



Astrodienst Ephemeris Tables for the year 2123

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 2123

geocentric

JANUARY 2123

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 40 43	10 ³ 1'03	15 ⁴⁷ 47	18 ³⁷ 37	24 ⁵⁶ 56	27 ³⁹ 39	1 ²⁶ 26	0°R12	28°R42	7 ⁶ 6	24°R29	26°R43	26 ⁸ 8	18 ¹² 12	11 ⁵¹ 51	F 1
S 2	6 44 40	11° 2'12	28°53	19°11	26° 4	27°59	1°29	0 ⁶ 6	28°40	7° 7	24 ⁸ 29	26 ⁴¹ 41	26° 5	18°19	11°51	S 2
S 3	6 48 36	12° 3'22	12 ¹³ 13	19°50	27°13	28°17	1°32	0° 3	28°37	7° 8	24°28	26°39	26° 2	18°25	11°52	S 3
M 4	6 52 33	13° 4'31	25°46	20°35	28°21	28°35	1°34	29°58	28°35	7° 9	24°27	26°38	25°58	18°32	11°52	M 4
T 5	6 56 29	14° 5'40	9 ³⁴ 34	21°25	29°30	28°53	1°37	29°54	28°32	7°11	24°26	26°D37	25°55	18°39	11°53	T 5
W 6	7 0 26	15° 6'49	23°35	22°18	0 ³⁹ 39	29°11	1°39	29°49	28°30	7°12	24°26	26°37	25°52	18°46	11°54	W 6
T 7	7 4 23	16° 7'58	7 ⁴⁹ 49	23°16	1°48	29°28	1°41	29°44	28°27	7°13	24°25	26°38	25°49	18°52	11°55	T 7
F 8	7 8 19	17° 9'06	22°13	24°17	2°57	29°44	1°43	29°39	28°25	7°14	24°25	26°40	25°46	18°59	11°55	F 8
S 9	7 12 16	18°10'14	6 ⁴⁵ 45	25°21	4° 6	0 ⁰ 0	1°44	29°35	28°22	7°15	24°24	26°41	25°42	19° 6	11°56	S 9
S 10	7 16 12	19°11'22	21°20	26°28	5°16	0°16	1°45	29°30	28°20	7°16	24°23	26°R42	25°39	19°12	11°57	S 10
M 11	7 20 9	20°12'29	5 ⁵³ 53	27°37	6°25	0°31	1°47	29°25	28°17	7°17	24°23	26°42	25°36	19°19	11°58	M 11
T 12	7 24 5	21°13'37	20°17	28°49	7°35	0°46	1°48	29°20	28°14	7°18	24°22	26°40	25°33	19°26	11°59	T 12
W 13	7 28 2	22°14'43	4 ²⁷ 27	0 ³ 2	8°45	1° 0	1°48	29°15	28°12	7°19	24°22	26°37	25°30	19°32	12° 0	W 13
T 14	7 31 59	23°15'50	18°18	1°17	9°55	1°13	1°49	29°10	28° 9	7°19	24°21	26°34	25°27	19°39	12° 2	T 14
F 15	7 35 55	24°16'56	1 ⁴⁷ 47	2°34	11° 5	1°27	1°49	29° 6	28° 7	7°20	24°21	26°29	25°23	19°46	12° 3	F 15
S 16	7 39 52	25°18'03	14°52	3°52	12°16	1°39	1°50	29° 1	28° 4	7°21	24°20	26°25	25°20	19°52	12° 4	S 16
S 17	7 43 48	26°19'09	27°36	5°11	13°26	1°51	1°R50	28°56	28° 1	7°22	24°20	26°21	25°17	19°59	12° 5	S 17
M 18	7 47 45	27°20'14	10 ⁰ 0	6°32	14°36	2° 3	1°50	28°51	27°59	7°23	24°19	26°18	25°14	20° 6	12° 7	M 18
T 19	7 51 41	28°21'20	22° 8	7°53	15°47	2°14	1°49	28°46	27°56	7°23	24°19	26°16	25°11	20°12	12° 8	T 19
W 20	7 55 38	29°22'25	4 ¹⁶ 16	9°16	16°58	2°24	1°49	28°41	27°54	7°24	24°18	26°D16	25° 8	20°19	12°10	W 20
T 21	7 59 34	0 ²³ 23	15°54	10°40	18° 9	2°34	1°48	28°36	27°51	7°25	24°18	26°17	25° 4	20°26	12°11	T 21
F 22	8 3 31	1°24'36	27°43	12° 4	19°20	2°43	1°47	28°31	27°48	7°25	24°18	26°19	25° 1	20°32	12°13	F 22
S 23	8 7 28	2°25'40	9 ³⁶ 36	13°30	20°31	2°52	1°46	28°26	27°46	7°26	24°17	26°21	24°58	20°39	12°14	S 23
S 24	8 11 24	3°26'45	21°37	14°56	21°42	3° 0	1°45	28°21	27°43	7°26	24°17	26°R22	24°55	20°46	12°16	S 24
M 25	8 15 21	4°27'48	3 ³⁹ 39	16°23	22°53	3° 7	1°43	28°16	27°41	7°27	24°17	26°22	24°52	20°52	12°18	M 25
T 26	8 19 17	5°28'51	16°17	17°51	24° 4	3°14	1°41	28°11	27°38	7°27	24°16	26°20	24°48	20°59	12°20	T 26
W 27	8 23 14	6°29'54	29° 1	19°20	25°16	3°20	1°40	28° 7	27°35	7°28	24°16	26°16	24°45	21° 6	12°21	W 27
T 28	8 27 10	7°30'56	12 ² 2	20°49	26°27	3°25	1°37	28° 2	27°33	7°28	24°16	26°10	24°42	21°12	12°23	T 28
F 29	8 31 7	8°31'57	25°19	22°19	27°38	3°30	1°35	27°57	27°30	7°28	24°16	26° 3	24°39	21°19	12°25	F 29
S 30	8 35 3	9°32'56	8 ⁵⁰ 50	23°49	28°50	3°34	1°33	27°52	27°28	7°29	24°16	25°55	24°36	21°26	12°27	S 30
S 31	8 39 0	10 ³³ 33	22 ³⁴ 34	25 ²¹ 21	0 ³ 2	3 ³⁷ 37	1 ³⁰ 30	27 ⁴⁷ 47	27 ²⁵ 25	7 ²⁹ 29	24 ¹⁵ 15	25 ⁴⁷ 47	24 ³³ 33	21 ³² 32	12 ²⁹ 29	S 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
F 1	23s 3	12s17	3n59	20s19	2n38	16s18	2n47	3n24	2n41	0n35	1n16	20n15	0n10	20n57	0n33	12s15	1n43	4n39	14s39	23s23	23s22	20s17	6n25	1n53	
S 2	22 58	7 29	4 40	20 28	2 31	16 34	2 46	3 17	2 42	0 35	1 16	20 16	0 10	20 58	0 33	12 15	1 43	4 39	14 39	23 23	23 22	20 18	6 25	1 53	
S 3	22 53	2 15	5 6	20 39	2 23	16 51	2 45	3 11	2 44	0 34	1 17	20 17	0 10	20 58	0 33	12 16	1 43	4 39	14 38	23 23	23 22	20 19	6 25	1 53	
M 4	22 47	3n 9	5 16	20 50	2 15	17 7	2 44	3 5	2 45	0 33	1 17	20 18	0 10	20 59	0 33	12 16	1 43	4 39	14 38	23 23	23 22	20 20	6 25	1 53	
T 5	22 41	8 30	5 8	21 2	2 7	17 23	2 43	2 59	2 46	0 32	1 17	20 20	0 10	20 59	0 34	12 16	1 43	4 39	14 38	23 23	23 22	20 22	6 25	1 53	
W 6	22 34	13 31	4 42	21 14	1 58	17 38	2 42	2 54	2 48	0 32	1 17	20 21	0 10	21 0	0 34	12 17	1 43	4 39	14 38	23 23	23 22	20 23	6 26	1 53	
T 7	22 27	17 51	3 58	21 26	1 50	17 53	2 41	2 48	2 49	0 31	1 18	20 22	0 10	21 0	0 34	12 17	1 43	4 39	14 37	23 23	23 21	20 24	6 26	1 52	
F 8	22 19	21 12	2 59	21 37	1 41	18 8	2 39	2 43	2 51	0 31	1 18	20 23	0 11	21 1	0 34	12 17	1 43	4 40	14 37	23 23	23 21	20 25	6 26	1 52	
S 9	22 11	23 12	1 48	21 49	1 32	18 22	2 38	2 38	2 52	0 30	1 18	20 24	0 11	21 1	0 34	12 17	1 44	4 40	14 37	23 23	23 21	20 26	6 26	1 52	
S 10	22 3	23 38	0 30	22 0	1 23	18 36	2 36	2 33	2 53	0 30	1 19	20 25	0 11	21 2	0 34	12 18	1 44	4 40	14 36	23 23	23 21	20 27	6 26	1 52	
M11	21 54	22 27	0s50	22 10	1 14	18 50	2 34	2 28	2 55	0 30	1 19	20 26	0 11	21 2	0 34	12 18	1 44	4 40	14 36	23 23	23 21	20 29	6 27	1 52	
T 12	21 45	19 49	2 6	22 20	1 5	19 3	2 33	2 23	2 56	0 30	1 19	20 27	0 11	21 3	0 34	12 18	1 44	4 40	14 36	23 23	23 21	20 30	6 27	1 51	
W13	21 35	16 1	3 13	22 29	0 56	19 16	2 31	2 19	2 58	0 30	1 19	20 28	0 11	21 3	0 34	12 18	1 44	4 40	14 36	23 23	23 21	20 31	6 27	1 51	
T 14	21 25	11 25	4 7	22 38	0 47	19 28	2 29	2 15	2 59	0 30	1 20	20 30	0 11	21 4	0 34	12 19	1 44	4 40	14 35	23 23	23 21	20 32	6 27	1 51	
F 15	21 15	6 24	4 45	22 45	0 38	19 40	2 27	2 11	3 0	0 30	1 20	20 31	0 11	21 4	0 34	12 19	1 44	4 41	14 35	23 23	23 21	20 33	6 28	1 51	
S 16	21 4	1 14	5 7	22 52	0 30	19 51	2 25	2 7	3 2	0 30	1 20	20 32	0 11	21 5	0 34	12 19	1 44	4 41	14 35	23 22	23 20	20 34	6 28	1 51	
S 17	20 52	3s50	5 13	22 58	0 21	20 2	2 22	2 4	3 3	0 30	1 20	20 33	0 12	21 6	0 34	12 19	1 44	4 41	14 34	23 22	23 20	20 36	6 28	1 51	
M18	20 41	8 37	5 4	23 3	0 13	20 13	2 20	2 1	3 5	0 31	1 21	20 34	0 12	21 6	0 34	12 19	1 44	4 41	14 34	23 22	23 20	20 37	6 29	1 50	
T 19	20 29	12 58	4 42	23 6	0 5	20 23	2 18	1 58	3 6	0 31	1 21	20 35	0 12	21 7	0 34	12 20	1 44	4 41	14 34	23 22	23 20	20 38	6 29	1 50	
W20	20 16	16 45	4 8	23 9	0s 3	20 32	2 15	1 55	3 8	0 31	1 21	20 36	0 12	21 7	0 34	12 20	1 44	4 42	14 34	23 22	23 20	20 39	6 30	1 50	
T 21	20 3	19 50	3 23	23 11	0 11	20 41	2 13	1 52	3 9	0 32	1 22	20 37	0 12	21 8	0 34	12 20	1 44	4 42	14 33	23 22	23 20	20 40	6 30	1 50	
F 22	19 50	22 5	2 30	23 11	0 19	20 50	2 10	1 50	3 11	0 33	1 22	20 38	0 12	21 8	0 34	12 20	1 44	4 42	14 33	23 22	23 20	20 41	6 31	1 50	
S 23	19 36	23 22	1 30	23 10	0 26	20 58	2 8	1 48	3 12	0 33	1 22	20 40	0 12	21 9	0 34	12 20	1 44	4 42	14 33	23 22	23 20	20 42	6 31	1 50	
S 24	19 22	23 35	0 26	23 8	0 33	21 5	2 5	1 46	3 14	0 34	1 22	20 41	0 12	21 9	0 34	12 20	1 44	4 42	14 32	23 22	23 20	20 43	6 32	1 50	
M25	19 8	22 42	0n41	23 5	0 40	21 12	2 2	1 45	3 15	0 35	1 23	20 42	0 12	21 10	0 34	12 20	1 44	4 43	14 32	23 22	23 19	20 44	6 32	1 49	
T 26	18 53	20 40	1 46	23 1	0 47	21 18	2 0	1 43	3 16	0 36	1 23	20 43	0 12	21 10	0 34	12 20	1 45	4 43	14 32	23 22	23 19	20 45	6 33	1 49	
W27	18 38	17 36	2 48	22 55	0 54	21 24	1 57	1 42	3 18	0 37	1 23	20 44	0 13	21 11	0 34	12 21	1 45	4 43	14 31	23 22	23 19	20 46	6 33	1 49	
T 28	18 23	13 37	3 42	22 48	1 0	21 29	1 54	1 42	3 19	0 38	1 23	20 45	0 13	21 11	0 34	12 21	1 45	4 43	14 31	23 22	23 19	20 48	6 34	1 49	
F 29	18 7	8 54	4 26	22 40	1 6	21 33	1 51	1 41	3 21	0 39	1 24	20 46	0 13	21 12	0 34	12 21	1 45	4 44	14 31	23 22	23 19	20 49	6 34	1 49	
S 30	17 51	3 41	4 55	22 30	1 12	21 37	1 48	1 41	3 22	0 40	1 24	20 47	0 13	21 12	0 34	12 21	1 45	4 44	14 30	23 22	23 19	20 50	6 35	1 49	
S 31	17s35	1n46	5n 8	22s19	1s18	21s41	1n45	1n41	3n24	0n42	1n24	20n48	0n13	21n13	0n34	12s21	1n45	4n44	14s30	23s21	23s19	20s51	6n36	1n48	

ASTRODIENST EPHEMERIS for the year 2123
geocentric

FEBRUARY 2123

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 42 57	11 ³⁴ 53	6 ²⁶ 26	26 ⁵³ 53	1 ¹³ 13	3 ³⁹ 39	1 ²⁷ 27	27 ⁴³ 43	27 ²³ 23	7 ²⁹ 29	24 ¹⁵ 15	25 ⁴¹ 41	24 ²⁹ 29	21 ³⁹ 39	12 ³¹ 31	M 1
T 2	8 46 53	12 ³⁵ 49	20 ²⁶ 26	28 ²⁶ 26	2 ²⁵ 25	3 ⁴¹ 41	1 ²⁴ 24	27 ³⁸ 38	27 ²⁰ 20	7 ²⁹ 29	24 ¹⁵ 15	25 ³⁷ 37	24 ²⁶ 26	21 ⁴⁶ 46	12 ³³ 33	T 2
W 3	8 50 50	13 ³⁶ 45	4 ²⁹ 29	29 ⁵⁹ 59	3 ³⁷ 37	3 ⁴² 42	1 ²¹ 21	27 ³³ 33	27 ¹⁸ 18	7 ³⁰ 30	24 ¹⁵ 15	25 ³⁵ 35	24 ²³ 23	21 ⁵² 52	12 ³⁶ 36	W 3
T 4	8 54 46	14 ³⁷ 39	18 ³⁶ 36	1 ³³ 33	4 ⁴⁹ 49	3 ⁴³ 43	1 ¹⁸ 18	27 ²⁹ 29	27 ¹⁵ 15	7 ³⁰ 30	24 ¹⁵ 15	25 ³⁴ 34	24 ²⁰ 20	21 ⁵⁹ 59	12 ³⁸ 38	T 4
F 5	8 58 43	15 ³⁸ 31	2 ⁴⁴ 44	3 ⁸ 8	6 ¹ 1	3 ⁴³ 43	1 ¹⁴ 14	27 ²⁴ 24	27 ¹³ 13	7 ³⁰ 30	24 ¹⁵ 15	25 ³⁵ 35	24 ¹⁷ 17	22 ⁶ 6	12 ⁴⁰ 40	F 5
S 6	9 2 39	16 ³⁹ 23	16 ⁵² 52	4 ⁴³ 43	7 ¹³ 13	3 ⁴¹ 41	1 ¹⁰ 10	27 ¹⁹ 19	27 ¹⁰ 10	7 ³⁰ 30	24 ¹⁵ 15	25 ³⁶ 36	24 ¹³ 13	22 ¹² 12	12 ⁴² 42	S 6
S 7	9 6 36	17 ⁴⁰ 13	0 ⁵⁹ 59	6 ²⁰ 20	8 ²⁵ 25	3 ⁴⁰ 40	1 ⁶ 6	27 ¹⁵ 15	27 ⁸ 8	7 ³⁰ 30	24 ¹⁵ 15	25 ³⁶ 36	24 ¹⁰ 10	22 ¹⁹ 19	12 ⁴⁵ 45	S 7
M 8	9 10 32	18 ⁴¹ 01	15 ³ 3	7 ⁵⁷ 57	9 ³⁷ 37	3 ³⁷ 37	1 ² 2	27 ¹¹ 11	27 ⁶ 6	7 ³⁰ 30	24 ¹⁵ 15	25 ³⁵ 35	24 ⁷ 7	22 ²⁶ 26	12 ⁴⁷ 47	M 8
T 9	9 14 29	19 ⁴¹ 48	29 ⁰ 0	9 ³⁴ 34	10 ⁴⁹ 49	3 ³⁴ 34	0 ⁵⁸ 58	27 ⁶ 6	27 ³ 3	7 ³⁰ 30	24 ¹⁵ 15	25 ³¹ 31	24 ⁴ 4	22 ³² 32	12 ⁴⁹ 49	T 9
W10	9 18 26	20 ⁴² 34	12 ⁴⁸ 48	11 ¹³ 13	12 ¹ 1	3 ³⁰ 30	0 ⁵⁴ 54	27 ² 2	27 ¹ 1	7 ³⁰ 30	24 ¹⁵ 15	25 ²⁴ 24	24 ¹ 1	22 ³⁹ 39	12 ⁵² 52	W10
T 11	9 22 22	21 ⁴³ 19	26 ²² 22	12 ⁵² 52	13 ¹⁴ 14	3 ²⁵ 25	0 ⁴⁹ 49	26 ⁵⁸ 58	26 ⁵⁹ 59	7 ³⁰ 30	24 ¹⁵ 15	25 ¹⁵ 15	23 ⁵⁸ 58	22 ⁴⁶ 46	12 ⁵⁴ 54	T 11
F 12	9 26 19	22 ⁴⁴ 02	9 ⁴⁰ 40	14 ³² 32	14 ²⁶ 26	3 ¹⁹ 19	0 ⁴⁵ 45	26 ⁵³ 53	26 ⁵⁶ 56	7 ³⁰ 30	24 ¹⁵ 15	25 ⁵ 5	23 ⁵⁴ 54	22 ⁵² 52	12 ⁵⁷ 57	F 12
S 13	9 30 15	23 ⁴⁴ 44	22 ⁴⁰ 40	16 ¹³ 13	15 ³⁸ 38	3 ¹² 12	0 ⁴⁰ 40	26 ⁴⁹ 49	26 ⁵⁴ 54	7 ³⁰ 30	24 ¹⁵ 15	24 ⁵⁴ 54	23 ⁵¹ 51	22 ⁵⁹ 59	12 ⁵⁹ 59	S 13
S 14	9 34 12	24 ⁴⁵ 25	5 ²² 22	17 ⁵⁵ 55	16 ⁵¹ 51	3 ⁵ 5	0 ³⁵ 35	26 ⁴⁵ 45	26 ⁵² 52	7 ²⁹ 29	24 ¹⁵ 15	24 ⁴⁴ 44	23 ⁴⁸ 48	23 ⁶ 6	13 ² 2	S 14
M15	9 38 8	25 ⁴⁶ 04	17 ⁴⁶ 46	19 ³⁷ 37	18 ³ 3	2 ⁵⁷ 57	0 ²⁹ 29	26 ⁴¹ 41	26 ⁵⁰ 50	7 ²⁹ 29	24 ¹⁵ 15	24 ³⁵ 35	23 ⁴⁵ 45	23 ¹² 12	13 ⁵ 5	M15
T 16	9 42 5	26 ⁴⁶ 43	29 ⁵⁴ 54	21 ²⁰ 20	19 ¹⁶ 16	2 ⁴⁸ 48	0 ²⁴ 24	26 ³⁷ 37	26 ⁴⁷ 47	7 ²⁹ 29	24 ¹⁶ 16	24 ²⁹ 29	23 ⁴² 42	23 ¹⁹ 19	13 ⁷ 7	T 16
W17	9 46 1	27 ⁴⁷ 20	11 ⁵¹ 51	23 ⁵ 5	20 ²⁸ 28	2 ³⁹ 39	0 ¹⁹ 19	26 ³³ 33	26 ⁴⁵ 45	7 ²⁹ 29	24 ¹⁶ 16	24 ²⁶ 26	23 ³⁹ 39	23 ²⁶ 26	13 ¹⁰ 10	W17
T 18	9 49 58	28 ⁴⁷ 56	23 ⁴² 42	24 ⁵⁰ 50	21 ⁴¹ 41	2 ²⁸ 28	0 ¹³ 13	26 ³⁰ 30	26 ⁴³ 43	7 ²⁸ 28	24 ¹⁶ 16	24 ²⁴ 24	23 ³⁵ 35	23 ³² 32	13 ¹³ 13	T 18
F 19	9 53 55	29 ⁴⁸ 31	5 ³⁰ 30	26 ³⁶ 36	22 ⁵⁴ 54	2 ¹⁷ 17	0 ⁷ 7	26 ²⁶ 26	26 ⁴¹ 41	7 ²⁸ 28	24 ¹⁶ 16	24 ²⁴ 24	23 ³² 32	23 ³⁹ 39	13 ¹⁵ 15	F 19
S 20	9 57 51	0 ⁴⁹ 05	17 ²³ 23	28 ²³ 23	24 ⁶ 6	2 ⁵ 5	0 ¹ 1	26 ²² 22	26 ³⁹ 39	7 ²⁸ 28	24 ¹⁷ 17	24 ²⁵ 25	23 ²⁹ 29	23 ⁴⁶ 46	13 ¹⁸ 18	S 20
S 21	10 1 48	1 ⁴⁹ 38	29 ²⁵ 25	0 ¹⁰ 10	25 ¹⁹ 19	1 ⁵² 52	29 ⁵⁵ 55	26 ¹⁹ 19	26 ³⁷ 37	7 ²⁷ 27	24 ¹⁷ 17	24 ²⁵ 25	23 ²⁶ 26	23 ⁵² 52	13 ²¹ 21	S 21
M22	10 5 44	2 ⁵⁰ 09	11 ³⁴ 34	1 ⁵⁹ 59	26 ³² 32	1 ³⁹ 39	29 ⁴⁹ 49	26 ¹⁵ 15	26 ³⁵ 35	7 ²⁷ 27	24 ¹⁷ 17	24 ²³ 23	23 ²³ 23	23 ⁵⁹ 59	13 ²⁴ 24	M22
T 23	10 9 41	3 ⁵⁰ 39	24 ¹⁵ 15	3 ⁴⁸ 48	27 ⁴⁵ 45	1 ²⁵ 25	29 ⁴³ 43	26 ¹² 12	26 ³³ 33	7 ²⁶ 26	24 ¹⁷ 17	24 ¹⁹ 19	23 ¹⁹ 19	24 ⁶ 6	13 ²⁷ 27	T 23
W24	10 13 37	4 ⁵¹ 08	7 ³¹ 31	5 ³⁹ 39	28 ⁵⁷ 57	1 ¹⁰ 10	29 ³⁶ 36	26 ⁹ 9	26 ³¹ 31	7 ²⁶ 26	24 ¹⁸ 18	24 ¹³ 13	23 ¹⁶ 16	24 ¹² 12	13 ³⁰ 30	W24
T 25	10 17 34	5 ⁵¹ 35	20 ²⁹ 29	7 ³⁰ 30	0 ⁵⁴ 54	0 ⁵⁴ 54	29 ³⁰ 30	26 ⁵ 5	26 ²⁹ 29	7 ²⁵ 25	24 ¹⁸ 18	24 ⁴ 4	23 ¹³ 13	24 ¹⁹ 19	13 ³³ 33	T 25
F 26	10 21 30	6 ⁵² 00	4 ⁹ 9	9 ²² 22	1 ²³ 23	0 ³⁸ 38	29 ²³ 23	26 ² 2	26 ²⁸ 28	7 ²⁵ 25	24 ¹⁹ 19	23 ⁵³ 53	23 ¹⁰ 10	24 ²⁶ 26	13 ³⁶ 36	F 26
S 27	10 25 27	7 ⁵² 24	18 ⁷ 7	11 ¹⁴ 14	2 ³⁶ 36	0 ²¹ 21	29 ¹⁶ 16	25 ⁵⁹ 59	26 ²⁶ 26	7 ²⁴ 24	24 ¹⁹ 19	23 ⁴⁰ 40	23 ⁷ 7	24 ³² 32	13 ³⁹ 39	S 27
S 28	10 29 24	8 ⁵² 46	2 ¹⁹ 19	13 ⁷ 7	3 ⁴⁹ 49	0 ² 2	29 ⁹ 9	25 ⁵⁶ 56	26 ²⁴ 24	7 ²³ 23	24 ¹⁹ 19	23 ³⁹ 39	23 ⁴ 4	24 ³⁹ 39	13 ⁴² 42	S 28

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
M 1	17s18	7n12	5n 3	22s 7	1s23	21s43	1n42	1n41	3n25	0n43	1n25	20n49	0n13	21n13	0n34	12s21	1n45	4n45	14s30	23s21	23s19	20s52	6n36	1n48			
T 2	17 1	12 18	4 40	21 54	1 28	21 46	1 39	1 42	3 27	0 44	1 25	20 50	0 13	21 14	0 34	12 21	1 45	4 45	14 29	23 21	23 18	20 53	6 37	1 48			
W 3	16 44	16 47	4 0	21 39	1 33	21 47	1 35	1 43	3 28	0 46	1 25	20 51	0 13	21 14	0 34	12 21	1 45	4 45	14 29	23 21	23 18	20 54	6 38	1 48			
T 4	16 26	20 19	3 6	21 23	1 37	21 48	1 32	1 44	3 29	0 47	1 25	20 52	0 13	21 15	0 34	12 21	1 45	4 45	14 29	23 21	23 18	20 55	6 38	1 48			
F 5	16 8	22 39	2 0	21 5	1 42	21 48	1 29	1 45	3 31	0 49	1 26	20 53	0 14	21 15	0 34	12 21	1 45	4 46	14 28	23 21	23 18	20 56	6 39	1 48			
S 6	15 50	23 33	0 47	20 47	1 45	21 48	1 26	1 47	3 32	0 51	1 26	20 54	0 14	21 16	0 34	12 21	1 45	4 46	14 28	23 21	23 18	20 57	6 40	1 47			
S 7	15 32	22 56	0s29	20 26	1 49	21 47	1 22	1 49	3 34	0 53	1 26	20 55	0 14	21 16	0 34	12 21	1 45	4 46	14 28	23 21	23 18	20 58	6 41	1 47			
M 8	15 13	20 53	1 43	20 5	1 52	21 46	1 19	1 51	3 35	0 54	1 26	20 56	0 14	21 17	0 34	12 21	1 45	4 47	14 28	23 21	23 18	20 59	6 41	1 47			
T 9	14 54	17 35	2 49	19 42	1 55	21 43	1 16	1 54	3 36	0 56	1 27	20 57	0 14	21 17	0 34	12 21	1 45	4 47	14 27	23 21	23 17	21 0	6 42	1 47			
W10	14 35	13 21	3 45	19 17	1 58	21 41	1 12	1 56	3 38	0 58	1 27	20 58	0 14	21 18	0 34	12 20	1 45	4 47	14 27	23 21	23 17	21 1	6 43	1 47			
T 11	14 15	8 31	4 27	18 52	2 0	21 37	1 9	2 0	3 39	1 0	1 27	20 59	0 14	21 18	0 34	12 20	1 46	4 48	14 27	23 20	23 17	21 2	6 44	1 47			
F 12	13 56	3 24	4 54	18 25	2 2	21 33	1 6	2 3	3 40	1 2	1 27	21 0	0 14	21 18	0 34	12 20	1 46	4 48	14 26	23 20	23 17	21 3	6 45	1 47			
S 13	13 36	1s45	5 4	17 56	2 4	21 29	1 2	2 7	3 41	1 4	1 27	21 1	0 14	21 19	0 34	12 20	1 46	4 48	14 26	23 19	23 17	21 4	6 46	1 46			
S 14	13 16	6 43	4 59	17 26	2 5	21 23	0 59	2 11	3 42	1 7	1 28	21 2	0 14	21 19	0 34	12 20	1 46	4 49	14 26	23 19	23 17	21 5	6 47	1 46			
M15	12 55	11 17	4 40	16 55	2 6	21 17	0 55	2 15	3 44	1 9	1 28	21 2	0 14	21 20	0 34	12 20	1 46	4 49	14 25	23 19	23 17	21 6	6 47	1 46			
T 16	12 35	15 19	4 9	16 22	2 6	21 11	0 52	2 19	3 45	1 11	1 28	21 3	0 15	21 20	0 34	12 20	1 46	4 49	14 25	23 18	23 16	21 7	6 48	1 46			
W17	12 14	18 40	3 27	15 48	2 6	21 4	0 49	2 24	3 46	1 14	1 28	21 4	0 15	21 20	0 34	12 20	1 46	4 50	14 25	23 18	23 16	21 8	6 49	1 46			
T 18	11 53	21 12	2 36	15 12	2 5	20 56	0 45	2 29	3 47	1 16	1 28	21 5	0 15	21 21	0 34	12 19	1 46	4 50	14 24	23 18	23 16	21 9	6 50	1 46			
F 19	11 32	22 50	1 39	14 36	2 5	20 48	0 42	2 35	3 48	1 19	1 29	21 6	0 15	21 21	0 34	12 19	1 46	4 50	14 24	23 18	23 16	21 10	6 51	1 46			
S 20	11 11	23 27	0 37	13 57	2 3	20 39	0 38	2 40	3 49	1 21	1 29	21 6	0 15	21 22	0 34	12 19	1 46	4 51	14 24	23 18	23 16	21 11	6 52	1 46			
S 21	10 49	22 59	0n27	13 18	2 1	20 29	0 35	2 46	3 50	1 24	1 29	21 7	0 15	21 22	0 34	12 19	1 46	4 51	14 23	23 18	23 16	21 11	6 53	1 45			
M22	10 27	21 24	1 31	12 37	1 59	20 19	0 32	2 52	3 50	1 26	1 29	21 8	0 15	21 22	0 34	12 19	1 46	4 52	14 23	23 18	23 15	21 12	6 54	1 45			
T 23	10 6	18 46	2 32	11 54	1 56	20 8	0 28	2 58	3 51	1 29	1 29	21 9	0 15	21 23	0 34	12 19	1 46	4 52	14 23	23 18	23 15	21 13	6 55	1 45			
W24	9 44	15 8	3 27	11 11	1 53	19 57	0 25	3 5	3 52	1 32	1 30	21 9	0 15	21 23	0 34	12 18	1 46	4 52	14 22	23 18	23 15	21 14	6 56	1 45			
T 25	9 21	10 40	4 12	10 26	1 49	19 45	0 21	3 12	3 52	1 34	1 30	21 10	0 15	21 23	0 34	12 18	1 46	4 53	14 22	23 17	23 15	21 15	6 57	1 45			
F 26	8 59	5 34	4 44	9 40	1 44	19 33	0 18	3 19	3 53	1 37	1 30	21 11	0 15	21 24	0 34	12 18	1 46	4 53	14 22	23 17	23 15	21 16	6 58	1 45			
S 27	8 37	0 6	5 0	8 52	1 39	19 20	0 15	3 26	3 54	1 40	1 30	21 11	0 16	21 24	0 34	12 18	1 46	4 54	14 21	23 16	23 15	21 17	6 59	1 45			
S 28	8s14	5n28	4n58	8s 4	1s33	19s 6	0n11	3n33	3n54	1n43	1n30	21n12	0n16	21n24	0n34	12s17	1n47	4n54	14s21	23s16	23s14	21s18	7n 0	1n45			

ASTRODIENST EPHEMERIS for the year 2123

geocentric

MARCH 2123

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 33 20	9♂53°06	16♂39	15♂1	5♂2	29°R45	29°R 3	25°R53	26°R22	7°R23	24♂20	23°R19	23♂0	24♂46	13♂45	M 1
T 2	10 37 17	10°53'25	1♂1	16°55	6°15	29♂26	28♂55	25♂51	26♂21	7♂22	24°20	23♂11	22°57	24°52	13°48	T 2
W 3	10 41 13	11°53'41	15°21	18°50	7°28	29° 6	28°48	25°48	26°19	7°21	24°21	23° 6	22°54	24°59	13°51	W 3
T 4	10 45 10	12°53'55	29°35	20°45	8°41	28°46	28°41	25°45	26°18	7°20	24°21	23° 4	22°51	25° 6	13°54	T 4
F 5	10 49 6	13°54'08	13♂41	22°39	9°54	28°26	28°34	25°43	26°16	7°20	24°22	23°D 4	22°48	25°12	13°58	F 5
S 6	10 53 3	14°54'18	27°39	24°33	11° 7	28° 5	28°27	25°40	26°15	7°19	24°22	23°R 4	22°45	25°19	14° 1	S 6
S 7	10 56 59	15°54'26	11♂28	26°27	12°20	27°43	28°19	25°38	26°13	7°18	24°23	23° 3	22°41	25°26	14° 4	S 7
M 8	11 0 56	16°54'33	25° 8	28°20	13°33	27°21	28°12	25°36	26°12	7°17	24°24	23° 0	22°38	25°32	14° 7	M 8
T 9	11 4 53	17°54'36	8♂40	0♂12	14°46	26°59	28° 4	25°34	26°10	7°16	24°24	22°54	22°35	25°39	14°11	T 9
W10	11 8 49	18°54'38	22° 2	2° 2	16° 0	26°37	27°56	25°32	26° 9	7°15	24°25	22°45	22°32	25°46	14°14	W10
T 11	11 12 46	19°54'38	5♂13	3°50	17°13	26°14	27°49	25°30	26° 8	7°14	24°26	22°34	22°29	25°52	14°17	T 11
F 12	11 16 42	20°54'36	18°11	5°36	18°26	25°51	27°41	25°28	26° 7	7°13	24°26	22°20	22°25	25°59	14°21	F 12
S 13	11 20 39	21°54'32	0♂57	7°18	19°39	25°28	27°33	25°27	26° 5	7°12	24°27	22° 7	22°22	26° 5	14°24	S 13
S 14	11 24 35	22°54'26	13°28	8°58	20°52	25° 4	27°26	25°25	26° 4	7°11	24°28	21°53	22°19	26°12	14°27	S 14
M15	11 28 32	23°54'18	25°45	10°33	22° 5	24°41	27°18	25°24	26° 3	7°10	24°28	21°42	22°16	26°19	14°31	M15
T 16	11 32 28	24°54'09	7♂50	12° 4	23°19	24°17	27°10	25°22	26° 2	7° 9	24°29	21°33	22°13	26°25	14°34	T 16
W17	11 36 25	25°53'57	19°45	13°30	24°32	23°54	27° 2	25°21	26° 1	7° 8	24°30	21°27	22°10	26°32	14°38	W17
T 18	11 40 21	26°53'44	1♂34	14°50	25°45	23°30	26°55	25°20	26° 0	7° 7	24°31	21°24	22° 6	26°39	14°41	T 18
F 19	11 44 18	27°53'30	13°22	16° 5	26°59	23° 7	26°47	25°19	26° 0	7° 6	24°31	21°22	22° 3	26°45	14°44	F 19
S 20	11 48 15	28°53'14	25°14	17°13	28°12	22°43	26°39	25°18	25°59	7° 4	24°32	21°22	22° 0	26°52	14°48	S 20
S 21	11 52 11	29°52'55	7♂14	18°14	29°25	22°20	26°31	25°17	25°58	7° 3	24°33	21°22	21°57	26°59	14°51	S 21
M22	11 56 8	0♂52'36	19°30	19° 9	0♂39	21°57	26°23	25°17	25°57	7° 2	24°34	21°21	21°54	27° 5	14°55	M22
T 23	12 0 4	1°52'14	2♂5	19°55	1°52	21°34	26°16	25°16	25°57	7° 1	24°35	21°18	21°51	27°12	14°58	T 23
W24	12 4 1	2°51'51	15° 4	20°35	3° 5	21°11	26° 8	25°16	25°56	7° 0	24°36	21°12	21°47	27°19	15° 2	W24
T 25	12 7 57	3°51'26	28°29	21° 6	4°19	20°49	26° 0	25°15	25°56	6°58	24°37	21° 3	21°44	27°25	15° 5	T 25
F 26	12 11 54	4°50'59	12♂21	21°30	5°32	20°27	25°53	25°15	25°55	6°57	24°37	20°53	21°41	27°32	15° 9	F 26
S 27	12 15 50	5°50'30	26°37	21°46	6°45	20° 6	25°45	25°15	25°55	6°56	24°38	20°42	21°38	27°39	15°13	S 27
S 28	12 19 47	6°49'59	11♂11	21°53	7°59	19°45	25°37	25°D15	25°54	6°54	24°39	20°30	21°35	27°45	15°16	S 28
M29	12 23 44	7°49'26	25°57	21°R53	9°12	19°24	25°30	25°15	25°54	6°53	24°40	20°20	21°31	27°52	15°20	M29
T 30	12 27 40	8°48'51	10♂45	21°46	10°26	19° 4	25°22	25°15	25°54	6°51	24°41	20°13	21°28	27°59	15°23	T 30
W31	12 31 37	9°48'13	25♂29	21♂32	11♂39	18♂44	25♂15	25♂16	25♂53	6♂50	24♂42	20♂8	21♂25	28♂5	15♂27	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	7s51	10n48	4n37	7s14	1s27	18s52	0n 8	3n41	3n54	1n46	1n30	21n13	0n16	21n25	0n34	12s17
T 2	7 29	15 33	3 59	6 24	1 20	18 37	0 5	3 49	3 55	1 49	1 31	21 13	0 16	21 25	0 33	12 17
W 3	7 6	19 23	3 5	5 32	1 13	18 22	0 2	3 57	3 55	1 52	1 31	21 14	0 16	21 25	0 33	12 16
T 4	6 43	22 1	2 1	4 40	1 5	18 6	0s 2	4 5	3 55	1 55	1 31	21 14	0 16	21 26	0 33	12 16
F 5	6 20	23 15	0 49	3 46	0 56	17 50	0 5	4 13	3 55	1 58	1 31	21 15	0 16	21 26	0 33	12 16
S 6	5 57	23 0	0s24	2 53	0 47	17 33	0 8	4 21	3 55	2 1	1 31	21 15	0 16	21 26	0 33	12 16
S 7	5 33	21 20	1 36	1 59	0 37	17 16	0 11	4 30	3 55	2 4	1 31	21 16	0 16	21 26	0 33	12 15
M 8	5 10	18 27	2 41	1 4	0 27	16 58	0 14	4 38	3 54	2 7	1 31	21 16	0 16	21 27	0 33	12 15
T 9	4 47	14 36	3 36	0 10	0 16	16 40	0 17	4 46	3 54	2 10	1 31	21 17	0 16	21 27	0 33	12 15
W10	4 23	10 4	4 19	0n44	0 4	16 21	0 20	4 55	3 53	2 13	1 31	21 17	0 16	21 27	0 33	12 14
T 11	4 0	5 9	4 47	1 38	0n 8	16 2	0 23	5 4	3 53	2 16	1 32	21 18	0 16	21 27	0 33	12 14
F 12	3 36	0 4	4 59	2 31	0 20	15 42	0 26	5 12	3 52	2 19	1 32	21 18	0 17	21 28	0 33	12 14
S 13	3 12	4s54	4 56	3 24	0 33	15 22	0 29	5 21	3 52	2 22	1 32	21 19	0 17	21 28	0 33	12 13
S 14	2 49	9 36	4 39	4 15	0 45	15 2	0 32	5 29	3 51	2 26	1 32	21 19	0 17	21 28	0 33	12 13
M15	2 25	13 49	4 9	5 4	0 58	14 41	0 34	5 38	3 50	2 29	1 32	21 19	0 17	21 28	0 33	12 12
T 16	2 1	17 24	3 29	5 52	1 12	14 19	0 37	5 46	3 49	2 32	1 32	21 20	0 17	21 28	0 33	12 12
W17	1 38	20 13	2 39	6 38	1 25	13 58	0 40	5 54	3 48	2 35	1 32	21 20	0 17	21 28	0 33	12 12
T 18	1 14	22 8	1 43	7 21	1 38	13 35	0 42	6 3	3 47	2 38	1 32	21 20	0 17	21 29	0 33	12 11
F 19	0 50	23 5	0 42	8 1	1 51	13 13	0 45	6 11	3 45	2 41	1 32	21 20	0 17	21 29	0 33	12 11
S 20	0 27	23 0	0n20	8 39	2 3	12 50	0 47	6 19	3 44	2 44	1 32	21 21	0 17	21 29	0 33	12 10
S 21	0 3	21 50	1 23	9 14	2 15	12 27	0 50	6 27	3 42	2 47	1 32	21 21	0 17	21 29	0 33	12 10
M22	0n21	19 39	2 23	9 45	2 27	12 3	0 52	6 34	3 41	2 51	1 32	21 21	0 17	21 29	0 33	12 9
T 23	0 45	16 28	3 18	10 13	2 37	11 39	0 55	6 42	3 39	2 54	1 32	21 21	0 17	21 29	0 33	12 9
W24	1 8	12 25	4 4	10 37	2 47	11 15	0 57	6 49	3 38	2 57	1 32	21 21	0 17	21 29	0 33	12 9
T 25	1 32	7 38	4 39	10 57	2 56	10 50	0 59	6 57	3 36	3 0	1 32	21 21	0 17	21 29	0 33	12 8
F 26	1 56	2 20	4 58	11 13	3 4	10 26	1 1	7 3	3 34	3 3	1 32	21 22	0 18	21 29	0 33	12 8
S 27	2 19	3n15	5 0	11 25	3 10	10 0	1 3	7 10	3 32	3 6	1 32	21 22	0 18	21 29	0 33	12 7
S 28	2 43	8 45	4 42	11 33	3 16	9 35	1 5	7 17	3 30	3 9	1 32	21 22	0 18	21 30	0 33	12 7
M29	3 6	13 50	4 6	11 37	3 20	9 9	1 7	7 23	3 28	3 12	1 32	21 22	0 18	21 30	0 33	12 6
T 30	3 30	18 5	3 13	11 36	3 22	8 43	1 9	7 29	3 26	3 15	1 32	21 22	0 18	21 30	0 33	12 6
W31	3n53	21n10	2n 7	11n31	3n23	8s17	1s11	7n34	3n24	3n18	1n32	21n22	0n18	21n30	0n33	12s 5

Julian Day Number = 2496528.5, Delta T = 105.02 sec
 Ecliptic obliquity = 23°25'23", Nutation = 0°00'18", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 26°27'40", Lahiri = 25°34'41"

ASTRODIENST EPHEMERIS for the year 2123

geocentric

APRIL 2123

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 35 33	10°47'34"	10°11' 1	21°R10	12°45'52"	18°R26	25°R 8	25°16	25°R53	6°R49	24°43	20°R 6	21°22	28°12	15°30	T 1
F 2	12 39 30	11°46'52"	24°19	20°43	14° 6	18°7 7	25°1 1	25°17	25°53	6°47	24°44	20°D 6	21°19	28°19	15°34	F 2
S 3	12 43 26	12°46'08"	8°21	20°10	15°19	17°50	24°53	25°17	25°53	6°46	24°45	20°R 6	21°16	28°25	15°38	S 3
S 4	12 47 23	13°45'22"	22° 6	19°32	16°33	17°32	24°46	25°18	25°D53	6°44	24°46	20°27 6	21°12	28°32	15°41	S 4
M 5	12 51 19	14°44'33"	5°23	18°50	17°46	17°16	24°39	25°19	25°53	6°43	24°48	20° 4	21° 9	28°39	15°45	M 5
T 6	12 55 16	15°43'42"	18°50	18° 6	19° 0	17° 0	24°32	25°20	25°53	6°41	24°49	20° 0	21° 6	28°45	15°48	T 6
W 7	12 59 13	16°42'48"	1°52	17°19	20°13	16°46	24°26	25°21	25°53	6°40	24°50	19°53	21° 3	28°52	15°52	W 7
T 8	13 3 9	17°41'52"	14°42	16°31	21°26	16°31	24°19	25°22	25°54	6°38	24°51	19°44	21° 0	28°59	15°55	T 8
F 9	13 7 6	18°40'54"	27°20	15°43	22°40	16°18	24°12	25°23	25°54	6°37	24°52	19°33	20°56	29° 5	15°59	F 9
S 10	13 11 2	19°39'54"	9°48	14°55	23°53	16° 5	24° 6	25°25	25°54	6°35	24°53	19°22	20°53	29°12	16° 3	S 10
S 11	13 14 59	20°38'52"	22° 4	14° 9	25° 7	15°53	24° 0	25°26	25°55	6°34	24°54	19°11	20°50	29°19	16° 6	S 11
M12	13 18 55	21°37'48"	4°11	13°26	26°20	15°42	23°53	25°28	25°55	6°32	24°55	19° 2	20°47	29°25	16°10	M12
T 13	13 22 52	22°36'42"	16° 9	12°45	27°34	15°31	23°47	25°30	25°55	6°31	24°56	18°54	20°44	29°32	16°13	T 13
W14	13 26 48	23°35'34"	28° 1	12° 9	28°47	15°22	23°41	25°32	25°56	6°29	24°58	18°50	20°41	29°39	16°17	W14
T 15	13 30 45	24°34'24"	9°49	11°36	0°49	15°13	23°35	25°34	25°57	6°27	24°59	18°47	20°37	29°45	16°20	T 15
F 16	13 34 41	25°33'13"	21°36	11° 8	1°14	15° 5	23°30	25°36	25°57	6°26	25° 0	18°D47	20°34	29°52	16°24	F 16
S 17	13 38 38	26°31'59"	3°28	10°45	2°27	14°57	23°24	25°38	25°58	6°24	25° 1	18°48	20°31	29°58	16°28	S 17
S 18	13 42 35	27°30'44"	15°28	10°27	3°41	14°51	23°19	25°40	25°59	6°23	25° 2	18°49	20°28	0°27 5	16°31	S 18
M19	13 46 31	28°29'28"	27°41	10°14	4°54	14°45	23°13	25°42	26° 0	6°21	25° 4	18°R50	20°25	0°12	16°35	M19
T 20	13 50 28	29°28'09"	10°14	10° 7	6° 8	14°40	23° 8	25°45	26° 0	6°19	25° 5	18°49	20°22	0°18	16°38	T 20
W21	13 54 24	0°26'49"	23°11	10°D 4	7°21	14°36	23° 3	25°47	26° 1	6°18	25° 6	18°46	20°18	0°25	16°42	W21
T 22	13 58 21	1°25'27"	6°34	10° 7	8°35	14°32	22°58	25°50	26° 2	6°16	25° 7	18°42	20°15	0°32	16°45	T 22
F 23	14 2 17	2°24'03"	20°26	10°15	9°48	14°30	22°54	25°53	26° 3	6°14	25° 9	18°36	20°12	0°38	16°49	F 23
S 24	14 6 14	3°22'38"	4°45	10°27	11° 2	14°28	22°49	25°56	26° 4	6°13	25°10	18°29	20° 9	0°45	16°52	S 24
S 25	14 10 10	4°21'11"	19°28	10°45	12°15	14°27	22°45	25°59	26° 5	6°11	25°11	18°22	20° 6	0°52	16°56	S 25
M26	14 14 7	5°19'42"	4°27	11° 7	13°29	14°D26	22°41	26° 2	26° 7	6°10	25°12	18°16	20° 2	0°58	16°59	M26
T 27	14 18 4	6°18'12"	19°33	11°33	14°42	14°26	22°36	26° 5	26° 8	6° 8	25°14	18°12	19°59	1° 5	17° 3	T 27
W28	14 22 0	7°16'39"	4°37	12° 4	15°56	14°28	22°33	26° 8	26° 9	6° 6	25°15	18° 9	19°56	1°12	17° 6	W28
T 29	14 25 57	8°15'05"	19°31	12°39	17° 9	14°29	22°29	26°11	26°10	6° 5	25°16	18°D 8	19°53	1°18	17° 9	T 29
F 30	14 29 53	9°13'28"	4°27	13°18	18°23	14°32	22°25	26°15	26°12	6°11	25°18	18°27 9	19°50	1°25	17°13	F 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	4n16	22n49	0n53	11n22	3n22	7s51	1s13	7n40	3n21	3n20	1n32	21n22	0n18	21n30	0n33	12s 5
F 2	4 39	22 56	0s22	11 10	3 19	7 24	1 15	7 45	3 19	3 23	1 32	21 22	0 18	21 30	0 33	12 4
S 3	5 2	21 34	1 36	10 53	3 15	6 57	1 16	7 50	3 17	3 26	1 32	21 22	0 18	21 30	0 33	12 4
S 4	5 25	18 57	2 42	10 33	3 9	6 30	1 18	7 54	3 14	3 29	1 32	21 22	0 18	21 30	0 33	12 3
M 5	5 48	15 21	3 37	10 10	3 2	6 3	1 19	7 58	3 12	3 31	1 32	21 22	0 18	21 30	0 33	12 3
T 6	6 11	11 2	4 20	9 45	2 52	5 36	1 21	8 2	3 9	3 34	1 32	21 21	0 18	21 30	0 33	12 2
W 7	6 34	6 18	4 49	9 17	2 42	5 8	1 22	8 6	3 7	3 37	1 31	21 21	0 18	21 29	0 33	12 2
T 8	6 56	1 22	5 3	8 47	2 30	4 40	1 24	8 9	3 4	3 39	1 31	21 21	0 18	21 29	0 33	12 1
F 9	7 19	3s33	5 1	8 17	2 16	4 12	1 25	8 12	3 2	3 42	1 31	21 21	0 18	21 29	0 33	12 1
S 10	7 41	8 15	4 45	7 45	2 2	3 44	1 26	8 14	2 59	3 44	1 31	21 21	0 19	21 29	0 33	12 0
S 11	8 3	12 33	4 16	7 13	1 47	3 16	1 27	8 17	2 57	3 47	1 31	21 21	0 19	21 29	0 33	12 0
M12	8 26	16 17	3 35	6 42	1 31	2 48	1 28	8 19	2 54	3 49	1 31	21 20	0 19	21 29	0 33	11 59
T 13	8 47	19 18	2 46	6 11	1 15	2 20	1 29	8 20	2 52	3 51	1 31	21 20	0 19	21 29	0 33	11 59
W14	9 9	21 29	1 49	5 42	0 59	1 51	1 30	8 22	2 49	3 54	1 31	21 20	0 19	21 29	0 33	11 58
T 15	9 31	22 42	0 48	5 14	0 42	1 23	1 31	8 23	2 46	3 56	1 31	21 19	0 19	21 29	0 33	11 58
F 16	9 52	22 54	0n15	4 48	0 26	0 55	1 31	8 24	2 44	3 58	1 30	21 19	0 19	21 29	0 33	11 57
S 17	10 14	22 4	1 18	4 24	0 9	0 26	1 32	8 24	2 41	4 0	1 30	21 19	0 19	21 28	0 33	11 56
S 18	10 35	20 14	2 19	4 2	0s 7	0n 3	1 33	8 24	2 39	4 2	1 30	21 18	0 19	21 28	0 33	11 56
M19	10 56	17 26	3 14	3 43	0 22	0 31	1 33	8 24	2 36	4 4	1 30	21 18	0 19	21 28	0 33	11 55
T 20	11 17	13 47	4 2	3 26	0 37	1 0	1 34	8 23	2 33	4 6	1 30	21 18	0 19	21 28	0 33	11 55
W21	11 37	9 23	4 39	3 12	0 51	1 29	1 34	8 23	2 31	4 8	1 30	21 17	0 19	21 28	0 32	11 54
T 22	11 58	4 25	5 2	3 0	1 5	1 57	1 34	8 22	2 28	4 10	1 30	21 17	0 19	21 27	0 32	11 54
F 23	12 18	0n56	5 9	2 51	1 18	2 26	1 35	8 20	2 25	4 11	1 29	21 16	0 19	21 27	0 32	11 53
S 24	12 38	6 25	4 56	2 45	1 30	2 55	1 35	8 19	2 23	4 13	1 29	21 16	0 19	21 27	0 32	11 53
S 25	12 58	11 42	4 25	2 41	1 42	3 23	1 35	8 17	2 20	4 14	1 29	21 15	0 19	21 27	0 32	11 52
M26	13 17	16 22	3 35	2 40	1 53	3 52	1 35	8 14	2 18	4 16	1 29	21 15	0 20	21 27	0 32	11 52
T 27	13 37	20 0	2 29	2 41	2 3	4 20	1 35	8 12	2 15	4 17	1 29	21 14	0 20	21 26	0 32	11 51
W28	13 56	22 15	1 13	2 45	2 12	4 48	1 35	8 9	2 13	4 19	1 29	21 14	0 20	21 26	0 32	11 51
T 29	14 15	22 53	0s 7	2 50	2 20	5 17	1 34	8 6	2 10	4 20	1 28	21 13	0 20	21 26	0 32	11 50
F 30	14n34	21n56	1s26	2n58	2s28	5n45	1s34	8n 3	2n 8	4n21	1n28	21n13	0n20	21n26	0n32	11s49

Julian Day Number = 2496559.5, Delta T = 105.07 sec

Ecliptic obliquity = 23°25'23", Nutation = 0°00'17", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 26°27'44", Lahiri = 25°34'45"

ASTRODIENST EPHEMERIS for the year 2123

geocentric

MAY 2123

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 33 50	10♈11'50	18♌21	14♊0	19♊36	14♊35	22°R22	26♈18	26♈13	6°R 1	25♈19	18♊11	19♊47	1♊32	17♊16	S 1
S 2	14 37 46	11°10'09	2♌14	14°46	20°50	14°39	22♊19	26°22	26°15	6♌0	25°20	18°12	19°43	1°38	17°19	S 2
M 3	14 41 43	12° 8'26	15°44	15°36	22° 3	14°44	22°16	26°26	26°16	5°58	25°22	18°R12	19°40	1°45	17°23	M 3
T 4	14 45 39	13° 6'41	28°54	16°28	23°16	14°49	22°13	26°30	26°18	5°57	25°23	18°11	19°37	1°52	17°26	T 4
W 5	14 49 36	14° 4'54	11♊46	17°24	24°30	14°55	22°10	26°34	26°19	5°55	25°24	18° 8	19°34	1°58	17°29	W 5
T 6	14 53 33	15° 3'05	24°22	18°23	25°43	15° 2	22° 8	26°38	26°21	5°53	25°26	18° 4	19°31	2° 5	17°33	T 6
F 7	14 57 29	16° 1'14	6♌46	19°25	26°57	15° 9	22° 5	26°42	26°23	5°52	25°27	17°59	19°28	2°12	17°36	F 7
S 8	15 1 26	16°59'21	18°59	20°30	28°10	15°17	22° 3	26°46	26°24	5°50	25°28	17°53	19°24	2°18	17°39	S 8
S 9	15 5 22	17°57'26	1♌ 2	21°37	29°24	15°26	22° 1	26°50	26°26	5°48	25°30	17°48	19°21	2°25	17°42	S 9
M10	15 9 19	18°55'30	12°59	22°47	0♈37	15°35	21°59	26°54	26°28	5°47	25°31	17°44	19°18	2°31	17°46	M10
T 11	15 13 15	19°53'32	24°51	24° 0	1°51	15°45	21°58	26°59	26°30	5°45	25°32	17°41	19°15	2°38	17°49	T 11
W12	15 17 12	20°51'32	6♊40	25°15	3° 4	15°55	21°56	27° 3	26°32	5°44	25°34	17°39	19°12	2°45	17°52	W12
T 13	15 21 8	21°49'31	18°27	26°33	4°17	16° 6	21°55	27° 8	26°34	5°42	25°35	17°D38	19° 8	2°51	17°55	T 13
F 14	15 25 5	22°47'28	0♈17	27°53	5°31	16°18	21°54	27°13	26°36	5°41	25°36	17°39	19° 5	2°58	17°58	F 14
S 15	15 29 2	23°45'25	12°11	29°15	6°44	16°30	21°53	27°17	26°38	5°39	25°38	17°40	19° 2	3° 5	18° 1	S 15
S 16	15 32 58	24°43'19	24°14	0♈40	7°58	16°43	21°53	27°22	26°40	5°38	25°39	17°42	18°59	3°11	18° 4	S 16
M17	15 36 55	25°41'13	6♊29	2° 6	9°11	16°56	21°52	27°27	26°42	5°36	25°40	17°43	18°56	3°18	18° 7	M17
T 18	15 40 51	26°39'05	19° 2	3°35	10°25	17°10	21°52	27°32	26°44	5°35	25°42	17°44	18°53	3°25	18°10	T 18
W19	15 44 48	27°36'56	1♈55	5° 7	11°38	17°24	21°D52	27°37	26°47	5°33	25°43	17°R44	18°49	3°31	18°13	W19
T 20	15 48 44	28°34'45	15°13	6°40	12°52	17°39	21°52	27°42	26°49	5°32	25°44	17°44	18°46	3°38	18°16	T 20
F 21	15 52 41	29°32'34	28°58	8°16	14° 5	17°54	21°52	27°47	26°51	5°30	25°46	17°42	18°43	3°45	18°19	F 21
S 22	15 56 37	0♈30'21	13♊9	9°54	15°19	18° 9	21°52	27°53	26°54	5°29	25°47	17°40	18°40	3°51	18°22	S 22
S 23	16 0 34	1°28'07	27°46	11°34	16°32	18°26	21°53	27°58	26°56	5°27	25°48	17°38	18°37	3°58	18°25	S 23
M24	16 4 31	2°25'53	12♈43	13°16	17°46	18°42	21°54	28° 3	26°58	5°26	25°50	17°36	18°33	4° 5	18°27	M24
T 25	16 8 27	3°23'37	27♊1	15° 0	18°59	18°59	21°55	28° 9	27° 1	5°24	25°51	17°35	18°30	4°11	18°30	T 25
W26	16 12 24	4°21'19	13♊3	16°47	20°13	19°17	21°56	28°14	27° 3	5°23	25°53	17°D34	18°27	4°18	18°33	W26
T 27	16 16 20	5°19'01	28° 9	18°35	21°26	19°35	21°57	28°20	27° 6	5°22	25°54	17°34	18°24	4°25	18°36	T 27
F 28	16 20 17	6°16'41	12♌59	20°26	22°39	19°54	21°59	28°26	27° 9	5°20	25°55	17°35	18°21	4°31	18°38	F 28
S 29	16 24 13	7°14'20	27°29	22°19	23°53	20°12	22° 0	28°32	27°11	5°19	25°57	17°36	18°18	4°38	18°41	S 29
S 30	16 28 10	8°11'57	11♌33	24°14	25° 6	20°32	22° 2	28°37	27°14	5°18	25°58	17°37	18°14	4°44	18°44	S 30
M31	16 32 6	9♈9'32	25♌11	26♈12	26♈20	20♊51	22♊4	28♌43	27♌17	5♌16	25♈59	17♊37	18♊11	4♊51	18♊46	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	14n52	19n34	2s37	3n 8	2s35	6n13	1s34	7n59	2n 5	4n22	1n28	21n12	0n20	21n25	0n32	S 1
S 2	15 10	16 7	3 37	3 20	2 41	6 41	1 33	7 55	2 3	4 24	1 28	21 11	0 20	21 25	0 32	S 2
M 3	15 28	11 55	4 24	3 34	2 46	7 9	1 33	7 51	2 0	4 25	1 28	21 11	0 20	21 25	0 32	M 3
T 4	15 46	7 14	4 55	3 50	2 51	7 36	1 32	7 47	1 58	4 25	1 27	21 10	0 20	21 24	0 32	T 4
W 5	16 3	2 22	5 10	4 8	2 55	8 4	1 32	7 43	1 55	4 26	1 27	21 9	0 20	21 24	0 32	W 5
T 6	16 20	2s31	5 10	4 27	2 58	8 31	1 31	7 38	1 53	4 27	1 27	21 9	0 20	21 24	0 32	T 6
F 7	16 37	7 12	4 56	4 48	3 1	8 58	1 30	7 33	1 51	4 28	1 27	21 8	0 20	21 23	0 32	F 7
S 8	16 54	11 33	4 28	5 11	3 3	9 25	1 30	7 28	1 48	4 29	1 27	21 7	0 20	21 23	0 32	S 8
S 9	17 10	15 23	3 48	5 35	3 4	9 52	1 29	7 22	1 46	4 29	1 26	21 6	0 20	21 23	0 32	S 9
M10	17 26	18 34	2 59	6 0	3 5	10 19	1 28	7 16	1 44	4 30	1 26	21 6	0 20	21 22	0 32	M10
T 11	17 42	20 56	2 2	6 27	3 4	10 45	1 27	7 11	1 42	4 30	1 26	21 5	0 20	21 22	0 32	T 11
W12	17 57	22 24	1 0	6 55	3 4	11 11	1 26	7 5	1 39	4 30	1 26	21 4	0 20	21 21	0 32	W12
T 13	18 13	22 51	0n 5	7 24	3 2	11 37	1 25	6 58	1 37	4 31	1 26	21 3	0 21	21 21	0 32	T 13
F 14	18 27	22 16	1 9	7 54	3 0	12 2	1 24	6 52	1 35	4 31	1 25	21 2	0 21	21 21	0 32	F 14
S 15	18 42	20 41	2 11	8 25	2 58	12 27	1 22	6 45	1 33	4 31	1 25	21 2	0 21	21 20	0 32	S 15
S 16	18 56	18 10	3 8	8 58	2 55	12 52	1 21	6 38	1 31	4 31	1 25	21 1	0 21	21 20	0 32	S 16
M17	19 10	14 48	3 58	9 31	2 51	13 17	1 20	6 31	1 29	4 31	1 25	21 0	0 21	21 19	0 32	M17
T 18	19 24	10 43	4 37	10 5	2 47	13 42	1 18	6 24	1 27	4 31	1 24	20 59	0 21	21 19	0 32	T 18
W19	19 37	6 3	5 4	10 40	2 42	14 6	1 17	6 16	1 25	4 31	1 24	20 58	0 21	21 19	0 32	W19
T 20	19 50	0 58	5 16	11 16	2 37	14 29	1 15	6 9	1 23	4 31	1 24	20 57	0 21	21 18	0 32	T 20
F 21	20 2	4n20	5 10	11 52	2 31	14 53	1 14	6 1	1 21	4 30	1 24	20 56	0 21	21 18	0 32	F 21
S 22	20 15	9 34	4 46	12 29	2 24	15 16	1 12	5 53	1 19	4 30	1 24	20 55	0 21	21 17	0 32	S 22
S 23	20 26	14 26	4 2	13 6	2 18	15 38	1 11	5 45	1 17	4 30	1 23	20 54	0 21	21 17	0 32	S 23
M24	20 38	18 31	3 1	13 44	2 10	16 1	1 9	5 37	1 15	4 29	1 23	20 53	0 21	21 16	0 32	M24
T 25	20 49	21 25	1 47	14 22	2 2	16 22	1 7	5 28	1 13	4 29	1 23	20 52	0 21	21 16	0 32	T 25
W26	21 0	22 46	0 25	15 1	1 54	16 44	1 6	5 20	1 11	4 28	1 23	20 51	0 21	21 15	0 32	W26
T 27	21 10	22 26	0s58	15 39	1 46	17 5	1 4	5 11	1 9	4 27	1 22	20 50	0 21	21 15	0 32	T 27
F 28	21 20	20 32	2 16	16 18	1 36	17 26	1 2	5 2	1 7	4 26	1 22	20 49	0 21	21 14	0 32	F 28
S 29	21 30	17 19	3 24	16 56	1 27	17 46	1 0	4 53	1 5	4 26	1 22	20 48	0 21	21 14	0 32	S 29
S 30	21 40	13 11	4 17	17 34	1 17	18 5	0 58	4 43	1 4	4 25	1 22	20 46	0 22	21 13	0 32	S 30
M31	21n48	8n30	4s54	18n12	1s 7	18n25	0s56	4n34	1n 2	4n24	1n22	20n45	0n22	21n13	0n32	M31

Julian Day Number = 2496589.5, Delta T = 105.11 sec
 Ecliptic obliquity = 23°25'22, Nutation = 0°00'16, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 26°27'49, Lahiri = 25°34'49

ASTRODIENST EPHEMERIS for the year 2123
geocentric

JUNE 2123

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 36 3	10II 7°07	8♐24	28♊11	27♋33	21♌12	22♍6	28♎49	27♏19	5°R15	26♐1	17°R38	18♑8	4♒58	18♓49	T 1
W 2	16 40 0	11° 4'39	21°15	0II12	28°47	21°32	22° 9	28°55	27°22	5M.14	26° 2	17♒37	18° 5	5° 4	18°51	W 2
T 3	16 43 56	12° 2'11	3♌46	2°15	0II 0	21°53	22°11	29° 1	27°25	5°12	26° 3	17°37	18° 2	5°11	18°54	T 3
F 4	16 47 53	12°59'41	16° 2	4°20	1°14	22°14	22°14	29° 7	27°28	5°11	26° 4	17°37	17°59	5°18	18°56	F 4
S 5	16 51 49	13°57'10	28° 6	6°26	2°27	22°36	22°17	29°14	27°31	5°10	26° 6	17°36	17°55	5°24	18°58	S 5
S 6	16 55 46	14°54'37	10♍2	8°34	3°41	22°58	22°20	29°20	27°33	5° 9	26° 7	17°36	17°52	5°31	19° 1	S 6
M 7	16 59 42	15°52'04	21°53	10°43	4°54	23°20	22°23	29°26	27°36	5° 8	26° 8	17°35	17°49	5°38	19° 3	M 7
T 8	17 3 39	16°49'29	3♒41	12°54	6° 8	23°43	22°26	29°33	27°39	5° 7	26°10	17°35	17°46	5°44	19° 5	T 8
W 9	17 7 35	17°46'54	15°29	15° 5	7°21	24° 6	22°30	29°39	27°42	5° 5	26°11	17°35	17°43	5°51	19° 7	W 9
T 10	17 11 32	18°44'18	27°19	17°17	8°35	24°29	22°34	29°45	27°45	5° 4	26°12	17°35	17°39	5°58	19°10	T 10
F 11	17 15 29	19°41'40	9♊15	19°29	9°48	24°53	22°38	29°52	27°48	5° 3	26°13	17°35	17°36	6° 4	19°12	F 11
S 12	17 19 25	20°39'03	21°17	21°41	11° 2	25°17	22°42	29°58	27°52	5° 2	26°15	17°35	17°33	6°11	19°14	S 12
S 13	17 23 22	21°36'24	3♈28	23°53	12°15	25°41	22°46	0♌5	27°55	5° 1	26°16	17°34	17°30	6°18	19°16	S 13
M14	17 27 18	22°33'45	15°52	26° 4	13°29	26° 6	22°50	0°12	27°58	5° 0	26°17	17°34	17°27	6°24	19°18	M14
T 15	17 31 15	23°31'05	28°30	28°15	14°42	26°31	22°55	0°18	28° 1	4°59	26°18	17°33	17°24	6°31	19°20	T 15
W16	17 35 11	24°28'25	11♋25	0♉24	15°56	26°56	22°59	0°25	28° 4	4°58	26°20	17°33	17°20	6°38	19°22	W16
T 17	17 39 8	25°25'44	24°41	2°33	17° 9	27°22	23° 4	0°32	28° 7	4°57	26°21	17°D33	17°17	6°44	19°24	T 17
F 18	17 43 4	26°23'03	8♑18	4°40	18°23	27°47	23° 9	0°39	28°11	4°57	26°22	17°33	17°14	6°51	19°25	F 18
S 19	17 47 1	27°20'22	22°18	6°45	19°36	28°13	23°14	0°46	28°14	4°56	26°23	17°33	17°11	6°57	19°27	S 19
S 20	17 50 58	28°17'40	6♊41	8°49	20°50	28°40	23°19	0°53	28°17	4°55	26°24	17°34	17° 8	7° 4	19°29	S 20
M21	17 54 54	29°14'58	21°23	10°51	22° 4	29° 6	23°25	1° 0	28°20	4°54	26°26	17°35	17° 5	7°11	19°31	M21
T 22	17 58 51	0♉12'16	6♌19	12°51	23°17	29°33	23°30	1° 7	28°24	4°53	26°27	17°36	17° 1	7°17	19°32	T 22
W23	18 2 47	1° 9'34	21°23	14°49	24°31	0♌0	23°36	1°14	28°27	4°53	26°28	17°R36	16°58	7°24	19°34	W23
T 24	18 6 44	2° 6'51	6♎26	16°45	25°44	0°28	23°42	1°21	28°30	4°52	26°29	17°35	16°55	7°31	19°35	T 24
F 25	18 10 40	3° 4'08	21°19	18°38	26°58	0°55	23°48	1°28	28°34	4°51	26°30	17°34	16°52	7°37	19°37	F 25
S 26	18 14 37	4° 1'24	5♌55	20°30	28°12	1°23	23°54	1°35	28°37	4°51	26°31	17°32	16°49	7°44	19°38	S 26
S 27	18 18 34	4°58'39	20° 7	22°19	29°25	1°52	24° 0	1°42	28°41	4°50	26°32	17°30	16°45	7°51	19°40	S 27
M28	18 22 30	5°55'54	3♐53	24° 6	0♉39	2°20	24° 7	1°49	28°44	4°49	26°33	17°28	16°42	7°57	19°41	M28
T 29	18 26 27	6°53'08	17°12	25°51	1°53	2°49	24°13	1°57	28°48	4°49	26°35	17°26	16°39	8° 4	19°43	T 29
W30	18 30 23	7°50'22	0♌6	27♉34	3♊6	3♌18	24♐20	2♌4	28°51	4M.48	26♑36	17♒25	16♒36	8♒11	19♓44	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
T 1	21n57	3n34	5s13	18n49	0s57	18n43	0s54	4n24	1n 0	4n23	1n21	20n44	0n22	21n12	0n32	11s34	1n48	5n31	14s 6	22s51	22s54	22s16	8n54	1n39	
W 2	22 5	1s23	5 17	19 25	0 47	19 2	0 52	4 15	0 58	4 21	1 21	20 43	0 22	21 11	0 32	11 34	1 48	5 31	14 6	22 51	22 53	22 16	8 55	1 39	
T 3	22 13	6 10	5 5	20 1	0 36	19 19	0 50	4 5	0 56	4 20	1 21	20 42	0 22	21 11	0 32	11 33	1 48	5 31	14 6	22 51	22 53	22 17	8 56	1 39	
F 4	22 20	10 36	4 39	20 35	0 25	19 37	0 48	3 55	0 55	4 19	1 21	20 41	0 22	21 10	0 32	11 33	1 48	5 32	14 6	22 51	22 53	22 17	8 57	1 39	
S 5	22 28	14 33	4 2	21 8	0 14	19 53	0 46	3 45	0 53	4 18	1 20	20 39	0 22	21 10	0 32	11 33	1 48	5 32	14 6	22 51	22 52	22 17	8 57	1 39	
S 6	22 34	17 53	3 14	21 39	0 4	20 10	0 44	3 35	0 51	4 16	1 20	20 38	0 22	21 9	0 32	11 32	1 48	5 32	14 6	22 51	22 52	22 18	8 58	1 39	
M 7	22 40	20 27	2 18	22 9	0n 7	20 25	0 41	3 24	0 50	4 15	1 20	20 37	0 22	21 9	0 32	11 32	1 48	5 32	14 6	22 51	22 52	22 18	8 59	1 39	
T 8	22 46	22 8	1 17	22 37	0 18	20 40	0 39	3 14	0 48	4 13	1 20	20 36	0 22	21 8	0 32	11 32	1 47	5 32	14 6	22 51	22 52	22 18	9 0	1 39	
W 9	22 52	22 50	0 12	23 3	0 28	20 55	0 37	3 3	0 47	4 12	1 20	20 34	0 22	21 7	0 32	11 31	1 47	5 33	14 7	22 51	22 51	22 19	9 1	1 39	
T 10	22 57	22 30	0n54	23 27	0 38	21 9	0 35	2 53	0 45	4 10	1 19	20 33	0 22	21 7	0 32	11 31	1 47	5 33	14 7	22 51	22 51	22 19	9 2	1 39	
F 11	23 1	21 9	1 58	23 48	0 48	21 22	0 32	2 42	0 43	4 8	1 19	20 32	0 22	21 6	0 32	11 31	1 47	5 33	14 7	22 51	22 51	22 19	9 3	1 39	
S 12	23 6	18 50	2 57	24 6	0 57	21 35	0 30	2 31	0 42	4 6	1 19	20 30	0 22	21 5	0 32	11 30	1 47	5 33	14 7	22 51	22 50	22 20	9 3	1 39	
S 13	23 9	15 40	3 48	24 22	1 5	21 47	0 28	2 20	0 40	4 4	1 19	20 29	0 22	21 5	0 32	11 30	1 47	5 33	14 7	22 51	22 50	22 20	9 4	1 39	
M14	23 13	11 46	4 30	24 35	1 14	21 59	0 25	2 9	0 39	4 3	1 18	20 28	0 22	21 4	0 32	11 30	1 47	5 34	14 7	22 50	22 50	22 20	9 5	1 39	
T 15	23 16	7 17	5 0	24 46	1 21	22 10	0 23	1 57	0 37	4 1	1 18	20 26	0 23	21 4	0 32	11 29	1 47	5 34	14 7	22 50	22 50	22 20	9 6	1 39	
W16	23 18	2 24	5 16	24 53	1 28	22 20	0 21	1 46	0 36	3 59	1 18	20 25	0 23	21 3	0 32	11 29	1 47	5 34	14 7	22 50	22 49	22 21	9 6	1 39	
T 17	23 21	2n42	5 15	24 58	1 34	22 30	0 18	1 35	0 34	3 56	1 18	20 23	0 23	21 2	0 32	11 29	1 47	5 34	14 7	22 50	22 49	22 21	9 7	1 39	
F 18	23 22	7 50	4 57	25 0	1 40	22 39	0 16	1 23	0 33	3 54	1 18	20 22	0 23	21 2	0 32	11 29	1 47	5 34	14 7	22 50	22 49	22 21	9 8	1 39	
S 19	23 24	12 43	4 21	24 59	1 44	22 47	0 14	1 11	0 32	3 52	1 17	20 21	0 23	21 1	0 32	11 28	1 47	5 34	14 8	22 50	22 48	22 22	9 9	1 39	
S 20	23 25	17 1	3 28	24 56	1 48	22 55	0 11	1 0	0 30	3 50	1 17	20 19	0 23	21 0	0 32	11 28	1 47	5 34	14 8	22 51	22 48	22 22	9 9	1 39	
M21	23 25	20 21	2 20	24 50	1 52	23 2	0 9	0 48	0 29	3 47	1 17	20 18	0 23	21 0	0 32	11 28	1 47	5 35	14 8	22 51	22 48	22 22	9 10	1 40	
T 22	23 25	22 22	1 2	24 42	1 54	23 9	0 6	0 36	0 27	3 45	1 17	20 16	0 23	20 59	0 32	11 28	1 47	5 35	14 8	22 51	22 47	22 22	9 10	1 40	
W23	23 25	22 48	0s21	24 31	1 56	23 15	0 4	0 24	0 26	3 43	1 17	20 15	0 23	20 58	0 32	11 28	1 47	5 35	14 8	22 51	22 47	22 23	9 11	1 40	
T 24	23 24	21 34	1 43	24 19	1 57	23 20	0 2	0 12	0 25	3 40	1 16	20 13	0 23	20 58	0 31	11 27	1 47	5 35	14 8	22 51	22 47	22 23	9 12	1 40	
F 25	23 23	18 50	2 56	24 4	1 57	23 24	0n 1	0s 1	0 23	3 38	1 16	20 12	0 23	20 57	0 31	11 27	1 47	5 35	14 8	22 51	22 46	22 23	9 12	1 40	
S 26	23 22	14 57	3 57	23 47	1 57	23 28	0 3	0 13	0 22	3 35	1 16	20 10	0 23	20 56	0 31	11 27	1 47	5 35	14 8	22 50	22 46	22 23	9 13	1 40	
S 27	23 20	10 19	4 41	23 29	1 56	23 31	0 6	0 25	0 21	3 32	1 16	20 9	0 23	20 55	0 31	11 27	1 47	5 35	14 9	22 50	22 46	22 23	9 13	1 40	
M28	23 17	5 18	5 7	23 9	1 54	23 33	0 8	0 38	0 19	3 30	1 16	20 7	0 23	20 55	0 31	11 27	1 47	5 35	14 9	22 50	22 46	22 24	9 14	1 40	
T 29	23 15	0 12	5 16	22 47	1 52	23 35	0 10	0 50	0 18	3 27	1 15	20 6	0 23	20 54	0 31	11 27	1 47	5 35	14 9	22 50	22 45	22 24	9 14	1 40	
W30	23n11	4s45	5s 8	22n24	1n49	23n36	0n13	1s 3	0n17	3n24	1n15	20n 4	0n24	20n53	0n31	11s26	1n46	5n35	14s 9	22s50	22s45	22s24	9n15	1n40	

ASTRODIENST EPHEMERIS for the year 2123
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JULY 2123

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Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	18 34 20	8 ^h 47 ^m 35 ^s	12 ^h 23 ^m 38 ^s	29 ^h 51 ^m 14 ^s	4 ^h 52 ^m 20 ^s	3 ^h 47 ^m 27 ^s	24 ^h 17 ^m 27 ^s	2 ^h 01 ^m 11 ^s	28 ^h 55 ^m 55 ^s	4 ^h 48 ^m 48 ^s	26 ^h 37 ^m 37 ^s	17 ^h 02 ^m 25 ^s	16 ^h 27 ^m 33 ^s	8 ^h 21 ^m 17 ^s	19 ^h 47 ^m 45 ^s	T 1
F 2	18 38 16	9 ^h 44 ^m 48 ^s	24 ^h 53 ^m 53 ^s	0 ^h 05 ^m 52 ^s	5 ^h 34 ^m 5 ^s	4 ^h 16 ^m 4 ^s	24 ^h 34 ^m 34 ^s	2 ^h 19 ^m 19 ^s	28 ^h 58 ^m 58 ^s	4 ^h 47 ^m 47 ^s	26 ^h 38 ^m 38 ^s	17 ^h 26 ^m 26 ^s	16 ^h 30 ^m 30 ^s	8 ^h 24 ^m 24 ^s	19 ^h 46 ^m 46 ^s	F 2
S 3	18 42 13	10 ^h 42 ^m 01 ^s	6 ^h 11 ^m 54 ^s	2 ^h 28 ^m 28 ^s	6 ^h 47 ^m 47 ^s	4 ^h 46 ^m 46 ^s	24 ^h 41 ^m 41 ^s	2 ^h 26 ^m 26 ^s	29 ^h 2 ^m 2 ^s	4 ^h 47 ^m 47 ^s	26 ^h 39 ^m 39 ^s	17 ^h 27 ^m 27 ^s	16 ^h 26 ^m 26 ^s	8 ^h 31 ^m 31 ^s	19 ^h 47 ^m 47 ^s	S 3
S 4	18 46 9	11 ^h 39 ^m 13 ^s	18 ^h 46 ^m 46 ^s	4 ^h 2 ^m 2 ^s	8 ^h 1 ^m 1 ^s	5 ^h 15 ^m 15 ^s	24 ^h 48 ^m 48 ^s	2 ^h 33 ^m 33 ^s	29 ^h 5 ^m 5 ^s	4 ^h 46 ^m 46 ^s	26 ^h 40 ^m 40 ^s	17 ^h 29 ^m 29 ^s	16 ^h 23 ^m 23 ^s	8 ^h 37 ^m 37 ^s	19 ^h 48 ^m 48 ^s	S 4
M 5	18 50 6	12 ^h 36 ^m 25 ^s	0 ^h 23 ^m 34 ^s	5 ^h 33 ^m 33 ^s	9 ^h 1 ^m 1 ^s	5 ^h 45 ^m 45 ^s	24 ^h 56 ^m 56 ^s	2 ^h 41 ^m 41 ^s	29 ^h 9 ^m 9 ^s	4 ^h 46 ^m 46 ^s	26 ^h 41 ^m 41 ^s	17 ^h 30 ^m 30 ^s	16 ^h 20 ^m 20 ^s	8 ^h 44 ^m 44 ^s	19 ^h 49 ^m 49 ^s	M 5
T 6	18 54 3	13 ^h 33 ^m 36 ^s	12 ^h 21 ^m 21 ^s	7 ^h 2 ^m 2 ^s	10 ^h 28 ^m 28 ^s	6 ^h 16 ^m 16 ^s	25 ^h 3 ^m 3 ^s	2 ^h 48 ^m 48 ^s	29 ^h 12 ^m 12 ^s	4 ^h 46 ^m 46 ^s	26 ^h 42 ^m 42 ^s	17 ^h 31 ^m 31 ^s	16 ^h 17 ^m 17 ^s	8 ^h 50 ^m 50 ^s	19 ^h 50 ^m 50 ^s	T 6
W 7	18 57 59	14 ^h 30 ^m 47 ^s	24 ^h 12 ^m 12 ^s	8 ^h 28 ^m 28 ^s	11 ^h 42 ^m 42 ^s	6 ^h 46 ^m 46 ^s	25 ^h 11 ^m 11 ^s	2 ^h 56 ^m 56 ^s	29 ^h 16 ^m 16 ^s	4 ^h 45 ^m 45 ^s	26 ^h 43 ^m 43 ^s	17 ^h 31 ^m 31 ^s	16 ^h 14 ^m 14 ^s	8 ^h 57 ^m 57 ^s	19 ^h 51 ^m 51 ^s	W 7
T 8	19 1 56	15 ^h 27 ^m 59 ^s	6 ^h 3 ^m 9 ^s	9 ^h 53 ^m 53 ^s	12 ^h 56 ^m 56 ^s	7 ^h 17 ^m 17 ^s	25 ^h 18 ^m 18 ^s	3 ^h 3 ^m 3 ^s	29 ^h 19 ^m 19 ^s	4 ^h 45 ^m 45 ^s	26 ^h 44 ^m 44 ^s	17 ^h 30 ^m 30 ^s	16 ^h 11 ^m 11 ^s	9 ^h 4 ^m 4 ^s	19 ^h 52 ^m 52 ^s	T 8
F 9	19 5 52	16 ^h 25 ^m 10 ^s	18 ^h 14 ^m 14 ^s	11 ^h 15 ^m 15 ^s	14 ^h 9 ^m 9 ^s	7 ^h 47 ^m 47 ^s	25 ^h 26 ^m 26 ^s	3 ^h 11 ^m 11 ^s	29 ^h 23 ^m 23 ^s	4 ^h 45 ^m 45 ^s	26 ^h 45 ^m 45 ^s	17 ^h 27 ^m 27 ^s	16 ^h 7 ^m 7 ^s	9 ^h 10 ^m 10 ^s	19 ^h 53 ^m 53 ^s	F 9
S 10	19 9 49	17 ^h 22 ^m 21 ^s	0 ^h 22 ^m 28 ^s	12 ^h 34 ^m 34 ^s	15 ^h 23 ^m 23 ^s	8 ^h 18 ^m 18 ^s	25 ^h 34 ^m 34 ^s	3 ^h 18 ^m 18 ^s	29 ^h 27 ^m 27 ^s	4 ^h 44 ^m 44 ^s	26 ^h 46 ^m 46 ^s	17 ^h 23 ^m 23 ^s	16 ^h 4 ^m 4 ^s	9 ^h 17 ^m 17 ^s	19 ^h 54 ^m 54 ^s	S 10
S 11	19 13 45	18 ^h 19 ^m 33 ^s	12 ^h 54 ^m 54 ^s	13 ^h 51 ^m 51 ^s	16 ^h 37 ^m 37 ^s	8 ^h 50 ^m 50 ^s	25 ^h 42 ^m 42 ^s	3 ^h 26 ^m 26 ^s	29 ^h 30 ^m 30 ^s	4 ^h 44 ^m 44 ^s	26 ^h 46 ^m 46 ^s	17 ^h 18 ^m 18 ^s	16 ^h 1 ^m 1 ^s	9 ^h 24 ^m 24 ^s	19 ^h 54 ^m 54 ^s	S 11
M12	19 17 42	19 ^h 16 ^m 44 ^s	25 ^h 33 ^m 33 ^s	15 ^h 6 ^m 6 ^s	17 ^h 51 ^m 51 ^s	9 ^h 21 ^m 21 ^s	25 ^h 50 ^m 50 ^s	3 ^h 34 ^m 34 ^s	29 ^h 34 ^m 34 ^s	4 ^h 44 ^m 44 ^s	26 ^h 47 ^m 47 ^s	17 ^h 13 ^m 13 ^s	15 ^h 58 ^m 58 ^s	9 ^h 30 ^m 30 ^s	19 ^h 55 ^m 55 ^s	M12
T 13	19 21 38	20 ^h 13 ^m 56 ^s	8 ^h 24 ^m 24 ^s	16 ^h 18 ^m 18 ^s	19 ^h 4 ^m 4 ^s	9 ^h 52 ^m 52 ^s	25 ^h 59 ^m 59 ^s	3 ^h 41 ^m 41 ^s	29 ^h 37 ^m 37 ^s	4 ^h 44 ^m 44 ^s	26 ^h 48 ^m 48 ^s	17 ^h 8 ^m 8 ^s	15 ^h 55 ^m 55 ^s	9 ^h 37 ^m 37 ^s	19 ^h 56 ^m 56 ^s	T 13
W14	19 25 35	21 ^h 11 ^m 08 ^s	21 ^h 30 ^m 30 ^s	17 ^h 27 ^m 27 ^s	20 ^h 18 ^m 18 ^s	10 ^h 24 ^m 24 ^s	26 ^h 7 ^m 7 ^s	3 ^h 49 ^m 49 ^s	29 ^h 41 ^m 41 ^s	4 ^h 44 ^m 44 ^s	26 ^h 49 ^m 49 ^s	17 ^h 4 ^m 4 ^s	15 ^h 51 ^m 51 ^s	9 ^h 44 ^m 44 ^s	19 ^h 56 ^m 56 ^s	W14
T 15	19 29 32	22 ^h 8 ^m 21 ^s	4 ^h 47 ^m 51 ^s	18 ^h 34 ^m 34 ^s	21 ^h 32 ^m 32 ^s	10 ^h 56 ^m 56 ^s	26 ^h 16 ^m 16 ^s	3 ^h 56 ^m 56 ^s	29 ^h 45 ^m 45 ^s	4 ^h 44 ^m 44 ^s	26 ^h 50 ^m 50 ^s	17 ^h 1 ^m 1 ^s	15 ^h 48 ^m 48 ^s	9 ^h 50 ^m 50 ^s	19 ^h 57 ^m 57 ^s	T 15
F 16	19 33 28	23 ^h 5 ^m 34 ^s	18 ^h 27 ^m 27 ^s	19 ^h 37 ^m 37 ^s	22 ^h 46 ^m 46 ^s	11 ^h 28 ^m 28 ^s	26 ^h 24 ^m 24 ^s	4 ^h 4 ^m 4 ^s	29 ^h 48 ^m 48 ^s	4 ^h 44 ^m 44 ^s	26 ^h 51 ^m 51 ^s	17 ^h 0 ^m 0 ^s	15 ^h 45 ^m 45 ^s	9 ^h 57 ^m 57 ^s	19 ^h 57 ^m 57 ^s	F 16
S 17	19 37 25	24 ^h 2 ^m 48 ^s	2 ^h 20 ^m 20 ^s	20 ^h 38 ^m 38 ^s	24 ^h 0 ^m 0 ^s	12 ^h 1 ^m 1 ^s	26 ^h 33 ^m 33 ^s	4 ^h 12 ^m 12 ^s	29 ^h 52 ^m 52 ^s	4 ^h 44 ^m 44 ^s	26 ^h 52 ^m 52 ^s	17 ^h 0 ^m 0 ^s	15 ^h 42 ^m 42 ^s	10 ^h 4 ^m 4 ^s	19 ^h 57 ^m 57 ^s	S 17
S 18	19 41 21	25 ^h 0 ^m 02 ^s	16 ^h 29 ^m 29 ^s	21 ^h 36 ^m 36 ^s	25 ^h 13 ^m 13 ^s	12 ^h 33 ^m 33 ^s	26 ^h 42 ^m 42 ^s	4 ^h 19 ^m 19 ^s	29 ^h 56 ^m 56 ^s	4 ^h 44 ^m 44 ^s	26 ^h 52 ^m 52 ^s	17 ^h 1 ^m 1 ^s	15 ^h 39 ^m 39 ^s	10 ^h 10 ^m 10 ^s	19 ^h 58 ^m 58 ^s	S 18
M19	19 45 18	25 ^h 57 ^m 17 ^s	0 ^h 11 ^m 53 ^s	22 ^h 31 ^m 31 ^s	26 ^h 27 ^m 27 ^s	13 ^h 6 ^m 6 ^s	26 ^h 51 ^m 51 ^s	4 ^h 27 ^m 27 ^s	29 ^h 59 ^m 59 ^s	4 ^h 44 ^m 44 ^s	26 ^h 53 ^m 53 ^s	17 ^h 2 ^m 2 ^s	15 ^h 36 ^m 36 ^s	10 ^h 17 ^m 17 ^s	19 ^h 58 ^m 58 ^s	M19
T 20	19 49 14	26 ^h 54 ^m 33 ^s	15 ^h 29 ^m 29 ^s	23 ^h 23 ^m 23 ^s	27 ^h 41 ^m 41 ^s	13 ^h 38 ^m 38 ^s	27 ^h 0 ^m 0 ^s	4 ^h 35 ^m 35 ^s	0 ^h 0 ^m 0 ^s	4 ^h 44 ^m 44 ^s	26 ^h 54 ^m 54 ^s	17 ^h 3 ^m 3 ^s	15 ^h 32 ^m 32 ^s	10 ^h 23 ^m 23 ^s	19 ^h 58 ^m 58 ^s	T 20
W21	19 53 11	27 ^h 51 ^m 50 ^s	0 ^h 23 ^m 13 ^s	24 ^h 11 ^m 11 ^s	28 ^h 55 ^m 55 ^s	14 ^h 11 ^m 11 ^s	27 ^h 9 ^m 9 ^s	4 ^h 42 ^m 42 ^s	0 ^h 7 ^m 7 ^s	4 ^h 44 ^m 44 ^s	26 ^h 55 ^m 55 ^s	17 ^h 3 ^m 3 ^s	15 ^h 29 ^m 29 ^s	10 ^h 30 ^m 30 ^s	19 ^h 58 ^m 58 ^s	W21
T 22	19 57 7	28 ^h 49 ^m 07 ^s	15 ^h 0 ^m 0 ^s	24 ^h 56 ^m 56 ^s	0 ^h 0 ^m 0 ^s	14 ^h 45 ^m 45 ^s	27 ^h 18 ^m 18 ^s	4 ^h 50 ^m 50 ^s	0 ^h 10 ^m 10 ^s	4 ^h 44 ^m 44 ^s	26 ^h 55 ^m 55 ^s	17 ^h 0 ^m 0 ^s	15 ^h 26 ^m 26 ^s	10 ^h 37 ^m 37 ^s	19 ^h 59 ^m 59 ^s	T 22
F 23	20 1 4	29 ^h 46 ^m 24 ^s	29 ^h 41 ^m 41 ^s	25 ^h 37 ^m 37 ^s	1 ^h 23 ^m 23 ^s	15 ^h 18 ^m 18 ^s	27 ^h 28 ^m 28 ^s	4 ^h 58 ^m 58 ^s	0 ^h 14 ^m 14 ^s	4 ^h 44 ^m 44 ^s	26 ^h 56 ^m 56 ^s	16 ^h 56 ^m 56 ^s	15 ^h 23 ^m 23 ^s	10 ^h 43 ^m 43 ^s	19 ^h 59 ^m 59 ^s	F 23
S 24	20 5 1	0 ^h 04 ^m 43 ^s	14 ^h 01 ^m 10 ^s	26 ^h 14 ^m 14 ^s	2 ^h 37 ^m 37 ^s	15 ^h 51 ^m 51 ^s	27 ^h 37 ^m 37 ^s	5 ^h 6 ^m 6 ^s	0 ^h 18 ^m 18 ^s	4 ^h 44 ^m 44 ^s	26 ^h 57 ^m 57 ^s	16 ^h 50 ^m 50 ^s	15 ^h 20 ^m 20 ^s	10 ^h 50 ^m 50 ^s	19 ^h 59 ^m 59 ^s	S 24
S 25	20 8 57	1 ^h 41 ^m 00 ^s	28 ^h 19 ^m 19 ^s	26 ^h 48 ^m 48 ^s	3 ^h 51 ^m 51 ^s	16 ^h 25 ^m 25 ^s	27 ^h 47 ^m 47 ^s	5 ^h 13 ^m 13 ^s	0 ^h 21 ^m 21 ^s	4 ^h 45 ^m 45 ^s	26 ^h 58 ^m 58 ^s	16 ^h 43 ^m 43 ^s	15 ^h 17 ^m 17 ^s	10 ^h 57 ^m 57 ^s	19 ^h 59 ^m 59 ^s	S 25
M26	20 12 54	2 ^h 38 ^m 19 ^s	12 ^h 17 ^m 17 ^s	27 ^h 17 ^m 17 ^s	5 ^h 5 ^m 5 ^s	16 ^h 59 ^m 59 ^s	27 ^h 56 ^m 56 ^s	5 ^h 21 ^m 21 ^s	0 ^h 25 ^m 25 ^s	4 ^h 45 ^m 45 ^s	26 ^h 58 ^m 58 ^s	16 ^h 36 ^m 36 ^s	15 ^h 13 ^m 13 ^s	11 ^h 3 ^m 3 ^s	19 ^h 59 ^m 59 ^s	M26
T 27	20 16 50	3 ^h 35 ^m 38 ^s	25 ^h 28 ^m 28 ^s	27 ^h 42 ^m 42 ^s	6 ^h 19 ^m 19 ^s	17 ^h 33 ^m 33 ^s	28 ^h 6 ^m 6 ^s	5 ^h 29 ^m 29 ^s	0 ^h 29 ^m 29 ^s	4 ^h 45 ^m 45 ^s	26 ^h 59 ^m 59 ^s	16 ^h 29 ^m 29 ^s	15 ^h 10 ^m 10 ^s	11 ^h 10 ^m 10 ^s	19 ^h 58 ^m 58 ^s	T 27
W28	20 20 47	4 ^h 32 ^m 58 ^s	8 ^h 24 ^m 24 ^s	28 ^h 3 ^m 3 ^s	7 ^h 32 ^m 32 ^s	18 ^h 7 ^m 7 ^s	28 ^h 16 ^m 16 ^s	5 ^h 37 ^m 37 ^s	0 ^h 32 ^m 32 ^s	4 ^h 46 ^m 46 ^s	26 ^h 59 ^m 59 ^s	16 ^h 24 ^m 24 ^s	15 ^h 7 ^m 7 ^s	11 ^h 17 ^m 17 ^s	19 ^h 58 ^m 58 ^s	W28
T 29	20 24 43	5 ^h 30 ^m 18 ^s	20 ^h 58 ^m 58 ^s													

ASTRODIENST EPHEMERIS for the year 2123

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 36 33	8♂22'20	27♂ 5	28°R38	12♂28	20♂25	28♂56	6♂ 8	0♂47	4♂47	27♂ 2	16♂22	14♂54	11♂43	19°R57	S 1
M 2	20 40 30	9°19'42	8♂53	28♂34	13°42	21° 0	29° 6	6°15	0°51	4°48	27° 2	16°23	14°51	11°50	19°Y56	M 2
T 3	20 44 26	10°17'05	20°43	28°25	14°56	21°35	29°17	6°23	0°54	4°48	27° 3	16°R23	14°48	11°57	19°56	T 3
W 4	20 48 23	11°14'28	2♂37	28°11	16°10	22°10	29°27	6°31	0°58	4°49	27° 3	16°21	14°45	12° 3	19°55	W 4
T 5	20 52 19	12°11'52	14°41	27°52	17°24	22°46	29°38	6°39	1° 2	4°49	27° 4	16°18	14°42	12°10	19°55	T 5
F 6	20 56 16	13° 9'16	26°57	27°28	18°38	23°21	29°48	6°46	1° 5	4°50	27° 4	16°12	14°38	12°16	19°54	F 6
S 7	21 0 12	14° 6'42	9♂27	26°59	19°52	23°57	29°59	6°54	1° 9	4°51	27° 5	16° 4	14°35	12°23	19°53	S 7
S 8	21 4 9	15° 4'08	22°11	26°26	21° 6	24°32	0♂10	7° 2	1°12	4°51	27° 5	15°54	14°32	12°30	19°53	S 8
M 9	21 8 5	16° 1'35	5♂10	25°49	22°20	25° 8	0°20	7° 9	1°16	4°52	27° 5	15°44	14°29	12°36	19°52	M 9
T 10	21 12 2	16°59'04	18°22	25° 7	23°34	25°44	0°31	7°17	1°20	4°53	27° 6	15°34	14°26	12°43	19°51	T 10
W11	21 15 59	17°56'33	1°Y47	24°23	24°48	26°20	0°42	7°25	1°23	4°54	27° 6	15°25	14°23	12°50	19°50	W11
T 12	21 19 55	18°54'04	15°22	23°37	26° 2	26°57	0°53	7°32	1°27	4°54	27° 7	15°19	14°19	12°56	19°49	T 12
F 13	21 23 52	19°51'36	29° 7	22°49	27°17	27°33	1° 4	7°40	1°30	4°55	27° 7	15°15	14°16	13° 3	19°48	F 13
S 14	21 27 48	20°49'10	13♂ 1	22° 0	28°31	28°10	1°16	7°48	1°34	4°56	27° 7	15°13	14°13	13°10	19°47	S 14
S 15	21 31 45	21°46'45	27° 4	21°11	29°45	28°46	1°27	7°55	1°37	4°57	27° 7	15°D13	14°10	13°16	19°46	S 15
M16	21 35 41	22°44'21	11♂14	20°24	0♂59	29°23	1°38	8° 3	1°41	4°58	27° 8	15°R13	14° 7	13°23	19°45	M16
T 17	21 39 38	23°42'00	25°31	19°38	2°13	29°59	1°50	8°10	1°44	4°59	27° 8	15°13	14° 3	13°30	19°43	T 17
W18	21 43 34	24°39'39	9♂53	18°56	3°27	0♂37	2° 1	8°18	1°48	5° 0	27° 8	15°11	14° 0	13°36	19°42	W18
T 19	21 47 31	25°37'20	24°15	18°17	4°41	1°14	2°13	8°25	1°51	5° 1	27° 8	15° 6	13°57	13°43	19°41	T 19
F 20	21 51 28	26°35'03	8♂34	17°44	5°55	1°52	2°24	8°33	1°55	5° 2	27° 8	14°59	13°54	13°49	19°40	F 20
S 21	21 55 24	27°32'47	22°43	17°15	7° 9	2°29	2°36	8°40	1°58	5° 3	27° 9	14°49	13°51	13°56	19°38	S 21
S 22	21 59 21	28°30'32	6♂39	16°53	8°24	3° 6	2°47	8°48	2° 2	5° 4	27° 9	14°38	13°48	14° 3	19°37	S 22
M23	22 3 17	29°28'18	20°16	16°37	9°38	3°44	2°59	8°55	2° 5	5° 5	27° 9	14°26	13°44	14° 9	19°35	M23
T 24	22 7 14	0♂26'06	3♂31	16°28	10°52	4°22	3°11	9° 3	2° 8	5° 7	27° 9	14°16	13°41	14°16	19°34	T 24
W25	22 11 10	1°23'55	16°25	16°D27	12° 6	5° 0	3°23	9°10	2°12	5° 8	27° 9	14° 7	13°38	14°23	19°32	W25
T 26	22 15 7	2°21'45	28°57	16°34	13°20	5°38	3°35	9°18	2°15	5° 9	27° 9	14° 0	13°35	14°29	19°30	T 26
F 27	22 19 3	3°19'36	11♂12	16°48	14°34	6°16	3°47	9°25	2°18	5°10	27° 9	13°56	13°32	14°36	19°29	F 27
S 28	22 23 0	4°17'29	23°13	17°10	15°49	6°54	3°59	9°32	2°21	5°11	27°R 9	13°55	13°29	14°43	19°27	S 28
S 29	22 26 57	5°15'23	5♂ 4	17°40	17° 3	7°33	4°11	9°39	2°25	5°13	27° 9	13°D54	13°25	14°49	19°25	S 29
M30	22 30 53	6°13'18	16°53	18°18	18°17	8°11	4°23	9°47	2°28	5°14	27° 9	13°R54	13°22	14°56	19°23	M30
T 31	22 34 50	7♂11'15	28♂43	19♂ 4	19♂31	8♂50	4♂35	9♂54	2♂31	5♂15	27♂ 9	13♂54	13♂19	15♂ 3	19°Y22	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	
S 1	18n 9	21s 9	1s42	8n30	3s40	18n14	1n14	8s15	0s18	1n30	1n10	19n 9	0n26	20n29	0n32	11s28	1n45	5n34	14s16	22s43	22s34	22s28	9n21	1n40						
M 2	17 54	22 26	0 40	8 20	3 52	17 54	1 15	8 29	0 19	1 25	1 10	19 7	0 26	20 28	0 32	11 28	1 45	5 34	14 16	22 44	22 34	22 28	9 20	1 40						
T 3	17 39	22 43	0n23	8 12	4 3	17 33	1 16	8 43	0 19	1 21	1 10	19 5	0 26	20 27	0 32	11 28	1 45	5 34	14 16	22 44	22 33	22 28	9 20	1 40						
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F 6	16 51	17 29	3 20	8 5	4 32	16 29	1 19	9 24	0 22	1 8	1 9	19 0	0 26	20 25	0 32	11 29	1 44	5 34	14 17	22 42	22 32	22 28	9 20	1 40						
S 7	16 35	13 56	4 5	8 8	4 39	16 7	1 20	9 38	0 23	1 4	1 9	18 58	0 27	20 24	0 32	11 29	1 44	5 34	14 17	22 42	22 32	22 28	9 19	1 40						
S 8	16 18	9 42	4 39	8 14	4 45	15 44	1 21	9 52	0 24	1 0	1 9	18 56	0 27	20 23	0 32	11 30	1 44	5 33	14 18	22 41	22 32	22 28	9 19	1 40						
M 9	16 1	4 58	4 59	8 22	4 49	15 21	1 22	10 6	0 25	0 55	1 9	18 54	0 27	20 23	0 32	11 30	1 44	5 33	14 18	22 40	22 31	22 28	9 19	1 40						
T 10	15 44	0n 4	5 4	8 32	4 52	14 57	1 22	10 20	0 26	0 51	1 9	18 52	0 27	20 22	0 32	11 30	1 44	5 33	14 18	22 38	22 31	22 28	9 18	1 40						
W11	15 27	5 10	4 52	8 46	4 54	14 33	1 23	10 34	0 26	0 46	1 9	18 50	0 27	20 21	0 32	11 30	1 44	5 33	14 18	22 38	22 31	22 28	9 18	1 40						
T 12	15 9	10 6	4 24	9 1	4 53	14 9	1 24	10 48	0 27	0 42	1 9	18 48	0 27	20 20	0 32	11 31	1 44	5 33	14 19	22 37	22 30	22 27	9 18	1 40						
F 13	14 51	14 35	3 40	9 19	4 51	13 44	1 24	11 2	0 28	0 37	1 9	18 47	0 27	20 20	0 32	11 31	1 44	5 32	14 19	22 36	22 30	22 27	9 17	1 40						
S 14	14 33	18 19	2 43	9 38	4 47	13 18	1 25	11 16	0 29	0 33	1 8	18 45	0 27	20 19	0 32	11 31	1 44	5 32	14 19	22 36	22 29	22 27	9 17	1 40						
S 15	14 14	21 2	1 35	9 59	4 41	12 53	1 25	11 30	0 30	0 28	1 8	18 43	0 27	20 18	0 32	11 32	1 44	5 32	14 19	22 36	22 29	22 27	9 17	1 40						
M16	13 56	22 28	0 21	10 21	4 33	12 27	1 25	11 43	0 30	0 24	1 8	18 41	0 27	20 17	0 32	11 32	1 44	5 32	14 20	22 36	22 29	22 27	9 16	1 41						
T 17	13 37	22 26	0s55	10 45	4 23	12 1	1 26	11 57	0 31	0 19	1 8	18 39	0 27	20 17	0 32	11 33	1 44	5 32	14 20	22 36	22 28	22 27	9 16	1 41						
W18	13 18	20 56	2 7	11 8	4 12	11 34	1 26	12 11	0 32	0 14	1 8	18 37	0 28	20 16	0 32	11 33	1 44	5 31	14 20	22 36	22 28	22 27	9 15	1 41						
T 19	12 58	18 6	3 12	11 32	4 0	11 7	1 26	12 25	0 33	0 10	1 8	18 35	0 28	20 15	0 32	11 33	1 44	5 31	14 21	22 35	22 28	22 27	9 15	1 41						
F 20	12 39	14 11	4 4	11 56	3 46	10 40	1 26	12 38	0 34	0 5	1 8	18 34	0 28	20 14	0 32	11 34	1 44	5 31	14 21	22 35	22 27	22 27	9 14	1 41						
S 21	12 19	9 31	4 40	12 19	3 30	10 13	1 26	12 52	0 34	0 0	1 8	18 32	0 28	20 14	0 32	11 34	1 44	5 31	14 21	22 34	22 27	22 27	9 14	1 41						
S 22	11 59	4 26	4 59	12 41	3 14	9 45	1 26	13 5	0 35	0s 4	1 8	18 30	0 28	20 13	0 32	11 35	1 44	5 30	14 21	22 32	22 26	22 27	9 13	1 41						
M23	11 39	0s45	5 0	13 2	2 57	9 17	1 26	13 19	0 36	0 9	1 8	18 28	0 28	20 12	0 32	11 35	1 44	5 30	14 22	22 31	22 26	22 27	9 13	1 41						
T 24	11 19	5 46	4 45	13 21	2 40	8 49	1 26	13 32	0 37	0 14	1 8	18 26	0 28	20 11	0 32	11 35	1 43	5 30	14 22	22 30	22 26	22 27	9 12	1 41						
W25	10 58	10 23	4 16	13 38	2 22	8 20	1 26	13 46	0 37	0 19	1 7	18 24	0 28	20 11	0 32	11 36	1 43	5 30	14 22	22 29	22 25	22 27	9 11	1 41						
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F 27	10 17	17 47	2 44	14 7	1 46	7 23	1 25	14 13	0 39	0 28	1 7	18 21	0 28	20 9	0 32	11 37	1 43	5 29	14 23	22 27	22 24	22 26	9 10	1 41						
S 28	9 56	20 18	1 48	14 17	1 28	6 53	1 25	14 26	0 39	0 33	1 7	18 19	0 29	20 8	0 32	11 37	1 43	5 29	14 23	22 27	22 24	22 26	9 9	1 41						
S 29	9 35	21 54	0 47	14 25	1 10	6 24	1 24	14 39	0 40	0 38	1 7	18 17	0 29	20 8	0 32	11 38	1 43	5 29	14 23	22 27	22 24	22 26	9 9	1 41						
M30	9 13	22 31	0n16	14 30	0 53	5 55	1 23	14 52	0 41	0 43	1 7	18 15	0 29	20 7	0 32	11 38	1 43	5 28	14 24	22 27	22 23	22 26	9 8	1 41						
T 31	8n52	22s 7	1n18	14n32	0s36	5n25	1n23	15s 5	0s41	0s48	1n 7	18n13	0n29	20n 6	0n32	11s39	1n43	5n28	14s24	22s27	22s23	22s26	9n 7	1n40						

ASTRODIENST EPHEMERIS for the year 2123

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SEPTEMBER 2123

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 38 46	8 ^h 9'13	10 ^h 3'41	19 ^h 57	20 ^h 45	9 ^h 28	4 ^h 47	10 ^h 1	2 ^h 34	5 ^h 17	27 ^h 9	13 ^h 51	13 ^h 16	15 ^h 9	19 ^h 20	W 1
T 2	22 42 43	9 ^h 7'12	22 ^h 50	20 ^h 57	21 ^h 59	10 ^h 7	4 ^h 59	10 ^h 8	2 ^h 37	5 ^h 18	27 ^h 9	13 ^h 47	13 ^h 13	15 ^h 16	19 ^h 18	T 2
F 3	22 46 39	10 ^h 5'13	5 ^h 55	22 ^h 3	23 ^h 14	10 ^h 46	5 ^h 12	10 ^h 15	2 ^h 40	5 ^h 20	27 ^h 9	13 ^h 39	13 ^h 9	15 ^h 22	19 ^h 16	F 3
S 4	22 50 36	11 ^h 3'15	17 ^h 58	23 ^h 17	24 ^h 28	11 ^h 25	5 ^h 24	10 ^h 22	2 ^h 44	5 ^h 21	27 ^h 8	13 ^h 29	13 ^h 6	15 ^h 29	19 ^h 14	S 4
S 5	22 54 32	12 ^h 1'18	1 ^h 0	24 ^h 36	25 ^h 42	12 ^h 4	5 ^h 36	10 ^h 29	2 ^h 47	5 ^h 23	27 ^h 8	13 ^h 18	13 ^h 3	15 ^h 36	19 ^h 12	S 5
M 6	22 58 29	12 ^h 59'23	14 ^h 20	26 ^h 0	26 ^h 56	12 ^h 44	5 ^h 49	10 ^h 36	2 ^h 50	5 ^h 24	27 ^h 8	13 ^h 5	13 ^h 0	15 ^h 42	19 ^h 10	M 6
T 7	23 2 26	13 ^h 57'30	27 ^h 56	27 ^h 30	28 ^h 10	13 ^h 23	6 ^h 1	10 ^h 43	2 ^h 53	5 ^h 26	27 ^h 8	12 ^h 53	12 ^h 57	15 ^h 49	19 ^h 8	T 7
W 8	23 6 22	14 ^h 55'38	11 ^h 46	29 ^h 4	29 ^h 24	14 ^h 2	6 ^h 13	10 ^h 50	2 ^h 56	5 ^h 27	27 ^h 8	12 ^h 42	12 ^h 54	15 ^h 56	19 ^h 5	W 8
T 9	23 10 19	15 ^h 53'49	25 ^h 44	0 ^h 42	0 ^h 38	14 ^h 42	6 ^h 26	10 ^h 57	2 ^h 59	5 ^h 29	27 ^h 7	12 ^h 34	12 ^h 50	16 ^h 2	19 ^h 3	T 9
F 10	23 14 15	16 ^h 52'01	9 ^h 48	2 ^h 24	1 ^h 53	15 ^h 22	6 ^h 38	11 ^h 4	3 ^h 1	5 ^h 30	27 ^h 7	12 ^h 29	12 ^h 47	16 ^h 9	19 ^h 1	F 10
S 11	23 18 12	17 ^h 50'15	23 ^h 55	4 ^h 9	3 ^h 7	16 ^h 1	6 ^h 51	11 ^h 10	3 ^h 4	5 ^h 32	27 ^h 7	12 ^h 26	12 ^h 44	16 ^h 16	18 ^h 59	S 11
S 12	23 22 8	18 ^h 48'32	8 ^h 3	5 ^h 56	4 ^h 21	16 ^h 41	7 ^h 4	11 ^h 17	3 ^h 7	5 ^h 34	27 ^h 7	12 ^h 25	12 ^h 41	16 ^h 22	18 ^h 57	S 12
M13	23 26 5	19 ^h 46'51	22 ^h 10	7 ^h 45	5 ^h 35	17 ^h 21	7 ^h 16	11 ^h 24	3 ^h 10	5 ^h 35	27 ^h 6	12 ^h 25	12 ^h 38	16 ^h 29	18 ^h 54	M13
T14	23 30 1	20 ^h 45'11	6 ^h 55	9 ^h 35	6 ^h 49	18 ^h 1	7 ^h 29	11 ^h 30	3 ^h 13	5 ^h 37	27 ^h 6	12 ^h 25	12 ^h 34	16 ^h 36	18 ^h 52	T14
W15	23 33 58	21 ^h 43'34	20 ^h 18	11 ^h 27	8 ^h 4	18 ^h 41	7 ^h 42	11 ^h 37	3 ^h 15	5 ^h 39	27 ^h 6	12 ^h 22	12 ^h 31	16 ^h 42	18 ^h 50	W15
T16	23 37 55	22 ^h 41'59	4 ^h 17	13 ^h 20	9 ^h 18	19 ^h 22	7 ^h 54	11 ^h 44	3 ^h 18	5 ^h 40	27 ^h 5	12 ^h 17	12 ^h 28	16 ^h 49	18 ^h 47	T16
F17	23 41 51	23 ^h 40'26	18 ^h 10	15 ^h 13	10 ^h 32	20 ^h 2	8 ^h 7	11 ^h 50	3 ^h 21	5 ^h 42	27 ^h 5	12 ^h 10	12 ^h 25	16 ^h 56	18 ^h 45	F17
S18	23 45 48	24 ^h 38'55	1 ^h 55	17 ^h 6	11 ^h 46	20 ^h 43	8 ^h 20	11 ^h 56	3 ^h 23	5 ^h 44	27 ^h 4	11 ^h 59	12 ^h 22	17 ^h 2	18 ^h 42	S18
S19	23 49 44	25 ^h 37'26	15 ^h 28	19 ^h 0	13 ^h 0	21 ^h 23	8 ^h 33	12 ^h 3	3 ^h 26	5 ^h 46	27 ^h 4	11 ^h 48	12 ^h 19	17 ^h 9	18 ^h 40	S19
M20	23 53 41	26 ^h 35'59	28 ^h 46	20 ^h 53	14 ^h 14	22 ^h 4	8 ^h 45	12 ^h 9	3 ^h 29	5 ^h 48	27 ^h 3	11 ^h 35	12 ^h 15	17 ^h 15	18 ^h 37	M20
T21	23 57 37	27 ^h 34'34	11 ^h 47	22 ^h 46	15 ^h 29	22 ^h 45	8 ^h 58	12 ^h 15	3 ^h 31	5 ^h 49	27 ^h 3	11 ^h 24	12 ^h 12	17 ^h 22	18 ^h 35	T21
W22	0 1 34	28 ^h 33'10	24 ^h 30	24 ^h 38	16 ^h 43	23 ^h 26	9 ^h 11	12 ^h 21	3 ^h 34	5 ^h 51	27 ^h 2	11 ^h 14	12 ^h 9	17 ^h 29	18 ^h 32	W22
T23	0 5 30	29 ^h 31'49	6 ^h 56	26 ^h 30	17 ^h 57	24 ^h 7	9 ^h 24	12 ^h 28	3 ^h 36	5 ^h 53	27 ^h 2	11 ^h 7	12 ^h 6	17 ^h 35	18 ^h 30	T23
F24	0 9 27	0 ^h 30'29	19 ^h 7	28 ^h 21	19 ^h 11	24 ^h 48	9 ^h 37	12 ^h 34	3 ^h 38	5 ^h 55	27 ^h 1	11 ^h 2	12 ^h 3	17 ^h 42	18 ^h 27	F24
S25	0 13 23	1 ^h 29'11	1 ^h 6	0 ^h 12	20 ^h 25	25 ^h 29	9 ^h 50	12 ^h 40	3 ^h 41	5 ^h 57	27 ^h 1	11 ^h 0	12 ^h 0	17 ^h 49	18 ^h 24	S25
S26	0 17 20	2 ^h 27'55	12 ^h 57	2 ^h 1	21 ^h 39	26 ^h 10	10 ^h 3	12 ^h 46	3 ^h 43	5 ^h 59	27 ^h 0	10 ^h 59	11 ^h 56	17 ^h 55	18 ^h 22	S26
M27	0 21 17	3 ^h 26'41	24 ^h 44	3 ^h 50	22 ^h 54	26 ^h 51	10 ^h 16	12 ^h 51	3 ^h 45	6 ^h 1	27 ^h 0	11 ^h 0	11 ^h 53	18 ^h 2	18 ^h 19	M27
T28	0 25 13	4 ^h 25'28	6 ^h 34	5 ^h 38	24 ^h 8	27 ^h 33	10 ^h 28	12 ^h 57	3 ^h 48	6 ^h 3	26 ^h 59	11 ^h 0	11 ^h 50	18 ^h 9	18 ^h 17	T28
W29	0 29 10	5 ^h 24'17	18 ^h 32	7 ^h 24	25 ^h 22	28 ^h 14	10 ^h 41	13 ^h 3	3 ^h 50	6 ^h 5	26 ^h 58	10 ^h 59	11 ^h 47	18 ^h 15	18 ^h 14	W29
T30	0 33 6	6 ^h 23'07	0 ^h 43	9 ^h 10	26 ^h 36	28 ^h 56	10 ^h 54	13 ^h 9	3 ^h 52	6 ^h 7	26 ^h 58	10 ^h 56	11 ^h 44	18 ^h 22	18 ^h 11	T30

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	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
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T 2	8 9	18 21	3 11	14 26	0 4	4 25	1 21	15 31	0 43	0 57	1 7	18 10	0 29	20 5	0 32	11 40	1 43	5 28	14 24	22 26	22 22	22 25	9 6	1 40	
F 3	7 47	15 7	3 56	14 18	0n10	3 55	1 21	15 44	0 43	1 2	1 7	18 8	0 29	20 4	0 32	11 40	1 43	5 27	14 25	22 25	22 22	22 25	9 5	1 40	
S 4	7 25	11 7	4 32	14 7	0 24	3 25	1 20	15 57	0 44	1 7	1 7	18 6	0 29	20 4	0 32	11 41	1 43	5 27	14 25	22 24	22 21	22 25	9 4	1 40	
S 5	7 3	6 32	4 54	13 53	0 36	2 55	1 19	16 9	0 45	1 12	1 7	18 4	0 29	20 3	0 32	11 41	1 43	5 27	14 25	22 23	22 21	22 25	9 4	1 40	
M 6	6 41	1 32	5 0	13 36	0 48	2 24	1 18	16 22	0 45	1 17	1 7	18 2	0 30	20 2	0 32	11 42	1 43	5 26	14 25	22 21	22 21	22 25	9 3	1 40	
T 7	6 18	3n37	4 50	13 15	0 59	1 54	1 17	16 35	0 46	1 22	1 7	18 1	0 30	20 2	0 32	11 42	1 43	5 26	14 26	22 20	22 20	22 25	9 2	1 40	
W 8	5 56	8 41	4 23	12 51	1 8	1 23	1 15	16 47	0 47	1 27	1 6	17 59	0 30	20 1	0 32	11 43	1 43	5 26	14 26	22 18	22 20	22 24	9 1	1 40	
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F 10	5 11	17 19	2 43	11 55	1 24	0 22	1 13	17 12	0 48	1 37	1 6	17 55	0 30	20 0	0 32	11 44	1 43	5 25	14 26	22 17	22 19	22 24	8 59	1 40	
S 11	4 48	20 18	1 36	11 23	1 30	0s 9	1 12	17 24	0 48	1 42	1 6	17 54	0 30	19 59	0 32	11 45	1 43	5 25	14 27	22 16	22 19	22 24	8 59	1 40	
S 12	4 25	22 1	0 23	10 49	1 36	0 39	1 10	17 36	0 49	1 47	1 6	17 52	0 30	19 58	0 32	11 45	1 43	5 25	14 27	22 16	22 18	22 24	8 58	1 40	
M13	4 3	22 20	0s11	10 13	1 40	1 10	1 9	17 48	0 50	1 52	1 6	17 50	0 30	19 58	0 32	11 46	1 43	5 24	14 27	22 16	22 18	22 23	8 57	1 40	
T14	3 40	21 14	2 3	9 34	1 44	1 41	1 7	18 0	0 50	1 57	1 6	17 48	0 31	19 57	0 32	11 46	1 43	5 24	14 27	22 16	22 17	22 23	8 56	1 40	
W15	3 17	18 49	3 6	8 54	1 46	2 11	1 6	18 11	0 51	2 2	1 6	17 47	0 31	19 56	0 32	11 47	1 42	5 24	14 28	22 16	22 17	22 23	8 55	1 40	
T16	2 54	15 19	3 58	8 12	1 48	2 42	1 4	18 23	0 51	2 7	1 6	17 45	0 31	19 56	0 33	11 48	1 42	5 23	14 28	22 15	22 16	22 23	8 54	1 40	
F 17	2 31	11 0	4 36	7 30	1 49	3 13	1 2	18 34	0 52	2 12	1 6	17 43	0 31	19 55	0 33	11 48	1 42	5 23	14 28	22 14	22 16	22 23	8 53	1 40	
S 18	2 7	6 10	4 57	6 46	1 49	3 43	1 1	18 46	0 53	2 17	1 6	17 42	0 31	19 55	0 33	11 49	1 42	5 23	14 28	22 13	22 16	22 22	8 52	1 40	
S 19	1 44	1 6	5 1	6 1	1 48	4 14	0 59	18 57	0 53	2 22	1 6	17 40	0 31	19 54	0 33	11 49	1 42	5 22	14 29	22 11	22 15	22 22	8 51	1 40	
M20	1 21	3s55	4 48	5 15	1 45	4 44	0 57	19 8	0 54	2 28	1 6	17 38	0 31	19 54	0 33	11 50	1 42	5 22	14 29	22 9	22 15	22 22	8 50	1 40	
T21	0 58	8 39	4 21	4 29	1 45	5 14	0 55	19 19	0 54	2 33	1 6	17 37	0 31	19 53	0 33	11 51	1 42	5 22	14 29	22 8	22 14	22 22	8 49	1 40	
W22	0 35	12 54	3 41	3 42	1 43	5 45	0 53	19 30	0 55	2 38	1 6	17 35	0 31	19 52	0 33	11 51	1 42	5 21	14 29	22 7	22 14	22 21	8 48	1 40	
T23	0 11	16 30	2 51	2 55	1 40	6 15	0 51	19 41	0 55	2 43	1 6	17 34	0 32	19 52	0 33	11 52	1 42	5 21	14 30	22 6	22 14	22 21	8 47	1 40	
F24	0s12	19 19	1 54	2 8	1 36	6 45	0 49	19 51	0 56	2 48	1 6	17 32	0 32	19 51	0 33	11 53	1 42	5 21	14 30	22 5	22 13	22 21	8 46	1 40	
S 25	0 35	21 13	0 53	1 20	1 33	7 15	0 47	20 2	0 56	2 53	1 6	17 30	0 32	19 51	0 33	11 53	1 42	5 20	14 30	22 5	22 13	22 21	8 45	1 40	
S 26	0 59	22 10	0n10	0 33	1 28	7 44	0 45	20 12	0 57	2 58	1 6	17 29	0 32	19 50	0 33	11 54	1 42	5 20	14 30	22 5	22 12	22 20	8 44	1 40	
M27	1 22	22 6	1 13	0s14	1 24	8 14	0 43	20 22	0 57	3 3	1 6	17 27	0 32	19 50	0 33	11 55	1 42	5 20	14 30	22 5	22 12	22 20	8 43	1 40	
T28	1 45	21 4	2 12	1 2	1 19	8 43	0 41	20 32	0 58	3 8	1 6	17 26	0 32	19 49	0 33	11 55	1 42	5 19	14 31	22 5	22 11	22 20	8 42	1 40	
W29	2 9	19 4	3 6	1 49	1 14	9 13	0 38	20 42	0 58	3 13	1 6	17 24	0 32	19 49	0 33	11 56	1 42	5 19	14 31	22 4	22 11	22 19	8 41	1 40	
T 30	2s32	16s11	3n53	2s35	1n 8	9s42	0n36	20s52	0s59	3s18	1n 6	17n23	0n33	19n48	0n33	11s57	1n42	5n19	14s31	22s 4	22s11	22s19	8n40	1n40	

ASTRODIENST EPHEMERIS for the year 2123

geocentric

OCTOBER 2123

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 37 3	7 ^h 22'00	13 ^h 11'	10 ^h 56'	27 ^h 50'	29 ^h 38'	11 ^h 57'	13 ^h 14'	3 ^h 54'	6 ^h 11'	26 ^h 57'	10 ^h 51'	11 ^h 40'	18 ^h 29'	18 ^h 08'	F 1
S 2	0 40 59	8 ^h 20'54	26° 1	12° 40	29° 4	0 ^h 20'	11° 20	13° 20	3° 56	6° 11	26 ^h 56'	10 ^h 44'	11° 37	18° 35	18 ^h 06'	S 2
S 3	0 44 56	9° 19'50	9 ^h 13'	14° 23	0 ^h 18'	1° 1	11° 33	13° 25	3° 58	6° 13	26° 56	10° 34	11° 34	18° 42	18° 3	S 3
M 4	0 48 52	10° 18'48	22° 49	16° 5	1° 32	1° 43	11° 46	13° 31	4° 0	6° 15	26° 55	10° 24	11° 31	18° 48	18° 0	M 4
T 5	0 52 49	11° 17'47	6 ^h 46'	17° 47	2° 47	2° 26	11° 59	13° 36	4° 2	6° 17	26° 54	10° 14	11° 28	18° 55	17° 58	T 5
W 6	0 56 46	12° 16'49	20° 59	19° 28	4° 1	3° 8	12° 12	13° 41	4° 4	6° 19	26° 54	10° 6	11° 25	19° 2	17° 55	W 6
T 7	1 0 42	13° 15'53	5 ^h 24'	21° 7	5° 15	3° 50	12° 25	13° 46	4° 6	6° 21	26° 53	9° 59	11° 21	19° 8	17° 52	T 7
F 8	1 4 39	14° 14'59	19° 54	22° 46	6° 29	4° 32	12° 38	13° 51	4° 7	6° 23	26° 52	9° 55	11° 18	19° 15	17° 49	F 8
S 9	1 8 35	15° 14'07	4 ^h 23'	24° 24	7° 43	5° 15	12° 51	13° 56	4° 9	6° 25	26° 51	9° 54	11° 15	19° 22	17° 47	S 9
S 10	1 12 32	16° 13'18	18° 48	26° 2	8° 57	5° 57	13° 4	14° 1	4° 11	6° 28	26° 50	9° 54	11° 12	19° 28	17° 44	S 10
M 11	1 16 28	17° 12'31	3 ^h 34'	27° 38	10° 11	6° 40	13° 17	14° 6	4° 13	6° 30	26° 50	9° 55	11° 9	19° 35	17° 41	M 11
T 12	1 20 25	18° 11'46	17° 10	29° 14	11° 25	7° 22	13° 30	14° 11	4° 14	6° 32	26° 49	9° 55	11° 6	19° 42	17° 38	T 12
W 13	1 24 21	19° 11'03	1 ^h 10'	0 ^h 49'	12° 39	8° 5	13° 43	14° 16	4° 16	6° 34	26° 48	9° 55	11° 2	19° 48	17° 35	W 13
T 14	1 28 18	20° 10'23	14° 50	2° 24	13° 53	8° 48	13° 56	14° 20	4° 17	6° 36	26° 47	9° 52	10° 59	19° 55	17° 33	T 14
F 15	1 32 15	21° 9'45	28° 22	3° 57	15° 7	9° 31	14° 9	14° 25	4° 19	6° 38	26° 46	9° 47	10° 56	20° 2	17° 30	F 15
S 16	1 36 11	22° 9'10	11 ^h 43'	5° 30	16° 21	10° 14	14° 22	14° 29	4° 20	6° 40	26° 45	9° 41	10° 53	20° 8	17° 27	S 16
S 17	1 40 8	23° 8'36	24° 51	7° 3	17° 35	10° 57	14° 35	14° 34	4° 21	6° 43	26° 44	9° 33	10° 50	20° 15	17° 24	S 17
M 18	1 44 4	24° 8'05	7 ^h 46'	8° 34	18° 49	11° 40	14° 48	14° 38	4° 23	6° 45	26° 43	9° 24	10° 46	20° 21	17° 22	M 18
T 19	1 48 1	25° 7'36	20° 28	10° 5	20° 3	12° 23	15° 1	14° 42	4° 24	6° 47	26° 43	9° 16	10° 43	20° 28	17° 19	T 19
W 20	1 51 57	26° 7'09	2 ^h 15'	11° 35	21° 17	13° 7	15° 13	14° 46	4° 25	6° 49	26° 42	9° 10	10° 40	20° 35	17° 16	W 20
T 21	1 55 54	27° 6'44	15° 12	13° 5	22° 31	13° 50	15° 26	14° 50	4° 26	6° 51	26° 41	9° 5	10° 37	20° 41	17° 13	T 21
F 22	1 59 50	28° 6'21	27° 16	14° 34	23° 45	14° 34	15° 39	14° 54	4° 27	6° 54	26° 40	9° 2	10° 34	20° 48	17° 11	F 22
S 23	2 3 47	29° 6'00	9 ^h 10'	16° 2	24° 59	15° 17	15° 52	14° 58	4° 28	6° 56	26° 39	9° 1	10° 31	20° 55	17° 8	S 23
S 24	2 7 43	0 ^h 54'	20° 59	17° 30	26° 13	16° 1	16° 5	15° 2	4° 29	6° 58	26° 38	9° 2	10° 27	21° 1	17° 5	S 24
M 25	2 11 40	1° 5'23	2 ^h 34'	18° 57	27° 27	16° 45	16° 18	15° 5	4° 30	7° 0	26° 37	9° 4	10° 24	21° 8	17° 3	M 25
T 26	2 15 37	2° 5'07	14° 34	20° 23	28° 41	17° 28	16° 30	15° 9	4° 31	7° 3	26° 36	9° 5	10° 21	21° 15	17° 0	T 26
W 27	2 19 33	3° 4'53	26° 31	21° 48	29° 55	18° 12	16° 43	15° 12	4° 32	7° 5	26° 35	9° 7	10° 18	21° 21	16° 57	W 27
T 28	2 23 30	4° 4'41	8 ^h 39'	23° 13	1 ^h 9'	18° 56	16° 56	15° 16	4° 33	7° 7	26° 34	9° 7	10° 15	21° 28	16° 55	T 28
F 29	2 27 26	5° 4'30	21° 6	24° 37	2° 23	19° 40	17° 9	15° 19	4° 33	7° 9	26° 33	9° 5	10° 11	21° 35	16° 52	F 29
S 30	2 31 23	6° 4'21	3 ^h 54'	26° 0	3° 37	20° 24	17° 21	15° 22	4° 34	7° 12	26° 32	9° 3	10° 8	21° 41	16° 50	S 30
S 31	2 35 19	7 ^h 4'13	17 ^h 7'	27 ^h 22'	4 ^h 51'	21 ^h 8'	17 ^h 34'	15 ^h 25'	4 ^h 35'	7 ^h 14'	26 ^h 31'	8 ^h 59'	10 ^h 5'	21 ^h 48'	16 ^h 47'	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2s55	12s32	4n30	3s22	1n 2	10s10	0n34	21s 1	0s59	3s23	1n 6	17n21	0n33	19n48	0n33	F 1
S 2	3 19	8 13	4 55	4 8	0 56	10 39	0 31	21 10	1 0	3 28	1 6	17 20	0 33	19 47	0 33	S 2
S 3	3 42	3 24	5 4	4 54	0 50	11 7	0 29	21 20	1 0	3 33	1 6	17 18	0 33	19 47	0 33	S 3
M 4	4 5	1n43	4 57	5 39	0 44	11 35	0 27	21 29	1 0	3 39	1 6	17 17	0 33	19 47	0 33	M 4
T 5	4 28	6 52	4 33	6 24	0 37	12 3	0 24	21 38	1 1	3 44	1 6	17 16	0 33	19 46	0 33	T 5
W 6	4 51	11 45	3 51	7 8	0 31	12 31	0 22	21 46	1 1	3 49	1 6	17 14	0 33	19 46	0 33	W 6
T 7	5 14	16 3	2 54	7 52	0 24	12 58	0 19	21 55	1 2	3 54	1 6	17 13	0 33	19 45	0 33	T 7
F 8	5 37	19 23	1 45	8 35	0 17	13 25	0 16	22 3	1 2	3 59	1 6	17 12	0 33	19 45	0 33	F 8
S 9	6 0	21 29	0 30	9 17	0 11	13 51	0 14	22 11	1 3	4 4	1 6	17 10	0 34	19 45	0 33	S 9
S 10	6 23	22 9	0s48	9 59	0 4	14 18	0 11	22 19	1 3	4 9	1 6	17 9	0 34	19 44	0 33	S 10
M 11	6 45	21 22	2 1	10 41	0s 3	14 44	0 9	22 27	1 3	4 14	1 6	17 8	0 34	19 44	0 33	M 11
T 12	7 8	19 14	3 7	11 21	0 10	15 9	0 6	22 34	1 4	4 19	1 6	17 6	0 34	19 44	0 33	T 12
W 13	7 30	15 59	4 0	12 1	0 17	15 34	0 3	22 42	1 4	4 24	1 6	17 5	0 34	19 43	0 33	W 13
T 14	7 53	11 55	4 39	12 41	0 24	15 59	0 1	22 49	1 4	4 29	1 6	17 4	0 34	19 43	0 33	T 14
F 15	8 15	7 18	5 2	13 19	0 31	16 24	0s 2	22 56	1 5	4 34	1 6	17 3	0 35	19 43	0 33	F 15
S 16	8 37	2 25	5 8	13 57	0 38	16 48	0 5	23 3	1 5	4 39	1 6	17 2	0 35	19 42	0 33	S 16
S 17	8 59	2s30	4 57	14 34	0 45	17 11	0 8	23 9	1 6	4 44	1 6	17 1	0 35	19 42	0 34	S 17
M 18	9 21	7 14	4 31	15 10	0 52	17 34	0 10	23 15	1 6	4 49	1 6	16 59	0 35	19 42	0 34	M 18
T 19	9 43	11 35	3 53	15 46	0 59	17 57	0 13	23 21	1 6	4 54	1 6	16 58	0 35	19 41	0 34	T 19
W 20	10 5	15 21	3 3	16 20	1 6	18 19	0 16	23 27	1 7	4 59	1 6	16 57	0 35	19 41	0 34	W 20
T 21	10 26	18 23	2 6	16 54	1 12	18 41	0 19	23 33	1 7	5 4	1 6	16 56	0 35	19 41	0 34	T 21
F 22	10 48	20 34	1 4	17 27	1 19	19 3	0 21	23 38	1 7	5 8	1 6	16 55	0 36	19 41	0 34	F 22
S 23	11 9	21 48	0n 1	17 59	1 25	19 23	0 24	23 44	1 7	5 13	1 6	16 54	0 36	19 41	0 34	S 23
S 24	11 30	22 2	1 5	18 30	1 32	19 44	0 27	23 49	1 8	5 18	1 6	16 53	0 36	19 40	0 34	S 24
M 25	11 51	21 18	2 6	19 1	1 38	20 4	0 30	23 53	1 8	5 23	1 6	16 52	0 36	19 40	0 34	M 25
T 26	12 11	19 37	3 2	19 30	1 44	20 23	0 32	23 58	1 8	5 28	1 6	16 52	0 36	19 40	0 34	T 26
W 27	12 32	17 4	3 51	19 58	1 50	20 42	0 35	24 2	1 9	5 33	1 6	16 51	0 36	19 40	0 34	W 27
T 28	12 52	13 44	4 30	20 25	1 55	21 0	0 38	24 6	1 9	5 38	1 6	16 50	0 37	19 40	0 34	T 28
F 29	13 12	9 45	4 58	20 52	2 1	21 17	0 41	24 10	1 9	5 42	1 6	16 49	0 37	19 40	0 34	F 29
S 30	13 32	5 14	5 12	21 17	2 6	21 34	0 43	24 14	1 9	5 47	1 6	16 48	0 37	19 39	0 34	S 30
S 31	13s52	0s20	5n10	21s41	2s11	21s51	0s46	24s17	1s10	5s52	1n 6	16n47	0n37	19n39	0n34	S 31

Julian Day Number = 2496742.5, Delta T = 105.35 sec

Ecliptic obliquity = 23°25'21, Nutation = 0°00'16, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 26°28'10, Lahiri = 25°35'10

ASTRODIENST EPHEMERIS for the year 2123

geocentric

NOVEMBER 2123

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 39 16	8♈ 4'07	0♈ 46	28♈ 43	6♈ 5	21♈ 53	17♈ 46	15♈ 28	4♈ 35	7♈ 16	26°R30	8°R54	10♈ 2	21♈ 55	16°R44	M 1
T 2	2 43 12	9° 4'03	14°52	0♈ 3	7°19	22°37	17°59	15°31	4°36	7°18	26♈ 28	8♈ 49	9°59	22° 1	16°Y42	T 2
W 3	2 47 9	10° 4'01	29°20	1°22	8°32	23°21	18°11	15°34	4°36	7°21	26°27	8°45	9°56	22° 8	16°39	W 3
T 4	2 51 6	11° 4'01	14♈ 5	2°39	9°46	24° 6	18°24	15°36	4°36	7°23	26°26	8°42	9°52	22°14	16°37	T 4
F 5	2 55 2	12° 4'02	28°59	3°56	11° 0	24°50	18°36	15°39	4°37	7°25	26°25	8°40	9°49	22°21	16°35	F 5
S 6	2 58 59	13° 4'06	13♈ 54	5°11	12°14	25°35	18°49	15°41	4°37	7°27	26°24	8°D40	9°46	22°28	16°32	S 6
S 7	3 2 55	14° 4'11	28°42	6°24	13°28	26°19	19° 1	15°44	4°37	7°30	26°23	8°41	9°43	22°34	16°30	S 7
M 8	3 6 52	15° 4'19	13♈ 19	7°36	14°42	27° 4	19°14	15°46	4°37	7°32	26°22	8°42	9°40	22°41	16°27	M 8
T 9	3 10 48	16° 4'29	27°38	8°45	15°55	27°49	19°26	15°48	4°37	7°34	26°21	8°44	9°37	22°48	16°25	T 9
W10	3 14 45	17° 4'41	11♈ 39	9°52	17° 9	28°34	19°38	15°50	4°R38	7°36	26°20	8°R45	9°33	22°54	16°23	W10
T 11	3 18 41	18° 4'54	25°20	10°57	18°23	29°19	19°50	15°52	4°38	7°38	26°19	8°45	9°30	23° 1	16°21	T 11
F 12	3 22 38	19° 5'10	8♈ 42	11°59	19°37	0♈ 4	20° 2	15°54	4°37	7°41	26°18	8°43	9°27	23° 8	16°18	F 12
S 13	3 26 35	20° 5'28	21°47	12°58	20°50	0°49	20°15	15°56	4°37	7°43	26°16	8°42	9°24	23°14	16°16	S 13
S 14	3 30 31	21° 5'48	4♈ 36	13°54	22° 4	1°34	20°27	15°57	4°37	7°45	26°15	8°39	9°21	23°21	16°14	S 14
M15	3 34 28	22° 6'09	17°11	14°46	23°18	2°19	20°39	15°59	4°37	7°47	26°14	8°36	9°17	23°28	16°12	M15
T 16	3 38 24	23° 6'33	29°34	15°33	24°31	3° 4	20°51	16° 0	4°37	7°49	26°13	8°34	9°14	23°34	16°10	T 16
W17	3 42 21	24° 6'58	11♈ 46	16°15	25°45	3°49	21° 2	16° 1	4°36	7°52	26°12	8°32	9°11	23°41	16° 8	W17
T 18	3 46 17	25° 7'25	23°50	16°52	26°59	4°35	21°14	16° 2	4°36	7°54	26°11	8°31	9° 8	23°48	16° 6	T 18
F 19	3 50 14	26° 7'54	5♈ 45	17°22	28°12	5°20	21°26	16° 3	4°36	7°56	26°10	8°D30	9° 5	23°54	16° 4	F 19
S 20	3 54 10	27° 8'24	17°36	17°45	29°26	6° 6	21°38	16° 4	4°35	7°58	26° 9	8°30	9° 2	24° 1	16° 2	S 20
S 21	3 58 7	28° 8'55	29°23	18° 1	0♈ 40	6°51	21°50	16° 5	4°34	8° 0	26° 7	8°31	8°58	24° 8	16° 0	S 21
M22	4 2 4	29° 9'28	11♈ 10	18°R 8	1°53	7°37	22° 1	16° 6	4°34	8° 2	26° 6	8°32	8°55	24°14	15°58	M22
T 23	4 6 0	0♈ 10'03	23° 0	18° 7	3° 7	8°22	22°13	16° 7	4°33	8° 4	26° 5	8°33	8°52	24°21	15°56	T 23
W24	4 9 57	1°10'38	4♈ 56	17°55	4°20	9° 8	22°24	16° 7	4°32	8° 7	26° 4	8°34	8°49	24°27	15°54	W24
T 25	4 13 53	2°11'15	17° 3	17°33	5°34	9°54	22°36	16° 7	4°32	8° 9	26° 3	8°34	8°46	24°34	15°53	T 25
F 26	4 17 50	3°11'53	29°26	17° 0	6°47	10°40	22°47	16° 8	4°31	8°11	26° 2	8°R35	8°43	24°41	15°51	F 26
S 27	4 21 46	4°12'32	12♈ 8	16°17	8° 1	11°25	22°58	16° 8	4°30	8°13	26° 1	8°35	8°39	24°47	15°49	S 27
S 28	4 25 43	5°13'12	25°14	15°23	9°14	12°11	23° 9	16°R 8	4°29	8°15	26° 0	8°34	8°36	24°54	15°48	S 28
M29	4 29 39	6°13'54	8♈ 46	14°20	10°28	12°57	23°20	16° 8	4°28	8°17	25°58	8°34	8°33	25° 1	15°46	M29
T 30	4 33 36	7♈ 14'36	22°Y45	13♈ 9	11♈ 41	13♈ 43	23♈ 31	16° 7	4♈ 27	8♈ 19	25♈ 57	8♈ 34	8♈ 30	25♈ 7	15°Y45	T 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	14s11	4n45	4n51	22s 4	2s16	22s 6	0s49	24s20	1s10	5s57	1n 6	16n47	0n37	19n39	0n34	12s20
T 2	14 30	9 45	4 14	22 26	2 21	22 22	0 51	24 23	1 10	6 1	1 7	16 46	0 37	19 39	0 34	12 20
W 3	14 49	14 20	3 20	22 47	2 25	22 36	0 54	24 26	1 10	6 6	1 7	16 45	0 38	19 39	0 34	12 21
T 4	15 8	18 8	2 11	23 6	2 29	22 50	0 57	24 28	1 11	6 11	1 7	16 45	0 38	19 39	0 34	12 22
F 5	15 27	20 47	0 53	23 25	2 32	23 3	0 59	24 30	1 11	6 15	1 7	16 44	0 38	19 39	0 34	12 22
S 6	15 45	21 59	0s29	23 42	2 35	23 16	1 2	24 32	1 11	6 20	1 7	16 44	0 38	19 39	0 34	12 23
S 7	16 3	21 37	1 48	23 58	2 38	23 28	1 5	24 33	1 11	6 25	1 7	16 43	0 38	19 39	0 34	12 24
M 8	16 21	19 47	3 0	24 12	2 41	23 39	1 7	24 35	1 11	6 29	1 7	16 43	0 38	19 39	0 34	12 25
T 9	16 38	16 43	3 58	24 25	2 42	23 50	1 10	24 36	1 12	6 34	1 7	16 42	0 38	19 39	0 34	12 25
W10	16 55	12 46	4 41	24 37	2 44	24 0	1 12	24 37	1 12	6 38	1 7	16 42	0 39	19 39	0 34	12 26
T 11	17 12	8 14	5 7	24 47	2 44	24 9	1 14	24 37	1 12	6 43	1 7	16 41	0 39	19 39	0 34	12 27
F 12	17 29	3 25	5 16	24 56	2 45	24 18	1 17	24 37	1 12	6 47	1 7	16 41	0 39	19 39	0 35	12 27
S 13	17 45	1s27	5 8	25 3	2 44	24 25	1 19	24 37	1 12	6 52	1 7	16 40	0 39	19 39	0 35	12 28
S 14	18 1	6 10	4 44	25 9	2 43	24 32	1 22	24 37	1 12	6 56	1 7	16 40	0 39	19 39	0 35	12 29
M15	18 17	10 33	4 7	25 13	2 41	24 39	1 24	24 37	1 12	7 1	1 7	16 40	0 39	19 39	0 35	12 30
T 16	18 32	14 25	3 19	25 15	2 38	24 44	1 26	24 36	1 13	7 5	1 8	16 40	0 40	19 39	0 35	12 30
W17	18 47	17 37	2 23	25 16	2 34	24 49	1 28	24 35	1 13	7 10	1 8	16 39	0 40	19 40	0 35	12 31
T 18	19 2	20 1	1 21	25 14	2 29	24 54	1 30	24 33	1 13	7 14	1 8	16 39	0 40	19 40	0 35	12 32
F 19	19 16	21 30	0 15	25 11	2 23	24 57	1 32	24 32	1 13	7 18	1 8	16 39	0 40	19 40	0 35	12 32
S 20	19 30	22 1	0n50	25 6	2 15	25 0	1 34	24 30	1 13	7 22	1 8	16 39	0 40	19 40	0 35	12 33
S 21	19 44	21 32	1 53	24 59	2 7	25 2	1 36	24 28	1 13	7 27	1 8	16 39	0 40	19 40	0 35	12 34
M22	19 57	20 6	2 52	24 50	1 57	25 3	1 38	24 25	1 13	7 31	1 8	16 39	0 41	19 40	0 35	12 34
T 23	20 10	17 48	3 43	24 38	1 45	25 3	1 40	24 23	1 13	7 35	1 8	16 39	0 41	19 41	0 35	12 35
W24	20 23	14 44	4 25	24 24	1 32	25 3	1 42	24 20	1 13	7 39	1 8	16 39	0 41	19 41	0 35	12 36
T 25	20 35	11 0	4 56	24 7	1 17	25 2	1 44	24 16	1 13	7 43	1 8	16 39	0 41	19 41	0 35	12 36
F 26	20 47	6 45	5 14	23 48	1 1	25 0	1 45	24 13	1 13	7 48	1 9	16 39	0 41	19 41	0 35	12 37
S 27	20 58	2 7	5 18	23 27	0 44	24 58	1 47	24 9	1 13	7 52	1 9	16 39	0 42	19 41	0 35	12 37
S 28	21 9	2n46	5 5	23 2	0 25	24 54	1 48	24 5	1 14	7 56	1 9	16 39	0 42	19 42	0 35	12 38
M29	21 20	7 41	4 35	22 36	0 5	24 50	1 50	24 1	1 14	8 0	1 9	16 39	0 42	19 42	0 35	12 39
T 30	21s30	12n23	3n48	22s 7	0n15	24s45	1s51	23s56	1s14	8s 4	1n 9	16n40	0n42	19n42	0n35	12s39

Julian Day Number = 2496773.5, Delta T = 105.40 sec
 Ecliptic obliquity = 23°25'21, Nutation = 0°00'15, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 26°28'14, Lahiri = 25°35'14

ASTRODIENST EPHEMERIS for the year 2123

geocentric

DECEMBER 2123

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 37 33	8°15'19	78°12	11°R51	12°S54	14°S29	23°A42	16°R 7	4°R26	8°M21	25°R56	8°D34	8°A27	25°A14	15°R43	W 1
T 2	4 41 29	9°16'04	22° 0	10°A30	14° 8	15°15	23°53	16°A 7	4°A25	8°23	25°B55	8°A34	8°23	25°21	15°V42	T 2
F 3	4 45 26	10°16'50	7°II 5	9° 7	15°21	16° 1	24° 4	16° 6	4°24	8°25	25°54	8°R34	8°20	25°27	15°41	F 3
S 4	4 49 22	11°17'37	22°18	7°46	16°34	16°48	24°15	16° 6	4°23	8°27	25°53	8°34	8°17	25°34	15°39	S 4
S 5	4 53 19	12°18'25	7°S28	6°29	17°48	17°34	24°26	16° 5	4°21	8°29	25°52	8°34	8°14	25°41	15°38	S 5
M 6	4 57 15	13°19'14	22°26	5°19	19° 1	18°20	24°36	16° 4	4°20	8°31	25°51	8°33	8°11	25°47	15°37	M 6
T 7	5 1 12	14°20'05	7°A 6	4°18	20°14	19° 6	24°47	16° 3	4°19	8°33	25°50	8°33	8° 8	25°54	15°36	T 7
W 8	5 5 9	15°20'57	21°21	3°27	21°27	19°53	24°57	16° 2	4°17	8°35	25°49	8°32	8° 4	26° 1	15°35	W 8
T 9	5 9 5	16°21'51	5°M11	2°47	22°40	20°39	25° 7	16° 1	4°16	8°37	25°48	8°31	8° 1	26° 7	15°34	T 9
F 10	5 13 2	17°22'45	18°35	2°18	23°53	21°26	25°17	15°59	4°14	8°38	25°47	8°D31	7°58	26°14	15°33	F 10
S 11	5 16 58	18°23'41	1°A35	2° 1	25° 6	22°12	25°28	15°58	4°13	8°40	25°46	8°31	7°55	26°21	15°32	S 11
S 12	5 20 55	19°24'38	14°15	1°D54	26°19	22°59	25°38	15°56	4°11	8°42	25°45	8°32	7°52	26°27	15°31	S 12
M13	5 24 51	20°25'37	26°38	1°58	27°32	23°45	25°48	15°55	4° 9	8°44	25°44	8°33	7°49	26°34	15°30	M13
T 14	5 28 48	21°26'36	8°M48	2°12	28°45	24°32	25°57	15°53	4° 8	8°46	25°43	8°35	7°45	26°41	15°29	T 14
W15	5 32 44	22°27'37	20°48	2°34	29°58	25°18	26° 7	15°51	4° 6	8°47	25°42	8°36	7°42	26°47	15°29	W15
T 16	5 36 41	23°28'38	2°A42	3° 5	1°A10	26° 5	26°17	15°49	4° 4	8°49	25°41	8°R36	7°39	26°54	15°28	T 16
F 17	5 40 38	24°29'41	14°31	3°42	2°23	26°52	26°26	15°47	4° 2	8°51	25°40	8°36	7°36	27° 0	15°27	F 17
S 18	5 44 34	25°30'44	26°19	4°26	3°36	27°39	26°36	15°45	4° 1	8°52	25°39	8°35	7°33	27° 7	15°27	S 18
S 19	5 48 31	26°31'48	8°S 7	5°16	4°49	28°25	26°45	15°43	3°59	8°54	25°38	8°34	7°29	27°14	15°26	S 19
M20	5 52 27	27°32'52	19°57	6°10	6° 1	29°12	26°54	15°40	3°57	8°56	25°37	8°31	7°26	27°20	15°26	M20
T 21	5 56 24	28°33'57	1°A52	7° 9	7°14	29°59	27° 3	15°38	3°55	8°57	25°36	8°28	7°23	27°27	15°25	T 21
W22	6 0 20	29°35'03	13°54	8°12	8°26	0°A46	27°12	15°35	3°53	8°59	25°35	8°24	7°20	27°34	15°25	W22
T 23	6 4 17	0°S36'09	26° 5	9°18	9°39	1°33	27°21	15°33	3°51	9° 1	25°34	8°21	7°17	27°40	15°25	T 23
F 24	6 8 13	1°37'15	8°A19	10°27	10°51	2°20	27°30	15°30	3°49	9° 2	25°33	8°18	7°14	27°47	15°25	F 24
S 25	6 12 10	2°38'21	21° 8	11°38	12° 3	3° 7	27°38	15°27	3°47	9° 4	25°32	8°16	7°10	27°54	15°24	S 25
S 26	6 16 7	3°39'28	4°V 6	12°52	13°15	3°54	27°47	15°24	3°45	9° 5	25°31	8°D16	7° 7	28° 0	15°24	S 26
M27	6 20 3	4°40'34	17°27	14° 7	14°27	4°41	27°55	15°21	3°42	9° 7	25°31	8°16	7° 4	28° 7	15°D24	M27
T 28	6 24 0	5°41'41	1°B13	15°25	15°40	5°28	28° 4	15°18	3°40	9° 8	25°30	8°17	7° 1	28°14	15°24	T 28
W29	6 27 56	6°42'48	15°25	16°44	16°52	6°15	28°12	15°15	3°38	9° 9	25°29	8°19	6°58	28°20	15°24	W29
T 30	6 31 53	7°43'55	0°II 1	18° 4	18° 3	7° 2	28°20	15°11	3°36	9°11	25°28	8°20	6°55	28°27	15°24	T 30
F 31	6 35 49	8°45'02	14°II58	19°A26	19°A15	7°A49	28°A28	15°A 8	3°A33	9°M12	25°B27	8°R20	6°A51	28°A34	15°V25	F 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	21s40	16n31	2n46	21s37	0n35	24s40	1s53	23s51	1s14	8s 7	1n 9	16n40	0n42	19n43	0n35	12s40
T 2	21 49	19 43	1 31	21 5	0 55	24 34	1 54	23 46	1 14	8 11	1 9	16 40	0 42	19 43	0 35	12 41
F 3	21 58	21 37	0 8	20 34	1 15	24 27	1 55	23 41	1 14	8 15	1 9	16 40	0 43	19 43	0 35	12 41
S 4	22 7	21 56	1s16	20 3	1 33	24 19	1 56	23 35	1 14	8 19	1 10	16 41	0 43	19 43	0 35	12 42
S 5	22 15	20 39	2 34	19 35	1 50	24 11	1 57	23 29	1 14	8 23	1 10	16 41	0 43	19 44	0 35	12 42
M 6	22 23	17 56	3 41	19 8	2 4	24 2	1 58	23 23	1 14	8 27	1 10	16 42	0 43	19 44	0 35	12 43
T 7	22 30	14 6	4 31	18 45	2 16	23 52	1 59	23 16	1 14	8 30	1 10	16 42	0 43	19 44	0 35	12 44
W 8	22 37	9 34	5 4	18 26	2 27	23 41	2 0	23 10	1 13	8 34	1 10	16 43	0 43	19 45	0 35	12 44
T 9	22 43	4 41	5 17	18 10	2 34	23 30	2 1	23 3	1 13	8 38	1 10	16 43	0 44	19 45	0 35	12 45
F 10	22 49	0s17	5 13	17 59	2 40	23 18	2 1	22 56	1 13	8 41	1 10	16 44	0 44	19 46	0 36	12 45
S 11	22 55	5 6	4 53	17 52	2 44	23 6	2 2	22 48	1 13	8 45	1 10	16 44	0 44	19 46	0 36	12 46
S 12	23 0	9 35	4 18	17 49	2 46	22 52	2 2	22 40	1 13	8 48	1 11	16 45	0 44	19 46	0 36	12 46
M13	23 5	13 34	3 33	17 50	2 46	22 39	2 3	22 32	1 13	8 52	1 11	16 46	0 44	19 47	0 36	12 47
T 14	23 9	16 55	2 38	17 54	2 45	22 24	2 3	22 24	1 13	8 55	1 11	16 46	0 44	19 47	0 36	12 47
W15	23 12	19 30	1 37	18 0	2 42	22 9	2 3	22 15	1 13	8 58	1 11	16 47	0 45	19 48	0 36	12 48
T 16	23 16	21 13	0 33	18 10	2 39	21 53	2 3	22 7	1 13	9 2	1 11	16 48	0 45	19 48	0 36	12 48
F 17	23 18	21 59	0n33	18 21	2 34	21 37	2 3	21 58	1 13	9 5	1 11	16 48	0 45	19 49	0 36	12 49
S 18	23 21	21 46	1 37	18 34	2 29	21 20	2 3	21 48	1 13	9 8	1 12	16 49	0 45	19 49	0 36	12 49
S 19	23 23	20 35	2 36	18 49	2 23	21 2	2 3	21 39	1 13	9 11	1 12	16 50	0 45	19 50	0 36	12 50
M20	23 24	18 29	3 29	19 4	2 17	20 44	2 3	21 29	1 12	9 15	1 12	16 51	0 45	19 50	0 36	12 50
T 21	23 25	15 37	4 13	19 21	2 10	20 25	2 2	21 19	1 12	9 18	1 12	16 52	0 46	19 51	0 36	12 51
W22	23 25	12 4	4 47	19 38	2 3	20 6	2 2	21 9	1 12	9 21	1 12	16 53	0 46	19 51	0 36	12 51
T 23	23 25	7 59	5 8	19 55	1 56	19 46	2 1	20 58	1 12	9 24	1 12	16 54	0 46	19 52	0 36	12 52
F 24	23 25	3 31	5 15	20 13	1 48	19 26	2 1	20 48	1 12	9 27	1 13	16 55	0 46	19 52	0 36	12 52
S 25	23 24	1n12	5 7	20 31	1 40	19 5	2 0	20 37	1 12	9 30	1 13	16 56	0 46	19 53	0 36	12 53
S 26	23 22	5 58	4 44	20 48	1 32	18 44	1 59	20 25	1 11	9 33	1 13	16 57	0 46	19 53	0 36	12 53
M27	23 20	10 37	4 4	21 5	1 24	18 22	1 58	20 14	1 11	9 35	1 13	16 58	0 47	19 54	0 36	12 53
T 28	23 18	14 51	3 10	21 22	1 16	18 0	1 57	20 2	1 11	9 38	1 13	16 59	0 47	19 54	0 36	12 54
W29	23 15	18 24	2 3	21 39	1 7	17 37	1 56	19 51	1 11	9 41	1 13	17 0	0 47	19 55	0 36	12 54
T 30	23 12	20 53	0 46	21 54	0 59	17 14	1 55	19 38	1 11	9 44	1 14	17 1	0 47	19 55	0 36	12 55
F 31	23s 8	21n58	0s36	22s 9	0n51	16s50	1s53	19s26	1s11	9s46	1n14	17n 2	0n47	19n56	0n36	12s55

Julian Day Number = 2496803.5, Delta T = 105.44 sec
 Ecliptic obliquity = 23°25'20", Nutation = 0°00'15", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 26°28'18", Lahiri = 25°35'18"