



Astrodienst Ephemeris Tables for the year 2071

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 EPHEMERIS for the year 2071

geocentric

JANUARY 2071

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 43 3	10°38'29	5°36	19°21	1°21	25°24	20°11	0°26	24°43	11°R51	2°28	11°R59	11°49	2°17	4°12	T 1
F 2	6 46 59	11°39'39	16°59	20°37	2°36	26°8	20°15	0°29	24°46	11°49	2°29	11°44	11°46	2°24	4°13	F 2
S 3	6 50 56	12°40'49	28°55	21°55	3°51	26°53	20°19	0°33	24°50	11°47	2°29	11°29	11°43	2°30	4°14	S 3
S 4	6 54 52	13°41'59	10°54	23°14	5°6	27°37	20°23	0°37	24°53	11°46	2°30	11°16	11°40	2°37	4°15	S 4
M 5	6 58 49	14°43'09	23°0	24°34	6°21	28°21	20°27	0°40	24°57	11°44	2°30	11°6	11°37	2°44	4°17	M 5
T 6	7 2 46	15°44'19	5°12	25°56	7°36	29°6	20°31	0°44	25°0	11°42	2°31	10°58	11°34	2°51	4°18	T 6
W 7	7 6 42	16°45'29	17°36	27°18	8°51	29°50	20°36	0°47	25°4	11°41	2°31	10°54	11°30	2°57	4°19	W 7
T 8	7 10 39	17°46'38	0°13	28°42	10°6	0°35	20°41	0°51	25°7	11°39	2°32	10°52	11°27	3°4	4°20	T 8
F 9	7 14 35	18°47'47	13°9	0°6	11°21	1°19	20°46	0°54	25°11	11°37	2°32	10°52	11°24	3°11	4°22	F 9
S 10	7 18 32	19°48'55	26°26	1°31	12°35	2°4	20°51	0°57	25°14	11°35	2°33	10°52	11°21	3°18	4°23	S 10
S 11	7 22 28	20°50'03	10°8	2°57	13°50	2°48	20°56	1°0	25°18	11°34	2°33	10°51	11°18	3°24	4°24	S 11
M 12	7 26 25	21°51'11	24°18	4°24	15°5	3°33	21°2	1°3	25°21	11°32	2°34	10°48	11°14	3°31	4°26	M 12
T 13	7 30 21	22°52'18	8°15	5°51	16°20	4°17	21°8	1°6	25°24	11°30	2°35	10°42	11°11	3°38	4°27	T 13
W 14	7 34 18	23°53'24	23°52	7°19	17°35	5°2	21°14	1°9	25°28	11°29	2°35	10°33	11°8	3°44	4°29	W 14
T 15	7 38 15	24°54'30	9°5	8°47	18°49	5°47	21°20	1°11	25°31	11°27	2°36	10°22	11°5	3°51	4°31	T 15
F 16	7 42 11	25°55'35	24°23	10°17	20°4	6°32	21°26	1°14	25°34	11°26	2°37	10°11	11°2	3°58	4°32	F 16
S 17	7 46 8	26°56'40	9°33	11°46	21°19	7°16	21°32	1°16	25°37	11°24	2°37	10°1	10°59	4°5	4°34	S 17
S 18	7 50 4	27°57'45	24°26	13°17	22°33	8°1	21°39	1°19	25°41	11°22	2°38	9°52	10°55	4°11	4°36	S 18
M 19	7 54 1	28°58'49	8°14	14°48	23°48	8°46	21°46	1°21	25°44	11°21	2°39	9°46	10°52	4°18	4°37	M 19
T 20	7 57 57	29°59'52	22°52	16°19	25°3	9°31	21°53	1°23	25°47	11°19	2°40	9°42	10°49	4°25	4°39	T 20
W 21	8 1 54	1°0'56	6°21	17°51	26°17	10°16	22°0	1°25	25°50	11°17	2°40	9°D41	10°46	4°31	4°41	W 21
T 22	8 5 50	2°1'59	19°21	19°24	27°32	11°1	22°7	1°27	25°53	11°16	2°41	9°41	10°43	4°38	4°43	T 22
F 23	8 9 47	3°3'01	1°15	20°57	28°46	11°46	22°14	1°29	25°56	11°14	2°42	9°R42	10°39	4°45	4°45	F 23
S 24	8 13 44	4°4'04	14°16	22°31	0°1	12°31	22°22	1°31	26°0	11°13	2°43	9°41	10°36	4°52	4°47	S 24
S 25	8 17 40	5°5'05	26°20	24°5	1°15	13°16	22°29	1°32	26°3	11°11	2°44	9°39	10°33	4°58	4°49	S 25
M 26	8 21 37	6°6'07	8°16	25°40	2°30	14°2	22°37	1°34	26°6	11°10	2°45	9°34	10°30	5°5	4°51	M 26
T 27	8 25 33	7°7'08	20°7	27°16	3°44	14°47	22°45	1°35	26°9	11°8	2°46	9°26	10°27	5°12	4°54	T 27
W 28	8 29 30	8°8'08	1°57	28°52	4°59	15°32	22°53	1°37	26°12	11°7	2°47	9°16	10°24	5°19	4°56	W 28
T 29	8 33 26	9°9'07	13°50	0°29	6°13	16°17	23°2	1°38	26°15	11°5	2°48	9°5	10°20	5°25	4°58	T 29
F 30	8 37 23	10°10'06	25°47	2°6	7°27	17°3	23°10	1°39	26°17	11°4	2°49	8°52	10°17	5°32	5°0	F 30
S 31	8 41 19	11°11'04	7°49	3°44	8°42	17°48	23°19	1°40	26°20	11°3	2°50	8°41	10°14	5°39	5°1	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	23s 0	18s23	4n57	21s44	1n16	21s19	1s31	23s50	0s29	6n42	1s17	9s21	2n25	23s27	0s7	21n58
F 2	22 55	17 25	4 58	21 58	1 8	21 3	1 32	23 52	0 30	6 43	1 17	9 22	2 25	23 27	0 7	21 58
S 3	22 49	15 42	4 46	22 12	0 59	20 47	1 33	23 54	0 30	6 45	1 17	9 23	2 25	23 27	0 7	21 59
S 4	22 43	13 18	4 21	22 24	0 51	20 30	1 33	23 55	0 31	6 47	1 16	9 25	2 25	23 27	0 7	21 59
M 5	22 37	10 19	3 44	22 36	0 43	20 12	1 34	23 57	0 32	6 49	1 16	9 26	2 26	23 27	0 7	21 59
T 6	22 30	6 52	2 56	22 48	0 34	19 53	1 35	23 58	0 32	6 51	1 16	9 27	2 26	23 27	0 7	21 59
W 7	22 23	3 4	2 0	22 58	0 26	19 34	1 35	23 59	0 33	6 53	1 15	9 27	2 26	23 28	0 7	21 59
T 8	22 15	0n57	0 56	23 7	0 18	19 15	1 36	23 59	0 33	6 55	1 15	9 28	2 26	23 28	0 7	21 59
F 9	22 7	5 0	0s12	23 16	0 10	18 55	1 37	23 59	0 34	6 57	1 15	9 29	2 27	23 28	0 7	22 0
S 10	21 58	8 56	1 21	23 23	0 2	18 34	1 37	23 59	0 35	6 59	1 15	9 30	2 27	23 28	0 7	22 0
S 11	21 49	12 30	2 28	23 29	0s5	18 13	1 37	23 59	0 35	7 1	1 14	9 31	2 27	23 28	0 7	22 0
M 12	21 39	15 28	3 28	23 34	0 13	17 51	1 38	23 59	0 36	7 4	1 14	9 32	2 27	23 28	0 7	22 0
T 13	21 29	17 33	4 16	23 38	0 20	17 29	1 38	23 58	0 36	7 6	1 14	9 32	2 28	23 28	0 7	22 0
W 14	21 19	18 29	4 49	23 41	0 27	17 7	1 38	23 57	0 37	7 9	1 13	9 33	2 28	23 28	0 7	22 0
T 15	21 8	18 7	5 1	23 42	0 34	16 44	1 38	23 56	0 38	7 11	1 13	9 34	2 28	23 29	0 8	22 0
F 16	20 57	16 26	4 52	23 43	0 41	16 20	1 38	23 54	0 38	7 14	1 13	9 35	2 28	23 29	0 8	22 1
S 17	20 46	13 38	4 22	23 42	0 48	15 56	1 38	23 52	0 39	7 16	1 13	9 35	2 29	23 29	0 8	22 1
S 18	20 34	9 59	3 35	23 40	0 54	15 32	1 38	23 50	0 39	7 19	1 12	9 36	2 29	23 29	0 8	22 1
M 19	20 21	5 49	2 36	23 36	1 0	15 7	1 37	23 48	0 40	7 22	1 12	9 36	2 29	23 29	0 8	22 1
T 20	20 8	1 29	1 28	23 32	1 6	14 41	1 37	23 46	0 41	7 25	1 12	9 37	2 29	23 29	0 8	22 1
W 21	19 55	2s47	0 18	23 25	1 12	14 16	1 37	23 43	0 41	7 27	1 11	9 37	2 30	23 29	0 8	22 1
T 22	19 42	6 47	0n51	23 18	1 17	13 50	1 36	23 40	0 42	7 30	1 11	9 38	2 30	23 29	0 8	22 2
F 23	19 28	10 20	1 56	23 9	1 23	13 23	1 36	23 37	0 42	7 33	1 11	9 38	2 30	23 30	0 8	22 2
S 24	19 14	13 21	2 53	22 59	1 28	12 57	1 35	23 33	0 43	7 36	1 11	9 38	2 31	23 30	0 8	22 2
S 25	18 59	15 44	3 42	22 48	1 32	12 30	1 34	23 29	0 44	7 40	1 10	9 39	2 31	23 30	0 8	22 2
M 26	18 44	17 24	4 20	22 35	1 37	12 2	1 34	23 25	0 44	7 43	1 10	9 39	2 31	23 30	0 8	22 2
T 27	18 29	18 18	4 47	22 21	1 41	11 34	1 33	23 21	0 45	7 46	1 10	9 39	2 31	23 30	0 8	22 2
W 28	18 13	18 24	5 1	22 5	1 45	11 6	1 32	23 16	0 45	7 49	1 10	9 39	2 32	23 30	0 8	22 2
T 29	17 57	17 42	5 2	21 48	1 48	10 38	1 31	23 12	0 46	7 52	1 9	9 40	2 32	23 30	0 8	22 3
F 30	17 41	16 13	4 50	21 30	1 52	10 9	1 30	23 6	0 46	7 56	1 9	9 40	2 32	23 30	0 8	22 3
S 31	17s25	14s 1	4n26	21s10	1s54	9s41	1s29	23s 1	0s47	7n59	1s 9	9s40	2n32	23s30	0s 8	22n 3

Julian Day Number = 2477477.5, Delta T = 81.36 sec

Ecliptic obliquity = 23°25'38", Nutation = 0°00'04", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 25°43'56", Lahiri = 24°50'57"

ASTRODIENST EPHEMERIS for the year 2071

geocentric

FEBRUARY 2071

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 45 16	12 ²² 00	19 ⁵⁵ 59	5 ²³ 23	9 ⁵⁶ 56	18 ³⁴ 34	23 ²⁷ 27	1 ⁴¹ 41	26 ²³ 23	11 ¹⁰ 10	2 ⁵¹ 51	8 ³⁰ 30	10 ¹¹ 11	5 ⁴⁵ 45	5 ⁵⁷ 57	S 1
M 2	8 49 13	13 ¹² 56	2 ¹⁶ 16	7 ³ 3	11 ¹⁰ 10	19 ¹⁹ 19	23 ³⁶ 36	1 ⁴² 42	26 ²⁶ 26	11 ⁰ 0	2 ⁵² 52	8 ²² 22	10 ⁸ 8	5 ⁵² 52	5 ⁷ 7	M 2
T 3	8 53 9	14 ¹³ 51	14 ⁴² 42	8 ⁴³ 43	12 ²⁴ 24	20 ⁴ 4	23 ⁴⁵ 45	1 ⁴² 42	26 ²⁹ 29	10 ⁵⁸ 58	2 ⁵³ 53	8 ¹⁷ 17	10 ⁵ 5	5 ⁵⁹ 59	5 ¹⁰ 10	T 3
W 4	8 57 6	15 ¹⁴ 44	27 ¹⁸ 18	10 ²⁴ 24	13 ³⁹ 39	20 ⁵⁰ 50	23 ⁵⁴ 54	1 ⁴³ 43	26 ³¹ 31	10 ⁵⁷ 57	2 ⁵⁴ 54	8 ¹⁴ 14	10 ¹ 1	6 ⁶ 6	5 ¹² 12	W 4
T 5	9 1 2	16 ¹⁵ 36	10 ⁶ 6	12 ⁶ 6	14 ⁵³ 53	21 ³⁵ 35	24 ⁴ 4	1 ⁴³ 43	26 ³⁴ 34	10 ⁵⁶ 56	2 ⁵⁵ 55	8 ¹³ 13	9 ⁵⁸ 58	6 ¹² 12	5 ¹⁵ 15	T 5
F 6	9 4 59	17 ¹⁶ 27	23 ⁹ 9	13 ⁴⁸ 48	16 ⁷ 7	22 ²¹ 21	24 ¹³ 13	1 ⁴⁴ 44	26 ³⁷ 37	10 ⁵⁴ 54	2 ⁵⁶ 56	8 ¹⁴ 14	9 ⁵⁵ 55	6 ¹⁹ 19	5 ¹⁸ 18	F 6
S 7	9 8 55	18 ¹⁷ 16	6 ²⁸ 28	15 ³¹ 31	17 ²¹ 21	23 ⁷ 7	24 ²³ 23	1 ⁴⁴ 44	26 ³⁹ 39	10 ⁵³ 53	2 ⁵⁷ 57	8 ¹⁵ 15	9 ⁵² 52	6 ²⁶ 26	5 ²⁰ 20	S 7
S 8	9 12 52	19 ¹⁸ 04	20 ⁵ 5	17 ¹⁵ 15	18 ³⁵ 35	23 ⁵² 52	24 ³² 32	1 ⁴⁴ 44	26 ⁴² 42	10 ⁵² 52	2 ⁵⁸ 58	8 ¹⁶ 16	9 ⁴⁹ 49	6 ³² 32	5 ²³ 23	S 8
M 9	9 16 48	20 ¹⁸ 51	4 ¹¹ 11	19 ⁰ 0	19 ⁴⁹ 49	24 ³⁸ 38	24 ⁴² 42	1 ⁴⁴ 44	26 ⁴⁴ 44	10 ⁵⁰ 50	2 ⁵⁹ 59	8 ¹⁵ 15	9 ⁴⁵ 45	6 ³⁹ 39	5 ²⁵ 25	M 9
T 10	9 20 45	21 ¹⁹ 36	18 ²² 22	20 ⁴⁵ 45	21 ³ 3	25 ²⁴ 24	24 ⁵² 52	1 ⁴⁴ 44	26 ⁴⁷ 47	10 ⁴⁹ 49	3 ⁰ 0	8 ¹² 12	9 ⁴² 42	6 ⁴⁶ 46	5 ²⁸ 28	T 10
W 11	9 24 42	22 ²⁰ 19	2 ⁵⁸ 58	22 ³¹ 31	22 ¹⁷ 17	26 ⁹ 9	25 ² 2	1 ⁴⁴ 44	26 ⁴⁹ 49	10 ⁴⁸ 48	3 ² 2	8 ⁷ 7	9 ³⁹ 39	6 ⁵³ 53	5 ³¹ 31	W 11
T 12	9 28 38	23 ²¹ 01	17 ⁴⁷ 47	24 ¹⁸ 18	23 ³⁰ 30	26 ⁵⁵ 55	25 ¹² 12	1 ⁴⁴ 44	26 ⁵² 52	10 ⁴⁷ 47	3 ³ 3	8 ¹ 1	9 ³⁶ 36	6 ⁵⁹ 59	5 ³⁴ 34	T 12
F 13	9 32 35	24 ²¹ 41	2 ⁴³ 43	26 ⁶ 6	24 ⁴⁴ 44	27 ⁴¹ 41	25 ²² 22	1 ⁴⁴ 44	26 ⁵⁴ 54	10 ⁴⁶ 46	3 ⁴ 4	7 ⁵⁴ 54	9 ³³ 33	7 ⁶ 6	5 ³⁷ 37	F 13
S 14	9 36 31	25 ²² 20	17 ³⁶ 36	27 ⁵⁵ 55	25 ⁵⁸ 58	28 ²⁷ 27	25 ³³ 33	1 ⁴³ 43	26 ⁵⁶ 56	10 ⁴⁵ 45	3 ⁵ 5	7 ⁴⁷ 47	9 ³⁰ 30	7 ¹³ 13	5 ³⁹ 39	S 14
S 15	9 40 28	26 ²² 57	2 ¹⁸ 18	29 ⁴⁴ 44	27 ¹¹ 11	29 ¹² 12	25 ⁴³ 43	1 ⁴² 42	26 ⁵⁹ 59	10 ⁴⁴ 44	3 ⁶ 6	7 ⁴¹ 41	9 ²⁶ 26	7 ²⁰ 20	5 ⁴² 42	S 15
M 16	9 44 24	27 ²³ 33	16 ⁴¹ 41	1 ³³ 33	28 ²⁵ 25	29 ⁵⁸ 58	25 ⁵⁴ 54	1 ⁴² 42	27 ¹ 1	10 ⁴² 42	3 ⁸ 8	7 ³⁸ 38	9 ²³ 23	7 ²⁶ 26	5 ⁴⁵ 45	M 16
T 17	9 48 21	28 ²⁴ 07	0 ⁴⁰ 40	3 ²⁴ 24	29 ³⁸ 38	0 ⁴⁴ 44	26 ⁴ 4	1 ⁴¹ 41	27 ³ 3	10 ⁴¹ 41	3 ⁹ 9	7 ³⁶ 36	9 ²⁰ 20	7 ³³ 33	5 ⁴⁸ 48	T 17
W 18	9 52 17	29 ²⁴ 41	14 ¹³ 13	5 ¹⁵ 15	0 ⁵² 52	1 ³⁰ 30	26 ¹⁵ 15	1 ⁴⁰ 40	27 ⁵ 5	10 ⁴⁰ 40	3 ¹⁰ 10	7 ³⁶ 36	9 ¹⁷ 17	7 ⁴⁰ 40	5 ⁵¹ 51	W 18
T 19	9 56 14	0 ²⁵ 12	27 ²⁰ 20	7 ⁶ 6	2 ⁵ 5	2 ¹⁶ 16	26 ²⁶ 26	1 ³⁹ 39	27 ⁷ 7	10 ³⁹ 39	3 ¹² 12	7 ³⁷ 37	9 ¹⁴ 14	7 ⁴⁶ 46	5 ⁵⁴ 54	T 19
F 20	10 0 11	1 ²⁵ 43	10 ⁴ 4	8 ⁵⁷ 57	3 ¹⁹ 19	3 ² 2	26 ³⁷ 37	1 ³⁸ 38	27 ¹⁰ 10	10 ³⁸ 38	3 ¹³ 13	7 ³⁹ 39	9 ¹¹ 11	7 ⁵³ 53	5 ⁵⁷ 57	F 20
S 21	10 4 7	2 ²⁶ 13	22 ²⁷ 27	10 ⁴⁹ 49	4 ³² 32	3 ⁴⁸ 48	26 ⁴⁸ 48	1 ³⁷ 37	27 ¹² 12	10 ³⁸ 38	3 ¹⁴ 14	7 ⁴⁰ 40	9 ⁷ 7	8 ⁰ 0	6 ⁰ 0	S 21
S 22	10 8 4	3 ²⁶ 41	4 ³⁶ 36	12 ⁴¹ 41	5 ⁴⁵ 45	4 ³⁴ 34	26 ⁵⁹ 59	1 ³⁶ 36	27 ¹⁴ 14	10 ³⁷ 37	3 ¹⁵ 15	7 ⁴¹ 41	9 ⁴ 4	8 ⁷ 7	6 ³ 3	S 22
M 23	10 12 0	4 ²⁷ 08	16 ³⁴ 34	14 ³² 32	6 ⁵⁸ 58	5 ²⁰ 20	27 ¹¹ 11	1 ³⁴ 34	27 ¹⁵ 15	10 ³⁶ 36	3 ¹⁷ 17	7 ⁴⁰ 40	9 ¹ 1	8 ¹³ 13	6 ⁶ 6	M 23
T 24	10 15 57	5 ²⁷ 33	28 ²⁶ 26	16 ²³ 23	8 ¹² 12	6 ⁶ 6	27 ²² 22	1 ³³ 33	27 ¹⁷ 17	10 ³⁵ 35	3 ¹⁸ 18	7 ³⁷ 37	8 ⁵⁸ 58	8 ²⁰ 20	6 ⁹ 9	T 24
W 25	10 19 53	6 ²⁷ 57	10 ¹⁷ 17	18 ¹³ 13	9 ²⁵ 25	6 ⁵² 52	27 ³⁴ 34	1 ³¹ 31	27 ¹⁹ 19	10 ³⁴ 34	3 ¹⁹ 19	7 ³⁴ 34	8 ⁵⁵ 55	8 ²⁷ 27	6 ¹³ 13	W 25
T 26	10 23 50	7 ²⁸ 20	22 ¹² 12	20 ² 2	10 ³⁸ 38	7 ³⁸ 38	27 ⁴⁵ 45	1 ²⁹ 29	27 ²¹ 21	10 ³³ 33	3 ²¹ 21	7 ²⁹ 29	8 ⁵¹ 51	8 ³⁴ 34	6 ¹⁶ 16	T 26
F 27	10 27 46	8 ²⁸ 41	4 ⁴³ 43	21 ⁵⁰ 50	11 ⁵¹ 51	8 ²⁵ 25	27 ⁵⁷ 57	1 ²⁸ 28	27 ²³ 23	10 ³³ 33	3 ²² 22	7 ²⁴ 24	8 ⁴⁸ 48	8 ⁴⁰ 40	6 ¹⁹ 19	F 27
S 28	10 31 43	9 ²⁹ 01	16 ⁴² 42	23 ³⁶ 36	13 ⁵⁷ 57	9 ⁴¹ 41	28 ⁹ 9	1 ²⁶ 26	27 ²⁵ 25	10 ³² 32	3 ²⁴ 24	7 ¹⁸ 18	8 ⁴⁵ 45	8 ⁴⁷ 47	6 ²² 22	S 28

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	17s 8	11s12	3n48	20s48	1s57	9s11	1s28	22s56	0s47	8n 3	1s 9	9s40	2n33	23s30	0s 8	22n 3
M 2	16 51	7 51	3 0	20 26	1 59	8 42	1 26	22 50	0 48	8 6	1 8	9 40	2 33	23 31	0 8	22 3
T 3	16 33	4 8	2 3	20 1	2 1	8 13	1 25	22 44	0 49	8 10	1 8	9 40	2 33	23 31	0 8	22 3
W 4	16 15	0 11	0 58	19 36	2 3	7 43	1 23	22 37	0 49	8 13	1 8	9 40	2 33	23 31	0 8	22 3
T 5	15 57	3n51	0s10	19 9	2 4	7 13	1 22	22 31	0 50	8 17	1 8	9 40	2 34	23 31	0 8	22 4
F 6	15 39	7 46	1 19	18 40	2 5	6 43	1 20	22 24	0 50	8 20	1 7	9 40	2 34	23 31	0 8	22 4
S 7	15 20	11 22	2 26	18 10	2 5	6 12	1 19	22 17	0 51	8 24	1 7	9 39	2 34	23 31	0 8	22 4
S 8	15 2	14 27	3 26	17 39	2 5	5 42	1 17	22 10	0 51	8 28	1 7	9 39	2 34	23 31	0 8	22 4
M 9	14 42	16 46	4 15	17 6	2 5	5 11	1 15	22 2	0 52	8 32	1 7	9 39	2 35	23 31	0 8	22 4
T 10	14 23	18 6	4 50	16 31	2 4	4 40	1 13	21 55	0 52	8 36	1 6	9 39	2 35	23 31	0 8	22 4
W 11	14 4	18 17	5 7	15 56	2 2	4 9	1 11	21 47	0 53	8 39	1 6	9 39	2 35	23 31	0 8	22 4
T 12	13 44	17 13	5 4	15 18	2 1	3 38	1 9	21 38	0 54	8 43	1 6	9 38	2 36	23 31	0 8	22 4
F 13	13 24	15 0	4 40	14 40	1 58	3 7	1 7	21 30	0 54	8 47	1 6	9 38	2 36	23 31	0 8	22 5
S 14	13 3	11 47	3 57	14 0	1 55	2 36	1 5	21 21	0 55	8 51	1 6	9 37	2 36	23 31	0 8	22 5
S 15	12 43	7 51	2 59	13 18	1 52	2 5	1 3	21 12	0 55	8 55	1 5	9 37	2 36	23 32	0 8	22 5
M 16	12 22	3 33	1 51	12 36	1 48	1 34	1 1	21 3	0 56	8 59	1 5	9 37	2 37	23 32	0 8	22 5
T 17	12 1	0s51	0 38	11 52	1 43	1 2	0 59	20 54	0 56	9 3	1 5	9 36	2 37	23 32	0 8	22 5
W 18	11 40	5 3	0n36	11 6	1 38	0 31	0 56	20 44	0 57	9 7	1 5	9 35	2 37	23 32	0 8	22 5
T 19	11 19	8 53	1 45	10 20	1 32	0n 1	0 54	20 34	0 57	9 12	1 5	9 35	2 37	23 32	0 8	22 5
F 20	10 58	12 10	2 48	9 32	1 26	0 32	0 51	20 24	0 58	9 16	1 4	9 34	2 38	23 32	0 8	22 5
S 21	10 36	14 50	3 40	8 43	1 19	1 3	0 49	20 14	0 58	9 20	1 4	9 34	2 38	23 32	0 8	22 6
S 22	10 14	16 45	4 22	7 54	1 11	1 35	0 46	20 4	0 59	9 24	1 4	9 33	2 38	23 32	0 8	22 6
M 23	9 52	17 55	4 51	7 3	1 3	2 6	0 43	19 53	0 59	9 28	1 4	9 32	2 38	23 32	0 8	22 6
T 24	9 30	18 17	5 8	6 12	0 54	2 38	0 41	19 42	1 0	9 33	1 4	9 32	2 39	23 32	0 8	22 6
W 25	9 8	17 51	5 12	5 20	0 45	3 9	0 38	19 31	1 0	9 37	1 3	9 31	2 39	23 32	0 8	22 6
T 26	8 46	16 38	5 2	4 28	0 34	3 40	0 35	19 20	1 1	9 41	1 3	9 30	2 39	23 32	0 8	22 6
F 27	8 23	14 41	4 39	3 36	0 24	4 11	0 32	19 8	1 1	9 46	1 3	9 29	2 39	23 32	0 8	22 6
S 28	8s 1	12s 3	4n 3	2s44	0s12	4n42	0s29	18s56	1s 2	9n50	1s 3	9s28	2n39	23s32	0s 8	22n 6

Julian Day Number = 2477508.5, Delta T = 81.39 sec
 Ecliptic obliquity = 23°25'39", Nutation = 0°00'05", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 25°44'00", Lahiri = 24°51'01"

ASTRODIENST EPHEMERIS for the year 2071

geocentric

MARCH 2071

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 35 40	10°19'18"	28°42'	25°19'	14°16'	9°57'	28°21'	1°24'	27°26'	10°31'	3°25'	7°14'	8°42'	8°54'	6°25'	S 1
M 2	10 39 36	11°29'35"	11°14'	27° 0'	15°29'	10°43'	28°33'	1°22'	27°28'	10°31'	3°26'	7°11'	8°39'	9° 0'	6°29'	M 2
T 3	10 43 33	12°29'49"	23°58'	28°37'	16°42'	11°29'	28°45'	1°20'	27°29'	10°30'	3°28'	7° 9'	8°36'	9° 7'	6°32'	T 3
W 4	10 47 29	13°30'02"	6°55'	0°11'	17°54'	12°16'	28°57'	1°17'	27°31'	10°29'	3°29'	7°D 8'	8°32'	9°14'	6°35'	W 4
T 5	10 51 26	14°30'12"	20° 4'	1°40'	19° 7'	13° 2'	29° 9'	1°15'	27°32'	10°29'	3°31'	7° 8'	8°29'	9°21'	6°38'	T 5
F 6	10 55 22	15°30'21"	3°26'	3° 4'	20°19'	13°48'	29°21'	1°12'	27°34'	10°28'	3°32'	7°10'	8°26'	9°27'	6°42'	F 6
S 7	10 59 19	16°30'28"	17° 0'	4°22'	21°32'	14°35'	29°34'	1°10'	27°35'	10°28'	3°33'	7°11'	8°23'	9°34'	6°45'	S 7
S 8	11 3 15	17°30'33"	0°46'	5°34'	22°44'	15°21'	29°46'	1° 7'	27°36'	10°27'	3°35'	7°12'	8°20'	9°41'	6°49'	S 8
M 9	11 7 12	18°30'35"	14°45'	6°40'	23°56'	16° 7'	29°59'	1° 5'	27°38'	10°27'	3°36'	7°13'	8°16'	9°47'	6°52'	M 9
T 10	11 11 8	19°30'36"	28°54'	7°38'	25° 8'	16°54'	0°11'	1° 2'	27°39'	10°26'	3°38'	7°13'	8°13'	9°54'	6°55'	T 10
W 11	11 15 5	20°30'34"	13°13'	8°29'	26°20'	17°40'	0°24'	0°59'	27°40'	10°26'	3°39'	7°12'	8°10'	10° 1'	6°59'	W 11
T 12	11 19 2	21°30'30"	27°38'	9°12'	27°32'	18°26'	0°36'	0°56'	27°41'	10°26'	3°41'	7°10'	8° 7'	10° 8'	7° 2'	T 12
F 13	11 22 58	22°30'24"	12° 5'	9°47'	28°44'	19°13'	0°49'	0°53'	27°42'	10°25'	3°42'	7° 8'	8° 4'	10°14'	7° 6'	F 13
S 14	11 26 55	23°30'15"	26°29'	10°13'	29°56'	19°59'	1° 2'	0°50'	27°43'	10°25'	3°44'	7° 6'	8° 1'	10°21'	7° 9'	S 14
S 15	11 30 51	24°30'05"	10°45'	10°30'	1° 8'	20°45'	1°15'	0°47'	27°44'	10°25'	3°45'	7° 5'	7°57'	10°28'	7°12'	S 15
M 16	11 34 48	25°29'52"	24°48'	10°39'	2°19'	21°32'	1°28'	0°43'	27°45'	10°25'	3°47'	7° 4'	7°54'	10°35'	7°16'	M 16
T 17	11 38 44	26°29'38"	8°33'	10°R39	3°31'	22°18'	1°41'	0°40'	27°46'	10°25'	3°48'	7°D 4'	7°51'	10°41'	7°19'	T 17
W 18	11 42 41	27°29'21"	21°59'	10°30'	4°42'	23° 5'	1°54'	0°37'	27°47'	10°24'	3°50'	7° 4'	7°48'	10°48'	7°23'	W 18
T 19	11 46 37	28°29'03"	5°14'	10°14'	5°54'	23°51'	2° 7'	0°33'	27°47'	10°24'	3°51'	7° 5'	7°45'	10°55'	7°26'	T 19
F 20	11 50 34	29°28'43"	17°49'	9°50'	7° 5'	24°38'	2°20'	0°30'	27°48'	10°24'	3°53'	7° 6'	7°42'	11° 1'	7°30'	F 20
S 21	11 54 31	0°28'21"	0°15'	9°20'	8°16'	25°24'	2°34'	0°26'	27°49'	10°D24	3°54'	7° 6'	7°38'	11° 8'	7°33'	S 21
S 22	11 58 27	1°27'58"	12°27'	8°43'	9°27'	26°11'	2°47'	0°22'	27°49'	10°24'	3°56'	7° 7'	7°35'	11°15'	7°37'	S 22
M 23	12 2 24	2°27'32"	24°28'	8° 1'	10°38'	26°57'	3° 0'	0°19'	27°50'	10°24'	3°57'	7° 7'	7°32'	11°22'	7°40'	M 23
T 24	12 6 20	3°27'05"	6°33'	7°15'	11°49'	27°44'	3°14'	0°15'	27°50'	10°24'	3°59'	7°R 7'	7°29'	11°28'	7°44'	T 24
W 25	12 10 17	4°26'37"	18°15'	6°25'	12°59'	28°30'	3°27'	0°11'	27°51'	10°24'	4° 0'	7° 7'	7°26'	11°35'	7°47'	W 25
T 26	12 14 13	5°26'06"	0°11'	5°33'	14°10'	29°17'	3°41'	0° 7'	27°51'	10°25'	4° 2'	7° 7'	7°22'	11°42'	7°51'	T 26
F 27	12 18 10	6°25'34"	12°14'	4°41'	15°20'	0°13'	3°54'	0° 3'	27°52'	10°25'	4° 3'	7° 7'	7°19'	11°48'	7°55'	F 27
S 28	12 22 6	7°25'00"	24°28'	3°48'	16°31'	0°50'	4° 8'	29°55'	27°52'	10°25'	4° 5'	7°D 7'	7°16'	11°55'	7°58'	S 28
S 29	12 26 3	8°24'24"	6°55'	2°56'	17°41'	1°36'	4°22'	29°55'	27°52'	10°25'	4° 6'	7° 7'	7°13'	12° 2'	8° 2'	S 29
M 30	12 30 0	9°23'46"	19°40'	2° 7'	18°51'	2°23'	4°35'	29°51'	27°52'	10°25'	4° 8'	7° 7'	7°10'	12° 9'	8° 5'	M 30
T 31	12 33 56	10°23'06"	2°41'	1°21'	20° 1'	3°10'	4°49'	29°47'	27°52'	10°26'	4° 9'	7°R 7'	7°14'	12°15'	8° 9'	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	7s38	8s52	3n15	1s52	0s 0	5n13	0s26	18s45	1s 2	9n54	1s 3	9s27	2n40	23s32	0s 8	22n 6
M 2	7 15	5 14	2 17	1 0	0n12	5 44	0 23	18 32	1 2	9 59	1 2	9 26	2 40	23 32	0 8	22 6
T 3	6 52	1 18	1 12	0 10	0 25	6 15	0 20	18 20	1 3	10 3	1 2	9 25	2 40	23 32	0 8	22 7
W 4	6 29	2n46	0 1	0n39	0 38	6 46	0 17	18 8	1 3	10 8	1 2	9 25	2 40	23 32	0 8	22 7
T 5	6 6	6 45	1s11	1 27	0 52	7 16	0 14	17 55	1 4	10 12	1 2	9 23	2 41	23 32	0 8	22 7
F 6	5 43	10 28	2 20	2 13	1 6	7 46	0 11	17 42	1 4	10 17	1 2	9 22	2 41	23 33	0 8	22 7
S 7	5 19	13 40	3 22	2 57	1 20	8 16	0 7	17 29	1 5	10 21	1 2	9 21	2 41	23 33	0 8	22 7
S 8	4 56	16 9	4 14	3 39	1 34	8 46	0 4	17 16	1 5	10 26	1 1	9 20	2 41	23 33	0 8	22 7
M 9	4 33	17 43	4 52	4 17	1 47	9 16	0 1	17 2	1 6	10 30	1 1	9 19	2 41	23 33	0 8	22 7
T 10	4 9	18 13	5 12	4 53	2 1	9 46	0n 3	16 49	1 6	10 35	1 1	9 18	2 42	23 33	0 8	22 7
W 11	3 46	17 34	5 14	5 25	2 14	10 15	0 6	16 35	1 6	10 39	1 1	9 17	2 42	23 33	0 8	22 7
T 12	3 22	15 47	4 56	5 53	2 27	10 44	0 9	16 21	1 7	10 44	1 1	9 16	2 42	23 33	0 8	22 7
F 13	2 58	13 1	4 19	6 18	2 39	11 13	0 13	16 7	1 7	10 48	1 1	9 14	2 42	23 33	0 8	22 7
S 14	2 35	9 27	3 26	6 38	2 50	11 42	0 16	15 53	1 8	10 53	1 0	9 13	2 42	23 33	0 8	22 7
S 15	2 11	5 22	2 21	6 55	3 0	12 10	0 20	15 39	1 8	10 58	1 0	9 12	2 43	23 33	0 8	22 7
M 16	1 47	1 2	1 7	7 6	3 9	12 38	0 23	15 24	1 8	11 2	1 0	9 11	2 43	23 33	0 8	22 7
T 17	1 24	3s16	0n 8	7 13	3 16	13 6	0 27	15 9	1 9	11 7	1 0	9 9	2 43	23 33	0 8	22 7
W 18	1 0	7 18	1 22	7 16	3 23	13 33	0 30	14 54	1 9	11 12	1 0	9 8	2 43	23 33	0 8	22 8
T 19	0 36	10 52	2 29	7 14	3 27	14 1	0 34	14 39	1 10	11 16	1 0	9 7	2 43	23 33	0 8	22 8
F 20	0 12	13 49	3 27	7 7	3 30	14 27	0 37	14 24	1 10	11 21	1 0	9 5	2 43	23 33	0 8	22 8
S 21	0n11	16 3	4 14	6 56	3 31	14 54	0 41	14 9	1 10	11 25	0 59	9 4	2 44	23 33	0 8	22 8
S 22	0 35	17 31	4 48	6 41	3 31	15 20	0 44	13 54	1 11	11 30	0 59	9 2	2 44	23 33	0 8	22 8
M 23	0 59	18 10	5 9	6 22	3 28	15 46	0 48	13 38	1 11	11 35	0 59	9 1	2 44	23 33	0 9	22 8
T 24	1 22	18 0	5 17	6 0	3 24	16 11	0 52	13 22	1 11	11 40	0 59	8 59	2 44	23 33	0 9	22 8
W 25	1 46	17 3	5 11	5 34	3 18	16 36	0 55	13 7	1 12	11 44	0 59	8 58	2 44	23 33	0 9	22 8
T 26	2 9	15 21	4 52	5 7	3 10	17 1	0 59	12 51	1 12	11 49	0 59	8 57	2 44	23 33	0 9	22 8
F 27	2 33	12 58	4 20	4 37	3 0	17 25	1 2	12 35	1 12	11 54	0 59	8 55	2 44	23 33	0 9	22 8
S 28	2 57	9 59	3 35	4 6	2 49	17 49	1 6	12 18	1 13	11 58	0 59	8 54	2 45	23 33	0 9	22 8
S 29	3 20	6 29	2 40	3 34	2 37	18 13	1 10	12 2	1 13	12 3	0 58	8 52	2 45	23 33	0 9	22 8
M 30	3 43	2 38	1 35	3 2	2 23	18 36	1 13	11 46	1 13	12 8	0 58	8 50	2 45	23 33	0 9	22 8
T 31	4n 7	1n27	0n25	2n31	2n 9	18n58	1n17	11s29	1s14	12n12	0s58	8s49	2n45	23s33	0s 9	22n 8

Julian Day Number = 2477536.5, Delta T = 81.42 sec
 Ecliptic obliquity = 23°25'39", Nutation = 0°00'04", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 25°44'04", Lahiri = 24°51'05"

ASTRODIENST EPHEMERIS for the year 2071

geocentric

APRIL 2071

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 37 53	11°22'24"	16°0'0"	0°R38	21°8'11"	3°56'	5°8'3	29°R42	27°52'	10°26'	4°11'	7°R 7	7°3	12°22'	8°12'	W 1
T 2	12 41 49	12°21'40"	29°34'	29°59'	22°21'	4°43'	5°17'	29°38'	27°R52	10°26'	4°12'	7°3	7°0	12°29'	8°16'	T 2
F 3	12 45 46	13°20'54"	13°23'	29°26'	23°31'	5°29'	5°30'	29°34'	27°52'	10°27'	4°14'	7°6	6°57	12°36'	8°19'	F 3
S 4	12 49 42	14°20'06"	27°23'	28°57'	24°40'	6°16'	5°44'	29°30'	27°52'	10°27'	4°15'	7°6	6°54	12°42'	8°23'	S 4
S 5	12 53 39	15°19'15"	11°31'	28°34'	25°50'	7°2	5°58'	29°25'	27°52'	10°28'	4°17'	7°5	6°51	12°49'	8°26'	S 5
M 6	12 57 35	16°18'23"	25°43'	28°16'	26°59'	7°49'	6°12'	29°21'	27°52'	10°28'	4°18'	7°4	6°48	12°56'	8°30'	M 6
T 7	13 1 32	17°17'28"	9°57'	28°4	28°8	8°35'	6°26'	29°16'	27°52'	10°29'	4°19'	7°3	6°44	13°2	8°33'	T 7
W 8	13 5 29	18°16'30"	24°10'	27°57'	29°17'	9°22'	6°40'	29°12'	27°51'	10°29'	4°21'	7°D 3	6°41	13°9	8°37'	W 8
T 9	13 9 25	19°15'31"	8°20'	27°D56	0°26'	10°8	6°54'	29°7	27°51'	10°30'	4°22'	7°4	6°38	13°16'	8°40'	T 9
F 10	13 13 22	20°14'29"	22°23'	28°0	1°35'	10°55'	7°8	29°3	27°51'	10°31'	4°24'	7°5	6°35	13°23'	8°44'	F 10
S 11	13 17 18	21°13'24"	6°20'	28°10'	2°43'	11°41'	7°22'	28°58'	27°50'	10°31'	4°25'	7°6	6°32	13°29'	8°47'	S 11
S 12	13 21 15	22°12'18"	20°6	28°24'	3°51'	12°28'	7°36'	28°54'	27°50'	10°32'	4°27'	7°7	6°28	13°36'	8°51'	S 12
M13	13 25 11	23°11'09"	3°42'	28°44'	5°0	13°14'	7°51'	28°49'	27°49'	10°33'	4°28'	7°R 7	6°25	13°43'	8°54'	M13
T 14	13 29 8	24°9'58"	17°4	29°8	6°8	14°1	8°5	28°45'	27°48'	10°34'	4°30'	7°7	6°22	13°49'	8°57'	T 14
W15	13 33 4	25°8'45"	0°13'	29°36'	7°16'	14°47'	8°19'	28°40'	27°48'	10°34'	4°31'	7°6	6°19	13°56'	9°1	W15
T 16	13 37 1	26°7'30"	13°6	0°9	8°23'	15°34'	8°33'	28°35'	27°47'	10°35'	4°32'	7°4	6°16	14°3	9°4	T 16
F 17	13 40 57	27°6'14"	25°43'	0°46'	9°31'	16°20'	8°47'	28°31'	27°46'	10°36'	4°34'	7°1	6°13	14°10'	9°8	F 17
S 18	13 44 54	28°4'55"	8°7	1°27'	10°38'	17°7	9°2	28°26'	27°46'	10°37'	4°35'	6°58	6°9	14°16'	9°11	S 18
S 19	13 48 51	29°3'35"	20°18'	2°11'	11°45'	17°53'	9°16'	28°22'	27°45'	10°38'	4°37'	6°55	6°6	14°23'	9°14	S 19
M20	13 52 47	0°2'13"	2°30'	2°59'	12°52'	18°40'	9°30'	28°17'	27°44'	10°39'	4°38'	6°52	6°3	14°30'	9°18	M20
T 21	13 56 44	1°0'49"	14°15'	3°50'	13°59'	19°26'	9°44'	28°12'	27°43'	10°40'	4°39'	6°49	6°0	14°37'	9°21	T 21
W22	14 0 40	1°59'24"	26°7	4°44'	15°6	20°12'	9°59'	28°8	27°42'	10°41'	4°41'	6°48	5°57	14°43'	9°25	W22
T 23	14 4 37	2°57'57"	8°3	5°42'	16°12'	20°59'	10°13'	28°3	27°41'	10°42'	4°42'	6°D48	5°53	14°50'	9°28	T 23
F 24	14 8 33	3°56'29"	20°5	6°42'	17°19'	21°45'	10°27'	27°59'	27°40'	10°43'	4°43'	6°49	5°50	14°57'	9°31	F 24
S 25	14 12 30	4°54'58"	2°19'	7°45'	18°25'	22°32'	10°42'	27°54'	27°39'	10°44'	4°45'	6°51	5°47	15°3	9°34	S 25
S 26	14 16 26	5°53'26"	14°49'	8°51'	19°30'	23°18'	10°56'	27°50'	27°37'	10°45'	4°46'	6°52	5°44	15°10'	9°38	S 26
M27	14 20 23	6°51'53"	27°40'	9°59'	20°36'	24°4	11°10'	27°45'	27°36'	10°46'	4°47'	6°54	5°41	15°17'	9°41	M27
T 28	14 24 20	7°50'17"	10°52'	11°10'	21°41'	24°50'	11°25'	27°41'	27°35'	10°48'	4°49'	6°R54	5°38	15°24'	9°44	T 28
W29	14 28 16	8°48'40"	24°27'	12°24'	22°47'	25°37'	11°39'	27°36'	27°34'	10°49'	4°50'	6°53	5°34	15°30'	9°47	W29
T 30	14 32 13	9°47'02"	8°24'	13°39'	23°52'	26°43'	11°53'	27°32'	27°32'	10°50'	4°51'	6°50	5°31	15°37'	9°50	T 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	4n30	5n32	0s49	2n 0	1n54	19n20	1n20	11s13	1s14	12n17	0s58	8s47	2n45	23s33	0s 9	22n 8
T 2	4 53	9 25	2 1	1 30	1 38	19 42	1 24	10 56	1 14	12 22	0 58	8 46	2 45	23 33	0 9	22 8
F 3	5 16	12 52	3 8	1 2	1 23	20 3	1 27	10 39	1 14	12 27	0 58	8 44	2 45	23 33	0 9	22 8
S 4	5 39	15 36	4 4	0 36	1 7	20 24	1 31	10 22	1 15	12 31	0 58	8 43	2 45	23 33	0 9	22 8
S 5	6 2	17 26	4 46	0 12	0 51	20 44	1 34	10 5	1 15	12 36	0 58	8 41	2 45	23 33	0 9	22 8
M 6	6 25	18 11	5 10	0s 9	0 35	21 3	1 38	9 48	1 15	12 41	0 58	8 39	2 45	23 33	0 9	22 8
T 7	6 47	17 48	5 16	0 49	0 19	21 22	1 41	9 31	1 16	12 45	0 57	8 38	2 45	23 33	0 9	22 8
W 8	7 10	16 18	5 3	0 45	0 4	21 41	1 44	9 13	1 16	12 50	0 57	8 36	2 46	23 33	0 9	22 8
T 9	7 32	13 49	4 31	0 59	0s11	21 59	1 48	8 56	1 16	12 55	0 57	8 34	2 46	23 33	0 9	22 8
F 10	7 54	10 32	3 43	1 10	0 25	22 17	1 51	8 39	1 16	12 59	0 57	8 33	2 46	23 33	0 9	22 8
S 11	8 17	6 40	2 42	1 19	0 39	22 34	1 54	8 21	1 16	13 4	0 57	8 31	2 46	23 33	0 9	22 8
S 12	8 39	2 30	1 33	1 25	0 52	22 50	1 57	8 4	1 17	13 9	0 57	8 30	2 46	23 33	0 9	22 8
M13	9 0	1s46	0 19	1 29	0 4	23 6	2 1	7 46	1 17	13 13	0 57	8 28	2 46	23 33	0 9	22 8
T 14	9 22	5 52	0n55	1 30	1 16	23 21	2 4	7 28	1 17	13 18	0 57	8 26	2 46	23 33	0 9	22 8
W15	9 44	9 36	2 4	1 29	1 27	23 36	2 7	7 11	1 17	13 23	0 57	8 25	2 46	23 33	0 9	22 8
T 16	10 5	12 49	3 6	1 26	1 37	23 50	2 10	6 53	1 17	13 27	0 57	8 23	2 46	23 33	0 9	22 8
F 17	10 26	15 21	3 57	1 20	1 47	24 3	2 13	6 35	1 18	13 32	0 56	8 21	2 46	23 33	0 9	22 8
S 18	10 47	17 7	4 36	1 12	1 56	24 16	2 16	6 17	1 18	13 36	0 56	8 20	2 46	23 33	0 9	22 8
S 19	11 8	18 4	5 1	1 2	2 4	24 28	2 19	5 59	1 18	13 41	0 56	8 18	2 46	23 33	0 9	22 8
M20	11 29	18 11	5 13	0 50	2 12	24 40	2 21	5 41	1 18	13 46	0 56	8 17	2 46	23 33	0 9	22 8
T 21	11 49	17 30	5 12	0 36	2 19	24 51	2 24	5 23	1 18	13 50	0 56	8 15	2 46	23 33	0 9	22 8
W22	12 10	16 3	4 57	0 21	2 25	25 2	2 27	5 5	1 18	13 55	0 56	8 13	2 46	23 33	0 9	22 8
T 23	12 30	13 55	4 29	0 3	2 31	25 11	2 29	4 47	1 18	13 59	0 56	8 12	2 46	23 33	0 9	22 8
F 24	12 50	11 9	3 49	0n16	2 36	25 21	2 32	4 28	1 19	14 4	0 56	8 10	2 46	23 33	0 9	22 8
S 25	13 9	7 52	2 58	0 37	2 40	25 29	2 34	4 10	1 19	14 8	0 56	8 9	2 46	23 33	0 9	22 7
S 26	13 29	4 10	1 58	1 0	2 44	25 37	2 37	3 52	1 19	14 13	0 56	8 7	2 46	23 33	0 9	22 7
M27	13 48	0 10	0 50	1 24	2 47	25 44	2 39	3 34	1 19	14 17	0 56	8 5	2 46	23 33	0 9	22 7
T 28	14 7	3n58	0s22	1 49	2 50	25 51	2 41	3 15	1 19	14 22	0 56	8 4	2 46	23 33	0 9	22 7
W29	14 26	8 0	1 35	2 16	2 51	25 57	2 43	2 57	1 19	14 26	0 56	8 2	2 45	23 33	0 9	22 7
T 30	14n44	11n43	2s44	2n44	2s53	26n 2	2n45	2s39	1s19	14n31	0s56	8s 1	2n45	23s33	0s 9	22n 7

Julian Day Number = 2477567.5, Delta T = 81.45 sec

Ecliptic obliquity = 23°25'39", Nutation = 0°00'02", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 25°44'08", Lahiri = 24°51'09"

ASTRODIENST EPHEMERIS for the year 2071

geocentric

MAY 2071

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 36 9	10°34'52"	22°34'40"	14°57'57"	24°11'56"	27°11'9"	12°8'8"	27°11'27"	27°11'31"	10°51'51"	4°53'53"	6°11'46"	5°28'28"	15°34'44"	9°54'54"	F 1
S 2	14 40 6	11°43'39"	7°11'8"	16°17'16"	26°1'26"	27°55'55"	12°22'22"	27°11'23"	27°11'30"	10°53'53"	4°54'54"	6°11'41"	5°25'25"	15°50'50"	9°57'57"	S 2
S 3	14 44 2	12°41'55"	21°44'44"	17°39'39"	27°5'27"	28°42'42"	12°36'36"	27°18'18"	27°28'28"	10°54'54"	4°55'55"	6°36'36"	5°22'22"	15°57'57"	10°0'0"	S 3
M 4	14 47 59	13°40'09"	6°59'19"	19°4'4	28°9'28"	29°28'28"	12°51'51"	27°14'14"	27°27'27"	10°55'55"	4°56'56"	6°31'31"	5°19'19"	16°4'4"	10°3'3"	M 4
T 5	14 51 55	14°38'21"	20°49'49"	20°30'30"	29°13'13"	0°14'14"	13°5'5"	27°10'10"	27°25'25"	10°57'57"	4°57'57"	6°27'27"	5°15'15"	16°11'11"	10°6'6"	T 5
W 6	14 55 52	15°36'31"	5°12'8"	21°59'59"	0°16'16"	1°0'0"	13°19'19"	27°6'6"	27°23'23"	10°58'58"	4°59'59"	6°25'25"	5°12'12"	16°17'17"	10°9'9"	W 6
T 7	14 59 49	16°34'39"	19°15'15"	23°29'29"	1°19'19"	1°46'46"	13°34'34"	27°1'1"	27°22'22"	11°0'0"	5°0'0"	6°25'25"	5°9'9"	16°24'24"	10°12'12"	T 7
F 8	15 3 45	17°32'45"	3°17'7"	25°2'2"	2°22'22"	2°32'32"	13°48'48"	26°57'57"	27°20'20"	11°1'1"	5°1'1"	6°25'25"	5°6'6"	16°31'31"	10°15'15"	F 8
S 9	15 7 42	18°30'49"	16°44'44"	26°36'36"	3°25'25"	3°18'18"	14°2'2"	26°53'53"	27°18'18"	11°2'2"	5°2'2"	6°27'27"	5°3'3"	16°38'38"	10°18'18"	S 9
S 10	15 11 38	19°28'51"	0°11'8"	28°13'13"	4°27'27"	4°4'4"	14°17'17"	26°49'49"	27°17'17"	11°4'4"	5°3'3"	6°28'28"	4°59'59"	16°44'44"	10°21'21"	S 10
M 11	15 15 35	20°26'51"	13°19'19"	29°51'51"	5°29'29"	4°50'50"	14°31'31"	26°45'45"	27°15'15"	11°6'6"	5°4'4"	6°28'28"	4°56'56"	16°51'51"	10°24'24"	M 11
T 12	15 19 31	21°24'49"	26°18'18"	1°32'32"	6°30'30"	5°36'36"	14°45'45"	26°41'41"	27°13'13"	11°7'7"	5°6'6"	6°26'26"	4°53'53"	16°58'58"	10°26'26"	T 12
W 13	15 23 28	22°22'46"	9°11'6"	3°14'14"	7°31'31"	6°22'22"	15°0'0"	26°37'37"	27°11'11"	11°9'9"	5°7'7"	6°22'22"	4°50'50"	17°4'4"	10°29'29"	W 13
T 14	15 27 24	23°20'41"	21°42'42"	4°58'58"	8°32'32"	7°8'8"	15°14'14"	26°33'33"	27°9'9"	11°10'10"	5°8'8"	6°16'16"	4°47'47"	17°11'11"	10°32'32"	T 14
F 15	15 31 21	24°18'35"	4°18'8"	6°45'45"	9°33'33"	7°54'54"	15°28'28"	26°29'29"	27°8'8"	11°12'12"	5°9'9"	6°8'8"	4°44'44"	17°18'18"	10°35'35"	F 15
S 16	15 35 18	25°16'27"	16°23'23"	8°33'33"	10°33'33"	8°39'39"	15°42'42"	26°26'26"	27°6'6"	11°14'14"	5°10'10"	5°9'9"	4°40'40"	17°25'25"	10°38'38"	S 16
S 17	15 39 14	26°14'18"	28°29'29"	10°24'24"	11°33'33"	9°25'25"	15°56'56"	26°22'22"	27°4'4"	11°15'15"	5°11'11"	5°50'50"	4°37'37"	17°31'31"	10°40'40"	S 17
M 18	15 43 11	27°12'07"	10°32'28"	12°16'16"	12°32'32"	10°11'11"	16°11'11"	26°18'18"	27°2'2"	11°17'17"	5°12'12"	5°41'41"	4°34'34"	17°38'38"	10°43'43"	M 18
T 19	15 47 7	28°9'55"	22°21'11"	14°11'11"	13°31'31"	10°57'57"	16°25'25"	26°15'15"	27°0'0"	11°19'19"	5°13'13"	5°34'34"	4°31'31"	17°45'45"	10°45'45"	T 19
W 20	15 51 4	29°7'42"	4°11'16"	16°7'7"	14°30'30"	11°42'42"	16°39'39"	26°11'11"	26°58'58"	11°20'20"	5°14'14"	5°29'29"	4°28'28"	17°51'51"	10°48'48"	W 20
T 21	15 55 0	0°11'52"	16°7'7"	18°5'5"	15°28'28"	12°28'28"	16°53'53"	26°8'8"	26°55'55"	11°22'22"	5°15'15"	5°26'26"	4°25'25"	17°58'58"	10°51'51"	T 21
F 22	15 58 57	1°3'13"	28°7'7"	20°5'5"	16°26'26"	13°13'13"	17°7'7"	26°4'4"	26°53'53"	11°24'24"	5°16'16"	5°D25'25"	4°21'21"	18°5'5"	10°53'53"	F 22
S 23	16 2 53	2°0'56"	10°11'19"	22°7'7"	17°23'23"	13°59'59"	17°21'21"	26°1'1"	26°51'51"	11°26'26"	5°17'17"	5°25'25"	4°18'18"	18°12'12"	10°56'56"	S 23
S 24	16 6 50	2°58'39"	22°47'47"	24°11'11"	18°20'20"	14°44'44"	17°35'35"	25°58'58"	26°49'49"	11°28'28"	5°18'18"	5°26'26"	4°15'15"	18°18'18"	10°58'58"	S 24
M 25	16 10 47	3°56'20"	5°13'37"	26°16'16"	19°16'16"	15°30'30"	17°49'49"	25°55'55"	26°47'47"	11°29'29"	5°18'18"	5°R26'26"	4°12'12"	18°25'25"	11°1'1"	M 25
T 26	16 14 43	4°54'01"	18°52'52"	28°23'23"	20°12'12"	16°15'15"	18°3'3"	25°52'52"	26°45'45"	11°31'31"	5°19'19"	5°25'25"	4°9'9"	18°32'32"	11°3'3"	T 26
W 27	16 18 40	5°51'40"	2°34'34"	0°11'32"	21°7'7"	17°1'1"	18°17'17"	25°49'49"	26°42'42"	11°33'33"	5°20'20"	5°22'22"	4°5'5"	18°38'38"	11°5'5"	W 27
T 28	16 22 36	6°49'19"	16°43'43"	2°41'41"	22°2'2"	17°46'46"	18°31'31"	25°46'46"	26°40'40"	11°35'35"	5°21'21"	5°17'17"	4°2'2"	18°45'45"	11°8'8"	T 28
F 29	16 26 33	7°46'56"	1°11'17"	4°51'51"	22°56'56"	18°31'31"	18°45'45"	25°43'43"	26°38'38"	11°37'37"	5°22'22"	5°10'10"	3°59'59"	18°52'52"	11°10'10"	F 29
S 30	16 30 29	8°44'32"	16°8'8"	7°3'3"	23°50'50"	19°16'16"	18°59'59"	25°40'40"	26°36'36"	11°39'39"	5°23'23"	5°1'1"	3°56'56"	18°59'59"	11°12'12"	S 30
S 31	16 34 26	9°11'42'08"	1°11'8"	9°11'15"	24°54'43"	20°11'2"	19°13'13"	25°38'38"	26°13'33"	11°41'41"	5°23'23"	4°51'51"	3°53'53"	19°3'3"	11°14'14"	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	15n 3	14n49	3s44	3n13	2s53	26n 7	2n47	2s20	1s19	14n35	0s55	7s59	2n45	23s33	0s 9	F 1
S 2	15 21	17 2	4 31	3 44	2 53	26 11	2 49	2 2	1 19	14 40	0 55	7 58	2 45	23 33	0 9	S 2
S 3	15 38	18 10	5 0	4 16	2 53	26 14	2 51	1 44	1 19	14 44	0 55	7 56	2 45	23 33	0 9	S 3
M 4	15 56	18 6	5 11	4 49	2 52	26 17	2 52	1 26	1 19	14 48	0 55	7 55	2 45	23 33	0 9	M 4
T 5	16 13	16 51	5 1	5 23	2 50	26 19	2 54	1 7	1 19	14 53	0 55	7 53	2 45	23 33	0 9	T 5
W 6	16 30	14 34	4 33	5 58	2 48	26 21	2 55	0 49	1 19	14 57	0 55	7 52	2 45	23 33	0 9	W 6
T 7	16 47	11 26	3 48	6 34	2 45	26 22	2 57	0 31	1 19	15 1	0 55	7 51	2 45	23 33	0 9	T 7
F 8	17 4	7 42	2 51	7 11	2 42	26 22	2 58	0 12	1 19	15 6	0 55	7 49	2 45	23 33	0 9	F 8
S 9	17 20	3 37	1 45	7 48	2 38	26 22	2 59	0n 6	1 19	15 10	0 55	7 48	2 45	23 33	0 9	S 9
S 10	17 36	0s35	0 34	8 27	2 33	26 21	3 0	0 24	1 19	15 14	0 55	7 47	2 44	23 33	0 9	S 10
M 11	17 51	4 41	0n37	9 6	2 28	26 19	3 1	0 42	1 19	15 19	0 55	7 45	2 44	23 33	0 9	M 11
T 12	18 6	8 31	1 45	9 46	2 23	26 17	3 1	1 1	1 19	15 23	0 55	7 44	2 44	23 33	0 9	T 12
W 13	18 21	11 53	2 47	10 27	2 17	26 15	3 2	1 19	1 19	15 27	0 55	7 43	2 44	23 33	0 9	W 13
T 14	18 36	14 39	3 39	11 8	2 10	26 11	3 2	1 37	1 19	15 31	0 55	7 41	2 44	23 33	0 9	T 14
F 15	18 50	16 42	4 20	11 49	2 3	26 7	3 3	1 55	1 19	15 35	0 55	7 40	2 44	23 33	0 9	F 15
S 16	19 4	17 57	4 49	12 31	1 56	26 3	3 3	2 13	1 19	15 40	0 55	7 39	2 44	23 33	0 9	S 16
S 17	19 18	18 21	5 4	13 13	1 48	25 58	3 3	2 31	1 19	15 44	0 55	7 38	2 43	23 33	0 9	S 17
M 18	19 31	17 57	5 5	13 56	1 39	25 52	3 3	2 49	1 19	15 48	0 55	7 37	2 43	23 33	0 9	M 18
T 19	19 45	16 45	4 53	14 38	1 31	25 46	3 3	3 7	1 19	15 52	0 55	7 35	2 43	23 33	0 9	T 19
W 20	19 57	14 50	4 29	15 21	1 22	25 40	3 2	3 25	1 18	15 56	0 55	7 34	2 43	23 33	0 9	W 20
T 21	20 10	12 18	3 53	16 3	1 12	25 32	3 2	3 43	1 18	16 0	0 55	7 33	2 43	23 33	0 9	T 21
F 22	20 22	9 12	3 6	16 45	1 2	25 25	3 1	4 1	1 18	16 4	0 55	7 32	2 43	23 33	0 9	F 22
S 23	20 33	5 41	2 10	17 27	0 52	25 17	3 0	4 19	1 18	16 8	0 55	7 31	2 42	23 33	0 9	S 23
S 24	20 45	1 50	1 7	18 8	0 42	25 8	2 59	4 36	1 18	16 12	0 55	7 30	2 42	23 33	0 10	S 24
M 25	20 56	2n13	0s 1	18 48	0 32	24 59	2 58	4 54	1 18	16 16	0 55	7 29	2 42	23 33	0 10	M 25
T 26	21 6	6 17	1 11	19 27	0 21	24 49	2 57	5 12	1 18	16 20	0 55	7 28	2 42	23 33	0 10	T 26
W 27	21 16	10 10	2 20	20 5	0 11	24 39	2 55	5 29	1 17	16 24	0 55	7 27	2 42	23 33	0 10	W 27
T 28	21 26	13 36	3 22	20 41	0n 0	24 29	2 53	5 47	1 17	16 27	0 55	7 27	2 41	23 33	0 10	T 28
F 29	21 36	16 17	4 12	21 16	0 11	24 18	2 51	6 4	1 17	16 31	0 55	7 26	2 41	23 33	0 10	F 29
S 30	21 45	17 57	4 47	21 49	0 21	24 6	2 49	6 21	1 17	16 35	0 54	7 25	2 41	23 33	0 10	S 30
S 31	21n54	18n23	5s 2	22n20	0n31	23n55	2n47	6n39	1s17	16n39	0s54	7s24	2n41	23s33	0s10	S 31

Julian Day Number = 2477597.5, Delta T = 81.48 sec
 Ecliptic obliquity = 23°25'39", Nutation = 0°00'00", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 25°44'13", Lahiri = 24°51'13"

ASTRODIENST EPHEMERIS for the year 2071

geocentric

JUNE 2071

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 38 22	10II39'41	16☾ 7	11II27	25☾35	20☿47	19♂27	25°R35	26°R31	11☾43	5☿24	4°R42	3♂50	19☾12	11☿16	M 1
T 2	16 42 19	11°37'14	0♂58	13°39	26°27	21°32	19°41	25♂33	26♂29	11°45	5°25	4♂35	3°46	19°19	11°18	T 2
W 3	16 46 16	12°34'45	15°32	15°50	27°18	22°17	19°54	25°30	26°26	11°47	5°26	4°30	3°43	19°25	11°20	W 3
T 4	16 50 12	13°32'15	29°46	18° 2	28° 9	23° 2	20° 8	25°28	26°24	11°49	5°26	4°28	3°40	19°32	11°23	T 4
F 5	16 54 9	14°29'44	13♂37	20°12	28°58	23°47	20°22	25°26	26°22	11°51	5°27	4°D27	3°37	19°39	11°24	F 5
S 6	16 58 5	15°27'11	27° 8	22°21	29°47	24°32	20°35	25°23	26°19	11°53	5°28	4°R27	3°34	19°46	11°26	S 6
S 7	17 2 2	16°24'37	10♂20	24°29	0♂36	25°17	20°49	25°21	26°17	11°55	5°28	4°27	3°31	19°52	11°28	S 7
M 8	17 5 58	17°22'02	23°15	26°36	1°23	26° 1	21° 2	25°19	26°14	11°57	5°29	4°26	3°27	19°59	11°30	M 8
T 9	17 9 55	18°19'26	5♂57	28°41	2°10	26°46	21°16	25°17	26°12	11°59	5°30	4°22	3°24	20° 6	11°32	T 9
W10	17 13 51	19°16'49	18°27	0♂44	2°55	27°31	21°29	25°16	26°10	12° 1	5°30	4°16	3°21	20°13	11°34	W10
T 11	17 17 48	20°14'10	0♂48	2°45	3°40	28°15	21°43	25°14	26° 7	12° 3	5°31	4° 7	3°18	20°19	11°35	T 11
F 12	17 21 45	21°11'31	13° 1	4°43	4°24	29° 0	21°56	25°12	26° 5	12° 5	5°31	3°55	3°15	20°26	11°37	F 12
S 13	17 25 41	22° 8'52	25° 6	6°40	5° 7	29°44	22° 9	25°11	26° 2	12° 7	5°32	3°42	3°11	20°33	11°39	S 13
S 14	17 29 38	23° 6'11	7☾ 5	8°35	5°49	0♂29	22°23	25° 9	26° 0	12° 9	5°32	3°29	3° 8	20°39	11°40	S 14
M15	17 33 34	24° 3'30	19° 0	10°27	6°30	1°13	22°36	25° 8	25°57	12°12	5°33	3°16	3° 5	20°46	11°42	M15
T 16	17 37 31	25° 0'48	0♂52	12°16	7°10	1°57	22°49	25° 7	25°55	12°14	5°33	3° 5	3° 2	20°53	11°43	T 16
W17	17 41 27	25°58'06	12°43	14° 4	7°48	2°42	23° 2	25° 6	25°52	12°16	5°34	2°56	2°59	21° 0	11°45	W17
T 18	17 45 24	26°55'23	24°36	15°49	8°26	3°26	23°15	25° 5	25°50	12°18	5°34	2°51	2°56	21° 6	11°46	T 18
F 19	17 49 20	27°52'40	6♂36	17°31	9° 2	4°10	23°28	25° 4	25°47	12°20	5°34	2°47	2°52	21°13	11°47	F 19
S 20	17 53 17	28°49'57	18°46	19°12	9°38	4°54	23°41	25° 3	25°45	12°22	5°35	2°46	2°49	21°20	11°49	S 20
S 21	17 57 14	29°47'13	1°Y12	20°49	10°11	5°38	23°54	25° 2	25°43	12°25	5°35	2°46	2°46	21°26	11°50	S 21
M22	18 1 10	0♂44'29	13°58	22°25	10°44	6°22	24° 7	25° 2	25°40	12°27	5°35	2°45	2°43	21°33	11°51	M22
T 23	18 5 7	1°41'45	27°10	23°57	11°15	7° 6	24°20	25° 1	25°38	12°29	5°36	2°44	2°40	21°40	11°52	T 23
W24	18 9 3	2°39'01	10♂50	25°28	11°45	7°50	24°32	25° 1	25°35	12°31	5°36	2°41	2°36	21°47	11°53	W24
T 25	18 13 0	3°36'16	25° 0	26°55	12°13	8°34	24°45	25° 0	25°33	12°33	5°36	2°35	2°33	21°53	11°54	T 25
F 26	18 16 56	4°33'32	9II37	28°20	12°40	9°17	24°58	25° 0	25°30	12°36	5°36	2°27	2°30	22° 0	11°55	F 26
S 27	18 20 53	5°30'48	24°37	29°43	13° 5	10° 1	25°10	25° 0	25°28	12°38	5°37	2°16	2°27	22° 7	11°56	S 27
S 28	18 24 49	6°28'03	9☾50	1♂ 3	13°28	10°44	25°22	25°D 0	25°26	12°40	5°37	2° 6	2°24	22°13	11°57	S 28
M29	18 28 46	7°25'18	25° 6	2°21	13°50	11°28	25°35	25° 0	25°23	12°42	5°37	1°55	2°21	22°20	11°58	M29
T 30	18 32 43	8☾22'32	10♂13	3♂35	14♂10	12♂11	25♂47	25♂ 0	25♂21	12☾44	5☿37	1♂47	2♂17	22☾27	11☿59	T 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	22n 2	17n32	4s57	22n49	0n41	23n43	2n45	6n56	1s16	16n43	0s54	7s23	2n41	23s32	0s10	22n 4
T 2	22 10	15 30	4 32	23 16	0 51	23 30	2 42	7 13	1 16	16 46	0 54	7 23	2 40	23 32	0 51	22 4
W 3	22 18	12 31	3 49	23 40	1 0	23 17	2 39	7 30	1 16	16 50	0 54	7 22	2 40	23 32	0 51	22 3
T 4	22 25	8 51	2 53	24 2	1 9	23 4	2 36	7 47	1 16	16 54	0 54	7 21	2 40	23 32	0 51	22 3
F 5	22 32	4 46	1 48	24 21	1 17	22 51	2 33	8 4	1 15	16 57	0 54	7 21	2 40	23 32	0 51	22 3
S 6	22 38	0 33	0 39	24 37	1 25	22 37	2 29	8 20	1 15	17 1	0 54	7 20	2 40	23 32	0 51	22 3
S 7	22 44	3s37	0n31	24 50	1 32	22 23	2 25	8 37	1 15	17 4	0 54	7 20	2 39	23 32	0 51	22 3
M 8	22 50	7 31	1 38	25 1	1 38	22 8	2 21	8 53	1 14	17 8	0 54	7 19	2 39	23 32	0 51	22 3
T 9	22 55	11 0	2 39	25 9	1 43	21 54	2 17	9 10	1 14	17 11	0 54	7 19	2 39	23 32	0 51	22 2
W10	23 0	13 56	3 31	25 14	1 48	21 39	2 13	9 26	1 14	17 15	0 54	7 18	2 39	23 32	0 51	22 2
T 11	23 4	16 12	4 12	25 16	1 52	21 24	2 8	9 42	1 14	17 18	0 54	7 18	2 38	23 32	0 51	22 2
F 12	23 8	17 42	4 41	25 16	1 56	21 9	2 3	9 58	1 13	17 22	0 54	7 18	2 38	23 32	0 51	22 2
S 13	23 12	18 23	4 57	25 14	1 58	20 53	1 58	10 14	1 13	17 25	0 54	7 17	2 38	23 32	0 51	22 2
S 14	23 15	18 15	5 0	25 9	2 0	20 38	1 53	10 30	1 12	17 29	0 54	7 17	2 38	23 32	0 51	22 2
M15	23 18	17 18	4 49	25 2	2 1	20 22	1 47	10 46	1 12	17 32	0 55	7 17	2 37	23 32	0 51	22 1
T 16	23 20	15 37	4 26	24 53	2 1	20 6	1 41	11 2	1 12	17 35	0 55	7 17	2 37	23 32	0 51	22 1
W17	23 22	13 17	3 52	24 41	2 1	19 50	1 35	11 17	1 11	17 39	0 55	7 16	2 37	23 32	0 51	22 1
T 18	23 23	10 22	3 7	24 29	2 0	19 34	1 29	11 32	1 11	17 42	0 55	7 16	2 37	23 31	0 51	22 1
F 19	23 25	7 1	2 14	24 14	1 58	19 18	1 22	11 48	1 11	17 45	0 55	7 16	2 36	23 31	0 51	22 1
S 20	23 25	3 19	1 13	23 58	1 55	19 2	1 15	12 3	1 10	17 48	0 55	7 16	2 36	23 31	0 51	22 1
S 21	23 26	0n36	0 8	23 40	1 52	18 46	1 8	12 18	1 10	17 51	0 55	7 16	2 36	23 31	0 51	22 0
M22	23 26	4 36	0s59	23 21	1 48	18 30	1 0	12 33	1 9	17 54	0 55	7 16	2 36	23 31	0 51	22 0
T 23	23 25	8 31	2 5	23 0	1 44	18 14	0 52	12 47	1 9	17 58	0 55	7 16	2 35	23 31	0 51	22 0
W24	23 24	12 7	3 7	22 39	1 38	17 57	0 44	13 2	1 8	18 1	0 55	7 16	2 35	23 31	0 51	22 0
T 25	23 23	15 8	3 59	22 17	1 33	17 41	0 35	13 17	1 8	18 4	0 55	7 16	2 35	23 31	0 51	22 0
F 26	23 21	17 19	4 37	21 53	1 26	17 25	0 26	13 31	1 8	18 7	0 55	7 16	2 35	23 31	0 51	21 59
S 27	23 19	18 21	4 58	21 29	1 19	17 10	0 17	13 45	1 7	18 10	0 55	7 17	2 34	23 31	0 51	21 59
S 28	23 16	18 7	4 58	21 4	1 11	16 54	0 8	13 59	1 7	18 13	0 55	7 17	2 34	23 31	0 51	21 59
M29	23 13	16 34	4 37	20 39	1 3	16 38	0s 2	14 13	1 6	18 15	0 55	7 17	2 34	23 31	0 51	21 59
T 30	23n10	13n53	3s56	20n13	0n54	16n23	0s12	14n27	1s 6	18n18	0s55	7s17	2n34	23s31	0s10	21n59

Julian Day Number = 2477628.5, Delta T = 81.51 sec

Ecliptic obliquity = 23°25'38, Nutation = 0°00'01, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 25°44'17, Lahiri = 24°51'17

ASTRODIENST EPHEMERIS for the year 2071

geocentric

JULY 2071

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 36 39	9♂19'46	25♂ 3	4♂47	14♂28	12♂55	25♂59	25♂ 0	25°R18	12♂47	5♂37	1°R41	2♂14	22♂34	12♂ 0	W 1
T 2	18 40 36	10°17'00	9♂29	5°56	14°44	13°38	26°11	25° 1	25°16	12°49	5°37	1♂37	2°11	22°40	12° 0	T 2
F 3	18 44 32	11°14'13	23°28	7° 2	14°58	14°21	26°23	25° 1	25°14	12°51	5°37	1°36	2° 8	22°47	12° 1	F 3
S 4	18 48 29	12°11'26	7♂ 2	8° 6	15°10	15° 4	26°35	25° 2	25°11	12°53	5°37	1°36	2° 5	22°54	12° 2	S 4
S 5	18 52 25	13° 8'38	20°12	9° 6	15°20	15°47	26°47	25° 2	25° 9	12°56	5°37	1°36	2° 2	23° 0	12° 2	S 5
M 6	18 56 22	14° 5'51	3♂ 1	10° 3	15°28	16°30	26°59	25° 3	25° 7	12°58	5°R37	1°35	1°58	23° 7	12° 3	M 6
T 7	19 0 18	15° 3'03	15°34	10°57	15°34	17°13	27°11	25° 4	25° 5	13° 0	5°37	1°31	1°55	23°14	12° 3	T 7
W 8	19 4 15	16° 0'14	27°54	11°47	15°37	17°56	27°23	25° 5	25° 2	13° 2	5°37	1°25	1°52	23°21	12° 3	W 8
T 9	19 8 12	16°57'26	10♂ 4	12°34	15°R38	18°38	27°34	25° 6	25° 0	13° 5	5°37	1°17	1°49	23°27	12° 4	T 9
F 10	19 12 8	17°54'37	22° 7	13°17	15°37	19°21	27°46	25° 7	24°58	13° 7	5°37	1° 6	1°46	23°34	12° 4	F 10
S 11	19 16 5	18°51'49	4♂ 4	13°57	15°33	20° 4	27°57	25° 8	24°56	13° 9	5°37	0°53	1°42	23°41	12° 4	S 11
S 12	19 20 1	19°49'01	15°59	14°32	15°27	20°46	28° 8	25°10	24°54	13°11	5°37	0°41	1°39	23°47	12° 5	S 12
M13	19 23 58	20°46'12	27°51	15° 4	15°19	21°28	28°20	25°11	24°51	13°13	5°37	0°29	1°36	23°54	12° 5	M13
T 14	19 27 54	21°43'24	9♂42	15°31	15° 8	22°11	28°31	25°13	24°49	13°16	5°37	0°18	1°33	24° 1	12° 5	T 14
W15	19 31 51	22°40'37	21°35	15°54	14°55	22°53	28°42	25°14	24°47	13°18	5°36	0°10	1°30	24° 8	12°R 5	W15
T 16	19 35 47	23°37'49	3♂32	16°13	14°40	23°35	28°53	25°16	24°45	13°20	5°36	0° 4	1°27	24°14	12° 5	T 16
F 17	19 39 44	24°35'03	15°35	16°27	14°22	24°17	29° 4	25°18	24°43	13°22	5°36	0° 1	1°23	24°21	12° 5	F 17
S 18	19 43 41	25°32'16	27°47	16°36	14° 2	24°59	29°14	25°20	24°41	13°24	5°36	29°D59	1°20	24°28	12° 5	S 18
S 19	19 47 37	26°29'31	10♂14	16°R41	13°39	25°41	29°25	25°22	24°39	13°27	5°35	0° 0	1°17	24°34	12° 4	S 19
M20	19 51 34	27°26'46	22°59	16°41	13°15	26°23	29°36	25°24	24°37	13°29	5°35	0°R 1	1°14	24°41	12° 4	M20
T 21	19 55 30	28°24'01	6♂ 7	16°36	12°49	27° 4	29°46	25°26	24°35	13°31	5°35	0° 0	1°11	24°48	12° 4	T 21
W22	19 59 27	29°21'18	19°41	16°26	12°20	27°46	29°56	25°28	24°33	13°33	5°34	29°59	1° 8	24°55	12° 3	W22
T 23	20 3 23	0♂18'35	3♂43	16°11	11°50	28°27	0♂ 7	25°31	24°32	13°35	5°34	29°55	1° 4	25° 1	12° 3	T 23
F 24	20 7 20	1°15'53	18°13	15°51	11°19	29° 9	0°17	25°33	24°30	13°37	5°34	29°49	1° 1	25° 8	12° 3	F 24
S 25	20 11 16	2°13'12	3♂ 7	15°27	10°45	29°50	0°27	25°36	24°28	13°40	5°33	29°41	0°58	25°15	12° 2	S 25
S 26	20 15 13	3°10'32	18°17	14°59	10°11	0♂31	0°37	25°38	24°26	13°42	5°33	29°33	0°55	25°21	12° 2	S 26
M27	20 19 10	4° 7'53	3♂34	14°26	9°36	1°12	0°47	25°41	24°25	13°44	5°32	29°25	0°52	25°28	12° 1	M27
T 28	20 23 6	5° 5'14	18°46	13°50	9° 0	1°53	0°56	25°44	24°23	13°46	5°32	29°18	0°48	25°35	12° 0	T 28
W29	20 27 3	6° 2'35	3♂44	13°11	8°23	2°34	1° 6	25°47	24°21	13°48	5°31	29°14	0°45	25°42	12° 0	W29
T 30	20 30 59	6°59'58	18°19	12°30	7°45	3°15	1°15	25°50	24°20	13°50	5°31	29°11	0°42	25°48	11°59	T 30
F 31	20 34 56	7♂57'20	2♂28	11♂46	7♂ 8	3♂56	1♂25	25♂53	24♂18	13♂52	5♂30	29°D11	0♂39	25♂55	11♂58	F 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	23n 6	10n20	3s 0	19n47	0n45	16n 8	0s22	14n40	1s 5	18n21	0s55	7s18	2n33	23s31	0s10	21n58
T 2	23 2	6 15	1 54	19 21	0 35	15 53	0 33	14 54	1 5	18 24	0 55	7 18	2 33	23 30	0 10	21 58
F 3	22 57	1 56	0 43	18 54	0 25	15 38	0 44	15 7	1 4	18 27	0 55	7 19	2 33	23 30	0 10	21 58
S 4	22 52	2s21	0n29	18 28	0 14	15 24	0 56	15 20	1 3	18 29	0 55	7 19	2 32	23 30	0 10	21 58
S 5	22 47	6 24	1 37	18 1	0 3	15 9	1 7	15 33	1 3	18 32	0 55	7 20	2 32	23 30	0 10	21 58
M 6	22 41	10 2	2 38	17 34	0s 9	14 56	1 19	15 46	1 2	18 35	0 55	7 20	2 32	23 30	0 10	21 57
T 7	22 35	13 8	3 30	17 8	0 21	14 42	1 32	15 59	1 2	18 37	0 55	7 21	2 32	23 30	0 10	21 57
W 8	22 28	15 35	4 12	16 42	0 34	14 29	1 44	16 11	1 1	18 40	0 55	7 21	2 31	23 30	0 10	21 57
T 9	22 21	17 19	4 41	16 17	0 47	14 17	1 57	16 23	1 1	18 43	0 55	7 22	2 31	23 30	0 10	21 57
F 10	22 14	18 15	4 58	15 52	1 0	14 5	2 10	16 36	1 0	18 45	0 55	7 22	2 31	23 30	0 10	21 57
S 11	22 6	18 21	5 1	15 28	1 13	13 53	2 23	16 48	0 59	18 48	0 55	7 23	2 31	23 30	0 10	21 56
S 12	21 58	17 40	4 51	15 4	1 27	13 42	2 37	16 59	0 59	18 50	0 55	7 24	2 30	23 30	0 10	21 56
M13	21 49	16 12	4 28	14 42	1 41	13 31	2 50	17 11	0 58	18 53	0 55	7 25	2 30	23 30	0 10	21 56
T 14	21 41	14 3	3 54	14 20	1 55	13 21	3 4	17 23	0 58	18 55	0 56	7 25	2 30	23 30	0 10	21 56
W15	21 31	11 19	3 9	14 0	2 10	13 11	3 18	17 34	0 57	18 57	0 56	7 26	2 30	23 29	0 10	21 55
T 16	21 22	8 6	2 16	13 40	2 24	13 2	3 32	17 45	0 56	19 0	0 56	7 27	2 29	23 29	0 10	21 55
F 17	21 12	4 31	1 16	13 23	2 39	12 54	3 46	17 56	0 56	19 2	0 56	7 28	2 29	23 29	0 10	21 55
S 18	21 1	0 42	0 12	13 6	2 53	12 46	4 0	18 7	0 55	19 4	0 56	7 29	2 29	23 29	0 10	21 55
S 19	20 51	3n13	0s54	12 51	3 7	12 39	4 14	18 17	0 54	19 6	0 56	7 30	2 28	23 29	0 10	21 55
M20	20 40	7 5	2 0	12 38	3 21	12 32	4 28	18 28	0 54	19 9	0 56	7 31	2 28	23 29	0 10	21 54
T 21	20 28	10 43	3 1	12 27	3 34	12 27	4 42	18 38	0 53	19 11	0 56	7 32	2 28	23 29	0 10	21 54
W22	20 17	13 54	3 53	12 18	3 47	12 21	4 56	18 48	0 52	19 13	0 56	7 33	2 28	23 29	0 10	21 54
T 23	20 4	16 24	4 34	12 10	3 59	12 17	5 9	18 58	0 51	19 15	0 56	7 34	2 27	23 29	0 10	21 54
F 24	19 52	17 56	4 59	12 5	4 11	12 13	5 22	19 8	0 51	19 17	0 56	7 35	2 27	23 29	0 10	21 54
S 25	19 39	18 19	5 5	12 2	4 21	12 9	5 34	19 17	0 50	19 19	0 56	7 36	2 27	23 29	0 10	21 53
S 26	19 26	17 24	4 49	12 1	4 31	12 7	5 47	19 27	0 49	19 21	0 56	7 38	2 27	23 29	0 10	21 53
M27	19 13	15 15	4 13	12 2	4 39	12 5	5 58	19 36	0 49	19 23	0 56	7 39	2 26	23 29	0 10	21 53
T 28	18 59	12 2	3 19	12 6	4 46	12 3	6 9	19 45	0 48	19 25	0 56	7 40	2 26	23 29	0 10	21 53
W29	18 45	8 5	2 12	12 11	4 51	12 3	6 20	19 54	0 47	19 27	0 57	7 41	2 26	23 28	0 10	21 52
T 30	18 31	3 43	0 58	12 19	4 55	12 2	6 29	20 2	0 46	19 29	0 57	7 43	2 26	23 28	0 10	21 52
F 31	18n16	0s43	0n18	12n29	4s57	12n 3	6s38	20n11	0s45	19n30	0s57	7s44	2n25	23s28	0s10	21n52

Julian Day Number = 2477658.5, Delta T = 81.54 sec

Ecliptic obliquity = 23°25'38", Nutation = 0°00'01", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 25°44'21", Lahiri = 24°51'21"

ASTRODIENST EPHEMERIS for the year 2071
geocentric

AUGUST 2071

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	20 38 52	8♌54°43	16♊9	11°R 2	6°R31	4♊36	1♊34	25♊56	24°R17	13♊54	5°R30	29♊12	0♊36	26♊2	11°R57	S 1
S 2	20 42 49	9°52'07	29°24	10♌17	5♌54	5°17	1°43	25°59	24♊15	13°56	5°Y29	29°13	0°33	26° 8	11°Y56	S 2
M 3	20 46 45	10°49'32	12♌15	9°33	5°17	5°57	1°52	26° 3	24°14	13°58	5°29	29°R13	0°29	26°15	11°55	M 3
T 4	20 50 42	11°46'57	24°47	8°50	4°42	6°38	2° 1	26° 6	24°12	14° 0	5°28	29°12	0°26	26°22	11°54	T 4
W 5	20 54 39	12°44'22	7♊7	8° 9	4° 7	7°18	2° 9	26°10	24°11	14° 2	5°27	29° 9	0°23	26°28	11°53	W 5
T 6	20 58 35	13°41'49	19° 8	7°31	3°34	7°58	2°18	26°13	24°10	14° 4	5°27	29° 5	0°20	26°35	11°52	T 6
F 7	21 2 32	14°39'16	1♊6	6°56	3° 2	8°38	2°27	26°17	24° 8	14° 6	5°26	28°58	0°17	26°42	11°51	F 7
S 8	21 6 28	15°36'43	13° 0	6°26	2°31	9°18	2°35	26°21	24° 7	14° 8	5°25	28°51	0°14	26°49	11°50	S 8
S 9	21 10 25	16°34'12	24°51	6° 1	2° 3	9°57	2°43	26°25	24° 6	14°10	5°25	28°43	0°10	26°55	11°49	S 9
M10	21 14 21	17°31'42	6♊44	5°42	1°36	10°37	2°51	26°29	24° 5	14°12	5°24	28°35	0° 7	27° 2	11°47	M10
T 11	21 18 18	18°29'13	18°38	5°28	1°11	11°16	2°59	26°33	24° 4	14°14	5°23	28°29	0° 4	27° 9	11°46	T 11
W12	21 22 14	19°26'44	0♊37	5°21	0°48	11°56	3° 7	26°37	24° 3	14°16	5°23	28°24	0° 1	27°15	11°45	W12
T 13	21 26 11	20°24'17	12°41	5°D21	0°28	12°35	3°14	26°41	24° 2	14°18	5°22	28°21	29♊58	27°22	11°43	T 13
F 14	21 30 8	21°21'51	24°53	5°27	0°10	13°14	3°22	26°45	24° 1	14°20	5°21	28°D19	29°54	27°29	11°42	F 14
S 15	21 34 4	22°19'27	7°Y15	5°41	29♊54	13°53	3°29	26°50	24° 0	14°22	5°20	28°20	29°51	27°36	11°40	S 15
S 16	21 38 1	23°17'04	19°50	6° 2	29°41	14°32	3°36	26°54	23°59	14°24	5°19	28°21	29°48	27°42	11°39	S 16
M17	21 41 57	24°14'42	2♊41	6°30	29°30	15°11	3°44	26°58	23°58	14°25	5°19	28°23	29°45	27°49	11°37	M17
T 18	21 45 54	25°12'22	15°51	7° 5	29°21	15°50	3°50	27° 3	23°57	14°27	5°18	28°24	29°42	27°56	11°36	T 18
W19	21 49 50	26°10'03	29°21	7°47	29°15	16°28	3°57	27° 8	23°57	14°29	5°17	28°R24	29°39	28° 2	11°34	W19
T 20	21 53 47	27° 7'47	13♊15	8°37	29°11	17° 7	4° 4	27°12	23°56	14°31	5°16	28°23	29°35	28° 9	11°32	T 20
F 21	21 57 43	28° 5'32	27°32	9°33	29°D10	17°45	4°10	27°17	23°55	14°32	5°15	28°21	29°32	28°16	11°30	F 21
S 22	22 1 40	29° 3'18	12♊10	10°36	29°11	18°23	4°17	27°22	23°55	14°34	5°14	28°17	29°29	28°22	11°29	S 22
S 23	22 5 37	0♊1'06	27° 4	11°45	29°14	19° 1	4°23	27°27	23°54	14°36	5°13	28°14	29°26	28°29	11°27	S 23
M24	22 9 33	0°58'56	12♊6	13° 0	29°20	19°39	4°29	27°32	23°54	14°38	5°12	28°10	29°23	28°36	11°25	M24
T 25	22 13 30	1°56'47	27° 7	14°21	29°28	20°17	4°34	27°37	23°53	14°39	5°11	28° 7	29°20	28°43	11°23	T 25
W26	22 17 26	2°54'40	11♊59	15°47	29°37	20°54	4°40	27°42	23°53	14°41	5°10	28° 5	29°16	28°49	11°21	W26
T 27	22 21 23	3°52'34	26°34	17°18	29°49	21°32	4°46	27°47	23°52	14°42	5° 9	28°D 4	29°13	28°56	11°19	T 27
F 28	22 25 19	4°50'29	10♊46	18°53	0♊3	22° 9	4°51	27°52	23°52	14°44	5° 8	28° 4	29°10	29° 3	11°17	F 28
S 29	22 29 16	5°48'26	24°33	20°33	0°19	22°46	4°56	27°58	23°52	14°46	5° 7	28° 6	29° 7	29° 9	11°15	S 29
S 30	22 33 12	6°46'24	7♊53	22°16	0°37	23°23	5° 1	28° 3	23°52	14°47	5° 6	28° 7	29° 4	29°16	11°13	S 30
M31	22 37 9	7♊44'23	20♊49	24♊3	0♊57	24♊0	5♊6	28♊8	23♊52	14♊49	5°Y 5	28♊8	29♊0	29♊23	11°Y11	M31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	decl	decl	decl	lat	decl	decl	decl	decl	lat
S 1	18n 1	4s58	1n30	12n40	4s58	12n 4	6s47	20n19	0s45	19n32	0s57	7s45	2n25	23s28	0s10	21n52	0s51	13s 5	16s38	0n19	0s14	16s22	7n 5	2n34									
S 2	17 46	8 50	2 35	12 53	4 57	12 5	6 54	20 27	0 44	19 34	0 57	7 47	2 25	23 28	0 10	21 52	0 51	13 5	16 39	0 19	0 13	16 21	7 5	2 34									
M 3	17 31	12 9	3 31	13 8	4 54	12 7	7 1	20 35	0 43	19 36	0 57	7 48	2 25	23 28	0 10	21 51	0 51	13 6	16 39	0 19	0 12	16 20	7 4	2 34									
T 4	17 15	14 50	4 15	13 24	4 49	12 9	7 7	20 43	0 42	19 37	0 57	7 50	2 24	23 28	0 10	21 51	0 51	13 6	16 39	0 19	0 10	16 19	7 4	2 34									
W 5	16 59	16 47	4 46	13 41	4 42	12 12	7 13	20 50	0 41	19 39	0 57	7 51	2 24	23 28	0 10	21 51	0 51	13 7	16 40	0 20	0 9	16 18	7 4	2 34									
T 6	16 42	17 56	5 4	13 58	4 34	12 15	7 17	20 58	0 41	19 41	0 57	7 53	2 24	23 28	0 10	21 51	0 51	13 7	16 40	0 22	0 8	16 18	7 3	2 34									
F 7	16 26	18 17	5 8	14 16	4 24	12 19	7 21	21 5	0 40	19 42	0 57	7 54	2 24	23 28	0 10	21 51	0 51	13 8	16 40	0 25	0 7	16 17	7 3	2 34									
S 8	16 9	17 50	4 59	14 35	4 12	12 23	7 23	21 12	0 39	19 44	0 57	7 56	2 24	23 28	0 10	21 50	0 51	13 8	16 41	0 28	0 5	16 16	7 3	2 34									
S 9	15 52	16 36	4 37	14 53	4 0	12 27	7 26	21 18	0 38	19 45	0 57	7 58	2 23	23 28	0 10	21 50	0 51	13 9	16 41	0 31	0 4	16 15	7 2	2 34									
M10	15 34	14 39	4 3	15 11	3 46	12 31	7 27	21 25	0 37	19 47	0 57	7 59	2 23	23 28	0 10	21 50	0 51	13 9	16 41	0 34	0 3	16 14	7 2	2 34									
T 11	15 17	12 5	3 19	15 29	3 31	12 36	7 27	21 31	0 36	19 48	0 58	8 1	2 23	23 28	0 10	21 50	0 51	13 10	16 41	0 36	0 2	16 13	7 1	2 34									
W12	14 59	8 59	2 25	15 45	3 16	12 41	7 27	21 38	0 35	19 50	0 58	8 2	2 23	23 28	0 10	21 50	0 51	13 10	16 42	0 38	0 0	16 12	7 1	2 35									
T 13	14 41	5 30	1 24	16 1	3 0	12 46	7 26	21 44	0 34	19 51	0 58	8 4	2 22	23 28	0 10	21 49	0 51	13 11	16 42	0 39	0n 1	16 11	7 0	2 35									
F 14	14 22	1 45	0 19	16 16	2 43	12 51	7 25	21 49	0 33	19 52	0 58	8 6	2 22	23 28	0 10	21 49	0 51	13 12	16 42	0 40	0 2	16 11	7 0	2 35									
S 15	14 4	2n 8	0s49	16 29	2 26	12 56	7 23	21 55	0 33	19 54	0 58	8 8	2 22	23 28	0 10	21 49	0 51	13 12	16 43	0 40	0 3	16 10	6 59	2 35									
S 16	13 45	5 59	1 55	16 41	2 9	13 1	7 20	22 0	0 32	19 55	0 58	8 9	2 22	23 28	0 10	21 49	0 51	13 13	16 43	0 39	0 5	16 9	6 59	2 35									
M17	13 26	9 38	2 57	16 50	1 51	13 7	7 17	22 6	0 31	19 56	0 58	8 11	2 22	23 28	0 10	21 49	0 51	13 13	16 43	0 39	0 6	16 8	6 58	2 35									
T 18	13 7	12 53	3 51	16 58	1 34	13 12	7 14	22 11	0 30	19 57	0 58	8 13	2 21	23 27	0 10	21 48	0 51	13 14	16 43	0 38	0 7	16 7	6 57	2 35									
W19	12 47	15 33	4 34	17 4	1 17	13 17	7 10	22 16	0 29	19 58	0 58	8 15	2 21	23 27	0 10	21 48	0 51	13 14	16 44	0 38	0 9	16 6	6 57	2 35									
T 20	12 28	17 23	5 2	17 7	1 1	13 22	7 5	22 21	0 28	20 0	0 58	8 17	2 21	23 27	0 10	21 48	0 51	13 15	16 44	0 39	0 10	16 5	6 56	2 35									
F 21	12 8	18 11	5 13	17 8	0 44	13 27	7 0	22 25	0 27	20 1	0 59	8 19	2 21	23 27	0 10	21 48	0 51	13 16	16 44	0 39	0 11	16 4	6 55	2 35									
S 22	11 48	17 50	5 4	17 7	0 29	13 32	6 55	22 29	0 26	20 2	0 59	8 21	2 21	23 27	0 10	21 48	0 51	13 16	16 44	0 41	0 12	16 4	6 55	2 35									
S 23	11 28	16 15	4 35	17 2	0 14	13 37	6 49	22 34	0 25	20 3	0 59	8 23	2 20	23 27	0 10	21 47	0 51	13 17	16 44	0 42	0 14	16 3	6 54	2 35									
M24	11 7	13 32	3 46	16 55	0n 1	13 42	6 43	22 38	0 24	20 4	0 59	8 24	2 20	23 27	0 10	21 47	0 51	13 17	16 45	0 44	0 15	16 2	6 53	2 35									
T 25	10 47	9 56	2 42	16 45	0 14	13 46	6 37	22 42	0 23	20 5	0 59	8 26	2 20	23 27	0 10	21 47	0 51	13 18	16 45	0 45	0 16	16 1	6 53	2 35									
W26	10 26	5 43	1 27	16 32	0 27	13 51	6 31	22 45	0 22	20 6	0 59	8 28	2 20	23 27	0 10	21 47	0 51	13 18	16 45	0 46	0 17	16 0	6 52	2 35									
T 27	10 5	1 14	0 8	16 16	0 39	13 55	6 24	22 49	0 21	20 6	0 59	8 30	2 20	23 27	0 10	21 47	0 51	13 19	16 45	0 46	0 19	15 59	6 51	2 35									
F 28	9 44	3s12	1n 9	15 57	0 50	13 59	6 17	22 52	0 20	20 7	0 59	8 33	2 19	23 27	0 10	21 46	0 51	13 20	16 46	0 46	0 20	15 58	6 50	2 35									
S 29	9 23	7 19	2 21	15 35	1 0	14 2	6 10	22 55	0 19	20 8	0 59	8 35	2 19	23 27	0 10	21 46	0 51	13 20	16 46	0 45	0 21	15 57	6 50	2 35									
S 30	9 1	10 57	3 22	15 10	1 9	14 5	6 3	22 58	0 17	20 9	0 59	8 37	2 19	23 27	0 10	21 46	0 51	13 21	16 46	0 45	0 22	15 56	6 49	2 35									
M31	8n40	13s55	4n11	14n43	1n17	14n 8	5s56	23n 1	0s16	20n10	1s 0	8s39	2n19	23s27	0s10	21n46	0s51	13s21	16s46	0n44	0n24	15s55	6n48	2n35									

ASTRODIENST EPHEMERIS for the year 2071

geocentric

SEPTEMBER 2071

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 41 6	8♐42'24	3♊24	25♏52	1♌19	24♐36	5♐10	28♏14	23°R52	14♏50	5°R 4	28°R 9	28♐57	29♏30	11°R 9	T 1
W 2	22 45 2	9°40'26	15°42	27°43	1°42	25°13	5°15	28°19	23°D51	14°52	5°Y 3	28♐9	28°54	29°36	11°Y 6	W 2
T 3	22 48 59	10°38'30	27°47	29°36	2° 7	25°49	5°19	28°25	23°♌51	14°53	5° 2	28° 8	28°51	29°43	11° 4	T 3
F 4	22 52 55	11°36'35	9♊43	1♐30	2°33	26°26	5°23	28°31	23°52	14°54	5° 1	28° 7	28°48	29°50	11° 2	F 4
S 5	22 56 52	12°34'41	21°35	3°25	3° 2	27° 2	5°27	28°36	23°52	14°56	5° 0	28° 5	28°45	29°56	11° 0	S 5
S 6	23 0 48	13°32'49	3♊27	5°21	3°31	27°37	5°31	28°42	23°52	14°57	4°59	28° 2	28°41	0♊3	10°57	S 6
M 7	23 4 45	14°30'58	15°21	7°17	4° 2	28°13	5°34	28°48	23°52	14°58	4°58	28° 0	28°38	0°10	10°55	M 7
T 8	23 8 41	15°29'09	27°21	9°13	4°35	28°49	5°38	28°54	23°52	15° 0	4°57	27°59	28°35	0°16	10°53	T 8
W 9	23 12 38	16°27'22	9♊28	11° 9	5° 9	29°24	5°41	29° 0	23°53	15° 1	4°56	27°57	28°32	0°23	10°50	W 9
T 10	23 16 34	17°25'36	21°45	13° 5	5°44	29°59	5°44	29° 6	23°53	15° 2	4°55	27°57	28°29	0°30	10°48	T 10
F 11	23 20 31	18°23'52	4♐12	15° 0	6°21	0♊34	5°46	29°12	23°53	15° 3	4°53	27°D57	28°25	0°37	10°45	F 11
S 12	23 24 28	19°22'10	16°51	16°55	6°59	1° 9	5°49	29°18	23°54	15° 5	4°52	27°57	28°22	0°43	10°43	S 12
S 13	23 28 24	20°20'30	29°43	18°49	7°38	1°44	5°52	29°24	23°54	15° 6	4°51	27°58	28°19	0°50	10°40	S 13
M14	23 32 21	21°18'52	12♊49	20°42	8°18	2°18	5°54	29°30	23°55	15° 7	4°50	27°59	28°16	0°57	10°38	M14
T 15	23 36 17	22°17'16	26° 9	22°34	8°59	2°53	5°56	29°36	23°56	15° 8	4°49	27°59	28°13	1° 3	10°35	T 15
W16	23 40 14	23°15'42	9♐45	24°26	9°41	3°27	5°58	29°43	23°56	15° 9	4°48	27°59	28°10	1°10	10°33	W16
T 17	23 44 10	24°14'10	23°37	26°16	10°25	4° 1	5°59	29°49	23°57	15°10	4°46	28°R 0	28° 6	1°17	10°30	T 17
F 18	23 48 7	25°12'41	7♊44	28° 5	11° 9	4°35	6° 1	29°55	23°58	15°11	4°45	28° 0	28° 3	1°23	10°28	F 18
S 19	23 52 3	26°11'14	22° 5	29°54	11°54	5° 8	6° 2	0♐2	23°59	15°12	4°44	27°59	28° 0	1°30	10°25	S 19
S 20	23 56 0	27° 9'49	6♏36	1♌41	12°41	5°41	6° 3	0° 8	24° 0	15°13	4°43	27°59	27°57	1°37	10°23	S 20
M21	23 59 57	28° 8'26	21°14	3°27	13°28	6°15	6° 4	0°15	24° 1	15°14	4°42	27°D59	27°54	1°44	10°20	M21
T 22	0 3 53	29° 7'05	5♐52	5°12	14°16	6°48	6° 4	0°21	24° 2	15°15	4°41	27°59	27°51	1°50	10°17	T 22
W23	0 7 50	0♌546	20°24	6°57	15° 4	7°20	6° 5	0°28	24° 3	15°16	4°39	27°R59	27°47	1°57	10°15	W23
T 24	0 11 46	1° 4'30	4♌45	8°40	15°54	7°53	6° 5	0°34	24° 4	15°17	4°38	27°59	27°44	2° 4	10°12	T 24
F 25	0 15 43	2° 3'15	18°49	10°22	16°44	8°25	6°R 5	0°41	24° 5	15°17	4°37	27°59	27°41	2°10	10° 9	F 25
S 26	0 19 39	3° 2'02	2♐32	12° 4	17°35	8°57	6° 5	0°48	24° 6	15°18	4°36	27°59	27°38	2°17	10° 7	S 26
S 27	0 23 36	4° 0'51	15°53	13°44	18°27	9°29	6° 5	0°54	24° 7	15°19	4°35	27°58	27°35	2°24	10° 4	S 27
M28	0 27 32	4°59'42	28°52	15°23	19°19	10° 0	6° 4	1° 1	24° 9	15°20	4°33	27°57	27°31	2°30	10° 1	M28
T 29	0 31 29	5°58'34	11♊30	17° 2	20°12	10°32	6° 3	1° 8	24°10	15°20	4°32	27°56	27°28	2°37	9°58	T 29
W30	0 35 26	6♌57'29	23♊50	18♏39	21♏6	11♏3	6°II 2	1♐15	24♊11	15♏21	4°Y31	27♐56	27♐25	2♊44	9°Y56	W30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	8n18	16s 8	4n47	14n13	1n24	14n11	5s49	23n 4	0s15	20n10	1s 0	8s41	2n19	23s27	0s10	21n46	0s51	13s22	16s46	0n44	0n25	15s54	6n47	2n35					
W 2	7 56	17 33	5 8	13 40	1 30	14 14	5 41	23 6	0 14	20 11	1 0	8 43	2 18	23 27	0 10	21 45	0 51	13 22	16 47	0 44	0 26	15 54	6 46	2 35					
T 3	7 34	18 9	5 16	13 6	1 35	14 16	5 33	23 9	0 13	20 12	1 0	8 45	2 18	23 27	0 10	21 45	0 51	13 23	16 47	0 44	0 27	15 53	6 45	2 35					
F 4	7 12	17 56	5 9	12 29	1 39	14 17	5 26	23 11	0 12	20 12	1 0	8 47	2 18	23 27	0 10	21 45	0 51	13 24	16 47	0 45	0 29	15 52	6 44	2 35					
S 5	6 50	16 56	4 50	11 51	1 43	14 19	5 18	23 13	0 11	20 13	1 0	8 49	2 18	23 27	0 10	21 45	0 51	13 24	16 47	0 46	0 30	15 51	6 44	2 35					
S 6	6 28	15 12	4 18	11 10	1 45	14 20	5 10	23 15	0 10	20 13	1 0	8 52	2 18	23 27	0 10	21 45	0 51	13 25	16 47	0 47	0 31	15 50	6 43	2 35					
M 7	6 6	12 48	3 34	10 29	1 47	14 20	5 2	23 16	0 9	20 14	1 0	8 54	2 18	23 27	0 10	21 45	0 51	13 25	16 47	0 48	0 33	15 49	6 42	2 35					
T 8	5 43	9 51	2 41	9 46	1 47	14 20	4 54	23 18	0 7	20 14	1 0	8 56	2 17	23 27	0 10	21 45	0 51	13 26	16 47	0 48	0 34	15 48	6 41	2 35					
W 9	5 21	6 28	1 41	9 2	1 47	14 20	4 46	23 19	0 6	20 15	1 0	8 58	2 17	23 27	0 10	21 44	0 51	13 26	16 48	0 49	0 35	15 47	6 40	2 35					
T 10	4 58	2 45	0 34	8 17	1 47	14 19	4 39	23 21	0 5	20 15	1 1	9 1	2 17	23 27	0 10	21 44	0 51	13 27	16 48	0 49	0 36	15 46	6 39	2 35					
F 11	4 35	1n 8	0s35	7 32	1 46	14 18	4 31	23 22	0 4	20 16	1 1	9 3	2 17	23 27	0 10	21 44	0 51	13 27	16 48	0 49	0 38	15 45	6 38	2 35					
S 12	4 12	5 2	1 43	6 45	1 44	14 17	4 23	23 23	0 3	20 16	1 1	9 5	2 17	23 27	0 10	21 44	0 51	13 28	16 48	0 49	0 39	15 44	6 37	2 35					
S 13	3 49	8 45	2 47	5 58	1 41	14 15	4 15	23 24	0 1	20 16	1 1	9 7	2 17	23 27	0 10	21 44	0 51	13 29	16 48	0 49	0 40	15 43	6 36	2 35					
M14	3 27	12 7	3 44	5 11	1 38	14 12	4 7	23 24	0 0	20 17	1 1	9 10	2 17	23 27	0 10	21 44	0 51	13 29	16 48	0 48	0 41	15 42	6 35	2 35					
T 15	3 4	14 54	4 30	4 24	1 35	14 10	3 59	23 25	0n 1	20 17	1 1	9 12	2 16	23 27	0 10	21 43	0 51	13 30	16 48	0 48	0 43	15 41	6 34	2 35					
W16	2 40	16 56	5 1	3 36	1 31	14 6	3 51	23 25	0 2	20 17	1 1	9 14	2 16	23 27	0 10	21 43	0 51	13 30	16 48	0 48	0 44	15 40	6 33	2 35					
T 17	2 17	18 0	5 16	2 49	1 27	14 2	3 43	23 26	0 4	20 17	1 1	9 17	2 16	23 27	0 10	21 43	0 51	13 31	16 48	0 48	0 45	15 39	6 32	2 35					
F 18	1 54	18 0	5 13	2 1	1 22	13 58	3 35	23 26	0 5	20 17	1 1	9 19	2 16	23 28	0 10	21 43	0 51	13 31	16 48	0 48	0 46	15 38	6 31	2 35					
S 19	1 31	16 51	4 50	1 13	1 17	13 53	3 27	23 26	0 6	20 18	1 2	9 21	2 16	23 28	0 10	21 43	0 51	13 32	16 49	0 48	0 48	15 37	6 30	2 35					
S 20	1 8	14 36	4 8	0 26	1 12	13 48	3 20	23 26	0 8	20 18	1 2	9 24	2 16	23 28	0 10	21 43	0 51	13 32	16 49	0 48	0 49	15 37	6 29	2 35					
M21	0 44	11 25	3 10	0s21	1 7	13 42	3 12	23 26	0 9	20 18	1 2	9 26	2 16	23 28	0 10	21 43	0 51	13 33	16 49	0 48	0 50	15 36	6 28	2 35					
T 22	0 21	7 30	2 0	1 8	1 1	13 36	3 4	23 25	0 10	20 18	1 2	9 28	2 16	23 28	0 10	21 43	0 51	13 33	16 49	0 48	0 51	15 35	6 27	2 35					
W23	0s 2	3 9	0 42	1 55	0 55	13 29	2 57	23 25	0 12	20 18	1 2	9 31	2 15	23 28	0 10	21 42	0 51	13 34	16 49	0 48	0 53	15 34	6 26	2 35					
T 24	0 26	1s19	0n37	2 41	0 49	13 22	2 49	23 25	0 13	20 18	1 2	9 33	2 15	23 28	0 10	21 42	0 51	13 34	16 49	0 48	0 54	15 33	6 24	2 35					
F 25	0 49	5 37	1 53	3 27	0 42	13 15	2 42	23 24	0 14	20 18	1 2	9 36	2 15	23 28	0 10	21 42	0 51	13 35	16 49	0 48	0 55	15 32	6 23	2 35					
S 26	1 12	9 31	3 0	4 13	0 36	13 6	2 34	23 23	0 16	20 17	1 2	9 38	2 15	23 28	0 10	21 42	0 51	13 35	16 49	0 48	0 57	15 31	6 22	2 35					
S 27	1 36	12 49	3 56	4 58	0 29	12 58	2 27	23 22	0 17	20 17	1 2	9 40	2 15	23 28	0 10	21 42	0 51	13 36	16 49	0 48	0 58	15 30	6 21	2 35					
M28	1 59	15 23	4 37	5 43	0 22	12 49	2 20	23 22	0 19	20 17	1 2	9 43	2 15	23 28	0 10	21 42	0 51	13 36	16 49	0 49	0 59	15 29	6 20	2 34					
T 29	2 22	17 8	5 4	6 27	0 15	12 39	2 12	23 21	0 20	20 17	1 3	9 45	2 15	23 28	0 10	21 42	0 51	13 37	16 49	0 49	1 0	15 28	6 19	2 34					
W30	2s46	18s 1	5n16	7s11	0n 9	12n29	2s 5	23n20	0n22	20n17	1s 3	9s48	2n15	23s28	0s10	21n42	0s51	13s37	16s49	0n49	1n 2	15s27	6n18	2n34					

ASTRODIENST EPHEMERIS for the year 2071

geocentric

OCTOBER 2071

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 39 22	7♂56'25	5♂56	20♂16	22♂0	11♂33	6♂R 1	1♂22	24♂13	15♂22	4♂R30	27♂D55	27♂22	2♂51	9♂R53	T 1
F 2	0 43 19	8°55'23	17°53	21°52	22°55	12° 4	6♂II 0	1°28	24°14	15°22	4♂Y29	27♂56	27°19	2°57	9♂Y50	F 2
S 3	0 47 15	9°54'22	29°45	23°27	23°50	12°34	5°58	1°35	24°16	15°23	4°28	27°56	27°16	3° 4	9°48	S 3
S 4	0 51 12	10°53'24	11♂37	25° 1	24°46	13° 4	5°56	1°42	24°17	15°23	4°26	27°57	27°12	3°11	9°45	S 4
M 5	0 55 8	11°52'27	23°34	26°34	25°43	13°34	5°54	1°49	24°19	15°24	4°25	27°59	27° 9	3°17	9°42	M 5
T 6	0 59 5	12°51'32	5♂38	28° 7	26°40	14° 4	5°52	1°56	24°21	15°24	4°24	28° 0	27° 6	3°24	9°40	T 6
W 7	1 3 1	13°50'38	17°54	29°38	27°38	14°33	5°50	2° 3	24°22	15°25	4°23	28° 1	27° 3	3°31	9°37	W 7
T 8	1 6 58	14°49'47	0♂23	1♂ 9	28°36	15° 2	5°47	2°10	24°24	15°25	4°22	28°R 1	27° 0	3°37	9°34	T 8
F 9	1 10 54	15°48'58	13° 8	2°39	29°34	15°31	5°44	2°17	24°26	15°25	4°20	28° 0	26°56	3°44	9°31	F 9
S 10	1 14 51	16°48'11	26° 8	4° 8	0♂33	15°59	5°41	2°24	24°28	15°26	4°19	27°59	26°53	3°51	9°29	S 10
S 11	1 18 48	17°47'25	9♂24	5°37	1°33	16°27	5°38	2°31	24°30	15°26	4°18	27°56	26°50	3°57	9°26	S 11
M12	1 22 44	18°46'42	22°54	7° 4	2°33	16°55	5°35	2°38	24°32	15°26	4°17	27°54	26°47	4° 4	9°23	M12
T 13	1 26 41	19°46'02	6♂37	8°31	3°33	17°22	5°31	2°46	24°34	15°26	4°16	27°50	26°44	4°11	9°21	T 13
W14	1 30 37	20°45'23	20°29	9°57	4°34	17°50	5°28	2°53	24°36	15°26	4°15	27°48	26°41	4°18	9°18	W14
T 15	1 34 34	21°44'47	4♂30	11°22	5°35	18°16	5°24	3° 0	24°38	15°27	4°14	27°46	26°37	4°24	9°15	T 15
F 16	1 38 30	22°44'14	18°37	12°47	6°37	18°43	5°20	3° 7	24°40	15°27	4°13	27°D45	26°34	4°31	9°13	F 16
S 17	1 42 27	23°43'42	2♂47	14°10	7°39	19° 9	5°15	3°14	24°42	15°27	4°11	27°45	26°31	4°38	9°10	S 17
S 18	1 46 23	24°43'13	17° 0	15°32	8°41	19°35	5°11	3°21	24°44	15°27	4°10	27°46	26°28	4°44	9° 8	S 18
M19	1 50 20	25°42'46	1♂13	16°54	9°44	20° 0	5° 6	3°29	24°46	15°R27	4° 9	27°48	26°25	4°51	9° 5	M19
T 20	1 54 17	26°42'22	15°23	18°14	10°47	20°26	5° 1	3°36	24°49	15°27	4° 8	27°49	26°22	4°58	9° 2	T 20
W21	1 58 13	27°41'59	29°28	19°33	11°50	20°50	4°56	3°43	24°51	15°27	4° 7	27°R49	26°18	5° 4	9° 0	W21
T 22	2 2 10	28°41'39	13♂24	20°51	12°54	21°15	4°51	3°50	24°53	15°27	4° 6	27°48	26°15	5°11	8°57	T 22
F 23	2 6 6	29°41'21	27° 9	22° 8	13°58	21°39	4°46	3°58	24°56	15°26	4° 5	27°46	26°12	5°18	8°55	F 23
S 24	2 10 3	0♂41'05	10♂39	23°24	15° 2	22° 2	4°40	4° 5	24°58	15°26	4° 4	27°42	26° 9	5°24	8°52	S 24
S 25	2 13 59	1°40'50	23°51	24°38	16° 7	22°26	4°35	4°12	25° 1	15°26	4° 3	27°36	26° 6	5°31	8°50	S 25
M26	2 17 56	2°40'38	6♂46	25°50	17°12	22°48	4°29	4°19	25° 3	15°26	4° 2	27°30	26° 2	5°38	8°48	M26
T 27	2 21 52	3°40'28	19°22	27° 1	18°17	23°11	4°23	4°27	25° 6	15°26	4° 1	27°24	25°59	5°45	8°45	T 27
W28	2 25 49	4°40'19	1♂42	28° 9	19°22	23°33	4°17	4°34	25° 8	15°25	4° 0	27°19	25°56	5°51	8°43	W28
T 29	2 29 46	5°40'12	13°49	29°16	20°28	23°54	4°11	4°41	25°11	15°25	3°59	27°15	25°53	5°58	8°40	T 29
F 30	2 33 42	6°40'07	25°45	0♂20	21°34	24°15	4° 4	4°48	25°14	15°25	3°58	27°12	25°50	6° 5	8°38	F 30
S 31	2 37 39	7♂40'03	7♂37	1♂22	22♂40	24♂36	3♂II58	4♂II56	25♂16	15♂24	3♂Y57	27°D11	25♂47	6♂11	8♂Y36	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	3s 9	18s 4	5n14	7s54	0n 1	12n18	1s58	23n18	0n23	20n16	1s 3	9s50	2n15	23s28	0s10	21n42
F 2	3 32	17 18	4 58	8 36	0s 6	12 7	1 51	23 17	0 24	20 16	1 3	9 53	2 14	23 28	0 10	21 42
S 3	3 55	15 48	4 30	9 18	0 13	11 56	1 44	23 16	0 26	20 16	1 3	9 55	2 14	23 28	0 10	21 41
S 4	4 18	13 37	3 50	9 59	0 20	11 44	1 37	23 15	0 28	20 15	1 3	9 58	2 14	23 28	0 10	21 41
M 5	4 42	10 50	2 59	10 40	0 27	11 31	1 31	23 13	0 29	20 15	1 3	10 0	2 14	23 28	0 10	21 41
T 6	5 5	7 34	2 1	11 20	0 34	11 18	1 24	23 12	0 31	20 14	1 3	10 2	2 14	23 29	0 10	21 41
W 7	5 28	3 56	0 56	11 59	0 41	11 5	1 17	23 10	0 32	20 14	1 3	10 5	2 14	23 29	0 10	21 41
T 8	5 50	0 3	0s13	12 38	0 49	10 51	1 11	23 8	0 34	20 13	1 3	10 7	2 14	23 29	0 10	21 41
F 9	6 13	3n55	1 23	13 15	0 56	10 37	1 4	23 7	0 35	20 13	1 3	10 10	2 14	23 29	0 10	21 41
S 10	6 36	7 46	2 29	13 53	1 3	10 22	0 58	23 5	0 37	20 12	1 3	10 12	2 14	23 29	0 10	21 41
S 11	6 59	11 19	3 29	14 29	1 10	10 7	0 52	23 3	0 39	20 12	1 3	10 15	2 14	23 29	0 10	21 41
M12	7 21	14 20	4 18	15 4	1 17	9 51	0 46	23 1	0 40	20 11	1 4	10 17	2 14	23 29	0 10	21 41
T 13	7 44	16 35	4 53	15 39	1 23	9 35	0 39	23 0	0 42	20 10	1 4	10 20	2 14	23 29	0 10	21 41
W14	8 6	17 54	5 12	16 13	1 30	9 19	0 33	22 58	0 44	20 10	1 4	10 22	2 14	23 29	0 10	21 41
T 15	8 28	18 9	5 12	16 46	1 37	9 2	0 28	22 56	0 45	20 9	1 4	10 25	2 14	23 29	0 10	21 41
F 16	8 50	17 17	4 54	17 18	1 43	8 45	0 22	22 54	0 47	20 8	1 4	10 27	2 14	23 29	0 10	21 41
S 17	9 12	15 21	4 18	17 49	1 49	8 27	0 16	22 52	0 49	20 7	1 4	10 30	2 13	23 29	0 10	21 41
S 18	9 34	12 28	3 26	18 20	1 56	8 9	0 11	22 50	0 51	20 6	1 4	10 32	2 13	23 30	0 10	21 41
M19	9 56	8 51	2 21	18 49	2 2	7 50	0 5	22 48	0 52	20 5	1 4	10 35	2 13	23 30	0 10	21 41
T 20	10 18	4 43	1 8	19 17	2 7	7 32	0n 0	22 46	0 54	20 5	1 4	10 37	2 13	23 30	0 10	21 41
W21	10 39	0 21	0n 9	19 45	2 13	7 12	0 6	22 44	0 56	20 4	1 4	10 40	2 13	23 30	0 10	21 41
T 22	11 0	4s 0	1 24	20 11	2 18	6 53	0 11	22 42	0 58	20 3	1 4	10 42	2 13	23 30	0 10	21 41
F 23	11 21	8 4	2 34	20 36	2 23	6 33	0 16	22 40	1 0	20 2	1 4	10 44	2 13	23 30	0 10	21 41
S 24	11 42	11 38	3 33	21 0	2 28	6 13	0 21	22 38	1 2	20 1	1 4	10 47	2 13	23 30	0 10	21 41
S 25	12 3	14 32	4 19	21 23	2 33	5 52	0 26	22 36	1 3	20 0	1 4	10 49	2 13	23 30	0 10	21 41
M26	12 24	16 39	4 51	21 45	2 37	5 31	0 30	22 35	1 5	19 59	1 4	10 52	2 13	23 30	0 10	21 41
T 27	12 44	17 53	5 8	22 5	2 40	5 10	0 35	22 33	1 7	19 57	1 4	10 54	2 13	23 30	0 10	21 41
W28	13 4	18 15	5 10	22 24	2 44	4 49	0 40	22 31	1 9	19 56	1 4	10 57	2 13	23 30	0 10	21 41
T 29	13 24	17 46	4 58	22 42	2 47	4 27	0 44	22 29	1 11	19 55	1 4	10 59	2 13	23 31	0 10	21 41
F 30	13 44	16 30	4 33	22 58	2 49	4 5	0 48	22 27	1 13	19 54	1 4	11 1	2 13	23 31	0 10	21 41
S 31	14s 4	14s32	3n57	23s13	2s51	3n43	0n52	22n26	1n15	19n53	1s 4	11s 4	2n13	23s31	0s10	21n41

Julian Day Number = 2477750.5, Delta T = 81.63 sec

Ecliptic obliquity = 23°25'39", Nutation = - 0°00'01", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 25°44'34", Lahiri = 24°51'34"

ASTRODIENST EPHEMERIS for the year 2071
geocentric

NOVEMBER 2071

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 41 35	8♍40°01	19♊28	2♊20	23♎46	24♊56	3♊R51	5♍ 3	25♊19	15♊R24	3♊R56	27♎12	25♎43	6♊18	8♊R34	S 1
M 2	2 45 32	9°40'01	1♋24	3°16	24°53	25°16	3♋II44	5°10	25°22	15♋23	3♋Y55	27°13	25°40	6°25	8♋Y31	M 2
T 3	2 49 28	10°40'02	13°29	4° 8	26° 0	25°35	3°37	5°17	25°25	15°23	3°54	27°15	25°37	6°31	8°29	T 3
W 4	2 53 25	11°40'05	25°49	4°56	27° 7	25°54	3°30	5°24	25°28	15°22	3°53	27°R16	25°34	6°38	8°27	W 4
T 5	2 57 21	12°40'10	8♌Y28	5°39	28°14	26°12	3°23	5°32	25°31	15°22	3°52	27°15	25°31	6°45	8°25	T 5
F 6	3 1 18	13°40'16	21°26	6°18	29°22	26°30	3°16	5°39	25°33	15°21	3°51	27°12	25°28	6°51	8°23	F 6
S 7	3 5 15	14°40'24	4♌46	6°51	0♌30	26°47	3° 9	5°46	25°36	15°20	3°50	27° 8	25°24	6°58	8°21	S 7
S 8	3 9 11	15°40'33	18°27	7°17	1°38	27° 4	3° 1	5°53	25°39	15°20	3°50	27° 1	25°21	7° 5	8°19	S 8
M 9	3 13 8	16°40'45	2♍II25	7°37	2°46	27°20	2°54	6° 0	25°42	15°19	3°49	26°53	25°18	7°12	8°17	M 9
T 10	3 17 4	17°40'58	16°36	7°50	3°54	27°36	2°46	6° 8	25°45	15°18	3°48	26°44	25°15	7°18	8°15	T 10
W11	3 21 1	18°41'14	0♎55	7°R54	5° 3	27°51	2°38	6°15	25°48	15°18	3°47	26°36	25°12	7°25	8°13	W11
T 12	3 24 57	19°41'31	15°17	7°50	6°12	28° 5	2°31	6°22	25°52	15°17	3°46	26°30	25° 8	7°32	8°11	T 12
F 13	3 28 54	20°41'50	29°36	7°36	7°21	28°19	2°23	6°29	25°55	15°16	3°46	26°26	25° 5	7°38	8° 9	F 13
S 14	3 32 50	21°42'12	13♌50	7°12	8°30	28°33	2°15	6°36	25°58	15°15	3°45	26°24	25° 2	7°45	8° 7	S 14
S 15	3 36 47	22°42'35	27°55	6°38	9°39	28°45	2° 7	6°43	26° 1	15°14	3°44	26°D23	24°59	7°52	8° 5	S 15
M16	3 40 44	23°43'00	11♎53	5°54	10°49	28°57	1°59	6°50	26° 4	15°13	3°44	26°24	24°56	7°58	8° 4	M16
T 17	3 44 40	24°43'27	25°41	5° 0	11°58	29° 9	1°51	6°57	26° 7	15°13	3°43	26°R25	24°53	8° 5	8° 2	T 17
W18	3 48 37	25°43'56	9♌20	3°57	13° 8	29°20	1°43	7° 4	26°11	15°12	3°42	26°24	24°49	8°12	8° 0	W18
T 19	3 52 33	26°44'26	22°50	2°46	14°18	29°30	1°35	7°11	26°14	15°11	3°42	26°21	24°46	8°18	7°59	T 19
F 20	3 56 30	27°44'59	6♍10	1°30	15°28	29°39	1°26	7°18	26°17	15°10	3°41	26°15	24°43	8°25	7°57	F 20
S 21	4 0 26	28°45'33	19°18	0°10	16°39	29°48	1°18	7°25	26°20	15° 9	3°40	26° 7	24°40	8°32	7°56	S 21
S 22	4 4 23	29°46'08	2♊14	28♍48	17°49	29°56	1°10	7°32	26°24	15° 7	3°40	25°56	24°37	8°38	7°54	S 22
M23	4 8 19	0♊46'45	14°56	27°28	19° 0	0♌ 3	1° 2	7°39	26°27	15° 6	3°39	25°44	24°33	8°45	7°53	M23
T 24	4 12 16	1°47'24	27°25	26°12	20°10	0°10	0°54	7°46	26°31	15° 5	3°39	25°31	24°30	8°52	7°52	T 24
W25	4 16 13	2°48'04	9♎40	25° 3	21°21	0°16	0°45	7°53	26°34	15° 4	3°38	25°20	24°27	8°59	7°50	W25
T 26	4 20 9	3°48'45	21°44	24° 3	22°32	0°21	0°37	7°59	26°37	15° 3	3°38	25°10	24°24	9° 5	7°49	T 26
F 27	4 24 6	4°49'27	3♊39	23°13	23°43	0°25	0°29	8° 6	26°41	15° 2	3°37	25° 3	24°21	9°12	7°48	F 27
S 28	4 28 2	5°50'10	15°28	22°33	24°54	0°29	0°21	8°13	26°44	15° 1	3°37	24°58	24°18	9°19	7°47	S 28
S 29	4 31 59	6°50'55	27°17	22° 6	26° 5	0°32	0°13	8°20	26°48	14°59	3°36	24°56	24°14	9°25	7°46	S 29
M30	4 35 55	7♊51'40	9♋10	21♍50	27♌17	0♌34	0♍ 5	8♍26	26♊51	14♎58	3♋36	24°D56	24♎11	9♊32	7♋45	M30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s23	11s57	3n11	23s26	2s53	3n20	0n56	22n24	1n18	19n52	1s 4	11s 6	2n13	23s31	0s10	21n41	0s52	13s48	16s45	1n 7	1n42	14s54	5n42	2n31	
M 2	14 42	8 52	2 16	23 38	2 53	2 57	1 0	22 23	1 20	19 50	1 4	11 9	2 13	23 31	0 10	21 41	0 52	13 48	16 45	1 6	1 43	14 53	5 41	2 31	
T 3	15 1	5 21	1 14	23 48	2 54	2 34	1 4	22 21	1 22	19 49	1 4	11 11	2 13	23 31	0 10	21 41	0 52	13 48	16 45	1 6	1 44	14 52	5 40	2 31	
W 4	15 20	1 32	0 8	23 56	2 53	2 11	1 8	22 20	1 24	19 48	1 4	11 13	2 13	23 31	0 10	21 41	0 52	13 48	16 45	1 5	1 46	14 51	5 39	2 31	
T 5	15 38	2n26	1s 0	24 3	2 51	1 48	1 12	22 18	1 26	19 46	1 4	11 16	2 13	23 31	0 10	21 41	0 52	13 48	16 45	1 6	1 47	14 49	5 38	2 30	
F 6	15 56	6 24	2 7	24 7	2 49	1 24	1 15	22 17	1 28	19 45	1 4	11 18	2 13	23 31	0 10	21 41	0 52	13 48	16 44	1 7	1 48	14 48	5 37	2 30	
S 7	16 14	10 9	3 8	24 10	2 46	1 0	1 19	22 16	1 30	19 44	1 4	11 21	2 13	23 31	0 10	21 41	0 52	13 49	16 44	1 9	1 50	14 47	5 36	2 30	
S 8	16 32	13 27	4 0	24 10	2 41	0 36	1 22	22 15	1 33	19 42	1 4	11 23	2 13	23 32	0 10	21 41	0 52	13 49	16 44	1 11	1 51	14 46	5 35	2 30	
M 9	16 49	16 4	4 39	24 8	2 35	0 12	1 25	22 14	1 35	19 41	1 4	11 25	2 13	23 32	0 10	21 41	0 52	13 49	16 44	1 14	1 52	14 45	5 35	2 30	
T 10	17 6	17 45	5 2	24 3	2 28	0s12	1 28	22 13	1 37	19 39	1 4	11 27	2 13	23 32	0 10	21 41	0 52	13 49	16 43	1 18	1 53	14 44	5 34	2 30	
W11	17 23	18 20	5 5	23 55	2 20	0 37	1 31	22 12	1 40	19 38	1 4	11 30	2 13	23 32	0 10	21 41	0 52	13 49	16 43	1 21	1 55	14 43	5 33	2 30	
T 12	17 39	17 45	4 50	23 45	2 10	1 1	1 34	22 12	1 42	19 37	1 4	11 32	2 13	23 32	0 10	21 41	0 52	13 49	16 43	1 23	1 56	14 42	5 32	2 29	
F 13	17 55	16 2	4 17	23 31	1 59	1 26	1 37	22 11	1 44	19 35	1 4	11 34	2 13	23 32	0 10	21 41	0 52	13 49	16 43	1 25	1 57	14 41	5 31	2 29	
S 14	18 11	13 21	3 28	23 14	1 46	1 51	1 39	22 11	1 47	19 34	1 4	11 37	2 13	23 32	0 10	21 42	0 52	13 49	16 42	1 26	1 58	14 40	5 30	2 29	
S 15	18 26	9 54	2 27	22 54	1 31	2 16	1 42	22 11	1 49	19 32	1 4	11 39	2 14	23 32	0 10	21 42	0 52	13 49	16 42	1 26	2 0	14 39	5 29	2 29	
M16	18 42	5 55	1 17	22 31	1 15	2 41	1 44	22 11	1 52	19 31	1 3	11 41	2 14	23 32	0 10	21 42	0 52	13 49	16 42	1 26	2 1	14 37	5 28	2 29	
T 17	18 56	1 39	0 4	22 4	0 58	3 6	1 46	22 11	1 54	19 29	1 3	11 43	2 14	23 32	0 10	21 42	0 52	13 49	16 41	1 26	2 2	14 36	5 28	2 29	
W18	19 11	2s39	1n 9	21 34	0 39	3 31	1 48	22 11	1 57	19 28	1 3	11 46	2 14	23 33	0 10	21 42	0 52	13 49	16 41	1 26	2 3	14 35	5 27	2 28	
T 19	19 25	6 46	2 16	21 1	0 19	3 56	1 50	22 11	1 59	19 26	1 3	11 48	2 14	23 33	0 10	21 42	0 52	13 49	16 41	1 27	2 5	14 34	5 26	2 28	
F 20	19 39	10 29	3 15	20 25	0n 2	4 22	1 52	22 12	2 2	19 25	1 3	11 50	2 14	23 33	0 10	21 42	0 52	13 49	16 41	1 29	2 6	14 33	5 25	2 28	
S 21	19 52	13 38	4 3	19 49	0 22	4 47	1 54	22 12	2 4	19 23	1 3	11 52	2 14	23 33	0 10	21 42	0 52	13 49	16 40	1 33	2 7	14 32	5 25	2 28	
S 22	20 5	16 4	4 37	19 12	0 42	5 12	1 56	22 13	2 7	19 21	1 3	11 54	2 14	23 33	0 10	21 42	0 52	13 49	16 40	1 37	2 8	14 31	5 24	2 28	
M23	20 18	17 39	4 57	18 35	1 2	5 37	1 57	22 14	2 9	19 20	1 3	11 57	2 14	23 33	0 10	21 42	0 52	13 49	16 40	1 42	2 10	14 30	5 23	2 27	
T 24	20 31	18 22	5 2	18 0	1 20	6 3	1 59	22 15	2 12	19 18	1 3	11 59	2 14	23 33	0 10	21 43	0 52	13 49	16 39	1 47	2 11	14 29	5 22	2 27	
W25	20 43	18 12	4 53	17 27	1 37	6 28	2 0	22 17	2 15	19 17	1 3	12 1	2 14	23 33	0 10	21 43	0 52	13 49	16 39	1 51	2 12	14 27	5 22	2 27	
T 26	20 54	17 13	4 31	16 58	1 51	6 53	2 2	22 18	2 17	19 15	1 2	12 3	2 14	23 33	0 10	21 43	0 52	13 49	16 39	1 55	2 13	14 26	5 21	2 27	
F 27	21 5	15 29	3 57	16 34	2 4	7 18	2 3	22 20	2 20	19 14	1 2	12 5	2 14	23 33	0 10	21 43	0 52	13 49	16 38	1 58	2 15	14 25	5 20	2 27	
S 28	21 16	13 6	3 13	16 14	2 15	7 43	2 4	22 22	2 23	19 12	1 2	12 7	2 14	23 34	0 10	21 43	0 52	13 49	16 38	2 0	2 16	14 24	5 20	2 27	
S 29	21 27	10 12	2 21	15 59	2 23	8 8	2 5	22 24	2 26	19 11	1 2	12 9	2 14	23 34	0 10	21 43	0 52	13 48	16 38	2 1	2 17	14 23	5 19	2 26	
M30	21s37	6s51	1n23	15s49	2n29	8s33	2n 5	22n26	2n28	19n 9	1s 2	12s11	2n15	23s34	0s10	21n43	0s52	13s48	16s38	2n 1	2n18	14s22	5n19	2n26	

ASTRODIENST EPHEMERIS for the year 2071
geocentric

DECEMBER 2071

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 39 52	8°52'26	21°14'14	21°D45	28°28'28	0°02'35	29°R57	8°M33	26°27'55	14°R57	3°R35	24°R56	24°M 8	9°23'39	7°R44	T 1
W 2	4 43 48	9°53'14	3°Y32	21°M.51	29°40	0°R35	29°B49	8°39	26°58	14°B55	3°Y35	24°M56	24° 5	9°45	7°Y43	W 2
T 3	4 47 45	10°54'02	16°11	22° 6	0°M.51	0°35	29°41	8°46	27° 2	14°54	3°35	24°54	24° 2	9°52	7°42	T 3
F 4	4 51 42	11°54'51	29°15	22°31	2° 3	0°34	29°33	8°52	27° 5	14°53	3°34	24°50	23°59	9°59	7°41	F 4
S 5	4 55 38	12°55'41	12°B45	23° 4	3°15	0°32	29°25	8°59	27° 9	14°51	3°34	24°43	23°55	10° 5	7°40	S 5
S 6	4 59 35	13°56'32	26°42	23°44	4°27	0°29	29°18	9° 5	27°12	14°50	3°34	24°33	23°52	10°12	7°39	S 6
M 7	5 3 31	14°57'24	11°II 2	24°31	5°39	0°25	29°10	9°12	27°16	14°49	3°33	24°22	23°49	10°19	7°39	M 7
T 8	5 7 28	15°58'17	25°39	25°24	6°51	0°21	29° 3	9°18	27°20	14°47	3°33	24°10	23°46	10°25	7°38	T 8
W 9	5 11 24	16°59'12	10°B27	26°21	8° 3	0°16	28°55	9°24	27°23	14°46	3°33	23°58	23°43	10°32	7°38	W 9
T 10	5 15 21	18° 0'07	25°16	27°23	9°16	0° 9	28°48	9°30	27°27	14°44	3°33	23°49	23°39	10°39	7°37	T 10
F 11	5 19 17	19° 1'03	9°B58	28°29	10°28	0° 2	28°41	9°37	27°30	14°43	3°33	23°42	23°36	10°45	7°37	F 11
S 12	5 23 14	20° 2'01	24°27	29°38	11°41	29°B55	28°34	9°43	27°34	14°41	3°32	23°38	23°33	10°52	7°36	S 12
S 13	5 27 11	21° 3'00	8°M41	0°27'50	12°53	29°46	28°27	9°49	27°38	14°40	3°32	23°36	23°30	10°59	7°36	S 13
M14	5 31 7	22° 3'59	22°37	2° 5	14° 6	29°36	28°20	9°55	27°41	14°38	3°32	23°36	23°27	11° 5	7°36	M14
T 15	5 35 4	23° 5'00	6°B16	3°22	15°19	29°26	28°13	10° 1	27°45	14°37	3°32	23°36	23°24	11°12	7°35	T 15
W16	5 39 0	24° 6'02	19°40	4°40	16°32	29°14	28° 6	10° 7	27°48	14°35	3°32	23°34	23°20	11°19	7°35	W16
T 17	5 42 57	25° 7'05	2°M.50	6° 0	17°44	29° 2	28° 0	10°13	27°52	14°34	3°32	23°30	23°17	11°26	7°35	T 17
F 18	5 46 53	26° 8'09	15°48	7°22	18°57	28°49	27°53	10°18	27°56	14°32	3°D32	23°23	23°14	11°32	7°35	F 18
S 19	5 50 50	27° 9'14	28°35	8°45	20°10	28°36	27°47	10°24	27°59	14°30	3°32	23°13	23°11	11°39	7°D35	S 19
S 20	5 54 46	28°10'19	11°27'12	10° 9	21°24	28°21	27°41	10°30	28° 3	14°29	3°32	23° 0	23° 8	11°46	7°35	S 20
M21	5 58 43	29°11'26	23°38	11°34	22°37	28° 6	27°35	10°35	28° 7	14°27	3°32	22°46	23° 5	11°52	7°35	M21
T 22	6 2 40	0°B12'32	5°B55	13° 0	23°50	27°50	27°29	10°41	28°10	14°26	3°32	22°31	23° 1	11°59	7°35	T 22
W23	6 6 36	1°13'40	18° 2	14°26	25° 3	27°33	27°24	10°46	28°14	14°24	3°32	22°17	22°58	12° 6	7°35	W23
T 24	6 10 33	2°14'48	29°59	15°54	26°16	27°16	27°18	10°52	28°18	14°22	3°33	22° 5	22°55	12°12	7°36	T 24
F 25	6 14 29	3°15'55	11°28'51	17°21	27°30	26°57	27°13	10°57	28°21	14°21	3°33	21°56	22°52	12°19	7°36	F 25
S 26	6 18 26	4°17'04	23°39	18°50	28°43	26°39	27° 8	11° 2	28°25	14°19	3°33	21°50	22°49	12°26	7°36	S 26
S 27	6 22 22	5°18'12	5°B26	20°19	29°57	26°19	27° 3	11° 8	28°28	14°17	3°33	21°47	22°45	12°32	7°37	S 27
M28	6 26 19	6°19'20	17°17	21°48	1°27'10	25°59	26°58	11°13	28°32	14°16	3°33	21°D46	22°42	12°39	7°37	M28
T 29	6 30 15	7°20'29	29°17	23°18	2°24	25°38	26°54	11°18	28°36	14°14	3°34	21°46	22°39	12°46	7°38	T 29
W30	6 34 12	8°21'37	11°Y32	24°48	3°37	25°17	26°49	11°23	28°39	14°12	3°34	21°R46	22°36	12°52	7°38	W30
T 31	6 38 9	9°B22'46	24°Y 6	26°27'18	4°27'51	24°B56	26°B45	11°M.28	28°27'43	14°B10	3°Y34	21°M45	22°M33	12°28'59	7°Y39	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21s46	3s11	0n20	15s43	2n34	8s58	2n 6	22n29	2n31	19n 7	1s 2	12s13	2n15	23s34	0s10	21n43	0s52
W 2	21 55	0n43	0s46	15 42	2 36	9 22	2 7	22 31	2 34	19 6	1 1	12 15	2 15	23 34	0 10	21 44	0 52
T 3	22 4	4 40	1 50	15 45	2 37	9 47	2 7	22 34	2 37	19 4	1 1	12 17	2 15	23 34	0 10	21 44	0 52
F 4	22 12	8 32	2 51	15 52	2 37	10 11	2 8	22 37	2 40	19 3	1 1	12 19	2 15	23 34	0 10	21 44	0 52
S 5	22 20	12 5	3 44	16 1	2 35	10 35	2 8	22 40	2 43	19 1	1 1	12 21	2 15	23 34	0 10	21 44	0 52
S 6	22 28	15 5	4 26	16 14	2 33	10 59	2 8	22 44	2 45	19 0	1 1	12 23	2 15	23 34	0 10	21 44	0 52
M 7	22 35	17 15	4 53	16 29	2 29	11 23	2 8	22 47	2 48	18 59	1 1	12 25	2 15	23 34	0 10	21 44	0 52
T 8	22 41	18 21	5 0	16 45	2 25	11 47	2 8	22 51	2 51	18 57	1 0	12 27	2 15	23 34	0 10	21 44	0 52
W 9	22 47	18 13	4 48	17 4	2 20	12 10	2 8	22 55	2 54	18 56	1 0	12 29	2 16	23 34	0 10	21 45	0 52
T 10	22 53	16 52	4 17	17 23	2 14	12 33	2 8	22 59	2 57	18 54	1 0	12 30	2 16	23 35	0 10	21 45	0 52
F 11	22 58	14 23	3 29	17 44	2 8	12 56	2 7	23 3	3 0	18 53	1 0	12 32	2 16	23 35	0 10	21 45	0 52
S 12	23 3	11 3	2 27	18 5	2 2	13 19	2 7	23 8	3 2	18 52	1 0	12 34	2 16	23 35	0 10	21 45	0 52
S 13	23 8	7 6	1 18	18 26	1 55	13 41	2 7	23 13	3 5	18 50	0 59	12 36	2 16	23 35	0 10	21 45	0 52
M14	23 11	2 51	0 5	18 48	1 48	14 3	2 6	23 17	3 8	18 49	0 59	12 38	2 16	23 35	0 10	21 45	0 52
T 15	23 15	1s28	1n 6	19 10	1 41	14 25	2 5	23 22	3 11	18 48	0 59	12 39	2 16	23 35	0 10	21 46	0 52
W16	23 18	5 38	2 13	19 32	1 33	14 47	2 5	23 27	3 14	18 46	0 59	12 41	2 16	23 35	0 10	21 46	0 52
T 17	23 20	9 27	3 11	19 54	1 26	15 8	2 4	23 33	3 17	18 45	0 59	12 43	2 17	23 35	0 10	21 46	0 52
F 18	23 22	12 45	3 59	20 15	1 18	15 29	2 3	23 38	3 19	18 44	0 58	12 44	2 17	23 35	0 10	21 46	0 52
S 19	23 24	15 24	4 33	20 36	1 10	15 49	2 2	23 44	3 22	18 43	0 58	12 46	2 17	23 35	0 10	21 46	0 52
S 20	23 25	17 16	4 54	20 56	1 2	16 10	2 1	23 49	3 25	18 42	0 58	12 48	2 17	23 35	0 10	21 46	0 52
M21	23 25	18 17	5 0	21 15	0 55	16 29	1 59	23 55	3 27	18 40	0 58	12 49	2 17	23 35	0 10	21 47	0 52
T 22	23 26	18 26	4 52	21 34	0 47	16 49	1 58	24 1	3 30	18 39	0 57	12 51	2 17	23 35	0 10	21 47	0 52
W23	23 25	17 45	4 31	21 52	0 39	17 8	1 57	24 7	3 33	18 38	0 57	12 52	2 17	23 35	0 10	21 47	0 52
T 24	23 24	16 16	3 58	22 10	0 31	17 26	1 55	24 13	3 35	18 37	0 57	12 54	2 18	23 35	0 10	21 47	0 52
F 25	23 23	14 6	3 15	22 26	0 24	17 44	1 54	24 19	3 37	18 36	0 57	12 55	2 18	23 36	0 10	21 47	0 52
S 26	23 21	11 23	2 23	22 41	0 16	18 2	1 52	24 25	3 40	18 36	0 56	12 57	2 18	23 36	0 11	21 47	0 52
S 27	23 19	8 11	1 26	22 56	0 9	18 19	1 51	24 31	3 42	18 35	0 56	12 58	2 18	23 36	0 11	21 48	0 52
M28	23 17	4 39	0 24	23 9	0 1	18 36	1 49	24 37	3 44	18 34	0 56	13 0	2 18	23 36	0 11	21 48	0 52
T 29	23 13	0 54	0s40	23 21	0s 6	18 53	1 47	24 43	3 47	18 33	0 56	13 1	2 18	23 36	0 11	21 48	0 52
W30	23 10	2n59	1 43	23 33	0 13	19 8	1 45	24 49	3 49	18 32	0 55	13 2	2 19	23 36	0 11	21 48	0 52
T 31	23s 6	6n49	2s43	23s43	0s20	19s24	1n44	24n55	3n51	18n31	0s55	13s 4	2n19	23s36	0s11	21n48	0s52

Julian Day Number = 2477811.5, Delta T = 81.69 sec
Ecliptic obliquity = 23°25'38", Nutation = - 0°00'03", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°44'42", Lahiri = 24°51'43"