Astrodienst Ephemeris Tables

for the year 2120

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 2120
geocentric

JANUARY 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 39 38	9♑44'11	9♑40	19♑45	8♐28	7♑12	18°R31	14°R31	14°R26	0♏41	21°R38	22°R28	24♒10	16♋ 6	1♈11	M 1
T 2	6 43 35	10°45'22	24°56	21°22	9°42	7°57	18♊24	14♊27	14♋23	0°42	21♉37	22♒24	24° 7	16°13	1°12	T 2
W 3	6 47 31	11°46'32	10♒ 3	22°59	10°57	8°42	18°17	14°23	14°21	0°43	21°36	22°21	24° 4	16°20	1°13	W 3
T 4	6 51 28	12°47'42	24°50	24°36	12°11	9°28	18°10	14°19	14°18	0°44	21°36	22°D21	24° 0	16°26	1°14	T 4
F 5	6 55 24	13°48'52	9♓13	26°12	13°25	10°14	18° 4	14°15	14°15	0°45	21°35	22°22	23°57	16°33	1°16	F 5
S 6	6 59 21	14°50'02	23°10	27°49	14°40	10°59	17°57	14°11	14°13	0°46	21°34	22°23	23°54	16°40	1°17	S 6
S 7	7 3 17	15°51'12	6♈41	29°25	15°54	11°45	17°51	14° 7	14°10	0°47	21°34	22°24	23°51	16°46	1°18	S 7
M 8	7 7 14	16°52'21	19°47	1♒ 0	17° 8	12°31	17°44	14° 3	14° 8	0°48	21°33	22°R25	23°48	16°53	1°20	M 8
T 9	7 11 11	17°53'30	2♉33	2°35	18°23	13°16	17°38	14° 0	14° 5	0°49	21°33	22°24	23°45	17° 0	1°21	T 9
W10	7 15 7	18°54'38	15° 1	4°10	19°37	14° 2	17°32	13°56	14° 2	0°50	21°32	22°21	23°41	17° 6	1°23	W10
T 11	7 19 4	19°55'46	27°16	5°43	20°52	14°48	17°26	13°53	14° 0	0°50	21°32	22°16	23°38	17°13	1°24	T 11
F 12	7 23 0	20°56'54	9♊21	7°14	22° 6	15°34	17°21	13°49	13°57	0°51	21°31	22°11	23°35	17°20	1°26	F 12
S 13	7 26 57	21°58'01	21°19	8°45	23°21	16°20	17°15	13°46	13°55	0°52	21°31	22° 5	23°32	17°26	1°27	S 13
S 14	7 30 53	22°59'08	3♋11	10°13	24°35	17° 5	17°10	13°43	13°52	0°52	21°30	22° 0	23°29	17°33	1°29	S 14
M15	7 34 50	24° 0'15	15° 1	11°38	25°49	17°51	17° 5	13°40	13°50	0°53	21°30	21°55	23°26	17°40	1°31	M15
T 16	7 38 47	25° 1'21	26°51	13° 1	27° 4	18°37	17° 0	13°36	13°47	0°54	21°29	21°51	23°22	17°46	1°33	T 16
W17	7 42 43	26° 2'27	8♌41	14°21	28°19	19°23	16°55	13°33	13°45	0°54	21°29	21°49	23°19	17°53	1°35	W17
T 18	7 46 40	27° 3'32	20°35	15°36	29°33	20°10	16°50	13°31	13°42	0°55	21°28	21°D48	23°16	18° 0	1°37	T 18
F 19	7 50 36	28° 4'37	2♍34	16°47	0♑48	20°56	16°46	13°28	13°40	0°55	21°28	21°49	23°13	18° 6	1°39	F 19
S 20	7 54 33	29° 5'42	14°41	17°52	2° 2	21°42	16°42	13°25	13°37	0°56	21°28	21°50	23°10	18°13	1°41	S 20
S 21	7 58 29	0♒ 6'46	26°59	18°51	3°17	22°28	16°38	13°22	13°35	0°56	21°27	21°52	23° 6	18°20	1°43	S 21
M22	8 2 26	1° 7'50	9♎32	19°43	4°31	23°14	16°34	13°20	13°32	0°56	21°27	21°53	23° 3	18°26	1°45	M22
T 23	8 6 22	2° 8'54	22°23	20°27	5°46	24° 0	16°30	13°18	13°30	0°57	21°27	21°54	23° 0	18°33	1°47	T 23
W24	8 10 19	3° 9'57	5♏36	21° 3	7° 1	24°47	16°26	13°15	13°27	0°57	21°27	21°R55	22°57	18°40	1°49	W24
T 25	8 14 16	4°11'00	19°14	21°28	8°15	25°33	16°23	13°13	13°25	0°57	21°26	21°54	22°54	18°46	1°51	T 25
F 26	8 18 12	5°12'03	3♐17	21°43	9°30	26°19	16°20	13°11	13°23	0°58	21°26	21°53	22°51	18°53	1°53	F 26
S 27	8 22 9	6°13'05	17°45	21°R48	10°45	27° 6	16°17	13° 9	13°20	0°58	21°26	21°51	22°47	19° 0	1°56	S 27
S 28	8 26 5	7°14'07	2♑34	21°41	11°59	27°52	16°14	13° 7	13°18	0°58	21°26	21°49	22°44	19° 6	1°58	S 28
M29	8 30 2	8°15'08	17°38	21°22	13°14	28°39	16°11	13° 5	13°16	0°58	21°26	21°47	22°41	19°13	2° 1	M29
T 30	8 33 58	9°16'08	2♒49	20°52	14°29	29°25	16° 9	13° 4	13°13	0°58	21°25	21°46	22°38	19°20	2° 3	T 30
W31	8 37 55	10♒17'08	17♒56	20♒11	15♑44	0♒12	16♊ 7	13♊ 2	13♋11	0♏58	21♉25	21°D45	22♒35	19♋26	2♈ 5	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 4	26s34	3s30	24s 7	2s10	20s15	1n29	24s 0	0s47	22n25	0s31	20n52	1s41	23n 3	0n24	10s 8	1n41	3n35	15s 4	14s 1	13s28	25n37	3n17	3n 4
T 2	22 59	23 29	2 23	23 52	2 10	20 28	1 26	23 58	0 47	22 24	0 31	20 51	1 41	23 3	0 24	10 8	1 41	3 35	15 4	14 2	13 29	25 35	3 17	3 4
W 3	22 54	18 47	1 6	23 36	2 10	20 41	1 24	23 56	0 48	22 24	0 31	20 51	1 40	23 3	0 24	10 8	1 41	3 35	15 3	14 3	13 30	25 34	3 18	3 4
T 4	22 49	13 1	0n14	23 19	2 9	20 53	1 22	23 53	0 48	22 23	0 31	20 51	1 40	23 4	0 24	10 8	1 41	3 35	15 3	14 3	13 31	25 32	3 18	3 4
F 5	22 43	6 42	1 31	22 59	2 8	21 5	1 20	23 50	0 49	22 23	0 31	20 51	1 40	23 4	0 24	10 9	1 41	3 35	15 3	14 3	13 32	25 30	3 18	3 3
S 6	22 36	0 16	2 40	22 39	2 6	21 16	1 17	23 47	0 49	22 22	0 30	20 50	1 40	23 4	0 24	10 9	1 41	3 35	15 3	14 3	13 33	25 29	3 19	3 3
S 7	22 29	5n59	3 38	22 17	2 4	21 26	1 15	23 44	0 49	22 22	0 30	20 50	1 40	23 4	0 24	10 9	1 42	3 36	15 2	14 2	13 34	25 27	3 19	3 3
M 8	22 22	11 47	4 23	21 53	2 1	21 36	1 13	23 40	0 50	22 22	0 30	20 50	1 39	23 5	0 24	10 9	1 42	3 36	15 2	14 2	13 35	25 26	3 19	3 3
T 9	22 14	16 56	4 54	21 28	1 57	21 45	1 10	23 36	0 50	22 21	0 30	20 50	1 39	23 5	0 24	10 10	1 42	3 36	15 2	14 2	13 36	25 24	3 20	3 2
W10	22 6	21 15	5 9	21 2	1 53	21 54	1 8	23 32	0 51	22 21	0 30	20 49	1 39	23 5	0 24	10 10	1 42	3 36	15 1	14 3	13 37	25 23	3 20	3 2
T 11	21 57	24 35	5 11	20 35	1 48	22 2	1 5	23 27	0 51	22 21	0 29	20 49	1 39	23 6	0 24	10 10	1 42	3 36	15 1	14 5	13 38	25 21	3 20	3 2
F 12	21 48	26 45	4 58	20 6	1 42	22 9	1 3	23 22	0 52	22 20	0 29	20 49	1 39	23 6	0 24	10 10	1 42	3 36	15 1	14 6	13 39	25 20	3 21	3 2
S 13	21 38	27 41	4 33	19 36	1 36	22 16	1 0	23 17	0 52	22 20	0 29	20 49	1 38	23 6	0 24	10 10	1 42	3 37	15 1	14 8	13 40	25 18	3 21	3 1
S 14	21 28	27 19	3 56	19 5	1 28	22 21	0 57	23 12	0 52	22 20	0 29	20 49	1 38	23 6	0 24	10 11	1 42	3 37	15 0	14 10	13 41	25 16	3 22	3 1
M15	21 18	25 42	3 8	18 34	1 20	22 27	0 55	23 6	0 53	22 19	0 29	20 48	1 38	23 7	0 24	10 11	1 42	3 37	15 0	14 12	13 42	25 15	3 22	3 1
T 16	21 7	22 57	2 13	18 2	1 11	22 31	0 52	23 1	0 53	22 19	0 29	20 48	1 38	23 7	0 24	10 11	1 42	3 37	15 0	14 13	13 43	25 13	3 23	3 1
W17	20 56	19 14	1 12	17 29	1 1	22 35	0 50	22 55	0 54	22 19	0 28	20 48	1 38	23 7	0 24	10 11	1 42	3 37	14 59	14 14	13 44	25 12	3 23	3 1
T 18	20 44	14 44	0 7	16 57	0 50	22 39	0 47	22 48	0 54	22 19	0 28	20 48	1 37	23 7	0 24	10 11	1 42	3 37	14 59	14 14	13 45	25 10	3 24	3 0
F 19	20 32	9 38	0s59	16 24	0 38	22 41	0 44	22 42	0 54	22 18	0 28	20 48	1 37	23 8	0 24	10 11	1 42	3 38	14 59	14 14	13 46	25 8	3 24	3 0
S 20	20 20	4 8	2 3	15 52	0 25	22 43	0 41	22 35	0 55	22 18	0 28	20 48	1 37	23 8	0 24	10 11	1 42	3 38	14 58	14 13	13 47	25 7	3 25	3 0
S 21	20 7	1s35	3 2	15 21	0 11	22 44	0 39	22 28	0 55	22 18	0 28	20 48	1 37	23 8	0 24	10 11	1 42	3 38	14 58	14 13	13 48	25 5	3 26	3 0
M22	19 54	7 21	3 54	14 50	0n 4	22 45	0 36	22 20	0 56	22 18	0 27	20 48	1 36	23 8	0 24	10 12	1 42	3 38	14 58	14 12	13 49	25 3	3 26	3 0
T 23	19 40	12 58	4 35	14 22	0 19	22 45	0 33	22 13	0 56	22 18	0 27	20 47	1 36	23 9	0 24	10 12	1 43	3 39	14 57	14 12	13 51	25 2	3 27	2 59
W24	19 26	18 9	5 4	13 55	0 36	22 44	0 30	22 5	0 56	22 17	0 27	20 47	1 36	23 9	0 24	10 12	1 43	3 39	14 57	14 12	13 52	25 0	3 28	2 59
T 25	19 12	22 35	5 16	13 30	0 53	22 43	0 28	21 57	0 57	22 17	0 27	20 47	1 36	23 9	0 24	10 12	1 43	3 39	14 57	14 12	13 53	24 59	3 28	2 59
F 26	18 57	25 52	5 10	13 9	1 10	22 40	0 25	21 49	0 57	22 17	0 26	20 47	1 35	23 9	0 24	10 12	1 43	3 39	14 56	14 12	13 54	24 57	3 29	2 59
S 27	18 42	27 35	4 45	12 51	1 28	22 37	0 22	21 40	0 57	22 17	0 26	20 47	1 35	23 10	0 24	10 12	1 43	3 40	14 56	14 13	13 55	24 55	3 30	2 59
S 28	18 27	27 24	4 0	12 36	1 46	22 34	0 19	21 31	0 58	22 17	0 26	20 47	1 35	23 10	0 24	10 12	1 43	3 40	14 56	14 14	13 56	24 53	3 31	2 58
M29	18 12	25 12	2 58	12 25	2 4	22 30	0 17	21 22	0 58	22 17	0 26	20 47	1 35	23 10	0 24	10 12	1 43	3 40	14 55	14 14	13 57	24 52	3 31	2 58
T 30	17 56	21 12	1 43	12 18	2 21	22 25	0 14	21 13	0 58	22 17	0 26	20 47	1 35	23 10	0 24	10 12	1 43	3 40	14 55	14 15	13 58	24 50	3 32	2 58
W31	17s39	15s47	0s21	12s16	2n37	22s19	0n11	21s 3	0s59	22n17	0s25	20n47	1s34	23n11	0n24	10s12	1n43	3n41	14s55	14s15	13s59	24n48	3n33	2n58

Julian Day Number = 2495373.5, Delta T = 103.27 sec
Ecliptic obliquity = 23°25'32, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'01, Lahiri = 25°32'01

ASTRODIENST EPHEMERIS for the year 2120
geocentric

FEBRUARY 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 41 51	11♒18'06	2♓51	19°R21	16♉58	0♒58	16°R 5	13°R 1	13°R 9	0♏58	21°R25	21♒46	22♒32	19♋33	2♈ 8	T 1
F 2	8 45 48	12°19'03	17°25	18♒22	18°13	1°45	16♊ 3	12♊59	13♋ 7	0°R58	21♉25	21°46	22°28	19°40	2°11	F 2
S 3	8 49 45	13°20'00	1♈35	17°16	19°28	2°31	16° 2	12°58	13° 5	0°58	21°25	21°47	22°25	19°46	2°13	S 3
S 4	8 53 41	14°20'54	15°18	16° 6	20°42	3°18	16° 0	12°57	13° 2	0°58	21°25	21°48	22°22	19°53	2°16	S 4
M 5	8 57 38	15°21'48	28°33	14°52	21°57	4° 5	15°59	12°56	13° 0	0°58	21°D25	21°48	22°19	20° 0	2°18	M 5
T 6	9 1 34	16°22'40	11♉25	13°39	23°12	4°51	15°58	12°55	12°58	0°58	21°25	21°R49	22°16	20° 6	2°21	T 6
W 7	9 5 31	17°23'31	23°55	12°26	24°27	5°38	15°57	12°54	12°56	0°58	21°25	21°49	22°12	20°13	2°24	W 7
T 8	9 9 27	18°24'21	6♊ 9	11°17	25°41	6°25	15°57	12°54	12°54	0°58	21°25	21°48	22° 9	20°20	2°27	T 8
F 9	9 13 24	19°25'09	18°10	10°13	26°56	7°11	15°57	12°53	12°52	0°57	21°25	21°48	22° 6	20°26	2°29	F 9
S 10	9 17 20	20°25'55	0♋ 3	9°15	28°11	7°58	15°D57	12°53	12°50	0°57	21°25	21°48	22° 3	20°33	2°32	S 10
S 11	9 21 17	21°26'41	11°52	8°24	29°26	8°45	15°57	12°52	12°49	0°57	21°26	21°D48	22° 0	20°40	2°35	S 11
M12	9 25 14	22°27'25	23°41	7°41	0♒40	9°32	15°57	12°52	12°47	0°56	21°26	21°48	21°57	20°46	2°38	M12
T 13	9 29 10	23°28'07	5♌32	7° 6	1°55	10°19	15°57	12°D52	12°45	0°56	21°26	21°48	21°53	20°53	2°41	T 13
W14	9 33 7	24°28'48	17°27	6°39	3°10	11° 5	15°58	12°52	12°43	0°56	21°26	21°R48	21°50	21° 0	2°44	W14
T 15	9 37 3	25°29'27	29°29	6°21	4°24	11°52	15°59	12°52	12°42	0°55	21°26	21°48	21°47	21° 6	2°47	T 15
F 16	9 41 0	26°30'05	11♍41	6°10	5°39	12°39	16° 0	12°52	12°40	0°55	21°26	21°48	21°44	21°13	2°50	F 16
S 17	9 44 56	27°30'42	24° 2	6°D 6	6°54	13°26	16° 1	12°53	12°38	0°54	21°27	21°47	21°41	21°20	2°53	S 17
S 18	9 48 53	28°31'17	6♎35	6°10	8° 9	14°13	16° 3	12°53	12°37	0°54	21°27	21°46	21°37	21°26	2°56	S 18
M19	9 52 49	29°31'52	19°21	6°20	9°23	15° 0	16° 4	12°54	12°35	0°53	21°27	21°45	21°34	21°33	2°59	M19
T 20	9 56 46	0♓32'25	2♏22	6°37	10°38	15°47	16° 6	12°54	12°34	0°53	21°28	21°44	21°31	21°40	3° 2	T 20
W21	10 0 43	1°32'56	15°39	6°59	11°53	16°34	16° 8	12°55	12°32	0°52	21°28	21°43	21°28	21°46	3° 6	W21
T 22	10 4 39	2°33'27	29°13	7°27	13° 8	17°21	16°11	12°56	12°31	0°51	21°28	21°D43	21°25	21°53	3° 9	T 22
F 23	10 8 36	3°33'56	13♐ 6	8° 0	14°22	18° 8	16°13	12°57	12°29	0°51	21°29	21°43	21°22	22° 0	3°12	F 23
S 24	10 12 32	4°34'24	27°17	8°37	15°37	18°55	16°16	12°58	12°28	0°50	21°29	21°44	21°18	22° 6	3°15	S 24
S 25	10 16 29	5°34'51	11♑44	9°19	16°52	19°42	16°19	12°59	12°27	0°49	21°30	21°45	21°15	22°13	3°19	S 25
M26	10 20 25	6°35'17	26°24	10° 5	18° 7	20°29	16°22	13° 1	12°26	0°48	21°30	21°46	21°12	22°20	3°22	M26
T 27	10 24 22	7°35'40	11♒12	10°54	19°21	21°16	16°25	13° 2	12°24	0°48	21°30	21°47	21° 9	22°26	3°25	T 27
W28	10 28 18	8°36'03	26° 1	11°47	20°36	22° 3	16°28	13° 4	12°23	0°47	21°31	21°R47	21° 6	22°33	3°28	W28
T 29	10 32 15	9♓36'23	10♓45	12♒42	21♒51	22♒50	16♊32	13♊ 6	12♋22	0♏46	21♉31	21♒46	21♒ 3	22♋40	3♈32	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s23	9s30	1n 1	12s17	2n52	22s13	0n 8	20s54	0s59	22n17	0s25	20n47	1s34	23n11	0n24	10s12	1n43	3n41	14s55	14s15	14s 0	24n47	3n34	2n58
F 2	17 6	2 51	2 18	12 22	3 5	22 6	0 6	20 44	0 59	22 17	0 25	20 48	1 34	23 11	0 24	10 12	1 43	3 41	14 54	14 15	14 1	24 45	3 35	2 57
S 3	16 49	3n45	3 24	12 31	3 17	21 58	0 3	20 33	1 0	22 17	0 25	20 48	1 34	23 11	0 24	10 12	1 43	3 42	14 54	14 14	14 2	24 43	3 36	2 57
S 4	16 31	9 57	4 16	12 43	3 26	21 50	0 0	20 23	1 0	22 17	0 25	20 48	1 33	23 11	0 24	10 11	1 43	3 42	14 54	14 14	14 3	24 42	3 36	2 57
M 5	16 13	15 30	4 52	12 58	3 33	21 41	0s 3	20 12	1 0	22 17	0 24	20 48	1 33	23 12	0 24	10 11	1 43	3 42	14 53	14 14	14 4	24 40	3 37	2 57
T 6	15 55	20 12	5 12	13 15	3 37	21 31	0 5	20 1	1 1	22 17	0 24	20 48	1 33	23 12	0 24	10 11	1 43	3 43	14 53	14 14	14 5	24 38	3 38	2 57
W 7	15 37	23 52	5 17	13 33	3 39	21 21	0 8	19 50	1 1	22 17	0 24	20 48	1 33	23 12	0 24	10 11	1 43	3 43	14 53	14 14	14 6	24 36	3 39	2 57
T 8	15 18	26 22	5 8	13 52	3 39	21 10	0 11	19 39	1 1	22 17	0 24	20 48	1 32	23 12	0 24	10 11	1 43	3 43	14 52	14 14	14 7	24 35	3 40	2 56
F 9	14 59	27 38	4 45	14 12	3 36	20 59	0 13	19 27	1 2	22 18	0 24	20 48	1 32	23 12	0 24	10 11	1 44	3 44	14 52	14 14	14 8	24 33	3 41	2 56
S 10	14 40	27 35	4 10	14 32	3 31	20 46	0 16	19 16	1 2	22 18	0 23	20 49	1 32	23 13	0 24	10 11	1 44	3 44	14 52	14 14	14 9	24 31	3 42	2 56
S 11	14 21	26 17	3 24	14 51	3 25	20 34	0 18	19 4	1 2	22 18	0 23	20 49	1 32	23 13	0 24	10 11	1 44	3 44	14 51	14 14	14 10	24 29	3 43	2 56
M12	14 1	23 49	2 30	15 10	3 17	20 20	0 21	18 52	1 2	22 18	0 23	20 49	1 31	23 13	0 24	10 10	1 44	3 45	14 51	14 14	14 11	24 28	3 44	2 56
T 13	13 41	20 19	1 29	15 28	3 7	20 6	0 24	18 39	1 3	22 18	0 23	20 49	1 31	23 13	0 24	10 10	1 44	3 45	14 51	14 14	14 12	24 26	3 45	2 56
W14	13 21	15 59	0 24	15 44	2 57	19 52	0 26	18 27	1 3	22 19	0 23	20 50	1 31	23 13	0 24	10 10	1 44	3 45	14 50	14 14	14 13	24 24	3 46	2 55
T 15	13 1	10 59	0s43	16 0	2 46	19 37	0 29	18 14	1 3	22 19	0 22	20 50	1 31	23 13	0 24	10 10	1 44	3 46	14 50	14 14	14 14	24 22	3 47	2 55
F 16	12 40	5 31	1 48	16 14	2 34	19 21	0 31	18 1	1 3	22 19	0 22	20 50	1 30	23 14	0 24	10 10	1 44	3 46	14 50	14 14	14 15	24 20	3 48	2 55
S 17	12 20	0s14	2 50	16 26	2 22	19 5	0 33	17 48	1 4	22 20	0 22	20 50	1 30	23 14	0 24	10 9	1 44	3 47	14 49	14 14	14 16	24 19	3 49	2 55
S 18	11 59	6 2	3 44	16 37	2 10	18 48	0 36	17 34	1 4	22 20	0 22	20 51	1 30	23 14	0 24	10 9	1 44	3 47	14 49	14 15	14 17	24 17	3 50	2 55
M19	11 38	11 42	4 28	16 47	1 57	18 30	0 38	17 21	1 4	22 20	0 22	20 51	1 30	23 14	0 24	10 9	1 44	3 47	14 49	14 15	14 18	24 15	3 51	2 55
T 20	11 17	16 58	4 59	16 55	1 45	18 12	0 40	17 7	1 4	22 21	0 22	20 51	1 29	23 14	0 24	10 9	1 44	3 48	14 48	14 15	14 19	24 13	3 53	2 54
W21	10 55	21 32	5 15	17 2	1 32	17 54	0 43	16 53	1 5	22 21	0 21	20 52	1 29	23 14	0 24	10 8	1 44	3 48	14 48	14 15	14 20	24 11	3 54	2 54
T 22	10 33	25 5	5 14	17 7	1 20	17 35	0 45	16 39	1 5	22 21	0 21	20 52	1 29	23 14	0 24	10 8	1 44	3 49	14 48	14 16	14 21	24 9	3 55	2 54
F 23	10 12	27 14	4 55	17 10	1 8	17 15	0 47	16 25	1 5	22 22	0 21	20 52	1 29	23 14	0 24	10 8	1 44	3 49	14 47	14 15	14 22	24 8	3 56	2 54
S 24	9 50	27 42	4 18	17 12	0 56	16 56	0 49	16 11	1 5	22 22	0 21	20 53	1 28	23 15	0 24	10 8	1 44	3 49	14 47	14 15	14 23	24 6	3 57	2 54
S 25	9 28	26 18	3 24	17 12	0 44	16 35	0 51	15 56	1 5	22 23	0 21	20 53	1 28	23 15	0 24	10 7	1 44	3 50	14 47	14 15	14 24	24 4	3 58	2 54
M26	9 5	23 5	2 16	17 11	0 32	16 14	0 53	15 41	1 5	22 23	0 20	20 54	1 28	23 15	0 24	10 7	1 45	3 50	14 46	14 15	14 25	24 2	3 59	2 54
T 27	8 43	18 20	0 58	17 9	0 21	15 53	0 55	15 26	1 6	22 24	0 20	20 54	1 28	23 15	0 24	10 7	1 45	3 51	14 46	14 14	14 26	24 0	4 1	2 53
W28	8 20	12 28	0n23	17 5	0 10	15 31	0 57	15 11	1 6	22 24	0 20	20 54	1 27	23 15	0 24	10 6	1 45	3 51	14 46	14 14	14 28	23 58	4 2	2 53
T 29	7s58	5s57	1n43	16s59	0s 0	15s 9	0s59	14s56	1s 6	22n25	0s20	20n55	1s27	23n15	0n24	10s 6	1n45	3n51	14s45	14s15	14s29	23n56	4n 3	2n53

Julian Day Number = 2495404.5, Delta T = 103.31 sec
Ecliptic obliquity = 23°25'32, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'05, Lahiri = 25°32'06

ASTRODIENST EPHEMERIS for the year 2120
geocentric

MARCH 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 36 12	10♓36'42	25♓15	13♒41	23♒ 5	23♒37	16♊36	13♊ 7	12°R21	0°R45	21♉32	21°R45	20♒59	22♋46	3♈35	F 1
S 2	10 40 8	11°36'59	9♈26	14°42	24°20	24°24	16°40	13° 9	12♋20	0♏44	21°33	21♒42	20°56	22°53	3°39	S 2
S 3	10 44 5	12°37'15	23°14	15°46	25°35	25°11	16°44	13°11	12°19	0°43	21°33	21°39	20°53	23° 0	3°42	S 3
M 4	10 48 1	13°37'28	6♉37	16°52	26°50	25°58	16°48	13°13	12°18	0°42	21°34	21°36	20°50	23° 6	3°45	M 4
T 5	10 51 58	14°37'39	19°34	18° 0	28° 4	26°46	16°53	13°16	12°17	0°41	21°34	21°33	20°47	23°13	3°49	T 5
W 6	10 55 54	15°37'49	2♊10	19°10	29°19	27°33	16°57	13°18	12°17	0°40	21°35	21°31	20°43	23°20	3°52	W 6
T 7	10 59 51	16°37'56	14°26	20°23	0♓34	28°20	17° 2	13°20	12°16	0°39	21°36	21°D30	20°40	23°26	3°56	T 7
F 8	11 3 47	17°38'01	26°29	21°37	1°48	29° 7	17° 7	13°23	12°15	0°38	21°36	21°31	20°37	23°33	3°59	F 8
S 9	11 7 44	18°38'04	8♋22	22°53	3° 3	29°54	17°13	13°26	12°15	0°37	21°37	21°32	20°34	23°40	4° 3	S 9
S 10	11 11 41	19°38'05	20°10	24°10	4°18	0♓41	17°18	13°28	12°14	0°36	21°38	21°34	20°31	23°46	4° 6	S 10
M11	11 15 37	20°38'04	1♌59	25°29	5°32	1°28	17°23	13°31	12°14	0°35	21°38	21°36	20°28	23°53	4°10	M11
T 12	11 19 34	21°38'00	13°52	26°50	6°47	2°15	17°29	13°34	12°13	0°33	21°39	21°37	20°24	24° 0	4°13	T 12
W13	11 23 30	22°37'55	25°54	28°13	8° 1	3° 3	17°35	13°37	12°13	0°32	21°40	21°R37	20°21	24° 6	4°17	W13
T 14	11 27 27	23°37'47	8♍ 6	29°36	9°16	3°50	17°41	13°40	12°12	0°31	21°41	21°36	20°18	24°13	4°20	T 14
F 15	11 31 23	24°37'38	20°32	1♑ 1	10°31	4°37	17°47	13°44	12°12	0°30	21°41	21°33	20°15	24°20	4°24	F 15
S 16	11 35 20	25°37'26	3♎11	2°28	11°45	5°24	17°54	13°47	12°12	0°29	21°42	21°28	20°12	24°26	4°28	S 16
S 17	11 39 16	26°37'13	16° 5	3°56	13° 0	6°11	18° 0	13°50	12°12	0°27	21°43	21°23	20° 9	24°33	4°31	S 17
M18	11 43 13	27°36'57	29°13	5°25	14°14	6°58	18° 7	13°54	12°11	0°26	21°44	21°17	20° 5	24°40	4°35	M18
T 19	11 47 9	28°36'40	12♏35	6°56	15°29	7°45	18°14	13°58	12°11	0°25	21°45	21°11	20° 2	24°46	4°38	T 19
W20	11 51 6	29°36'21	26° 8	8°28	16°44	8°32	18°21	14° 1	12°D11	0°23	21°46	21° 5	19°59	24°53	4°42	W20
T 21	11 55 3	0♈36'01	9♐52	10° 1	17°58	9°19	18°28	14° 5	12°11	0°22	21°47	21° 2	19°56	24°59	4°45	T 21
F 22	11 58 59	1°35'39	23°46	11°35	19°13	10° 7	18°35	14° 9	12°11	0°21	21°47	21° 0	19°53	25° 6	4°49	F 22
S 23	12 2 56	2°35'15	7♑49	13°11	20°27	10°54	18°42	14°13	12°12	0°19	21°48	21°D 0	19°49	25°13	4°53	S 23
S 24	12 6 52	3°34'49	22° 0	14°48	21°42	11°41	18°50	14°17	12°12	0°18	21°49	21° 1	19°46	25°19	4°56	S 24
M25	12 10 49	4°34'22	6♒18	16°26	22°56	12°28	18°58	14°22	12°12	0°16	21°50	21° 2	19°43	25°26	5° 0	M25
T 26	12 14 45	5°33'53	20°40	18° 6	24°11	13°15	19° 5	14°26	12°12	0°15	21°51	21°R 3	19°40	25°33	5° 3	T 26
W27	12 18 42	6°33'22	5♓ 2	19°47	25°25	14° 2	19°13	14°30	12°13	0°13	21°52	21° 2	19°37	25°39	5° 7	W27
T 28	12 22 38	7°32'49	19°21	21°29	26°40	14°49	19°22	14°35	12°13	0°12	21°53	20°59	19°34	25°46	5°11	T 28
F 29	12 26 35	8°32'15	3♈32	23°13	27°54	15°36	19°30	14°39	12°13	0°10	21°54	20°54	19°30	25°53	5°14	F 29
S 30	12 30 32	9°31'38	17°29	24°58	29° 9	16°23	19°38	14°44	12°14	0° 9	21°55	20°47	19°27	25°59	5°18	S 30
S 31	12 34 28	10♈30'59	1♉ 9	26♓44	0♈23	17♓10	19♊47	14♊49	12♋14	0♏ 7	21♉56	20♒38	19♒24	26♋ 6	5♈21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s35	0n47	2n55	16s52	0s10	14s46	1s 1	14s41	1s 6	22n26	0s20	20n55	1s27	23n15	0n24	10s 6	1n45	3n52	14s45	14s15	14s30	23n54	4n 4	2n53
S 2	7 12	7 19	3 54	16 44	0 20	14 23	1 2	14 25	1 6	22 26	0 19	20 56	1 27	23 15	0 24	10 5	1 45	3 52	14 45	14 16	14 31	23 53	4 6	2 53
S 3	6 49	13 19	4 37	16 34	0 30	14 0	1 4	14 10	1 6	22 27	0 19	20 56	1 26	23 15	0 24	10 5	1 45	3 53	14 44	14 17	14 32	23 51	4 7	2 53
M 4	6 26	18 30	5 4	16 23	0 39	13 36	1 6	13 54	1 7	22 27	0 19	20 57	1 26	23 15	0 24	10 4	1 45	3 53	14 44	14 18	14 33	23 49	4 8	2 53
T 5	6 3	22 40	5 15	16 11	0 47	13 12	1 7	13 38	1 7	22 28	0 19	20 57	1 26	23 15	0 24	10 4	1 45	3 54	14 44	14 19	14 34	23 47	4 9	2 53
W 6	5 40	25 38	5 10	15 57	0 56	12 47	1 9	13 22	1 7	22 29	0 19	20 58	1 26	23 16	0 24	10 4	1 45	3 54	14 43	14 19	14 35	23 45	4 11	2 52
T 7	5 16	27 19	4 50	15 42	1 4	12 22	1 10	13 6	1 7	22 29	0 19	20 58	1 26	23 16	0 24	10 3	1 45	3 55	14 43	14 20	14 36	23 43	4 12	2 52
F 8	4 53	27 41	4 18	15 25	1 11	11 57	1 12	12 49	1 7	22 30	0 18	20 59	1 25	23 16	0 24	10 3	1 45	3 55	14 43	14 19	14 37	23 41	4 13	2 52
S 9	4 30	26 45	3 36	15 7	1 19	11 31	1 13	12 33	1 7	22 31	0 18	21 0	1 25	23 16	0 24	10 2	1 45	3 55	14 43	14 19	14 38	23 39	4 14	2 52
S 10	4 6	24 37	2 44	14 48	1 25	11 5	1 15	12 16	1 7	22 31	0 18	21 0	1 25	23 16	0 24	10 2	1 45	3 56	14 42	14 19	14 39	23 37	4 16	2 52
M11	3 43	21 25	1 46	14 28	1 32	10 39	1 16	12 0	1 7	22 32	0 18	21 1	1 25	23 16	0 24	10 1	1 45	3 56	14 42	14 18	14 40	23 35	4 17	2 52
T 12	3 19	17 20	0 42	14 6	1 38	10 13	1 17	11 43	1 7	22 33	0 18	21 1	1 24	23 16	0 24	10 1	1 45	3 57	14 42	14 18	14 41	23 33	4 18	2 52
W13	2 55	12 31	0s23	13 43	1 44	9 46	1 18	11 26	1 7	22 33	0 18	21 2	1 24	23 16	0 24	10 1	1 45	3 57	14 41	14 17	14 42	23 31	4 20	2 52
T 14	2 32	7 9	1 29	13 18	1 49	9 19	1 19	11 9	1 7	22 34	0 17	21 2	1 24	23 16	0 24	10 0	1 45	3 58	14 41	14 18	14 43	23 29	4 21	2 52
F 15	2 8	1 26	2 32	12 53	1 54	8 52	1 20	10 52	1 8	22 35	0 17	21 3	1 24	23 16	0 24	10 0	1 45	3 58	14 41	14 19	14 44	23 27	4 22	2 52
S 16	1 44	4s27	3 28	12 26	1 58	8 24	1 21	10 34	1 8	22 36	0 17	21 4	1 23	23 16	0 24	9 59	1 45	3 59	14 41	14 20	14 45	23 26	4 24	2 52
S 17	1 21	10 14	4 14	11 57	2 2	7 56	1 22	10 17	1 8	22 36	0 17	21 4	1 23	23 16	0 24	9 59	1 45	3 59	14 40	14 22	14 46	23 24	4 25	2 51
M18	0 57	15 41	4 48	11 28	2 6	7 28	1 23	10 0	1 8	22 37	0 17	21 5	1 23	23 16	0 24	9 58	1 45	4 0	14 40	14 24	14 47	23 22	4 26	2 51
T 19	0 33	20 28	5 7	10 57	2 9	7 0	1 24	9 42	1 8	22 38	0 17	21 6	1 23	23 16	0 24	9 58	1 45	4 0	14 40	14 26	14 48	23 20	4 28	2 51
W20	0 9	24 17	5 9	10 26	2 12	6 32	1 24	9 25	1 8	22 39	0 16	21 6	1 23	23 16	0 24	9 57	1 46	4 1	14 39	14 28	14 49	23 18	4 29	2 51
T 21	0n14	26 46	4 54	9 53	2 14	6 4	1 25	9 7	1 8	22 39	0 16	21 7	1 22	23 16	0 24	9 57	1 46	4 1	14 39	14 29	14 50	23 16	4 30	2 51
F 22	0 38	27 38	4 21	9 18	2 16	5 35	1 26	8 49	1 8	22 40	0 16	21 8	1 22	23 16	0 24	9 56	1 46	4 1	14 39	14 29	14 51	23 14	4 32	2 51
S 23	1 2	26 44	3 33	8 43	2 17	5 6	1 26	8 31	1 8	22 41	0 16	21 8	1 22	23 16	0 24	9 56	1 46	4 2	14 39	14 29	14 52	23 12	4 33	2 51
S 24	1 25	24 7	2 31	8 7	2 18	4 37	1 27	8 13	1 8	22 42	0 16	21 9	1 22	23 16	0 24	9 55	1 46	4 2	14 38	14 29	14 53	23 10	4 35	2 51
M25	1 49	19 58	1 19	7 29	2 19	4 8	1 27	7 55	1 8	22 42	0 16	21 10	1 21	23 16	0 24	9 55	1 46	4 3	14 38	14 29	14 54	23 7	4 36	2 51
T 26	2 13	14 38	0 2	6 50	2 19	3 39	1 27	7 37	1 8	22 43	0 15	21 10	1 21	23 16	0 24	9 54	1 46	4 3	14 38	14 28	14 55	23 5	4 37	2 51
W27	2 36	8 30	1n15	6 10	2 19	3 9	1 27	7 19	1 8	22 44	0 15	21 11	1 21	23 16	0 24	9 54	1 46	4 4	14 38	14 29	14 56	23 3	4 39	2 51
T 28	3 0	1 58	2 27	5 29	2 18	2 40	1 28	7 1	1 8	22 45	0 15	21 12	1 21	23 16	0 24	9 53	1 46	4 4	14 37	14 30	14 57	23 1	4 40	2 51
F 29	3 23	4n36	3 29	4 47	2 16	2 10	1 28	6 43	1 7	22 46	0 15	21 13	1 21	23 16	0 24	9 52	1 46	4 5	14 37	14 31	14 58	22 59	4 41	2 51
S 30	3 46	10 49	4 17	4 4	2 15	1 41	1 28	6 24	1 7	22 46	0 15	21 13	1 20	23 15	0 24	9 52	1 46	4 5	14 37	14 34	14 59	22 57	4 43	2 51
S 31	4n10	16n23	4n49	3s19	2s12	1s11	1s28	6s 6	1s 7	22n47	0s15	21n14	1s20	23n15	0n24	9s51	1n46	4n 6	14s37	14s36	15s 0	22n55	4n44	2n50

Julian Day Number = 2495433.5, Delta T = 103.36 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'09, Lahiri = 25°32'10

ASTRODIENST EPHEMERIS for the year 2120
geocentric

APRIL 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 38 25	11♈30'18	14♉28	28♓32	1♈38	17♓57	19♊55	14♊53	12♋15	0°R 6	21♉57	20°R29	19♒21	26♋13	5♈25	M 1
T 2	12 42 21	12°29'35	27°25	0♈21	2°52	18°44	20° 4	14°58	12°16	0♏ 4	21°58	20♒21	19°18	26°19	5°29	T 2
W 3	12 46 18	13°28'50	10♊ 2	2°11	4° 7	19°31	20°13	15° 3	12°16	0° 3	22° 0	20°14	19°14	26°26	5°32	W 3
T 4	12 50 14	14°28'02	22°21	4° 3	5°21	20°18	20°22	15° 8	12°17	0° 1	22° 1	20° 9	19°11	26°33	5°36	T 4
F 5	12 54 11	15°27'12	4♋24	5°56	6°35	21° 5	20°31	15°13	12°18	29♎59	22° 2	20° 7	19° 8	26°39	5°39	F 5
S 6	12 58 7	16°26'20	16°18	7°51	7°50	21°52	20°40	15°19	12°19	29°58	22° 3	20°D 6	19° 5	26°46	5°43	S 6
S 7	13 2 4	17°25'26	28° 7	9°46	9° 4	22°39	20°50	15°24	12°20	29°57	22° 4	20° 7	19° 2	26°53	5°46	S 7
M 8	13 6 1	18°24'29	9♌56	11°44	10°18	23°26	20°59	15°29	12°21	29°55	22° 5	20° 7	18°59	26°59	5°50	M 8
T 9	13 9 57	19°23'30	21°52	13°42	11°33	24°12	21° 9	15°35	12°22	29°53	22° 6	20°R 8	18°55	27° 6	5°53	T 9
W10	13 13 54	20°22'29	3♍58	15°42	12°47	24°59	21°18	15°40	12°23	29°52	22° 8	20° 7	18°52	27°13	5°57	W10
T 11	13 17 50	21°21'25	16°18	17°43	14° 1	25°46	21°28	15°46	12°24	29°50	22° 9	20° 4	18°49	27°19	6° 1	T 11
F 12	13 21 47	22°20'19	28°56	19°46	15°16	26°33	21°38	15°51	12°25	29°49	22°10	19°58	18°46	27°26	6° 4	F 12
S 13	13 25 43	23°19'11	11♎52	21°49	16°30	27°20	21°48	15°57	12°26	29°47	22°11	19°50	18°43	27°33	6° 7	S 13
S 14	13 29 40	24°18'01	25° 8	23°53	17°44	28° 6	21°58	16° 3	12°28	29°45	22°12	19°40	18°40	27°39	6°11	S 14
M15	13 33 36	25°16'50	8♏41	25°59	18°58	28°53	22° 8	16° 9	12°29	29°44	22°14	19°29	18°36	27°46	6°14	M15
T 16	13 37 33	26°15'36	22°29	28° 5	20°13	29°40	22°19	16°14	12°30	29°42	22°15	19°18	18°33	27°53	6°18	T 16
W17	13 41 30	27°14'20	6♐27	0♉11	21°27	0♈26	22°29	16°20	12°32	29°40	22°16	19° 9	18°30	27°59	6°21	W17
T 18	13 45 26	28°13'03	20°32	2°18	22°41	1°13	22°40	16°26	12°33	29°39	22°17	19° 2	18°27	28° 6	6°25	T 18
F 19	13 49 23	29°11'44	4♑40	4°25	23°55	2° 0	22°50	16°32	12°35	29°37	22°18	18°57	18°24	28°13	6°28	F 19
S 20	13 53 19	0♉10'24	18°49	6°31	25°10	2°46	23° 1	16°39	12°36	29°35	22°20	18°55	18°20	28°19	6°31	S 20
S 21	13 57 16	1° 9'02	2♒56	8°38	26°24	3°33	23°12	16°45	12°38	29°34	22°21	18°D54	18°17	28°26	6°35	S 21
M22	14 1 12	2° 7'38	17° 2	10°43	27°38	4°19	23°23	16°51	12°40	29°32	22°22	18°R55	18°14	28°32	6°38	M22
T 23	14 5 9	3° 6'12	1♓ 4	12°47	28°52	5° 6	23°34	16°57	12°41	29°30	22°24	18°54	18°11	28°39	6°41	T 23
W24	14 9 5	4° 4'45	15° 3	14°50	0♉ 6	5°52	23°45	17° 4	12°43	29°29	22°25	18°52	18° 8	28°46	6°45	W24
T 25	14 13 2	5° 3'16	28°55	16°51	1°20	6°39	23°56	17°10	12°45	29°27	22°26	18°47	18° 5	28°52	6°48	T 25
F 26	14 16 59	6° 1'45	12♈40	18°50	2°35	7°25	24° 7	17°17	12°47	29°26	22°27	18°39	18° 1	28°59	6°51	F 26
S 27	14 20 55	7° 0'13	26°14	20°46	3°49	8°12	24°18	17°23	12°49	29°24	22°29	18°29	17°58	29° 6	6°54	S 27
S 28	14 24 52	7°58'39	9♉35	22°40	5° 3	8°58	24°30	17°30	12°51	29°22	22°30	18°17	17°55	29°12	6°58	S 28
M29	14 28 48	8°57'03	22°40	24°31	6°17	9°44	24°41	17°37	12°53	29°21	22°31	18° 4	17°52	29°19	7° 1	M29
T 30	14 32 45	9♉55'25	5♊28	26♉19	7♉31	10♈31	24♊53	17♊43	12♋55	29♎19	22♉33	17♒52	17♒49	29♋26	7♈ 4	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	4n33	21n 1	5n 5	2s34	2s10	0s42	1s28	5s48	1s 7	22n48	0s15	21n15	1s20	23n15	0n24	9s51	1n46	4n 6	14s37	14s39	15s 1	22n53	4n46	2n50	M 1
T 2	4 56	24 31	5 4	1 48	2 6	0 12	1 27	5 29	1 7	22 49	0 14	21 15	1 20	23 15	0 24	9 50	1 46	4 7	14 36	14 42	15 2	22 51	4 47	2 50	T 2
W 3	5 19	26 42	4 49	1 0	2 2	0n18	1 27	5 11	1 7	22 50	0 14	21 16	1 20	23 15	0 24	9 50	1 46	4 7	14 36	14 44	15 3	22 49	4 48	2 50	W 3
T 4	5 42	27 32	4 20	0 12	1 58	0 48	1 27	4 52	1 7	22 50	0 14	21 17	1 19	23 15	0 24	9 49	1 46	4 8	14 36	14 45	15 4	22 47	4 50	2 50	T 4
F 5	6 5	27 1	3 40	0n37	1 53	1 17	1 27	4 34	1 7	22 51	0 14	21 18	1 19	23 15	0 24	9 49	1 46	4 8	14 36	14 46	15 5	22 45	4 51	2 50	F 5
S 6	6 28	25 16	2 51	1 27	1 48	1 47	1 26	4 15	1 7	22 52	0 14	21 18	1 19	23 15	0 24	9 48	1 46	4 8	14 35	14 46	15 6	22 43	4 52	2 50	S 6
S 7	6 50	22 25	1 55	2 18	1 42	2 17	1 26	3 56	1 7	22 53	0 14	21 19	1 19	23 15	0 24	9 47	1 46	4 9	14 35	14 46	15 7	22 41	4 54	2 50	S 7
M 8	7 13	18 37	0 54	3 10	1 36	2 46	1 25	3 38	1 7	22 54	0 14	21 20	1 19	23 15	0 24	9 47	1 46	4 9	14 35	14 46	15 8	22 39	4 55	2 50	M 8
T 9	7 35	14 4	0s 9	4 2	1 29	3 16	1 25	3 19	1 6	22 54	0 13	21 21	1 18	23 15	0 24	9 46	1 46	4 10	14 35	14 46	15 9	22 36	4 57	2 50	T 9
W10	7 57	8 55	1 13	4 55	1 22	3 45	1 24	3 0	1 6	22 55	0 13	21 22	1 18	23 15	0 24	9 46	1 46	4 10	14 35	14 46	15 10	22 34	4 58	2 50	W10
T 11	8 19	3 20	2 15	5 49	1 14	4 15	1 23	2 42	1 6	22 56	0 13	21 22	1 18	23 14	0 24	9 45	1 46	4 11	14 35	14 47	15 11	22 32	4 59	2 50	T 11
F 12	8 41	2s30	3 12	6 43	1 6	4 44	1 22	2 23	1 6	22 57	0 13	21 23	1 18	23 14	0 24	9 45	1 46	4 11	14 34	14 49	15 12	22 30	5 1	2 50	F 12
S 13	9 3	8 22	4 0	7 37	0 57	5 14	1 22	2 4	1 6	22 58	0 13	21 24	1 18	23 14	0 24	9 44	1 46	4 12	14 34	14 52	15 12	22 28	5 2	2 50	S 13
S 14	9 25	14 0	4 36	8 31	0 48	5 43	1 21	1 45	1 6	22 58	0 13	21 25	1 17	23 14	0 24	9 43	1 46	4 12	14 34	14 55	15 13	22 26	5 3	2 50	S 14
M15	9 46	19 5	4 57	9 26	0 38	6 12	1 20	1 27	1 5	22 59	0 13	21 25	1 17	23 14	0 24	9 43	1 46	4 13	14 34	14 58	15 14	22 24	5 5	2 50	M15
T 16	10 8	23 15	5 2	10 20	0 29	6 41	1 19	1 8	1 5	23 0	0 12	21 26	1 17	23 14	0 24	9 42	1 46	4 13	14 34	15 1	15 15	22 22	5 6	2 50	T 16
W17	10 29	26 7	4 49	11 15	0 18	7 10	1 18	0 49	1 5	23 0	0 12	21 27	1 17	23 14	0 24	9 42	1 46	4 13	14 34	15 4	15 16	22 19	5 7	2 50	W17
T 18	10 50	27 23	4 19	12 9	0 8	7 38	1 17	0 30	1 5	23 1	0 12	21 28	1 17	23 13	0 24	9 41	1 46	4 14	14 33	15 7	15 17	22 17	5 9	2 50	T 18
F 19	11 11	26 53	3 32	13 2	0n 3	8 7	1 15	0 12	1 5	23 2	0 12	21 29	1 17	23 13	0 24	9 41	1 46	4 14	14 33	15 8	15 18	22 15	5 10	2 50	F 19
S 20	11 32	24 38	2 33	13 54	0 14	8 35	1 14	0n 7	1 4	23 3	0 12	21 29	1 16	23 13	0 24	9 40	1 46	4 15	14 33	15 9	15 19	22 13	5 11	2 50	S 20
S 21	11 52	20 51	1 24	14 45	0 25	9 3	1 13	0 26	1 4	23 3	0 12	21 30	1 16	23 13	0 24	9 39	1 46	4 15	14 33	15 9	15 20	22 11	5 13	2 50	S 21
M22	12 12	15 53	0 10	15 36	0 35	9 31	1 11	0 44	1 4	23 4	0 12	21 31	1 16	23 13	0 24	9 39	1 46	4 16	14 33	15 9	15 21	22 9	5 14	2 50	M22
T 23	12 32	10 5	1n 4	16 24	0 46	9 58	1 10	1 3	1 4	23 5	0 12	21 32	1 16	23 13	0 23	9 38	1 46	4 16	14 33	15 9	15 22	22 6	5 15	2 50	T 23
W24	12 52	3 50	2 14	17 11	0 57	10 26	1 9	1 22	1 3	23 5	0 11	21 32	1 16	23 12	0 23	9 38	1 46	4 16	14 33	15 10	15 23	22 4	5 17	2 50	W24
T 25	13 12	2n33	3 15	17 56	1 7	10 53	1 7	1 40	1 3	23 6	0 11	21 33	1 16	23 12	0 23	9 37	1 46	4 17	14 32	15 11	15 24	22 2	5 18	2 50	T 25
F 26	13 31	8 45	4 4	18 39	1 18	11 20	1 6	1 59	1 3	23 7	0 11	21 34	1 15	23 12	0 23	9 36	1 46	4 17	14 32	15 14	15 25	22 0	5 19	2 50	F 26
S 27	13 51	14 27	4 39	19 20	1 27	11 47	1 4	2 17	1 3	23 7	0 11	21 35	1 15	23 12	0 23	9 36	1 46	4 18	14 32	15 17	15 26	21 58	5 21	2 50	S 27
S 28	14 10	19 22	4 57	19 59	1 37	12 13	1 2	2 36	1 2	23 8	0 11	21 36	1 15	23 12	0 23	9 35	1 46	4 18	14 32	15 20	15 27	21 55	5 22	2 50	S 28
M29	14 28	23 15	5 0	20 36	1 46	12 39	1 1	2 54	1 2	23 8	0 11	21 36	1 15	23 11	0 23	9 35	1 46	4 19	14 32	15 24	15 28	21 53	5 23	2 50	M29
T 30	14n47	25n54	4n47	21n10	1n54	13n 5	0s59	3n13	1s 2	23n 9	0s11	21n37	1s15	23n11	0n23	9s34	1n46	4n19	14s32	15s28	15s29	21n51	5n24	2n50	T 30

Julian Day Number = 2495464.5, Delta T = 103.40 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'14, Lahiri = 25°32'14

ASTRODIENST EPHEMERIS for the year 2120
geocentric

MAY 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 36 41	10♉53'46	17♊59	28♉ 3	8♉45	11♈17	25♊ 4	17♊50	12♋57	29°R17	22♉34	17°R41	17♒46	29♋32	7♈ 7	W 1
T 2	14 40 38	11°52'04	0♋14	29°44	9°59	12° 3	25°16	17°57	12°59	29♎16	22°35	17♒33	17°42	29°39	7°10	T 2
F 3	14 44 34	12°50'21	12°16	1♊21	11°13	12°49	25°28	18° 4	13° 1	29°14	22°37	17°27	17°39	29°46	7°13	F 3
S 4	14 48 31	13°48'35	24° 9	2°55	12°27	13°35	25°40	18°11	13° 3	29°13	22°38	17°24	17°36	29°52	7°16	S 4
S 5	14 52 28	14°46'48	5♌58	4°24	13°41	14°22	25°52	18°17	13° 6	29°11	22°39	17°23	17°33	29°59	7°19	S 5
M 6	14 56 24	15°44'58	17°47	5°49	14°55	15° 8	26° 4	18°24	13° 8	29°10	22°41	17°23	17°30	0♌ 6	7°22	M 6
T 7	15 0 21	16°43'07	29°43	7°11	16° 9	15°54	26°16	18°31	13°10	29° 8	22°42	17°23	17°26	0°12	7°25	T 7
W 8	15 4 17	17°41'13	11♍50	8°28	17°23	16°40	26°28	18°39	13°13	29° 6	22°43	17°22	17°23	0°19	7°28	W 8
T 9	15 8 14	18°39'18	24°14	9°40	18°37	17°26	26°40	18°46	13°15	29° 5	22°45	17°18	17°20	0°26	7°31	T 9
F 10	15 12 10	19°37'20	6♎58	10°49	19°51	18°11	26°52	18°53	13°17	29° 3	22°46	17°12	17°17	0°32	7°34	F 10
S 11	15 16 7	20°35'21	20° 6	11°52	21° 5	18°57	27° 5	19° 0	13°20	29° 2	22°48	17° 3	17°14	0°39	7°37	S 11
S 12	15 20 3	21°33'20	3♏37	12°52	22°19	19°43	27°17	19° 7	13°22	29° 0	22°49	16°53	17°11	0°46	7°40	S 12
M13	15 24 0	22°31'18	17°31	13°47	23°33	20°29	27°29	19°14	13°25	28°59	22°50	16°41	17° 7	0°52	7°42	M13
T 14	15 27 57	23°29'14	1♐43	14°37	24°47	21°15	27°42	19°22	13°28	28°57	22°52	16°29	17° 4	0°59	7°45	T 14
W15	15 31 53	24°27'08	16° 7	15°22	26° 1	22° 0	27°54	19°29	13°30	28°56	22°53	16°19	17° 1	1° 5	7°48	W15
T 16	15 35 50	25°25'01	0♑38	16° 3	27°15	22°46	28° 7	19°36	13°33	28°55	22°54	16°11	16°58	1°12	7°51	T 16
F 17	15 39 46	26°22'53	15° 8	16°39	28°29	23°31	28°19	19°44	13°36	28°53	22°56	16° 6	16°55	1°19	7°53	F 17
S 18	15 43 43	27°20'44	29°34	17°10	29°42	24°17	28°32	19°51	13°38	28°52	22°57	16° 3	16°52	1°25	7°56	S 18
S 19	15 47 39	28°18'33	13♒51	17°37	0♊56	25° 3	28°45	19°59	13°41	28°50	22°58	16°D 2	16°48	1°32	7°58	S 19
M20	15 51 36	29°16'22	27°57	17°58	2°10	25°48	28°58	20° 6	13°44	28°49	23° 0	16°R 2	16°45	1°39	8° 1	M20
T 21	15 55 32	0♊14'09	11♓52	18°14	3°24	26°33	29°10	20°13	13°47	28°48	23° 1	16° 2	16°42	1°45	8° 3	T 21
W22	15 59 29	1°11'55	25°37	18°26	4°38	27°19	29°23	20°21	13°50	28°46	23° 2	16° 0	16°39	1°52	8° 6	W22
T 23	16 3 26	2° 9'39	9♈10	18°33	5°52	28° 4	29°36	20°29	13°53	28°45	23° 4	15°56	16°36	1°59	8° 8	T 23
F 24	16 7 22	3° 7'23	22°32	18°R35	7° 5	28°49	29°49	20°36	13°55	28°44	23° 5	15°48	16°32	2° 5	8°11	F 24
S 25	16 11 19	4° 5'06	5♉42	18°32	8°19	29°35	0♋ 2	20°44	13°58	28°42	23° 6	15°39	16°29	2°12	8°13	S 25
S 26	16 15 15	5° 2'48	18°41	18°25	9°33	0♉20	0°15	20°51	14° 1	28°41	23° 8	15°27	16°26	2°19	8°15	S 26
M27	16 19 12	6° 0'28	1♊27	18°13	10°47	1° 5	0°28	20°59	14° 4	28°40	23° 9	15°15	16°23	2°25	8°18	M27
T 28	16 23 8	6°58'07	13°59	17°58	12° 1	1°50	0°41	21° 7	14° 7	28°39	23°10	15° 4	16°20	2°32	8°20	T 28
W29	16 27 5	7°55'45	26°18	17°38	13°14	2°35	0°55	21°14	14°11	28°38	23°12	14°54	16°17	2°39	8°22	W29
T 30	16 31 1	8°53'22	8♋26	17°16	14°28	3°20	1° 8	21°22	14°14	28°36	23°13	14°46	16°13	2°45	8°24	T 30
F 31	16 34 58	9♊50'58	20♋23	16♊50	15♊42	4♉ 5	1♋21	21♊30	14♋17	28♎35	23♉14	14♒41	16♒10	2♌52	8♈26	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n 5	27n12	4n20	21n41	2n 1	13n30	0s57	3n31	1s 2	23n 9	0s11	21n38	1s15	23n11	0n23	9s34	1n46	4n19	14s32	15s31	15s30	21n49	5n26	2n50
T 2	15 23	27 8	3 42	22 10	2 8	13 56	0 55	3 49	1 1	23 10	0 10	21 39	1 14	23 11	0 23	9 33	1 46	4 20	14 32	15 34	15 31	21 47	5 27	2 50
F 3	15 41	25 45	2 54	22 37	2 14	14 20	0 53	4 8	1 1	23 11	0 10	21 39	1 14	23 11	0 23	9 33	1 46	4 20	14 32	15 36	15 32	21 44	5 28	2 50
S 4	15 58	23 14	2 0	23 1	2 19	14 45	0 52	4 26	1 1	23 11	0 10	21 40	1 14	23 10	0 23	9 32	1 46	4 20	14 32	15 37	15 33	21 42	5 29	2 50
S 5	16 16	19 45	1 0	23 22	2 24	15 9	0 50	4 44	1 0	23 12	0 10	21 41	1 14	23 10	0 23	9 31	1 46	4 21	14 32	15 37	15 34	21 40	5 31	2 50
M 6	16 33	15 28	0s 2	23 41	2 28	15 33	0 48	5 2	1 0	23 12	0 10	21 42	1 14	23 10	0 23	9 31	1 46	4 21	14 32	15 37	15 35	21 38	5 32	2 50
T 7	16 49	10 33	1 5	23 58	2 30	15 56	0 46	5 20	1 0	23 13	0 10	21 42	1 14	23 10	0 23	9 30	1 46	4 22	14 31	15 37	15 36	21 35	5 33	2 50
W 8	17 6	5 11	2 6	24 12	2 32	16 19	0 44	5 38	0 59	23 13	0 10	21 43	1 14	23 9	0 23	9 30	1 46	4 22	14 31	15 37	15 37	21 33	5 34	2 50
T 9	17 22	0s30	3 2	24 24	2 33	16 41	0 42	5 56	0 59	23 13	0 10	21 44	1 13	23 9	0 23	9 29	1 46	4 22	14 31	15 38	15 38	21 31	5 35	2 50
F 10	17 38	6 18	3 50	24 34	2 33	17 4	0 39	6 14	0 59	23 14	0 9	21 45	1 13	23 9	0 23	9 29	1 46	4 23	14 31	15 40	15 39	21 29	5 36	2 50
S 11	17 53	12 0	4 28	24 42	2 32	17 25	0 37	6 31	0 58	23 14	0 9	21 45	1 13	23 9	0 23	9 28	1 46	4 23	14 31	15 43	15 40	21 26	5 38	2 50
S 12	18 9	17 18	4 53	24 48	2 30	17 46	0 35	6 49	0 58	23 15	0 9	21 46	1 13	23 8	0 23	9 28	1 46	4 23	14 31	15 46	15 41	21 24	5 39	2 50
M13	18 23	21 51	5 1	24 52	2 27	18 7	0 33	7 7	0 57	23 15	0 9	21 47	1 13	23 8	0 23	9 27	1 46	4 24	14 31	15 50	15 42	21 22	5 40	2 50
T 14	18 38	25 14	4 50	24 54	2 22	18 27	0 31	7 24	0 57	23 15	0 9	21 47	1 13	23 8	0 23	9 27	1 46	4 24	14 31	15 53	15 43	21 19	5 41	2 50
W15	18 52	27 2	4 21	24 54	2 17	18 47	0 28	7 41	0 57	23 16	0 9	21 48	1 13	23 8	0 23	9 26	1 46	4 24	14 31	15 56	15 44	21 17	5 42	2 50
T 16	19 6	27 1	3 36	24 52	2 11	19 6	0 26	7 59	0 56	23 16	0 9	21 49	1 13	23 7	0 23	9 26	1 46	4 25	14 31	15 59	15 45	21 15	5 43	2 51
F 17	19 20	25 9	2 36	24 49	2 4	19 25	0 24	8 16	0 56	23 16	0 9	21 49	1 12	23 7	0 23	9 25	1 46	4 25	14 31	16 0	15 45	21 12	5 44	2 51
S 18	19 33	21 38	1 26	24 44	1 56	19 43	0 22	8 33	0 55	23 16	0 9	21 50	1 12	23 7	0 23	9 25	1 46	4 25	14 31	16 1	15 46	21 10	5 45	2 51
S 19	19 46	16 51	0 12	24 37	1 47	20 1	0 19	8 50	0 55	23 17	0 8	21 51	1 12	23 6	0 23	9 24	1 46	4 26	14 31	16 1	15 47	21 8	5 46	2 51
M20	19 59	11 12	1n 3	24 29	1 36	20 18	0 17	9 7	0 54	23 17	0 8	21 51	1 12	23 6	0 23	9 24	1 46	4 26	14 31	16 1	15 48	21 6	5 48	2 51
T 21	20 11	5 4	2 12	24 19	1 25	20 35	0 15	9 24	0 54	23 17	0 8	21 52	1 12	23 6	0 23	9 24	1 46	4 26	14 31	16 1	15 49	21 3	5 49	2 51
W22	20 23	1n13	3 13	24 8	1 13	20 51	0 12	9 41	0 54	23 17	0 8	21 53	1 12	23 6	0 23	9 23	1 46	4 27	14 31	16 2	15 50	21 1	5 50	2 51
T 23	20 35	7 21	4 3	23 55	1 0	21 7	0 10	9 57	0 53	23 17	0 8	21 53	1 12	23 5	0 23	9 23	1 46	4 27	14 31	16 3	15 51	20 59	5 51	2 51
F 24	20 46	13 3	4 38	23 42	0 46	21 21	0 8	10 14	0 53	23 18	0 8	21 54	1 12	23 5	0 23	9 22	1 46	4 27	14 31	16 5	15 52	20 56	5 52	2 51
S 25	20 57	18 5	4 57	23 27	0 31	21 36	0 5	10 30	0 52	23 18	0 8	21 55	1 12	23 5	0 23	9 22	1 46	4 28	14 31	16 8	15 53	20 54	5 53	2 51
S 26	21 8	22 12	5 1	23 11	0 15	21 49	0 3	10 46	0 52	23 18	0 8	21 55	1 11	23 4	0 23	9 21	1 46	4 28	14 31	16 12	15 54	20 52	5 54	2 51
M27	21 18	25 10	4 50	22 53	0s 1	22 3	0 0	11 3	0 51	23 18	0 8	21 56	1 11	23 4	0 23	9 21	1 46	4 28	14 31	16 15	15 55	20 49	5 55	2 51
T 28	21 28	26 51	4 25	22 35	0 17	22 15	0n 2	11 19	0 51	23 18	0 8	21 57	1 11	23 4	0 23	9 21	1 46	4 28	14 31	16 18	15 56	20 47	5 55	2 51
W29	21 37	27 10	3 48	22 17	0 35	22 27	0 4	11 35	0 50	23 18	0 7	21 57	1 11	23 3	0 23	9 20	1 45	4 29	14 31	16 21	15 57	20 45	5 56	2 51
T 30	21 46	26 9	3 0	21 57	0 52	22 38	0 7	11 50	0 50	23 18	0 7	21 58	1 11	23 3	0 23	9 20	1 45	4 29	14 31	16 24	15 58	20 42	5 57	2 51
F 31	21n55	23n57	2n 6	21n37	1s 9	22n49	0n 9	12n 6	0s49	23n18	0s 7	21n58	1s11	23n 3	0n23	9s19	1n45	4n29	14s31	16s25	15s59	20n40	5n58	2n51

Julian Day Number = 2495494.5, Delta T = 103.45 sec
Ecliptic obliquity = 23°25'32, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'18, Lahiri = 25°32'18

ASTRODIENST EPHEMERIS for the year 2120
geocentric

JUNE 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 55	10♊48'32	2♌14	16°R21	16♊56	4♉50	1♋34	21♊37	14♋20	28°R34	23♉16	14°R38	16♒ 7	2♌59	8♈28	S 1
S 2	16 42 51	11°46'05	14° 1	15♊51	18°10	5°35	1°47	21°45	14°23	28♎33	23°17	14°D37	16° 4	3° 5	8°30	S 2
M 3	16 46 48	12°43'37	25°49	15°19	19°23	6°19	2° 1	21°53	14°26	28°32	23°18	14♒37	16° 1	3°12	8°32	M 3
T 4	16 50 44	13°41'07	7♍44	14°45	20°37	7° 4	2°14	22° 1	14°29	28°31	23°20	14°38	15°58	3°18	8°34	T 4
W 5	16 54 41	14°38'36	19°51	14°12	21°51	7°49	2°27	22° 8	14°33	28°30	23°21	14°R38	15°54	3°25	8°36	W 5
T 6	16 58 37	15°36'03	2♎14	13°38	23° 4	8°33	2°41	22°16	14°36	28°29	23°22	14°37	15°51	3°32	8°38	T 6
F 7	17 2 34	16°33'30	14°59	13° 6	24°18	9°18	2°54	22°24	14°39	28°28	23°23	14°33	15°48	3°38	8°40	F 7
S 8	17 6 30	17°30'55	28°10	12°34	25°32	10° 2	3° 8	22°32	14°43	28°27	23°25	14°28	15°45	3°45	8°41	S 8
S 9	17 10 27	18°28'19	11♏47	12° 5	26°45	10°47	3°21	22°39	14°46	28°26	23°26	14°20	15°42	3°52	8°43	S 9
M10	17 14 24	19°25'43	25°51	11°37	27°59	11°31	3°35	22°47	14°49	28°25	23°27	14°12	15°38	3°58	8°45	M10
T 11	17 18 20	20°23'05	10♐17	11°13	29°13	12°15	3°48	22°55	14°53	28°24	23°28	14° 4	15°35	4° 5	8°46	T 11
W12	17 22 17	21°20'26	25° 1	10°51	0♋26	13° 0	4° 2	23° 3	14°56	28°23	23°30	13°56	15°32	4°12	8°48	W12
T 13	17 26 13	22°17'47	9♑54	10°33	1°40	13°44	4°15	23°11	14°59	28°23	23°31	13°50	15°29	4°18	8°49	T 13
F 14	17 30 10	23°15'07	24°48	10°19	2°54	14°28	4°29	23°18	15° 3	28°22	23°32	13°47	15°26	4°25	8°51	F 14
S 15	17 34 6	24°12'27	9♒35	10° 9	4° 7	15°12	4°42	23°26	15° 6	28°21	23°33	13°D45	15°23	4°32	8°52	S 15
S 16	17 38 3	25° 9'46	24° 9	10° 3	5°21	15°56	4°56	23°34	15°10	28°20	23°34	13°46	15°19	4°38	8°54	S 16
M17	17 42 0	26° 7'04	8♓27	10°D 2	6°35	16°40	5°10	23°42	15°13	28°20	23°36	13°47	15°16	4°45	8°55	M17
T 18	17 45 56	27° 4'23	22°27	10° 5	7°48	17°24	5°23	23°50	15°17	28°19	23°37	13°R48	15°13	4°52	8°56	T 18
W19	17 49 53	28° 1'40	6♈ 8	10°12	9° 2	18° 8	5°37	23°57	15°20	28°18	23°38	13°47	15°10	4°58	8°58	W19
T 20	17 53 49	28°58'58	19°32	10°25	10°15	18°52	5°50	24° 5	15°24	28°18	23°39	13°46	15° 7	5° 5	8°59	T 20
F 21	17 57 46	29°56'15	2♉39	10°42	11°29	19°35	6° 4	24°13	15°27	28°17	23°40	13°42	15° 4	5°11	9° 0	F 21
S 22	18 1 42	0♋53'33	15°32	11° 3	12°43	20°19	6°18	24°21	15°31	28°16	23°41	13°36	15° 0	5°18	9° 1	S 22
S 23	18 5 39	1°50'50	28°12	11°29	13°56	21° 3	6°31	24°29	15°34	28°16	23°42	13°29	14°57	5°25	9° 2	S 23
M24	18 9 35	2°48'06	10♊39	12° 0	15°10	21°46	6°45	24°36	15°38	28°15	23°43	13°22	14°54	5°31	9° 3	M24
T 25	18 13 32	3°45'23	22°56	12°35	16°23	22°30	6°59	24°44	15°41	28°15	23°45	13°15	14°51	5°38	9° 4	T 25
W26	18 17 29	4°42'39	5♋ 2	13°15	17°37	23°13	7°12	24°52	15°45	28°14	23°46	13° 9	14°48	5°45	9° 5	W26
T 27	18 21 25	5°39'55	17° 1	13°59	18°51	23°56	7°26	25° 0	15°49	28°14	23°47	13° 5	14°44	5°51	9° 5	T 27
F 28	18 25 22	6°37'10	28°52	14°47	20° 4	24°40	7°40	25° 7	15°52	28°14	23°48	13° 2	14°41	5°58	9° 6	F 28
S 29	18 29 18	7°34'25	10♌40	15°39	21°18	25°23	7°53	25°15	15°56	28°13	23°49	13°D 1	14°38	6° 5	9° 7	S 29
S 30	18 33 15	8♋31'39	22♌26	16♊36	22♋31	26♉ 6	8♋ 7	25♊23	15♋59	28♎13	23♉50	13♒ 1	14♒35	6♌11	9♈ 8	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 3	20n43	1n 6	21n17	1s27	22n59	0n12	12n22	0s49	23n18	0s 7	21n59	1s11	23n 2	0n23	9s19	1n45	4n29	14s31	16s26	16s 0	20n37	5n59	2n51
S 2	22 11	16 40	0 3	20 57	1 44	23 8	0 14	12 37	0 48	23 18	0 7	22 0	1 11	23 2	0 23	9 19	1 45	4 30	14 32	16 26	16 1	20 35	6 0	2 52
M 3	22 19	11 58	1s 0	20 36	2 1	23 16	0 16	12 52	0 48	23 18	0 7	22 0	1 11	23 2	0 23	9 18	1 45	4 30	14 32	16 26	16 2	20 33	6 1	2 52
T 4	22 26	6 48	2 1	20 16	2 18	23 24	0 19	13 7	0 47	23 18	0 7	22 1	1 11	23 1	0 23	9 18	1 45	4 30	14 32	16 26	16 3	20 30	6 2	2 52
W 5	22 33	1 18	2 57	19 57	2 34	23 32	0 21	13 22	0 47	23 17	0 7	22 1	1 10	23 1	0 23	9 18	1 45	4 30	14 32	16 26	16 4	20 28	6 2	2 52
T 6	22 39	4s21	3 47	19 38	2 49	23 38	0 23	13 37	0 46	23 17	0 7	22 2	1 10	23 1	0 23	9 17	1 45	4 30	14 32	16 26	16 5	20 25	6 3	2 52
F 7	22 45	10 0	4 27	19 20	3 3	23 44	0 26	13 52	0 45	23 17	0 6	22 2	1 10	23 0	0 23	9 17	1 45	4 31	14 32	16 27	16 5	20 23	6 4	2 52
S 8	22 50	15 23	4 54	19 3	3 16	23 49	0 28	14 6	0 45	23 17	0 6	22 3	1 10	23 0	0 23	9 17	1 45	4 31	14 32	16 29	16 6	20 21	6 5	2 52
S 9	22 56	20 12	5 6	18 47	3 29	23 54	0 30	14 21	0 44	23 17	0 6	22 3	1 10	23 0	0 23	9 16	1 45	4 31	14 32	16 31	16 7	20 18	6 5	2 52
M10	23 0	24 3	5 0	18 32	3 39	23 57	0 33	14 35	0 44	23 16	0 6	22 4	1 10	22 59	0 23	9 16	1 45	4 31	14 32	16 34	16 8	20 16	6 6	2 52
T 11	23 5	26 31	4 35	18 20	3 49	24 0	0 35	14 49	0 43	23 16	0 6	22 4	1 10	22 59	0 23	9 16	1 45	4 31	14 32	16 36	16 9	20 13	6 7	2 52
W12	23 9	27 11	3 51	18 8	3 57	24 3	0 37	15 3	0 43	23 16	0 6	22 5	1 10	22 58	0 23	9 16	1 45	4 32	14 32	16 38	16 10	20 11	6 8	2 52
T 13	23 12	25 55	2 52	17 59	4 4	24 4	0 39	15 17	0 42	23 16	0 6	22 5	1 10	22 58	0 23	9 15	1 45	4 32	14 33	16 40	16 11	20 9	6 8	2 52
F 14	23 15	22 48	1 40	17 51	4 10	24 5	0 42	15 31	0 41	23 15	0 6	22 6	1 10	22 58	0 23	9 15	1 45	4 32	14 33	16 41	16 12	20 6	6 9	2 52
S 15	23 18	18 12	0 23	17 46	4 14	24 5	0 44	15 44	0 41	23 15	0 6	22 6	1 10	22 57	0 23	9 15	1 45	4 32	14 33	16 41	16 13	20 4	6 10	2 53
S 16	23 20	12 35	0n56	17 42	4 18	24 5	0 46	15 57	0 40	23 14	0 6	22 7	1 10	22 57	0 23	9 15	1 45	4 32	14 33	16 41	16 14	20 1	6 10	2 53
M17	23 22	6 24	2 9	17 40	4 19	24 4	0 48	16 11	0 40	23 14	0 5	22 7	1 9	22 56	0 23	9 15	1 45	4 32	14 33	16 41	16 15	19 59	6 11	2 53
T 18	23 24	0 2	3 14	17 40	4 20	24 2	0 50	16 24	0 39	23 14	0 5	22 8	1 9	22 56	0 23	9 14	1 45	4 33	14 33	16 41	16 16	19 56	6 11	2 53
W19	23 25	6n11	4 5	17 41	4 19	23 59	0 52	16 36	0 38	23 13	0 5	22 8	1 9	22 56	0 23	9 14	1 45	4 33	14 33	16 41	16 17	19 54	6 12	2 53
T 20	23 25	11 59	4 42	17 45	4 18	23 56	0 54	16 49	0 38	23 13	0 5	22 8	1 9	22 55	0 23	9 14	1 45	4 33	14 33	16 41	16 18	19 51	6 12	2 53
F 21	23 26	17 8	5 3	17 50	4 15	23 52	0 56	17 1	0 37	23 12	0 5	22 9	1 9	22 55	0 23	9 14	1 44	4 33	14 34	16 42	16 19	19 49	6 13	2 53
S 22	23 25	21 24	5 9	17 57	4 11	23 47	0 58	17 14	0 36	23 12	0 5	22 9	1 9	22 54	0 23	9 14	1 44	4 33	14 34	16 44	16 19	19 47	6 13	2 53
S 23	23 25	24 36	4 59	18 5	4 6	23 41	1 0	17 26	0 36	23 11	0 5	22 10	1 9	22 54	0 23	9 14	1 44	4 33	14 34	16 46	16 20	19 44	6 14	2 53
M24	23 24	26 34	4 35	18 15	4 0	23 35	1 2	17 38	0 35	23 10	0 5	22 10	1 9	22 54	0 23	9 13	1 44	4 33	14 34	16 48	16 21	19 42	6 14	2 53
T 25	23 22	27 13	3 59	18 26	3 54	23 28	1 4	17 50	0 35	23 10	0 5	22 10	1 9	22 53	0 23	9 13	1 44	4 33	14 34	16 50	16 22	19 39	6 15	2 53
W26	23 20	26 32	3 12	18 38	3 47	23 21	1 5	18 1	0 34	23 9	0 5	22 11	1 9	22 53	0 23	9 13	1 44	4 33	14 34	16 52	16 23	19 37	6 15	2 54
T 27	23 18	24 36	2 17	18 51	3 39	23 13	1 7	18 13	0 33	23 9	0 5	22 11	1 9	22 52	0 23	9 13	1 44	4 33	14 35	16 53	16 24	19 34	6 16	2 54
F 28	23 16	21 37	1 16	19 5	3 30	23 4	1 9	18 24	0 33	23 8	0 4	22 11	1 9	22 52	0 23	9 13	1 44	4 34	14 35	16 54	16 25	19 32	6 16	2 54
S 29	23 13	17 45	0 13	19 20	3 21	22 54	1 10	18 35	0 32	23 7	0 4	22 12	1 9	22 52	0 23	9 13	1 44	4 34	14 35	16 54	16 26	19 29	6 16	2 54
S 30	23n 9	13n13	0s51	19n35	3s11	22n44	1n12	18n46	0s31	23n 6	0s 4	22n12	1s 9	22n51	0n23	9s13	1n44	4n34	14s35	16s54	16s27	19n27	6n17	2n54

Julian Day Number = 2495525.5, Delta T = 103.49 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'22, Lahiri = 25°32'22

ASTRODIENST EPHEMERIS for the year 2120
geocentric

JULY 2120

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 37 11	9♋28'53	4♍15	17♊36	23♋45	26♉49	8♋21	25♊30	16♋ 3	28°R13	23♉51	13♒ 3	14♒32	6♌18	9♈ 8	M 1
T 2	18 41 8	10°26'07	16°10	18°41	24°58	27°32	8°34	25°38	16° 7	28♎12	23°52	13° 4	14°29	6°25	9° 9	T 2
W 3	18 45 4	11°23'20	28°17	19°50	26°12	28°15	8°48	25°46	16°10	28°12	23°53	13° 6	14°25	6°31	9° 9	W 3
T 4	18 49 1	12°20'33	10♎39	21° 3	27°25	28°58	9° 2	25°53	16°14	28°12	23°54	13°R 6	14°22	6°38	9°10	T 4
F 5	18 52 58	13°17'46	23°22	22°19	28°39	29°41	9°15	26° 1	16°18	28°12	23°55	13° 6	14°19	6°45	9°10	F 5
S 6	18 56 54	14°14'58	6♏29	23°40	29°52	0♊23	9°29	26° 8	16°21	28°12	23°56	13° 4	14°16	6°51	9°10	S 6
S 7	19 0 51	15°12'10	20° 3	25° 4	1♌ 6	1° 6	9°43	26°16	16°25	28°12	23°57	13° 2	14°13	6°58	9°11	S 7
M 8	19 4 47	16° 9'22	4♐ 5	26°32	2°19	1°49	9°56	26°23	16°28	28°12	23°57	12°58	14°10	7° 4	9°11	M 8
T 9	19 8 44	17° 6'33	18°34	28° 4	3°33	2°31	10°10	26°31	16°32	28°D12	23°58	12°54	14° 6	7°11	9°11	T 9
W10	19 12 40	18° 3'45	3♑24	29°39	4°46	3°14	10°23	26°38	16°36	28°12	23°59	12°51	14° 3	7°18	9°11	W10
T 11	19 16 37	19° 0'57	18°28	1♋18	6° 0	3°56	10°37	26°46	16°39	28°12	24° 0	12°49	14° 0	7°24	9°11	T 11
F 12	19 20 33	19°58'08	3♒37	3° 0	7°13	4°38	10°51	26°53	16°43	28°12	24° 1	12°48	13°57	7°31	9°R11	F 12
S 13	19 24 30	20°55'20	18°42	4°46	8°26	5°21	11° 4	27° 1	16°47	28°12	24° 2	12°D48	13°54	7°38	9°11	S 13
S 14	19 28 27	21°52'32	3♓34	6°35	9°40	6° 3	11°18	27° 8	16°50	28°12	24° 3	12°48	13°50	7°44	9°11	S 14
M15	19 32 23	22°49'45	18° 8	8°26	10°53	6°45	11°31	27°15	16°54	28°12	24° 3	12°50	13°47	7°51	9°11	M15
T 16	19 36 20	23°46'58	2♈20	10°21	12° 7	7°27	11°45	27°23	16°58	28°12	24° 4	12°51	13°44	7°58	9°11	T 16
W17	19 40 16	24°44'12	16° 7	12°18	13°20	8° 9	11°58	27°30	17° 1	28°12	24° 5	12°52	13°41	8° 4	9°11	W17
T 18	19 44 13	25°41'26	29°31	14°18	14°33	8°51	12°12	27°37	17° 5	28°13	24° 6	12°R52	13°38	8°11	9°10	T 18
F 19	19 48 9	26°38'41	12♉34	16°20	15°47	9°33	12°25	27°44	17° 8	28°13	24° 6	12°51	13°35	8°18	9°10	F 19
S 20	19 52 6	27°35'57	25°17	18°23	17° 0	10°14	12°39	27°51	17°12	28°13	24° 7	12°50	13°31	8°24	9°10	S 20
S 21	19 56 2	28°33'13	7♊45	20°28	18°13	10°56	12°52	27°59	17°16	28°14	24° 8	12°48	13°28	8°31	9° 9	S 21
M22	19 59 59	29°30'30	19°59	22°34	19°27	11°38	13° 5	28° 6	17°19	28°14	24° 8	12°46	13°25	8°38	9° 9	M22
T 23	20 3 56	0♌27'48	2♋ 4	24°41	20°40	12°19	13°19	28°13	17°23	28°14	24° 9	12°44	13°22	8°44	9° 8	T 23
W24	20 7 52	1°25'06	14° 0	26°48	21°53	13° 1	13°32	28°20	17°26	28°15	24°10	12°43	13°19	8°51	9° 8	W24
T 25	20 11 49	2°22'25	25°51	28°56	23° 7	13°42	13°45	28°27	17°30	28°15	24°10	12°42	13°16	8°57	9° 7	T 25
F 26	20 15 45	3°19'45	7♌38	1♌ 4	24°20	14°23	13°58	28°34	17°33	28°16	24°11	12°D41	13°12	9° 4	9° 6	F 26
S 27	20 19 42	4°17'05	19°25	3°11	25°33	15° 4	14°12	28°40	17°37	28°16	24°11	12°41	13° 9	9°11	9° 5	S 27
S 28	20 23 38	5°14'26	1♍14	5°18	26°47	15°46	14°25	28°47	17°40	28°17	24°12	12°42	13° 6	9°17	9° 5	S 28
M29	20 27 35	6°11'47	13° 6	7°24	28° 0	16°27	14°38	28°54	17°44	28°18	24°13	12°42	13° 3	9°24	9° 4	M29
T 30	20 31 32	7° 9'08	25° 6	9°29	29°13	17° 8	14°51	29° 1	17°47	28°18	24°13	12°43	13° 0	9°31	9° 3	T 30
W31	20 35 28	8♌ 6'31	7♎16	11♌33	0♍26	17♊48	15♋ 4	29♊ 7	17♋51	28♎19	24♉14	12♒44	12♒56	9♌37	9♈ 2	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 5	8n11	1s54	19n51	3s 0	22n33	1n14	18n56	0s30	23n 6	0s 4	22n12	1s 9	22n51	0n23	9s13	1n44	4n34	14s35	16s53	16s28	19n24	6n17	2n54
T 2	23 1	2 49	2 52	20 8	2 49	22 21	1 15	19 7	0 30	23 5	0 4	22 13	1 9	22 50	0 23	9 13	1 44	4 34	14 35	16 53	16 29	19 22	6 17	2 54
W 3	22 56	2s44	3 43	20 25	2 38	22 9	1 16	19 17	0 29	23 4	0 4	22 13	1 9	22 50	0 23	9 13	1 44	4 34	14 36	16 53	16 30	19 19	6 18	2 54
T 4	22 51	8 17	4 25	20 41	2 26	21 56	1 18	19 27	0 28	23 3	0 4	22 13	1 8	22 49	0 23	9 13	1 44	4 34	14 36	16 52	16 31	19 17	6 18	2 54
F 5	22 46	13 39	4 56	20 58	2 14	21 43	1 19	19 37	0 28	23 2	0 4	22 14	1 8	22 49	0 23	9 13	1 44	4 34	14 36	16 52	16 32	19 14	6 18	2 54
S 6	22 40	18 34	5 12	21 15	2 2	21 29	1 20	19 47	0 27	23 2	0 4	22 14	1 8	22 49	0 23	9 13	1 44	4 34	14 36	16 53	16 32	19 12	6 18	2 54
S 7	22 34	22 44	5 12	21 31	1 49	21 14	1 22	19 56	0 26	23 1	0 4	22 14	1 8	22 48	0 23	9 13	1 44	4 34	14 36	16 54	16 33	19 9	6 19	2 55
M 8	22 27	25 45	4 53	21 46	1 37	20 59	1 23	20 6	0 26	23 0	0 3	22 14	1 8	22 48	0 23	9 13	1 44	4 34	14 37	16 55	16 34	19 7	6 19	2 55
T 9	22 20	27 11	4 16	22 1	1 24	20 43	1 24	20 15	0 25	22 59	0 3	22 14	1 8	22 47	0 23	9 13	1 44	4 34	14 37	16 56	16 35	19 4	6 19	2 55
W10	22 12	26 43	3 20	22 14	1 11	20 26	1 25	20 24	0 24	22 58	0 3	22 15	1 8	22 47	0 23	9 13	1 44	4 34	14 37	16 57	16 36	19 1	6 19	2 55
T 11	22 5	24 18	2 10	22 27	0 58	20 9	1 26	20 32	0 23	22 57	0 3	22 15	1 8	22 46	0 23	9 13	1 43	4 34	14 37	16 57	16 37	18 59	6 19	2 55
F 12	21 56	20 9	0 50	22 38	0 46	19 51	1 27	20 41	0 23	22 56	0 3	22 15	1 8	22 46	0 23	9 13	1 43	4 34	14 38	16 58	16 38	18 56	6 19	2 55
S 13	21 48	14 42	0n33	22 47	0 33	19 33	1 28	20 49	0 22	22 55	0 3	22 15	1 8	22 46	0 23	9 13	1 43	4 34	14 38	16 58	16 39	18 54	6 19	2 55
S 14	21 39	8 27	1 52	22 55	0 21	19 15	1 29	20 57	0 21	22 54	0 3	22 16	1 8	22 45	0 23	9 13	1 43	4 34	14 38	16 57	16 40	18 51	6 19	2 55
M15	21 30	1 53	3 3	23 1	0 8	18 55	1 29	21 5	0 20	22 53	0 3	22 16	1 8	22 45	0 23	9 13	1 43	4 34	14 38	16 57	16 41	18 49	6 19	2 55
T 16	21 20	4n36	4 1	23 5	0n 3	18 35	1 30	21 13	0 20	22 52	0 3	22 16	1 8	22 44	0 23	9 13	1 43	4 34	14 38	16 57	16 42	18 46	6 19	2 55
W17	21 10	10 41	4 43	23 6	0 15	18 15	1 30	21 21	0 19	22 51	0 3	22 16	1 8	22 44	0 23	9 13	1 43	4 34	14 39	16 57	16 43	18 44	6 19	2 55
T 18	21 0	16 5	5 8	23 5	0 26	17 54	1 31	21 28	0 18	22 49	0 3	22 16	1 8	22 43	0 23	9 14	1 43	4 34	14 39	16 57	16 43	18 41	6 19	2 56
F 19	20 49	20 37	5 16	23 2	0 36	17 33	1 31	21 35	0 17	22 48	0 2	22 16	1 8	22 43	0 23	9 14	1 43	4 34	14 39	16 57	16 44	18 38	6 19	2 56
S 20	20 38	24 4	5 9	22 55	0 46	17 11	1 32	21 42	0 16	22 47	0 2	22 17	1 8	22 42	0 23	9 14	1 43	4 33	14 39	16 57	16 45	18 36	6 19	2 56
S 21	20 26	26 18	4 47	22 47	0 55	16 49	1 32	21 49	0 16	22 46	0 2	22 17	1 8	22 42	0 23	9 14	1 43	4 33	14 40	16 58	16 46	18 33	6 19	2 56
M22	20 15	27 14	4 12	22 35	1 4	16 27	1 32	21 55	0 15	22 45	0 2	22 17	1 8	22 42	0 23	9 14	1 43	4 33	14 40	16 58	16 47	18 31	6 19	2 56
T 23	20 2	26 51	3 27	22 21	1 11	16 3	1 33	22 1	0 14	22 44	0 2	22 17	1 8	22 41	0 23	9 15	1 43	4 33	14 40	16 59	16 48	18 28	6 19	2 56
W24	19 50	25 13	2 33	22 4	1 18	15 40	1 33	22 8	0 13	22 42	0 2	22 17	1 8	22 41	0 23	9 15	1 43	4 33	14 40	16 59	16 49	18 25	6 19	2 56
T 25	19 37	22 28	1 32	21 44	1 25	15 16	1 33	22 13	0 13	22 41	0 2	22 17	1 8	22 40	0 23	9 15	1 43	4 33	14 41	16 59	16 50	18 23	6 19	2 56
F 26	19 24	18 48	0 28	21 23	1 30	14 52	1 33	22 19	0 12	22 40	0 2	22 17	1 8	22 40	0 23	9 15	1 43	4 33	14 41	16 59	16 51	18 20	6 18	2 56
S 27	19 11	14 24	0s37	20 58	1 35	14 27	1 33	22 25	0 11	22 39	0 2	22 17	1 8	22 39	0 23	9 15	1 43	4 33	14 41	16 59	16 52	18 18	6 18	2 56
S 28	18 57	9 27	1 41	20 32	1 39	14 2	1 33	22 30	0 10	22 37	0 2	22 17	1 8	22 39	0 24	9 16	1 43	4 33	14 41	16 59	16 52	18 15	6 18	2 56
M29	18 43	4 9	2 41	20 3	1 42	13 36	1 32	22 35	0 9	22 36	0 1	22 17	1 8	22 38	0 24	9 16	1 42	4 32	14 42	16 59	16 53	18 12	6 18	2 57
T 30	18 28	1s20	3 34	19 32	1 44	13 10	1 32	22 40	0 8	22 35	0 1	22 17	1 8	22 38	0 24	9 16	1 42	4 32	14 42	16 59	16 54	18 10	6 17	2 57
W31	18n14	6s51	4s19	19n 0	1n46	12n44	1n32	22n44	0s 8	22n33	0s 1	22n18	1s 8	22n37	0n24	9s16	1n42	4n32	14s42	16s59	16s55	18n 7	6n17	2n57

Julian Day Number = 2495555.5, Delta T = 103.54 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'26, Lahiri = 25°32'27

ASTRODIENST EPHEMERIS for the year 2120
geocentric

AUGUST 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 25	9♌ 3'53	19♎40	13♌36	1♍40	18♊29	15♋17	29♊14	17♋54	28♎20	24♉14	12♒44	12♒53	9♌44	9°R 1	T 1
F 2	20 43 21	10° 1'17	2♏22	15°37	2°53	19°10	15°30	29°21	17°58	28°20	24°15	12°44	12°50	9°51	9♈ 0	F 2
S 3	20 47 18	10°58'41	15°25	17°37	4° 6	19°51	15°43	29°27	18° 1	28°21	24°15	12°R44	12°47	9°57	8°59	S 3
S 4	20 51 14	11°56'05	28°52	19°36	5°19	20°31	15°56	29°34	18° 5	28°22	24°15	12°44	12°44	10° 4	8°58	S 4
M 5	20 55 11	12°53'31	12♐45	21°33	6°32	21°12	16° 9	29°40	18° 8	28°23	24°16	12°D44	12°41	10°11	8°56	M 5
T 6	20 59 7	13°50'56	27° 4	23°29	7°45	21°52	16°22	29°46	18°11	28°24	24°16	12°44	12°37	10°17	8°55	T 6
W 7	21 3 4	14°48'23	11♑46	25°23	8°58	22°32	16°35	29°53	18°15	28°25	24°17	12°44	12°34	10°24	8°54	W 7
T 8	21 7 1	15°45'50	26°46	27°16	10°12	23°13	16°47	29°59	18°18	28°25	24°17	12°44	12°31	10°30	8°52	T 8
F 9	21 10 57	16°43'18	11♒56	29° 7	11°25	23°53	17° 0	0♋ 5	18°21	28°26	24°17	12°R44	12°28	10°37	8°51	F 9
S 10	21 14 54	17°40'48	27° 8	0♍56	12°38	24°33	17°13	0°11	18°25	28°27	24°18	12°44	12°25	10°44	8°50	S 10
S 11	21 18 50	18°38'18	12♓11	2°44	13°51	25°13	17°25	0°17	18°28	28°28	24°18	12°44	12°22	10°50	8°48	S 11
M12	21 22 47	19°35'49	26°57	4°30	15° 4	25°53	17°38	0°23	18°31	28°29	24°18	12°43	12°18	10°57	8°47	M12
T 13	21 26 43	20°33'22	11♈21	6°15	16°17	26°33	17°50	0°29	18°34	28°30	24°18	12°43	12°15	11° 4	8°45	T 13
W14	21 30 40	21°30'56	25°19	7°58	17°30	27°12	18° 3	0°35	18°38	28°32	24°18	12°42	12°12	11°10	8°43	W14
T 15	21 34 36	22°28'31	8♉49	9°40	18°43	27°52	18°15	0°41	18°41	28°33	24°19	12°41	12° 9	11°17	8°42	T 15
F 16	21 38 33	23°26'08	21°54	11°20	19°56	28°31	18°27	0°47	18°44	28°34	24°19	12°D41	12° 6	11°24	8°40	F 16
S 17	21 42 30	24°23'47	4♊36	12°59	21° 8	29°11	18°40	0°53	18°47	28°35	24°19	12°41	12° 2	11°30	8°38	S 17
S 18	21 46 26	25°21'27	16°58	14°36	22°21	29°50	18°52	0°58	18°50	28°36	24°19	12°42	11°59	11°37	8°36	S 18
M19	21 50 23	26°19'08	29° 6	16°12	23°34	0♋30	19° 4	1° 4	18°53	28°37	24°19	12°43	11°56	11°44	8°35	M19
T 20	21 54 19	27°16'51	11♋ 3	17°46	24°47	1° 9	19°16	1° 9	18°56	28°39	24°19	12°44	11°53	11°50	8°33	T 20
W21	21 58 16	28°14'36	22°54	19°19	26° 0	1°48	19°28	1°15	18°59	28°40	24°19	12°45	11°50	11°57	8°31	W21
T 22	22 2 12	29°12'22	4♌41	20°50	27°13	2°27	19°40	1°20	19° 2	28°41	24°20	12°46	11°47	12° 4	8°29	T 22
F 23	22 6 9	0♍10'10	16°28	22°20	28°26	3° 6	19°52	1°25	19° 5	28°43	24°20	12°R46	11°43	12°10	8°27	F 23
S 24	22 10 5	1° 7'58	28°17	23°48	29°38	3°45	20° 4	1°31	19° 8	28°44	24°R20	12°45	11°40	12°17	8°25	S 24
S 25	22 14 2	2° 5'49	10♍11	25°15	0♎51	4°23	20°15	1°36	19°11	28°45	24°20	12°44	11°37	12°23	8°23	S 25
M26	22 17 59	3° 3'40	22°12	26°40	2° 4	5° 2	20°27	1°41	19°14	28°47	24°19	12°41	11°34	12°30	8°21	M26
T 27	22 21 55	4° 1'33	4♎21	28° 4	3°17	5°41	20°39	1°46	19°17	28°48	24°19	12°38	11°31	12°37	8°19	T 27
W28	22 25 52	4°59'28	16°41	29°26	4°29	6°19	20°50	1°51	19°20	28°50	24°19	12°34	11°27	12°43	8°16	W28
T 29	22 29 48	5°57'24	29°14	0♎47	5°42	6°57	21° 1	1°56	19°22	28°51	24°19	12°31	11°24	12°50	8°14	T 29
F 30	22 33 45	6°55'21	12♏ 1	2° 6	6°55	7°36	21°13	2° 0	19°25	28°53	24°19	12°28	11°21	12°57	8°12	F 30
S 31	22 37 41	7♍53'19	25♏ 5	3♎23	8♎ 7	8♋14	21♋24	2♋ 5	19♋28	28♎54	24♉19	12♒27	11♒18	13♌ 3	8♈10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n59	12s12	4s53	18n26	1n46	12n18	1n31	22n49	0s 7	22n32	0s 1	22n18	1s 8	22n37	0n24	9s17	1n42	4n32	14s42	16s59	16s56	18n 5	6n17	2n57
F 2	17 43	17 10	5 13	17 50	1 47	11 51	1 31	22 53	0 6	22 30	0 1	22 18	1 8	22 37	0 24	9 17	1 42	4 32	14 43	16 59	16 57	18 2	6 16	2 57
S 3	17 28	21 30	5 17	17 13	1 46	11 24	1 30	22 57	0 5	22 29	0 1	22 18	1 8	22 36	0 24	9 17	1 42	4 32	14 43	16 59	16 58	17 59	6 16	2 57
S 4	17 12	24 51	5 5	16 35	1 45	10 56	1 29	23 1	0 4	22 28	0 1	22 18	1 8	22 36	0 24	9 18	1 42	4 32	14 43	16 59	16 59	17 57	6 16	2 57
M 5	16 56	26 52	4 35	15 56	1 43	10 29	1 29	23 5	0 3	22 26	0 1	22 18	1 8	22 35	0 24	9 18	1 42	4 31	14 44	16 59	17 0	17 54	6 15	2 57
T 6	16 40	27 11	3 48	15 16	1 41	10 1	1 28	23 8	0 3	22 25	0 1	22 18	1 8	22 35	0 24	9 18	1 42	4 31	14 44	16 59	17 1	17 51	6 15	2 57
W 7	16 23	25 38	2 44	14 35	1 38	9 33	1 27	23 11	0 2	22 23	0 1	22 18	1 8	22 34	0 24	9 19	1 42	4 31	14 44	16 59	17 1	17 49	6 14	2 57
T 8	16 6	22 14	1 28	13 54	1 35	9 4	1 26	23 14	0 1	22 22	0 1	22 18	1 8	22 34	0 24	9 19	1 42	4 31	14 44	16 59	17 2	17 46	6 14	2 57
F 9	15 49	17 16	0 4	13 12	1 31	8 35	1 25	23 17	0 0	22 20	0 0	22 18	1 8	22 34	0 24	9 20	1 42	4 31	14 45	16 59	17 3	17 43	6 13	2 57
S 10	15 32	11 13	1n19	12 29	1 26	8 6	1 24	23 20	0n 1	22 19	0 0	22 18	1 8	22 33	0 24	9 20	1 42	4 30	14 45	16 59	17 4	17 41	6 13	2 57
S 11	15 14	4 35	2 36	11 46	1 22	7 37	1 23	23 22	0 2	22 17	0 0	22 18	1 8	22 33	0 24	9 20	1 42	4 30	14 45	16 59	17 5	17 38	6 12	2 57
M12	14 56	2n11	3 42	11 2	1 16	7 8	1 21	23 24	0 3	22 16	0 0	22 18	1 8	22 32	0 24	9 21	1 42	4 30	14 45	16 59	17 6	17 35	6 12	2 57
T 13	14 38	8 39	4 31	10 19	1 11	6 38	1 20	23 26	0 4	22 14	0 0	22 18	1 8	22 32	0 24	9 21	1 42	4 30	14 46	16 59	17 7	17 33	6 11	2 58
W14	14 19	14 29	5 3	9 35	1 5	6 9	1 19	23 28	0 4	22 13	0n 0	22 18	1 8	22 31	0 24	9 22	1 42	4 30	14 46	16 59	17 8	17 30	6 11	2 58
T 15	14 1	19 25	5 17	8 51	0 59	5 39	1 17	23 30	0 5	22 11	0 0	22 18	1 8	22 31	0 24	9 22	1 42	4 29	14 46	17 0	17 9	17 27	6 10	2 58
F 16	13 42	23 16	5 13	8 7	0 52	5 9	1 16	23 31	0 6	22 10	0 0	22 18	1 8	22 31	0 24	9 23	1 42	4 29	14 47	17 0	17 9	17 25	6 9	2 58
S 17	13 23	25 52	4 55	7 23	0 45	4 39	1 14	23 32	0 7	22 8	0 0	22 17	1 8	22 30	0 24	9 23	1 41	4 29	14 47	17 0	17 10	17 22	6 9	2 58
S 18	13 4	27 8	4 22	6 39	0 38	4 8	1 12	23 34	0 8	22 6	0 0	22 17	1 8	22 30	0 24	9 23	1 41	4 29	14 47	16 59	17 11	17 19	6 8	2 58
M19	12 44	27 4	3 39	5 55	0 31	3 38	1 11	23 34	0 9	22 5	0 1	22 17	1 8	22 29	0 24	9 24	1 41	4 28	14 47	16 59	17 12	17 17	6 7	2 58
T 20	12 25	25 44	2 47	5 12	0 23	3 7	1 9	23 35	0 10	22 3	0 1	22 17	1 8	22 29	0 24	9 24	1 41	4 28	14 48	16 59	17 13	17 14	6 7	2 58
W21	12 5	23 15	1 48	4 28	0 16	2 37	1 7	23 36	0 11	22 2	0 1	22 17	1 8	22 29	0 24	9 25	1 41	4 28	14 48	16 58	17 14	17 11	6 6	2 58
T 22	11 45	19 48	0 45	3 45	0 8	2 6	1 5	23 36	0 12	22 0	0 1	22 17	1 8	22 28	0 24	9 25	1 41	4 28	14 48	16 58	17 15	17 9	6 5	2 58
F 23	11 24	15 34	0s20	3 2	0s 1	1 35	1 3	23 36	0 13	21 58	0 1	22 17	1 8	22 28	0 24	9 26	1 41	4 27	14 49	16 58	17 16	17 6	6 4	2 58
S 24	11 4	10 44	1 25	2 19	0 9	1 5	1 1	23 36	0 14	21 57	0 1	22 17	1 8	22 27	0 24	9 26	1 41	4 27	14 49	16 58	17 17	17 3	6 4	2 58
S 25	10 43	5 30	2 26	1 37	0 17	0 34	0 59	23 36	0 14	21 55	0 1	22 17	1 8	22 27	0 24	9 27	1 41	4 27	14 49	16 59	17 17	17 0	6 3	2 58
M26	10 23	0 1	3 21	0 55	0 26	0 3	0 57	23 35	0 15	21 53	0 1	22 17	1 8	22 27	0 24	9 28	1 41	4 27	14 49	17 0	17 18	16 58	6 2	2 58
T 27	10 2	5s31	4 7	0 14	0 35	0s28	0 55	23 35	0 16	21 52	0 1	22 17	1 8	22 26	0 24	9 28	1 41	4 26	14 50	17 0	17 19	16 55	6 1	2 58
W28	9 41	10 55	4 43	0s27	0 44	0 59	0 52	23 34	0 17	21 50	0 2	22 17	1 8	22 26	0 24	9 29	1 41	4 26	14 50	17 1	17 20	16 52	6 0	2 58
T 29	9 19	15 58	5 6	1 7	0 53	1 30	0 50	23 33	0 18	21 49	0 2	22 17	1 8	22 25	0 24	9 29	1 41	4 26	14 50	17 2	17 21	16 50	6 0	2 58
F 30	8 58	20 25	5 14	1 47	1 2	2 1	0 47	23 32	0 19	21 47	0 2	22 16	1 8	22 25	0 24	9 30	1 41	4 25	14 50	17 3	17 22	16 47	5 59	2 58
S 31	8n36	23s59	5s 7	2s26	1s11	2s32	0n45	23n30	0n20	21n45	0n 2	22n16	1s 8	22n25	0n24	9s30	1n41	4n25	14s51	17s 4	17s23	16n44	5n58	2n58

Julian Day Number = 2495586.5, Delta T = 103.59 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'30, Lahiri = 25°32'31

ASTRODIENST EPHEMERIS for the year 2120
geocentric

SEPTEMBER 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 38	8♍51'19	8♐28	4♎39	9♎20	8♋52	21♋35	2♋ 9	19♋30	28♎56	24°R19	12°D26	11♒15	13♌10	8°R 8	S 1
M 2	22 45 34	9°49'20	22°12	5°53	10°32	9°30	21°46	2°14	19°33	28°57	24♉19	12♒26	11°12	13°17	8♈ 5	M 2
T 3	22 49 31	10°47'23	6♑17	7° 5	11°45	10° 7	21°57	2°18	19°36	28°59	24°18	12°28	11° 8	13°23	8° 3	T 3
W 4	22 53 27	11°45'26	20°43	8°15	12°57	10°45	22° 8	2°23	19°38	29° 1	24°18	12°29	11° 5	13°30	8° 0	W 4
T 5	22 57 24	12°43'32	5♒26	9°22	14°10	11°23	22°19	2°27	19°41	29° 2	24°18	12°R30	11° 2	13°37	7°58	T 5
F 6	23 1 21	13°41'38	20°22	10°28	15°22	12° 0	22°30	2°31	19°43	29° 4	24°18	12°30	10°59	13°43	7°56	F 6
S 7	23 5 17	14°39'46	5♓25	11°32	16°35	12°38	22°41	2°35	19°46	29° 6	24°18	12°29	10°56	13°50	7°53	S 7
S 8	23 9 14	15°37'56	20°24	12°33	17°47	13°15	22°51	2°39	19°48	29° 7	24°17	12°26	10°53	13°56	7°51	S 8
M 9	23 13 10	16°36'07	5♈12	13°31	18°59	13°52	23° 2	2°43	19°50	29° 9	24°17	12°21	10°49	14° 3	7°48	M 9
T 10	23 17 7	17°34'20	19°41	14°27	20°12	14°29	23°12	2°47	19°53	29°11	24°17	12°16	10°46	14°10	7°46	T 10
W11	23 21 3	18°32'36	3♉45	15°20	21°24	15° 6	23°22	2°51	19°55	29°13	24°16	12°11	10°43	14°16	7°43	W11
T 12	23 25 0	19°30'53	17°22	16°10	22°36	15°43	23°33	2°54	19°57	29°15	24°16	12° 6	10°40	14°23	7°41	T 12
F 13	23 28 56	20°29'12	0♊31	16°57	23°49	16°20	23°43	2°58	20° 0	29°16	24°15	12° 2	10°37	14°30	7°38	F 13
S 14	23 32 53	21°27'34	13°16	17°40	25° 1	16°56	23°53	3° 1	20° 2	29°18	24°15	12° 1	10°33	14°36	7°35	S 14
S 15	23 36 50	22°25'57	25°39	18°19	26°13	17°33	24° 3	3° 5	20° 4	29°20	24°15	12°D 0	10°30	14°43	7°33	S 15
M16	23 40 46	23°24'23	7♋45	18°54	27°25	18° 9	24°12	3° 8	20° 6	29°22	24°14	12° 1	10°27	14°50	7°30	M16
T 17	23 44 43	24°22'51	19°40	19°25	28°37	18°46	24°22	3°11	20° 8	29°24	24°14	12° 3	10°24	14°56	7°27	T 17
W18	23 48 39	25°21'21	1♌29	19°52	29°49	19°22	24°32	3°14	20°10	29°26	24°13	12° 4	10°21	15° 3	7°25	W18
T 19	23 52 36	26°19'53	13°15	20°13	1♏ 1	19°58	24°41	3°17	20°12	29°28	24°13	12°R 5	10°18	15°10	7°22	T 19
F 20	23 56 32	27°18'27	25° 4	20°29	2°13	20°34	24°51	3°20	20°14	29°30	24°12	12° 4	10°14	15°16	7°19	F 20
S 21	0 0 29	28°17'03	6♍58	20°39	3°25	21° 9	25° 0	3°23	20°16	29°32	24°12	12° 1	10°11	15°23	7°17	S 21
S 22	0 4 25	29°15'41	19° 1	20°R43	4°37	21°45	25° 9	3°25	20°17	29°34	24°11	11°55	10° 8	15°29	7°14	S 22
M23	0 8 22	0♎14'21	1♎14	20°41	5°49	22°21	25°18	3°28	20°19	29°36	24°10	11°48	10° 5	15°36	7°11	M23
T 24	0 12 19	1°13'03	13°39	20°32	7° 1	22°56	25°27	3°30	20°21	29°38	24°10	11°40	10° 2	15°43	7° 9	T 24
W25	0 16 15	2°11'46	26°16	20°16	8°13	23°31	25°36	3°32	20°23	29°40	24° 9	11°30	9°59	15°49	7° 6	W25
T 26	0 20 12	3°10'32	9♏ 5	19°52	9°25	24° 6	25°44	3°35	20°24	29°42	24° 9	11°21	9°55	15°56	7° 3	T 26
F 27	0 24 8	4° 9'20	22° 6	19°22	10°36	24°41	25°53	3°37	20°26	29°44	24° 8	11°13	9°52	16° 3	7° 0	F 27
S 28	0 28 5	5° 8'09	5♐20	18°44	11°48	25°16	26° 1	3°39	20°27	29°46	24° 7	11° 8	9°49	16° 9	6°58	S 28
S 29	0 32 1	6° 7'00	18°48	17°59	13° 0	25°51	26° 9	3°41	20°29	29°48	24° 7	11° 4	9°46	16°16	6°55	S 29
M30	0 35 58	7♎ 5'53	2♑29	17♎ 7	14♏12	26♋25	26♋18	3♋43	20♋30	29♎50	24♉ 6	11°D 2	9♒43	16♌23	6♈52	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n15	26s21	4s43	3s 4	1s20	3s 3	0n42	23n29	0n21	21n44	0n 2	22n16	1s 8	22n24	0n24	9s31	1n41	4n25	14s51	17s 4	17s24	16n41	5n57	2n58
M 2	7 53	27 13	4 2	3 41	1 29	3 34	0 40	23 27	0 22	21 42	0 2	22 16	1 8	22 24	0 24	9 32	1 41	4 25	14 51	17 4	17 24	16 39	5 56	2 58
T 3	7 31	26 22	3 6	4 18	1 38	4 4	0 37	23 25	0 23	21 40	0 2	22 16	1 8	22 24	0 24	9 32	1 41	4 24	14 52	17 3	17 25	16 36	5 55	2 58
W 4	7 9	23 45	1 57	4 54	1 47	4 35	0 35	23 23	0 24	21 39	0 2	22 16	1 8	22 23	0 24	9 33	1 41	4 24	14 52	17 3	17 26	16 33	5 54	2 58
T 5	6 47	19 32	0 39	5 29	1 56	5 6	0 32	23 21	0 25	21 37	0 2	22 16	1 8	22 23	0 24	9 33	1 41	4 24	14 52	17 3	17 27	16 30	5 53	2 58
F 6	6 25	14 0	0n43	6 3	2 5	5 36	0 29	23 19	0 26	21 35	0 2	22 16	1 8	22 23	0 24	9 34	1 41	4 23	14 52	17 3	17 28	16 28	5 52	2 58
S 7	6 2	7 38	2 2	6 36	2 14	6 7	0 26	23 17	0 27	21 34	0 3	22 16	1 8	22 22	0 24	9 35	1 41	4 23	14 53	17 3	17 29	16 25	5 51	2 58
S 8	5 40	0 51	3 12	7 8	2 22	6 37	0 23	23 14	0 28	21 32	0 3	22 16	1 8	22 22	0 24	9 35	1 41	4 23	14 53	17 4	17 30	16 22	5 50	2 58
M 9	5 17	5n52	4 9	7 39	2 31	7 7	0 21	23 11	0 29	21 30	0 3	22 15	1 8	22 22	0 24	9 36	1 41	4 22	14 53	17 5	17 30	16 19	5 49	2 58
T 10	4 54	12 8	4 48	8 9	2 40	7 37	0 18	23 8	0 30	21 29	0 3	22 15	1 8	22 21	0 24	9 37	1 41	4 22	14 53	17 7	17 31	16 17	5 48	2 58
W11	4 32	17 35	5 8	8 37	2 48	8 7	0 15	23 5	0 31	21 27	0 3	22 15	1 9	22 21	0 24	9 37	1 40	4 22	14 54	17 8	17 32	16 14	5 47	2 58
T 12	4 9	21 58	5 10	9 4	2 56	8 37	0 12	23 2	0 32	21 26	0 3	22 15	1 9	22 21	0 24	9 38	1 40	4 21	14 54	17 9	17 33	16 11	5 46	2 58
F 13	3 46	25 4	4 56	9 29	3 4	9 6	0 9	22 59	0 33	21 24	0 3	22 15	1 9	22 20	0 24	9 39	1 40	4 21	14 54	17 10	17 34	16 8	5 45	2 58
S 14	3 23	26 47	4 27	9 52	3 11	9 36	0 5	22 55	0 34	21 22	0 3	22 15	1 9	22 20	0 25	9 39	1 40	4 21	14 54	17 11	17 35	16 6	5 44	2 58
S 15	3 0	27 7	3 46	10 14	3 18	10 5	0 2	22 52	0 35	21 21	0 3	22 15	1 9	22 20	0 25	9 40	1 40	4 20	14 55	17 11	17 36	16 3	5 43	2 58
M16	2 37	26 7	2 56	10 34	3 25	10 34	0s 1	22 48	0 36	21 19	0 4	22 15	1 9	22 20	0 25	9 41	1 40	4 20	14 55	17 11	17 37	16 0	5 42	2 58
T 17	2 14	23 57	1 59	10 51	3 31	11 2	0 4	22 44	0 37	21 17	0 4	22 15	1 9	22 19	0 25	9 41	1 40	4 20	14 55	17 10	17 37	15 57	5 41	2 58
W18	1 51	20 45	0 57	11 7	3 37	11 31	0 7	22 40	0 38	21 16	0 4	22 14	1 9	22 19	0 25	9 42	1 40	4 19	14 55	17 10	17 38	15 54	5 40	2 58
T 19	1 27	16 44	0s 6	11 19	3 42	11 59	0 11	22 36	0 40	21 14	0 4	22 14	1 9	22 19	0 25	9 43	1 40	4 19	14 56	17 10	17 39	15 52	5 39	2 58
F 20	1 4	12 4	1 10	11 29	3 46	12 27	0 14	22 31	0 41	21 13	0 4	22 14	1 9	22 19	0 25	9 43	1 40	4 19	14 56	17 10	17 40	15 49	5 38	2 58
S 21	0 41	6 55	2 11	11 37	3 50	12 55	0 17	22 27	0 42	21 11	0 4	22 14	1 9	22 18	0 25	9 44	1 40	4 18	14 56	17 11	17 41	15 46	5 37	2 58
S 22	0 18	1 29	3 6	11 41	3 53	13 22	0 20	22 22	0 43	21 10	0 4	22 14	1 9	22 18	0 25	9 45	1 40	4 18	14 56	17 12	17 42	15 43	5 36	2 58
M23	0s 6	4s 4	3 54	11 41	3 54	13 50	0 24	22 18	0 44	21 8	0 4	22 14	1 9	22 18	0 25	9 46	1 40	4 18	14 57	17 14	17 43	15 41	5 34	2 58
T 24	0 29	9 33	4 31	11 38	3 55	14 17	0 27	22 13	0 45	21 7	0 4	22 14	1 9	22 18	0 25	9 46	1 40	4 17	14 57	17 17	17 43	15 38	5 33	2 58
W25	0 52	14 43	4 56	11 31	3 54	14 43	0 30	22 8	0 46	21 5	0 5	22 14	1 9	22 17	0 25	9 47	1 40	4 17	14 57	17 19	17 44	15 35	5 32	2 58
T 26	1 16	19 20	5 6	11 20	3 52	15 9	0 34	22 3	0 47	21 4	0 5	22 14	1 9	22 17	0 25	9 48	1 40	4 16	14 57	17 22	17 45	15 32	5 31	2 58
F 27	1 39	23 7	5 1	11 5	3 48	15 35	0 37	21 58	0 48	21 2	0 5	22 13	1 9	22 17	0 25	9 49	1 40	4 16	14 57	17 24	17 46	15 29	5 30	2 58
S 28	2 2	25 46	4 40	10 46	3 42	16 1	0 41	21 53	0 49	21 1	0 5	22 13	1 9	22 17	0 25	9 49	1 40	4 16	14 58	17 26	17 47	15 26	5 29	2 58
S 29	2 26	26 59	4 3	10 22	3 35	16 26	0 44	21 48	0 51	20 59	0 5	22 13	1 9	22 17	0 25	9 50	1 40	4 15	14 58	17 27	17 48	15 24	5 28	2 57
M30	2s49	26s36	3s12	9s53	3s26	16s51	0s47	21n42	0n52	20n58	0n 5	22n13	1s 9	22n16	0n25	9s51	1n40	4n15	14s58	17s27	17s48	15n21	5n26	2n57

Julian Day Number = 2495617.5, Delta T = 103.63 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'35, Lahiri = 25°32'35

ASTRODIENST EPHEMERIS for the year 2120
geocentric

OCTOBER 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 54	8♎ 4'48	16♉24	16°R10	15♏23	27♋ 0	26♋26	3♋44	20♋32	29♎52	24°R 5	11♒ 3	9♒39	16♌29	6°R49	T 1
W 2	0 43 51	9° 3'44	0♒34	15♎ 7	16°35	27°34	26°34	3°46	20°33	29°54	24♉ 4	11° 3	9°36	16°36	6♈47	W 2
T 3	0 47 48	10° 2'42	14°57	14° 1	17°46	28° 8	26°41	3°47	20°34	29°56	24° 4	11°R 4	9°33	16°43	6°44	T 3
F 4	0 51 44	11° 1'41	29°31	12°53	18°58	28°42	26°49	3°49	20°35	29°58	24° 3	11° 2	9°30	16°49	6°41	F 4
S 5	0 55 41	12° 0'43	14♓11	11°44	20° 9	29°16	26°56	3°50	20°37	0♏ 1	24° 2	10°59	9°27	16°56	6°38	S 5
S 6	0 59 37	12°59'46	28°52	10°37	21°20	29°50	27° 4	3°51	20°38	0° 3	24° 1	10°52	9°24	17° 3	6°36	S 6
M 7	1 3 34	13°58'51	13♈26	9°32	22°32	0♌23	27°11	3°52	20°39	0° 5	24° 0	10°44	9°20	17° 9	6°33	M 7
T 8	1 7 30	14°57'58	27°47	8°33	23°43	0°57	27°18	3°53	20°40	0° 7	24° 0	10°33	9°17	17°16	6°30	T 8
W 9	1 11 27	15°57'07	11♉47	7°40	24°54	1°30	27°25	3°54	20°41	0° 9	23°59	10°23	9°14	17°22	6°27	W 9
T 10	1 15 23	16°56'19	25°24	6°55	26° 5	2° 3	27°31	3°55	20°42	0°11	23°58	10°13	9°11	17°29	6°25	T 10
F 11	1 19 20	17°55'33	8♊35	6°19	27°16	2°36	27°38	3°55	20°43	0°14	23°57	10° 5	9° 8	17°36	6°22	F 11
S 12	1 23 17	18°54'49	21°21	5°54	28°28	3° 8	27°45	3°56	20°43	0°16	23°56	9°59	9° 4	17°42	6°19	S 12
S 13	1 27 13	19°54'07	3♋46	5°39	29°39	3°41	27°51	3°56	20°44	0°18	23°55	9°56	9° 1	17°49	6°17	S 13
M14	1 31 10	20°53'28	15°54	5°D35	0♐49	4°13	27°57	3°57	20°45	0°20	23°54	9°55	8°58	17°56	6°14	M14
T 15	1 35 6	21°52'51	27°49	5°42	2° 0	4°45	28° 3	3°57	20°46	0°22	23°53	9°D55	8°55	18° 2	6°12	T 15
W16	1 39 3	22°52'16	9♌38	6° 0	3°11	5°18	28° 9	3°R57	20°46	0°25	23°53	9°R55	8°52	18° 9	6° 9	W16
T 17	1 42 59	23°51'43	21°25	6°27	4°22	5°49	28°14	3°57	20°47	0°27	23°52	9°54	8°49	18°16	6° 6	T 17
F 18	1 46 56	24°51'13	3♍17	7° 4	5°33	6°21	28°20	3°57	20°47	0°29	23°51	9°52	8°45	18°22	6° 4	F 18
S 19	1 50 52	25°50'45	15°16	7°50	6°43	6°52	28°25	3°56	20°48	0°31	23°50	9°47	8°42	18°29	6° 1	S 19
S 20	1 54 49	26°50'19	27°28	8°44	7°54	7°24	28°30	3°56	20°48	0°34	23°49	9°39	8°39	18°36	5°59	S 20
M21	1 58 45	27°49'55	9♎53	9°45	9° 5	7°55	28°35	3°55	20°48	0°36	23°48	9°29	8°36	18°42	5°56	M21
T 22	2 2 42	28°49'33	22°35	10°52	10°15	8°26	28°40	3°55	20°49	0°38	23°47	9°17	8°33	18°49	5°54	T 22
W23	2 6 39	29°49'14	5♏32	12° 5	11°25	8°56	28°45	3°54	20°49	0°40	23°46	9° 4	8°30	18°55	5°51	W23
T 24	2 10 35	0♏48'56	18°43	13°22	12°36	9°27	28°49	3°53	20°49	0°43	23°45	8°51	8°26	19° 2	5°49	T 24
F 25	2 14 32	1°48'41	2♐ 7	14°44	13°46	9°57	28°54	3°52	20°49	0°45	23°44	8°39	8°23	19° 9	5°46	F 25
S 26	2 18 28	2°48'27	15°41	16° 9	14°56	10°27	28°58	3°51	20°49	0°47	23°43	8°30	8°20	19°15	5°44	S 26
S 27	2 22 25	3°48'15	29°24	17°38	16° 6	10°57	29° 2	3°50	20°R49	0°49	23°42	8°24	8°17	19°22	5°42	S 27
M28	2 26 21	4°48'05	13♑15	19° 8	17°16	11°26	29° 5	3°49	20°49	0°51	23°41	8°21	8°14	19°29	5°39	M28
T 29	2 30 18	5°47'56	27°12	20°41	18°26	11°56	29° 9	3°48	20°49	0°54	23°39	8°20	8°10	19°35	5°37	T 29
W30	2 34 15	6°47'49	11♒14	22°15	19°36	12°25	29°12	3°46	20°49	0°56	23°38	8°20	8° 7	19°42	5°35	W30
T 31	2 38 11	7♏47'43	25♒23	23♎51	20♐46	12♌54	29♋16	3♋44	20♋49	0♏58	23♉37	8♒19	8♒ 4	19♌49	5♈33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s12	24s32	2s 8	9s21	3s15	17s15	0s51	21n37	0n53	20n57	0n 5	22n13	1s 9	22n16	0n25	9s52	1n40	4n15	14s58	17s27	17s49	15n18	5n25	2n57
W 2	3 35	20 56	0 56	8 45	3 2	17 39	0 54	21 31	0 54	20 55	0 5	22 13	1 9	22 16	0 25	9 52	1 40	4 14	14 58	17 27	17 50	15 15	5 24	2 57
T 3	3 59	16 1	0n21	8 6	2 47	18 3	0 58	21 25	0 55	20 54	0 6	22 13	1 9	22 16	0 25	9 53	1 40	4 14	14 59	17 27	17 51	15 12	5 23	2 57
F 4	4 22	10 7	1 37	7 24	2 31	18 26	1 1	21 20	0 56	20 52	0 6	22 13	1 9	22 16	0 25	9 54	1 40	4 14	14 59	17 27	17 52	15 10	5 22	2 57
S 5	4 45	3 39	2 47	6 41	2 13	18 48	1 4	21 14	0 58	20 51	0 6	22 13	1 9	22 16	0 25	9 55	1 40	4 13	14 59	17 28	17 53	15 7	5 21	2 57
S 6	5 8	3n 1	3 46	5 57	1 54	19 11	1 8	21 8	0 59	20 50	0 6	22 13	1 9	22 15	0 25	9 55	1 40	4 13	14 59	17 30	17 54	15 4	5 19	2 57
M 7	5 31	9 27	4 30	5 13	1 34	19 32	1 11	21 2	1 0	20 49	0 6	22 13	1 10	22 15	0 25	9 56	1 40	4 12	14 59	17 32	17 54	15 1	5 18	2 57
T 8	5 54	15 17	4 56	4 31	1 13	19 54	1 14	20 56	1 1	20 47	0 6	22 13	1 10	22 15	0 25	9 57	1 40	4 12	15 0	17 35	17 55	14 58	5 17	2 57
W 9	6 16	20 10	5 3	3 51	0 53	20 14	1 18	20 50	1 2	20 46	0 6	22 12	1 10	22 15	0 25	9 58	1 40	4 12	15 0	17 38	17 56	14 55	5 16	2 57
T 10	6 39	23 50	4 53	3 15	0 33	20 35	1 21	20 44	1 4	20 45	0 6	22 12	1 10	22 15	0 25	9 58	1 40	4 11	15 0	17 40	17 57	14 52	5 15	2 57
F 11	7 2	26 7	4 27	2 42	0 13	20 55	1 24	20 37	1 5	20 44	0 7	22 12	1 10	22 15	0 25	9 59	1 40	4 11	15 0	17 42	17 58	14 50	5 14	2 56
S 12	7 24	26 57	3 48	2 15	0n 6	21 14	1 28	20 31	1 6	20 43	0 7	22 12	1 10	22 15	0 25	10 0	1 40	4 11	15 0	17 44	17 59	14 47	5 12	2 56
S 13	7 47	26 22	3 0	1 53	0 24	21 33	1 31	20 25	1 7	20 42	0 7	22 12	1 10	22 15	0 25	10 1	1 40	4 10	15 0	17 45	17 59	14 44	5 11	2 56
M14	8 9	24 32	2 4	1 36	0 40	21 51	1 34	20 18	1 9	20 40	0 7	22 12	1 10	22 15	0 25	10 1	1 40	4 10	15 1	17 45	18 0	14 41	5 10	2 56
T 15	8 31	21 38	1 4	1 25	0 55	22 8	1 37	20 12	1 10	20 39	0 7	22 12	1 10	22 15	0 25	10 2	1 40	4 10	15 1	17 45	18 1	14 38	5 9	2 56
W16	8 53	17 51	0 2	1 20	1 9	22 25	1 40	20 5	1 11	20 38	0 7	22 12	1 10	22 14	0 25	10 3	1 40	4 9	15 1	17 45	18 2	14 35	5 8	2 56
T 17	9 15	13 24	1s 1	1 20	1 21	22 42	1 44	19 58	1 12	20 37	0 7	22 12	1 10	22 14	0 25	10 4	1 40	4 9	15 1	17 45	18 3	14 32	5 7	2 56
F 18	9 37	8 25	2 1	1 25	1 31	22 58	1 47	19 52	1 14	20 36	0 8	22 12	1 10	22 14	0 26	10 5	1 40	4 9	15 1	17 46	18 4	14 30	5 6	2 56
S 19	9 59	3 6	2 56	1 35	1 40	23 13	1 50	19 45	1 15	20 35	0 8	22 12	1 10	22 14	0 26	10 5	1 40	4 8	15 1	17 47	18 4	14 27	5 4	2 56
S 20	10 20	2s25	3 44	1 49	1 47	23 28	1 53	19 38	1 16	20 35	0 8	22 12	1 10	22 14	0 26	10 6	1 40	4 8	15 1	17 49	18 5	14 24	5 3	2 55
M21	10 42	7 56	4 22	2 8	1 53	23 42	1 56	19 32	1 18	20 34	0 8	22 12	1 10	22 14	0 26	10 7	1 40	4 8	15 1	17 52	18 6	14 21	5 2	2 55
T 22	11 3	13 14	4 48	2 30	1 58	23 56	1 59	19 25	1 19	20 33	0 8	22 12	1 10	22 14	0 26	10 8	1 40	4 7	15 2	17 55	18 7	14 18	5 1	2 55
W23	11 24	18 4	5 0	2 55	2 1	24 8	2 1	19 18	1 20	20 32	0 8	22 12	1 10	22 14	0 26	10 8	1 40	4 7	15 2	17 59	18 8	14 15	5 0	2 55
T 24	11 45	22 7	4 56	3 23	2 3	24 21	2 4	19 11	1 22	20 31	0 8	22 12	1 10	22 14	0 26	10 9	1 40	4 7	15 2	18 2	18 9	14 12	4 59	2 55
F 25	12 6	25 5	4 36	3 54	2 4	24 32	2 7	19 5	1 23	20 30	0 9	22 12	1 10	22 14	0 26	10 10	1 40	4 6	15 2	18 5	18 9	14 9	4 58	2 55
S 26	12 26	26 38	4 0	4 26	2 5	24 43	2 10	18 58	1 24	20 30	0 9	22 12	1 10	22 14	0 26	10 11	1 40	4 6	15 2	18 8	18 10	14 7	4 57	2 55
S 27	12 47	26 36	3 10	5 0	2 4	24 53	2 12	18 51	1 26	20 29	0 9	22 12	1 10	22 14	0 26	10 12	1 40	4 6	15 2	18 9	18 11	14 4	4 56	2 54
M28	13 7	24 54	2 8	5 36	2 2	25 3	2 15	18 44	1 27	20 28	0 9	22 12	1 10	22 14	0 26	10 12	1 40	4 5	15 2	18 10	18 12	14 1	4 55	2 54
T 29	13 27	21 40	0 59	6 13	2 0	25 12	2 17	18 37	1 29	20 28	0 9	22 12	1 10	22 14	0 26	10 13	1 40	4 5	15 2	18 10	18 13	13 58	4 54	2 54
W30	13 47	17 9	0n15	6 51	1 57	25 20	2 20	18 31	1 30	20 27	0 9	22 12	1 10	22 14	0 26	10 14	1 40	4 5	15 2	18 10	18 14	13 55	4 53	2 54
T 31	14s 6	11s39	1n29	7s29	1n54	25s28	2s22	18n24	1n31	20n27	0n 9	22n12	1s10	22n15	0n26	10s15	1n40	4n 4	15s 2	18s10	18s14	13n52	4n52	2n54

Julian Day Number = 2495647.5, Delta T = 103.68 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'39, Lahiri = 25°32'39

ASTRODIENST EPHEMERIS for the year 2120
geocentric

NOVEMBER 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 42 8	8♏47'39	9♓36	25♎27	21♐56	13♑22	29♋19	3°R43	20°R49	1♏ 0	23°R36	8°R17	8♒ 1	19♑55	5°R30	F 1
S 2	2 46 4	9°47'37	23°51	27° 4	23° 5	13°51	29°22	3♋41	20♋48	1° 3	23♉35	8♒12	7°58	20° 2	5♈28	S 2
S 3	2 50 1	10°47'36	8♈ 6	28°42	24°15	14°19	29°24	3°39	20°48	1° 5	23°34	8° 5	7°55	20° 9	5°26	S 3
M 4	2 53 57	11°47'37	22°15	0♏20	25°24	14°47	29°27	3°37	20°47	1° 7	23°33	7°54	7°51	20°15	5°24	M 4
T 5	2 57 54	12°47'40	6♉14	1°59	26°34	15°14	29°29	3°35	20°47	1° 9	23°32	7°42	7°48	20°22	5°22	T 5
W 6	3 1 50	13°47'45	19°58	3°37	27°43	15°42	29°31	3°33	20°46	1°11	23°31	7°29	7°45	20°29	5°20	W 6
T 7	3 5 47	14°47'51	3♊23	5°16	28°52	16° 9	29°33	3°30	20°46	1°14	23°30	7°17	7°42	20°35	5°18	T 7
F 8	3 9 43	15°48'00	16°28	6°54	0♑ 1	16°36	29°35	3°28	20°45	1°16	23°29	7° 7	7°39	20°42	5°16	F 8
S 9	3 13 40	16°48'10	29°11	8°33	1°10	17° 2	29°36	3°25	20°45	1°18	23°27	6°59	7°36	20°49	5°14	S 9
S 10	3 17 37	17°48'23	11♋35	10°11	2°18	17°29	29°38	3°23	20°44	1°20	23°26	6°54	7°32	20°55	5°12	S 10
M11	3 21 33	18°48'37	23°43	11°49	3°27	17°55	29°39	3°20	20°43	1°22	23°25	6°52	7°29	21° 2	5°10	M11
T 12	3 25 30	19°48'53	5♌39	13°27	4°35	18°20	29°40	3°17	20°42	1°25	23°24	6°D51	7°26	21° 8	5° 9	T 12
W13	3 29 26	20°49'12	17°28	15° 4	5°44	18°46	29°40	3°14	20°41	1°27	23°23	6°R51	7°23	21°15	5° 7	W13
T 14	3 33 23	21°49'32	29°16	16°42	6°52	19°11	29°41	3°11	20°40	1°29	23°22	6°51	7°20	21°22	5° 5	T 14
F 15	3 37 19	22°49'54	11♍ 9	18°19	8° 0	19°36	29°41	3° 8	20°39	1°31	23°21	6°49	7°16	21°28	5° 4	F 15
S 16	3 41 16	23°50'18	23°10	19°55	9° 8	20° 0	29°R41	3° 5	20°38	1°33	23°20	6°46	7°13	21°35	5° 2	S 16
S 17	3 45 13	24°50'44	5♎27	21°32	10°16	20°24	29°41	3° 2	20°37	1°35	23°19	6°39	7°10	21°42	5° 0	S 17
M18	3 49 9	25°51'11	18° 0	23° 8	11°23	20°48	29°41	2°59	20°36	1°37	23°17	6°30	7° 7	21°48	4°59	M18
T 19	3 53 6	26°51'41	0♏54	24°44	12°31	21°11	29°41	2°55	20°35	1°39	23°16	6°19	7° 4	21°55	4°57	T 19
W20	3 57 2	27°52'12	14° 8	26°20	13°38	21°35	29°40	2°52	20°34	1°41	23°15	6° 7	7° 1	22° 2	4°56	W20
T 21	4 0 59	28°52'45	27°41	27°55	14°45	21°57	29°39	2°48	20°32	1°43	23°14	5°55	6°57	22° 8	4°55	T 21
F 22	4 4 55	29°53'20	11♐30	29°30	15°52	22°20	29°38	2°44	20°31	1°46	23°13	5°45	6°54	22°15	4°53	F 22
S 23	4 8 52	0♐53'56	25°31	1♐ 5	16°59	22°42	29°37	2°41	20°30	1°48	23°12	5°37	6°51	22°22	4°52	S 23
S 24	4 12 48	1°54'33	9♑40	2°40	18° 6	23° 3	29°35	2°37	20°28	1°50	23°11	5°31	6°48	22°28	4°51	S 24
M25	4 16 45	2°55'11	23°52	4°15	19°12	23°25	29°34	2°33	20°27	1°52	23°10	5°29	6°45	22°35	4°50	M25
T 26	4 20 42	3°55'51	8♒ 4	5°49	20°19	23°45	29°32	2°29	20°25	1°54	23° 8	5°D28	6°42	22°42	4°49	T 26
W27	4 24 38	4°56'32	22°14	7°23	21°25	24° 6	29°30	2°25	20°24	1°55	23° 7	5°29	6°38	22°48	4°48	W27
T 28	4 28 35	5°57'13	6♓21	8°57	22°31	24°26	29°27	2°21	20°22	1°57	23° 6	5°R29	6°35	22°55	4°47	T 28
F 29	4 32 31	6°57'56	20°23	10°31	23°36	24°45	29°25	2°16	20°21	1°59	23° 5	5°28	6°32	23° 2	4°46	F 29
S 30	4 36 28	7♐58'40	4♈20	12♐ 5	24♑41	25♌ 5	29♋22	2♋12	20♋19	2♏ 1	23♉ 4	5♒25	6♒29	23♌ 8	4♈45	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s25	5s32	2n37	8s 8	1n50	25s35	2s24	18n17	1n33	20n26	0n10	22n12	1s10	22n15	0n26	10s15	1n40	4n 4	15s 2	18s11	18s15	13n49	4n51	2n54
S 2	14 44	0n52	3 36	8 47	1 46	25 41	2 26	18 10	1 34	20 26	0 10	22 12	1 10	22 15	0 26	10 16	1 40	4 4	15 2	18 12	18 16	13 46	4 50	2 53
S 3	15 3	7 12	4 21	9 26	1 41	25 46	2 29	18 3	1 36	20 25	0 10	22 12	1 10	22 15	0 26	10 17	1 40	4 4	15 2	18 14	18 17	13 43	4 49	2 53
M 4	15 22	13 8	4 49	10 5	1 36	25 51	2 31	17 57	1 37	20 25	0 10	22 12	1 10	22 15	0 26	10 18	1 40	4 3	15 3	18 17	18 18	13 40	4 48	2 53
T 5	15 40	18 18	5 0	10 44	1 30	25 55	2 32	17 50	1 39	20 25	0 10	22 12	1 10	22 15	0 26	10 18	1 40	4 3	15 3	18 20	18 18	13 38	4 47	2 53
W 6	15 58	22 26	4 53	11 23	1 25	25 59	2 34	17 43	1 40	20 24	0 10	22 12	1 10	22 15	0 26	10 19	1 40	4 3	15 3	18 23	18 19	13 35	4 46	2 53
T 7	16 16	25 14	4 30	12 2	1 19	26 1	2 36	17 36	1 42	20 24	0 10	22 12	1 10	22 15	0 26	10 20	1 40	4 2	15 3	18 26	18 20	13 32	4 45	2 53
F 8	16 34	26 36	3 53	12 40	1 13	26 3	2 38	17 30	1 43	20 24	0 11	22 12	1 10	22 15	0 26	10 21	1 40	4 2	15 3	18 29	18 21	13 29	4 44	2 52
S 9	16 51	26 31	3 5	13 18	1 6	26 5	2 39	17 23	1 45	20 24	0 11	22 12	1 10	22 15	0 26	10 21	1 40	4 2	15 3	18 31	18 22	13 26	4 43	2 52
S 10	17 8	25 4	2 10	13 55	1 0	26 5	2 41	17 17	1 47	20 24	0 11	22 13	1 10	22 16	0 26	10 22	1 40	4 2	15 3	18 32	18 22	13 23	4 42	2 52
M11	17 24	22 29	1 9	14 31	0 53	26 5	2 42	17 10	1 48	20 24	0 11	22 13	1 10	22 16	0 26	10 23	1 40	4 1	15 3	18 33	18 23	13 20	4 41	2 52
T 12	17 41	18 57	0 6	15 7	0 47	26 4	2 44	17 4	1 50	20 24	0 11	22 13	1 10	22 16	0 26	10 24	1 40	4 1	15 3	18 33	18 24	13 17	4 40	2 52
W13	17 57	14 42	0s56	15 43	0 40	26 3	2 45	16 57	1 51	20 24	0 11	22 13	1 10	22 16	0 26	10 24	1 40	4 1	15 3	18 33	18 25	13 14	4 39	2 51
T 14	18 13	9 54	1 56	16 17	0 33	26 0	2 46	16 51	1 53	20 24	0 12	22 13	1 10	22 16	0 26	10 25	1 40	4 1	15 3	18 33	18 26	13 11	4 38	2 51
F 15	18 28	4 44	2 52	16 51	0 26	25 58	2 47	16 45	1 55	20 24	0 12	22 13	1 10	22 16	0 26	10 26	1 40	4 0	15 3	18 33	18 27	13 8	4 38	2 51
S 16	18 43	0s40	3 40	17 24	0 20	25 54	2 48	16 39	1 56	20 24	0 12	22 13	1 10	22 17	0 26	10 26	1 40	4 0	15 3	18 34	18 27	13 5	4 37	2 51
S 17	18 58	6 8	4 19	17 56	0 13	25 50	2 48	16 33	1 58	20 24	0 12	22 13	1 10	22 17	0 26	10 27	1 40	4 0	15 3	18 36	18 28	13 2	4 36	2 51
M18	19 13	11 29	4 47	18 27	0 6	25 45	2 49	16 27	2 0	20 24	0 12	22 13	1 10	22 17	0 26	10 28	1 40	4 0	15 3	18 38	18 29	12 59	4 35	2 51
T 19	19 27	16 29	5 1	18 57	0s 1	25 39	2 50	16 21	2 1	20 24	0 12	22 13	1 10	22 17	0 27	10 29	1 40	3 59	15 2	18 41	18 30	12 57	4 35	2 50
W20	19 40	20 50	4 59	19 26	0 7	25 33	2 50	16 15	2 3	20 25	0 12	22 13	1 10	22 17	0 27	10 29	1 40	3 59	15 2	18 44	18 31	12 54	4 34	2 50
T 21	19 54	24 12	4 41	19 55	0 14	25 26	2 50	16 9	2 5	20 25	0 13	22 13	1 10	22 18	0 27	10 30	1 40	3 59	15 2	18 47	18 31	12 51	4 33	2 50
F 22	20 7	26 13	4 6	20 22	0 21	25 18	2 50	16 3	2 7	20 25	0 13	22 13	1 10	22 18	0 27	10 31	1 40	3 59	15 2	18 49	18 32	12 48	4 32	2 50
S 23	20 20	26 37	3 16	20 49	0 27	25 10	2 50	15 58	2 8	20 26	0 13	22 14	1 10	22 18	0 27	10 31	1 40	3 59	15 2	18 51	18 33	12 45	4 32	2 50
S 24	20 32	25 17	2 13	21 14	0 34	25 1	2 50	15 52	2 10	20 26	0 13	22 14	1 10	22 18	0 27	10 32	1 40	3 58	15 2	18 53	18 34	12 42	4 31	2 49
M25	20 44	22 20	1 2	21 38	0 40	24 51	2 50	15 47	2 12	20 27	0 13	22 14	1 10	22 19	0 27	10 33	1 40	3 58	15 2	18 53	18 35	12 39	4 30	2 49
T 26	20 55	18 1	0n14	22 2	0 46	24 41	2 50	15 42	2 14	20 27	0 13	22 14	1 10	22 19	0 27	10 33	1 40	3 58	15 2	18 53	18 35	12 36	4 30	2 49
W27	21 6	12 42	1 28	22 24	0 53	24 30	2 49	15 37	2 16	20 28	0 14	22 14	1 10	22 19	0 27	10 34	1 40	3 58	15 2	18 53	18 36	12 33	4 29	2 49
T 28	21 17	6 44	2 37	22 45	0 59	24 19	2 49	15 32	2 18	20 29	0 14	22 14	1 10	22 19	0 27	10 34	1 40	3 58	15 2	18 53	18 37	12 30	4 29	2 49
F 29	21 28	0 30	3 36	23 5	1 5	24 7	2 48	15 27	2 19	20 29	0 14	22 14	1 10	22 20	0 27	10 35	1 40	3 58	15 2	18 53	18 38	12 27	4 28	2 48
S 30	21s38	5n44	4n22	23s23	1s10	23s54	2s47	15n22	2n21	20n30	0n14	22n14	1s10	22n20	0n27	10s36	1n41	3n57	15s 2	18s54	18s39	12n24	4n27	2n48

Julian Day Number = 2495678.5, Delta T = 103.72 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'43, Lahiri = 25°32'43

ASTRODIENST EPHEMERIS for the year 2120
geocentric

DECEMBER 2120 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 24	8♐59'24	18♈10	13♐39	25♉47	25♌23	29°R19	2°R 8	20°R17	2♏ 3	23°R 3	5°R20	6♒26	23♌15	4°R44	S 1
M 2	4 44 21	10° 0'10	1♉52	15°13	26°51	25°42	29♋16	2♋ 4	20♋15	2° 5	23♉ 2	5♒12	6°22	23°21	4♈43	M 2
T 3	4 48 17	11° 0'57	15°24	16°46	27°56	25°59	29°13	1°59	20°14	2° 7	23° 1	5° 3	6°19	23°28	4°42	T 3
W 4	4 52 14	12° 1'45	28°44	18°20	29° 0	26°17	29°10	1°55	20°12	2° 9	23° 0	4°53	6°16	23°35	4°42	W 4
T 5	4 56 11	13° 2'34	11♊49	19°53	0♒ 4	26°34	29° 6	1°50	20°10	2°10	22°59	4°44	6°13	23°41	4°41	T 5
F 6	5 0 7	14° 3'24	24°38	21°27	1° 8	26°50	29° 2	1°46	20° 8	2°12	22°58	4°36	6°10	23°48	4°41	F 6
S 7	5 4 4	15° 4'15	7♋11	23° 0	2°12	27° 6	28°59	1°41	20° 6	2°14	22°57	4°30	6° 7	23°55	4°40	S 7
S 8	5 8 0	16° 5'08	19°29	24°34	3°15	27°21	28°54	1°36	20° 4	2°16	22°56	4°26	6° 3	24° 1	4°40	S 8
M 9	5 11 57	17° 6'01	1♌33	26° 7	4°18	27°36	28°50	1°32	20° 2	2°18	22°55	4°D25	6° 0	24° 8	4°39	M 9
T 10	5 15 53	18° 6'56	13°28	27°40	5°20	27°51	28°46	1°27	20° 0	2°19	22°54	4°25	5°57	24°15	4°39	T 10
W11	5 19 50	19° 7'52	25°17	29°14	6°22	28° 4	28°41	1°22	19°58	2°21	22°53	4°27	5°54	24°21	4°39	W11
T 12	5 23 46	20° 8'49	7♍ 5	0♉47	7°24	28°18	28°36	1°17	19°56	2°23	22°52	4°28	5°51	24°28	4°38	T 12
F 13	5 27 43	21° 9'47	18°57	2°20	8°25	28°30	28°31	1°13	19°53	2°24	22°51	4°R29	5°48	24°35	4°38	F 13
S 14	5 31 40	22°10'47	0♎58	3°53	9°27	28°42	28°26	1° 8	19°51	2°26	22°50	4°29	5°44	24°41	4°38	S 14
S 15	5 35 36	23°11'47	13°13	5°26	10°27	28°54	28°21	1° 3	19°49	2°27	22°49	4°27	5°41	24°48	4°38	S 15
M16	5 39 33	24°12'48	25°48	6°59	11°27	29° 5	28°15	0°58	19°47	2°29	22°48	4°23	5°38	24°55	4°D38	M16
T 17	5 43 29	25°13'51	8♏44	8°32	12°27	29°15	28° 9	0°53	19°45	2°30	22°47	4°17	5°35	25° 1	4°38	T 17
W18	5 47 26	26°14'54	22° 6	10° 4	13°27	29°25	28° 4	0°48	19°42	2°32	22°46	4°11	5°32	25° 8	4°38	W18
T 19	5 51 22	27°15'59	5♐51	11°36	14°26	29°34	27°58	0°43	19°40	2°33	22°45	4° 4	5°28	25°15	4°38	T 19
F 20	5 55 19	28°17'04	19°58	13° 8	15°24	29°42	27°51	0°38	19°38	2°35	22°44	3°58	5°25	25°21	4°38	F 20
S 21	5 59 15	29°18'10	4♑22	14°39	16°22	29°50	27°45	0°33	19°35	2°36	22°43	3°54	5°22	25°28	4°39	S 21
S 22	6 3 12	0♑19'16	18°57	16°10	17°20	29°57	27°39	0°28	19°33	2°38	22°42	3°51	5°19	25°35	4°39	S 22
M23	6 7 9	1°20'23	3♒37	17°40	18°17	0♍ 4	27°32	0°23	19°30	2°39	22°42	3°D51	5°16	25°41	4°39	M23
T 24	6 11 5	2°21'30	18°15	19° 9	19°13	0° 9	27°26	0°19	19°28	2°41	22°41	3°51	5°13	25°48	4°40	T 24
W25	6 15 2	3°22'38	2♓46	20°36	20° 9	0°14	27°19	0°14	19°26	2°42	22°40	3°53	5° 9	25°55	4°40	W25
T 26	6 18 58	4°23'45	17° 6	22° 3	21° 4	0°19	27°12	0° 9	19°23	2°43	22°39	3°54	5° 6	26° 1	4°41	T 26
F 27	6 22 55	5°24'52	1♈12	23°28	21°59	0°22	27° 5	0° 4	19°21	2°44	22°38	3°R55	5° 3	26° 8	4°41	F 27
S 28	6 26 51	6°26'00	15° 4	24°51	22°52	0°25	26°58	29♊59	19°18	2°46	22°38	3°55	5° 0	26°14	4°42	S 28
S 29	6 30 48	7°27'07	28°41	26°11	23°46	0°27	26°51	29°54	19°16	2°47	22°37	3°53	4°57	26°21	4°43	S 29
M30	6 34 45	8°28'15	12♉ 4	27°29	24°38	0°28	26°43	29°49	19°13	2°48	22°36	3°51	4°54	26°28	4°44	M30
T 31	6 38 41	9♉29'23	25♉12	28♉44	25♒30	0°R29	26♋36	29♊44	19♋10	2♏49	22♉35	3♒47	4♒50	26♌34	4♈44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s47	11n37	4n52	23s41	1s16	23s41	2s46	15n18	2n23	20n31	0n14	22n14	1s10	22n20	0n27	10s36	1n41	3n57	15s 2	18s55	18s39	12n21	4n27	2n48
M 2	21 56	16 53	5 5	23 57	1 21	23 28	2 44	15 14	2 25	20 32	0 14	22 15	1 10	22 20	0 27	10 37	1 41	3 57	15 1	18 57	18 40	12 18	4 26	2 48
T 3	22 5	21 14	5 1	24 12	1 27	23 13	2 43	15 9	2 27	20 32	0 15	22 15	1 10	22 21	0 27	10 38	1 41	3 57	15 1	19 0	18 41	12 15	4 26	2 47
W 4	22 13	24 25	4 40	24 26	1 32	22 59	2 41	15 5	2 29	20 33	0 15	22 15	1 10	22 21	0 27	10 38	1 41	3 57	15 1	19 2	18 42	12 12	4 25	2 47
T 5	22 21	26 14	4 5	24 39	1 36	22 43	2 40	15 1	2 31	20 34	0 15	22 15	1 10	22 21	0 27	10 39	1 41	3 57	15 1	19 4	18 42	12 9	4 25	2 47
F 6	22 28	26 36	3 18	24 50	1 41	22 28	2 38	14 58	2 33	20 35	0 15	22 15	1 10	22 22	0 27	10 39	1 41	3 57	15 1	19 6	18 43	12 6	4 25	2 47
S 7	22 35	25 35	2 22	25 0	1 46	22 11	2 36	14 54	2 35	20 36	0 15	22 15	1 10	22 22	0 27	10 40	1 41	3 57	15 1	19 7	18 44	12 3	4 24	2 47
S 8	22 42	23 20	1 20	25 8	1 50	21 55	2 34	14 51	2 37	20 37	0 15	22 15	1 10	22 22	0 27	10 40	1 41	3 56	15 1	19 8	18 45	12 0	4 24	2 46
M 9	22 48	20 3	0 15	25 16	1 54	21 37	2 31	14 47	2 39	20 38	0 16	22 15	1 10	22 23	0 27	10 41	1 41	3 56	15 0	19 9	18 46	11 57	4 23	2 46
T 10	22 54	15 59	0s49	25 22	1 57	21 20	2 29	14 44	2 41	20 39	0 16	22 15	1 10	22 23	0 27	10 42	1 41	3 56	15 0	19 9	18 46	11 54	4 23	2 46
W11	22 59	11 21	1 51	25 26	2 1	21 2	2 26	14 42	2 44	20 40	0 16	22 16	1 10	22 23	0 27	10 42	1 41	3 56	15 0	19 8	18 47	11 51	4 23	2 46
T 12	23 4	6 18	2 48	25 29	2 4	20 43	2 23	14 39	2 46	20 41	0 16	22 16	1 9	22 24	0 27	10 43	1 41	3 56	15 0	19 8	18 48	11 48	4 22	2 46
F 13	23 8	1 2	3 38	25 31	2 6	20 24	2 20	14 36	2 48	20 43	0 16	22 16	1 9	22 24	0 27	10 43	1 41	3 56	15 0	19 8	18 49	11 45	4 22	2 45
S 14	23 12	4s21	4 19	25 31	2 9	20 5	2 17	14 34	2 50	20 44	0 16	22 16	1 9	22 24	0 27	10 44	1 41	3 56	15 0	19 8	18 50	11 42	4 22	2 45
S 15	23 15	9 40	4 50	25 30	2 11	19 45	2 13	14 32	2 52	20 45	0 17	22 16	1 9	22 25	0 27	10 44	1 41	3 56	14 59	19 8	18 50	11 39	4 22	2 45
M16	23 18	14 43	5 7	25 27	2 13	19 25	2 10	14 30	2 54	20 46	0 17	22 16	1 9	22 25	0 27	10 45	1 41	3 56	14 59	19 9	18 51	11 36	4 21	2 45
T 17	23 20	19 17	5 10	25 23	2 14	19 4	2 6	14 29	2 57	20 48	0 17	22 16	1 9	22 25	0 27	10 45	1 41	3 56	14 59	19 11	18 52	11 33	4 21	2 44
W18	23 22	23 2	4 56	25 17	2 15	18 43	2 2	14 28	2 59	20 49	0 17	22 16	1 9	22 26	0 27	10 46	1 41	3 56	14 59	19 12	18 53	11 30	4 21	2 44
T 19	23 24	25 36	4 25	25 10	2 15	18 22	1 58	14 26	3 1	20 50	0 17	22 17	1 9	22 26	0 27	10 46	1 41	3 56	14 59	19 14	18 53	11 27	4 21	2 44
F 20	23 25	26 39	3 37	25 1	2 15	18 1	1 54	14 26	3 3	20 52	0 17	22 17	1 9	22 26	0 27	10 46	1 41	3 56	14 58	19 15	18 54	11 24	4 21	2 44
S 21	23 25	25 55	2 34	24 51	2 15	17 39	1 49	14 25	3 6	20 53	0 18	22 17	1 9	22 27	0 27	10 47	1 41	3 56	14 58	19 16	18 55	11 21	4 21	2 44
S 22	23 25	23 25	1 21	24 40	2 14	17 17	1 44	14 25	3 8	20 55	0 18	22 17	1 9	22 27	0 27	10 47	1 41	3 56	14 58	19 17	18 56	11 18	4 21	2 43
M23	23 25	19 21	0 1	24 26	2 12	16 55	1 39	14 24	3 10	20 56	0 18	22 17	1 8	22 27	0 27	10 48	1 42	3 56	14 58	19 17	18 56	11 15	4 21	2 43
T 24	23 24	14 6	1n18	24 12	2 10	16 32	1 34	14 25	3 12	20 57	0 18	22 17	1 8	22 28	0 27	10 48	1 42	3 56	14 58	19 17	18 57	11 12	4 21	2 43
W25	23 23	8 7	2 32	23 56	2 7	16 10	1 29	14 25	3 15	20 59	0 18	22 17	1 8	22 28	0 27	10 49	1 42	3 56	14 57	19 16	18 58	11 9	4 21	2 43
T 26	23 21	1 47	3 35	23 39	2 3	15 47	1 23	14 26	3 17	21 0	0 18	22 17	1 8	22 29	0 27	10 49	1 42	3 56	14 57	19 16	18 59	11 6	4 21	2 42
F 27	23 19	4n31	4 25	23 20	1 59	15 24	1 17	14 27	3 19	21 2	0 19	22 17	1 8	22 29	0 27	10 49	1 42	3 56	14 57	19 16	19 0	11 3	4 21	2 42
S 28	23 16	10 30	4 57	23 1	1 54	15 0	1 11	14 28	3 22	21 3	0 19	22 18	1 8	22 29	0 27	10 50	1 42	3 56	14 57	19 16	19 0	11 0	4 21	2 42
S 29	23 13	15 52	5 13	22 40	1 48	14 37	1 5	14 29	3 24	21 5	0 19	22 18	1 8	22 30	0 27	10 50	1 42	3 56	14 56	19 16	19 1	10 57	4 21	2 42
M30	23 9	20 22	5 11	22 18	1 41	14 13	0 59	14 31	3 26	21 7	0 19	22 18	1 8	22 30	0 27	10 50	1 42	3 56	14 56	19 17	19 2	10 54	4 21	2 42
T 31	23s 5	23n47	4n53	21s55	1s33	13s50	0s52	14n33	3n29	21n 8	0n19	22n18	1s 8	22n30	0n27	10s51	1n42	3n56	14s56	19s18	19s 3	10n51	4n21	2n41

Julian Day Number = 2495708.5, Delta T = 103.77 sec
Ecliptic obliquity = 23°25'30, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°25'47, Lahiri = 25°32'48