6°42	12°22	23°35	12°14	1°43	19°37	1° 9	8°33	10°10	9° 1	12°50	13°29	S 24
M25	18 50 16	12°18'41	3ML57	6°10	13°34	24°17	12°13	1°39	19°39	1°8	8°31	10°R11	8°58	12°56	13°26	M25
T 26	18 54 13	13°15'53	15°59	5°40	14°46	24°59	12°13	1°35	19°42	1° 7	8°30	10°11	8°55	13° 3	13°24	T 26
W27	18 58 9	14°13'04	28°15	5°14	15°58	25°41	12°12	1°31	19°44	1° 6	8°28	10° 9	8°51	13°10	13°21	W27
T 28	19 2 6	15°10'16	10 ∡ 747	4°52	17°10	26°23	12°12	1°27	19°46	1° 5	8°27	10° 5	8°48	13°16	13°18	T 28
F 29	19 6 2	16° 7'28	23°39	4°34	18°22	27° 4	12°11	1°23	19°49	1° 4	8°25	9°59	8°45	13°23	13°16	F 29
S 30	19 9 59	1795 4'40	6 ප 52	49521	19 Ⅱ 34	27 8 46	12°D11	1≈18	19 8 51	1 ∺ 3	8 궁 24	9 8 51	8 8 42	13 ≏ 30	13≈13	S 30

	22 42 0s13 14 57 1 22 25 0 28 15 18 1 22 8 0 42 15 39 1 21 51 0 58 15 59 1 21 35 1 13 16 19 1 21 18 1 29 16 39 1 21 2 1 45 16 59 1	52 13 24 0 48 51 13 39 0 47 50 13 53 0 47 48 14 8 0 46 47 14 22 0 46 45 14 36 0 45	7 14 47 1 7 7 14 46 1 7 6 14 45 1 7 6 14 44 1 7	19 59 0 27 20 0 0 27 20 1 0 27 20 2 0 28	17 7 0 18 17 7 0 18 17 8 0 18	decl lat 11s41 0s43 11 41 0 43 2 11 41 0 43 11 42 0 43	21 30 1 41 15 2 21 30 1 41 15 20	3 14n56	decl 1 s43 1 46 1 49 1 53	decl lat 9 s 5 4 6 n 5 9 9 5 4 6 5 9 9 5 4 7 0
S 2 23 9 27 14 3 45 2 S 3 23 13 27 28 4 28 2 M 4 23 17 26 7 4 56 2 T 5 23 20 23 13 5 9 5 W 6 23 23 18 59 5 4 2 T 7 23 25 13 41 4 41 2 F 8 23 27 7 38 4 1	22 42 0s13 14 57 1 22 25 0 28 15 18 1 22 8 0 42 15 39 1 21 51 0 58 15 59 1 21 35 1 13 16 19 1 21 18 1 29 16 39 1 21 2 1 45 16 59 1	52 13 24 0 48 51 13 39 0 47 50 13 53 0 47 48 14 8 0 46 47 14 22 0 46 45 14 36 0 45	3 14 49 1 8 7 14 47 1 7 7 14 46 1 7 5 14 45 1 7 6 14 44 1 7	19 59 0 27 20 0 0 27 20 1 0 27 20 2 0 28	17 7 0 18 17 7 0 18 17 8 0 18	11 41 0 43 2 11 41 0 43 2	21 30 1 41 15 2 21 30 1 41 15 20	1 14 55 0 14 54	1 46 1 49	9 54 6 59 9 54 7 0
S 3 23 13 27 28 4 28 2 M 4 23 17 26 7 4 56 2 T 5 23 20 23 13 5 9 2 W 6 23 23 18 59 5 4 2 T 7 23 25 13 41 4 41 2 F 8 23 27 7 38 4 1	22 25 0 28 15 18 1 22 8 0 42 15 39 1 21 51 0 58 15 59 1 21 35 1 13 16 19 1 21 18 1 29 16 39 1 21 2 1 45 16 59 1	51 13 39 0 47 50 13 53 0 47 48 14 8 0 46 47 14 22 0 46 45 14 36 0 45	7 14 47 1 7 7 14 46 1 7 6 14 45 1 7 6 14 44 1 7	20 0 0 27 20 1 0 27 20 2 0 28	17 7 0 18 17 8 0 18	11 41 0 43 2	21 30 1 41 15 20	0 14 54	1 49	9 54 7 0
M 4 23 17 26 7 4 56 2 T 5 23 20 23 13 5 9 2 W 6 23 23 18 59 5 4 2 T 7 23 25 13 41 4 41 2 F 8 23 27 7 38 4 1	22 8 0 42 15 39 1 21 51 0 58 15 59 1 21 35 1 13 16 19 1 21 18 1 29 16 39 1 21 2 1 45 16 59 1	50 13 53 0 47 48 14 8 0 46 47 14 22 0 46 45 14 36 0 45	7 14 46 1 7 6 14 45 1 7 6 14 44 1 7	20 1 0 27 20 2 0 28	17 8 0 18			-	,	
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S 9 23 28 1 10 3 6 2	20 46 2 2 17 18 1	44 14 50 0 44	1 14 42 1 6	20 4 0 28	17 12 0 18	11 42 0 43 2	21 31 1 41 15 12	2 14 49	2 6	9 55 7 1
		42 15 4 0 44	1 14 41 1 6	20 5 0 28	17 12 0 18	11 42 0 43 2	21 32 1 41 15 12	2 14 48	2 9	9 55 7 2
S 10 23 29 5n23 2 0 2	20 31 2 18 17 37 1	40 15 17 0 43	3 14 40 1 6	20 6 0 28	17 13 0 18	11 43 0 43 2	21 32 1 41 15 13	3 14 47	2 13	9 55 7 2
M11 23 30 11 43 0 46 2	20 16 2 34 17 55 1	38 15 30 0 43	3 14 39 1 6	20 7 0 28	17 14 0 18	11 43 0 43 2	21 32 1 41 15 13	3 14 46	2 16	9 56 7 2
T 12 23 30 17 25 0n31 2	20 2 2 50 18 13 1	37 15 44 0 42	2 14 39 1 5	20 7 0 28	17 15 0 18	11 43 0 43 2	21 32 1 41 15 13	3 14 45	2 19	9 56 7 3
W13 23 30 22 9 1 45	19 49 3 5 18 30 1	35 15 57 0 41	1 14 38 1 5	20 8 0 28	17 16 0 18	11 43 0 43 2	21 32 1 40 15 13	3 14 44	2 23	9 56 7 3
T 14 23 29 25 32 2 52	19 36 3 20 18 47 1	33 16 10 0 41	1 14 37 1 5	20 9 0 29	17 16 0 18	11 44 0 43 2	21 32 1 40 15 1	1 14 43	2 26	9 57 7 3
F 15 23 28 27 18 3 48	19 25 3 34 19 4 1	31 16 23 0 40	14 37 1 5	20 10 0 29	17 17 0 18	11 44 0 44 2	21 33 1 40 15 10	14 42	2 29	9 57 7 4
S 16 23 27 27 22 4 30	19 14 3 47 19 20 1	29 16 35 0 39	14 36 1 4	20 11 0 29	17 18 0 18	11 44 0 44 2	21 33 1 40 15	7 14 41	2 33	9 57 7 4
S 17 23 25 25 50 4 56	19 4 4 0 19 35 1	27 16 48 0 39	14 36 1 4	20 12 0 29	17 18 0 18	11 44 0 44 2	21 33 1 40 15	4 14 39	2 36	9 58 7 4
M18 23 23 22 55 5 6	18 56 4 11 19 50 1	24 17 0 0 38	3 14 35 1 4	20 13 0 29	17 19 0 18	11 45 0 44 2	21 33 1 40 15	1 14 38	2 39	9 58 7 5
T 19 23 20 18 59 5 0	18 49 4 21 20 5 1	22 17 12 0 37	7 14 35 1 4	20 14 0 29	17 20 0 18	11 45 0 44 2	21 33 1 40 14 59	9 14 37	2 42	9 58 7 5
W20 23 17 14 18 4 40	18 43 4 29 20 19 1	20 17 24 0 37	7 14 35 1 3	20 15 0 29	17 21 0 18	11 45 0 44 2	21 34 1 40 14 5	7 14 36	2 46	9 59 7 5
T 21 23 14 9 10 4 7	18 38 4 37 20 33 1	18 17 36 0 36	5 14 34 1 3	20 16 0 29	17 21 0 18	11 46 0 44 2	21 34 1 40 14 55	5 14 35	2 49	9 59 7 5
F 22 23 10 3 46 3 24	18 34 4 42 20 46 1	15 17 47 0 35	5 14 34 1 3	20 17 0 29	17 22 0 18	11 46 0 44 2	21 34 1 40 14 54	14 34	2 52	10 0 7 6
S 23 23 6 1 s 43 2 33	18 32 4 46 20 58 1	13 17 59 0 35	5 14 34 1 2	20 18 0 30	17 23 0 18	11 46 0 44 2	21 34 1 40 14 54	4 14 33	2 56	10 0 7 6
S 24 23 1 7 9 1 35	18 32 4 49 21 10 1	11 18 10 0 34	1 14 34 1 2	20 19 0 30	17 23 0 18	11 47 0 44 2	21 34 1 39 14 54	4 14 32	2 59	10 1 7 6
M25 22 56 12 21 0 33	18 33 4 49 21 22 1	8 18 21 0 33	3 14 34 1 2	20 20 0 30	17 24 0 18	11 47 0 44 2	21 35 1 39 14 55	5 14 31	3 2	10 1 7 6
T 26 22 50 17 10 0s31	18 35 4 48 21 32 1	6 18 32 0 33	3 14 34 1 2	20 21 0 30	17 25 0 18	11 47 0 44 2	21 35 1 39 14 55	5 14 30	3 6	10 2 7 6
W27 22 45 21 22 1 35	18 38 4 46 21 43 1	3 18 43 0 32		20 22 0 30	17 25 0 18	11 48 0 44 2	21 35 1 39 14 54	4 14 29	3 9	10 2 7 7
T 28 22 38 24 41 2 36	18 43 4 42 21 52 1	1 18 53 0 31	1 14 34 1 1	20 23 0 30	17 26 0 18	11 48 0 44 2	21 35 1 39 14 53	3 14 28	3 12	10 3 7 7
F 29 22 32 26 51 3 30	18 49 4 37 22 1 0	58 19 4 0 31		20 24 0 30	17 27 0 18	11 48 0 44 2	21 35 1 39 14 5	1 14 27	3 16	10 3 7 7
S 30 22n25 27 s33 4 s14 1	18n56 4s30 22n10 0	56 19n14 0s30	14 s 34 1 n 1	20 s25 0 s30	17n27 0s18	11 s49 0 s44 2	21 s36 1n39 14n48	3 14n26	3 s 1 9	10s 4 7n 7

Julian Day Number = 2276389.5, Delta T = 246.22 sec
Ecliptic obliquity = 23°30'12, Nutation = -0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°02'55, Lahiri = 17°09'55 Julian Calendar 1 June 1520 == Greg. Calendar 11 June 1520

JULY 1520 JC 00:00 UT

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S 1	19 13 56	1895 1'52	20 ට 25	4°R13	20∏46	28 8 28	12 M 11	1°R14	19 8 53	1°R 2	8°R22	9°R41	8 8 39	13 ≏ 36	13°R10	S 1
M 2	19 17 52	18°59'05	4≈15	4°D10	21°58	29° 9	12°12	1≈10	19°55	1) 1	8 ප 21	9 8 30	8°35	13°43	13 ≈ 7	M 2
T 3	19 21 49	19°56'19	18°18	49913	23°10	29°51	12°12	1° 6	19°57	1° 0	8°19	9°20	8°32	13°50	13° 4	T 3
W 4	19 25 45	20°53'33	2) (30	4°21	24°22	0 Ⅲ 32	12°13	1° 1	20° 0	0°59	8°18	9°11	8°29	13°56	13° 1	W 4
T 5	19 29 42	21°50'48	16°46	4°35	25°34	1°14	12°14	0°57	20° 2	0°58	8°17	9° 5	8°26	14° 3	12°58	T 5
F 6	19 33 38	22°48'03	1 Υ 1	4°55	26°47	1°55	12°15	0°53	20° 4	0°56	8°15	9° 1	8°23	14°10	12°56	F 6
S 7	19 37 35	23°45'20	15°14	5°20	27°59	2°36	12°16	0°48	20° 6	0°55	8°14	8°59	8°20	14°16	12°53	S 7
S 8	19 41 31	24°42'37	29°21	5°51	29°11	3°17	12°17	0°44	20° 7	0°54	8°12	8°D59	8°16	14°23	12°50	S 8
M 9	19 45 28	25°39'56	13 8 23	6°29	09524	3°58	12°19	0°39	20° 9	0°53	8°11	8°R59	8°13	14°30	12°47	M 9
T 10	19 49 25	26°37'15	27°19	7°12	1°36	4°39	12°20	0°35	20°11	0°52	8° 9	8°58	8°10	14°36	12°43	T 10
W11	19 53 21	27°34'36	11 I 7	8° 0	2°49	5°20	12°22	0°30	20°13	0°50	8° 8	8°55	8° 7	14°43	12°40	W11
T 12	19 57 18	28°31'58	24°47	8°55	4° 1	6° 1	12°24	0°26	20°15	0°49	8° 7	8°49	8° 4	14°50	12°37	T 12
F 13	20 1 14	29°29'20	89916	9°55	5°14	6°42	12°27	0°22	20°16	0°48	8° 5	8°41	8° 1	14°56	12°34	F 13
S 14	20 5 11	0 Ω 26'44	21°34	11° 0	6°27	7°22	12°29	0°17	20°18	0°46	8° 4	8°30	7°57	15° 3	12°31	S 14
S 15	20 9 7	1°24'08	4 Ω 39	12°11	7°39	8° 3	12°32	0°13	20°20	0°45	8° 3	8°17	7°54	15°10	12°28	S 15
M16	20 13 4	2°21'33	17°28	13°27	8°52	8°43	12°34	0° 8	20°21	0°43	8° 1	8° 4	7°51	15°16	12°25	M16
T 17	20 17 0	3°18'59	0Mp 2	14°48	10° 5	9°24	12°37	0° 4	20°23	0°42	8° 0	7°52	7°48	15°23	12°22	T 17
W18	20 20 57	4°16'26	12°20	16°14	11°18	10° 4	12°41	29 궁 59	20°24	0°41	7°59	7°42	7°45	15°30	12°18	W18
T 19	20 24 54	5°13'54	24°26	17°45	12°31	10°44	12°44	29°55	20°26	0°39	7°57	7°35	7°41	15°36	12°15	T 19
F 20	20 28 50	6°11'22	6 ₽ 21	19°20	13°44	11°24	12°47	29°50	20°27	0°38	7°56	7°30	7°38	15°43	12°12	F 20
S 21	20 32 47	7° 8'51	18°11	20°59	14°57	12° 4	12°51	29°46	20°29	0°36	7°55	7°27	7°35	15°50	12° 9	S 21
S 22	20 36 43	8° 6'21	29°59	22°42	16°10	12°44	12°55	29°42	20°30	0°35	7°54	7°26	7°32	15°56	12° 6	S 22
M23	20 40 40	9° 3'52	11 M 51	24°29	17°23	13°24	12°59	29°37	20°31	0°33	7°52	7°26	7°29	16° 3	12° 2	M23
T 24	20 44 36	10° 1'23	23°53	26°18	18°36	14° 4	13° 3	29°33	20°32	0°32	7°51	7°26	7°26	16°10	11°59	T 24
W25	20 48 33	10°58'56	6 ₮ 10	28°11	19°49	14°43	13° 7	29°29	20°34	0°30	7°50	7°24	7°22	16°16	11°56	W25
T 26	20 52 29	11°56'30	18°46	ON 6	21° 2	15°23	13°12	29°24	20°35	0°29	7°49	7°20	7°19	16°23	11°53	T 26
F 27	20 56 26	12°54'04	1 る 45	2° 3	22°15	16° 2	13°16	29°20	20°36	0°27	7°48	7°14	7°16	16°29	11°49	F 27
S 28	21 0 23	13°51'40	15°10	4° 1	23°28	16°42	13°21	29°16	20°37	0°26	7°47	7° 5	7°13	16°36	11°46	S 28
S 29	21 4 19	14°49'17	28°59	6° 1	24°42	17°21	13°26	29°12	20°38	0°24	7°45	6°54	7°10	16°43	11°43	S 29
M30	21 8 16	15°46'54	13≈10	8° 2	25°55	18° 0	13°31	29° 7	20°39	0°23	7°44	6°43	7° 7	16°49	11°40	M30
T 31	21 12 12	16 Ω 44'34	27≈38	10⋒ 4	2795 8	18 Ⅲ 39	13 M .36	29 궁 3	20840	0 ∺ 21	7 る 43	6 8 32	7 岁 3	16 ≏ 56	11 ≈ 37	T 31

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S 1 M 2	22n17 22 9	26 s 39 4 s 4 24 7 5	15 19n 4 1 19 14	-			14s35 14 35		20 s26 20 27		17n28 17 28		-	-			14n45 14 42	-	3 s22 3 26	10s 4 10 5	7n 7 7 8
T 3 W 4	22 1 21 52	20 7 4 5 14 56 4 3		-				1 0 1 0			17 29 17 29			-			14 38 14 36	-	3 29 3 32		7 8 7 8
T 5 F 6	21 44 21 34		0 19 46 7 19 58				14 36 14 37		20 30 20 31		17 30 17 30		-				14 34 14 32	14 21 14 20	3 36 3 39		7 8 7 8
S 7	21 25	4n 8 2	2 20 10	3 13 22	52 0 37 2	0 20 0 25	14 37	0 59	20 32	0 31	17 31	0 18	11 52 (0 44	21 37	1 38	14 32	14 19	3 42	10 8	7 8
S 8 M 9	21 4	16 16 0n2	51 20 23 23 20 35	2 45 22	58 0 32 2	0 37 0 23	14 38 14 39	0 58	20 33 20 34	0 31	17 32 17 32	0 18	11 53 (0 44	21 37	1 38	14 32			10 10	7 9 7 9
T 10 W11 T 12		24 50 2 4	-		1 0 29 2 2 0 26 2 3 0 24 2	0 54 0 21			20 35 20 36 20 37	0 31		0 18	11 54 (0 44	21 38	1 38	14 32 14 31 14 29	-	3 56	10 10 10 11 10 12	7 9 7 9 7 9
F 13 S 14	20 19	27 34 4 2	20 21 22 48 21 32	1 46 23		1 10 0 20	14 42 14 43	0 57		0 31	17 34 17 34	0 19	11 55	0 44	21 38	1 37	14 26			10 13	7 9 7 9 7 9
S 15 M16	19 54 19 41		0 21 41 56 21 48	1 16 23 1 1 23	1 0 15 2 0 0 13 2		14 44 14 45	0 57 0 57	20 41 20 42		17 35 17 35						14 18 14 14	14 11 14 10	4 9	10 14 10 15	7 9 7 9
T 17 W18	19 28 19 15	15 50 4 3	89 21 54 8 21 59	0 47 22	57 0 10 2	1 39 0 17	14 46 14 48	0 56 0 56	20 43	0 32	17 36 17 36	0 19	11 57	0 44	21 39		14 10	14 9	4 16	10 16 10 17	7 9 7 9
T 19 F 20	19 1 18 47		27 22 1 37 22 1	0 19 22 0 5 22			14 49 14 50		20 45 20 46		17 36 17 37				21 39 21 40	1 37 1 36	-	14 7 14 6		10 18 10 18	7 9 7 9
S 21	18 32		10 21 59				14 52		20 47		17 37					1 36		14 5		10 19	7 9
S 22 M23	18 2	15 48 0s2	39 21 54 23 21 47	0 31 22	28 0 6 2	2 17 0 12	14 53 14 54	0 55	20 48 20 49	0 32		0 19	12 0	0 45	21 40	1 36	14 2	-	4 35	10 20 10 21	7 9
T 24 W25	17 31	23 47 2 2	26 21 38 26 21 25	0 52 22	13 0 11 2	2 28 0 10	14 56 14 57	0 54	20 50 20 51	0 32	17 38 17 38	0 19	12 1 0	0 45		1 36	14 1	14 2 14 1	4 42	10 22 10 23	7 9 7 9
T 26 F 27 S 28	16 59	27 35 4	20 21 10 6 20 53 39 20 32	1 9 21		2 38 0 8	14 59 15 1 15 2	0 54	20 52 20 53 20 54	0 33	17 39 17 39 17 39	0 19	12 2	0 45	21 41		-	14 0 13 58 13 57	4 49	10 24 10 25 10 26	7 9 7 9 7 9
S 29	16 26	25 16 4 5	58 20 10	1 23 21	86 0 21 2	2 48 0 6	15 4	0 53	20 54	0 33	17 39	0 19	12 3	0 45	21 41	1 35	13 51	13 56	4 55	10 26	7 9
M30 T 31			59 19 44 11 19n17				15 6 15s 8		20 55 20 s 56		17 40 17n40							13 55 13n54		10 27 10 s 28	7 9 7n 9

Julian Day Number = 2276419.5, Delta T = 246.03 sec

Ecliptic obliquity = $23^{\circ}30'12$, Nutation = - $0^{\circ}00'10$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°02'59, Lahiri = 17°09'59 Julian Calendar 1 July 1520 == Greg. Calendar 11 July 1520

AUGUST 1520 JC 00:00 UT

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Day	Sid.t	0	D	φ	·	δ	4	ħ)ұ(¥	Р	u	Ω	Ç	o k	Day
W 1	21 16 9	17 Ω 42'14	12) (16	12Ω 5	289522	19 Ⅱ 18	13 M 42	28°R59	20840	0°R19	7°R42	6°R22	7 と 0	17 ♀ 3	11°R33	W 1
T 2	21 20 5	18°39'56	26°56	14° 7	29°35	19°57	13°47	28 궁 55	20°41	0) €18	7 궁 41	6 8 15	6°57	17° 9	11 ≈ 30	T 2
F 3	21 24 2	19°37'39	11 Y 32	16° 8	0 Ω 48	20°36	13°53	28°51	20°42	0°16	7°40	6°11	6°54	17°16	11°27	F 3
S 4	21 27 58	20°35'24	25°58	18°10	2° 2	21°15	13°59	28°47	20°43	0°15	7°39	6° 9	6°51	17°23	11°24	S 4
S 5	21 31 55	21°33'11	10812	20°10	3°16	21°53	14° 5	28°43	20°43	0°13	7°38	6°D 9	6°47	17°29	11°21	S 5
M 6	21 35 52	22°31'00	24°13	22°10	4°29	22°32	14°11	28°39	20°44	0°11	7°37	6°R 9	6°44	17°36	11°17	M 6
T 7	21 39 48	23°28'51	7耳59	24° 8	5°43	23°10	14°17	28°36	20°44	0°10	7°36	6° 9	6°41	17°43	11°14	T 7
W 8	21 43 45	24°26'43	21°32	26° 6	6°56	23°48	14°24	28°32	20°45	0° 8	7°35	6° 6	6°38	17°49	11°11	W 8
T 9	21 47 41	25°24'37	4953	28° 3	8°10	24°27	14°30	28°28	20°45	0° 6	7°35	6° 1	6°35	17°56	11° 8	T 9
F 10	21 51 38	26°22'33	18° 1	29°58	9°24	25° 5	14°37	28°24	20°46	0° 5	7°34	5°53	6°32	18° 3	11° 5	F 10
S 11	21 55 34	27°20'31	0 Ω 58	1 m 53	10°38	25°43	14°44	28°21	20°46	0° 3	7°33	5°43	6°28	18° 9	11° 2	S 11
S 12	21 59 31	28°18'30	13°42	3°46	11°52	26°21	14°51	28°17	20°46	0° 2	7°32	5°31	6°25	18°16	10°59	S 12
M13	22 3 27	29°16'31	26°14	5°38	13° 6	26°58	14°58	28°14	20°46	29≈59	7°31	5°19	6°22	18°23	10°56	M13
T 14	22 7 24	0 m) 14'34	8 m 34	7°28	14°19	27°36	15° 5	28°10	20°47	29°58	7°30	5° 8	6°19	18°29	10°53	T 14
W15	22 11 21	1°12'38	20°43	9°18	15°33	28°14	15°13	28° 7	20°47	29°57	7°30	4°59	6°16	18°36	10°50	W15
T 16	22 15 17	2°10'43	2 -2 42	11° 6	16°47	28°51	15°20	28° 4	20°47	29°55	7°29	4°51	6°12	18°43	10°47	T 16
F 17	22 19 14	3° 8'51	14°34	12°53	18° 1	29°28	15°28	28° 0	20°R47	29°53	7°28	4°47	6° 9	18°49	10°44	F 17
S 18	22 23 10	4° 7'00	26°21	14°39	19°15	09 6	15°36	27°57	20°47	29°52	7°28	4°45	6° 6	18°56	10°41	S 18
S 19	22 27 7	5° 5'10	8M 8	16°23	20°30	0°43	15°44	27°54	20°47	29°50	7°27	4°D44	6° 3	19° 3	10°38	S 19
M20	22 31 3	6° 3'22	19°58	18° 6	21°44	1°20	15°52	27°51	20°47	29°48	7°26	4°45	6° 0	19° 9	10°36	M20
T 21	22 35 0	7° 1'35	1 ₹ 59	19°48	22°58	1°57	16° 0	27°48	20°46	29°47	7°26	4°R46	5°57	19°16	10°33	T 21
W22	22 38 56	7°59'50	14°13	21°29	24°12	2°33	16° 8	27°45	20°46	29°45	7°25	4°46	5°53	19°22	10°30	W22
T 23	22 42 53	8°58'07	26°48	23° 9	25°26	3°10	16°17	27°42	20°46	29°43	7°25	4°44	5°50	19°29	10°27	T 23
F 24	22 46 50	9°56'25	9 궁 47	24°47	26°40	3°46	16°25	27°40	20°46	29°42	7°24	4°40	5°47	19°36	10°25	F 24
S 25	22 50 46	10°54'45	23°13	26°25	27°55	4°23	16°34	27°37	20°45	29°40	7°24	4°35	5°44	19°42	10°22	S 25
S 26	22 54 43	11°53'06	7≈ 8	28° 1	29° 9	4°59	16°43	27°35	20°45	29°39	7°23	4°27	5°41	19°49	10°20	S 26
M27	22 58 39	12°51'29	21°28	29°36	0 Mp 23	5°35	16°52	27°32	20°44	29°37	7°23	4°19	5°38	19°56	10°17	M27
T 28	23 2 36	13°49'54	6) €11	1 ≏ 10	1°38	6°11	17° 1	27°30	20°44	29°35	7°22	4°11	5°34	20° 2	10°15	T 28
W29	23 6 32	14°48'21	21° 8	2°43	2°52	6°47	17°10	27°27	20°43	29°34	7°22	4° 4	5°31	20° 9	10°12	W29
T 30	23 10 29	15°46'49	6 Υ 9	4°15	4° 7	7°23	17°19	27°25	20°43	29°32	7°22	4° 0	5°28	20°16	10°10	T 30
F 31	23 14 25	16 M y45'19	21 ° 8	5 ≏ 46	5 m 21	7958	17 M 28	27 云 23	20842	29≈31	7 云 21	3 8 57	5 8 25	20 ≏ 22	10≈ 7	F 31

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W 1	15n34	10s44 4s	4 18n47	1n38	3 21n 1	0n29	23n 1	0s 4	15s	9	0n53	20s57	0s33	17n40	0s19	12s 5	0 s45	21 s42	1n35	13n41	13n53	5s 5	10s29	7n 9
T 2	15 16	4 9 3	12 18 15	1 4	20 48	0 31	23 5	0 3	15	11	0 52	20 58	0 33	17 40	0 19	12 6	0 45	21 42	1 35	13 39	13 52	5 9	10 30	7 9
F 3	14 58		7 17 41		3 20 35	0 33			15			20 59		17 41				21 42			13 51		10 31	7 9
S 4	14 40	9 13 0	54 17 6	1 4:	5 20 20	0 36	23 12	0 1	15	15	0 52	21 0	0 33	17 41	0 19	12 7	0 45	21 43	1 35	13 37	13 50	5 15	10 32	7 8
S 5	14 21	15 16 On	22 16 28	1 40	5 20 6	0 38	23 15	0 0	15	17	0 52	21 1	0 33	17 41	0 19	12 7	0 45	21 43	1 34	13 36	13 49	5 19	10 33	7 8
M 6	14 3	20 24 1	34 15 50	1 40	5 19 51	0 40	23 18	0n 1	15	19	0 51	21 2	0 33	17 41	0 19	12 8	0 45	21 43	1 34	13 36	13 48	5 22	10 34	7 8
T 7		24 20 2					23 21	0 2			0 51	-	0 33	-,	0 19		0	_	-		13 47		10 35	7 8
W 8		26 50 3					23 24	0 3	_	-	0 51	-		17 41	0 19		0	_			13 46	-	10 36	7 8
T 9		27 44 4					23 27	0 4			0 51			17 41	0 19			_	-		13 45		10 37	7 8
F 10	12 45						23 29		15		0 51	-		17 41		12 10	-	21 44	-		13 44		10 38	7 8
S 11	12 26	24 54 5	1 12 21	1 38	8 18 26	0 51	23 32	0 6	15	30	0 50	21 6	0 34	17 42	0 19	12 11	0 45	21 44	1 34	13 28	13 43	5 38	10 39	7 7
S 12	12 6	21 32 4	59 11 37	1 3	5 18 7	0 53	23 34	0 7	15	32	0 50	21 7	0 34	17 42	0 19	12 12	0 45	21 44	1 33	13 24	13 42	5 42	10 40	7 7
M13	11 45						23 36	0 8	_		0 50			17 42		12 12				13 20	_		10 41	7 7
T 14	11 25	12 17 4					23 37		15		0 50	-		17 42		12 13	-	21 44			13 40	-	10 42	7 7
W15	11 4		32 9 23				23 39	0 10	_		0 49			17 42		12 13		21 45			13 39		10 43	7 7
T 16	10 44	1 24 2				1 0		0 11			0 49			17 42		12 14		21 45			13 38		10 44	7 6
F 17	10 23	4s 8 1				1 2		0 12				21 10		17 42		12 15		21 45	1 33		13 37		10 45	7 6
S 18	10 2	9 30 0	45 7 6	1 1	7 16 6	1 4	23 43	0 13	15	4/	0 49	21 11	0 34	17 42	0 19	12 15	0 45	21 45	1 33	13 8	13 35	6 2	10 46	7 6
S 19		14 32 0s					23 44		-	-		21 12		17 42		12 16		21 45	1 32		13 34		10 47	7 6
M20		19 5 1			5 15 21		23 44					21 12		17 42		12 16		21 45	1 32		13 33	-	10 48	7 5
T 21	8 57		-				23 45	0 16	-	-		21 13		17 42		12 17		21 46	1 32				10 49	7 5
W22	8 36		-				23 45	0 17				21 13		17 42		12 17		21 46	1 32		13 31		10 50	7 5
T 23	_	27 30 4	3 3 17				23 46	0 18				21 14		17 41		12 18			1 32				10 51	7 5
F 24			39 2 31				23 46	0 19				21 15		17 41		12 19		21 46	1 32		13 29		10 52	7 4
S 25	7 30	26 26 5	1 1 46	0 22	2 13 23	1 14	23 46	0 20	16	5	0 47	21 15	0 34	17 41	0 19	12 19	0 45	21 46	1 32	13 5	13 28	6 25	10 53	7 4
S 26	7 7	23 28 5	6 1 1	0 1:	12 58	1 15	23 45	0 21	16	7	0 47	21 16	0 34	17 41	0 19	12 20	0 45	21 46	1 31	13 2	13 27	6 28	10 54	7 4
M27	6 45	19 0 4	53 0 16	0 8	3 12 33	-	23 45	0 22		- 1		21 16	0 34	17 41	0 19	12 20		21 47	1 31		13 26	6 31	10 55	7 3
T 28		13 18 4			12 8		23 44	0 23		-		21 17		17 41		12 21		21 47			13 25		10 56	7 3
W29	6 0	6 44 3			7 11 42	-	23 44	0 24		- 1		21 17		17 41		12 21		21 47	-		13 24		10 56	7 3
T 30	5 37	0n15 2			11 16		23 43	0 25			-	21 18		17 41		12 22		21 47	-		13 23		10 57	7 2
F 31	5n15	7n12 1s	9 2s38	0 s22	2 10n49	1n20	23n42	0n26	16s	21	0n46	21 s18	0 s 3 5	17n40	0s19	12 s23	0 s45	21 s47	1n31	12n52	13n22	6 s44	10 s58	7n 2

Julian Day Number = 2276450.5, Delta T = 245.84 sec

Ecliptic obliquity = $23^{\circ}30'13$, Nutation = -0°00'09, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°03'03, Lahiri = 17°10'04 Julian Calendar 1 Aug. 1520 == Greg. Calendar 11 Aug. 1520

SEPTEMBER 1520 JC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)મું(¥	Р	ស	ນ	Ç	Ŗ	Day
S 1	23 18 22	17 m/43'52	5 8 54	7 ≙ 16	6Mp36	8934	17 M .38	27°R21	20°R41	29°R29	7°R21	3°D56	5 8 22	20 ≏ 29	10°R 5	S 1
S 2	23 22 18	18°42'27	20°24	8°44	7°50	9° 9	17°47	27 궁 19	20840	29≈28	7 궁 21	3 8 57	5°18	20°36	10≈ 3	S 2
M 3	23 26 15	19°41'04	4 Ⅱ 34	10°12	9° 5	9°44	17°57	27°17	20°40	29°26	7°21	3°58	5°15	20°42	10° 1	M 3
T 4	23 30 12	20°39'44	18°23	11°38	10°19	10°19	18° 7	27°15	20°39	29°25	7°21	3°R59	5°12	20°49	9°58	T 4
W 5	23 34 8	21°38'25	1952	13° 4	11°34	10°54	18°17	27°14	20°38	29°23	7°20	3°59	5° 9	20°56	9°56	W 5
T 6	23 38 5	22°37'09	15° 3	14°28	12°48	11°29	18°27	27°12	20°37	29°22	7°20	3°56	5° 6	21° 2	9°54	T 6
F 7	23 42 1	23°35'56	27°57	15°51	14° 3	12° 4	18°37	27°11	20°36	29°20	7°20	3°52	5° 3	21° 9	9°52	F 7
S 8	23 45 58	24°34'44	10 Ω 37	17°13	15°18	12°38	18°47	27° 9	20°35	29°19	7°20	3°47	4°59	21°16	9°50	S 8
S 9	23 49 54	25°33'35	23° 4	18°33	16°33	13°13	18°57	27° 8	20°34	29°17	7°20	3°40	4°56	21°22	9°48	S 9
M10	23 53 51	26°32'28	5 Mp 20	19°53	17°47	13°47	19° 7	27° 7	20°33	29°16	7°D20	3°33	4°53	21°29	9°46	M10
T 11	23 57 48	27°31'23	17°27	21°11	19° 2	14°21	19°18	27° 6	20°31	29°14	7°20	3°27	4°50	21°35	9°45	T 11
W12	0 1 44	28°30'20	29°26	22°28	20°17	14°55	19°28	27° 5	20°30	29°13	7°20	3°21	4°47	21°42	9°43	W12
T 13	0 541	29°29'19	11 Ω 19	23°43	21°32	15°29	19°39	27° 4	20°29	29°12	7°20	3°17	4°44	21°49	9°41	T 13
F 14	0 9 37	0 <u>₽</u> 28'20	23° 7	24°56 26° 8	22°47 24° 1	16° 2	19°50	27° 3	20°28	29°10 29° 9	7°20	3°15	4°40 4°37	21°55	9°39	F 14
S 15	0 13 34	1°27'23	4M53			16°35	20° 1	27° 2	20°26		7°20	3°D15		22° 2	9°38	S 15
S 16	0 17 30	2°26'27	16°40	27°19	25°16	17° 9	20°11	27° 1	20°25	29° 8	7°21	3°15	4°34	22° 9	9°36	S 16
M17	0 21 27	3°25'34	28°32	28°27	26°31	17°42	20°22	27° 1	20°23	29° 6	7°21	3°17	4°31	22°15	9°35	M17
T 18	0 25 23	4°24'43	10 × 32	29°34	27°46	18°15	20°33	27° 0	20°22	29° 5	7°21	3°19	4°28	22°22	9°34	T 18
W19	0 29 20	5°23'54	22°46	0 M .38	29° 1	18°47	20°45	27° 0	20°20	29° 4	7°21	3°20	4°24	22°29	9°32	W19
T 20	0 33 16	6°23'06	5 중 18	1°40	0 ≙ 16	19°20	20°56	27° 0	20°19	29° 3	7°22	3°R21	4°21	22°35	9°31	T 20
F 21 S 22	0 37 13	7°22'20	18°11	2°40 3°36	1°31 2°46	19°52 20°24	21° 7 21°19	27° 0 27°D 0	20°17 20°15	29° 1 29° 0	7°22 7°22	3°20 3°19	4°18 4°15	22°42 22°49	9°30 9°29	F 21 S 22
	0 41 10	8°21'36	1≈31													
S 23	0 45 6	9°20'54	15°19	4°30	4° 1	20°56	21°30	27° 0	20°14	28°59	7°23	3°16	4°12	22°55	9°27	S 23
M24	0 49 3	10°20'13	29°35	5°21	5°16	21°28	21°42	27° 0	20°12	28°58	7°23	3°13	4° 9	23° 2	9°26	M24
T 25	0 52 59	11°19'35	14) (17	6° 8	6°31	22° 0	21°53	27° 0	20°10	28°57	7°24	3°10	4° 5	23° 9	9°25	T 25
W26	0 56 56	12°18'58	29°17	6°51	7°46	22°31	22° 5	27° 1	20° 8	28°56	7°24	3° 7	4° 2	23°15	9°25	W26
T 27	1 0 52	13°18'23	14 Υ 29	7°29	9° 1	23° 2	22°17	27° 1	20° 7	28°55	7°25	3° 6	3°59	23°22	9°24	T 27
F 28	1 4 49	14°17'50	29°42	8° 3	10°16	23°33	22°28	27° 2	20° 5	28°54	7°25	3°D 5	3°56	23°28	9°23	F 28
S 29	1 8 45	15°17'20	14847	8°32	11°31	24° 4	22°40	27° 2	20° 3	28°53	7°26	3° 5	3°53	23°35	9°22	S 29
S 30	1 12 42	16 ≏ 16'51	29 8 35	8 M 55	12 ≏ 46	24935	22 M 52	27중 3	208 1	28≈52	7 궁 26	3 8 6	3 8 49	23 ≏ 42	9≈22	S 30

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S 1	4n52	13n42	0n11	3 s21	0s30	10n22	1n21	23n41	0n27	16 s24	0n46	21 s19	0 s35	17n40	0s19	12 s23	0 s45	21 s47	1n31	12n52	13n21	6 s48	10s59	7n 2
S 2	4 29	19 19	1 28	4 3	0 38	9 55	1 22	23 40	0 28	16 27	0 46	21 19	0 35	17 40	0 19	12 24	0 45	21 48	1 31	12 52	13 20	6 51	11 0	7 1
M 3	4 6	23 42	2 38	4 45	0 46	9 28	1 23	23 38	0 29	16 30	0 46	21 19	0 35	17 40	0 19	12 24	0 45	21 48	1 30	12 53	13 19	6 54	11 1	7 1
T 4	3 43	26 36	3 37	5 26	0 53	9 0	1 23	23 37	0 31	16 33	0 45	21 20	0 35	17 39	0 19	12 25	0 45	21 48	1 30	12 53	13 17	6 58	11 2	7 1
W 5	3 19	27 52	4 23	6 6	1 1	8 32	1 24	23 35	0 32	16 36	0 45	21 20	0 35	17 39	0 19	12 25	0 45	21 48	1 30	12 53	13 16	7 1	11 3	7 0
T 6	2 56	27 31	4 54	6 46	1 9	8 4	1 24	23 33	0 33	16 38	0 45	21 21	0 35	17 39	0 19	12 26	0 45	21 48	1 30	12 52	13 15	7 4	11 4	7 0
F 7	2 33	25 40	5 8	7 26	1 17	7 36	1 25	23 31	0 34	16 41	0 45	21 21	0 35	17 39	0 19	12 26	0 45	21 48	1 30	12 51	13 14	7 7	11 5	7 0
S 8	2 10	22 33	5 8	8 4	1 24	7 7	1 25	23 29	0 35	16 44	0 45	21 21	0 35	17 38	0 19	12 27	0 45	21 48	1 30	12 49	13 13	7 11	11 6	6 59
S 9	1 46	18 28	4 53	8 42	1 32	6 38	1 26	23 27	0 36	16 47	0 45	21 21	0 35	17 38	0 19	12 27	0 45	21 49	1 30	12 46	13 12	7 14	11 6	6 59
M10	1 23	13 40	4 24	9 20	1 39	6 9	1 26	23 25	0 38	16 50	0 44	21 22	0 35	17 38	0 19	12 28	0 45	21 49	1 29	12 44	13 11	7 17	11 7	6 58
T 11	0 59	8 24	3 44	9 56	1 47	5 40	1 26	_	0 39	16 53	0 44	21 22	0 35	17 37	0 19	12 28	0 45	21 49	1 29	12 42	13 10	7 21	11 8	6 58
W12	0 36	2 53	2 54	10 32	1 54	5 11	1 26	23 20	0 40	16 56	0 44	21 22	0 35	17 37	0 19	12 29	0 45	21 49	1 29	12 40	13 9	7 24	11 9	6 58
T 13	0 12	2 s41	1 57	11 6	2 1	4 41	1 26	23 17	0 41	16 59	0 44	21 22	0 35	17 37	0 19	12 29	0 45	21 49	1 29	12 39	13 8	7 27	11 10	6 57
F 14	0 s 1 1	8 9	0 55	11 40	2 8	4 12	1 26	23 14	0 42	17 2	0 44	21 23	0 35	17 36	0 19	12 30	0 45	21 49	1 29	12 38	13 7	7 30	11 11	6 57
S 15	0 35	13 19	0s 9	12 13	2 15	3 42	1 26	23 11	0 44	17 6	0 44	21 23	0 35	17 36	0 19	12 30	0 45	21 49	1 29	12 38	13 6	7 34	11 12	6 56
S 16	0 58	18 2	1 13	12 45	2 22	3 12	1 26	23 8	0 45	17 9	0 43	21 23	0 35	17 36	0 19	12 31	0 45	21 50	1 29	12 38	13 5	7 37	11 12	6 56
M17	1 22	22 4	2 14	13 16	2 28	2 42	1 26	23 5	0 46	17 12	0 43	21 23	0 35	17 35	0 19	12 31	0 45	21 50	1 28	12 39	13 4	7 40	11 13	6 56
T 18	1 45	25 14	3 11	13 45	2 35	2 12	1 25	23 2	0 47	17 15	0 43	21 23	0 35	17 35	0 19	12 32	0 45	21 50	1 28	12 39	13 3	7 44	11 14	6 55
W19	2 9	27 17	3 59	14 14	2 41	1 42	1 25	22 59	0 48	17 18	0 43	21 23	0 35	17 34	0 19	12 32	0 45	21 50	1 28	12 40	13 1	7 47	11 15	6 55
T 20	2 33	28 2	4 38	14 41	2 46	1 11	1 25	22 56	0 50	17 21	0 43	21 23	0 35	17 34	0 19	12 32	0 45	21 50	1 28	12 40	13 0	7 50	11 15	6 54
F 21	2 56	27 17	5 4	15 7	2 52	0 41	1 24	22 52	0 51	17 24	0 43	21 23	0 35	17 34	0 19	12 33	0 45	21 50	1 28	12 40	12 59	7 53	11 16	6 54
S 22	3 19	24 59	5 15	15 31	2 57	0 11	1 24	22 49	0 52	17 27	0 42	21 23	0 35	17 33	0 19	12 33	0 45	21 50	1 28	12 39	12 58	7 57	11 17	6 53
S 23	3 43	21 11	5 8	15 54	3 1	0s20	1 23	22 45	0 54	17 30	0 42	21 23	0 35	17 33	0 19	12 34	0 45	21 50	1 28	12 38	12 57	8 0	11 18	6 53
M24	4 6	16 3	4 42	16 15	3 5	0 50	1 22	22 41	0 55	17 33	0 42			17 32		12 34		21 51	1 27	12 37	12 56	8 3	11 18	6 52
T 25	4 30			16 34	3 9	1 21		22 38		17 37		21 23		17 32		12 34		21 51		12 36		8 6	_	6 52
W26	4 53	2 58	2 56	16 51	3 12	1 51	1 21	22 34		17 40	0 42	21 23	0 35	17 31	0 19	12 35	0 45	21 51			12 54	8 10	11 20	6 52
T 27	5 16	4n10	1 41	17 6	3 14	2 21	1 20	22 30	0 59	17 43	0 42	21 23		17 31	0 19	12 35	0 45	21 51	1 27	12 35	12 53			6 51
F 28	5 39		0 19	17 19	3 16	2 52	1 19	22 26		17 46		21 23		17 30		12 36		21 51			12 52	8 16	11 21	6 51
S 29	6 2	17 20	1n 4	17 29	3 17	3 22		22 22		17 49		21 23		17 30		12 36		21 51			12 51			6 50
S 30	6 s25	22n25	2n22	17 s37	3 s 1 7	3 s52	1n17	22n18	1n 3	17 s52	0n41	21 s23	0s35	17n29	0s19	12 s36	0 s45	21 s51	1n27	12n35	12n50	8 s23	11 s22	6n50

Julian Day Number = 2276481.5, Delta T = 245.65 sec

Ecliptic obliquity = $23^{\circ}30'14$, Nutation = $-0^{\circ}00'10$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°03'08, Lahiri = 17°10'08 Julian Calendar 1 Sept. 1520 == Greg. Calendar 11 Sept. 1520

OCTOBER 1520 JC 00:00 UT

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M 1	1 16 39	17 ≏ 16'25	14∏ 1	9 M .12	14 ♀ 2	2595 5	23 M 4	27る 4	19°R59	28°R51	7 云 27	3 8 7	3 8 46	23 ≏ 48	9°R21	M 1
T 2	1 20 35	18°16'02	28° 1	9°22	15°17	25°35	23°16	27° 5	19 8 57	28≈50	7°28	3° 8	3°43	23°55	9≈20	T 2
W 3	1 24 32	19°15'40	119537	9°R25	16°32	26° 5	23°28	27° 6	19°55	28°49	7°28	3° 9	3°40	24° 2	9°20	W 3
T 4	1 28 28	20°15'22	24°48	9°21	17°47	26°35	23°40	27° 7	19°53	28°48	7°29	3°R 9	3°37	24° 8	9°20	T 4
F 5	1 32 25	21°15'05	7 Ω 37	9° 7	19° 2	27° 4	23°53	27° 8	19°51	28°47	7°30	3° 9	3°34	24°15	9°19	F 5
S 6	1 36 21	22°14'50	20° 8	8°46	20°17	27°34	24° 5	27°10	19°49	28°46	7°31	3° 8	3°30	24°22	9°19	S 6
S 7	1 40 18	23°14'38	2 m 25	8°15	21°33	28° 3	24°17	27°11	19°46	28°45	7°31	3° 6	3°27	24°28	9°19	S 7
M 8	1 44 14	24°14'28	14°30	7°35	22°48	28°32	24°30	27°13	19°44	28°45	7°32	3° 5	3°24	24°35	9°19	M 8
T 9	1 48 11	25°14'20	26°27	6°47	24° 3	29° 0	24°42	27°14	19°42	28°44	7°33	3° 4	3°21	24°42	9°D19	T 9
W10	1 52 8	26°14'14	8 亞 18	5°50	25°18	29°28	24°55	27°16	19°40	28°43	7°34	3° 3	3°18	24°48	9°19	W10
T 11	1 56 4	27°14'10	20° 6	4°46	26°34	29°56	25° 7	27°18	19°38	28°42	7°35	3° 2	3°15	24°55	9°19	T 11
F 12	2 0 1	28°14'08	1 M .53	3°35	27°49	0 Ω 24	25°20	27°20	19°35	28°42	7°36	3°D 2	3°11	25° 2	9°19	F 12
S 13	2 3 57	29°14'08	13°41	2°21	29° 4	0°52	25°33	27°22	19°33	28°41	7°37	3° 2	3° 8	25° 8	9°19	S 13
S 14	2 7 54	0ML14'10	25°33	1° 4	0 M .19	1°19	25°45	27°24	19°31	28°41	7°38	3° 2	3° 5	25°15	9°20	S 14
M15	2 11 50	1°14'14	7 .₹ 31	29 ≏ 46	1°35	1°46	25°58	27°26	19°28	28°40	7°39	3° 3	3° 2	25°21	9°20	M15
T 16	2 15 47	2°14'20	19°38	28°31	2°50	2°13	26°11	27°29	19°26	28°40	7°40	3° 3	2°59	25°28	9°20	T 16
W17	2 19 43	3°14'27	1 る 56	27°21	4° 5	2°39	26°24	27°31	19°24	28°39	7°41	3°R 3	2°55	25°35	9°21	W17
T 18	2 23 40	4°14'36	14°29	26°18	5°21	3° 5	26°37	27°34	19°21	28°39	7°42	3° 3	2°52	25°41	9°21	T 18
F 19	2 27 37	5°14'47	27°20	25°23	6°36	3°31	26°50	27°36	19°19	28°38	7°43	3° 3	2°49	25°48	9°22	F 19
S 20	2 31 33	6°14'59	10≈33	24°39	7°51	3°56	27° 3	27°39	19°16	28°38	7°44	3°D 3	2°46	25°55	9°23	S 20
S 21	2 35 30	7°15'12	24°10	24° 5	9° 7	4°21	27°16	27°42	19°14	28°37	7°46	3° 3	2°43	26° 1	9°24	S 21
M22	2 39 26	8°15'27	8) 12	23°44	10°22	4°46	27°29	27°45	19°12	28°37	7°47	3° 3	2°40	26° 8	9°24	M22
T 23	2 43 23	9°15'43	22°38	23°D33	11°37	5°11	27°42	27°48	19° 9	28°37	7°48	3° 4	2°36	26°15	9°25	T 23
W24	2 47 19	10°16'01	7 Υ 26	23°35	12°53	5°35	27°55	27°51	19° 7	28°37	7°49	3° 4	2°33	26°21	9°26	W24
T 25	2 51 16	11°16'21	22°29	23°47	14° 8	5°59	28° 8	27°54	19° 4	28°36	7°51	3° 5	2°30	26°28	9°27	T 25
F 26	2 55 12	12°16'42	7 8 40	24° 9	15°23	6°22	28°21	27°57	19° 2	28°36	7°52	3°R 5	2°27	26°35	9°28	F 26
S 27	2 59 9	13°17'05	22°50	24°41	16°38	6°45	28°34	28° 1	18°59	28°36	7°53	3° 4	2°24	26°41	9°30	S 27
S 28	3 3 6	14°17'29	7 Ⅱ 48	25°21	17°54	7° 8	28°47	28° 4	18°57	28°36	7°55	3° 3	2°21	26°48	9°31	S 28
M29	3 7 2	15°17'56	22°26	26° 8	19° 9	7°30	29° 1	28° 8	18°54	28°36	7°56	3° 2	2°17	26°54	9°32	M29
T 30	3 10 59	16°18'24	69640	27° 3	20°25	7°53	29°14	2 <u>8</u> °11	18°52	28°36	<u>7°57</u>	3° 0	2°14	27° 1	9°33	T 30
W31	3 14 55	17 M .18'54	209527	28 ₾ 3	21 M 40	8 Ω 14	29 m 27	28 ට 15	18 8 49	28°D36	7 云 59	2 8 59	2811	27 ♀ 8	9 ≈ 35	W31

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T 2	7 11	27 49 4	20 17 43	3 14	4 53	1 15	22 10	1 6	17 59	0 41	21 23	0 35	17 28	0 19	12 37	0 45	21 51	1 26	12 36	12 47	8 29	11 23	6 49
W 3	7 34		55 17 40		5 23		22 5	1 7	-	-	21 22		17 28		12 37		-	-	12 36	-		11 24	6 48
T 4	7 56	-	14 17 34		5 53		22 1		18 5		21 22		17 27		12 37		-	-	12 36	-		11 25	6 48
F 5			16 17 24		6 23		21 57	1 10			21 22		17 27		12 38		21 52					11 25	6 47
S 6	8 41	19 36 5	3 17 10	2 51	6 52	1 10	21 52	1 12	18 11	0 40	21 22	0 35	17 26	0 19	12 38	0 45	21 52	1 26	12 35	12 43	8 42	11 26	6 47
S 7	9 3	14 56 4	37 16 51	2 42	7 22	1 9	21 48	1 13	18 15	0 40	21 21	0 35	17 25	0 19	12 38	0 45	21 52	1 26	12 35	12 42	8 46	11 26	6 46
M 8	9 25	9 47 3	58 16 27	2 31	7 51	1 7	21 44	1 14	18 18	0 40	21 21	0 35	17 25	0 19	12 39	0 45	21 52	1 25	12 34	12 41	8 49	11 27	6 46
T 9	9 47		10 15 59		8 20		21 39		18 21		21 21		17 24		12 39		21 52	-	12 34	-		11 27	6 45
W10	10 9		13 15 26		8 49		21 35		18 24		21 21		17 24		12 39		21 52		12 34			11 28	6 45
T 11	10 31	6 47 1			9 18		21 30		18 27		21 20		17 23		12 39		21 52	-	12 33			11 28	6 44
F 12	10 53	'	6 14 8		9 47		21 26		18 30		21 20		17 22		12 39		21 52		12 33			11 28	6 44
S 13	11 14	16 56 0s	59 13 24	1 9	10 15	0 59	21 21	1 22	18 33	0 40	21 19	0 36	17 22	0 19	12 40	0 45	21 52	1 25	12 33	12 36	9 5	11 29	6 43
			2 12 39		10 43		21 17		18 37		21 19		17 21		12 40		21 53		12 34			11 29	6 43
M15		24 35 3	0 11 52		11 11		21 12	1 25			21 19		17 21		12 40		21 53		12 34			11 30	6 42
T 16		26 56 3			11 39	0 54		1 27			21 18		17 20		12 40		21 53		12 34			11 30	6 42
W17		-			12 6	0 52	-	1 28			21 18		17 19		12 40		21 53		12 34	-		11 30	6 41
T 18	12 58		1 9 41		12 33		20 59	1 30			21 17		17 19		12 41		21 53		12 34			11 31	6 41
F 19	13 18				13 0		20 54	1 32			21 17		17 18		12 41		21 53		12 34			11 31	6 40
S 20	15 38	22 41 5	15 8 32		13 26		20 50		18 55	0 39	21 16	0 30	17 17	0 19	12 41	0 45	21 53	1 24	12 34	12 28	9 28	11 31	6 40
S 21		18 10 4			13 53		20 46		18 58		21 16		17 17		12 41		21 53		12 34			11 31	6 40
M22	14 18				14 18		20 41	1 37			21 15		17 16		12 41		21 53		12 34			11 32	6 39
T 23	14 37	6 5 3			14 44		20 37	1 38			21 15		17 15		12 41		21 53		12 34			11 32	6 39
W24 T 25	14 56				15 9		20 33	1 40			21 14		17 15		12 41		21 53		12 34			11 32	6 38 6 38
F 26	15 15 15 34	7 52 0 1 14 31 0ni			15 33 15 58		20 28 20 24		19 11 19 14		21 13 21 13		17 14 17 13		12 41 12 41		21 53 21 53		12 34 12 34			11 32 11 33	6 37
S 27		20 16 1					20 24 20 20		19 14		21 13		17 13		12 41		21 53		12 34			11 33	6 37
S 28		24 39 3	1 7 41		16 45		20 16		19 20		21 11		17 12		12 41		21 53		12 34			11 33	6 36
M29	16 28		1 7 57		17 8		20 12		19 23		21 11		17 11		12 41		21 53		12 33			11 33	6 36
	16 46	-			17 30	0 24		1 51			21 10		17 11		12 41		21 54				10 0		6 35
W31	17s 3	27n 2 5n	9 8s38	2n20	17 s52	0n22	20n 4	1n53	19 s 29	0n38	21s 9	Us36	17n10	0819	12 s41	0 s45	21 s54	1n22	12n32	12n16	10s 3	11s33	6n35

Julian Day Number = 2276511.5, Delta T = 245.46 sec

Ecliptic obliquity = $23^{\circ}30'14$, Nutation = $-0^{\circ}00'10$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°03'12, Lahiri = 17°10'12 Julian Calendar 1 Oct. 1520 == Greg. Calendar 11 Oct. 1520

NOVEMBER 1520 JC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ)∤(朴	Р	'n	Ω	ţ	, k	Day
T 1	3 18 52	18 M .19'26	3 Ω 45	29 <u>₽</u> 8	22 M 55	8 Ω 36	29 M 41	28 궁 19	18°R47	28≈36	0 S 8	2°R58	2 8 8	27 ≙ 14	9≈36	T 1
F 2	3 22 48	19°20'00	16°38	OM 18	24°11	8°56	29°54	28°23	18 8 44	28°36	8° 2	2°D57	2° 5	27°21	9°38	F 2
S 3	3 26 45	20°20'35	29° 9	1°31	25°26	9°17	0 才 7	28°27	18°42	28°36	8° 3	2 8 57	2° 1	27°28	9°40	S 3
S 4	3 30 41	21°21'12	11 m 22	2°48	26°41	9°37	0°21	28°31	18°39	28°36	8° 5	2°58	1°58	27°34	9°41	S 4
M 5	3 34 38	22°21'51	23°23	4° 7	27°57	9°57	0°34	28°35	18°37	28°36	8° 6	3° 0	1°55	27°41	9°43	M 5
T 6	3 38 35	23°22'32	5 ≙ 14	5°29	29°12	10°16	0°48	28°39	18°34	28°36	8° 8	3° 1	1°52	27°48	9°45	T 6
W 7	3 42 31	24°23'14	17° 1	6°52	0 ∡ 127	10°34	1° 1	28°43	18°32	28°36	8°10	3° 3	1°49	27°54	9°47	W 7
T 8	3 46 28	25°23'58	28°48	8°18	1°43	10°53	1°14	28°48	18°29	28°37	8°11	3°R 4	1°46	28° 1	9°49	T 8
F 9	3 50 24	26°24'43	10 M 37	9°44	2°58	11°11	1°28	28°52	18°27	28°37	8°13	3° 4	1°42	28° 8	9°51	F 9
S 10	3 54 21	27°25'29	22°31	11°12	4°14	11°28	1°41	28°57	18°24	28°37	8°14	3° 2	1°39	28°14	9°53	S 10
S 11	3 58 17	28°26'18	4 ₹ 32	12°41	5°29	11°45	1°55	29° 1	18°22	28°38	8°16	2°59	1°36	28°21	9°55	S 11
M12	4 2 14	29°27'07	16°41	14°11	6°44	12° 1	2° 8	29° 6	18°19	28°38	8°18	2°55	1°33	28°28	9°57	M12
T 13	4 6 10	0 ∡ 27'57	29° 1	15°41	8° 0	12°17	2°22	29°11	18°17	28°38	8°20	2°51	1°30	28°34	9°59	T 13
W14	4 10 7	1°28'49	11 る 32	17°12	9°15	12°32	2°35	29°15	18°14	28°39	8°21	2°46	1°27	28°41	10° 1	W14
T 15	4 14 4	2°29'42	24°16	18°43	10°30	12°47	2°49	29°20	18°12	28°39	8°23	2°41	1°23	28°47	10° 4	T 15
F 16	4 18 0	3°30'35	7≈14	20°15	11°46	13° 1	3° 2	29°25	18°10	28°40	8°25	2°37	1°20	28°54	10° 6	F 16
S 17	4 21 57	4°31'30	20°27	21°47	13° 1	13°15	3°16	29°30	18° 7	28°40	8°27	2°35	1°17	29° 1	10° 9	S 17
S 18	4 25 53	5°32'25	3) €58	23°19	14°17	13°28	3°29	29°35	18° 5	28°41	8°28	2°D34	1°14	29° 7	10°11	S 18
M19	4 29 50	6°33'20	17°47	24°51	15°32	13°41	3°43	29°40	18° 2	28°42	8°30	2°34	1°11	29°14	10°14	M19
T 20	4 33 46	7°34'17	1 Y 55	26°24	16°47	13°52	3°56	29°46	18° 0	28°42	8°32	2°36	1° 7	29°21	10°16	T 20
W21	4 37 43	8°35'14	16°22	27°57	18° 3	14° 4	4°10	29°51	17°58	28°43	8°34	2°37	1° 4	29°27	10°19	W21
T 22	4 41 39	9°36'12	1 8 3	29°29	19°18	14°15	4°23	29°56	17°55	28°44	8°36	2°R38	1° 1	29°34	10°22	T 22
F 23	4 45 36	10°37'11	15°54	1 √ 2	20°33	14°25	4°37	0≈ 2	17°53	28°45	8°38	2°37	0°58	29°41	10°25	F 23
S 24	4 49 33	11°38'10	0 耳 50	2°35	21°49	14°34	4°50	0° 7	17°51	28°45	8°39	2°35	0°55	29°47	10°28	S 24
S 25	4 53 29	12°39'10	15°40	4° 9	23° 4	14°43	5° 4	0°13	17°49	28°46	8°41	2°30	0°52	29°54	10°30	S 25
M26	4 57 26	13°40'12	0ഇ18	5°42	24°19	14°52	5°17	0°18	17°47	28°47	8°43	2°24	0°48	0 ™ 1	10°33	M26
T 27	5 1 22	14°41'14	14°36	7°15	25°35	14°59	5°31	0°24	17°44	28°48	8°45	2°17	0°45	0° 7	10°36	T 27
W28	5 5 19	15°42'17	28°29	8°49	26°50	15° 6	5°44	0°30	17°42	28°49	8°47	2°10	0°42	0°14	10°39	W28
T 29	5 9 15	16°43'20	11 Ω 54	10°22	28° 5	15°12	5°57	0°35	17°40	28°50	8°49	2° 4	0°39	0°21	10°43	T 29
F 30	5 13 12	17 ×7 44'25	24 Ω 54	11 ×7 56	29 × 21	15 Ω 18	6 ₹ 11	0≈41	17 8 38	28≈51	8 云 51	1 8 59	0 8 36	0 ™ 27	10≈46	F 30

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T 1		24n29	-			18s14		20n 0		19s31		21 s 8		17n 9		12 s41		21 s54	1n22	12n32	-		11 s33	6n34
F 2		20 47	5 8					19 57		19 34				17 9		12 41		21 54				10 10		6 34
S 3		16 14			2 13			19 53		19 37	0 37		0 36			12 41		21 54				10 13		6 33
S 4	18 9	/		10 27	2 9			19 49		19 40			0 36			12 41		21 54				10 16		6 33
M 5	18 25 18 40	-	-	10 58 11 30				19 46 19 43		19 43 19 46	0 37 0 37		0 36 0 36			12 41 12 41		21 54 21 54				10 19 10 23		6 32
W 7	18 55	-	1 27					19 43		19 49	0 37		0 36			12 41		21 54				10 23		6 32
T 8	19 10			12 35	1 49			19 36		19 52	0 37		0 36			12 41		21 54		12 34		10 29		6 31
F 9	19 24	15 42	0 s42	13 8	1 43	20 48	0 1	19 33	2 10	19 54	0 37	21 2	0 36	17 4	0 19	12 41	0 44	21 54	1 21	12 34	12 6	10 32	11 33	6 31
S 10	19 38	20 8	1 45	13 41	1 37	21 4	0 s 2	19 30	2 12	19 57	0 37	21 1	0 36	17 3	0 19	12 41	0 44	21 54	1 21	12 33	12 5	10 35	11 33	6 30
S 11	19 52	23 48	2 45	14 15	1 31	21 21	0 4	19 28	2 14	20 0	0 37	21 0	0 36	17 2	0 19	12 41	0 44	21 54	1 21	12 32	12 4	10 39	11 33	6 30
M12		26 26		14 48				19 25		20 3		20 59				12 40	-	21 54			_	10 42		6 29
T 13	-	27 50		15 21		21 51		19 23		20 6		20 58	0 36			12 40		21 54		12 29		10 45		6 29
W14 T 15		27 51 26 24		15 53 16 25	1 11	22 5 22 19		19 20 19 18		20 8 20 11		20 57 20 56	0 36 0 36			12 40 12 40		21 54 21 54				10 48 10 51		6 28 6 28
F 16		23 32		16 57		22 31		19 16		20 11		20 55		16 59		12 40		21 54				10 51		6 28
S 17		19 24		17 28		22 44		19 14		20 16		20 54		16 58		12 39		21 54	-			10 58		6 27
S 18	21 17	14 13	4 27	17 58	0 42	22 55	0 21	19 13	2 30	20 19	0 36	20 53	0 36	16 58	0 19	12 39	0 44	21 54	1 20	12 24	11 56	11 1	11 31	6 27
M19	21 28	8 13		18 28	0 35			19 11		20 22		20 52		16 57		12 39		21 54			11 55		11 31	6 26
T 20	21 38	1 41	2 40	18 57	0 28	23 16	0 26	19 10	2 34	20 24	0 36	20 51	0 36	16 57	0 19	12 39	0 44	21 54	1 20	12 24	11 54	11 7	11 31	6 26
W21	21 48			19 25		23 26		19 9		20 27		20 50		16 56		12 38		21 54				11 10		6 26
T 22 F 23		11 44		19 52 20 19		23 34 23 43	0 30 0 33			20 29 20 32		20 49 20 48		16 55		12 38 12 38		21 54 21 54				11 14		6 25 6 25
S 24	_	17 47 22 47		20 19		23 43	0 35			20 32 20 34		20 48		16 55 16 54		12 38		21 54				11 17 11 20		6 24
S 25 M26		26 15 27 53	3 33	21 9 21 32	0s 7 0 14	23 56 24 2	0 37 0 39			20 37 20 39		20 45 20 44		16 53 16 53		12 37 12 37		21 54 21 54				11 23 11 26		6 24 6 24
T 27		27 35		21 55	0 20		0 42			20 42		20 44		16 52		12 37		21 54				11 20		6 23
W28		25 33		22 16			0 44			20 44		20 42		16 52		12 36		21 54				11 33		6 23
T 29	22 50	22 8	5 5	22 37	0 33	24 15	0 46	19 7	2 55	20 47		20 40		16 51	0 18	12 36	0 44	21 54	1 19	12 13	11 44	11 36	11 27	6 22
F 30	22 s56	17n44	4n45	22 s 5 6	0 s40	24s18	0 s48	19n 7	2n58	20 s49	0n35	20 s39	0s37	16n51	0s18	12 s 3 6	0 s44	21 s54	1n19	12n12	11n43	11 s39	11 s27	6n22

Julian Day Number = 2276542.5, Delta T = 245.27 sec

Ecliptic obliquity = 23°30'13, Nutation = -0°00'10, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 18°03'16, Lahiri = 17°10'16 Julian Calendar 1 Nov. 1520 == Greg. Calendar 11 Nov. 1520

DECEMBER 1520 JC 00:00 UT

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S 1	5 17 9	18 × 745'30	7 m 29	13 × 129	0 ප 36	15 Ω 23	6 ₹ 24	0≈47	17°R36	28≈52	8 궁 53	1°R56	0 8 33	0 M .34	10≈49	S 1
S 2	5 21 5	19°46'37	19°44	15° 3	1°51	15°27	6°37	0°53	17834	28°53	8°55	1°D55	0°29	0°40	10°52	S 2
M 3	5 25 2	20°47'44	1 <u>₽</u> 44	16°37	3° 7	15°30	6°51	0°59	17°32	28°54	8°57	1856	0°26	0°47	10°55	M 3
T 4	5 28 58	21°48'52	13°35	18°12	4°22	15°33	7° 4	1° 5	17°30	28°55	8°59	1°57	0°23	0°54	10°59	T 4
W 5	5 32 55	22°50'01	25°22	19°46	5°37	15°35	7°17	1°11	17°28	28°56	9° 1	1°59	0°20	1° 0	11° 2	W 5
T 6	5 36 51	23°51'10	7 M 9	21°21	6°52	15°36	7°31	1°17	17°26	28°57	9° 3	1°R59	0°17	1° 7	11° 5	T 6
F 7	5 40 48	24°52'20	19° 1	22°55	8°8	15°R36	7°44	1°23	17°24	28°59	9° 5	1°57	0°13	1°14	11° 9	F 7
S 8	5 44 44	25°53'30	1 √ 2	24°31	9°23	15°36	7°57	1°30	17°23	29° 0	9° 7	1°53	0°10	1°20	11°12	S 8
S 9	5 48 41	26°54'42	13°13	26° 6	10°38	15°34	8°10	1°36	17°21	29° 1	9° 9	1°46	0° 7	1°27	11°16	S 9
M10	5 52 38	27°55'53	25°38	27°41	11°54	15°32	8°24	1°42	17°19	29° 2	9°11	1°37	0° 4	1°34	11°20	M10
T 11	5 56 34	28°57'05	8 궁 16	29°17	13° 9	15°30	8°37	1°49	17°17	29° 4	9°13	1°26	0° 1	1°40	11°23	T 11
W12	6 0 31	29°58'17	21° 8	0 궁 53	14°24	15°26	8°50	1°55	17°16	29° 5	9°15	1°15	29 Y 58	1°47	11°27	W12
T 13	6 4 27	0 る 59'29	4≈12	2°30	15°39	15°21	9° 3	2° 2	17°14	29° 6	9°17	1° 4	29°54	1°54	11°31	T 13
F 14	6 8 24	2° 0'41	17°27	4° 6	16°55	15°16	9°16	2°8	17°12	29° 8	9°19	0°55	29°51	2° 0	11°34	F 14
S 15	6 12 20	3° 1'52	0) €54	5°43	18°10	15°10	9°29	2°15	17°11	29° 9	9°21	0°48	29°48	2° 7	11°38	S 15
S 16	6 16 17	4° 3'04	14°31	7°20	19°25	15° 3	9°42	2°21	17° 9	29°11	9°23	0°44	29°45	2°13	11°42	S 16
M17	6 20 13	5° 4'15	28°19	8°58	20°40	14°55	9°55	2°28	17° 8	29°12	9°25	0°42	29°42	2°20	11°46	M17
T 18	6 24 10	6° 5'26	12 Y 17	10°36	21°56	14°47	10° 7	2°34	17° 6	29°14	9°27	0°D42	29°39	2°27	11°50	T 18
W19	6 28 7	7° 6'36	26°25	12°14	23°11	14°37	10°20	2°41	17° 5	29°15	9°29	0°R43	29°35	2°33	11°54	W19
T 20	6 32 3	8° 7'47	10843	13°53	24°26	14°27	10°33	2°48	17° 4	29°17	9°32	0°42	29°32	2°40	11°58	T 20
F 21	6 36 0	9° 8'56	25° 8	15°32	25°41	14°16	10°46	2°54	17° 2	29°19	9°34	0°40	29°29	2°47	12° 1	F 21
S 22	6 39 56	10°10'06	9∏37	17°11	26°56	14° 4	10°58	3° 1	17° 1	29°20	9°36	0°35	29°26	2°53	12° 5	S 22
S 23	6 43 53	11°11'15	24° 5	18°50	28°11	13°52	11°11	3° 8	17° 0	29°22	9°38	0°27	29°23	3° 0	12°10	S 23
M24	6 47 49	12°12'24	89524	20°30	29°26	13°38	11°24	3°15	16°59	29°23	9°40	0°17	29°19	3° 7	12°14	M24
T 25	6 51 46	13°13'32	22°30	22°10	0≈42	13°24	11°36	3°22	16°58	29°25	9°42	0° 5	29°16	3°13	12°18	T 25
W26	6 55 43	14°14'41	6 Ω 16	23°50	1°57	13° 9	11°49	3°29	16°57	29°27	9°44	29 Y 53	29°13	3°20	12°22	W26
T 27	6 59 39	15°15'48	19°40	25°30	3°12	12°54	12° 1	3°36	16°56	29°29	9°46	29°42	29°10	3°27	12°26	T 27
F 28	7 3 36	16°16'56	2 Mp 41	27°11	4°27	12°37	12°13	3°42	16°55	29°30	9°48	29°32	29° 7	3°33	12°30	F 28
S 29	7 7 32	17°18'03	15°18	28°51	5°42	12°20	12°26	3°49	16°54	29°32	9°50	29°26	29° 4	3°40	12°34	S 29
S 30	7 11 29	18°19'10	27°36	0≈31	6°57	12° 3	12°38	3°56	16°53	29°34	9°52	29°22	29° 0	3°47	12°39	S 30
M31	7 15 25	19 궁 20'17	9 ₾ 38	2≈10	8≈12	11 Ω 44	12 × 50	4≈ 3	16 8 52	29≈36	9 궁 54	29 Y 20	28 Y 57	3 M 53	12≈43	M31

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S 1	23 s 2	12n41	4n12	23 s14	0 s46	24 s20	0s50	19n 8	3n 0	20 s 5 1	0n35	20 s38	0s37	16n50	0s18	12 s35	0 s44	21 s54	1n19	12n11	11n42	11 s42	11 s26	6n22
S 2	23 7	7 16	3 28	23 32	0 52	24 22	0 52	19 9	3 3	20 54	0 35	20 37	0 37	16 49	0 18	12 35	0 44	21 54	1 19	12 10	11 40	11 45	11 26	6 21
M 3	23 11	1 41		23 47		24 22		19 11		20 56		20 35		16 49		12 35		21 54			11 39			6 21
T 4	23 15	3 s53				24 22		19 12		20 58		20 34		16 48		12 34		21 54			11 38			6 21
W 5 T 6	23 19 23 22			24 16 24 28	1 9	24 21 24 20		19 14 19 16				20 33 20 32		16 48 16 47		12 34 12 33		21 54 21 54	-		11 37 11 36			6 20 6 20
F 7	23 24			24 28	1 20			19 10				20 32		16 47		12 33		21 54			11 36			6 20
S 8	23 26			24 48		24 14		19 21				20 29		16 46		12 32		21 54			11 34		11 22	
S 9	23 28	25 48	3 23	24 56	1 30	24 10	1 6	19 24	3 21	21 9	0.35	20 27	0.37	16 46	0.18	12 32	0 44	21 54	1 18	12 7	11 33	12 7	11 22	6 19
M10		27 33		25 3				19 27		21 12		20 26		16 45		12 31		21 54	1 18		11 32			6 19
T 11	23 30	27 54	4 40	25 9	1 39	24 0	1 9	19 30		21 14		20 25	0 37	16 45	0 18	12 31	0 44	21 53	1 18	12 0	11 30	12 14	11 21	6 18
W12	23 30	26 46	4 59	25 13	1 43	23 54	1 11	19 34	3 28	21 16	0 35	20 23	0 37	16 44	0 18	12 31	0 44	21 53	1 18	11 56	11 29	12 17	11 20	6 18
T 13	23 30			25 15		23 47		19 38		21 18		20 22		16 44		12 30		21 53			11 28			6 18
1	23 29			25 16		23 39		19 42		21 20		20 20		16 44		12 30		21 53			11 27			6 17
S 15	23 28	15 17	4 24	25 16	1 53	23 31	1 16	19 46	3 36	21 22	0 34	20 19	0 37	16 43	0 18	12 29	0 44	21 53	1 17	11 47	11 26	12 26	11 18	6 17
	23 26			25 14		23 22		19 50		21 24		20 18		16 43		12 28		21 53					11 17	
M17	23 24	3 10		25 10			1 19			21 26		20 16		16 42		12 28		21 53					11 16	
T 18 W19	23 22 23 19	3n23		25 5 24 59	2 1	23 2 22 51	1 20			21 28		20 15		16 42		12 27		21 53			11 23			6 16
	23 19			24 59		22 39	1 21	20 5 20 10		21 30 21 31		20 13 20 12		16 42 16 41		12 27 12 26		21 53 21 53			11 21		11 13	6 16 6 16
	23 11			24 41		22 26		20 16		21 33		20 12		16 41		12 26		21 53					11 13	
S 22	_	25 6		24 29		22 13		20 22		21 35				16 41		12 25		21 53					11 12	
S 23	23 2	27 26	4 4	24 16	2 7	21 59	1 26	20 28	3 55	21 37	0 34	20 7	0.38	16 40	0 18	12 25	0 44	21 53	1 16	11 40	11 17	12 51	11 11	6 15
M24		27 54	4 40			21 44		20 34		21 39				16 40		12 24		21 53					11 10	
T 25	22 51	26 32	4 59	23 45		21 29	1 28	20 40	4 0	21 40	0 34	20 4	0 38	16 40	0 18	12 23	0 44	21 53	1 16	11 32	11 15	12 57	11 9	6 15
W26	22 44	23 35		23 27		21 13		20 46		21 42				16 39		12 23		21 53			11 14		11 9	6 14
T 27		19 26	4 44			20 57		20 53		21 44				16 39		12 22		21 53			11 12		11 8	6 14
F 28				22 46		20 40	1 30			21 45		19 59		16 39		12 22		21 53			11 11		11 7	6 14
S 29	22 23	9 3	3 31	22 23	1 59	20 22	1 31	21 7	4 8	21 47	0 34	19 58	0 38	16 39	0 18	12 21	0 44	21 53	1 16	11 18	11 10	13 10	11 6	6 14
1	22 15			21 59		20 4		21 14		21 49		19 56		16 38		12 20		21 52	-		11 9		-	6 14
M31	22 s 6	2s16	1n42	21 s33	1 s52	19 s45	1 s32	21n21	4n12	21 s50	0n34	19s55	0 s 3 8	16n38	0s18	12 s20	0 s44	21 s52	1n16	11n16	11n 8	13 s 16	11s 4	6n13

Julian Day Number = 2276572.5, Delta T = 245.08 sec

Ecliptic obliquity = $23^{\circ}30'13$, Nutation = - $0^{\circ}00'09$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°03'20, Lahiri = 17°10'21 Julian Calendar 1 Dec. 1520 == Greg. Calendar 11 Dec. 1520