



Astrodienst Ephemeris Tables for the year 2076

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 2076
geocentric

JANUARY 2076

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	6 42 12	10°25'15	27°42	12°R 8	18°26	1°11	13°25	23°12	14°47	23°R19	7°55	5°28	5°7	25°40	21°R40	W 1
T 2	6 46 8	11°26'24	11°13	10°346	19°38	1°22	13°30	23°19	14°51	23°17	7°55	5°29	5°4	25°46	21°D40	T 2
F 3	6 50 5	12°27'35	25°11	9°25	20°51	1°43	13°35	23°25	14°55	23°15	7°55	5°29	5°1	25°53	21°Y40	F 3
S 4	6 54 1	13°28'45	9°35	8°7	22°3	2°3	13°40	23°32	14°58	23°14	7°56	5°30	4°58	26°0	21°40	S 4
S 5	6 57 58	14°29'56	24°23	6°53	23°16	2°23	13°44	23°39	15°2	23°12	7°56	5°31	4°55	26°6	21°40	S 5
M 6	7 1 54	15°31'06	9°27	5°47	24°28	2°42	13°48	23°46	15°5	23°10	7°56	5°R31	4°52	26°13	21°40	M 6
T 7	7 5 51	16°32'17	24°41	4°50	25°41	3°1	13°52	23°53	15°9	23°9	7°57	5°30	4°48	26°20	21°40	T 7
W 8	7 9 48	17°33'28	9°52	4°2	26°53	3°20	13°56	23°59	15°13	23°7	7°57	5°29	4°45	26°26	21°41	W 8
T 9	7 13 44	18°34'38	24°53	3°24	28°5	3°38	14°0	24°6	15°16	23°5	7°57	5°28	4°42	26°33	21°41	T 9
F 10	7 17 41	19°35'48	9°35	2°56	29°17	3°56	14°4	24°13	15°20	23°4	7°58	5°26	4°39	26°40	21°42	F 10
S 11	7 21 37	20°36'58	23°52	2°38	0°29	4°13	14°7	24°19	15°23	23°2	7°58	5°24	4°36	26°46	21°42	S 11
S 12	7 25 34	21°38'06	7°43	2°D29	1°41	4°30	14°11	24°26	15°27	23°0	7°59	5°23	4°32	26°53	21°43	S 12
M13	7 29 30	22°39'15	21°7	2°30	2°53	4°47	14°14	24°32	15°30	22°59	7°59	5°D23	4°29	27°0	21°43	M13
T 14	7 33 27	23°40'22	4°6	2°38	4°5	5°3	14°17	24°39	15°34	22°57	8°0	5°23	4°26	27°6	21°44	T 14
W15	7 37 23	24°41'29	16°45	2°55	5°16	5°18	14°19	24°45	15°38	22°55	8°0	5°24	4°23	27°13	21°44	W15
T 16	7 41 20	25°42'36	29°6	3°18	6°28	5°33	14°22	24°52	15°41	22°53	8°1	5°26	4°20	27°20	21°45	T 16
F 17	7 45 17	26°43'42	11°14	3°48	7°39	5°48	14°24	24°58	15°45	22°52	8°1	5°27	4°17	27°26	21°46	F 17
S 18	7 49 13	27°44'47	23°12	4°23	8°50	6°2	14°26	25°5	15°48	22°50	8°2	5°29	4°13	27°33	21°47	S 18
S 19	7 53 10	28°45'51	5°5	5°4	10°2	6°16	14°28	25°11	15°52	22°48	8°3	5°R29	4°10	27°39	21°48	S 19
M20	7 57 6	29°46'55	16°54	5°50	11°13	6°29	14°30	25°17	15°55	22°47	8°3	5°29	4°7	27°46	21°49	M20
T 21	8 1 3	0°47'59	28°42	6°39	12°24	6°41	14°32	25°23	15°59	22°45	8°4	5°27	4°4	27°53	21°50	T 21
W22	8 4 59	1°49'01	10°31	7°33	13°35	6°53	14°33	25°30	16°2	22°43	8°5	5°23	4°1	27°59	21°51	W22
T 23	8 8 56	2°50'03	22°24	8°30	14°45	7°5	14°34	25°36	16°6	22°42	8°5	5°19	3°58	28°6	21°52	T 23
F 24	8 12 52	3°51'05	4°21	9°30	15°56	7°16	14°36	25°42	16°9	22°40	8°6	5°14	3°54	28°13	21°53	F 24
S 25	8 16 49	4°52'05	16°26	10°33	17°7	7°26	14°36	25°48	16°13	22°38	8°7	5°8	3°51	28°19	21°55	S 25
S 26	8 20 46	5°53'05	28°40	11°38	18°17	7°36	14°37	25°54	16°16	22°37	8°8	5°3	3°48	28°26	21°56	S 26
M27	8 24 42	6°54'05	11°5	12°46	19°27	7°45	14°38	26°0	16°19	22°35	8°8	4°59	3°45	28°33	21°57	M27
T 28	8 28 39	7°55'04	23°46	13°56	20°37	7°54	14°38	26°6	16°23	22°33	8°9	4°57	3°42	28°39	21°59	T 28
W29	8 32 35	8°56'02	6°15	15°8	21°47	8°2	14°R38	26°12	16°26	22°32	8°10	4°D56	3°38	28°46	22°0	W29
T 30	8 36 32	9°57'00	20°5	16°21	22°57	8°9	14°38	26°17	16°30	22°30	8°11	4°56	3°35	28°53	22°2	T 30
F 31	8 40 28	10°57'58	3°49	17°36	24°7	8°16	14°38	26°23	16°33	22°29	8°Y12	4°57	3°32	28°59	22°Y 3	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	23s 1	6s 4	4n54	20s31	2n22	17s 4	1s51	1n57	2n34	4s 6	1n18	22s 2	1n14	22s59	0s23	20n49	0s37	12s15	16s46	23n19	23n20	22n47	9n 5	0n42
T 2	22 56	11 5	4 18	20 23	2 37	16 40	1 50	1 50	2 36	4 8	1 18	22 2	1 14	22 59	0 23	20 49	0 37	12 15	16 46	23 19	23 20	22 46	9 5	0 42
F 3	22 51	15 43	3 26	20 16	2 50	16 16	1 49	1 43	2 37	4 9	1 18	22 2	1 14	22 58	0 23	20 49	0 37	12 15	16 45	23 19	23 20	22 46	9 5	0 41
S 4	22 45	19 35	2 19	20 11	3 0	15 51	1 48	1 36	2 38	4 11	1 18	22 3	1 14	22 58	0 23	20 49	0 37	12 14	16 45	23 19	23 20	22 45	9 5	0 41
S 5	22 38	22 17	1 2	20 8	3 8	15 26	1 46	1 29	2 39	4 12	1 19	22 3	1 14	22 57	0 23	20 50	0 37	12 14	16 45	23 19	23 20	22 45	9 5	0 41
M 6	22 32	23 27	0s22	20 5	3 13	15 0	1 45	1 23	2 40	4 14	1 19	22 3	1 14	22 57	0 23	20 50	0 37	12 13	16 44	23 19	23 20	22 45	9 5	0 41
T 7	22 24	22 54	1 44	20 5	3 16	14 35	1 43	1 16	2 42	4 15	1 19	22 4	1 14	22 57	0 23	20 50	0 37	12 13	16 44	23 19	23 21	22 44	9 5	0 41
W 8	22 17	20 39	2 59	20 6	3 16	14 8	1 42	1 10	2 43	4 17	1 19	22 4	1 14	22 56	0 23	20 51	0 37	12 12	16 43	23 19	23 21	22 44	9 5	0 41
T 9	22 8	17 0	4 1	20 8	3 15	13 42	1 40	1 4	2 44	4 18	1 20	22 4	1 14	22 56	0 23	20 51	0 37	12 12	16 43	23 19	23 21	22 43	9 5	0 41
F 10	22 0	12 22	4 45	20 12	3 12	13 15	1 38	0 58	2 45	4 19	1 20	22 5	1 14	22 55	0 23	20 51	0 37	12 11	16 43	23 19	23 21	22 43	9 5	0 41
S 11	21 51	7 11	5 10	20 17	3 7	12 48	1 36	0 52	2 47	4 20	1 20	22 5	1 14	22 55	0 23	20 52	0 37	12 11	16 42	23 19	23 21	22 42	9 5	0 41
S 12	21 41	1 47	5 16	20 23	3 1	12 20	1 34	0 47	2 48	4 21	1 21	22 5	1 14	22 55	0 23	20 52	0 37	12 10	16 42	23 19	23 21	22 42	9 5	0 40
M13	21 32	3n31	5 5	20 30	2 54	11 52	1 32	0 41	2 49	4 22	1 21	22 5	1 14	22 54	0 23	20 52	0 37	12 10	16 42	23 19	23 21	22 41	9 5	0 40
T 14	21 21	8 31	4 38	20 38	2 47	11 24	1 30	0 36	2 50	4 23	1 21	22 6	1 14	22 54	0 23	20 52	0 37	12 9	16 41	23 19	23 21	22 41	9 5	0 40
W15	21 11	13 2	3 58	20 46	2 38	10 56	1 27	0 31	2 52	4 24	1 21	22 6	1 14	22 53	0 23	20 53	0 37	12 9	16 41	23 19	23 21	22 40	9 5	0 40
T 16	21 0	16 53	3 8	20 54	2 29	10 27	1 25	0 26	2 53	4 24	1 22	22 6	1 14	22 53	0 23	20 53	0 37	12 8	16 41	23 19	23 21	22 40	9 6	0 40
F 17	20 48	19 58	2 10	21 2	2 20	9 58	1 22	0 22	2 54	4 25	1 22	22 7	1 14	22 53	0 23	20 53	0 37	12 8	16 40	23 19	23 22	22 39	9 6	0 40
S 18	20 36	22 8	1 7	21 11	2 10	9 29	1 20	0 17	2 55	4 26	1 22	22 7	1 14	22 52	0 23	20 54	0 37	12 7	16 40	23 19	23 22	22 39	9 6	0 40
S 19	20 24	23 18	0 2	21 19	2 1	8 59	1 17	0 13	2 57	4 26	1 22	22 7	1 14	22 52	0 23	20 54	0 37	12 7	16 40	23 19	23 22	22 38	9 6	0 40
M20	20 11	23 24	1n 2	21 27	1 51	8 30	1 14	0 9	2 58	4 27	1 23	22 7	1 14	22 51	0 23	20 54	0 37	12 6	16 39	23 19	23 22	22 38	9 7	0 40
T 21	19 58	22 26	2 4	21 35	1 41	8 0	1 11	0 5	2 59	4 27	1 23	22 7	1 14	22 51	0 23	20 54	0 37	12 5	16 39	23 19	23 22	22 37	9 7	0 40
W22	19 45	20 30	3 1	21 42	1 31	7 30	1 8	0 2	3 1	4 27	1 23	22 8	1 14	22 51	0 23	20 55	0 37	12 5	16 39	23 19	23 22	22 36	9 7	0 39
T 23	19 31	17 40	3 50	21 49	1 21	7 0	1 5	0s 2	3 2	4 28	1 23	22 8	1 14	22 50	0 23	20 55	0 37	12 4	16 38	23 19	23 22	22 36	9 7	0 39
F 24	19 17	14 5	4 29	21 55	1 11	6 30	1 2	0 5	3 3	4 28	1 24	22 8	1 14	22 50	0 23	20 55	0 37	12 4	16 38	23 20	23 22	22 35	9 8	0 39
S 25	19 2	9 54	4 56	22 0	1 1	5 59	0 59	0 8	3 4	4 28	1 24	22 8	1 14	22 49	0 23	20 56	0 37	12 3	16 38	23 20	23 22	22 35	9 8	0 39
S 26	18 48	5 17	5 11	22 4	0 52	5 29	0 55	0 10	3 6	4 28	1 24	22 8	1 14	22 49	0 23	20 56	0 37	12 3	16 37	23 20	23 22	22 34	9 9	0 39
M27	18 32	0 23	5 11	22 7	0 42	4 58	0 52	0 13	3 7	4 28	1 24	22 9	1 14	22 49	0 23	20 56	0 37	12 2	16 37	23 20	23 23	22 34	9 9	0 39
T 28	18 17	4s38	4 56	22 10	0 33	4 27	0 48	0 15	3 8	4 28	1 25	22 9	1 14	22 48	0 23	20 56	0 37	12 1	16 37	23 20	23 23	22 33	9 9	0 39
W29	18 1	9 34	4 26	22 11	0 23	3 56	0 45	0 17	3 10	4 27	1 25	22 9	1 14	22 48	0 23	20 57	0 37	12 1	16 36	23 20	23 23	22 32	9 10	0 39
T 30	17 45	14 12	3 41	22 11	0 14	3 25	0 41	0 18	3 11	4 27	1 25	22 9	1 14	22 47	0 23	20 57	0 37	12 0	16 36	23 20	23 23	22 32	9 10	0 39
F 31	17s28	18s15	2n42	22s11	0n 6	2s54	0s37	0s20	3n12	4s27	1n26	22s 9	1n14	22s47	0s23	20n57	0s37	12s 0	16s36	23n20	23n23	22n31	9n11	0n38

ASTRODIENST EPHEMERIS for the year 2076
geocentric

MARCH 2076

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 38 45	11 ¹⁸ 16'40	11 ²³ 43	3 ³⁰ 30	27 ²⁷ 26	5 ⁵ R58	13 ¹³ R 4	28 ²⁸ 44	18 ¹⁸ 2	21 ²¹ R49	8 ⁸ Y46	3 ³ R 0	1 ¹ 57	2 ² 19	23 ²³ Y11	S 1
M 2	10 42 42	12 ¹² 16'54	26 ²⁶ 17	5 ⁵ 17	28 ²⁸ 29	5 ⁵ 42	12 ¹² 58	28 ²⁸ 48	18 ¹⁸ 4	21 ²¹ 548	8 ⁸ 47	2 ² 58	1 ¹ 54	2 ² 26	23 ²³ 14	M 2
T 3	10 46 38	13 ¹³ 17'07	11 ¹¹ 5	7 ⁷ 5	29 ²⁹ 31	5 ⁵ 25	12 ¹² 53	28 ²⁸ 51	18 ¹⁸ 6	21 ²¹ 47	8 ⁸ 48	2 ² 54	1 ¹ 50	2 ² 33	23 ²³ 17	T 3
W 4	10 50 35	14 ¹⁴ 17'19	26 ²⁶ 2	8 ⁸ 53	0 ⁰ 33	5 ⁵ 8	12 ¹² 47	28 ²⁸ 55	18 ¹⁸ 9	21 ²¹ 46	8 ⁸ 50	2 ² 46	1 ¹ 47	2 ² 39	23 ²³ 20	W 4
T 5	10 54 31	15 ¹⁵ 17'28	11 ¹¹ 0	10 ¹⁰ 43	1 ¹ 34	4 ⁴ 49	12 ¹² 41	28 ²⁸ 58	18 ¹⁸ 11	21 ²¹ 45	8 ⁸ 51	2 ² 37	1 ¹ 44	2 ² 46	23 ²³ 23	T 5
F 6	10 58 28	16 ¹⁶ 17'36	25 ²⁵ 49	12 ¹² 34	2 ² 35	4 ⁴ 31	12 ¹² 34	29 ²⁹ 1	18 ¹⁸ 13	21 ²¹ 44	8 ⁸ 52	2 ² 25	1 ¹ 41	2 ² 53	23 ²³ 26	F 6
S 7	11 2 24	17 ¹⁷ 17'42	10 ¹⁰ Y19	14 ¹⁴ 26	3 ³ 36	4 ⁴ 11	12 ¹² 28	29 ²⁹ 4	18 ¹⁸ 16	21 ²¹ 44	8 ⁸ 54	2 ² 14	1 ¹ 38	2 ² 59	23 ²³ 29	S 7
S 8	11 6 21	18 ¹⁸ 17'46	24 ²⁴ 26	16 ¹⁶ 19	4 ⁴ 36	3 ³ 51	12 ¹² 22	29 ²⁹ 7	18 ¹⁸ 18	21 ²¹ 43	8 ⁸ 55	2 ² 4	1 ¹ 35	3 ³ 6	23 ²³ 32	S 8
M 9	11 10 17	19 ¹⁹ 17'48	8 ⁸ 5	18 ¹⁸ 13	5 ⁵ 36	3 ³ 31	12 ¹² 15	29 ²⁹ 10	18 ¹⁸ 20	21 ²¹ 42	8 ⁸ 56	1 ¹ 56	1 ¹ 31	3 ³ 13	23 ²³ 35	M 9
T 10	11 14 14	20 ²⁰ 17'47	21 ²¹ 16	20 ²⁰ 8	6 ⁶ 35	3 ³ 10	12 ¹² 8	29 ²⁹ 13	18 ¹⁸ 22	21 ²¹ 41	8 ⁸ 58	1 ¹ 50	1 ¹ 28	3 ³ 19	23 ²³ 38	T 10
W 11	11 18 10	21 ²¹ 17'45	4 ⁴ II 1	22 ²² 4	7 ⁷ 34	2 ² 49	12 ¹² 2	29 ²⁹ 16	18 ¹⁸ 24	21 ²¹ 41	8 ⁸ 59	1 ¹ 47	1 ¹ 25	3 ³ 26	23 ²³ 41	W 11
T 12	11 22 7	22 ²² 17'40	16 ¹⁶ 23	24 ²⁴ 0	8 ⁸ 32	2 ² 27	11 ¹¹ 55	29 ²⁹ 18	18 ¹⁸ 26	21 ²¹ 40	9 ⁹ 1	1 ¹ 46	1 ¹ 22	3 ³ 33	23 ²³ 44	T 12
F 13	11 26 4	23 ²³ 17'34	28 ²⁸ 29	25 ²⁵ 58	9 ⁹ 30	2 ² 5	11 ¹¹ 48	29 ²⁹ 21	18 ¹⁸ 28	21 ²¹ 39	9 ⁹ 2	1 ¹ 46	1 ¹ 19	3 ³ 39	23 ²³ 47	F 13
S 14	11 30 0	24 ²⁴ 17'25	10 ¹⁰ 523	27 ²⁷ 56	10 ¹⁰ 28	1 ¹ 42	11 ¹¹ 41	29 ²⁹ 23	18 ¹⁸ 30	21 ²¹ 39	9 ⁹ 4	1 ¹ 46	1 ¹ 15	3 ³ 46	23 ²³ 51	S 14
S 15	11 33 57	25 ²⁵ 17'14	22 ²² 12	29 ²⁹ 54	11 ¹¹ 24	1 ¹ 20	11 ¹¹ 34	29 ²⁹ 26	18 ¹⁸ 32	21 ²¹ 38	9 ⁹ 5	1 ¹ 44	1 ¹ 12	3 ³ 53	23 ²³ 54	S 15
M 16	11 37 53	26 ²⁶ 17'00	3 ³ II 59	1 ¹ Y53	12 ¹² 21	0 ⁰ 57	11 ¹¹ 27	29 ²⁹ 28	18 ¹⁸ 34	21 ²¹ 38	9 ⁹ 6	1 ¹ 41	1 ¹ 9	3 ³ 59	23 ²³ 57	M 16
T 17	11 41 50	27 ²⁷ 16'45	15 ¹⁵ 50	3 ³ 53	13 ¹³ 16	0 ⁰ 34	11 ¹¹ 19	29 ²⁹ 30	18 ¹⁸ 36	21 ²¹ 37	9 ⁹ 8	1 ¹ 34	1 ¹ 6	4 ⁴ 6	24 ²⁴ 0	T 17
W 18	11 45 46	28 ²⁸ 16'27	27 ²⁷ 49	5 ⁵ 52	14 ¹⁴ 11	0 ⁰ 10	11 ¹¹ 12	29 ²⁹ 32	18 ¹⁸ 38	21 ²¹ 37	9 ⁹ 9	1 ¹ 25	1 ¹ 3	4 ⁴ 13	24 ²⁴ 4	W 18
T 19	11 49 43	29 ²⁹ 16'07	9 ⁹ II 57	7 ⁷ 51	15 ¹⁵ 6	29 ²⁹ II 47	11 ¹¹ 5	29 ²⁹ 34	18 ¹⁸ 39	21 ²¹ 36	9 ⁹ 11	1 ¹ 14	1 ¹ 0	4 ⁴ 19	24 ²⁴ 7	T 19
F 20	11 53 39	0 ⁰ Y15'45	22 ²² 17	9 ⁹ 49	16 ¹⁶ 0	29 ²⁹ 24	10 ¹⁰ 57	29 ²⁹ 36	18 ¹⁸ 41	21 ²¹ 36	9 ⁹ 12	1 ¹ 0	0 ⁰ 56	4 ⁴ 26	24 ²⁴ 10	F 20
S 21	11 57 36	1 ¹ 15'21	4 ⁴ II 49	11 ¹¹ 47	16 ¹⁶ 53	29 ²⁹ 0	10 ¹⁰ 50	29 ²⁹ 38	18 ¹⁸ 43	21 ²¹ 35	9 ⁹ 14	0 ⁰ 46	0 ⁰ 53	4 ⁴ 33	24 ²⁴ 14	S 21
S 22	12 1 33	2 ² 14'55	17 ¹⁷ 34	13 ¹³ 43	17 ¹⁷ 45	28 ²⁸ 37	10 ¹⁰ 42	29 ²⁹ 40	18 ¹⁸ 44	21 ²¹ 35	9 ⁹ 15	0 ⁰ 33	0 ⁰ 50	4 ⁴ 39	24 ²⁴ 17	S 22
M 23	12 5 29	3 ³ 14'27	0 ⁰ II 30	15 ¹⁵ 38	18 ¹⁸ 37	28 ²⁸ 13	10 ¹⁰ 35	29 ²⁹ 41	18 ¹⁸ 46	21 ²¹ 35	9 ⁹ 17	0 ⁰ 21	0 ⁰ 47	4 ⁴ 46	24 ²⁴ 20	M 23
T 24	12 9 26	4 ⁴ 13'57	13 ¹³ 37	17 ¹⁷ 31	19 ¹⁹ 28	27 ²⁷ 50	10 ¹⁰ 27	29 ²⁹ 43	18 ¹⁸ 47	21 ²¹ 34	9 ⁹ 18	0 ⁰ 12	0 ⁰ 44	4 ⁴ 53	24 ²⁴ 24	T 24
W 25	12 13 22	5 ⁵ 13'25	26 ²⁶ 56	19 ¹⁹ 21	20 ²⁰ 19	27 ²⁷ 27	10 ¹⁰ 19	29 ²⁹ 44	18 ¹⁸ 49	21 ²¹ 34	9 ⁹ 20	0 ⁰ 6	0 ⁰ 41	4 ⁴ 59	24 ²⁴ 27	W 25
T 26	12 17 19	6 ⁶ 12'52	10 ¹⁰ II 25	21 ²¹ 8	21 ²¹ 8	27 ²⁷ 4	10 ¹⁰ 12	29 ²⁹ 46	18 ¹⁸ 50	21 ²¹ 34	9 ⁹ 21	0 ⁰ 3	0 ⁰ 37	5 ⁵ 6	24 ²⁴ 31	T 26
F 27	12 21 15	7 ⁷ 12'17	24 ²⁴ 5	22 ²² 53	21 ²¹ 57	26 ²⁶ 41	10 ¹⁰ 4	29 ²⁹ 47	18 ¹⁸ 52	21 ²¹ 34	9 ⁹ 22	0 ⁰ 2	0 ⁰ 34	5 ⁵ 13	24 ²⁴ 34	F 27
S 28	12 25 12	8 ⁸ 11'40	7 ⁷ 57	24 ²⁴ 33	22 ²² 45	26 ²⁶ 19	9 ⁹ 56	29 ²⁹ 48	18 ¹⁸ 53	21 ²¹ 34	9 ⁹ 24	0 ⁰ 2	0 ⁰ 31	5 ⁵ 19	24 ²⁴ 38	S 28
S 29	12 29 8	9 ⁹ 11'01	22 ²² 2	26 ²⁶ 10	23 ²³ 32	25 ²⁵ 56	9 ⁹ 48	29 ²⁹ 49	18 ¹⁸ 54	21 ²¹ 33	9 ⁹ 25	0 ⁰ 2	0 ⁰ 28	5 ⁵ 26	24 ²⁴ 41	S 29
M 30	12 33 5	10 ¹⁰ 10'21	6 ⁶ II 18	27 ²⁷ 42	24 ²⁴ 18	25 ²⁵ 35	9 ⁹ 41	29 ²⁹ 50	18 ¹⁸ 55	21 ²¹ 33	9 ⁹ 27	29 ²⁹ II 59	0 ⁰ 25	5 ⁵ 33	24 ²⁴ 45	M 30
T 31	12 37 2	11 ¹¹ Y 9'39	20 ²⁰ II 44	29 ²⁹ Y 9	25 ²⁵ 8 3	25 ²⁵ II 13	9 ⁹ 43	29 ²⁹ 51	18 ¹⁸ 57	21 ²¹ 33	9 ⁹ Y 28	29 ²⁹ II 55	0 ⁰ 21	5 ⁵ II 39	24 ²⁴ Y 48	T 31

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	decl	lat	decl	lat
S 1	7s20	23s41	0s46	12s12	2s 7	12n15	1n48	1n 2	3n42	3s44	1n33	22s11	1n15	22s36	0s23	21n 4	0s36	11s40	16s29	23n24	23n25	22n10	9n33	0n36									
M 2	6 57	22 51	2 0	11 31	2 6	12 42	1 54	1 8	3 42	3 42	1 33	22 11	1 15	22 36	0 23	21 5	0 36	11 39	16 29	23 24	23 25	22 10	9 34	0 35									
T 3	6 34	20 27	3 8	10 50	2 4	13 10	2 0	1 15	3 43	3 39	1 33	22 11	1 15	22 36	0 23	21 5	0 36	11 39	16 29	23 24	23 25	22 9	9 35	0 35									
W 4	6 11	16 38	4 2	10 7	2 2	13 37	2 5	1 22	3 43	3 37	1 33	22 11	1 15	22 35	0 23	21 5	0 36	11 38	16 28	23 24	23 25	22 8	9 36	0 35									
T 5	5 48	11 46	4 41	9 23	1 59	14 4	2 11	1 30	3 43	3 35	1 33	22 11	1 15	22 35	0 24	21 5	0 36	11 37	16 28	23 24	23 25	22 7	9 37	0 35									
F 6	5 24	6 15	5 0	8 38	1 56	14 30	2 17	1 37	3 43	3 32	1 33	22 11	1 15	22 35	0 24	21 5	0 36	11 37	16 28	23 24	23 25	22 6	9 38	0 35									
S 7	5 1	0 30	4 59	7 51	1 53	14 56	2 22	1 45	3 43	3 29	1 34	22 10	1 15	22 34	0 24	21 5	0 36	11 36	16 28	23 25	23 25	22 6	9 39	0 35									
S 8	4 38	5n 8	4 39	7 4	1 48	15 22	2 28	1 52	3 43	3 27	1 34	22 10	1 15	22 34	0 24	21 6	0 36	11 35	16 28	23 25	23 25	22 5	9 40	0 35									
M 9	4 14	10 20	4 4	6 15	1 44	15 48	2 34	2 0	3 42	3 24	1 34	22 10	1 15	22 34	0 24	21 6	0 36	11 35	16 28	23 25	23 25	22 4	9 41	0 35									
T 10	3 51	14 54	3 17	5 25	1 38	16 13	2 39	2 8	3 42	3 21	1 34	22 10	1 15	22 34	0 24	21 6	0 36	11 34	16 28	23 25	23 25	22 3	9 43	0 35									
W 11	3 27	18 37	2 22	4 34	1 33	16 38	2 45	2 16	3 42	3 19	1 34	22 10	1 15	22 33	0 24	21 6	0 36	11 34	16 28	23 25	23 25	22 2	9 44	0 35									
T 12	3 3	21 24	1 21	3 42	1 26	17 2	2 51	2 25	3 41	3 16	1 34	22 10	1 15	22 33	0 24	21 6	0 36	11 33	16 27	23 25	23 25	22 1	9 45	0 35									
F 13	2 40	23 8	0 17	2 49	1 19	17 26	2 56	2 33	3 41	3 13	1 34	22 10	1 15	22 33	0 24	21 6	0 36	11 32	16 27	23 25	23 25	22 1	9 46	0 34									
S 14	2 16	23 47	0n46	1 55	1 12	17 50	3 2	2 41	3 40	3 10	1 34	22 10	1 15	22 33	0 24	21 6	0 36	11 32	16 27	23 25	23 25	22 0	9 47	0 34									
S 15	1 52	23 21	1 46	1 1	1 4	18 13	3 8	2 50	3 39	3 7	1 35	22 10	1 16	22 32	0 24	21 6	0 35	11 31	16 27	23 25	23 25	21 59	9 48	0 34									
M 16	1 29	21 52	2 42	0 5	0 55	18 36	3 13	2 58	3 39	3 4	1 35	22 10	1 16	22 32	0 24	21 7	0 35	11 30	16 27	23 25	23 25	21 58	9 49	0 34									
T 17	1 5	19 26	3 31	0n50	0 46	18 59	3 19	3 6	3 38	3 1	1 35	22 10	1 16	22 32	0 24	21 7	0 35	11 30	16 27	23 25	23 25	21 57	9 50	0 34									
W 18	0 41	16 9	4 11	1 47	0 36	19 21	3 25	3 15	3 37	2 58	1 35	22 10	1 16	22 32	0 24	21 7	0 35	11 29	16 27	23 25	23 26	21 56	9 51	0 34									
T 19	0 17	12 9	4 40	2 43	0 26	19 42	3 30	3 23	3 35	2 56	1 35	22 10	1 16	22 31	0 24	21 7	0 35	11 29	16 27	23 25	23 26	21 55	9 53	0 34									
F 20	0n 6	7 36	4 56	3 39	0 15	20 3	3 36	3 31	3 34	2 53	1 35	22 10	1 16	22 31	0 24	21 7	0 35	11 28	16 27	23 26	23 26	21 54	9 54	0 34									
S 21	0 30	2 40	4 59	4 35	0 4	20 24	3 41	3 39	3 33	2 50	1 35	22 10	1 16	22 31	0 24	21 7	0 35	11 27	16 27	23 26	23 26	21 53	9 55	0 34									
S 22	0 54	2s28	4 47	5 31	0n 7	20 45	3 47	3 47	3 32	2 47	1 35	22 10	1 16	22 31	0 24	21 7	0 35	11 27	16 27	23 26	23 26	21 53	9 56	0 34									
M 23	1 17	7 35	4 20	6 26	0 19	21 4	3 52	3 55	3 30	2 43	1 35	22 10	1 16	22 31	0 24	21 7	0 35	11 26	16 27	23 26	23 26	21 52	9 57	0 34									
T 24	1 41	12 26	3 39	7 21	0 31	21 24	3 57	4 3	3 29	2 40	1 35	22 10	1 16	22 31	0 24	21 7	0 35	11 26	16 27	23 26	23 26	21 51	9 58	0 34									
W 25	2 4	16 47	2 45	8 14	0 43	21 43	4 3	4 11	3 27	2 37	1 35	22 10	1 16	22 30	0 24	21 7	0 35	11 25	16 27	23 26	23 26	21 50	10 0	34									
T 26	2 28	20 19	1 42	9 6	0 55	22 1	4 8	4 18	3 25	2 34	1 35	22 10	1 16	22 30	0 24	21 7	0 35	11 24	16 27	23 26	23 26	21 49	10 1	0 33									
F 27	2 52	22 46	0 31	9 56	1 7	22 19	4 13	4 26	3 24	2 31	1 35	22 10	1 16	22 30	0 24	21 7	0 35	11 24	16 27	23 26	23 26	21 48	10 2	0 33									
S 28	3 15	23 53	0s42	10 45	1 19	22 37	4 18	4 33	3 22	2 28	1 35	22 9	1 16	22 30	0 24	21 8	0 35	11 23	16 27	23 26	23 26	21 47	10 3	0 33									
S 29	3 38	23 30	1 54	11 31	1 31	22 54	4 23	4 40	3 20	2 25	1 35	22 9	1 16	22 30	0 24	21 8	0 35	11 23	16 27	23 26	23 26	21 46	10 4	0 33									
M 30	4 2	21 35	2 59	12 15	1 43	23 10	4 28	4 47	3 18	2 22	1 35	22 9	1 16	22 30	0 24	21 8	0 35	11 22	16 27	23 26	23 26	21 45	10 6	0 33									
T 31	4n25	18s16	3s54	12n57	1n54	23n26	4n33	4n54	3n16	2s19	1n35	22s 9	1n16	22s29	0s24	21n 8	0s35	11s22	16s27	23n26	23n26	21n44	10n 7	0n33									

ASTRODIENST EPHEMERIS for the year 2076
geocentric

APRIL 2076

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 40 58	12° 8'55"	5° 17'	0° 31'	25° 47'	24° R52	9° R25	29° 51'	18° 58'	21° D33	9° 30'	29° R48	0° 18'	5° 46'	24° 52'	W 1
T 2	12 44 55	13° 8'09"	19° 49'	1° 48'	26° 31'	24° 32'	9° 17'	29° 52'	18° 59'	21° 33'	9° 31'	29° 38'	0° 15'	5° 53'	24° 55'	T 2
F 3	12 48 51	14° 7'21"	4° 16'	2° 59'	27° 13'	24° 12'	9° 10'	29° 52'	19° 0'	21° 33'	9° 33'	29° 27'	0° 12'	5° 59'	24° 59'	F 3
S 4	12 52 48	15° 6'32"	18° 30'	4° 3'	27° 54'	23° 52'	9° 2'	29° 53'	19° 1'	21° 33'	9° 34'	29° 16'	0° 9'	6° 6'	25° 2'	S 4
S 5	12 56 44	16° 5'40"	2° 26'	5° 2'	28° 34'	23° 33'	8° 54'	29° 53'	19° 2'	21° 34'	9° 36'	29° 5'	0° 6'	6° 13'	25° 6'	S 5
M 6	13 0 41	17° 4'46"	15° 58'	5° 54'	29° 13'	23° 15'	8° 47'	29° 53'	19° 3'	21° 34'	9° 37'	28° 56'	0° 2'	6° 19'	25° 9'	M 6
T 7	13 4 37	18° 3'50"	29° 7'	6° 40'	29° 50'	22° 58'	8° 39'	29° 53'	19° 3'	21° 34'	9° 39'	28° 50'	29° 59'	6° 26'	25° 13'	T 7
W 8	13 8 34	19° 2'52"	11° 52'	7° 19'	0° 27'	22° 41'	8° 32'	29° R53	19° 4'	21° 34'	9° 40'	28° 47'	29° 56'	6° 33'	25° 17'	W 8
T 9	13 12 31	20° 1'51"	24° 17'	7° 51'	1° 2'	22° 24'	8° 24'	29° 53'	19° 5'	21° 34'	9° 42'	28° D45	29° 53'	6° 39'	25° 20'	T 9
F 10	13 16 27	21° 0'49"	6° 25'	8° 16'	1° 35'	22° 9'	8° 17'	29° 53'	19° 6'	21° 35'	9° 43'	28° 45'	29° 50'	6° 46'	25° 24'	F 10
S 11	13 20 24	21° 59'44"	18° 22'	8° 35'	2° 7'	21° 54'	8° 9'	29° 53'	19° 6'	21° 35'	9° 44'	28° R46	29° 47'	6° 53'	25° 27'	S 11
S 12	13 24 20	22° 58'36"	0° 12'	8° 47'	2° 38'	21° 40'	8° 2'	29° 53'	19° 7'	21° 35'	9° 46'	28° 46'	29° 43'	6° 59'	25° 31'	S 12
M13	13 28 17	23° 57'27"	12° 2'	8° R53	3° 7'	21° 26'	7° 55'	29° 52'	19° 7'	21° 36'	9° 47'	28° 44'	29° 40'	7° 6'	25° 34'	M13
T 14	13 32 13	24° 56'15"	23° 56'	8° 52'	3° 35'	21° 13'	7° 48'	29° 51'	19° 8'	21° 36'	9° 49'	28° 40'	29° 37'	7° 13'	25° 38'	T 14
W15	13 36 10	25° 55'01"	5° 58'	8° 45'	4° 1'	21° 1'	7° 41'	29° 51'	19° 8'	21° 37'	9° 50'	28° 34'	29° 34'	7° 19'	25° 42'	W15
T 16	13 40 6	26° 53'45"	18° 13'	8° 32'	4° 25'	20° 50'	7° 34'	29° 50'	19° 8'	21° 37'	9° 52'	28° 25'	29° 31'	7° 26'	25° 45'	T 16
F 17	13 44 3	27° 52'26"	0° 43'	8° 14'	4° 47'	20° 40'	7° 27'	29° 49'	19° 9'	21° 38'	9° 53'	28° 15'	29° 27'	7° 33'	25° 49'	F 17
S 18	13 48 0	28° 51'05"	13° 29'	7° 50'	5° 8'	20° 30'	7° 20'	29° 48'	19° 9'	21° 38'	9° 54'	28° 4'	29° 24'	7° 39'	25° 52'	S 18
S 19	13 51 56	29° 49'43"	26° 31'	7° 22'	5° 27'	20° 22'	7° 13'	29° 47'	19° 9'	21° 39'	9° 56'	27° 54'	29° 21'	7° 46'	25° 56'	S 19
M20	13 55 53	0° 48'18"	9° 38'	6° 50'	5° 43'	20° 14'	7° 7'	29° 46'	19° 9'	21° 39'	9° 57'	27° 45'	29° 18'	7° 53'	26° 0'	M20
T 21	13 59 49	1° 46'52"	23° 19'	6° 15'	5° 58'	20° 6'	7° 0'	29° 45'	19° 9'	21° 40'	9° 59'	27° 38'	29° 15'	7° 59'	26° 3'	T 21
W22	14 3 46	2° 45'24"	7° 1'	5° 37'	6° 11'	20° 0'	6° 54'	29° 43'	19° R 9'	21° 41'	10° 0'	27° 34'	29° 12'	8° 6'	26° 7'	W22
T 23	14 7 42	3° 43'54"	20° 52'	4° 57'	6° 21'	19° 54'	6° 47'	29° 42'	19° 9'	21° 41'	10° 1'	27° 32'	29° 8'	8° 13'	26° 10'	T 23
F 24	14 11 39	4° 42'23"	4° 39'	4° 16'	6° 29'	19° 49'	6° 41'	29° 40'	19° 9'	21° 42'	10° 3'	27° D32	29° 5'	8° 19'	26° 14'	F 24
S 25	14 15 35	5° 40'50"	18° 52'	3° 35'	6° 35'	19° 45'	6° 35'	29° 39'	19° 9'	21° 43'	10° 4'	27° 33'	29° 2'	8° 26'	26° 17'	S 25
S 26	14 19 32	6° 39'15"	2° 59'	2° 54'	6° 39'	19° 42'	6° 29'	29° 37'	19° 9'	21° 44'	10° 5'	27° R34	28° 59'	8° 33'	26° 21'	S 26
M27	14 23 29	7° 37'39"	17° 9'	2° 15'	6° R41	19° 39'	6° 23'	29° 35'	19° 9'	21° 45'	10° 7'	27° 34'	28° 56'	8° 39'	26° 25'	M27
T 28	14 27 25	8° 36'01"	1° 20'	1° 37'	6° 40'	19° 38'	6° 18'	29° 33'	19° 9'	21° 45'	10° 8'	27° 32'	28° 53'	8° 46'	26° 28'	T 28
W29	14 31 22	9° 34'22"	15° 30'	1° 1'	6° 36'	19° 36'	6° 12'	29° 31'	19° 8'	21° 46'	10° 9'	27° 27'	28° 49'	8° 53'	26° 32'	W29
T 30	14 35 18	10° 32'41"	29° 37'	0° 29'	6° 31'	19° D36	6° 7'	29° 29'	19° 8'	21° 47'	10° 11'	27° 22'	28° 46'	8° 59'	26° 35'	T 30

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
W 1	4n48	13s49	4s34	13n36	2n 5	23n42	4n38	5n 0	3n14	2s16	1n35	22s 9	1n17	22s29	0s24	21n 8	0s35	11s21	16s27	23n26	23n26	21n43	10n 8	0n33	
T 2	5 11	8 34	4 57	14 12	2 15	23 56	4 42	5 6	3 11	2 13	1 35	22 9	1 17	22 29	0 24	21 8	0 35	11 20	16 27	23 26	23 26	21 42	10 9	0 33	
F 3	5 34	2 54	5 0	14 46	2 24	24 11	4 47	5 12	3 9	2 10	1 35	22 9	1 17	22 29	0 24	21 8	0 35	11 20	16 27	23 26	23 26	21 41	10 10	0 33	
S 4	5 57	2n52	4 45	15 16	2 33	24 25	4 51	5 18	3 7	2 7	1 35	22 9	1 17	22 29	0 24	21 8	0 35	11 19	16 27	23 26	23 26	21 40	10 12	0 33	
S 5	6 20	8 21	4 12	15 43	2 41	24 38	4 56	5 23	3 5	2 4	1 35	22 9	1 17	22 29	0 24	21 8	0 35	11 19	16 27	23 26	23 26	21 39	10 13	0 33	
M 6	6 42	13 19	3 26	16 8	2 48	24 51	5 0	5 28	3 2	2 1	1 35	22 9	1 17	22 29	0 24	21 8	0 35	11 18	16 27	23 26	23 26	21 38	10 14	0 33	
T 7	7 5	17 30	2 31	16 28	2 54	25 3	5 4	5 33	3 0	1 58	1 35	22 9	1 17	22 29	0 24	21 8	0 35	11 18	16 27	23 25	23 26	21 37	10 15	0 33	
W 8	7 27	20 44	1 29	16 46	2 59	25 15	5 8	5 37	2 57	1 55	1 35	22 9	1 17	22 29	0 24	21 8	0 35	11 17	16 27	23 25	23 26	21 36	10 17	0 32	
T 9	7 50	22 55	0 24	17 0	3 3	25 26	5 12	5 41	2 55	1 52	1 35	22 9	1 17	22 29	0 24	21 8	0 35	11 17	16 27	23 25	23 26	21 35	10 18	0 32	
F 10	8 12	23 57	0n41	17 11	3 5	25 37	5 15	5 45	2 52	1 50	1 35	22 9	1 17	22 28	0 24	21 8	0 35	11 16	16 27	23 25	23 26	21 34	10 19	0 32	
S 11	8 34	23 52	1 43	17 18	3 7	25 47	5 19	5 49	2 50	1 47	1 35	22 9	1 17	22 28	0 25	21 8	0 35	11 16	16 27	23 25	23 26	21 33	10 20	0 32	
S 12	8 56	22 42	2 39	17 22	3 7	25 56	5 22	5 52	2 47	1 44	1 35	22 9	1 17	22 28	0 25	21 8	0 35	11 15	16 27	23 25	23 26	21 32	10 22	0 32	
M13	9 17	20 32	3 29	17 23	3 5	26 5	5 25	5 55	2 45	1 41	1 35	22 9	1 17	22 28	0 25	21 8	0 35	11 15	16 27	23 25	23 26	21 31	10 23	0 32	
T 14	9 39	17 29	4 10	17 20	3 2	26 13	5 28	5 58	2 42	1 38	1 35	22 9	1 17	22 28	0 25	21 8	0 35	11 14	16 27	23 25	23 26	21 30	10 24	0 32	
W15	10 0	13 40	4 41	17 13	2 58	26 21	5 30	6 0	2 39	1 36	1 35	22 8	1 17	22 28	0 25	21 8	0 35	11 14	16 27	23 25	23 26	21 29	10 25	0 32	
T 16	10 22	9 15	4 59	17 3	2 52	26 27	5 32	6 2	2 37	1 33	1 35	22 8	1 17	22 28	0 25	21 8	0 35	11 14	16 28	23 25	23 26	21 28	10 27	0 32	
F 17	10 43	4 22	5 4	16 51	2 45	26 34	5 34	6 4	2 34	1 30	1 34	22 8	1 17	22 28	0 25	21 7	0 35	11 13	16 28	23 25	23 26	21 27	10 28	0 32	
S 18	11 4	0s49	4 53	16 35	2 36	26 39	5 36	6 5	2 32	1 28	1 34	22 8	1 17	22 28	0 25	21 7	0 34	11 13	16 28	23 25	23 26	21 26	10 29	0 32	
S 19	11 24	6 4	4 27	16 16	2 26	26 44	5 38	6 6	2 29	1 25	1 34	22 8	1 17	22 28	0 25	21 7	0 34	11 12	16 28	23 25	23 26	21 25	10 30	0 32	
M20	11 45	11 10	3 47	15 55	2 15	26 48	5 39	6 7	2 26	1 23	1 34	22 8	1 18	22 28	0 25	21 7	0 34	11 12	16 28	23 25	23 26	21 24	10 32	0 32	
T 21	12 5	15 48	2 53	15 31	2 2	26 52	5 39	6 7	2 24	1 20	1 34	22 8	1 18	22 28	0 25	21 7	0 34	11 11	16 28	23 25	23 26	21 23	10 33	0 32	
W22	12 25	19 42	1 48	15 5	1 48	26 54	5 40	6 7	2 21	1 18	1 34	22 8	1 18	22 28	0 25	21 7	0 34	11 11	16 28	23 24	23 26	21 22	10 34	0 31	
T 23	12 45	22 31	0 36	14 38	1 33	26 56	5 40	6 7	2 18	1 16	1 34	22 8	1 18	22 28	0 25	21 7	0 34	11 11	16 28	23 24	23 26	21 20	10 35	0 31	
F 24	13 5	24 0	0s39	14 10	1 18	26 58	5 40	6 7	2 16	1 13	1 34	22 8	1 18	22 28	0 25	21 7	0 34	11 10	16 29	23 24	23 26	21 19	10 37	0 31	
S 25	13 25	23 57	1 52	13 40	1 2	26 58	5 39	6 6	2 13	1 11	1 33	22 8	1 18	22 28	0 25	21 7	0 34	11 10	16 29	23 24	23 26	21 18	10 38	0 31	
S 26	13 44	22 23	2 59	13 11	0 45	26 57	5 38	6 5	2 10	1 9	1 33	22 8	1 18	22 28	0 25	21 7	0 34	11 9	16 29	23 24	23 26	21 17	10 39	0 31	
M27	14 3	19 25	3 55	12 41	0 28	26 56	5 36	6 3	2 8	1 7	1 33	22 8	1 18	22 28	0 25	21 7	0 34	11 9	16 29	23 24	23 26	21 16	10 40	0 31	
T 28	14 22	15 18	4 36	12 12	0 11	26 54	5 34	6 2	2 5	1 5	1 33	22 8	1 18	22 29	0 25	21 7	0 34	11 9	16 29	23 24	23 25	21 15	10 41	0 31	
W29	14 40	10 20	5 1	11 43	0s 7	26 51	5 32	6 0	2 3	1 3	1 33	22 8	1 18	22 29	0 25	21 6	0 34	11 8	16 29	23 24	23 25	21 14	10 43	0 31	
T 30	14n59	4s51	5s 7	11n16	0s24	26n47	5n28	5n57	2n 0	1s 1	1n33	22s 8	1n18	22s29	0s25	21n 6	0s34	11s 8	16s30	23n24	23n25	21n13	10n44	0n31	

ASTRODIENST EPHEMERIS for the year 2076
geocentric

MAY 2076

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 39 15	11°30'59	13°36	29°R59	6°R23	19°37	6°R 2	29°R27	19°R 8	21°48	10°12	27°R14	28°43	9°6	26°39	F 1
S 2	14 43 11	12°29'15	27°23	29°34	6°12	19°38	5°57	29°25	19°3	21°49	10°13	27°7	28°40	9°13	26°42	S 2
S 3	14 47 8	13°27'29	10°56	29°13	5°59	19°40	5°52	29°23	19° 7	21°50	10°15	27° 0	28°37	9°20	26°46	S 3
M 4	14 51 4	14°25'41	24°12	28°56	5°43	19°43	5°47	29°20	19° 6	21°51	10°16	26°54	28°33	9°26	26°49	M 4
T 5	14 55 1	15°23'52	7°11	28°44	5°26	19°46	5°42	29°18	19° 6	21°52	10°17	26°51	28°30	9°33	26°53	T 5
W 6	14 58 57	16°22'01	19°47	28°36	5° 5	19°50	5°38	29°15	19° 5	21°54	10°18	26°49	28°27	9°40	26°56	W 6
T 7	15 2 54	17°20'08	2°8	28°D33	4°43	19°55	5°33	29°13	19° 4	21°55	10°20	26°D49	28°24	9°46	26°59	T 7
F 8	15 6 51	18°18'14	14°15	28°35	4°18	20° 0	5°29	29°10	19° 3	21°56	10°21	26°50	28°21	9°53	27° 3	F 8
S 9	15 10 47	19°16'17	26°12	28°42	3°52	20° 7	5°25	29° 7	19° 3	21°57	10°22	26°51	28°18	10° 0	27° 6	S 9
S 10	15 14 44	20°14'19	8°4	28°53	3°23	20°13	5°21	29° 4	19° 2	21°58	10°23	26°53	28°14	10° 6	27°10	S 10
M 11	15 18 40	21°12'19	19°55	29° 9	2°53	20°21	5°18	29° 1	19° 1	22° 0	10°24	26°R54	28°11	10°13	27°13	M 11
T 12	15 22 37	22°10'17	1°50	29°29	2°21	20°29	5°14	28°58	19° 0	22° 1	10°25	26°53	28° 8	10°20	27°16	T 12
W 13	15 26 33	23° 8'13	13°54	29°54	1°47	20°38	5°11	28°55	18°59	22° 2	10°27	26°51	28° 5	10°26	27°20	W 13
T 14	15 30 30	24° 6'07	26°11	0°23	1°12	20°47	5° 8	28°52	18°58	22° 3	10°28	26°48	28° 2	10°33	27°23	T 14
F 15	15 34 26	25° 3'59	8°46	0°56	0°36	20°57	5° 5	28°49	18°57	22° 5	10°29	26°43	27°58	10°40	27°26	F 15
S 16	15 38 23	26° 1'50	21°40	1°32	29°59	21° 8	5° 2	28°45	18°56	22° 6	10°30	26°39	27°55	10°46	27°30	S 16
S 17	15 42 20	26°59'39	4°55	2°13	29°22	21°19	4°59	28°42	18°55	22° 8	10°31	26°34	27°52	10°53	27°33	S 17
M 18	15 46 16	27°57'27	18°29	2°58	28°44	21°31	4°57	28°39	18°53	22° 9	10°32	26°30	27°49	11° 0	27°36	M 18
T 19	15 50 13	28°55'13	2°22	3°46	28° 6	21°43	4°55	28°35	18°52	22°11	10°33	26°27	27°46	11° 6	27°39	T 19
W 20	15 54 9	29°52'58	16°29	4°37	27°29	21°56	4°53	28°32	18°51	22°12	10°34	26°25	27°43	11°13	27°42	W 20
T 21	15 58 6	0°11'50'41	0°346	5°32	26°51	22° 9	4°51	28°28	18°50	22°14	10°35	26°D25	27°39	11°20	27°46	T 21
F 22	16 2 2	1°48'24	15° 9	6°30	26°15	22°23	4°49	28°24	18°48	22°15	10°36	26°26	27°36	11°26	27°49	F 22
S 23	16 5 59	2°46'05	29°33	7°31	25°39	22°38	4°47	28°21	18°47	22°17	10°37	26°27	27°33	11°33	27°52	S 23
S 24	16 9 56	3°43'45	13°54	8°36	25° 4	22°53	4°46	28°17	18°45	22°18	10°38	26°28	27°30	11°40	27°55	S 24
M 25	16 13 52	4°41'25	28°10	9°43	24°31	23° 8	4°45	28°13	18°44	22°20	10°39	26°R29	27°27	11°46	27°58	M 25
T 26	16 17 49	5°39'03	12°18	10°53	23°59	23°24	4°44	28° 9	18°42	22°21	10°40	26°29	27°24	11°53	28° 1	T 26
W 27	16 21 45	6°36'40	26°16	12° 6	23°29	23°40	4°43	28° 5	18°41	22°23	10°41	26°28	27°20	12° 0	28° 4	W 27
T 28	16 25 42	7°34'16	10°3	13°22	23° 0	23°57	4°42	28° 1	18°39	22°25	10°42	26°27	27°17	12° 7	28° 7	T 28
F 29	16 29 38	8°31'52	23°37	14°41	22°34	24°15	4°42	27°57	18°38	22°27	10°43	26°24	27°14	12°13	28°10	F 29
S 30	16 33 35	9°29'26	6°59	16° 2	22° 9	24°32	4°42	27°53	18°36	22°28	10°44	26°22	27°11	12°20	28°13	S 30
S 31	16 37 31	10°11'27'00	20°8	17°26	21°47	24°51	4°D41	27°49	18°34	22°30	10°45	26°11	27°8	12°27	28°16	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	15n17	0n49	4s55	10n50	0s40	26n42	5n25	5n55	1n58	0s59	1n32	22s 8	1n18	22s29	0s25	21n 6
S 2	15 35	6 24	4 26	10 26	0 56	26 36	5 21	5 52	1 55	0 57	1 32	22 8	1 18	22 29	0 25	21 6
S 3	15 52	11 35	3 42	10 4	1 12	26 29	5 16	5 49	1 53	0 55	1 32	22 8	1 18	22 29	0 25	21 6
M 4	16 10	16 6	2 47	9 44	1 27	26 21	5 11	5 46	1 50	0 53	1 32	22 8	1 18	22 29	0 25	21 6
T 5	16 27	19 46	1 45	9 27	1 41	26 12	5 5	5 42	1 48	0 52	1 32	22 8	1 18	22 29	0 25	21 6
W 6	16 44	22 24	0 38	9 12	1 54	26 1	4 58	5 38	1 45	0 50	1 31	22 8	1 18	22 29	0 25	21 6
T 7	17 0	23 54	0n29	8 59	2 6	25 50	4 51	5 34	1 43	0 49	1 31	22 8	1 18	22 29	0 25	21 5
F 8	17 16	24 13	1 34	8 49	2 18	25 38	4 43	5 30	1 40	0 47	1 31	22 7	1 18	22 30	0 25	21 5
S 9	17 32	23 24	2 33	8 41	2 29	25 25	4 35	5 25	1 38	0 46	1 31	22 7	1 18	22 30	0 25	21 5
S 10	17 48	21 33	3 26	8 36	2 38	25 10	4 26	5 20	1 36	0 44	1 31	22 7	1 18	22 30	0 25	21 5
M 11	18 3	18 47	4 10	8 34	2 47	24 55	4 16	5 15	1 33	0 43	1 30	22 7	1 18	22 30	0 25	21 5
T 12	18 18	15 13	4 43	8 34	2 55	24 38	4 6	5 10	1 31	0 42	1 30	22 7	1 18	22 30	0 25	21 5
W 13	18 33	11 1	5 4	8 36	3 2	24 21	3 55	5 4	1 29	0 41	1 30	22 7	1 18	22 30	0 25	21 4
T 14	18 47	6 17	5 12	8 40	3 8	24 2	3 44	4 59	1 27	0 40	1 30	22 7	1 18	22 31	0 25	21 4
F 15	19 1	1 12	5 5	8 47	3 13	23 43	3 32	4 53	1 24	0 39	1 29	22 7	1 18	22 31	0 25	21 4
S 16	19 15	4s 4	4 43	8 55	3 17	23 23	3 19	4 47	1 22	0 38	1 29	22 7	1 18	22 31	0 26	21 4
S 17	19 29	9 18	4 5	9 6	3 20	23 3	3 7	4 40	1 20	0 37	1 29	22 7	1 18	22 31	0 26	21 4
M 18	19 42	14 14	3 13	9 19	3 23	22 41	2 53	4 34	1 18	0 36	1 29	22 7	1 18	22 31	0 26	21 3
T 19	19 55	18 32	2 8	9 33	3 25	22 20	2 40	4 27	1 16	0 36	1 29	22 7	1 18	22 31	0 26	21 3
W 20	20 7	21 51	0 54	9 50	3 25	21 58	2 26	4 20	1 14	0 35	1 28	22 7	1 18	22 32	0 26	21 3
T 21	20 19	23 50	0s24	10 8	3 26	21 35	2 12	4 13	1 12	0 35	1 28	22 7	1 18	22 32	0 26	21 3
F 22	20 31	24 15	1 41	10 27	3 25	21 13	1 58	4 5	1 10	0 34	1 28	22 7	1 18	22 32	0 26	21 2
S 23	20 42	23 3	2 52	10 48	3 24	20 50	1 44	3 58	1 8	0 34	1 28	22 7	1 18	22 32	0 26	21 2
S 24	20 53	20 21	3 52	11 11	3 22	20 28	1 29	3 50	1 6	0 33	1 27	22 7	1 18	22 32	0 26	21 2
M 25	21 4	16 27	4 38	11 34	3 19	20 6	1 15	3 42	1 4	0 33	1 27	22 7	1 18	22 33	0 26	21 2
T 26	21 14	11 39	5 5	11 59	3 16	19 44	1 1	3 34	1 2	0 33	1 27	22 7	1 18	22 33	0 26	21 2
W 27	21 24	6 18	5 15	12 25	3 12	19 23	0 46	3 26	1 0	0 33	1 27	22 7	1 18	22 33	0 26	21 1
T 28	21 34	0 43	5 6	12 52	3 7	19 2	0 32	3 17	0 58	0 33	1 26	22 7	1 18	22 33	0 26	21 1
F 29	21 43	4n49	4 40	13 20	3 2	18 42	0 19	3 9	0 56	0 33	1 26	22 7	1 18	22 34	0 26	21 1
S 30	21 52	10 4	4 0	13 49	2 56	18 23	0 5	3 0	0 54	0 33	1 26	22 7	1 18	22 34	0 26	21 1
S 31	22n 0	14n46	3s 7	14n19	2s50	18n 4	0s 8	2n51	0n52	0s33	1n26	22s 7	1n18	22s34	0s26	21n 0

Julian Day Number = 2479424.5, Delta T = 83.31 sec
Ecliptic obliquity = 23°25'46, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°48'24, Lahiri = 24°55'25

ASTRODIENST EPHEMERIS for the year 2076

geocentric

JUNE 2076

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 41 28	11 ^{II} 24'33	2 ^{II} 59	18 [♂] 53	21°R27	25 [♂] 9	4 [♂] 42	27°R45	18°R33	22 [♂] 32	10 [♂] 45	26°R18	27 ^{II} 4	12 [♂] 33	28 [♂] 18	M 1
T 2	16 45 25	12°22'04	15°38	20°22	21 [♂] 10	25°29	4°42	27°R41	18 [♂] 31	22°34	10°46	26 ^{II} 17	27° 1	12°40	28°21	T 2
W 3	16 49 21	13°19'35	28° 3	21°54	20°54	25°48	4°42	27°37	18°29	22°35	10°47	26°D17	26°58	12°47	28°24	W 3
T 4	16 53 18	14°17'05	10 [♂] 16	23°28	20°41	26° 8	4°43	27°32	18°27	22°37	10°48	26°17	26°55	12°53	28°27	T 4
F 5	16 57 14	15°14'33	22°19	25° 5	20°31	26°28	4°44	27°28	18°25	22°39	10°49	26°18	26°52	13° 0	28°29	F 5
S 6	17 1 11	16°12'01	4 [♂] 14	26°45	20°23	26°49	4°45	27°24	18°23	22°41	10°49	26°19	26°49	13° 7	28°32	S 6
S 7	17 5 7	17° 9'27	16° 5	28°27	20°17	27°10	4°46	27°19	18°21	22°43	10°50	26°20	26°45	13°13	28°35	S 7
M 8	17 9 4	18° 6'52	27°56	0 ^{II} 11	20°13	27°32	4°47	27°15	18°20	22°45	10°51	26°21	26°42	13°20	28°37	M 8
T 9	17 13 0	19° 4'16	9 [♂] 51	1°58	20°D12	27°54	4°49	27°11	18°18	22°46	10°51	26°21	26°39	13°27	28°40	T 9
W10	17 16 57	20° 1'39	21°54	3°48	20°14	28°16	4°50	27° 6	18°16	22°48	10°52	26°R21	26°36	13°33	28°43	W10
T 11	17 20 54	20°59'01	4 [♂] 11	5°40	20°17	28°39	4°52	27° 2	18°13	22°50	10°53	26°21	26°33	13°40	28°45	T 11
F 12	17 24 50	21°56'21	16°45	7°34	20°23	29° 2	4°54	26°58	18°11	22°52	10°53	26°21	26°30	13°47	28°47	F 12
S 13	17 28 47	22°53'41	29°40	9°31	20°31	29°25	4°56	26°53	18° 9	22°54	10°54	26°20	26°26	13°54	28°50	S 13
S 14	17 32 43	23°51'00	12 [♂] 58	11°30	20°41	29°49	4°59	26°49	18° 7	22°56	10°54	26°20	26°23	14° 0	28°52	S 14
M15	17 36 40	24°48'18	26°41	13°31	20°53	0 [♂] 13	5° 1	26°44	18° 5	22°58	10°55	26°20	26°20	14° 7	28°55	M15
T 16	17 40 36	25°45'35	10 [♂] 47	15°34	21° 7	0°37	5° 4	26°40	18° 3	23° 0	10°56	26°20	26°17	14°14	28°57	T 16
W17	17 44 33	26°42'52	25°13	17°39	21°23	1° 2	5° 7	26°36	18° 1	23° 2	10°56	26°20	26°14	14°20	28°59	W17
T 18	17 48 29	27°40'08	9 [♂] 53	19°46	21°41	1°27	5°10	26°31	17°59	23° 4	10°57	26°20	26°10	14°27	29° 1	T 18
F 19	17 52 26	28°37'24	24°42	21°54	22° 1	1°52	5°13	26°27	17°56	23° 6	10°57	26°20	26° 7	14°34	29° 4	F 19
S 20	17 56 23	29°34'39	9 [♂] 31	24° 3	22°23	2°18	5°16	26°22	17°54	23° 8	10°57	26°19	26° 4	14°40	29° 6	S 20
S 21	18 0 19	0 [♂] 31'54	24°14	26°13	22°46	2°44	5°20	26°18	17°52	23°11	10°58	26°19	26° 1	14°47	29° 8	S 21
M22	18 4 16	1°29'09	8 [♂] 45	28°24	23°11	3°10	5°24	26°14	17°50	23°13	10°58	26°19	25°58	14°54	29°10	M22
T 23	18 8 12	2°26'23	23° 0	0 [♂] 36	23°38	3°36	5°28	26° 9	17°47	23°15	10°59	26°18	25°55	15° 0	29°12	T 23
W24	18 12 9	3°23'38	6 [♂] 57	2°47	24° 6	4° 3	5°32	26° 5	17°45	23°17	10°59	26°D18	25°51	15° 7	29°14	W24
T 25	18 16 5	4°20'52	20°34	4°59	24°36	4°30	5°36	26° 0	17°43	23°19	10°59	26°18	25°48	15°14	29°16	T 25
F 26	18 20 2	5°18'06	3 [♂] 53	7°10	25° 7	4°57	5°40	25°56	17°40	23°21	11° 0	26°19	25°45	15°20	29°18	F 26
S 27	18 23 58	6°15'20	16°55	9°20	25°40	5°25	5°45	25°52	17°38	23°23	11° 0	26°20	25°42	15°27	29°20	S 27
S 28	18 27 55	7°12'35	29°42	11°30	26°14	5°52	5°49	25°47	17°36	23°25	11° 0	26°21	25°39	15°34	29°21	S 28
M29	18 31 52	8° 9'49	12 ^{II} 15	13°38	26°49	6°20	5°54	25°43	17°33	23°28	11° 1	26°22	25°36	15°41	29°23	M29
T 30	18 35 48	9 [♂] 7'03	24 ^{II} 36	15 [♂] 45	27 [♂] 25	6 [♂] 49	5 [♂] 59	25 [♂] 39	17 [♂] 31	23 [♂] 30	11 [♂] 1	26°R22	25 ^{II} 32	15 [♂] 47	29 [♂] 25	T 30

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
M 1	22n 8	18n42	2s 5	14n49	2s43	17n47	0s21	2n42	0n51	0s33	1n25	22s 7	1n18	22s34	0s26	21n 0	0s33	11s 2	16s38	23n23	23n24	20n33	11n19	0n29	
T 2	22 16	21 41	0 59	15 20	2 35	17 30	0 34	2 33	0 49	0 34	1 25	22 7	1 18	22 35	0 26	21 0	0 33	11 2	16 38	23 23	23 24	20 32	11 20	0 29	
W 3	22 23	23 35	0n10	15 51	2 28	17 14	0 46	2 23	0 47	0 34	1 25	22 7	1 18	22 35	0 26	20 59	0 33	11 2	16 38	23 23	23 24	20 31	11 21	0 29	
T 4	22 30	24 18	1 17	16 23	2 19	16 59	0 58	2 14	0 45	0 35	1 25	22 7	1 18	22 35	0 26	20 59	0 33	11 2	16 39	23 23	23 24	20 29	11 22	0 29	
F 5	22 37	23 52	2 19	16 55	2 10	16 46	1 9	2 4	0 44	0 35	1 24	22 7	1 18	22 36	0 26	20 59	0 33	11 2	16 39	23 23	23 24	20 28	11 23	0 29	
S 6	22 43	22 21	3 15	17 27	2 1	16 33	1 20	1 54	0 42	0 36	1 24	22 6	1 18	22 36	0 26	20 59	0 33	11 2	16 39	23 23	23 23	20 27	11 24	0 29	
S 7	22 49	19 52	4 2	17 59	1 52	16 21	1 31	1 44	0 40	0 36	1 24	22 6	1 18	22 36	0 26	20 58	0 33	11 2	16 40	23 23	23 23	20 25	11 25	0 29	
M 8	22 54	16 33	4 39	18 31	1 42	16 10	1 41	1 34	0 39	0 37	1 24	22 6	1 18	22 36	0 26	20 58	0 33	11 2	16 40	23 23	23 23	20 24	11 26	0 29	
T 9	22 59	12 34	5 4	19 3	1 32	16 1	1 51	1 24	0 37	0 38	1 23	22 6	1 18	22 37	0 26	20 58	0 33	11 2	16 40	23 23	23 23	20 22	11 27	0 29	
W10	23 3	8 3	5 16	19 34	1 21	15 52	2 0	1 14	0 35	0 39	1 23	22 6	1 18	22 37	0 26	20 57	0 33	11 2	16 41	23 23	23 23	20 21	11 27	0 29	
T 11	23 7	3 9	5 14	20 5	1 10	15 44	2 9	1 3	0 34	0 40	1 23	22 6	1 17	22 37	0 26	20 57	0 33	11 3	16 41	23 23	23 23	20 20	11 28	0 29	
F 12	23 11	2s 0	4 57	20 35	0 59	15 38	2 17	0 53	0 32	0 41	1 23	22 6	1 17	22 38	0 26	20 57	0 33	11 3	16 41	23 23	23 23	20 18	11 29	0 29	
S 13	23 14	7 12	4 25	21 4	0 48	15 32	2 25	0 42	0 31	0 42	1 22	22 6	1 17	22 38	0 26	20 57	0 33	11 3	16 42	23 23	23 23	20 17	11 30	0 29	
S 14	23 17	12 15	3 38	21 32	0 37	15 27	2 33	0 31	0 29	0 43	1 22	22 6	1 17	22 38	0 26	20 56	0 33	11 3	16 42	23 23	23 23	20 16	11 31	0 29	
M15	23 20	16 51	2 37	21 59	0 26	15 24	2 40	0 20	0 27	0 44	1 22	22 6	1 17	22 38	0 26	20 56	0 33	11 3	16 42	23 23	23 23	20 14	11 32	0 28	
T 16	23 22	20 39	1 25	22 24	0 15	15 21	2 47	0 9	0 26	0 46	1 22	22 6	1 17	22 39	0 26	20 56	0 33	11 3	16 43	23 23	23 23	20 13	11 32	0 28	
W17	23 23	23 14	0 6	22 48	0 4	15 19	2 53	0s 2	0 24	0 47	1 21	22 6	1 17	22 39	0 26	20 55	0 33	11 3	16 43	23 23	23 23	20 11	11 33	0 28	
T 18	23 25	24 18	1s15	23 9	0n 7	15 17	2 59	0 13	0 23	0 49	1 21	22 6	1 17	22 39	0 26	20 55	0 33	11 3	16 43	23 23	23 22	20 10	11 34	0 28	
F 19	23 25	23 39	2 31	23 29	0 18	15 17	3 5	0 25	0 22	0 50	1 21	22 6	1 17	22 40	0 26	20 55	0 33	11 3	16 44	23 23	23 22	20 9	11 35	0 28	
S 20	23 26	21 21	3 37	23 46	0 28	15 17	3 10	0 36	0 20	0 52	1 21	22 6	1 17	22 40	0 26	20 54	0 33	11 4	16 44	23 23	23 22	20 7	11 35	0 28	
S 21	23 26	17 40	4 29	24 1	0 38	15 18	3 15	0 48	0 19	0 53	1 20	22 6	1 17	22 40	0 26	20 54	0 33	11 4	16 45	23 23	23 22	20 6	11 36	0 28	
M22	23 25	12 57	5 2	24 13	0 48	15 20	3 20	1 0	0 17	0 55	1 20	22 6	1 17	22 41	0 26	20 54	0 33	11 4	16 45	23 23	23 22	20 4	11 37	0 28	
T 23	23 24	7 37	5 17	24 22	0 57	15 22	3 24	1 11	0 16	0 57	1 20	22 6	1 17	22 41	0 26	20 53	0 33	11 4	16 45	23 23	23 22	20 3	11 37	0 28	
W24	23 23	2 1	5 12	24 29	1 5	15 25	3 28	1 23	0 15	0 59	1 20	22 6	1 16	22 41	0 26	20 53	0 33	11 4	16 46	23 23	23 22	20 1	11 38	0 28	
T 25	23 21	3n34	4 49	24 33	1 13	15 29	3 32	1 35	0 13	1 0	1 19	22 6	1 16	22 42	0 26	20 53	0 33	11 5	16 46	23 23	23 22	20 0	11 39	0 28	
F 26	23 19	8 52	4 12	24 34	1 20	15 33	3 35	1 47	0 12	1 2	1 19	22 6	1 16	22 42	0 26	20 52	0 33	11 5	16 46	23 23	23 22	19 58	11 39	0 28	
S 27	23 17	13 40	3 22	24 33	1 27	15 38	3 38	1 59	0 11	1 4	1 19	22 6	1 16	22 42	0 26	20 52	0 33	11 5	16 47	23 23	23 22	19 57	11 40	0 28	
S 28	23 14	17 45	2 22	24 28	1 33	15 43	3 41	2 11	0 9	1 6	1 19	22 6	1 16	22 43	0 26	20 52	0 33	11 5	16 47	23 23	23 21	19 55	11 40	0 28	
M29	23 11	20 58	1 17	24 21	1 38	15 49	3 44	2 24	0 8	1 9	1 18	22 6	1 16	22 43	0 26	20 51	0 33	11 5	16 47	23 23	23 21	19 54	11 41	0 28	
T 30	23n 7	23n 9	0s10	24n11	1n42	15n55	3s46	2s36	0n 7	1s11	1n18	22s 6	1n16	22s43	0s26	20n51	0s33	11s 6	16s48	23n23	23n21	19n53	11n42	0n28	

ASTRODIENST EPHEMERIS for the year 2076
geocentric

JULY 2076

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 39 45	10 ⁵ 4'17	6 ⁵ 47	17 ⁵ 51	28 ⁸ 3	7 ¹ 17	6 ¹ 4	25°R35	17°R28	23 ⁵ 32	11 ⁷ 1	26°R22	25 ¹¹ 29	15 ¹ 54	29 ⁷ 26	W 1
T 2	18 43 41	11° 1'31	18°50	19°55	28°41	7°46	6°10	25°R30	17 ³ 26	23°34	11° 1	26 ¹¹ 21	25°26	16° 1	29°28	T 2
F 3	18 47 38	11°58'45	0 ¹ 46	21°58	29°21	8°15	6°15	25°26	17°24	23°36	11° 1	26°19	25°23	16° 7	29°30	F 3
S 4	18 51 34	12°55'58	12°38	23°58	0 ¹¹ 2	8°44	6°21	25°22	17°21	23°38	11° 2	26°17	25°20	16°14	29°31	S 4
S 5	18 55 31	13°53'12	24°28	25°57	0°44	9°14	6°26	25°18	17°19	23°41	11° 2	26°14	25°16	16°21	29°33	S 5
M 6	18 59 27	14°50'25	6 ¹¹ 19	27°54	1°26	9°44	6°32	25°14	17°16	23°43	11° 2	26°11	25°13	16°27	29°34	M 6
T 7	19 3 24	15°47'38	18°14	29°49	2°10	10°14	6°38	25°10	17°14	23°45	11° 2	26° 9	25°10	16°34	29°35	T 7
W 8	19 7 21	16°44'51	0 ¹ 17	1 ¹ 42	2°55	10°44	6°44	25° 6	17°12	23°47	11° 2	26° 7	25° 7	16°41	29°37	W 8
T 9	19 11 17	17°42'03	12°31	3°34	3°40	11°14	6°51	25° 2	17° 9	23°50	11° 2	26°D 6	25° 4	16°47	29°38	T 9
F 10	19 15 14	18°39'16	25° 2	5°23	4°26	11°45	6°57	24°58	17° 7	23°52	11°R 2	26° 6	25° 1	16°54	29°39	F 10
S 11	19 19 10	19°36'28	7 ¹¹ 53	7°10	5°13	12°16	7° 4	24°54	17° 4	23°54	11° 2	26° 7	24°57	17° 1	29°40	S 11
S 12	19 23 7	20°33'41	21° 7	8°55	6° 1	12°47	7°10	24°51	17° 2	23°56	11° 2	26° 9	24°54	17° 8	29°41	S 12
M13	19 27 3	21°30'53	4 ¹ 48	10°39	6°50	13°18	7°17	24°47	16°59	23°58	11° 2	26°10	24°51	17°14	29°42	M13
T 14	19 31 0	22°28'05	18°56	12°20	7°39	13°50	7°24	24°43	16°57	24° 1	11° 2	26°R11	24°48	17°21	29°44	T 14
W15	19 34 57	23°25'18	3 ³ 29	13°59	8°29	14°21	7°31	24°40	16°55	24° 3	11° 2	26°11	24°45	17°28	29°44	W15
T 16	19 38 53	24°22'31	18°22	15°37	9°19	14°53	7°38	24°36	16°52	24° 5	11° 2	26°10	24°42	17°34	29°45	T 16
F 17	19 42 50	25°19'44	3 ³ 29	17°12	10°11	15°25	7°46	24°33	16°50	24° 7	11° 1	26° 7	24°38	17°41	29°46	F 17
S 18	19 46 46	26°16'57	18°39	18°46	11° 3	15°57	7°53	24°29	16°47	24°10	11° 1	26° 3	24°35	17°48	29°47	S 18
S 19	19 50 43	27°14'11	3 ³ 43	20°17	11°55	16°30	8° 1	24°26	16°45	24°12	11° 1	25°59	24°32	17°54	29°48	S 19
M20	19 54 39	28°11'26	18°33	21°47	12°48	17° 2	8° 8	24°23	16°43	24°14	11° 1	25°55	24°29	18° 1	29°49	M20
T 21	19 58 36	29° 8'41	3 ⁷ 1	23°14	13°42	17°35	8°16	24°19	16°40	24°16	11° 1	25°52	24°26	18° 8	29°49	T 21
W22	20 2 32	0 ¹ 5'57	17° 4	24°39	14°36	18° 8	8°24	24°16	16°38	24°18	11° 0	25°50	24°22	18°15	29°50	W22
T 23	20 6 29	1° 3'14	0 ¹ 42	26° 3	15°31	18°41	8°32	24°13	16°36	24°21	11° 0	25°D49	24°19	18°21	29°50	T 23
F 24	20 10 26	2° 0'31	13°55	27°24	16°26	19°14	8°40	24°10	16°33	24°23	11° 0	25°49	24°16	18°28	29°51	F 24
S 25	20 14 22	2°57'50	26°47	28°43	17°22	19°48	8°49	24° 7	16°31	24°25	11° 0	25°51	24°13	18°35	29°51	S 25
S 26	20 18 19	3°55'10	9 ¹¹ 20	29°59	18°18	20°22	8°57	24° 4	16°29	24°27	10°59	25°52	24°10	18°41	29°52	S 26
M27	20 22 15	4°52'30	21°39	1 ¹¹ 15	19°15	20°55	9° 6	24° 1	16°27	24°30	10°59	25°R53	24° 7	18°48	29°52	M27
T 28	20 26 12	5°49'51	3 ³ 47	2°27	20°12	21°29	9°14	23°59	16°24	24°32	10°59	25°53	24° 3	18°55	29°52	T 28
W29	20 30 8	6°47'14	15°47	3°37	21°10	22° 4	9°23	23°56	16°22	24°34	10°58	25°51	24° 0	19° 1	29°53	W29
T 30	20 34 5	7°44'37	27°42	4°44	22° 8	22°38	9°32	23°53	16°20	24°36	10°58	25°47	23°57	19° 8	29°53	T 30
F 31	20 38 1	8 ¹ 42'01	9 ¹ 34	5 ¹¹ 49	23 ¹¹ 6	23 ¹ 12	9 ¹ 41	23 ¹ 51	16 ³ 18	24 ⁵ 38	10 ⁷ 57	25 ¹¹ 41	23 ¹¹ 54	19 ¹ 15	29 ⁷ 53	F 31

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
W 1	23n 3	24n13	0n57	23n59	1n46	16n 1	3s48	2s49	0n 5	1s13	1n18	22s 6	1n16	22s44	0s26	20n51	0s33	11s 6	16s48	23n23	23n21	19n51	11n42	0n28			
T 2	22 58	24 6	2 1	23 44	1 48	16 8	3 49	3 1	0 4	1 15	1 18	22 6	1 16	22 44	0 26	20 50	0 33	11 6	16 49	23 23	23 21	19 50	11 43	0 28			
F 3	22 53	22 53	2 59	23 27	1 50	16 15	3 51	3 14	0 3	1 18	1 18	22 6	1 16	22 44	0 26	20 50	0 33	11 6	16 49	23 23	23 21	19 48	11 43	0 28			
S 4	22 48	20 40	3 48	23 8	1 52	16 22	3 52	3 26	0 2	1 20	1 17	22 6	1 15	22 44	0 26	20 49	0 33	11 7	16 49	23 23	23 21	19 47	11 44	0 28			
S 5	22 42	17 34	4 28	22 47	1 52	16 29	3 53	3 39	0 1	1 23	1 17	22 6	1 15	22 45	0 26	20 49	0 33	11 7	16 50	23 23	23 21	19 45	11 44	0 28			
M 6	22 36	13 46	4 56	22 24	1 52	16 37	3 54	3 52	0s 1	1 25	1 17	22 6	1 15	22 45	0 26	20 49	0 33	11 7	16 50	23 22	23 21	19 44	11 45	0 27			
T 7	22 30	9 26	5 12	22 0	1 52	16 45	3 55	4 5	0 2	1 28	1 17	22 5	1 15	22 45	0 26	20 48	0 33	11 8	16 50	23 22	23 20	19 42	11 45	0 27			
W 8	22 23	4 41	5 14	21 34	1 50	16 53	3 55	4 18	0 3	1 30	1 16	22 5	1 15	22 46	0 26	20 48	0 33	11 8	16 51	23 22	23 20	19 40	11 45	0 27			
T 9	22 16	0s18	5 2	21 6	1 48	17 2	3 55	4 31	0 4	1 33	1 16	22 5	1 15	22 46	0 27	20 48	0 33	11 8	16 51	23 22	23 20	19 39	11 46	0 27			
F 10	22 8	5 24	4 36	20 37	1 46	17 10	3 55	4 44	0 5	1 36	1 16	22 5	1 15	22 46	0 27	20 47	0 33	11 9	16 52	23 22	23 20	19 37	11 46	0 27			
S 11	22 0	10 25	3 55	20 7	1 42	17 19	3 55	4 57	0 6	1 38	1 16	22 5	1 15	22 47	0 27	20 47	0 33	11 9	16 52	23 22	23 20	19 36	11 47	0 27			
S 12	21 51	15 7	3 1	19 36	1 38	17 27	3 55	5 10	0 8	1 41	1 15	22 5	1 14	22 47	0 27	20 47	0 33	11 9	16 52	23 22	23 20	19 34	11 47	0 27			
M13	21 43	19 12	1 55	19 4	1 34	17 36	3 54	5 23	0 9	1 44	1 15	22 5	1 14	22 47	0 27	20 46	0 33	11 10	16 53	23 22	23 20	19 33	11 47	0 27			
T 14	21 33	22 19	0 40	18 31	1 29	17 44	3 53	5 36	0 10	1 47	1 15	22 5	1 14	22 48	0 27	20 46	0 33	11 10	16 53	23 22	23 20	19 31	11 48	0 27			
W15	21 24	24 3	0s40	17 57	1 24	17 53	3 52	5 49	0 11	1 50	1 15	22 5	1 14	22 48	0 27	20 45	0 33	11 10	16 53	23 22	23 20	19 30	11 48	0 27			
T 16	21 14	24 8	1 59	17 23	1 18	18 2	3 51	6 3	0 12	1 53	1 15	22 5	1 14	22 48	0 27	20 45	0 33	11 11	16 54	23 22	23 19	19 28	11 48	0 27			
F 17	21 4	22 27	3 10	16 48	1 11	18 10	3 50	6 16	0 13	1 56	1 14	22 5	1 14	22 49	0 27	20 45	0 33	11 11	16 54	23 22	23 19	19 26	11 48	0 27			
S 18	20 53	19 10	4 8	16 13	1 5	18 19	3 49	6 29	0 14	1 59	1 14	22 5	1 14	22 49	0 27	20 44	0 33	11 12	16 54	23 22	23 19	19 25	11 49	0 27			
S 19	20 42	14 38	4 49	15 37	0 57	18 27	3 47	6 43	0 15	2 3	1 14	22 5	1 13	22 49	0 27	20 44	0 33	11 12	16 55	23 22	23 19	19 23	11 49	0 27			
M20	20 31	9 17	5 10	15 1	0 50	18 36	3 46	6 56	0 16	2 6	1 14	22 5	1 13	22 49	0 27	20 44	0 33	11 12	16 55	23 22	23 19	19 22	11 49	0 27			
T 21	20 19	3 32	5 10	14 25	0 42	18 44	3 44	7 10	0 17	2 9	1 14	22 5	1 13	22 50	0 27	20 43	0 33	11 13	16 56	23 22	23 19	19 20	11 49	0 27			
W22	20 7	2n13	4 51	13 49	0 33	18 52	3 42	7 23	0 18	2 12	1 13	22 5	1 13	22 50	0 27	20 43	0 32	11 13	16 56	23 22	23 19	19 19	11 49	0 27			
T 23	19 55	7 42	4 16	13 13	0 24	19 0	3 40	7 37	0 19	2 16	1 13	22 5	1 13	22 50	0 27	20 42	0 32	11 14	16 56	23 22	23 18	19 17	11 50	0 27			
F 24	19 42	12 41	3 29	12 36	0 15	19 8	3 38	7 50	0 20	2 19	1 13	22 6	1 13	22 51	0 27	20 42	0 32	11 14	16 57	23 22	23 18	19 15	11 50	0 27			
S 25	19 29	16 58	2 32	12 0	0 6	19 15	3 36	8 4	0 21	2 23	1 13	22 6	1 12	22 51	0 27	20 42	0 32	11 15	16 57	23 22	23 18	19 14	11 50	0 27			
S 26	19 16	20 23	1 29	11 24	0s 4	19 22	3 33	8 17	0 22	2 26	1 13	22 6	1 12	22 51	0 27	20 41	0 32	11 15	16 57	23 22	23 18	19 12	11 50	0 27			
M27	19 2	22 47	0 23	10 49	0 14	19 30	3 31	8 31	0 23	2 30	1 12	22 6	1 12	22 51	0 27	20 41	0 32	11 15	16 58	23 22	23 18	19 10	11 50	0 26			
T 28	18 48	24 5	0n43	10 13	0 24	19 36	3 28	8 45	0 24	2 33	1 12	22 6	1 12	22 52	0 27	20 40	0 32	11 16	16 58	23 22	23 18	19 9	11 50	0 26			
W29	18 34	24 15	1 46	9 38	0 35	19 43	3 26	8 58	0 25	2 37	1 12	22 6	1 12	22 52	0 27	20 40	0 32	11 16	16 58	23 22	23 18	19 7	11 50	0 26			
T 30	18 20	23 17	2 44	9 4	0 46	19 49	3 23	9 12	0 26	2 40	1 12	22 6	1 12	22 52	0 27	20 40	0 32	11 17	16 59	23 22	23 17	19 6	11 50	0 26			
F 31	18n 5	21n17	3n34	8n30	0s57	19n55	3s20	9s26	0s27	2s44	1n12	22s 6	1n12	22s53	0s27	20n39	0s32	11s17	16s59	23n22	23n17	19n 4	11n50	0n26			

ASTRODIENST EPHEMERIS for the year 2076

geocentric

AUGUST 2076

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 41 58	9♎39°25	21♏24	6♐52	24♑5	23♒47	9♓50	23°R48	16°R16	24♑40	10°R57	25°R34	23♑51	19♏22	29♑53	S 1
S 2	20 45 55	10°36'51	3♐15	7°52	25° 4	24°22	9°59	23♒46	16♑13	24°43	10°56	25♑26	23°48	19°28	29°R53	S 2
M 3	20 49 51	11°34'17	15° 8	8°48	26° 3	24°57	10° 8	23°44	16°11	24°45	10°56	25°17	23°44	19°35	29°53	M 3
T 4	20 53 48	12°31'43	27° 5	9°42	27° 3	25°32	10°18	23°42	16° 9	24°47	10°55	25° 9	23°41	19°42	29°53	T 4
W 5	20 57 44	13°29'11	9♓10	10°33	28° 4	26° 7	10°27	23°40	16° 7	24°49	10°55	25° 3	23°38	19°48	29°53	W 5
T 6	21 1 141	14°26'39	21°25	11°20	29° 4	26°43	10°37	23°38	16° 5	24°51	10°54	24°58	23°35	19°55	29°52	T 6
F 7	21 5 37	15°24'08	3♐54	12° 4	0♑5	27°18	10°47	23°36	16° 3	24°53	10°54	24°55	23°32	20° 2	29°52	F 7
S 8	21 9 34	16°21'38	16°41	12°45	1° 6	27°54	10°56	23°34	16° 1	24°55	10°53	24°D55	23°28	20° 8	29°52	S 8
S 9	21 13 30	17°19'09	29°49	13°21	2° 8	28°30	11° 6	23°32	15°59	24°57	10°53	24°55	23°25	20°15	29°52	S 9
M10	21 17 27	18°16'40	13♒22	13°54	3° 9	29° 6	11°16	23°30	15°57	25° 0	10°52	24°56	23°22	20°22	29°51	M10
T 11	21 21 24	19°14'13	27°22	14°22	4°11	29°42	11°26	23°29	15°55	25° 2	10°51	24°R56	23°19	20°29	29°51	T 11
W12	21 25 20	20°11'46	11♑49	14°46	5°14	0♐18	11°36	23°27	15°53	25° 4	10°51	24°55	23°16	20°35	29°50	W12
T 13	21 29 17	21° 9'20	26°40	15° 6	6°17	0°55	11°46	23°26	15°52	25° 6	10°50	24°52	23°13	20°42	29°50	T 13
F 14	21 33 13	22° 6'55	11♓50	15°20	7°19	1°31	11°57	23°25	15°50	25° 8	10°49	24°46	23° 9	20°49	29°49	F 14
S 15	21 37 10	23° 4'32	27° 8	15°30	8°23	2° 8	12° 7	23°24	15°48	25°10	10°49	24°39	23° 6	20°55	29°48	S 15
S 16	21 41 6	24° 2'09	12♒24	15°R34	9°26	2°45	12°18	23°23	15°46	25°12	10°48	24°30	23° 3	21° 2	29°48	S 16
M17	21 45 3	24°59'48	27°27	15°33	10°30	3°22	12°28	23°22	15°45	25°14	10°47	24°22	23° 0	21° 9	29°47	M17
T 18	21 48 59	25°57'28	12♑8	15°26	11°34	3°59	12°39	23°21	15°43	25°16	10°46	24°14	22°57	21°15	29°46	T 18
W19	21 52 56	26°55'10	26°22	15°14	12°38	4°36	12°49	23°20	15°41	25°18	10°45	24° 8	22°54	21°22	29°45	W19
T 20	21 56 53	27°52'53	10♑5	14°56	13°42	5°14	13° 0	23°19	15°40	25°20	10°45	24° 5	22°50	21°29	29°44	T 20
F 21	22 0 49	28°50'38	23°21	14°32	14°47	5°51	13°11	23°18	15°38	25°22	10°44	24° 3	22°47	21°36	29°43	F 21
S 22	22 4 46	29°48'25	6♑11	14° 3	15°52	6°29	13°22	23°18	15°37	25°24	10°43	24°D 3	22°44	21°42	29°42	S 22
S 23	22 8 42	0♐46'14	18°40	13°28	16°57	7° 6	13°33	23°18	15°35	25°25	10°42	24°R 4	22°41	21°49	29°41	S 23
M24	22 12 39	1°44'04	0♑52	12°49	18° 3	7°44	13°44	23°17	15°34	25°27	10°41	24° 4	22°38	21°56	29°40	M24
T 25	22 16 35	2°41'56	12°53	12° 4	19° 8	8°22	13°55	23°17	15°32	25°29	10°40	24° 2	22°34	22° 2	29°39	T 25
W26	22 20 32	3°39'50	24°47	11°16	20°14	9° 0	14° 6	23°17	15°31	25°31	10°40	23°58	22°31	22° 9	29°38	W26
T 27	22 24 28	4°37'45	6♏38	10°25	21°20	9°39	14°18	23°D17	15°30	25°33	10°39	23°51	22°28	22°16	29°36	T 27
F 28	22 28 25	5°35'42	18°27	9°31	22°26	10°17	14°29	23°17	15°28	25°35	10°38	23°42	22°25	22°22	29°35	F 28
S 29	22 32 22	6°33'40	0♐18	8°36	23°33	10°56	14°40	23°17	15°27	25°37	10°37	23°30	22°22	22°29	29°34	S 29
S 30	22 36 18	7°31'40	12°13	7°40	24°39	11°34	14°52	23°17	15°26	25°38	10°36	23°17	22°19	22°36	29°32	S 30
M31	22 40 15	8♐29'42	24♐12	6♐45	25♑46	12♐13	15♓3	23♒18	15♑25	25♑40	10°535	23♑4	22♑15	22♏43	29°531	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
S 1	17n50	18n23	4n15	7n56	1s 8	20n 1	3s17	9s39	0s28	2s48	1n12	22s 6	1n11	22s53	0s27	20n39	0s32	11s18	16s59	23n21	23n17	19n 2	11n50	0n26
S 2	17 34	14 44	4 45	7 24	1 19	20 7	3 14	9 53	0 28	2 52	1 11	22 6	1 11	22 53	0 27	20 39	0 32	11 18	17 0	23 21	23 17	19 1	11 50	0 26
M 3	17 18	10 30	5 3	6 52	1 31	20 12	3 11	10 7	0 29	2 55	1 11	22 6	1 11	22 53	0 27	20 38	0 32	11 19	17 0	23 21	23 17	18 59	11 50	0 26
T 4	17 2	5 51	5 7	6 21	1 42	20 16	3 8	10 20	0 30	2 59	1 11	22 6	1 11	22 54	0 27	20 38	0 32	11 19	17 0	23 20	23 17	18 57	11 50	0 26
W 5	16 46	0 56	4 58	5 51	1 54	20 21	3 4	10 34	0 31	3 3	1 11	22 6	1 11	22 54	0 27	20 37	0 32	11 20	17 1	23 20	23 17	18 56	11 50	0 26
T 6	16 30	4s 5	4 35	5 22	2 6	20 25	3 1	10 48	0 32	3 7	1 11	22 6	1 10	22 54	0 27	20 37	0 32	11 20	17 1	23 20	23 16	18 54	11 50	0 26
F 7	16 13	9 3	3 59	4 55	2 18	20 28	2 58	11 1	0 33	3 11	1 11	22 6	1 10	22 54	0 27	20 37	0 32	11 21	17 1	23 20	23 16	18 52	11 50	0 26
S 8	15 56	13 46	3 11	4 28	2 29	20 31	2 54	11 15	0 34	3 15	1 10	22 6	1 10	22 55	0 27	20 36	0 32	11 21	17 2	23 20	23 16	18 51	11 49	0 26
S 9	15 38	17 58	2 11	4 4	2 41	20 34	2 50	11 28	0 34	3 19	1 10	22 6	1 10	22 55	0 27	20 36	0 32	11 22	17 2	23 20	23 16	18 49	11 49	0 26
M10	15 21	21 22	1 2	3 40	2 53	20 37	2 47	11 42	0 35	3 23	1 10	22 7	1 10	22 55	0 27	20 36	0 32	11 22	17 2	23 20	23 16	18 47	11 49	0 26
T 11	15 3	23 37	0s13	3 19	3 4	20 39	2 43	11 55	0 36	3 27	1 10	22 7	1 10	22 55	0 27	20 35	0 32	11 23	17 3	23 20	23 16	18 45	11 49	0 26
W12	14 45	24 23	1 29	2 59	3 15	20 40	2 40	12 9	0 37	3 31	1 10	22 7	1 9	22 55	0 27	20 35	0 32	11 23	17 3	23 20	23 15	18 44	11 49	0 26
T 13	14 26	23 27	2 41	2 42	3 26	20 41	2 36	12 22	0 38	3 35	1 10	22 7	1 9	22 56	0 27	20 34	0 32	11 24	17 3	23 20	23 15	18 42	11 48	0 26
F 14	14 8	20 49	3 44	2 27	3 37	20 42	2 32	12 36	0 38	3 39	1 9	22 7	1 9	22 56	0 27	20 34	0 32	11 24	17 3	23 20	23 15	18 40	11 48	0 26
S 15	13 49	16 41	4 30	2 14	3 47	20 42	2 28	12 49	0 39	3 44	1 9	22 7	1 9	22 56	0 27	20 34	0 32	11 25	17 4	23 19	23 15	18 39	11 48	0 26
S 16	13 30	11 29	4 58	2 3	3 57	20 42	2 24	13 3	0 40	3 48	1 9	22 7	1 9	22 56	0 27	20 33	0 32	11 25	17 4	23 19	23 15	18 37	11 48	0 25
M17	13 11	5 39	5 4	1 55	4 5	20 41	2 20	13 16	0 41	3 52	1 9	22 7	1 9	22 56	0 27	20 33	0 32	11 26	17 4	23 19	23 15	18 35	11 47	0 25
T 18	12 52	0n21	4 50	1 50	4 14	20 40	2 16	13 29	0 41	3 56	1 9	22 7	1 8	22 57	0 26	20 33	0 32	11 27	17 4	23 18	23 15	18 33	11 47	0 25
W19	12 32	6 9	4 18	1 48	4 21	20 38	2 12	13 43	0 42	4 0	1 9	22 8	1 8	22 57	0 26	20 32	0 32	11 27	17 5	23 18	23 14	18 32	11 46	0 25
T 20	12 12	11 29	3 32	1 49	4 27	20 36	2 8	13 56	0 43	4 5	1 9	22 8	1 8	22 57	0 26	20 32	0 32	11 28	17 5	23 18	23 14	18 30	11 46	0 25
F 21	11 52	16 5	2 36	1 54	4 32	20 33	2 4	14 9	0 44	4 9	1 8	22 8	1 8	22 57	0 26	20 32	0 32	11 28	17 5	23 18	23 14	18 28	11 46	0 25
S 22	11 32	19 47	1 34	2 1	4 36	20 30	2 0	14 22	0 44	4 13	1 8	22 8	1 8	22 57	0 26	20 31	0 32	11 29	17 6	23 18	23 14	18 26	11 45	0 25
S 23	11 12	22 28	0 29	2 12	4 38	20 26	1 56	14 35	0 45	4 18	1 8	22 8	1 7	22 57	0 26	20 31	0 32	11 29	17 6	23 18	23 14	18 25	11 45	0 25
M24	10 51	24 2	0n36	2 27	4 39	20 22	1 52	14 48	0 46	4 22	1 8	22 8	1 7	22 58	0 26	20 31	0 32	11 30	17 6	23 18	23 13	18 23	11 44	0 25
T 25	10 30	24 26	1 38	2 44	4 38	20 17	1 48	15 1	0 46	4 27	1 8	22 9	1 7	22 58	0 26	20 30	0 32	11 30	17 6	23 18	23 13	18 21	11 44	0 25
W26	10 10	23 43	2 36	3 5	4 36	20 12	1 43	15 14	0 47	4 31	1 8	22 9	1 7	22 58	0 26	20 30	0 32	11 31	17 7	23 18	23 13	18 19	11 43	0 25
T 27	9 49	21 55	3 25	3 28	4 31	20 6	1 39	15 27	0 48	4 36	1 8	22 9	1 7	22 58	0 26	20 30	0 32	11 31	17 7	23 17	23 13	18 17	11 43	0 25
F 28	9 27	19 12	4 6	3 55	4 25	20 0	1 35	15 40	0 48	4 40	1 8	22 9	1 7	22 58	0 26	20 29	0 32	11 32	17 7	23 17	23 13	18 16	11 42	0 25
S 29	9 6	15 40	4 37	4 23	4 16	19 53	1 31	15 53	0 49	4 45	1 7	22 9	1 6	22 58	0 26	20 29	0 32	11 33	17 7	23 16	23 13	18 14	11 42	0 25
S 30	8 45	11 31	4 55	4 53	4 6	19 46	1 27	16 5	0 50	4 49	1 7	22 9	1 6	22 58	0 26	20 29	0 32	11 33	17 7	23 16	23 12	18 12	11 41	0 25
M31	8n23	6n54	5n 0	5n24	3s54	19n38	1s23	16s18	0s50	4s54	1n 7	22s10	1n 6	22s59	0s26	20n28	0s32	11s34	17s 8	23n15	23n12	18n10	11n41	0n25

ASTRODIENST EPHEMERIS for the year 2076

geocentric

SEPTEMBER 2076

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 44 11	9 ^h 27'45	6 ^h 17	5°R53	26 ^h 53	12 ^h 52	15 ^h 15	23 ^h 18	15°R24	25 ^h 42	10°R34	22°R51	22 ^h 12	22 ^h 49	29°R29	T 1
W 2	22 48 8	10°25'49	18°29	5 ^h 3	28° 0	13°31	15°27	23°19	15 ^h 23	25°43	10°Y33	22 ^h 40	22° 9	22°56	29°Y28	W 2
T 3	22 52 4	11°23'56	0 ^h 50	4°18	29° 7	14°10	15°38	23°19	15°22	25°45	10°32	22°32	22° 6	23° 3	29°26	T 3
F 4	22 56 1	12°22'03	13°23	3°39	0 ^h 15	14°49	15°50	23°20	15°21	25°47	10°31	22°27	22° 3	23° 9	29°24	F 4
S 5	22 59 57	13°20'12	26°11	3° 5	1°22	15°28	16° 2	23°21	15°20	25°48	10°30	22°24	21°59	23°16	29°23	S 5
S 6	23 3 54	14°18'23	9 ^h 16	2°39	2°30	16° 8	16°14	23°22	15°19	25°50	10°29	22°23	21°56	23°23	29°21	S 6
M 7	23 7 50	15°16'35	22°42	2°21	3°38	16°47	16°26	23°23	15°18	25°52	10°28	22°23	21°53	23°29	29°19	M 7
T 8	23 11 47	16°14'48	6 ^h 32	2°11	4°46	17°27	16°38	23°24	15°17	25°53	10°27	22°22	21°50	23°36	29°17	T 8
W 9	23 15 44	17°13'03	20°46	2°D10	5°54	18° 7	16°50	23°25	15°16	25°55	10°26	22°20	21°47	23°43	29°15	W 9
T 10	23 19 40	18°11'20	5 ^h 24	2°18	7° 3	18°47	17° 2	23°26	15°16	25°56	10°25	22°16	21°44	23°50	29°14	T 10
F 11	23 23 37	19° 9'38	20°22	2°35	8°11	19°27	17°14	23°28	15°15	25°58	10°24	22° 9	21°40	23°56	29°12	F 11
S 12	23 27 33	20° 7'57	5 ^h 31	3° 1	9°20	20° 7	17°26	23°29	15°15	25°59	10°23	21°59	21°37	24° 3	29°10	S 12
S 13	23 31 30	21° 6'19	20°43	3°36	10°29	20°47	17°38	23°31	15°14	26° 1	10°21	21°48	21°34	24°10	29° 8	S 13
M14	23 35 26	22° 4'42	5 ^h Y46	4°19	11°38	21°27	17°51	23°33	15°14	26° 2	10°20	21°37	21°31	24°16	29° 6	M14
T 15	23 39 23	23° 3'07	20°31	5°10	12°47	22° 7	18° 3	23°34	15°13	26° 4	10°19	21°27	21°28	24°23	29° 3	T 15
W16	23 43 19	24° 1'34	4 ^h 50	6° 9	13°56	22°48	18°15	23°36	15°13	26° 5	10°18	21°19	21°25	24°30	29° 1	W16
T 17	23 47 16	25° 0'03	18°40	7°15	15° 6	23°29	18°28	23°38	15°12	26° 6	10°17	21°14	21°21	24°37	28°59	T 17
F 18	23 51 13	25°58'34	2 ^h 0	8°28	16°15	24° 9	18°40	23°40	15°12	26° 8	10°16	21°11	21°18	24°43	28°57	F 18
S 19	23 55 9	26°57'08	14°54	9°47	17°25	24°50	18°53	23°42	15°12	26° 9	10°15	21°10	21°15	24°50	28°55	S 19
S 20	23 59 6	27°55'44	27°24	11°11	18°35	25°31	19° 5	23°45	15°12	26°10	10°14	21°10	21°12	24°57	28°52	S 20
M21	0 3 2	28°54'22	9 ^h 37	12°39	19°45	26°12	19°18	23°47	15°11	26°11	10°12	21°10	21° 9	25° 3	28°50	M21
T 22	0 6 59	29°53'02	21°37	14°12	20°55	26°53	19°30	23°50	15°11	26°13	10°11	21° 8	21° 5	25°10	28°48	T 22
W23	0 10 55	0 ^h 51'44	3 ^h 29	15°49	22° 5	27°34	19°43	23°52	15°D11	26°14	10°10	21° 4	21° 2	25°17	28°45	W23
T 24	0 14 52	1°50'29	15°19	17°28	23°16	28°16	19°56	23°55	15°11	26°15	10° 9	20°58	20°59	25°24	28°43	T 24
F 25	0 18 48	2°49'15	27° 9	19°10	24°26	28°57	20° 8	23°57	15°11	26°16	10° 8	20°48	20°56	25°30	28°41	F 25
S 26	0 22 45	3°48'04	9 ^h 4	20°54	25°37	29°38	20°21	24° 0	15°11	26°17	10° 7	20°36	20°53	25°37	28°38	S 26
S 27	0 26 42	4°46'55	21° 4	22°40	26°48	0 ^h 20	20°34	24° 3	15°12	26°18	10° 5	20°23	20°50	25°44	28°36	S 27
M28	0 30 38	5°45'48	3 ^h 12	24°26	27°58	1° 2	20°46	24° 6	15°12	26°19	10° 4	20°10	20°46	25°50	28°33	M28
T 29	0 34 35	6°44'43	15°29	26°14	29° 9	1°44	20°59	24° 9	15°12	26°20	10° 3	19°57	20°43	25°57	28°31	T 29
W30	0 38 31	7 ^h 43'39	27 ^h 54	28 ^h 2	0 ^h 20	2 ^h 25	21 ^h 12	24 ^h 12	15 ^h 12	26 ^h 21	10 ^h Y 2	19 ^h II46	20 ^h II40	26 ^h II 4	28 ^h Y28	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
T 1	8n 1	1n59	4n52	5n56	3s40	19n29	1s18	16s30	0s51	4s58	1n 7	22s10	1n 6	22s59	0s26	20n28	0s32	11s34	17s 8	23n14	23n12	18n 8	11n40	0n25			
W 2	7 39	3s 4	4 31	6 28	3 25	19 21	1 14	16 43	0 52	5 3	1 7	22 10	1 6	22 59	0 26	20 28	0 32	11 35	17 8	23 14	23 12	18 7	11 40	0 25			
T 3	7 17	8 4	3 57	7 0	3 8	19 11	1 10	16 55	0 52	5 8	1 7	22 10	1 5	22 59	0 26	20 27	0 32	11 35	17 8	23 13	23 12	18 5	11 39	0 24			
F 4	6 55	12 49	3 10	7 31	2 51	19 1	1 6	17 7	0 53	5 12	1 7	22 10	1 5	22 59	0 26	20 27	0 32	11 36	17 8	23 13	23 11	18 3	11 38	0 24			
S 5	6 33	17 7	2 14	8 0	2 32	18 51	1 2	17 19	0 53	5 17	1 7	22 11	1 5	22 59	0 26	20 27	0 32	11 36	17 9	23 13	23 11	18 1	11 38	0 24			
S 6	6 10	20 42	1 9	8 27	2 14	18 40	0 58	17 31	0 54	5 21	1 7	22 11	1 5	22 59	0 26	20 26	0 32	11 37	17 9	23 13	23 11	17 59	11 37	0 24			
M 7	5 48	23 15	0s 2	8 51	1 54	18 28	0 53	17 43	0 55	5 26	1 6	22 11	1 5	22 59	0 26	20 26	0 32	11 38	17 9	23 13	23 11	17 57	11 36	0 24			
T 8	5 25	24 30	1 14	9 13	1 35	18 16	0 49	17 55	0 55	5 31	1 6	22 11	1 5	22 59	0 26	20 26	0 32	11 38	17 9	23 13	23 11	17 55	11 36	0 24			
W 9	5 3	24 12	2 24	9 31	1 16	18 3	0 45	18 7	0 56	5 35	1 6	22 12	1 4	22 59	0 26	20 26	0 32	11 39	17 9	23 13	23 10	17 54	11 35	0 24			
T 10	4 40	22 15	3 26	9 46	0 57	17 50	0 41	18 18	0 56	5 40	1 6	22 12	1 4	22 59	0 26	20 25	0 32	11 39	17 9	23 12	23 10	17 52	11 34	0 24			
F 11	4 17	18 44	4 16	9 56	0 39	17 37	0 37	18 30	0 57	5 45	1 6	22 12	1 4	23 0	0 26	20 25	0 32	11 40	17 10	23 12	23 10	17 50	11 33	0 24			
S 12	3 54	13 57	4 48	10 3	0 22	17 23	0 33	18 41	0 57	5 50	1 6	22 12	1 4	23 0	0 26	20 25	0 32	11 40	17 10	23 11	23 10	17 48	11 33	0 24			
S 13	3 31	8 16	5 0	10 6	0 5	17 8	0 29	18 52	0 58	5 54	1 6	22 13	1 4	23 0	0 26	20 24	0 32	11 41	17 10	23 11	23 10	17 46	11 32	0 24			
M14	3 8	2 10	4 51	10 5	0n11	16 53	0 25	19 4	0 59	5 59	1 6	22 13	1 4	23 0	0 26	20 24	0 32	11 41	17 10	23 10	23 10	17 44	11 31	0 24			
T 15	2 45	3n57	4 23	10 0	0 25	16 38	0 21	19 15	0 59	6 4	1 6	22 13	1 3	23 0	0 26	20 24	0 32	11 42	17 10	23 9	23 9	17 42	11 30	0 24			
W16	2 22	9 41	3 39	9 51	0 39	16 22	0 17	19 26	1 0	6 9	1 6	22 13	1 3	23 0	0 26	20 24	0 32	11 42	17 10	23 9	23 9	17 40	11 29	0 24			
T 17	1 59	14 46	2 43	9 38	0 51	16 5	0 13	19 36	1 0	6 13	1 6	22 14	1 3	23 0	0 26	20 23	0 32	11 43	17 10	23 8	23 9	17 39	11 29	0 24			
F 18	1 36	18 56	1 40	9 21	1 2	15 48	0 10	19 47	1 1	6 18	1 5	22 14	1 3	23 0	0 26	20 23	0 32	11 44	17 10	23 8	23 9	17 37	11 28	0 24			
S 19	1 13	22 2	0 33	9 1	1 12	15 31	0 6	19 57	1 1	6 23	1 5	22 14	1 3	23 0	0 26	20 23	0 32	11 44	17 10	23 8	23 8	17 35	11 27	0 23			
S 20	0 49	23 57	0n33	8 37	1 21	15 13	0 2	20 8	1 2	6 28	1 5	22 15	1 2	23 0	0 26	20 23	0 32	11 45	17 11	23 8	23 8	17 33	11 26	0 23			
M21	0 26	24 41	1 36	8 11	1 29	14 55	0n 2	20 18	1 2	6 33	1 5	22 15	1 2	23 0	0 26	20 22	0 32	11 45	17 11	23 8	23 8	17 31	11 25	0 23			
T 22	0 3	24 13	2 34	7 41	1 35	14 36	0 5	20 28	1 3	6 37	1 5	22 15	1 2	23 0	0 26	20 22	0 32	11 46	17 11	23 8	23 8	17 29	11 24	0 23			
W23	0s21	22 40	3 24	7 8	1 41	14 17	0 9	20 38	1 3	6 42	1 5	22 15	1 2	23 0	0 26	20 22	0 32	11 46	17 11	23 8	23 8	17 27	11 23	0 23			
T 24	0 44	20 8	4 5	6 34	1 45	13 57	0 13	20 48	1 3	6 47	1 5	22 16	1 2	23 0	0 26	20 22	0 32	11 47	17 11	23 7	23 7	17 25	11 23	0 23			
F 25	1 7	16 46	4 36	5 57	1 48	13 37	0 16	20 57	1 4	6 52	1 5	22 16	1 2	23 0	0 26	20 21	0 32	11 47	17 11	23 7	23 7	17 23	11 22	0 23			
S 26	1 31	12 43	4 54	5 18	1 50	13 17	0 19	21 7	1 4	6 57	1 5	22 16	1 1	23 0	0 26	20 21	0 32	11 48	17 11	23 6	23 7	17 21	11 21	0 23			
S 27	1 54	8 8	5 0	4 38	1 52	12 56	0 23	21 16	1 5	7 2	1 5	22 17	1 1	23 0	0 26	20 21	0 33	11 48	17 11	23 5	23 7	17 19	11 20	0 23			
M28	2 17	3 12	4 53	3 56	1 52	12 35	0 26	21 25	1 5	7 6	1 5	22 17	1 1	23 0	0 26	20 21	0 33	11 49	17 11	23 4	23 7	17 17	11 19	0 23			
T 29	2 41	1s55	4 32	3 13	1 52	12 13	0 30	21 34	1 5	7 11	1 5	22 17	1 1	23 0	0 26	20 21	0 33	11 49	17 11	23 3	23 6	17 15	11 18	0 23			
W30	3s 4	7s 2	3n57	2n29	1n51	11n52	0n33	21s43	1s 6	7s16	1n 5	22s17	1n 1	23s 0	0s26	20n20	0s33	11s49	17s11	23n 2	23n 6	17n13	11n17	0n23			

ASTRODIENST EPHEMERIS for the year 2076

geocentric

OCTOBER 2076

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 42 28	8♂42'38	10♂♂30	29♂♂50	1♂♂32	3♂♂ 7	21♂♂25	24♂♂16	15♂♂13	26♂♂22	10♂♂R 1	19♂♂R37	20♂♂II37	26♂♂♂10	28♂♂R26	T 1
F 2	0 46 24	9♂41'39	23♂♂16	1♂♂39	2♂43	3♂49	21♂♂38	24♂♂19	15♂♂13	26♂♂23	10♂♂Y 0	19♂♂II32	20♂♂34	26♂♂17	28♂♂Y23	F 2
S 3	0 50 21	10♂40'41	6♂♂13	3♂27	3♂54	4♂32	21♂♂51	24♂♂22	15♂♂14	26♂♂24	9♂58	19♂♂29	20♂♂31	26♂♂24	28♂♂20	S 3
S 4	0 54 17	11♂39'46	19♂25	5♂15	5♂ 6	5♂14	22♂ 3	24♂26	15♂14	26♂25	9♂57	19♂D28	20♂27	26♂31	28♂18	S 4
M 5	0 58 14	12♂38'52	2♂♂52	7♂ 3	6♂17	5♂56	22♂16	24♂29	15♂15	26♂26	9♂56	19♂29	20♂24	26♂37	28♂15	M 5
T 6	1 2 11	13♂38'00	16♂36	8♂51	7♂29	6♂39	22♂29	24♂33	15♂15	26♂26	9♂55	19♂R29	20♂21	26♂44	28♂12	T 6
W 7	1 6 7	14♂37'10	0♂♂40	10♂38	8♂41	7♂21	22♂42	24♂37	15♂16	26♂27	9♂54	19♂28	20♂18	26♂51	28♂10	W 7
T 8	1 10 4	15♂36'21	15♂ 1	12♂24	9♂52	8♂ 4	22♂55	24♂41	15♂17	26♂28	9♂53	19♂25	20♂15	26♂57	28♂ 7	T 8
F 9	1 14 0	16♂35'34	29♂38	14♂10	11♂ 4	8♂47	23♂ 8	24♂45	15♂17	26♂29	9♂51	19♂19	20♂11	27♂ 4	28♂ 4	F 9
S 10	1 17 57	17♂34'49	14♂♂26	15♂55	12♂16	9♂29	23♂21	24♂48	15♂18	26♂29	9♂50	19♂11	20♂ 8	27♂11	28♂ 2	S 10
S 11	1 21 53	18♂34'06	29♂18	17♂39	13♂28	10♂12	23♂34	24♂53	15♂19	26♂30	9♂49	19♂ 2	20♂ 5	27♂18	27♂59	S 11
M12	1 25 50	19♂33'24	14♂Y 4	19♂23	14♂41	10♂55	23♂47	24♂57	15♂20	26♂30	9♂48	18♂53	20♂ 2	27♂24	27♂56	M12
T 13	1 29 46	20♂32'45	28♂38	21♂ 5	15♂53	11♂38	24♂ 0	25♂ 1	15♂21	26♂31	9♂47	18♂44	19♂59	27♂31	27♂53	T 13
W14	1 33 43	21♂32'07	12♂♂51	22♂48	17♂ 5	12♂21	24♂13	25♂ 5	15♂22	26♂31	9♂46	18♂37	19♂56	27♂38	27♂51	W14
T 15	1 37 39	22♂31'32	26♂39	24♂29	18♂18	13♂ 4	24♂26	25♂10	15♂23	26♂32	9♂44	18♂33	19♂52	27♂44	27♂48	T 15
F 16	1 41 36	23♂30'59	10♂II 1	26♂10	19♂30	13♂48	24♂39	25♂14	15♂24	26♂32	9♂43	18♂30	19♂49	27♂51	27♂45	F 16
S 17	1 45 33	24♂30'29	22♂58	27♂50	20♂43	14♂31	24♂52	25♂19	15♂25	26♂33	9♂42	18♂D30	19♂46	27♂58	27♂42	S 17
S 18	1 49 29	25♂30'01	5♂♂32	29♂30	21♂56	15♂14	25♂ 5	25♂23	15♂27	26♂33	9♂41	18♂31	19♂43	28♂ 5	27♂39	S 18
M19	1 53 26	26♂29'34	17♂48	1♂♂ 8	23♂ 9	15♂58	25♂18	25♂28	15♂28	26♂34	9♂40	18♂32	19♂40	28♂11	27♂37	M19
T 20	1 57 22	27♂29'11	29♂♂0	24♂7	24♂21	16♂42	25♂31	25♂32	15♂29	26♂34	9♂39	18♂R32	19♂36	28♂18	27♂34	T 20
W21	2 1 19	28♂28'49	11♂♂44	4♂24	25♂34	17♂25	25♂44	25♂37	15♂31	26♂34	9♂38	18♂31	19♂33	28♂25	27♂31	W21
T 22	2 5 15	29♂28'30	23♂35	6♂ 1	26♂47	18♂ 9	25♂57	25♂42	15♂32	26♂34	9♂37	18♂28	19♂30	28♂31	27♂28	T 22
F 23	2 9 12	0♂♂28'13	5♂♂27	7♂37	28♂ 1	18♂53	26♂10	25♂47	15♂33	26♂35	9♂35	18♂23	19♂27	28♂38	27♂25	F 23
S 24	2 13 8	1♂27'58	17♂25	9♂13	29♂14	19♂37	26♂24	25♂52	15♂35	26♂35	9♂34	18♂16	19♂24	28♂45	27♂23	S 24
S 25	2 17 5	2♂27'45	29♂31	10♂48	0♂♂27	20♂21	26♂37	25♂57	15♂36	26♂35	9♂33	18♂ 8	19♂21	28♂52	27♂20	S 25
M26	2 21 2	3♂27'34	11♂♂49	12♂23	1♂40	21♂ 5	26♂50	26♂ 2	15♂38	26♂35	9♂32	17♂59	19♂17	28♂58	27♂17	M26
T 27	2 24 58	4♂27'26	24♂18	13♂57	2♂54	21♂49	27♂ 3	26♂ 7	15♂40	26♂35	9♂31	17♂51	19♂14	29♂ 5	27♂14	T 27
W28	2 28 55	5♂27'19	7♂♂ 0	15♂30	4♂ 7	22♂33	27♂16	26♂13	15♂41	26♂35	9♂30	17♂44	19♂11	29♂12	27♂12	W28
T 29	2 32 51	6♂27'14	19♂55	17♂ 4	5♂21	23♂17	27♂29	26♂18	15♂43	26♂R35	9♂29	17♂39	19♂ 8	29♂18	27♂ 9	T 29
F 30	2 36 48	7♂27'12	3♂♂ 2	18♂36	6♂34	24♂ 2	27♂41	26♂23	15♂45	26♂35	9♂28	17♂36	19♂ 5	29♂25	27♂ 6	F 30
S 31	2 40 44	8♂♂27'11	16♂♂20	20♂♂ 8	7♂♂48	24♂♂46	27♂♂54	26♂♂29	15♂♂47	26♂♂35	9♂Y27	17♂D35	19♂II 2	29♂♂L32	27♂Y 3	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	3s27	11s56	3n11	1n45	1n50	11n29	0n36	21s52	1s 6	7s21	1n 5	22s18	1n 1	23s 0	0s26	20n20
F 2	3 50	16 25	2 14	0 59	1 48	11 7	0 39	22 0	1 7	7 26	1 5	22 18	1 0	22 59	0 26	20 20
S 3	4 14	20 12	1 10	0 14	1 45	10 44	0 42	22 8	1 7	7 31	1 5	22 18	1 0	22 59	0 26	20 20
S 4	4 37	23 0	0 0	0s32	1 42	10 20	0 45	22 16	1 8	7 35	1 4	22 19	1 0	22 59	0 26	20 20
M 5	5 0	24 35	1s11	1 18	1 38	9 57	0 48	22 24	1 8	7 40	1 4	22 19	1 0	22 59	0 26	20 20
T 6	5 23	24 42	2 19	2 4	1 34	9 33	0 51	22 32	1 8	7 45	1 4	22 19	1 0	22 59	0 26	20 20
W 7	5 46	23 16	3 21	2 50	1 29	9 9	0 54	22 39	1 9	7 50	1 4	22 20	1 0	22 59	0 26	20 19
T 8	6 8	20 19	4 11	3 36	1 24	8 44	0 56	22 47	1 9	7 55	1 4	22 20	0 59	22 59	0 26	20 19
F 9	6 31	16 3	4 46	4 22	1 19	8 19	0 59	22 54	1 9	8 0	1 4	22 20	0 59	22 59	0 26	20 19
S 10	6 54	10 47	5 3	5 7	1 14	7 54	1 2	23 1	1 10	8 4	1 4	22 21	0 59	22 59	0 26	20 19
S 11	7 16	4 51	4 59	5 52	1 8	7 29	1 4	23 7	1 10	8 9	1 4	22 21	0 59	22 59	0 26	20 19
M12	7 39	1n19	4 35	6 37	1 2	7 3	1 6	23 14	1 10	8 14	1 4	22 21	0 59	22 59	0 26	20 19
T 13	8 1	7 20	3 54	7 21	0 56	6 37	1 9	23 20	1 11	8 19	1 4	22 21	0 59	22 58	0 26	20 19
W14	8 24	12 51	2 59	8 5	0 50	6 11	1 11	23 26	1 11	8 24	1 4	22 22	0 59	22 58	0 26	20 18
T 15	8 46	17 33	1 54	8 48	0 44	5 45	1 13	23 32	1 11	8 28	1 4	22 22	0 58	22 58	0 26	20 18
F 16	9 8	21 12	0 45	9 31	0 37	5 19	1 15	23 38	1 11	8 33	1 4	22 22	0 58	22 58	0 26	20 18
S 17	9 30	23 39	0n24	10 13	0 31	4 52	1 17	23 43	1 12	8 38	1 4	22 23	0 58	22 58	0 26	20 18
S 18	9 51	24 49	1 30	10 55	0 24	4 25	1 19	23 48	1 12	8 43	1 4	22 23	0 58	22 58	0 26	20 18
M19	10 13	24 44	2 31	11 36	0 17	3 58	1 21	23 53	1 12	8 48	1 4	22 23	0 58	22 58	0 26	20 18
T 20	10 34	23 29	3 24	12 16	0 11	3 31	1 23	23 58	1 13	8 52	1 4	22 24	0 58	22 57	0 26	20 18
W21	10 56	21 12	4 7	12 55	0 4	3 3	1 25	24 3	1 13	8 57	1 4	22 24	0 58	22 57	0 26	20 18
T 22	11 17	18 2	4 39	13 34	0s 3	2 36	1 27	24 7	1 13	9 2	1 4	22 24	0 57	22 57	0 26	20 18
F 23	11 38	14 9	5 0	14 12	0 10	2 8	1 28	24 11	1 13	9 6	1 4	22 25	0 57	22 57	0 26	20 18
S 24	11 59	9 41	5 7	14 49	0 17	1 41	1 30	24 15	1 13	9 11	1 4	22 25	0 57	22 57	0 26	20 18
S 25	12 19	4 48	5 1	15 26	0 23	1 13	1 31	24 18	1 14	9 16	1 4	22 25	0 57	22 56	0 26	20 18
M26	12 40	0s21	4 42	16 1	0 30	0 45	1 32	24 22	1 14	9 21	1 4	22 25	0 57	22 56	0 26	20 18
T 27	13 0	5 34	4 8	16 36	0 37	0 17	1 34	24 25	1 14	9 25	1 4	22 26	0 57	22 56	0 26	20 18
W28	13 20	10 40	3 22	17 10	0 44	0s11	1 35	24 27	1 14	9 30	1 4	22 26	0 57	22 56	0 26	20 18
T 29	13 40	15 24	2 24	17 43	0 50	0 39	1 36	24 30	1 14	9 35	1 4	22 26	0 56	22 56	0 26	20 18
F 30	14 0	19 29	1 18	18 16	0 57	1 8	1 37	24 32	1 15	9 39	1 4	22 27	0 56	22 55	0 26	20 18
S 31	14s19	22s37	0n 7	18s47	1s 3	1s36	1n38	24s34	1s15	9s44	1n 4	22s27	0n56	22s55	0s26	20n18

Julian Day Number = 2479577.5, Delta T = 83.47 sec

Ecliptic obliquity = 23°25'48", Nutation = - 0°00'18", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 25°48'45", Lahiri = 24°55'46"

ASTRODIENST EPHEMERIS for the year 2076
geocentric

NOVEMBER 2076

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 44 41	9♍27°11	29♌50	21♍40	9♎ 2	25♌31	28♎ 7	26♌34	15♌49	26°R35	9°R26	17♎35	18♎58	29♎39	27°R 1	S 1
M 2	2 48 37	10°27'14	13♌30	23°11	10°15	26°15	28°20	26°40	15°51	26°35	9°Y25	17°37	18°55	29°45	26°Y58	M 2
T 3	2 52 34	11°27'18	27°21	24°42	11°29	27° 0	28°33	26°46	15°53	26°35	9°24	17°38	18°52	29°52	26°55	T 3
W 4	2 56 31	12°27'24	11♌23	26°12	12°43	27°45	28°46	26°51	15°55	26°35	9°23	17°R39	18°49	29°59	26°53	W 4
T 5	3 0 27	13°27'31	25°34	27°42	13°57	28°29	28°59	26°57	15°57	26°34	9°22	17°38	18°46	0♍ 5	26°50	T 5
F 6	3 4 24	14°27'39	9♌52	29°11	15°11	29°14	29°12	27° 3	15°59	26°34	9°21	17°36	18°42	0°12	26°47	F 6
S 7	3 8 20	15°27'49	24°15	0♌40	16°25	29°59	29°25	27° 9	16° 1	26°34	9°20	17°32	18°39	0°19	26°45	S 7
S 8	3 12 17	16°28'01	8♍39	2° 8	17°39	0♌44	29°37	27°14	16° 3	26°34	9°19	17°28	18°36	0°26	26°42	S 8
M 9	3 16 13	17°28'14	22°57	3°36	18°53	1°29	29°50	27°20	16° 5	26°33	9°19	17°23	18°33	0°32	26°39	M 9
T 10	3 20 10	18°28'28	7♌ 6	5° 3	20° 7	2°14	0♍ 3	27°26	16° 8	26°33	9°18	17°19	18°30	0°39	26°37	T 10
W11	3 24 6	19°28'45	21° 0	6°30	21°21	2°59	0°15	27°32	16°10	26°32	9°17	17°15	18°27	0°46	26°34	W11
T 12	3 28 3	20°29'03	4♎35	7°56	22°36	3°44	0°28	27°39	16°12	26°32	9°16	17°13	18°23	0°52	26°32	T 12
F 13	3 32 0	21°29'23	17°50	9°22	23°50	4°30	0°41	27°45	16°15	26°31	9°15	17°D13	18°20	0°59	26°29	F 13
S 14	3 35 56	22°29'45	0♌44	10°47	25° 4	5°15	0°53	27°51	16°17	26°31	9°14	17°13	18°17	1° 6	26°27	S 14
S 15	3 39 53	23°30'08	13°19	12°11	26°19	6° 0	1° 6	27°57	16°19	26°30	9°14	17°15	18°14	1°13	26°24	S 15
M16	3 43 49	24°30'34	25°36	13°34	27°33	6°46	1°18	28° 3	16°22	26°30	9°13	17°17	18°11	1°19	26°22	M16
T 17	3 47 46	25°31'01	7♎41	14°56	28°47	7°31	1°31	28°10	16°24	26°29	9°12	17°18	18° 8	1°26	26°20	T 17
W18	3 51 42	26°31'30	19°37	16°18	0♍ 2	8°17	1°43	28°16	16°27	26°29	9°11	17°19	18° 4	1°33	26°17	W18
T 19	3 55 39	27°32'01	1♍29	17°38	1°17	9° 3	1°56	28°22	16°30	26°28	9°11	17°R19	18° 1	1°39	26°15	T 19
F 20	3 59 35	28°32'34	13°22	18°57	2°31	9°48	2° 8	28°29	16°32	26°27	9°10	17°19	17°58	1°46	26°13	F 20
S 21	4 3 32	29°33'08	25°21	20°14	3°46	10°34	2°20	28°35	16°35	26°26	9° 9	17°17	17°55	1°53	26°11	S 21
S 22	4 7 29	0♌33'44	7♎30	21°30	5° 0	11°20	2°33	28°42	16°38	26°26	9° 8	17°15	17°52	2° 0	26° 8	S 22
M23	4 11 25	1°34'22	19°52	22°44	6°15	12° 6	2°45	28°48	16°40	26°25	9° 8	17°12	17°48	2° 6	26° 6	M23
T 24	4 15 22	2°35'01	2♍30	23°56	7°30	12°51	2°57	28°55	16°43	26°24	9° 7	17°10	17°45	2°13	26° 4	T 24
W25	4 19 18	3°35'42	15°26	25° 6	8°45	13°37	3° 9	29° 1	16°46	26°23	9° 7	17° 8	17°42	2°20	26° 2	W25
T 26	4 23 15	4°36'25	28°40	26°12	9°59	14°23	3°21	29° 8	16°49	26°22	9° 6	17° 7	17°39	2°26	26° 0	T 26
F 27	4 27 11	5°37'08	12♌10	27°16	11°14	15° 9	3°33	29°15	16°52	26°21	9° 5	17°D 6	17°36	2°33	25°58	F 27
S 28	4 31 8	6°37'54	25°55	28°16	12°29	15°56	3°45	29°21	16°55	26°20	9° 5	17° 6	17°33	2°40	25°56	S 28
S 29	4 35 4	7°38'40	9♌52	29°12	13°44	16°42	3°57	29°28	16°58	26°19	9° 4	17° 7	17°29	2°47	25°54	S 29
M30	4 39 1	8♌39'28	23♌58	0♌ 3	14♍59	17♌28	4♍ 9	29♌35	17♌ 1	26♌18	9°Y 4	17♎ 7	17♎26	2♍53	25°Y52	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	14s38	24s32	1s 6	19s17	1s 9	2s 4	1n39	24s36	1s15	9s48	1n 4	22s27	0n56	22s55	0s26	20n18	0s33	12s 1	17s 8	22n51	22n58	16n 8	10n43	0n20	
M 2	14 57	25 0	2 16	19 47	1 16	2 32	1 39	24 38	1 15	9 53	1 4	22 27	0 56	22 55	0 26	20 18	0 33	12 1	17 8	22 51	22 58	16 6	10 42	0 20	
T 3	15 16	23 57	3 20	20 15	1 22	3 0	1 40	24 39	1 15	9 57	1 4	22 28	0 56	22 54	0 25	20 18	0 33	12 1	17 8	22 51	22 58	16 4	10 41	0 20	
W 4	15 34	21 23	4 12	20 43	1 28	3 29	1 41	24 40	1 15	10 2	1 4	22 28	0 56	22 54	0 25	20 18	0 33	12 1	17 8	22 51	22 58	16 2	10 40	0 20	
T 5	15 52	17 32	4 49	21 9	1 33	3 57	1 41	24 41	1 16	10 7	1 4	22 28	0 55	22 54	0 25	20 18	0 33	12 1	17 8	22 51	22 57	16 0	10 39	0 20	
F 6	16 10	12 38	5 9	21 35	1 39	4 25	1 42	24 41	1 16	10 11	1 4	22 28	0 55	22 54	0 25	20 18	0 33	12 2	17 7	22 51	22 57	15 58	10 38	0 20	
S 7	16 28	7 1	5 10	21 59	1 44	4 53	1 42	24 42	1 16	10 16	1 4	22 29	0 55	22 53	0 25	20 18	0 33	12 2	17 7	22 51	22 57	15 55	10 37	0 20	
S 8	16 45	1 2	4 51	22 22	1 50	5 21	1 42	24 42	1 16	10 20	1 4	22 29	0 55	22 53	0 25	20 18	0 33	12 2	17 7	22 50	22 56	15 53	10 36	0 20	
M 9	17 2	4n59	4 14	22 44	1 55	5 49	1 42	24 41	1 16	10 24	1 4	22 29	0 55	22 53	0 25	20 18	0 33	12 2	17 7	22 50	22 56	15 51	10 35	0 20	
T 10	17 19	10 42	3 22	23 5	1 59	6 17	1 42	24 41	1 16	10 29	1 4	22 29	0 55	22 53	0 25	20 18	0 33	12 2	17 6	22 49	22 56	15 49	10 34	0 20	
W11	17 36	15 46	2 19	23 25	2 4	6 44	1 42	24 40	1 16	10 33	1 4	22 30	0 55	22 52	0 25	20 18	0 33	12 2	17 6	22 49	22 56	15 47	10 33	0 20	
T 12	17 52	19 55	1 9	23 44	2 8	7 12	1 42	24 39	1 16	10 38	1 4	22 30	0 55	22 52	0 25	20 18	0 33	12 2	17 6	22 49	22 55	15 45	10 32	0 19	
F 13	18 8	22 56	0n 3	24 2	2 12	7 40	1 42	24 37	1 16	10 42	1 4	22 30	0 55	22 52	0 25	20 18	0 33	12 3	17 6	22 49	22 55	15 42	10 31	0 19	
S 14	18 23	24 39	1 14	24 18	2 16	8 7	1 42	24 36	1 16	10 46	1 4	22 30	0 54	22 51	0 25	20 18	0 33	12 3	17 6	22 49	22 55	15 40	10 30	0 19	
S 15	18 38	25 4	2 19	24 33	2 20	8 34	1 42	24 34	1 16	10 51	1 4	22 31	0 54	22 51	0 25	20 18	0 33	12 3	17 5	22 49	22 55	15 38	10 29	0 19	
M16	18 53	24 13	3 16	24 47	2 23	9 1	1 41	24 32	1 16	10 55	1 4	22 31	0 54	22 51	0 25	20 18	0 33	12 3	17 5	22 49	22 54	15 36	10 28	0 19	
T 17	19 8	22 15	4 3	24 59	2 25	9 28	1 41	24 29	1 16	10 59	1 4	22 31	0 54	22 50	0 25	20 19	0 33	12 3	17 5	22 49	22 54	15 34	10 27	0 19	
W18	19 22	19 21	4 39	25 10	2 28	9 55	1 41	24 27	1 16	11 4	1 4	22 31	0 54	22 50	0 25	20 19	0 33	12 3	17 4	22 50	22 54	15 32	10 26	0 19	
T 19	19 36	15 40	5 3	25 20	2 30	10 21	1 40	24 24	1 16	11 8	1 5	22 31	0 54	22 50	0 25	20 19	0 33	12 3	17 4	22 50	22 53	15 29	10 25	0 19	
F 20	19 50	11 22	5 15	25 29	2 31	10 47	1 39	24 20	1 16	11 12	1 5	22 32	0 54	22 50	0 25	20 19	0 33	12 3	17 4	22 49	22 53	15 27	10 24	0 19	
S 21	20 3	6 37	5 12	25 36	2 32	11 13	1 39	24 17	1 16	11 16	1 5	22 32	0 54	22 49	0 25	20 19	0 33	12 3	17 4	22 49	22 53	15 25	10 24	0 19	
S 22	20 16	1 33	4 56	25 41	2 32	11 39	1 38	24 13	1 16	11 20	1 5	22 32	0 54	22 49	0 25	20 19	0 33	12 3	17 3	22 49	22 53	15 23	10 23	0 19	
M23	20 28	3s40	4 26	25 46	2 32	12 4	1 37	24 9	1 16	11 24	1 5	22 32	0 53	22 48	0 25	20 19	0 33	12 3	17 3	22 49	22 52	15 20	10 22	0 18	
T 24	20 40	8 51	3 42	25 49	2 31	12 30	1 36	24 5	1 16	11 29	1 5	22 32	0 53	22 48	0 25	20 20	0 33	12 3	17 3	22 49	22 52	15 18	10 21	0 18	
W25	20 52	13 48	2 46	25 50	2 30	12 55	1 35	24 0	1 16	11 33	1 5	22 32	0 53	22 48	0 25	20 20	0 33	12 3	17 2	22 48	22 52	15 16	10 20	0 18	
T 26	21 3	18 13	1 40	25 50	2 28	13 19	1 34	23 55	1 16	11 37	1 5	22 32	0 53	22 47	0 25	20 20	0 33	12 3	17 2	22 48	22 51	15 14	10 19	0 18	
F 27	21 14	21 47	0 27	25 49	2 25	13 43	1 33	23 50	1 16	11 41	1 5	22 33	0 53	22 47	0 25	20 20	0 33	12 3	17 2	22 48	22 51	15 12	10 18	0 18	
S 28	21 24	24 11	0s49	25 46	2 21	14 7	1 32	23 45	1 16	11 45	1 5	22 33	0 53	22 47	0 25	20 20	0 33	12 3	17 2	22 48	22 51	15 9	10 18	0 18	
S 29	21 35	25 6	2 3	25 42	2 16	14 31	1 30	23 39	1 16	11 49	1 5	22 33	0 53	22 46	0 25	20 20	0 33	12 3	17 1	22 48	22 50	15 7	10 17	0 18	
M30	21s44	24s26	3s10	25s36	2s11	14s54	1n29	23s33	1s16	11s53	1n 5	22s33	0n53	22s46	0s25	20n21	0s33	12s 2	17s 1	22n48	22n50	15n 5	10n16	0n18	

ASTRODIENST EPHEMERIS for the year 2076
geocentric

DECEMBER 2076

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 42 58	9♌40'16	8♏9	0♋49	16♍14	18♊14	4♍21	29♌42	17♊4	26♌17	9♌3	17♊8	17♊23	3♍0	25♌50	T 1
W 2	4 46 54	10♌41'06	22°23	1°29	17°29	19°0	4°33	29°49	17°7	26♌16	9♌3	17°9	17°20	3°7	25♌49	W 2
T 3	4 50 51	11♌41'56	6♌37	2°2	18°43	19°47	4°44	29°55	17°10	26°15	9°2	17°R 9	17°17	3°14	25°47	T 3
F 4	4 54 47	12°42'47	20°47	2°28	19°58	20°33	4°56	0♋2	17°13	26°14	9°2	17°9	17°14	3°20	25°45	F 4
S 5	4 58 44	13°43'38	4♌53	2°46	21°13	21°20	5°8	0°9	17°16	26°13	9°2	17°9	17°10	3°27	25°43	S 5
S 6	5 2 40	14°44'31	18°51	2°R54	22°28	22°6	5°19	0°16	17°19	26°12	9°1	17°9	17°7	3°34	25°42	S 6
M 7	5 6 37	15°45'24	2♌41	2°52	23°43	22°52	5°30	0°23	17°22	26°11	9°1	17°8	17°4	3°40	25°40	M 7
T 8	5 10 34	16°46'18	16°20	2°39	24°58	23°39	5°42	0°30	17°25	26°9	9°0	17°D 8	17°1	3°47	25°39	T 8
W 9	5 14 30	17°47'13	29°47	2°16	26°14	24°25	5°53	0°37	17°28	26°8	9°0	17°8	16°58	3°54	25°37	W 9
T 10	5 18 27	18°48'09	13♊0	1°41	27°29	25°12	6°4	0°44	17°32	26°7	9°0	17°R 8	16°54	4°1	25°36	T 10
F 11	5 22 23	19°49'06	25°58	0°54	28°44	25°59	6°15	0°51	17°35	26°6	9°0	17°8	16°51	4°7	25°34	F 11
S 12	5 26 20	20°50'04	8♌41	29♌57	29°59	26°45	6°26	0°58	17°38	26°4	8°59	17°8	16°48	4°14	25°33	S 12
S 13	5 30 16	21°51'02	21°9	28°51	1♌14	27°32	6°37	1°5	17°42	26°3	8°59	17°8	16°45	4°21	25°32	S 13
M14	5 34 13	22°52'02	3♌25	27°36	2°29	28°19	6°48	1°12	17°45	26°2	8°59	17°7	16°42	4°27	25°31	M14
T 15	5 38 9	23°53'02	15°29	26°17	3°44	29°6	6°59	1°19	17°48	26°0	8°59	17°6	16°39	4°34	25°29	T 15
W16	5 42 6	24°54'04	27°25	24°54	4°59	29°52	7°10	1°26	17°52	25°59	8°58	17°5	16°35	4°41	25°28	W16
T 17	5 46 3	25°55'06	9♍18	23°31	6°15	0♌39	7°21	1°33	17°55	25°58	8°58	17°4	16°32	4°48	25°27	T 17
F 18	5 49 59	26°56'09	21°10	22°11	7°30	1°26	7°31	1°40	17°58	25°56	8°58	17°4	16°29	4°54	25°26	F 18
S 19	5 53 56	27°57'13	3♌8	20°56	8°45	2°13	7°42	1°47	18°2	25°55	8°58	17°D 4	16°26	5°1	25°25	S 19
S 20	5 57 52	28°58'18	15°15	19°49	10°0	3°0	7°52	1°54	18°5	25°53	8°58	17°4	16°23	5°8	25°24	S 20
M21	6 1 49	29°59'24	27°36	18°50	11°15	3°47	8°2	2°1	18°8	25°52	8°58	17°5	16°20	5°15	25°23	M21
T 22	6 5 45	1♌0'30	10♍15	18°2	12°31	4°34	8°12	2°8	18°12	25°50	8°58	17°6	16°16	5°21	25°23	T 22
W23	6 9 42	2°1'38	23°16	17°24	13°46	5°21	8°23	2°15	18°15	25°49	8°D58	17°8	16°13	5°28	25°22	W23
T 24	6 13 38	3°2'46	6♌40	16°58	15°1	6°8	8°33	2°23	18°19	25°47	8°58	17°9	16°10	5°35	25°21	T 24
F 25	6 17 35	4°3'54	20°27	16°42	16°16	6°55	8°42	2°30	18°22	25°46	8°58	17°R 9	16°7	5°41	25°21	F 25
S 26	6 21 32	5°5'03	4♌35	16°D36	17°32	7°42	8°52	2°37	18°26	25°44	8°58	17°8	16°4	5°48	25°20	S 26
S 27	6 25 28	6°6'13	19°0	16°40	18°47	8°29	9°2	2°44	18°29	25°43	8°58	17°6	16°0	5°55	25°19	S 27
M28	6 29 25	7°7'22	3♌37	16°52	20°2	9°16	9°12	2°51	18°33	25°41	8°58	17°4	15°57	6°2	25°19	M28
T 29	6 33 21	8°8'32	18°17	17°13	21°18	10°3	9°21	2°58	18°36	25°39	8°58	17°1	15°54	6°8	25°19	T 29
W30	6 37 18	9°9'42	2♌55	17°41	22°33	10°50	9°30	3°5	18°40	25°38	8°59	16°58	15°51	6°15	25°18	W30
T 31	6 41 14	10♌10'51	17♌25	18♌16	23♌48	11♌38	9♍40	3♌12	18♌43	25♌36	8♌59	16♌56	15♌48	6♍22	25♌18	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	21s54	22s11	4s7	25s29	2s4	15s17	1n28	23s27	1s16	11s56	1n5	22s33	0n53	22s46	0s25	20n21
W 2	22 2 18 35	4 48	25 21	1 56	15 40	1 26	23 20	1 16	12 0	1 5	22 33	0 53	22 45	0 25	20 21	0 33
T 3	22 11 13 54	5 12	25 12	1 47	16 2	1 25	23 13	1 16	12 4	1 5	22 33	0 52	22 45	0 25	20 21	0 33
F 4	22 19 8 30	5 16	25 1	1 36	16 24	1 23	23 6	1 16	12 8	1 5	22 33	0 52	22 44	0 25	20 21	0 33
S 5	22 26 2 41	5 2	24 49	1 25	16 45	1 21	22 59	1 16	12 12	1 6	22 33	0 52	22 44	0 25	20 22	0 33
S 6	22 33 3n13	4 30	24 35	1 11	17 6	1 20	22 52	1 16	12 15	1 6	22 34	0 52	22 44	0 25	20 22	0 33
M 7	22 40 8 55	3 42	24 21	0 57	17 26	1 18	22 44	1 15	12 19	1 6	22 34	0 52	22 43	0 25	20 22	0 33
T 8	22 46 14 7	2 43	24 5	0 41	17 46	1 16	22 36	1 15	12 23	1 6	22 34	0 52	22 43	0 25	20 22	0 33
W 9	22 52 18 33	1 35	23 48	0 24	18 6	1 15	22 28	1 15	12 26	1 6	22 34	0 52	22 42	0 25	20 22	0 33
T 10	22 57 21 58	0 23	23 30	0 5	18 25	1 13	22 19	1 15	12 30	1 6	22 34	0 52	22 42	0 25	20 23	0 33
F 11	23 2 24 11	0n49	23 12	0n14	18 43	1 11	22 10	1 15	12 34	1 6	22 34	0 52	22 41	0 25	20 23	0 33
S 12	23 7 25 5	1 57	22 52	0 34	19 1	1 9	22 1	1 15	12 37	1 6	22 34	0 52	22 41	0 25	20 23	0 33
S 13	23 11 24 41	2 58	22 31	0 54	19 19	1 7	21 52	1 15	12 41	1 6	22 34	0 52	22 41	0 25	20 23	0 33
M14	23 14 23 6	3 49	22 10	1 14	19 35	1 5	21 42	1 14	12 44	1 6	22 34	0 52	22 40	0 25	20 24	0 33
T 15	23 17 20 29	4 30	21 49	1 34	19 52	1 3	21 33	1 14	12 48	1 6	22 34	0 51	22 40	0 25	20 24	0 33
W16	23 20 17 2	4 58	21 28	1 52	20 8	1 1	21 23	1 14	12 51	1 7	22 34	0 51	22 39	0 25	20 24	0 33
T 17	23 22 12 55	5 14	21 8	2 8	20 23	0 58	21 12	1 14	12 54	1 7	22 34	0 51	22 39	0 25	20 24	0 33
F 18	23 24 8 20	5 16	20 50	2 23	20 38	0 56	21 2	1 14	12 58	1 7	22 34	0 51	22 38	0 25	20 25	0 33
S 19	23 25 3 25	5 4	20 33	2 35	20 52	0 54	20 51	1 13	13 1	1 7	22 34	0 51	22 38	0 25	20 25	0 33
S 20	23 26 1s42	4 39	20 18	2 45	21 5	0 52	20 40	1 13	13 4	1 7	22 34	0 51	22 37	0 25	20 25	0 33
M21	23 26 6 52	4 1	20 6	2 52	21 18	0 49	20 29	1 13	13 7	1 7	22 34	0 51	22 37	0 25	20 26	0 33
T 22	23 26 11 53	3 10	19 57	2 57	21 30	0 47	20 17	1 13	13 11	1 7	22 34	0 51	22 37	0 25	20 26	0 33
W23	23 25 16 31	2 8	19 51	3 0	21 42	0 45	20 6	1 12	13 14	1 7	22 34	0 51	22 36	0 25	20 26	0 33
T 24	23 24 20 28	0 58	19 47	3 1	21 53	0 42	19 54	1 12	13 17	1 7	22 34	0 51	22 36	0 25	20 26	0 33
F 25	23 22 23 23	0s18	19 47	3 0	22 4	0 40	19 42	1 12	13 20	1 8	22 34	0 51	22 35	0 25	20 27	0 33
S 26	23 20 24 56	1 35	19 48	2 58	22 13	0 38	19 30	1 12	13 23	1 8	22 34	0 51	22 35	0 25	20 27	0 33
S 27	23 17 24 50	2 47	19 52	2 54	22 22	0 35	19 17	1 11	13 26	1 8	22 33	0 51	22 34	0 25	20 27	0 33
M28	23 14 23 3	3 49	19 58	2 49	22 31	0 33	19 4	1 11	13 29	1 8	22 33	0 51	22 34	0 25	20 28	0 33
T 29	23 11 19 43	4 36	20 6	2 44	22 38	0 30	18 51	1 11	13 32	1 8	22 33	0 51	22 33	0 25	20 28	0 33
W30	23 7 15 10	5 5	20 15	2 37	22 45	0 28	18 38	1 11	13 34	1 8	22 33	0 50	22 33	0 25	20 28	0 33
T 31	23s2	9s47	5s14	20s25	2n30	22s52	0n25	18s25	1s10	13s37	1n8	22s33	0n50	22s32	0s25	20n28

Julian Day Number = 2479638.5, Delta T = 83.53 sec
Ecliptic obliquity = 23°25'47", Nutation = - 0°00'17", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°48'54", Lahiri = 24°55'54"