



Astrodienst Ephemeris Tables for the year 1827

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 1827
geocentric

JANUARY 1827

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
M 1	6 39 29	9°52'13	21°24	17°31	27°R26	2°24	13°11	2°R 4	23°20	13°34	3°19	22°R29	21°M 4	3°II58	20°D37	M 1
T 2	6 43 26	10°53'24	5°H 7	18°14	26°258	3°10	13°16	1°59	23°24	13°36	3°20	22°M23	21° 1	4° 5	20°Y37	T 2
W 3	6 47 23	11°54'34	18°21	19° 3	26°32	3°56	13°21	1°54	23°27	13°38	3°20	22°18	20°58	4°11	20°37	W 3
T 4	6 51 19	12°55'45	1°Y 9	19°55	26° 8	4°42	13°26	1°49	23°31	13°40	3°20	22°15	20°55	4°18	20°38	T 4
F 5	6 55 16	13°56'54	13°35	20°52	25°46	5°28	13°30	1°44	23°34	13°43	3°21	22°D14	20°52	4°25	20°38	F 5
S 6	6 59 12	14°58'04	25°42	21°52	25°26	6°14	13°35	1°39	23°38	13°45	3°21	22°15	20°48	4°31	20°38	S 6
S 7	7 3 9	15°59'13	7°B38	22°55	25° 9	7° 0	13°39	1°35	23°41	13°47	3°22	22°16	20°45	4°38	20°38	S 7
M 8	7 7 5	17° 0'21	19°26	24° 1	24°54	7°46	13°43	1°30	23°45	13°50	3°22	22°R17	20°42	4°45	20°39	M 8
T 9	7 11 2	18° 1'29	1°II12	25° 9	24°41	8°32	13°47	1°25	23°48	13°52	3°23	22°16	20°39	4°51	20°39	T 9
W10	7 14 58	19° 2'37	13° 0	26°20	24°31	9°18	13°50	1°21	23°52	13°54	3°23	22°14	20°36	4°58	20°40	W10
T 11	7 18 55	20° 3'44	24°55	27°32	24°24	10° 4	13°54	1°16	23°56	13°56	3°24	22° 9	20°32	5° 4	20°40	T 11
F 12	7 22 52	21° 4'50	6°58	28°46	24°19	10°50	13°57	1°12	23°59	13°59	3°24	22° 1	20°29	5°11	20°41	F 12
S 13	7 26 48	22° 5'57	19°11	0°Z 2	24°16	11°36	14° 0	1° 7	24° 3	14° 1	3°25	21°51	20°26	5°18	20°41	S 13
S 14	7 30 45	23° 7'02	1°Q36	1°20	24°D16	12°22	14° 3	1° 3	24° 6	14° 3	3°26	21°40	20°23	5°24	20°42	S 14
M15	7 34 41	24° 8'07	14°12	2°39	24°18	13° 7	14° 6	0°58	24°10	14° 5	3°26	21°28	20°20	5°31	20°43	M15
T 16	7 38 38	25° 9'12	27° 1	3°59	24°23	13°53	14° 9	0°54	24°13	14° 8	3°27	21°16	20°17	5°38	20°44	T 16
W17	7 42 34	26°10'16	10°M 0	5°20	24°30	14°39	14°11	0°50	24°17	14°10	3°27	21° 6	20°13	5°44	20°45	W17
T 18	7 46 31	27°11'20	23°12	6°42	24°39	15°25	14°14	0°46	24°20	14°12	3°28	20°59	20°10	5°51	20°46	T 18
F 19	7 50 27	28°12'23	6°A35	8° 5	24°51	16°10	14°16	0°42	24°24	14°14	3°29	20°54	20° 7	5°58	20°47	F 19
S 20	7 54 24	29°13'26	20°11	9°29	25° 5	16°56	14°17	0°37	24°27	14°17	3°30	20°52	20° 4	6° 4	20°48	S 20
S 21	7 58 21	0°24'29	4°M 0	10°54	25°21	17°42	14°19	0°33	24°31	14°19	3°30	20°D52	20° 1	6°11	20°49	S 21
M22	8 2 17	1°15'31	18° 4	12°20	25°39	18°27	14°21	0°30	24°34	14°21	3°31	20°R52	19°58	6°18	20°50	M22
T 23	8 6 14	2°16'33	2°21	13°47	25°59	19°13	14°22	0°26	24°38	14°23	3°32	20°52	19°54	6°24	20°51	T 23
W24	8 10 10	3°17'35	16°50	15°15	26°21	19°59	14°23	0°22	24°41	14°25	3°33	20°50	19°51	6°31	20°52	W24
T 25	8 14 7	4°18'35	1°Z28	16°43	26°44	20°44	14°24	0°18	24°45	14°28	3°34	20°45	19°48	6°38	20°54	T 25
F 26	8 18 3	5°19'35	16° 9	18°12	27°10	21°30	14°25	0°15	24°48	14°30	3°34	20°37	19°45	6°44	20°55	F 26
S 27	8 22 0	6°20'35	0°A45	19°42	27°37	22°15	14°25	0°11	24°52	14°32	3°35	20°26	19°42	6°51	20°57	S 27
S 28	8 25 56	7°21'33	15° 9	21°12	28° 6	23° 1	14°26	0° 8	24°55	14°34	3°36	20°14	19°38	6°58	20°58	S 28
M29	8 29 53	8°22'30	29°14	22°44	28°36	23°46	14°R26	0° 4	24°59	14°36	3°37	20° 2	19°35	7° 4	21° 0	M29
T 30	8 33 50	9°23'26	12°H56	24°16	29° 8	24°32	14°26	0° 1	25° 2	14°38	3°38	19°51	19°32	7°11	21° 1	T 30
W31	8 37 46	10°24'21	26°H13	25°348	29°241	25°H17	14°26	29°II58	25°Z 6	14°Z40	3°Y39	19°M41	19°M29	7°II17	21°Y 3	W31

Day	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	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	23s 6	9s30 5n 8	20s28 2n25	19s 3 4n23	11s33 0s59	4s 0 1n19	22n31 0s55	21s55 0s29	22s 1 0n46	13s57 16s41	18s24 18s 2	19n50 8n35	0n33 0 33		
T 2	23 1 4 58	5 1 20 40	2 17 18 52	4 33 11 15	0 58 4 2	1 19 22 31	0 55 21 54	0 29 22 0	0 46 13 57	16 40 18 23	18 2 19 50	8 34 0 33			
W 3	22 56 0 21	4 37 20 53	2 8 18 42	4 43 10 58	0 57 4 3	1 19 22 32	0 55 21 54	0 29 22 0	0 46 13 56	16 40 18 22	18 1 19 50	8 34 0 33			
T 4	22 50 4n 8	4 1 21 5	1 59 18 32	4 52 10 40	0 56 4 5	1 20 22 32	0 55 21 53	0 29 22 0	0 46 13 56	16 40 18 21	18 0 19 51	8 34 0 33			
F 5	22 44 8 20	3 13 21 18	1 51 18 23	5 1 10 22	0 56 4 6	1 20 22 32	0 55 21 53	0 29 22 0	0 46 13 55	16 39 18 21	17 59 19 51	8 34 0 33			
S 6	22 37 12 5	2 18 21 31	1 42 18 14	5 9 10 5	0 55 4 8	1 20 22 32	0 55 21 52	0 29 21 59	0 46 13 55	16 39 18 21	17 58 19 52	8 34 0 33			
S 7	22 30 15 18	1 18 21 44	1 33 18 7	5 16 9 47	0 54 4 9	1 20 22 32	0 55 21 51	0 29 21 59	0 46 13 54	16 38 18 21	17 57 19 52	8 34 0 33			
M 8	22 23 17 51	0 15 21 56	1 24 18 0	5 22 9 29	0 53 4 11	1 21 22 33	0 55 21 51	0 29 21 59	0 46 13 54	16 38 18 21	17 57 19 52	8 34 0 33			
T 9	22 15 19 38	0s48 22 8	1 15 17 53	5 28 9 11	0 52 4 12	1 21 22 33	0 54 21 50	0 29 21 59	0 46 13 53	16 38 18 21	17 56 19 53	8 34 0 33			
W10	22 6 20 35	1 49 22 19	1 6 17 48	5 33 8 53	0 51 4 13	1 21 22 33	0 54 21 50	0 29 21 59	0 46 13 53	16 37 18 20	17 55 19 53	8 34 0 32			
T 11	21 58 20 36	2 46 22 30	0 57 17 43	5 38 8 35	0 50 4 14	1 21 22 33	0 54 21 49	0 29 21 58	0 46 13 52	16 37 18 19	17 54 19 53	8 35 0 32			
F 12	21 48 19 41	3 36 22 40	0 48 17 39	5 42 8 16	0 49 4 15	1 22 22 33	0 54 21 48	0 29 21 58	0 46 13 52	16 37 18 17	17 53 19 54	8 35 0 32			
S 13	21 39 17 51	4 16 22 49	0 39 17 35	5 45 7 58	0 49 4 16	1 22 22 33	0 54 21 48	0 29 21 58	0 46 13 51	16 36 18 15	17 52 19 54	8 35 0 32			
S 14	21 29 15 11	4 45 22 57	0 30 17 32	5 48 7 40	0 48 4 17	1 22 22 34	0 54 21 47	0 29 21 58	0 46 13 51	16 36 18 12	17 52 19 54	8 35 0 32			
M15	21 18 11 47	5 1 23 4	0 22 17 30	5 50 7 21	0 47 4 18	1 22 22 34	0 54 21 46	0 29 21 57	0 46 13 50	16 36 18 9	17 51 19 55	8 35 0 32			
T 16	21 7 7 47	5 2 23 11	0 14 17 28	5 52 7 3	0 46 4 19	1 23 22 34	0 53 21 46	0 29 21 57	0 46 13 50	16 35 18 6	17 50 19 55	8 35 0 32			
W17	20 56 3 23	4 47 23 16	0 5 17 27	5 54 6 45	0 45 4 20	1 23 22 34	0 53 21 45	0 29 21 57	0 46 13 49	16 35 18 3	17 49 19 55	8 36 0 32			
T 18	20 44 1s14	4 17 23 20	0s 3 17 27	5 54 6 26	0 44 4 20	1 23 22 34	0 53 21 45	0 29 21 57	0 46 13 48	16 35 18 1	17 48 19 56	8 36 0 32			
F 19	20 32 5 52	3 33 23 23	0 11 17 27	5 55 6 7	0 43 4 21	1 23 22 35	0 53 21 44	0 29 21 56	0 46 13 48	16 34 18 0	17 47 19 56	8 36 0 31			
S 20	20 20 10 18	2 36 23 25	0 18 17 27	5 55 5 49	0 42 4 21	1 24 22 35	0 53 21 43	0 29 21 56	0 46 13 47	16 34 17 59	17 46 19 56	8 37 0 31			
S 21	20 7 14 15	1 29 23 26	0 26 17 28	5 54 5 30	0 42 4 22	1 24 22 35	0 53 21 43	0 29 21 56	0 46 13 47	16 34 17 59	17 46 19 57	8 37 0 31			
M22	19 54 17 28	0 15 23 26	0 33 17 30	5 54 5 12	0 41 4 22	1 24 22 35	0 53 21 42	0 29 21 56	0 46 13 46	16 33 17 59	17 45 19 57	8 37 0 31			
T 23	19 40 19 40	1n 1 23 25	0 40 17 31	5 53 4 53	0 40 4 22	1 25 22 35	0 52 21 42	0 29 21 56	0 46 13 46	16 33 17 59	17 44 19 57	8 38 0 31			
W24	19 26 20 36	2 13 23 22	0 47 17 33	5 51 4 34	0 39 4 22	1 25 22 35	0 52 21 41	0 29 21 55	0 46 13 45	16 33 17 59	17 43 19 57	8 38 0 31			
T 25	19 12 20 9	3 18 23 18	0 53 17 36	5 49 4 15	0 38 4 23	1 25 22 36	0 52 21 40	0 29 21 55	0 46 13 44	16 33 17 57	17 42 19 58	8 38 0 31			
F 26	18 57 18 22	4 9 23 13	1 0 17 38	5 47 3 57	0 37 4 23	1 25 22 36	0 52 21 40	0 29 21 55	0 46 13 44	16 32 17 55	17 41 19 58	8 39 0 31			
S 27	18 42 15 23	4 44 23 6	1 6 17 41	5 45 3 38	0 36 4 23	1 26 22 36	0 52 21 39	0 29 21 55	0 46 13 43	16 32 17 52	17 40 19 58	8 39 0 31			
S 28	18 27 11 31	5 0 22 58	1 12 17 44	5 43 3 19	0 35 4 22	1 26 22 36	0 52 21 38	0 29 21 54	0 46 13 42	16 32 17 49	17 40 19 59	8 40 0 30			
M29	18 11 7 6	4 57 22 49	1 17 17 47	5 40 3 0	0 35 4 22	1 26 22 36	0 51 21 38	0 29 21 54	0 46 13 42	16 31 17 46	17 39 19 59	8 40 0 30			
T 30	17 55 2 26	4 37 22 38	1 23 17 51	5 37 2 41	0 34 4 22	1 26 22 36	0 51 21 37	0 29 21 54	0 46 13 41	16 31 17 43	17 38 19 59	8 41 0 30			
W31	17s39 2n12	4n 3 22s27	1s28 17s54	5n33 2s23	0s33 4s22	1n27 22n37	0s51 21s37	0s29 21s54	0n46 13s41	16s31 17s40	17s37 19n59	8n41 0n30			

Julian Day Number = 2388357.5, Delta T = 12.76 sec
Ecliptic obliquity = 23°27'36, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°19'29, Lahiri = 21°26'29

ASTRODIENST EPHEMERIS for the year 1827

geocentric

FEBRUARY 1827

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 41 43	11 ²² 5'14	9 ¹⁷ 4	27 ³ 22	0 ⁸ 16	26 ¹ 3	14 ⁰ R25	29 ⁰ R55	25 ³ 9	14 ³ 42	3 ¹⁷ 40	19 ⁰ R35	19 ¹ 26	7 ¹¹ 24	21 ¹ 5	T 1
F 2	8 45 39	12 ⁰ 26'07	21 ⁰ 33	28 ⁰ 56	0 ⁰ 52	26 ⁰ 48	14 ⁰ A25	29 ⁰ II52	25 ⁰ 13	14 ⁰ 44	3 ⁰ 41	19 ⁰ 31	19 ⁰ 23	7 ⁰ 31	21 ⁰ 6	F 2
S 3	8 49 36	13 ⁰ 26'57	3 ⁸ 43	0 ⁰ 31	1 ⁰ 30	27 ⁰ 34	14 ⁰ 24	29 ⁰ 49	25 ⁰ 16	14 ⁰ 47	3 ⁰ 42	19 ⁰ 30	19 ⁰ 19	7 ⁰ 37	21 ⁰ 8	S 3
S 4	8 53 32	14 ⁰ 27'47	15 ⁰ 40	2 ⁰ 6	2 ⁰ 8	28 ⁰ 19	14 ⁰ 23	29 ⁰ 46	25 ⁰ 20	14 ⁰ 49	3 ⁰ 43	19 ⁰ 30	19 ⁰ 16	7 ⁰ 44	21 ⁰ 10	S 4
M 5	8 57 29	15 ⁰ 28'35	27 ⁰ 30	3 ⁰ 43	2 ⁰ 48	29 ⁰ 4	14 ⁰ 22	29 ⁰ 43	25 ⁰ 23	14 ⁰ 51	3 ⁰ 44	19 ⁰ 30	19 ⁰ 13	7 ⁰ 51	21 ⁰ 12	M 5
T 6	9 1 25	16 ⁰ 29'21	9 ¹¹ 17	5 ⁰ 20	3 ⁰ 29	29 ⁰ 49	14 ⁰ 21	29 ⁰ 41	25 ⁰ 26	14 ⁰ 53	3 ⁰ 45	19 ⁰ 28	19 ⁰ 10	7 ⁰ 57	21 ⁰ 14	T 6
W 7	9 5 22	17 ⁰ 30'06	21 ⁰ 7	6 ⁰ 58	4 ⁰ 11	0 ¹⁷ 35	14 ⁰ 19	29 ⁰ 38	25 ⁰ 30	14 ⁰ 55	3 ⁰ 46	19 ⁰ 25	19 ⁰ 7	8 ⁰ 4	21 ⁰ 16	W 7
T 8	9 9 19	18 ⁰ 30'49	3 ⁰ 5	8 ⁰ 36	4 ⁰ 55	1 ⁰ 20	14 ⁰ 17	29 ⁰ 36	25 ⁰ 33	14 ⁰ 57	3 ⁰ 47	19 ⁰ 19	19 ⁰ 4	8 ⁰ 11	21 ⁰ 18	T 8
F 9	9 13 15	19 ⁰ 31'31	15 ⁰ 15	10 ⁰ 16	5 ⁰ 39	2 ⁰ 5	14 ⁰ 15	29 ⁰ 34	25 ⁰ 36	14 ⁰ 59	3 ⁰ 48	19 ⁰ 11	19 ⁰ 0	8 ⁰ 17	21 ⁰ 20	F 9
S 10	9 17 12	20 ⁰ 32'12	27 ⁰ 39	11 ⁰ 56	6 ⁰ 24	2 ⁰ 50	14 ⁰ 13	29 ⁰ 31	25 ⁰ 40	15 ⁰ 1	3 ⁰ 50	18 ⁰ 59	18 ⁰ 57	8 ⁰ 24	21 ⁰ 22	S 10
S 11	9 21 8	21 ⁰ 32'50	10 ⁰ 19	13 ⁰ 37	7 ⁰ 10	3 ⁰ 35	14 ⁰ 11	29 ⁰ 29	25 ⁰ 43	15 ⁰ 2	3 ⁰ 51	18 ⁰ 46	18 ⁰ 54	8 ⁰ 31	21 ⁰ 24	S 11
M 12	9 25 5	22 ⁰ 33'28	23 ⁰ 15	15 ⁰ 19	7 ⁰ 57	4 ⁰ 20	14 ⁰ 9	29 ⁰ 27	25 ⁰ 46	15 ⁰ 4	3 ⁰ 52	18 ⁰ 32	18 ⁰ 51	8 ⁰ 37	21 ⁰ 27	M 12
T 13	9 29 1	23 ⁰ 34'04	6 ¹⁰ 25	17 ⁰ 2	8 ⁰ 45	5 ⁰ 5	14 ⁰ 6	29 ⁰ 25	25 ⁰ 49	15 ⁰ 6	3 ⁰ 53	18 ⁰ 19	18 ⁰ 48	8 ⁰ 44	21 ⁰ 29	T 13
W 14	9 32 58	24 ⁰ 34'38	19 ⁰ 48	18 ⁰ 46	9 ⁰ 34	5 ⁰ 50	14 ⁰ 3	29 ⁰ 24	25 ⁰ 53	15 ⁰ 8	3 ⁰ 54	18 ⁰ 8	18 ⁰ 44	8 ⁰ 51	21 ⁰ 31	W 14
T 15	9 36 54	25 ⁰ 35'11	3 ⁰ 22	20 ⁰ 30	10 ⁰ 23	6 ⁰ 35	14 ⁰ 0	29 ⁰ 22	25 ⁰ 56	15 ⁰ 10	3 ⁰ 55	17 ⁰ 59	18 ⁰ 41	8 ⁰ 57	21 ⁰ 34	T 15
F 16	9 40 51	26 ⁰ 35'43	17 ⁰ 5	22 ⁰ 16	11 ⁰ 14	7 ⁰ 20	13 ⁰ 57	29 ⁰ 20	25 ⁰ 59	15 ⁰ 12	3 ⁰ 57	17 ⁰ 53	18 ⁰ 38	9 ⁰ 4	21 ⁰ 36	F 16
S 17	9 44 48	27 ⁰ 36'13	0 ¹¹ 54	24 ⁰ 2	12 ⁰ 5	8 ⁰ 5	13 ⁰ 54	29 ⁰ 19	26 ⁰ 2	15 ⁰ 14	3 ⁰ 58	17 ⁰ 50	18 ⁰ 35	9 ⁰ 11	21 ⁰ 39	S 17
S 18	9 48 44	28 ⁰ 36'43	14 ⁰ 50	25 ⁰ 50	12 ⁰ 57	8 ⁰ 49	13 ⁰ 50	29 ⁰ 18	26 ⁰ 5	15 ⁰ 15	3 ⁰ 59	17 ⁰ D49	18 ⁰ 32	9 ⁰ 17	21 ⁰ 41	S 18
M 19	9 52 41	29 ⁰ 37'11	28 ⁰ 51	27 ⁰ 38	13 ⁰ 49	9 ⁰ 34	13 ⁰ 46	29 ⁰ 16	26 ⁰ 8	15 ⁰ 17	4 ⁰ 0	17 ⁰ R50	18 ⁰ 29	9 ⁰ 24	21 ⁰ 44	M 19
T 20	9 56 37	0 ¹ 37'37	12 ⁰ 58	29 ⁰ 27	14 ⁰ 42	10 ⁰ 19	13 ⁰ 43	29 ⁰ 15	26 ⁰ 12	15 ⁰ 19	4 ⁰ 2	17 ⁰ 49	18 ⁰ 25	9 ⁰ 31	21 ⁰ 46	T 20
W 21	10 0 34	1 ⁰ 38'03	27 ⁰ 9	1 ¹ 17	15 ⁰ 36	11 ⁰ 4	13 ⁰ 38	29 ⁰ 14	26 ⁰ 15	15 ⁰ 21	4 ⁰ 3	17 ⁰ 47	18 ⁰ 22	9 ⁰ 37	21 ⁰ 49	W 21
T 22	10 4 30	2 ⁰ 38'27	11 ⁰ 22	3 ⁰ 8	16 ⁰ 30	11 ⁰ 48	13 ⁰ 34	29 ⁰ 13	26 ⁰ 18	15 ⁰ 22	4 ⁰ 4	17 ⁰ 42	18 ⁰ 19	9 ⁰ 44	21 ⁰ 52	T 22
F 23	10 8 27	3 ⁰ 38'50	25 ⁰ 35	5 ⁰ 0	17 ⁰ 25	12 ⁰ 33	13 ⁰ 30	29 ⁰ 12	26 ⁰ 21	15 ⁰ 24	4 ⁰ 5	17 ⁰ 35	18 ⁰ 16	9 ⁰ 51	21 ⁰ 54	F 23
S 24	10 12 23	4 ⁰ 39'11	9 ⁰ 44	6 ⁰ 52	18 ⁰ 21	13 ⁰ 17	13 ⁰ 25	29 ⁰ 12	26 ⁰ 24	15 ⁰ 26	4 ⁰ 7	17 ⁰ 25	18 ⁰ 13	9 ⁰ 57	21 ⁰ 57	S 24
S 25	10 16 20	5 ⁰ 39'30	23 ⁰ 43	8 ⁰ 45	19 ⁰ 17	14 ⁰ 2	13 ⁰ 21	29 ⁰ 11	26 ⁰ 27	15 ⁰ 27	4 ⁰ 8	17 ⁰ 13	18 ⁰ 10	10 ⁰ 4	22 ⁰ 0	S 25
M 26	10 20 17	6 ⁰ 39'48	7 ⁰ 28	10 ⁰ 39	20 ⁰ 14	14 ⁰ 46	13 ⁰ 16	29 ⁰ 11	26 ⁰ 29	15 ⁰ 29	4 ⁰ 9	17 ⁰ 1	18 ⁰ 6	10 ⁰ 10	22 ⁰ 3	M 26
T 27	10 24 13	7 ⁰ 40'04	20 ⁰ 56	12 ⁰ 34	21 ⁰ 11	15 ⁰ 31	13 ⁰ 11	29 ⁰ 10	26 ⁰ 32	15 ⁰ 30	4 ⁰ 11	16 ⁰ 50	18 ⁰ 3	10 ⁰ 17	22 ⁰ 5	T 27
W 28	10 28 10	8 ⁰ 40'18	4 ⁰ 17	14 ⁰ 29	22 ⁰ 8	16 ⁰ 15	13 ⁰ 6	29 ⁰ II10	26 ⁰ 35	15 ⁰ 32	4 ⁰ 12	16 ⁰ 41	18 ⁰ 0	10 ⁰ II24	22 ⁰ 17	W 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
T 1	17s22	6n37	3n17	22s13	1s33	17s58	5n30	2s 4	0s32	4s21	1n27	22n37	0s51	21s36	0s29	21s53	0n46	13s40	16s30	17s39	17s36	20n 0	8n42	0n30			
F 2	17 5	10 36	2 22	21 59	1 37	18 1	5 26	1 45	0 31	4 21	1 27	22 37	0 51	21 35	0 29	21 53	0 46	13 39	16 30	17 38	17 35	20 0	8 42	0 30			
S 3	16 48	14 4	1 23	21 43	1 41	18 5	5 22	1 26	0 30	4 20	1 27	22 37	0 51	21 35	0 29	21 53	0 46	13 39	16 30	17 37	17 34	20 0	8 43	0 30			
S 4	16 30	16 52	0 20	21 25	1 45	18 8	5 18	1 7	0 29	4 20	1 28	22 37	0 50	21 34	0 29	21 53	0 46	13 38	16 30	17 37	17 34	20 0	8 44	0 30			
M 5	16 13	18 56	0s42	21 6	1 49	18 12	5 14	0 49	0 29	4 19	1 28	22 37	0 50	21 34	0 29	21 53	0 46	13 37	16 29	17 37	17 33	20 1	8 44	0 30			
T 6	15 54	20 10	1 43	20 46	1 52	18 15	5 10	0 30	0 28	4 18	1 28	22 38	0 50	21 33	0 29	21 52	0 46	13 37	16 29	17 37	17 32	20 1	8 45	0 30			
W 7	15 36	20 31	2 39	20 24	1 55	18 18	5 5	0 11	0 27	4 17	1 28	22 38	0 50	21 32	0 29	21 52	0 46	13 36	16 29	17 36	17 31	20 1	8 45	0 29			
T 8	15 17	19 57	3 29	20 1	1 58	18 22	5 1	0n 8	0 26	4 17	1 29	22 38	0 50	21 32	0 29	21 52	0 46	13 35	16 29	17 34	17 30	20 1	8 46	0 29			
F 9	14 59	18 27	4 10	19 37	2 0	18 25	4 56	0 27	0 25	4 16	1 29	22 38	0 50	21 31	0 29	21 52	0 46	13 35	16 28	17 32	17 29	20 2	8 47	0 29			
S 10	14 39	16 4	4 40	19 11	2 2	18 28	4 51	0 45	0 24	4 15	1 29	22 38	0 49	21 31	0 29	21 51	0 46	13 34	16 28	17 29	17 28	20 2	8 48	0 29			
S 11	14 20	12 54	4 57	18 43	2 4	18 30	4 46	1 4	0 24	4 13	1 29	22 38	0 49	21 30	0 29	21 51	0 46	13 33	16 28	17 25	17 27	20 2	8 48	0 29			
M 12	14 0	9 4	4 59	18 14	2 5	18 33	4 41	1 23	0 23	4 12	1 30	22 39	0 49	21 29	0 29	21 51	0 46	13 33	16 28	17 22	17 27	20 2	8 49	0 29			
T 13	13 41	4 44	4 46	17 44	2 5	18 35	4 36	1 41	0 22	4 11	1 30	22 39	0 49	21 29	0 29	21 51	0 46	13 32	16 27	17 18	17 26	20 2	8 50	0 29			
W 14	13 20	0 7	4 16	17 12	2 6	18 37	4 31	2 0	0 21	4 10	1 30	22 39	0 49	21 28	0 29	21 51	0 46	13 31	16 27	17 15	17 25	20 3	8 51	0 29			
T 15	13 0	4s35	3 32	16 39	2 6	18 39	4 25	2 18	0 20	4 8	1 30	22 39	0 48	21 28	0 29	21 50	0 46	13 31	16 27	17 12	17 24	20 3	8 51	0 29			
F 16	12 40	9 6	2 35	16 4	2 5	18 40	4 20	2 37	0 20	4 7	1 31	22 39	0 48	21 27	0 29	21 50	0 46	13 30	16 27	17 11	17 23	20 3	8 52	0 29			
S 17	12 19	13 11	1 28	15 28	2 4	18 41	4 15	2 55	0 19	4 5	1 31	22 39	0 48	21 26	0 29	21 50	0 46	13 29	16 27	17 10	17 22	20 3	8 53	0 28			
S 18	11 58	16 33	0 16	14 51	2 3	18 42	4 9	3 14	0 18	4 4	1 31	22 40	0 48	21 26	0 29	21 50	0 46	13 29	16 26	17 10	17 21	20 3	8 54	0 28			
M 19	11 37	18 59	0n58	14 12	2 1	18 42	4 4	3 32	0 17	4 2	1 31	22 40	0 48	21 25	0 29	21 50	0 46	13 28	16 26	17 10	17 20	20 3	8 55	0 28			
T 20	11 16	20 14	2 9	13 31	1 58	18 42	3 58	3 50	0 16	4 0	1 32	22 40	0 48	21 25	0 29	21 49	0 46	13 27	16 26	17 9	17 20	20 4	8 56	0 28			
W 21	10 54	20 14	3 12	12 49	1 55	18 42	3 52	4 9	0 15	3 59	1 32	22 40	0 47	21 24	0 29	21 49	0 46	13 27	16 26	17 9	17 19	20 4	8 57	0 28			
T 22	10 33	18 56	4 4	12 6	1 52	18 41	3 47	4 27	0 15	3 57	1 32	22 40	0 47	21 24	0 29	21 49	0 46	13 26	16 26	17 8	17 18	20 4	8 57	0 28			
F 23	10 11	16 27	4 40	11 22	1 48	18 40	3 41	4 45	0 14	3 55	1 32	22 40	0 47	21 23	0 30	21 49	0 46	13 25	16 25	17 5	17 17	20 4	8 58	0 28			
S 24	9 49	13 1	4 59	10 36	1 43	18 39	3 35	5 3	0 13	3 53	1 32	22 41	0 47	21 23	0 30	21 49	0 46	13 25	16 25	17 3	17 16	20 4	8 59	0 28			
S 25	9 27	8 54	5 0	9 48	1 38	18 37	3 29	5 21	0 12	3 51	1 33	22 41	0 47	21 22	0 30	21 48	0 46	13 24	16 25	16 59	17 15	20 4	9 0	0 28			
M 26	9 4	4 23	4 43	9 0	1 32	18 35	3 23	5 39	0 12	3 49	1 33	22 41	0 46	21 21	0 30	21 48	0 46	13 23	16 25	16 56	17 14	20 5	9 1	0 28			
T 27	8 42	0n15	4 11	8 11	1 26	18 32	3 18	5 57	0 11	3 47	1 33	22 41	0 46	21 21	0 30	21 48	0 46	13 23	16 25	16 53	17 13	20 5	9 2	0 28			
W 28	8s20	4n45	3n26	7s20	1s19	18s29	3n12	6n15	0s10	3s45	1n33	22n41	0s46	21s20	0s30	21s48	0n46	13s22	16s25	16s50	17s13	20n 5	9n 3	0n27			

ASTRODIENST EPHEMERIS for the year 1827

geocentric

MARCH 1827

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	10 32 6	9 ^h 40'30	16 ^h 50	16 ^h 24	23 ^h 36	17 ^h 0	13 ^h R 0	29 ^h R10	26 ^h 38	15 ^h 34	4 ^h 13	16 ^h R34	17 ^h 57	10 ^h 30	22 ^h 11	T 1
F 2	10 36 3	10°40'40	29°18	18°19	24° 5	17°44	12 ^h 55	29°D10	26°41	15°35	4°15	16 ^h 30	17°54	10°37	22°14	F 2
S 3	10 39 59	11°40'49	11 ^h 828	20°15	25° 4	18°28	12°49	29 ^h II10	26°44	15°37	4°16	16°D29	17°50	10°44	22°17	S 3
S 4	10 43 56	12°40'55	23°27	22°10	26° 3	19°13	12°43	29°10	26°46	15°38	4°17	16°29	17°47	10°50	22°20	S 4
M 5	10 47 52	13°40'59	5 ^h II17	24° 4	27° 3	19°57	12°38	29°11	26°49	15°39	4°19	16°30	17°44	10°57	22°23	M 5
T 6	10 51 49	14°41'01	17° 6	25°58	28° 3	20°41	12°32	29°11	26°52	15°41	4°20	16°R30	17°41	11° 4	22°26	T 6
W 7	10 55 45	15°41'00	28°57	27°51	29° 3	21°25	12°25	29°12	26°54	15°42	4°22	16°29	17°38	11°10	22°30	W 7
T 8	10 59 42	16°40'58	10 ^h 557	29°41	0 ^h 84	22° 9	12°19	29°12	26°57	15°43	4°23	16°26	17°35	11°17	22°33	T 8
F 9	11 3 39	17°40'54	23°11	1 ^h 30	1° 5	22°53	12°13	29°13	26°59	15°45	4°25	16°20	17°31	11°24	22°36	F 9
S 10	11 7 35	18°40'47	5 ^h Ω41	3°17	2° 6	23°37	12° 6	29°14	27° 2	15°46	4°26	16°13	17°28	11°30	22°39	S 10
S 11	11 11 32	19°40'38	18°30	5° 0	3° 8	24°21	12° 0	29°15	27° 4	15°47	4°27	16° 3	17°25	11°37	22°42	S 11
M12	11 15 28	20°40'27	1 ^h η40	6°40	4°10	25° 5	11°53	29°16	27° 7	15°49	4°29	15°53	17°22	11°44	22°46	M12
T 13	11 19 25	21°40'14	15° 9	8°16	5°13	25°49	11°46	29°17	27° 9	15°50	4°30	15°44	17°19	11°50	22°49	T 13
W14	11 23 21	22°39'59	28°55	9°48	6°15	26°33	11°39	29°19	27°12	15°51	4°32	15°36	17°15	11°57	22°52	W14
T 15	11 27 18	23°39'42	12 ^h 557	11°15	7°18	27°16	11°32	29°20	27°14	15°52	4°33	15°29	17°12	12° 4	22°56	T 15
F 16	11 31 14	24°39'23	27° 4	12°36	8°22	28° 0	11°25	29°22	27°16	15°53	4°35	15°26	17° 9	12°10	22°59	F 16
S 17	11 35 11	25°39'02	11 ^h η19	13°52	9°25	28°44	11°18	29°23	27°19	15°54	4°36	15°D24	17° 6	12°17	23° 2	S 17
S 18	11 39 8	26°38'39	25°34	15° 1	10°29	29°27	11°11	29°25	27°21	15°55	4°38	15°24	17° 3	12°24	23° 6	S 18
M19	11 43 4	27°38'15	9 ^h 248	16° 4	11°33	0 ^h 811	11° 4	29°27	27°23	15°56	4°39	15°25	17° 0	12°30	23° 9	M19
T 20	11 47 1	28°37'49	23° 58	17° 0	12°37	0°54	10°56	29°29	27°25	15°57	4°40	15°R26	16°56	12°37	23°13	T 20
W21	11 50 57	29°37'22	8 ^h 3	17°49	13°42	1°38	10°49	29°31	27°27	15°58	4°42	15°26	16°53	12°44	23°16	W21
T 22	11 54 54	0 ^h 36'52	22° 3	18°30	14°47	2°21	10°41	29°33	27°29	15°59	4°43	15°24	16°50	12°50	23°20	T 22
F 23	11 58 50	1°36'21	5 ^h ≈55	19° 3	15°52	3° 5	10°34	29°35	27°31	16° 0	4°45	15°20	16°47	12°57	23°23	F 23
S 24	12 2 47	2°35'48	19°38	19°29	16°57	3°48	10°26	29°38	27°33	16° 1	4°46	15°14	16°44	13° 4	23°27	S 24
S 25	12 6 43	3°35'14	3 ^h 9	19°48	18° 2	4°31	10°19	29°40	27°35	16° 2	4°48	15° 8	16°41	13°10	23°30	S 25
M26	12 10 40	4°34'37	16°28	19°58	19° 8	5°15	10°11	29°43	27°37	16° 3	4°49	15° 0	16°37	13°17	23°34	M26
T 27	12 14 37	5°33'58	29°33	20°R 1	20°13	5°58	10° 3	29°46	27°39	16° 3	4°51	14°54	16°34	13°24	23°37	T 27
W28	12 18 33	6°33'17	12 ^h 37	19°57	21°19	6°41	9°56	29°48	27°41	16° 4	4°52	14°48	16°31	13°30	23°41	W28
T 29	12 22 30	7°32'34	24°57	19°45	22°25	7°24	9°48	29°51	27°42	16° 5	4°54	14°45	16°28	13°37	23°45	T 29
F 30	12 26 26	8°31'50	7 ^h 816	19°27	23°32	8° 7	9°40	29°54	27°44	16° 5	4°55	14°43	16°25	13°44	23°48	F 30
S 31	12 30 23	9 ^h 31'02	19 ^h 822	19 ^h 2	24 ^h ≈38	8 ^h 50	9 ^h Δ33	29 ^h II57	27 ^h 346	16 ^h 36	4 ^h 57	14°D43	16 ^h η21	13 ^h II50	23 ^h 37	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	decl	lat
T 1	7s57	8n57	2n31	6s28	1s12	18s25	3n 6	6n32	0s 9	3s42	1n33	22n42	0s46	21s20	0s30	21s48	0n46	13s21	16s24	16s48	17s12	20n 5	9n 4	0n27			
F 2	7 34	12 38	1 30	5 36	1 3	18 21	3 0	6 50	0 8	3 40	1 34	22 42	0 46	21 19	0 30	21 47	0 46	13 21	16 24	16 47	17 11	20 5	9 5	0 27			
S 3	7 11	15 43	0 27	4 42	0 55	18 17	2 54	7 8	0 8	3 38	1 34	22 42	0 46	21 19	0 30	21 47	0 46	13 20	16 24	16 47	17 10	20 5	9 6	0 27			
S 4	6 48	18 3	0s37	3 48	0 45	18 12	2 48	7 25	0 7	3 35	1 34	22 42	0 45	21 18	0 30	21 47	0 46	13 19	16 24	16 47	17 9	20 5	9 7	0 27			
M 5	6 25	19 35	1 39	2 54	0 35	18 7	2 42	7 43	0 6	3 33	1 34	22 42	0 45	21 18	0 30	21 47	0 46	13 19	16 24	16 47	17 8	20 6	9 8	0 27			
T 6	6 2	20 15	2 36	1 59	0 25	18 1	2 37	8 0	0 5	3 30	1 34	22 42	0 45	21 17	0 30	21 47	0 46	13 18	16 24	16 47	17 7	20 6	9 9	0 27			
W 7	5 39	20 0	3 27	1 4	0 14	17 54	2 31	8 17	0 5	3 28	1 34	22 43	0 45	21 17	0 30	21 47	0 46	13 17	16 24	16 47	17 6	20 6	9 11	0 27			
T 8	5 16	18 52	4 9	0 10	0 3	17 48	2 25	8 34	0 4	3 25	1 35	22 43	0 45	21 16	0 30	21 46	0 46	13 17	16 24	16 46	17 5	20 6	9 12	0 27			
F 9	4 52	16 51	4 41	0n45	0n 9	17 40	2 19	8 51	0 3	3 23	1 35	22 43	0 44	21 16	0 30	21 46	0 46	13 16	16 24	16 44	17 5	20 6	9 13	0 27			
S 10	4 29	14 1	5 0	1 38	0 22	17 33	2 13	9 8	0 2	3 20	1 35	22 43	0 44	21 15	0 30	21 46	0 46	13 15	16 23	16 42	17 4	20 6	9 14	0 26			
S 11	4 5	10 27	5 5	2 31	0 34	17 24	2 7	9 25	0 2	3 17	1 35	22 43	0 44	21 15	0 30	21 46	0 46	13 15	16 23	16 39	17 3	20 6	9 15	0 26			
M12	3 42	6 19	4 54	3 22	0 47	17 16	2 2	9 42	0 1	3 15	1 35	22 44	0 44	21 15	0 30	21 46	0 46	13 14	16 23	16 37	17 2	20 6	9 16	0 26			
T 13	3 18	1 45	4 27	4 12	1 0	17 6	1 56	9 59	0 0	3 12	1 35	22 44	0 44	21 14	0 30	21 46	0 46	13 14	16 23	16 34	17 1	20 6	9 17	0 26			
W14	2 55	2s59	3 43	5 1	1 13	16 57	1 50	10 15	0n 0	3 9	1 35	22 44	0 44	21 14	0 30	21 45	0 46	13 13	16 23	16 31	17 0	20 6	9 18	0 26			
T 15	2 31	7 39	2 46	5 47	1 26	16 46	1 45	10 32	0 1	3 6	1 36	22 44	0 43	21 13	0 30	21 45	0 46	13 12	16 23	16 30	16 59	20 6	9 20	0 26			
F 16	2 7	11 57	1 37	6 30	1 39	16 36	1 39	10 48	0 2	3 3	1 36	22 44	0 43	21 13	0 30	21 45	0 46	13 12	16 23	16 28	16 58	20 7	9 21	0 26			
S 17	1 44	15 35	0 22	7 12	1 52	16 25	1 33	11 4	0 3	3 0	1 36	22 44	0 43	21 12	0 30	21 45	0 46	13 11	16 23	16 28	16 57	20 7	9 22	0 26			
S 18	1 20	18 17	0n55	7 50	2 4	16 13	1 28	11 21	0 3	2 58	1 36	22 45	0 43	21 12	0 30	21 45	0 46	13 10	16 23	16 28	16 56	20 7	9 23	0 26			
M19	0 56	19 50	2 8	8 25	2 16	16 1	1 22	11 37	0 4	2 55	1 36	22 45	0 43	21 12	0 30	21 45	0 46	13 10	16 23	16 28	16 56	20 7	9 24	0 26			
T 20	0 33	20 7	3 13	8 57	2 27	15 48	1 17	11 52	0 5	2 52	1 36	22 45	0 43	21 11	0 30	21 45	0 46	13 9	16 23	16 29	16 55	20 7	9 25	0 26			
W21	0 9	19 7	4 6	9 25	2 38	15 35	1 11	12 8	0 5	2 49	1 36	22 45	0 42	21 11	0 30	21 44	0 46	13 9	16 23	16 29	16 54	20 7	9 27	0 26			
T 22	0n15	16 59	4 44	9 50	2 47	15 22	1 6	12 24	0 6	2 46	1 36	22 45	0 42	21 10	0 30	21 44	0 46	13 8	16 23	16 28	16 53	20 7	9 28	0 26			
F 23	0 38	13 53	5 5	10 11	2 56	15 8	1 1	12 39	0 7	2 43	1 36	22 46	0 42	21 10	0 30	21 44	0 46	13 7	16 23	16 27	16 52	20 7	9 29	0 25			
S 24	1 2	10 4	5 8	10 28	3 4	14 53	0 55	12 55	0 8	2 40	1 36	22 46	0 42	21 10	0 30	21 44	0 46	13 7	16 23	16 25	16 51	20 7	9 30	0 25			
S 25	1 26	5 47	4 54	10 41	3 10	14 39	0 50	13 10	0 8	2 37	1 36	22 46	0 42	21 9	0 30	21 44	0 46	13 6	16 23	16 23	16 50	20 7	9 32	0 25			
M26	1 49	1 17	4 24	10 50	3 15	14 23	0 45	13 25	0 9	2 34	1 36	22 46	0 42	21 9	0 30	21 44	0 46	13 6	16 23	16 21	16 49	20 7	9 33	0 25			
T 27	2 13	3n12	3 41	10 54	3 19	14 7	0 40	13 40	0 10	2 31	1 36	22 46	0 41	21 9	0 30	21 44	0 46	13 5	16 23	16 19	16 48	20 7	9 34	0 25			
W28	2 36	7 27	2 47	10 55	3 22	13 51	0 35	13 55	0 10	2 27	1 36	22 46	0 41	21 8	0 30	21 44	0 46	13 5	16 23	16 18	16 47	20 7	9 35	0 25			
T 29	3 0	11 18	1 46	10 51	3 22	13 35	0 30	14 10	0 11	2 24	1 36	22 47	0 41	21 8	0 30	21 44	0 46	13 4	16 23	16 17	16 46	20 7	9 37	0 25			
F 30	3 23	14 35	0 41	10 43	3 22	13 18	0 25	14 25	0 12	2 21	1 36	22 47	0 41	21 8	0 30	21 43	0 46	13 3	16 23	16 16	16 46	20 7	9 38	0 25			
S 31	3n46	17n11	0s25	10n32	3n19	13s 0	0n20	14n39	0n12	2s18	1n36	22n47	0s41	21s 7	0s30	21s43	0n46	13s 3	16s23	16s16	16s45	20n 7	9n39	0n25			

ASTRODIENST EPHEMERIS for the year 1827

geocentric

MAY 1827

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 32 36	9♂49'43	3♂12	13♂32	29♂57	0♂42	5♂58	2♂18	28♂13	16♂9	5♂40	14♂24	14♂43	17♂17	25♂47	T 1
W 2	14 36 32	10°47'54	15° 4	14°23	1♂ 7	1°23	5♂53	2°24	28°13	16♂9	5°41	14°24	14°40	17°23	25°51	W 2
T 3	14 40 29	11°46'03	27° 3	15°17	2°17	2° 5	5°48	2°30	28°13	16° 8	5°42	14°24	14°37	17°30	25°54	T 3
F 4	14 44 26	12°44'10	9♂15	16°15	3°27	2°46	5°43	2°36	28°13	16° 8	5°44	14°R24	14°33	17°37	25°58	F 4
S 5	14 48 22	13°42'14	21°42	17°15	4°37	3°28	5°38	2°42	28°13	16° 8	5°45	14°24	14°30	17°43	26° 2	S 5
S 6	14 52 19	14°40'17	4♂30	18°19	5°47	4° 9	5°33	2°48	28°13	16° 7	5°46	14°D24	14°27	17°50	26° 5	S 6
M 7	14 56 15	15°38'18	17°42	19°25	6°57	4°50	5°28	2°54	28°13	16° 6	5°47	14°25	14°24	17°57	26° 9	M 7
T 8	15 0 12	16°36'17	1♂19	20°34	8° 7	5°32	5°24	3° 0	28°13	16° 6	5°48	14°25	14°21	18° 3	26°12	T 8
W 9	15 4 8	17°34'14	15°23	21°45	9°17	6°13	5°20	3° 6	28°13	16° 5	5°50	14°25	14°18	18°10	26°16	W 9
T 10	15 8 5	18°32'09	29°50	23° 0	10°28	6°54	5°16	3°12	28°12	16° 5	5°51	14°25	14°14	18°17	26°20	T 10
F 11	15 12 1	19°30'03	14♂38	24°16	11°38	7°35	5°12	3°19	28°12	16° 4	5°52	14°R25	14°11	18°23	26°23	F 11
S 12	15 15 58	20°27'55	29°38	25°35	12°48	8°17	5° 8	3°25	28°12	16° 3	5°53	14°25	14° 8	18°30	26°27	S 12
S 13	15 19 55	21°25'46	14♂42	26°57	13°59	8°58	5° 5	3°32	28°11	16° 2	5°54	14°25	14° 5	18°37	26°30	S 13
M14	15 23 51	22°23'36	29°42	28°20	15° 9	9°39	5° 1	3°38	28°11	16° 2	5°55	14°24	14° 2	18°43	26°34	M14
T 15	15 27 48	23°21'24	14♂29	29°46	16°20	10°20	4°58	3°45	28°10	16° 1	5°56	14°23	13°58	18°50	26°37	T 15
W16	15 31 44	24°19'11	28°58	1♂15	17°30	11° 1	4°55	3°51	28° 9	16° 0	5°57	14°22	13°55	18°57	26°40	W16
T 17	15 35 41	25°16'57	13♂5	2°46	18°41	11°42	4°52	3°58	28° 9	15°59	5°58	14°21	13°52	19° 3	26°44	T 17
F 18	15 39 37	26°14'42	26°48	4°19	19°51	12°23	4°49	4° 5	28° 8	15°58	5°59	14°D21	13°49	19°10	26°47	F 18
S 19	15 43 34	27°12'25	10♂9	5°54	21° 2	13° 4	4°47	4°11	28° 7	15°57	6° 0	14°21	13°46	19°17	26°51	S 19
S 20	15 47 30	28°10'08	23° 8	7°31	22°13	13°44	4°44	4°18	28° 7	15°56	6° 1	14°22	13°43	19°23	26°54	S 20
M21	15 51 27	29° 7'49	5♂50	9°11	23°24	14°25	4°42	4°25	28° 6	15°56	6° 2	14°23	13°39	19°30	26°57	M21
T 22	15 55 24	0♂5'30	18°16	10°53	24°35	15° 6	4°40	4°32	28° 5	15°55	6° 3	14°25	13°36	19°37	27° 1	T 22
W23	15 59 20	1° 3'09	0♂29	12°37	25°46	15°47	4°38	4°39	28° 4	15°54	6° 4	14°26	13°33	19°43	27° 4	W23
T 24	16 3 17	2° 0'47	12°34	14°23	26°56	16°27	4°37	4°46	28° 3	15°52	6° 5	14°R26	13°30	19°50	27° 7	T 24
F 25	16 7 13	2°58'24	24°31	16°12	28° 7	17° 8	4°35	4°53	28° 2	15°51	6° 6	14°26	13°27	19°57	27°10	F 25
S 26	16 11 10	3°56'01	6♂23	18° 2	29°18	17°49	4°34	5° 0	28° 1	15°50	6° 7	14°25	13°23	20° 3	27°13	S 26
S 27	16 15 6	4°53'35	18°12	19°55	0♂29	18°29	4°33	5° 7	28° 0	15°49	6° 8	14°22	13°20	20°10	27°17	S 27
M28	16 19 3	5°51'09	0♂1	21°50	1°41	19°10	4°32	5°14	27°59	15°48	6° 9	14°19	13°17	20°17	27°20	M28
T 29	16 22 59	6°48'42	11°52	23°48	2°52	19°50	4°31	5°21	27°58	15°47	6°10	14°16	13°14	20°24	27°23	T 29
W30	16 26 56	7°46'13	23°46	25°47	4° 3	20°31	4°31	5°28	27°56	15°46	6°10	14°12	13°11	20°30	27°26	W30
T 31	16 30 53	8♂43'43	5♂48	27♂48	5♂14	21♂11	4♂30	5♂36	27♂55	15♂45	6♂11	14♂9	13♂8	20♂37	27♂29	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	14n46	19n26	3s59	2n46	2s48	1s23	1s30	20n49	0n31	0s56	1n34	22n50	0s36	21s 3	0s31	21s42
W 2	15 5	18 1	4 37	3 2	2 52	0 58	1 32	20 58	0 31	0 55	1 33	22 50	0 36	21 3	0 32	21 43
T 3	15 23	15 48	5 3	3 19	2 56	0 32	1 34	21 7	0 32	0 53	1 33	22 51	0 36	21 3	0 32	21 43
F 4	15 40	12 52	5 16	3 38	3 0	0 6	1 36	21 16	0 32	0 51	1 33	22 51	0 36	21 3	0 32	21 43
S 5	15 58	9 18	5 15	3 59	3 2	0n20	1 38	21 24	0 33	0 49	1 33	22 51	0 35	21 3	0 32	21 43
S 6	16 15	5 14	4 59	4 21	3 4	0 47	1 39	21 32	0 33	0 47	1 33	22 51	0 35	21 3	0 32	21 43
M 7	16 32	0 47	4 26	4 45	3 5	1 13	1 41	21 41	0 34	0 46	1 32	22 51	0 35	21 3	0 32	21 43
T 8	16 49	3s51	3 37	5 10	3 6	1 39	1 43	21 48	0 34	0 44	1 32	22 51	0 35	21 3	0 32	21 43
W 9	17 5	8 26	2 35	5 37	3 6	2 5	1 44	21 56	0 35	0 43	1 32	22 51	0 35	21 3	0 32	21 43
T 10	17 21	12 41	1 20	6 5	3 5	2 32	1 45	22 4	0 35	0 41	1 32	22 51	0 35	21 3	0 32	21 43
F 11	17 37	16 13	0 1	6 34	3 3	2 58	1 47	22 11	0 36	0 40	1 32	22 50	0 35	21 4	0 32	21 43
S 12	17 53	18 44	1 24	7 5	3 1	3 24	1 48	22 18	0 36	0 39	1 31	22 50	0 34	21 4	0 32	21 43
S 13	18 8	19 55	2 40	7 37	2 59	3 51	1 49	22 25	0 37	0 38	1 31	22 50	0 34	21 4	0 32	21 43
M14	18 23	19 42	3 46	8 10	2 55	4 17	1 50	22 32	0 37	0 36	1 31	22 50	0 34	21 4	0 32	21 43
T 15	18 38	18 7	4 35	8 43	2 52	4 43	1 51	22 38	0 38	0 35	1 31	22 50	0 34	21 4	0 32	21 43
W16	18 52	15 23	5 6	9 18	2 47	5 9	1 52	22 45	0 38	0 34	1 30	22 50	0 34	21 4	0 32	21 43
T 17	19 6	11 50	5 17	9 54	2 42	5 36	1 52	22 51	0 39	0 33	1 30	22 50	0 34	21 4	0 32	21 43
F 18	19 20	7 44	5 10	10 30	2 37	6 2	1 53	22 57	0 39	0 33	1 30	22 50	0 34	21 5	0 32	21 44
S 19	19 33	3 21	4 46	11 7	2 31	6 28	1 53	23 2	0 40	0 32	1 30	22 50	0 34	21 5	0 32	21 44
S 20	19 46	1n 4	4 8	11 45	2 24	6 54	1 54	23 8	0 40	0 31	1 29	22 50	0 33	21 5	0 32	21 44
M21	19 59	5 21	3 18	12 24	2 17	7 20	1 54	23 13	0 41	0 30	1 29	22 50	0 33	21 5	0 32	21 44
T 22	20 11	9 19	2 20	13 3	2 10	7 45	1 55	23 18	0 41	0 30	1 29	22 50	0 33	21 5	0 32	21 44
W23	20 23	12 51	1 16	13 42	2 2	8 11	1 55	23 23	0 41	0 29	1 29	22 50	0 33	21 6	0 32	21 44
T 24	20 35	15 47	0 10	14 22	1 54	8 36	1 55	23 28	0 42	0 29	1 28	22 49	0 33	21 6	0 32	21 44
F 25	20 46	18 1	0s55	15 1	1 45	9 2	1 55	23 32	0 42	0 28	1 28	22 49	0 33	21 6	0 32	21 44
S 26	20 57	19 27	1 58	15 41	1 36	9 27	1 55	23 37	0 43	0 28	1 28	22 49	0 33	21 6	0 32	21 44
S 27	21 8	20 1	2 56	16 21	1 26	9 52	1 55	23 41	0 43	0 28	1 28	22 49	0 33	21 6	0 32	21 45
M28	21 18	19 42	3 46	17 1	1 16	10 17	1 54	23 45	0 44	0 28	1 27	22 49	0 33	21 7	0 32	21 45
T 29	21 28	18 31	4 26	17 40	1 6	10 41	1 54	23 48	0 44	0 28	1 27	22 49	0 32	21 7	0 32	21 45
W30	21 37	16 32	4 55	18 19	0 56	11 6	1 54	23 52	0 45	0 28	1 27	22 48	0 32	21 7	0 32	21 45
T 31	21n47	13n49	5s11	18n57	0s45	11n30	1s53	23n55	0n45	0s28	1n27	22n48	0s32	21s 8	0s32	21s45

Julian Day Number = 2388477.5, Delta T = 12.52 sec
 Ecliptic obliquity = 23°27'36, Nutation = 0°00'11, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°19'45, Lahiri = 21°26'46

ASTRODIENST EPHEMERIS for the year 1827

geocentric

JUNE 1827

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 34 49	9II41'12	18♂ 0	29♂51	6♂25	21II52	4°R30	5♂43	27°R54	15°R43	6♂12	14°R 6	13♂ 4	20II44	27♂32	F 1
S 2	16 38 46	10°38'39	0♂26	1II56	7°37	22°32	4°D30	5°50	27♂52	15♂42	6°13	14♂ 4	13° 1	20°50	27°35	S 2
S 3	16 42 42	11°36'05	13°10	4° 2	8°48	23°12	4♂30	5°58	27°51	15°41	6°13	14°D 4	12°58	20°57	27°38	S 3
M 4	16 46 39	12°33'30	26°16	6°10	9°59	23°53	4°30	6° 5	27°50	15°40	6°14	14° 5	12°55	21° 4	27°41	M 4
T 5	16 50 35	13°30'54	9♂46	8°20	11°10	24°33	4°31	6°12	27°48	15°38	6°15	14° 6	12°52	21°10	27°44	T 5
W 6	16 54 32	14°28'17	23°42	10°30	12°22	25°13	4°32	6°20	27°47	15°37	6°16	14° 7	12°49	21°17	27°46	W 6
T 7	16 58 28	15°25'38	8♂ 5	12°41	13°33	25°53	4°32	6°27	27°45	15°36	6°16	14°R 8	12°45	21°24	27°49	T 7
F 8	17 2 25	16°22'59	22°51	14°53	14°45	26°33	4°34	6°35	27°43	15°34	6°17	14° 8	12°42	21°30	27°52	F 8
S 9	17 6 22	17°20'19	7♂56	17° 5	15°56	27°13	4°35	6°42	27°42	15°33	6°17	14° 7	12°39	21°37	27°55	S 9
S 10	17 10 18	18°17'38	23°10	19°17	17° 8	27°53	4°36	6°50	27°40	15°32	6°18	14° 3	12°36	21°44	27°57	S 10
M 11	17 14 15	19°14'56	8♂24	21°29	18°19	28°33	4°38	6°57	27°39	15°30	6°19	13°59	12°33	21°50	28° 0	M 11
T 12	17 18 11	20°12'14	23°28	23°40	19°31	29°13	4°39	7° 5	27°37	15°29	6°19	13°54	12°29	21°57	28° 3	T 12
W 13	17 22 8	21° 9'31	8♂12	25°50	20°43	29°53	4°41	7°13	27°35	15°27	6°20	13°49	12°26	22° 4	28° 5	W 13
T 14	17 26 4	22° 6'48	22°31	28° 0	21°54	0♂33	4°44	7°20	27°33	15°26	6°20	13°45	12°23	22°10	28° 8	T 14
F 15	17 30 1	23° 4'04	6♂22	0♂ 8	23° 6	1°13	4°46	7°28	27°31	15°24	6°21	13°42	12°20	22°17	28°10	F 15
S 16	17 33 57	24° 1'20	19°45	2°15	24°18	1°53	4°48	7°35	27°30	15°23	6°21	13°D41	12°17	22°24	28°13	S 16
S 17	17 37 54	24°58'36	2♂42	4°20	25°29	2°33	4°51	7°43	27°28	15°22	6°22	13°41	12°14	22°30	28°15	S 17
M 18	17 41 51	25°55'51	15°18	6°24	26°41	3°13	4°54	7°51	27°26	15°20	6°22	13°42	12°10	22°37	28°17	M 18
T 19	17 45 47	26°53'07	27°36	8°25	27°53	3°52	4°57	7°59	27°24	15°18	6°23	13°43	12° 7	22°44	28°20	T 19
W 20	17 49 44	27°50'22	9♂41	10°25	29° 5	4°32	5° 0	8° 6	27°22	15°17	6°23	13°R44	12° 4	22°50	28°22	W 20
T 21	17 53 40	28°47'37	21°37	12°23	0II17	5°12	5° 3	8°14	27°20	15°15	6°23	13°44	12° 1	22°57	28°24	T 21
F 22	17 57 37	29°44'52	3II27	14°19	1°29	5°52	5° 6	8°22	27°18	15°14	6°24	13°42	11°58	23° 4	28°27	F 22
S 23	18 1 33	0♂42'06	15°16	16°12	2°41	6°31	5°10	8°30	27°16	15°12	6°24	13°38	11°55	23°10	28°29	S 23
S 24	18 5 30	1°39'21	27° 4	18° 4	3°53	7°11	5°14	8°37	27°14	15°11	6°24	13°32	11°51	23°17	28°31	S 24
M 25	18 9 26	2°36'35	8♂56	19°53	5° 5	7°50	5°18	8°45	27°12	15° 9	6°25	13°24	11°48	23°24	28°33	M 25
T 26	18 13 23	3°33'49	20°51	21°40	6°17	8°30	5°22	8°53	27°10	15° 8	6°25	13°14	11°45	23°30	28°35	T 26
W 27	18 17 20	4°31'02	2♂52	23°25	7°29	9°10	5°26	9° 1	27° 7	15° 6	6°25	13° 5	11°42	23°37	28°37	W 27
T 28	18 21 16	5°28'15	15° 0	25° 8	8°41	9°49	5°31	9° 8	27° 5	15° 4	6°25	12°56	11°39	23°44	28°39	T 28
F 29	18 25 13	6°25'28	27°19	26°48	9°53	10°29	5°35	9°16	27° 3	15° 3	6°25	12°48	11°35	23°51	28°41	F 29
S 30	18 29 9	7♂22'40	9♂48	28♂27	11II 6	11♂ 8	5♂40	9♂24	27♂ 1	15♂ 1	6♂26	12♂43	11♂32	23II57	28♂43	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	21n55	10n28	5s13	19n35	0s34	11n54	1s53	23n58	0n45	0s28	1n26	22n48	0s32	21s 8	0s32	F 1
S 2	22 4	6 37	5 2	20 11	0 24	12 18	1 52	24 1	0 46	0 28	1 26	22 48	0 32	21 8	0 32	S 2
S 3	22 12	2 23	4 35	20 46	0 13	12 41	1 51	24 3	0 46	0 29	1 26	22 48	0 32	21 8	0 33	S 3
M 4	22 19	2s 5	3 53	21 19	0 2	13 5	1 50	24 6	0 47	0 29	1 26	22 47	0 32	21 9	0 33	M 4
T 5	22 26	6 35	2 57	21 51	0n 9	13 28	1 49	24 8	0 47	0 29	1 25	22 47	0 32	21 9	0 33	T 5
W 6	22 33	10 54	1 50	22 21	0 19	13 50	1 48	24 10	0 47	0 30	1 25	22 47	0 32	21 9	0 33	W 6
T 7	22 40	14 44	0 33	22 49	0 29	14 13	1 47	24 12	0 48	0 30	1 25	22 47	0 31	21 10	0 33	T 7
F 8	22 46	17 44	0n48	23 15	0 39	14 35	1 46	24 13	0 48	0 31	1 25	22 46	0 31	21 10	0 33	F 8
S 9	22 51	19 34	2 7	23 39	0 49	14 57	1 45	24 14	0 49	0 32	1 24	22 46	0 31	21 10	0 33	S 9
S 10	22 57	20 0	3 17	23 59	0 58	15 18	1 44	24 16	0 49	0 33	1 24	22 46	0 31	21 11	0 33	S 10
M 11	23 1	18 58	4 14	24 18	1 7	15 39	1 43	24 16	0 49	0 34	1 24	22 46	0 31	21 11	0 33	M 11
T 12	23 6	16 37	4 52	24 33	1 15	16 0	1 41	24 17	0 50	0 34	1 24	22 45	0 31	21 11	0 33	T 12
W 13	23 10	13 14	5 10	24 46	1 22	16 20	1 40	24 18	0 50	0 35	1 23	22 45	0 31	21 12	0 33	W 13
T 14	23 13	9 10	5 8	24 56	1 29	16 40	1 38	24 18	0 51	0 37	1 23	22 45	0 31	21 12	0 33	T 14
F 15	23 17	4 44	4 47	25 2	1 35	17 0	1 37	24 18	0 51	0 38	1 23	22 44	0 31	21 13	0 33	F 15
S 16	23 19	0 12	4 12	25 7	1 40	17 19	1 35	24 18	0 51	0 39	1 23	22 44	0 31	21 13	0 33	S 16
S 17	23 22	4n12	3 24	25 8	1 45	17 38	1 34	24 18	0 52	0 40	1 22	22 44	0 30	21 13	0 33	S 17
M 18	23 24	8 19	2 28	25 7	1 49	17 57	1 32	24 17	0 52	0 41	1 22	22 43	0 30	21 14	0 33	M 18
T 19	23 25	11 58	1 27	25 3	1 52	18 15	1 30	24 16	0 52	0 43	1 22	22 43	0 30	21 14	0 33	T 19
W 20	23 27	15 4	0 22	24 57	1 54	18 32	1 28	24 16	0 53	0 44	1 22	22 43	0 30	21 15	0 33	W 20
T 21	23 27	17 30	0s43	24 48	1 56	18 49	1 26	24 14	0 53	0 46	1 21	22 42	0 30	21 15	0 33	T 21
F 22	23 28	19 9	1 45	24 38	1 57	19 6	1 24	24 13	0 53	0 47	1 21	22 42	0 30	21 15	0 33	F 22
S 23	23 27	19 58	2 42	24 25	1 57	19 22	1 23	24 12	0 54	0 49	1 21	22 41	0 30	21 16	0 33	S 23
S 24	23 27	19 54	3 32	24 10	1 57	19 38	1 20	24 10	0 54	0 51	1 21	22 41	0 30	21 16	0 33	S 24
M 25	23 26	18 57	4 13	23 53	1 56	19 53	1 18	24 8	0 54	0 53	1 20	22 41	0 30	21 17	0 33	M 25
T 26	23 25	17 10	4 43	23 35	1 54	20 7	1 16	24 6	0 55	0 55	1 20	22 40	0 30	21 17	0 33	T 26
W 27	23 23	14 39	5 1	23 15	1 51	20 22	1 14	24 3	0 55	0 56	1 20	22 40	0 30	21 18	0 33	W 27
T 28	23 21	11 28	5 6	22 54	1 48	20 35	1 12	24 1	0 56	0 58	1 20	22 39	0 29	21 18	0 33	T 28
F 29	23 18	7 46	4 57	22 31	1 44	20 48	1 10	23 58	0 56	1 0	1 19	22 39	0 29	21 18	0 33	F 29
S 30	23n15	3n41	4s33	22n 7	1n40	21n 1	1s 7	23n55	0n56	1s 3	1n19	22n38	0s29	21s19	0s33	S 30

Julian Day Number = 2388508.5, Delta T = 12.46 sec

Ecliptic obliquity = 23°27'35, Nutation = 0°00'11, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 22°19'49, Lahiri = 21°26'50

ASTRODIENST EPHEMERIS for the year 1827

geocentric

JULY 1827

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 33 6	8°19'52	22°13'33	0°03 3	12°11'18	11°54'47	5°45'45	9°53'32	26°R59	15°R 0	6°V26	12°R40	11°M29	24°II 4	28°V44	S 1
M 2	18 37 2	9°17'04	5°43'35	1°37	13°30	12°27	5°50	9°40	26°35'56	14°35'58	6°26	12°D38	11°26	24°11	28°46	M 2
T 3	18 40 59	10°14'16	18°59	3° 8	14°42	13° 6	5°55	9°47	26°54	14°56	6°26	12°M38	11°23	24°17	28°48	T 3
W 4	18 44 55	11°11'27	2°14'45	4°38	15°55	13°45	6° 0	9°55	26°52	14°55	6°26	12°39	11°20	24°24	28°49	W 4
T 5	18 48 52	12° 8'38	16°56	6° 5	17° 7	14°25	6° 6	10° 3	26°50	14°53	6°26	12°R39	11°16	24°31	28°51	T 5
F 6	18 52 49	13° 5'49	1°17'31	7°30	18°19	15° 4	6°12	10°11	26°47	14°52	6°26	12°38	11°13	24°37	28°53	F 6
S 7	18 56 45	14° 2'59	16°26	8°52	19°32	15°43	6°17	10°19	26°45	14°50	6°R26	12°35	11°10	24°44	28°54	S 7
S 8	19 0 42	15° 0'10	1°33'35	10°12	20°44	16°22	6°23	10°26	26°43	14°48	6°26	12°29	11° 7	24°51	28°55	S 8
M 9	19 4 38	15°57'21	16°48	11°30	21°57	17° 2	6°29	10°34	26°40	14°47	6°26	12°21	11° 4	24°57	28°57	M 9
T 10	19 8 35	16°54'32	1°55'54	12°45	23° 9	17°41	6°36	10°42	26°38	14°45	6°26	12°11	11° 1	25° 4	28°58	T 10
W11	19 12 31	17°51'43	16°44	13°58	24°22	18°20	6°42	10°50	26°36	14°43	6°26	12° 2	10°57	25°11	29° 0	W11
T 12	19 16 28	18°48'55	1°11'11	15° 8	25°34	18°59	6°48	10°58	26°33	14°42	6°26	11°54	10°54	25°17	29° 1	T 12
F 13	19 20 25	19°46'07	15° 9	16°16	26°47	19°38	6°55	11° 5	26°31	14°40	6°26	11°47	10°51	25°24	29° 2	F 13
S 14	19 24 21	20°43'20	28° 37	17°21	28° 0	20°17	7° 2	11°13	26°28	14°39	6°26	11°43	10°48	25°31	29° 3	S 14
S 15	19 28 18	21°40'33	11°V37	18°23	29°12	20°56	7° 9	11°21	26°26	14°37	6°26	11°41	10°45	25°37	29° 4	S 15
M16	19 32 14	22°37'47	24°13	19°22	0°52'25	21°35	7°16	11°28	26°24	14°35	6°25	11°D41	10°41	25°44	29° 5	M16
T 17	19 36 11	23°35'02	6°B30	20°18	1°38	22°14	7°23	11°36	26°21	14°34	6°25	11°R41	10°38	25°51	29° 6	T 17
W18	19 40 7	24°32'17	18°32	21°11	2°51	22°53	7°30	11°44	26°19	14°32	6°25	11°41	10°35	25°57	29° 7	W18
T 19	19 44 4	25°29'34	0°II25	22° 1	4° 3	23°32	7°37	11°52	26°16	14°31	6°25	11°39	10°32	26° 4	29° 8	T 19
F 20	19 48 0	26°26'51	12°14	22°47	5°16	24°11	7°45	11°59	26°14	14°29	6°24	11°36	10°29	26°11	29° 9	F 20
S 21	19 51 57	27°24'08	24° 2	23°30	6°29	24°50	7°53	12° 7	26°12	14°27	6°24	11°29	10°26	26°18	29°10	S 21
S 22	19 55 54	28°21'27	5°55'53	24° 9	7°42	25°29	8° 0	12°14	26° 9	14°26	6°24	11°20	10°22	26°24	29°10	S 22
M23	19 59 50	29°18'46	17°49	24°44	8°55	26° 8	8° 8	12°22	26° 7	14°24	6°24	11° 9	10°19	26°31	29°11	M23
T 24	20 3 47	0°16'06	29°53	25°15	10° 8	26°47	8°16	12°30	26° 4	14°23	6°23	10°56	10°16	26°38	29°12	T 24
W25	20 7 43	1°13'27	12°12 4	25°42	11°21	27°25	8°24	12°37	26° 2	14°21	6°23	10°42	10°13	26°44	29°12	W25
T 26	20 11 40	2°10'48	24°25	26° 4	12°34	28° 4	8°33	12°45	26° 0	14°20	6°22	10°30	10°10	26°51	29°13	T 26
F 27	20 15 36	3° 8'10	6°11'55	26°22	13°47	28°43	8°41	12°52	25°57	14°18	6°22	10°19	10° 7	26°58	29°13	F 27
S 28	20 19 33	4° 5'32	19°36	26°36	15° 1	29°22	8°49	13° 0	25°55	14°17	6°22	10°10	10° 3	27° 4	29°13	S 28
S 29	20 23 29	5° 2'55	2°12'29	26°44	16°14	0°0 0	8°58	13° 7	25°52	14°15	6°21	10° 5	10° 0	27°11	29°14	S 29
M30	20 27 26	6° 0'18	15°37	26°R48	17°27	0°39	9° 7	13°15	25°50	14°14	6°21	10° 2	9°57	27°18	29°14	M30
T 31	20 31 22	6°15'43	29°12 0	26°14'46	18°54'40	1°12'18	9°16	13°22	25°38	14°12	6°V20	10°M 1	9°M54	27°II24	29°V14	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
S 1	23n12	0s39	3s56	21n42	1n35	21n13	1s 5	23n52	0n56	1s 5	1n19	22n38	0s29	21s19	0s33	21s50	0n47	12s49	16s46	15s39	15s17	19n51	11n19	0n19			
M 2	23 8	5 3	3 5	21 16	1 29	21 24	1 3	23 49	0 57	1 7	1 19	22 37	0 29	21 20	0 33	21 50	0 47	12 49	16 46	15 39	15 16	19 50	11 20	0 19			
T 3	23 4	9 20	2 3	20 49	1 23	21 35	1 0	23 46	0 57	1 9	1 18	22 37	0 29	21 20	0 33	21 51	0 47	12 50	16 46	15 39	15 15	19 50	11 21	0 18			
W 4	22 59	13 16	0 53	20 22	1 17	21 45	0 58	23 42	0 57	1 12	1 18	22 36	0 29	21 21	0 33	21 51	0 47	12 50	16 47	15 39	15 14	19 50	11 21	0 18			
T 5	22 54	16 33	0n23	19 53	1 9	21 55	0 56	23 38	0 58	1 14	1 18	22 36	0 29	21 21	0 33	21 51	0 47	12 50	16 47	15 39	15 14	19 49	11 22	0 18			
F 6	22 49	18 52	1 39	19 24	1 2	22 4	0 53	23 34	0 58	1 16	1 18	22 35	0 29	21 22	0 33	21 51	0 47	12 51	16 47	15 39	15 13	19 49	11 22	0 18			
S 7	22 43	19 57	2 50	18 55	0 54	22 12	0 51	23 30	0 58	1 19	1 17	22 35	0 29	21 22	0 33	21 51	0 47	12 51	16 48	15 38	15 12	19 48	11 23	0 18			
S 8	22 37	19 37	3 50	18 25	0 45	22 20	0 48	23 25	0 58	1 21	1 17	22 34	0 29	21 23	0 33	21 51	0 47	12 51	16 48	15 36	15 11	19 48	11 23	0 18			
M 9	22 30	17 52	4 34	17 55	0 36	22 27	0 46	23 21	0 59	1 24	1 17	22 34	0 29	21 23	0 33	21 52	0 47	12 52	16 49	15 33	15 10	19 48	11 24	0 18			
T 10	22 23	14 54	4 59	17 25	0 27	22 34	0 43	23 16	0 59	1 27	1 17	22 33	0 28	21 23	0 33	21 52	0 47	12 52	16 49	15 30	15 9	19 47	11 24	0 18			
W11	22 16	11 1	5 2	16 55	0 17	22 40	0 41	23 11	0 59	1 29	1 16	22 33	0 28	21 24	0 33	21 52	0 47	12 52	16 49	15 28	15 8	19 47	11 24	0 18			
T 12	22 8	6 36	4 47	16 25	0 6	22 45	0 38	23 6	1 0	1 32	1 16	22 32	0 28	21 24	0 33	21 52	0 47	12 53	16 50	15 25	15 7	19 46	11 25	0 18			
F 13	22 0	1 57	4 14	15 54	0s 4	22 50	0 35	23 1	1 0	1 35	1 16	22 32	0 28	21 25	0 33	21 52	0 47	12 53	16 50	15 23	15 6	19 46	11 25	0 18			
S 14	21 52	2n38	3 28	15 24	0 15	22 54	0 33	22 55	1 0	1 38	1 16	22 31	0 28	21 25	0 33	21 53	0 47	12 53	16 50	15 22	15 5	19 46	11 25	0 18			
S 15	21 43	6 57	2 33	14 55	0 27	22 57	0 30	22 49	1 0	1 41	1 16	22 31	0 28	21 26	0 33	21 53	0 47	12 54	16 51	15 21	15 4	19 45	11 26	0 18			
M16	21 34	10 49	1 32	14 25	0 38	23 0	0 28	22 44	1 1	1 44	1 15	22 30	0 28	21 26	0 33	21 53	0 47	12 54	16 51	15 21	15 3	19 45	11 26	0 18			
T 17	21 24	14 8	0 28	13 56	0 50	23 2	0 25	22 38	1 1	1 47	1 15	22 29	0 28	21 27	0 33	21 53	0 47	12 55	16 51	15 21	15 2	19 44	11 26	0 18			
W18	21 14	16 46	0s36	13 28	1 3	23 3	0 22	22 31	1 1	1 50	1 15	22 29	0 28	21 27	0 33	21 53	0 47	12 55	16 52	15 21	15 1	19 44	11 27	0 18			
T 19	21 4	18 40	1 38	13 0	1 15	23 4	0 20	22 25	1 1	1 53	1 15	22 28	0 28	21 28	0 33	21 54	0 47	12 55	16 52	15 21	15 0	19 44	11 27	0 17			
F 20	20 53	19 43	2 35	12 33	1 28	23 4	0 17	22 18	1 2	1 56	1 15	22 28	0 28	21 28	0 33	21 54	0 47	12 56	16 53	15 19	14 59	19 43	11 27	0 17			
S 21	20 42	19 55	3 25	12 7	1 41	23 4	0 14	22 12	1 2	1 59	1 14	22 27	0 28	21 29	0 33	21 54	0 47	12 56	16 53	15 17	14 58	19 43	11 27	0 17			
S 22	20 30	19 14	4 6	11 42	1 54	23 2	0 12	22 5	1 2	2 3	1 14	22 26	0 28	21 29	0 33	21 54	0 47	12 57	16 53	15 15	14 57	19 42	11 28	0 17			
M23	20 19	17 42	4 36	11 18	2 7	23 0	0 9	21 58	1 3	2 6	1 14	22 26	0 27	21 29	0 33	21 54	0 47	12 57	16 54	15 11	14 56	19 42	11 28	0 17			
T 24	20 7	15 23	4 55	10 55	2 20	22 58	0 6	21 51	1 3	2 9	1 14	22 25	0 27	21 30	0 33	21 54	0 47	12 58	16 54	15 7	14 55	19 41	11 28	0 17			
W25	19 54	12 23	5 0	10 34	2 33	22 55	0 4	21 43	1 3	2 13	1 13	22 24	0 27	21 30	0 33	21 55	0 47	12 58	16 54	15 3	14 54	19 41	11 28	0 17			
T 26	19 41	8 48	4 52	10 14	2 46	22 51	0 1	21 36	1 3	2 16	1 13	22 24	0 27	21 31	0 33	21 55	0 47	12 59	16 55	14 59	14 53	19 40	11 28	0 17			
F 27	19 28	4 49	4 29	9 55	2 59	22 46	0n 1	21 28	1 3	2 20	1 13	22 23	0 27	21 31	0 33	21 55	0 47	12 59	16 55	14 56	14 52	19 40	11 28	0 17			
S 28	19 15	0 33	3 53	9 39	3 12	22 41	0 4	21 20	1 4	2 23	1 13	22 23	0 27	21 32	0 33	21 55	0 47	12 59	16 55	14 53	14 51	19 40	11 28	0 17			
S 29	19 1	3s49	3 4	9 24	3 35	22 35	0 6	21 12	1 4	2 27	1 13	22 22	0 27	21 32	0 33	21 55	0 47	13 0	16 56	14 51	14 50	19 39	11 28	0 17			
M30	18 47	8 4	2 5	9 12	3 27	22 28	0 9	21 4	1 4	2 30	1 13	22 21	0 27	21 33	0 33	21 56	0 47	13 0	16 56	14 50	14 49	19 39	11 28	0 17			
T 31	18n33	12s 2	0s58	9n 1	3s48	22n21	0n12	20n56	1n 4	2s34	1n12	22n21	0s27	21s33	0s33	21s56	0n47	13s 1	16s56	14s50	14s48	19n38	11n28	0n17			

ASTRODIENST EPHEMERIS for the year 1827

geocentric

AUGUST 1827

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 35 19	7♏55°07	12♌41	26°R39	19♊53	1♊56	9♊24	13♊29	25°R45	14°R11	6°R20	10°R 1	9♌51	27♏31	29°V14	W 1
T 2	20 39 16	8°52'33	26°41	26♏27	21° 7	2°35	9°33	13°37	25♊43	14♊9	6°V19	10♌0	9°47	27°38	29°14	T 2
F 3	20 43 12	9°49'59	11♌1	26°10	22°20	3°14	9°43	13°44	25°41	14° 8	6°19	9°58	9°44	27°44	29°R15	F 3
S 4	20 47 9	10°47'26	25°39	25°47	23°33	3°52	9°52	13°51	25°38	14° 7	6°18	9°54	9°41	27°51	29°14	S 4
S 5	20 51 5	11°44'53	10♊29	25°20	24°47	4°31	10° 1	13°59	25°36	14° 5	6°17	9°47	9°38	27°58	29°14	S 5
M 6	20 55 2	12°42'22	25°26	24°48	26° 0	5° 9	10°11	14° 6	25°34	14° 4	6°17	9°37	9°35	28° 5	29°14	M 6
T 7	20 58 58	13°39'51	10♊20	24°11	27°14	5°48	10°20	14°13	25°32	14° 2	6°16	9°27	9°32	28°11	29°14	T 7
W 8	21 2 55	14°37'22	25° 2	23°30	28°27	6°26	10°30	14°20	25°29	14° 1	6°16	9°15	9°28	28°18	29°14	W 8
T 9	21 6 52	15°34'53	9♌25	22°47	29°41	7° 5	10°39	14°27	25°27	14° 0	6°15	9° 5	9°25	28°25	29°14	T 9
F 10	21 10 48	16°32'26	23°22	22° 0	0♏54	7°43	10°49	14°34	25°25	13°58	6°14	8°57	9°22	28°31	29°13	F 10
S 11	21 14 45	17°30'00	6°V52	21°11	2° 8	8°22	10°59	14°41	25°23	13°57	6°14	8°52	9°19	28°38	29°13	S 11
S 12	21 18 41	18°27'36	19°55	20°22	3°22	9° 0	11° 9	14°48	25°21	13°56	6°13	8°48	9°16	28°45	29°12	S 12
M13	21 22 38	19°25'13	2♊33	19°32	4°35	9°39	11°19	14°55	25°19	13°55	6°12	8°47	9°13	28°51	29°12	M13
T 14	21 26 34	20°22'52	14°52	18°43	5°49	10°17	11°29	15° 2	25°16	13°53	6°11	8°47	9° 9	28°58	29°11	T 14
W15	21 30 31	21°20'32	26°55	17°56	7° 3	10°56	11°40	15° 9	25°14	13°52	6°11	8°47	9° 6	29° 5	29°11	W15
T 16	21 34 27	22°18'14	8♏49	17°11	8°17	11°34	11°50	15°16	25°12	13°51	6°10	8°46	9° 3	29°11	29°10	T 16
F 17	21 38 24	23°15'57	20°39	16°30	9°30	12°12	12° 0	15°22	25°10	13°50	6° 9	8°43	9° 0	29°18	29° 9	F 17
S 18	21 42 20	24°13'42	2♊29	15°54	10°44	12°51	12°11	15°29	25° 8	13°49	6° 8	8°38	8°57	29°25	29° 9	S 18
S 19	21 46 17	25°11'29	14°23	15°22	11°58	13°29	12°21	15°36	25° 6	13°48	6° 7	8°29	8°53	29°32	29° 8	S 19
M20	21 50 14	26° 9'17	26°26	14°57	13°12	14° 7	12°32	15°42	25° 4	13°46	6° 6	8°19	8°50	29°38	29° 7	M20
T 21	21 54 10	27° 7'06	8♏38	14°39	14°26	14°46	12°43	15°49	25° 2	13°45	6° 6	8° 7	8°47	29°45	29° 6	T 21
W22	21 58 7	28° 4'58	21° 2	14°28	15°40	15°24	12°54	15°55	25° 0	13°44	6° 5	7°55	8°44	29°52	29° 5	W22
T 23	22 2 3	29° 2'50	3♏38	14°D24	16°54	16° 2	13° 5	16° 2	24°59	13°43	6° 4	7°43	8°41	29°58	29° 4	T 23
F 24	22 6 0	0♏44	16°26	14°28	18° 8	16°40	13°16	16° 8	24°57	13°42	6° 3	7°33	8°38	0°5	29° 3	F 24
S 25	22 9 56	0°58'40	29°26	14°40	19°22	17°19	13°27	16°14	24°55	13°41	6° 2	7°25	8°34	0°12	29° 2	S 25
S 26	22 13 53	1°56'37	12♊37	15° 0	20°36	17°57	13°38	16°21	24°53	13°40	6° 1	7°20	8°31	0°18	29° 0	S 26
M27	22 17 49	2°54'35	25°59	15°29	21°50	18°35	13°49	16°27	24°51	13°39	6° 0	7°17	8°28	0°25	28°59	M27
T 28	22 21 46	3°52'35	9♌32	16° 5	23° 4	19°13	14° 0	16°33	24°50	13°38	5°59	7°D17	8°25	0°32	28°58	T 28
W29	22 25 43	4°50'36	23°17	16°49	24°19	19°52	14°11	16°39	24°48	13°38	5°58	7°17	8°22	0°38	28°56	W29
T 30	22 29 39	5°48'39	7♌15	17°40	25°33	20°30	14°23	16°45	24°46	13°37	5°57	7°R18	8°18	0°45	28°55	T 30
F 31	22 33 36	6♏46'42	21♌25	18♏39	26♏47	21♏8	14♊34	16♊51	24♊45	13♊36	5°V56	7♌17	8♌15	0°52	28°V54	F 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	18n18	15s26	0n14	8n53	3s59	22n13	0n14	20n48	1n 5	2s38	1n12	22n20	0s27	21s34	0s33	W 1
T 2	18 3	18 1	1 27	8 48	4 10	22 4	0 17	20 39	1 5	2 41	1 12	22 19	0 27	21 34	0 33	T 2
F 3	17 48	19 32	2 36	8 44	4 19	21 55	0 19	20 30	1 5	2 45	1 12	22 19	0 27	21 34	0 33	F 3
S 4	17 33	19 47	3 36	8 44	4 28	21 45	0 21	20 22	1 5	2 49	1 12	22 18	0 27	21 35	0 33	S 4
S 5	17 17	18 41	4 23	8 46	4 35	21 35	0 24	20 13	1 6	2 53	1 11	22 17	0 27	21 35	0 33	S 5
M 6	17 1	16 17	4 52	8 51	4 41	21 24	0 26	20 3	1 6	2 56	1 11	22 16	0 26	21 36	0 33	M 6
T 7	16 44	12 50	5 1	8 58	4 46	21 12	0 29	19 54	1 6	3 0	1 11	22 16	0 26	21 36	0 33	T 7
W 8	16 28	8 38	4 49	9 8	4 49	21 0	0 31	19 45	1 6	3 4	1 11	22 15	0 26	21 36	0 33	W 8
T 9	16 11	4 2	4 20	9 21	4 51	20 47	0 33	19 35	1 6	3 8	1 11	22 14	0 26	21 37	0 33	T 9
F 10	15 54	0n40	3 36	9 36	4 51	20 33	0 36	19 26	1 7	3 12	1 11	22 14	0 26	21 37	0 33	F 10
S 11	15 36	5 11	2 40	9 53	4 49	20 19	0 38	19 16	1 7	3 16	1 10	22 13	0 26	21 38	0 33	S 11
S 12	15 18	9 19	1 38	10 12	4 45	20 4	0 40	19 6	1 7	3 20	1 10	22 12	0 26	21 38	0 33	S 12
M13	15 1	12 53	0 33	10 33	4 39	19 49	0 42	18 56	1 7	3 24	1 10	22 12	0 26	21 38	0 33	M13
T 14	14 42	15 48	0s32	10 56	4 31	19 33	0 44	18 46	1 7	3 29	1 10	22 11	0 26	21 39	0 33	T 14
W15	14 24	17 57	1 35	11 19	4 22	19 16	0 46	18 35	1 7	3 33	1 10	22 10	0 26	21 39	0 33	W15
T 16	14 5	19 17	2 32	11 43	4 11	18 59	0 48	18 25	1 8	3 37	1 10	22 9	0 26	21 40	0 33	T 16
F 17	13 46	19 46	3 23	12 7	3 58	18 42	0 50	18 14	1 8	3 41	1 9	22 9	0 26	21 40	0 33	F 17
S 18	13 27	19 22	4 4	12 31	3 44	18 24	0 52	18 3	1 8	3 45	1 9	22 8	0 26	21 40	0 33	S 18
S 19	13 8	18 7	4 36	12 55	3 29	18 5	0 54	17 53	1 8	3 50	1 9	22 7	0 26	21 41	0 33	S 19
M20	12 49	16 3	4 55	13 17	3 13	17 46	0 56	17 42	1 8	3 54	1 9	22 7	0 26	21 41	0 33	M20
T 21	12 29	13 16	5 2	13 39	2 56	17 26	0 58	17 31	1 9	3 58	1 9	22 6	0 26	21 41	0 33	T 21
W22	12 9	9 51	4 54	13 59	2 38	17 6	1 0	17 20	1 9	4 3	1 9	22 5	0 25	21 42	0 33	W22
T 23	11 49	5 57	4 32	14 17	2 20	16 45	1 1	17 8	1 9	4 7	1 9	22 5	0 25	21 42	0 33	T 23
F 24	11 29	1 44	3 56	14 34	2 2	16 24	1 3	16 57	1 9	4 11	1 8	22 4	0 25	21 42	0 33	F 24
S 25	11 8	2s38	3 7	14 48	1 44	16 3	1 5	16 45	1 9	4 16	1 8	22 3	0 25	21 43	0 33	S 25
S 26	10 48	6 56	2 7	14 59	1 26	15 41	1 6	16 34	1 9	4 20	1 8	22 2	0 25	21 43	0 33	S 26
M27	10 27	10 58	1 0	15 8	1 8	15 18	1 8	16 22	1 10	4 25	1 8	22 2	0 25	21 43	0 33	M27
T 28	10 6	14 29	0n12	15 14	0 51	14 55	1 9	16 10	1 10	4 29	1 8	22 1	0 25	21 44	0 33	T 28
W29	9 45	17 15	1 24	15 16	0 34	14 32	1 10	15 59	1 10	4 34	1 8	22 0	0 25	21 44	0 33	W29
T 30	9 23	19 1	2 33	15 16	0 18	14 8	1 12	15 47	1 10	4 38	1 8	22 0	0 25	21 44	0 33	T 30
F 31	9n 2	19s38	3n33	15n13	0s 2	13n44	1n13	15n34	1n10	4s43	1n 8	21n59	0s25	21s44	0s33	F 31

Julian Day Number = 2388569.5, Delta T = 12.34 sec
 Ecliptic obliquity = 23°27'35, Nutation = 0°00'12, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°19'58, Lahiri = 21°26'58

ASTRODIENST EPHEMERIS for the year 1827

geocentric

SEPTEMBER 1827

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 37 32	7♎44'48	5♌45	19♏45	28♏1	21♏46	14♏46	16♏57	24°R43	13°R35	5°R55	7°R14	8♎12	0♌59	28°R52	S 1
S 2	22 41 29	8°42'54	20°14	20°57	29°16	22°24	14°57	17° 3	24♌42	13♌34	5°Y54	7♎ 9	8° 9	1° 5	28°Y51	S 2
M 3	22 45 25	9°41'02	4♎46	22°15	0♎30	23° 2	15° 9	17° 9	24°40	13°34	5°53	7° 1	8° 6	1°12	28°49	M 3
T 4	22 49 22	10°39'12	19°16	23°39	1°44	23°40	15°21	17°14	24°39	13°33	5°52	6°53	8° 3	1°19	28°47	T 4
W 5	22 53 18	11°37'23	3♎37	25° 8	2°59	24°18	15°32	17°20	24°37	13°32	5°51	6°44	7°59	1°25	28°46	W 5
T 6	22 57 15	12°35'36	17°42	26°42	4°13	24°56	15°44	17°26	24°36	13°32	5°50	6°36	7°56	1°32	28°44	T 6
F 7	23 1 12	13°33'50	1°Y28	28°19	5°27	25°35	15°56	17°31	24°35	13°31	5°49	6°29	7°53	1°39	28°42	F 7
S 8	23 5 8	14°32'07	14°51	0♎ 0	6°42	26°13	16° 8	17°37	24°34	13°30	5°48	6°25	7°50	1°45	28°40	S 8
S 9	23 9 5	15°30'25	27°51	1°44	7°56	26°51	16°20	17°42	24°32	13°30	5°47	6°23	7°47	1°52	28°38	S 9
M10	23 13 1	16°28'46	10♌29	3°30	9°11	27°29	16°32	17°47	24°31	13°29	5°46	6°D22	7°44	1°59	28°36	M10
T 11	23 16 58	17°27'09	22°49	5°19	10°25	28° 7	16°44	17°52	24°30	13°29	5°45	6°23	7°40	2° 5	28°34	T 11
W12	23 20 54	18°25'33	4♎54	7° 8	11°40	28°45	16°56	17°58	24°29	13°28	5°43	6°25	7°37	2°12	28°32	W12
T 13	23 24 51	19°24'00	16°50	9° 0	12°54	29°23	17° 8	18° 3	24°28	13°28	5°42	6°R25	7°34	2°19	28°30	T 13
F 14	23 28 47	20°22'29	28°41	10°51	14° 9	0♎ 1	17°21	18° 8	24°27	13°28	5°41	6°25	7°31	2°26	28°28	F 14
S 15	23 32 44	21°21'01	10♌33	12°44	15°24	0°39	17°33	18°12	24°26	13°27	5°40	6°23	7°28	2°32	28°26	S 15
S 16	23 36 41	22°19'34	22°30	14°36	16°38	1°17	17°45	18°17	24°25	13°27	5°39	6°19	7°24	2°39	28°24	S 16
M17	23 40 37	23°18'09	4♏37	16°29	17°53	1°54	17°58	18°22	24°24	13°27	5°38	6°13	7°21	2°46	28°22	M17
T 18	23 44 34	24°16'47	16°56	18°22	19° 8	2°32	18°10	18°27	24°23	13°26	5°37	6° 7	7°18	2°52	28°20	T 18
W19	23 48 30	25°15'27	29°31	20°14	20°22	3°10	18°22	18°31	24°22	13°26	5°35	5°59	7°15	2°59	28°17	W19
T 20	23 52 27	26°14'09	12♎21	22° 6	21°37	3°48	18°35	18°36	24°22	13°26	5°34	5°52	7°12	3° 6	28°15	T 20
F 21	23 56 23	27°12'52	25°28	23°57	22°52	4°26	18°47	18°40	24°21	13°26	5°33	5°46	7° 9	3°12	28°13	F 21
S 22	0 0 20	28°11'38	8♏50	25°47	24° 7	5° 4	19° 0	18°44	24°20	13°25	5°32	5°42	7° 5	3°19	28°10	S 22
S 23	0 4 16	29°10'26	22°24	27°37	25°21	5°42	19°12	18°49	24°20	13°25	5°31	5°39	7° 2	3°26	28° 8	S 23
M24	0 8 13	0♏ 9'15	6♎10	29°26	26°36	6°20	19°25	18°53	24°19	13°25	5°30	5°D38	6°59	3°33	28° 5	M24
T 25	0 12 9	1° 8'07	20° 5	1♏14	27°51	6°58	19°38	18°57	24°19	13°25	5°28	5°39	6°56	3°39	28° 3	T 25
W26	0 16 6	2° 7'00	4♎ 6	3° 1	29° 6	7°35	19°50	19° 1	24°18	13°D25	5°27	5°40	6°53	3°46	28° 0	W26
T 27	0 20 3	3° 5'55	18°13	4°48	0♏21	8°13	20° 3	19° 5	24°18	13°25	5°26	5°42	6°50	3°53	27°58	T 27
F 28	0 23 59	4° 4'52	2♌23	6°33	1°36	8°51	20°16	19° 9	24°17	13°25	5°25	5°R43	6°46	3°59	27°55	F 28
S 29	0 27 56	5° 3'51	16°35	8°18	2°50	9°29	20°29	19°12	24°17	13°25	5°24	5°42	6°43	4° 6	27°53	S 29
S 30	0 31 52	6♏ 2'51	0♎46	10♏ 2	4♏ 5	10♎ 7	20♏41	19♏16	24♌17	13♌25	5°Y23	5♎40	6♎40	4♌13	27°Y50	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	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	8n40	19s 0	4n21	15n 6	0n12	13n20	1n14	15n22	1n10	4s47	1n 7	21n58	0s25	21s45	0s33	22s 0
S 2	8 19	17 7	4 52	14 56	0 26	12 55	1 15	15 10	1 10	4 52	1 7	21 58	0 25	21 45	0 33	22 1
M 3	7 57	14 9	5 5	14 43	0 38	12 30	1 16	14 58	1 11	4 56	1 7	21 57	0 25	21 45	0 33	22 1
T 4	7 35	10 20	4 58	14 26	0 50	12 4	1 18	14 45	1 11	5 1	1 7	21 56	0 25	21 45	0 33	22 1
W 5	7 13	5 57	4 33	14 6	1 0	11 38	1 18	14 33	1 11	5 6	1 7	21 56	0 25	21 46	0 33	22 1
T 6	6 50	1 19	3 51	13 43	1 10	11 12	1 19	14 20	1 11	5 10	1 7	21 55	0 25	21 46	0 33	22 1
F 7	6 28	3n17	2 56	13 17	1 18	10 46	1 20	14 7	1 11	5 15	1 7	21 54	0 25	21 46	0 33	22 1
S 8	6 6	7 36	1 53	12 49	1 26	10 19	1 21	13 54	1 11	5 20	1 7	21 54	0 24	21 46	0 33	22 1
S 9	5 43	11 26	0 46	12 18	1 32	9 52	1 22	13 42	1 11	5 24	1 7	21 53	0 24	21 46	0 33	22 1
M10	5 20	14 38	0s22	11 44	1 37	9 24	1 22	13 29	1 11	5 29	1 6	21 52	0 24	21 47	0 33	22 1
T 11	4 58	17 5	1 28	11 9	1 41	8 57	1 23	13 16	1 12	5 34	1 6	21 52	0 24	21 47	0 33	22 1
W12	4 35	18 42	2 28	10 31	1 45	8 29	1 23	13 2	1 12	5 38	1 6	21 51	0 24	21 47	0 33	22 1
T 13	4 12	19 29	3 21	9 51	1 47	8 1	1 24	12 49	1 12	5 43	1 6	21 51	0 24	21 47	0 33	22 2
F 14	3 49	19 22	4 5	9 10	1 49	7 32	1 24	12 36	1 12	5 48	1 6	21 50	0 24	21 47	0 33	22 2
S 15	3 26	18 25	4 38	8 28	1 49	7 4	1 25	12 23	1 12	5 53	1 6	21 49	0 24	21 48	0 33	22 2
S 16	3 3	16 39	5 0	7 45	1 49	6 35	1 25	12 9	1 12	5 57	1 6	21 49	0 24	21 48	0 33	22 2
M17	2 40	14 7	5 9	7 0	1 49	6 6	1 25	11 56	1 12	6 2	1 6	21 48	0 24	21 48	0 33	22 2
T 18	2 16	10 57	5 4	6 15	1 47	5 37	1 25	11 42	1 12	6 7	1 6	21 48	0 24	21 48	0 33	22 2
W19	1 53	7 13	4 44	5 29	1 45	5 8	1 25	11 28	1 12	6 12	1 6	21 47	0 24	21 48	0 33	22 2
T 20	1 30	3 5	4 9	4 43	1 43	4 38	1 25	11 15	1 12	6 17	1 5	21 46	0 24	21 48	0 33	22 2
F 21	1 7	1s16	3 21	3 56	1 40	4 8	1 25	11 1	1 13	6 22	1 5	21 46	0 24	21 48	0 33	22 2
S 22	0 43	5 39	2 21	3 9	1 36	3 39	1 25	10 47	1 13	6 26	1 5	21 45	0 24	21 48	0 33	22 2
S 23	0 20	9 50	1 12	2 22	1 33	3 9	1 25	10 33	1 13	6 31	1 5	21 45	0 24	21 48	0 33	22 2
M24	0s 4	13 33	0n 3	1 35	1 28	2 39	1 25	10 19	1 13	6 36	1 5	21 44	0 24	21 49	0 33	22 2
T 25	0 27	16 31	1 18	0 47	1 24	2 9	1 24	10 5	1 13	6 41	1 5	21 44	0 24	21 49	0 33	22 2
W26	0 51	18 32	2 29	0 0	1 19	1 39	1 24	9 51	1 13	6 46	1 5	21 43	0 24	21 49	0 33	22 2
T 27	1 14	19 25	3 32	0s47	1 14	1 8	1 24	9 37	1 13	6 51	1 5	21 43	0 23	21 49	0 33	22 2
F 28	1 37	19 5	4 22	1 34	1 8	0 38	1 23	9 23	1 13	6 55	1 5	21 42	0 23	21 49	0 33	22 2
S 29	2 1	17 32	4 56	2 20	1 2	0 8	1 23	9 9	1 13	7 0	1 5	21 42	0 23	21 49	0 33	22 2
S 30	2s24	14s56	5n12	3s 7	0n56	0s22	1n22	8n55	1n13	7s 5	1n 5	21n41	0s23	21s49	0s33	22s 2

Julian Day Number = 2388600.5, Delta T = 12.28 sec
 Ecliptic obliquity = 23°27'35", Nutation = 0°00'12", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°20'02", Lahiri = 21°27'03"

ASTRODIENST EPHEMERIS for the year 1827
geocentric

OCTOBER 1827

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 35 49	7 ^h 15'3	14 ^h 54	11 ^h 45	5 ^h 20	10 ^h 45	20 ^h 54	19 ^h 19	24 ^h R17	13 ^h 26	5 ^h R21	5 ^h R37	6 ^h M37	4 ^h 19	27 ^h R48	M 1
T 2	0 39 45	8 ^h 0'57	28 ^h 56	13 ^h 27	6 ^h 35	11 ^h 22	21 ^h 7	19 ^h 23	24 ^h 16	13 ^h 26	5 ^h Y20	5 ^h M33	6 ^h 34	4 ^h 26	27 ^h Y45	T 2
W 3	0 43 42	9 ^h 0'02	12 ^h 49	15 ^h 8	7 ^h 50	12 ^h 0	21 ^h 20	19 ^h 26	24 ^h 16	13 ^h 26	5 ^h 19	5 ^h 29	6 ^h 30	4 ^h 33	27 ^h 42	W 3
T 4	0 47 38	9 ^h 59'10	26 ^h 28	16 ^h 48	9 ^h 5	12 ^h 38	21 ^h 33	19 ^h 29	24 ^h 16	13 ^h 26	5 ^h 18	5 ^h 25	6 ^h 27	4 ^h 40	27 ^h 39	T 4
F 5	0 51 35	10 ^h 58'19	9 ^h Y53	18 ^h 28	10 ^h 20	13 ^h 16	21 ^h 46	19 ^h 32	24 ^h D16	13 ^h 27	5 ^h 17	5 ^h 22	6 ^h 24	4 ^h 46	27 ^h 37	F 5
S 6	0 55 32	11 ^h 57'30	23 ^h 0	20 ^h 6	11 ^h 35	13 ^h 53	21 ^h 59	19 ^h 35	24 ^h 16	13 ^h 27	5 ^h 15	5 ^h 21	6 ^h 21	4 ^h 53	27 ^h 34	S 6
S 7	0 59 28	12 ^h 56'44	5 ^h 50	21 ^h 44	12 ^h 50	14 ^h 31	22 ^h 12	19 ^h 38	24 ^h 16	13 ^h 27	5 ^h 14	5 ^h D20	6 ^h 18	5 ^h 0	27 ^h 31	S 7
M 8	1 3 25	13 ^h 56'00	18 ^h 22	23 ^h 22	14 ^h 5	15 ^h 9	22 ^h 25	19 ^h 41	24 ^h 17	13 ^h 28	5 ^h 13	5 ^h 21	6 ^h 15	5 ^h 6	27 ^h 28	M 8
T 9	1 7 21	14 ^h 55'18	0 ^h II39	24 ^h 58	15 ^h 20	15 ^h 46	22 ^h 38	19 ^h 44	24 ^h 17	13 ^h 28	5 ^h 12	5 ^h 22	6 ^h 11	5 ^h 13	27 ^h 26	T 9
W10	1 11 18	15 ^h 54'38	12 ^h 44	26 ^h 34	16 ^h 35	16 ^h 24	22 ^h 51	19 ^h 46	24 ^h 17	13 ^h 28	5 ^h 11	5 ^h 24	6 ^h 8	5 ^h 20	27 ^h 23	W10
T 11	1 15 14	16 ^h 54'01	24 ^h 40	28 ^h 9	17 ^h 50	17 ^h 2	23 ^h 4	19 ^h 49	24 ^h 17	13 ^h 29	5 ^h 10	5 ^h 25	6 ^h 5	5 ^h 26	27 ^h 20	T 11
F 12	1 19 11	17 ^h 53'26	6 ^h 32	29 ^h 43	19 ^h 5	17 ^h 39	23 ^h 17	19 ^h 51	24 ^h 18	13 ^h 29	5 ^h 9	5 ^h 26	6 ^h 2	5 ^h 33	27 ^h 17	F 12
S 13	1 23 7	18 ^h 52'53	18 ^h 24	1 ^h M17	20 ^h 20	18 ^h 17	23 ^h 30	19 ^h 54	24 ^h 18	13 ^h 30	5 ^h 7	5 ^h R27	5 ^h 59	5 ^h 40	27 ^h 14	S 13
S 14	1 27 4	19 ^h 52'22	0 ^h 22	2 ^h 50	21 ^h 35	18 ^h 55	23 ^h 43	19 ^h 56	24 ^h 19	13 ^h 31	5 ^h 6	5 ^h 26	5 ^h 55	5 ^h 47	27 ^h 11	S 14
M15	1 31 1	20 ^h 51'54	12 ^h 29	4 ^h 22	22 ^h 50	19 ^h 32	23 ^h 56	19 ^h 58	24 ^h 19	13 ^h 31	5 ^h 5	5 ^h 25	5 ^h 52	5 ^h 53	27 ^h 9	M15
T 16	1 34 57	21 ^h 51'28	24 ^h 50	5 ^h 54	24 ^h 5	20 ^h 10	24 ^h 9	20 ^h 0	24 ^h 20	13 ^h 32	5 ^h 4	5 ^h 24	5 ^h 49	6 ^h 0	27 ^h 6	T 16
W17	1 38 54	22 ^h 51'04	7 ^h 29	7 ^h 25	25 ^h 20	20 ^h 48	24 ^h 22	20 ^h 2	24 ^h 20	13 ^h 33	5 ^h 3	5 ^h 22	5 ^h 46	6 ^h 7	27 ^h 3	W17
T 18	1 42 50	23 ^h 50'43	20 ^h 27	8 ^h 55	26 ^h 35	21 ^h 25	24 ^h 35	20 ^h 4	24 ^h 21	13 ^h 33	5 ^h 2	5 ^h 20	5 ^h 43	6 ^h 13	27 ^h 0	T 18
F 19	1 46 47	24 ^h 50'23	3 ^h 47	10 ^h 25	27 ^h 51	22 ^h 3	24 ^h 48	20 ^h 5	24 ^h 22	13 ^h 34	5 ^h 1	5 ^h 19	5 ^h 40	6 ^h 20	26 ^h 57	F 19
S 20	1 50 43	25 ^h 50'06	17 ^h 27	11 ^h 54	29 ^h 6	22 ^h 41	25 ^h 1	20 ^h 7	24 ^h 22	13 ^h 35	5 ^h 0	5 ^h 18	5 ^h 36	6 ^h 27	26 ^h 54	S 20
S 21	1 54 40	26 ^h 49'51	1 ^h M26	13 ^h 23	0 ^h M21	23 ^h 18	25 ^h 14	20 ^h 8	24 ^h 23	13 ^h 36	4 ^h 58	5 ^h D18	5 ^h 33	6 ^h 34	26 ^h 51	S 21
M22	1 58 36	27 ^h 49'38	15 ^h 39	14 ^h 50	1 ^h 36	23 ^h 56	25 ^h 27	20 ^h 9	24 ^h 24	13 ^h 36	4 ^h 57	5 ^h 18	5 ^h 30	6 ^h 40	26 ^h 48	M22
T 23	2 2 33	28 ^h 49'27	0 ^h 2	16 ^h 18	2 ^h 51	24 ^h 33	25 ^h 40	20 ^h 11	24 ^h 25	13 ^h 37	4 ^h 56	5 ^h 18	5 ^h 27	6 ^h 47	26 ^h 45	T 23
W24	2 6 29	29 ^h 49'17	14 ^h 30	17 ^h 44	4 ^h 6	25 ^h 11	25 ^h 53	20 ^h 12	24 ^h 26	13 ^h 38	4 ^h 55	5 ^h 19	5 ^h 24	6 ^h 54	26 ^h 43	W24
T 25	2 10 26	0 ^h M49'10	28 ^h 57	19 ^h 10	5 ^h 21	25 ^h 48	26 ^h 6	20 ^h 13	24 ^h 27	13 ^h 39	4 ^h 54	5 ^h 19	5 ^h 21	7 ^h 0	26 ^h 40	T 25
F 26	2 14 23	1 ^h 49'04	13 ^h 21	20 ^h 35	6 ^h 37	26 ^h 26	26 ^h 19	20 ^h 14	24 ^h 28	13 ^h 40	4 ^h 53	5 ^h 19	5 ^h 17	7 ^h 7	26 ^h 37	F 26
S 27	2 18 19	2 ^h 48'59	27 ^h 36	21 ^h 59	7 ^h 52	27 ^h 4	26 ^h 32	20 ^h 14	24 ^h 29	13 ^h 41	4 ^h 52	5 ^h R20	5 ^h 14	7 ^h 14	26 ^h 34	S 27
S 28	2 22 16	3 ^h 48'57	11 ^h 40	23 ^h 23	9 ^h 7	27 ^h 41	26 ^h 45	20 ^h 15	24 ^h 30	13 ^h 42	4 ^h 51	5 ^h 20	5 ^h 11	7 ^h 20	26 ^h 31	S 28
M29	2 26 12	4 ^h 48'55	25 ^h 33	24 ^h 45	10 ^h 22	28 ^h 19	26 ^h 58	20 ^h 16	24 ^h 31	13 ^h 43	4 ^h 50	5 ^h D20	5 ^h 8	7 ^h 27	26 ^h 28	M29
T 30	2 30 9	5 ^h 48'56	9 ^h 12	26 ^h 7	11 ^h 37	28 ^h 56	27 ^h 11	20 ^h 16	24 ^h 33	13 ^h 44	4 ^h 49	5 ^h 20	5 ^h 5	7 ^h 34	26 ^h 25	T 30
W31	2 34 5	6 ^h M48'58	22 ^h 39	27 ^h M27	12 ^h M52	29 ^h 33	27 ^h 24	20 ^h 16	24 ^h 34	13 ^h 45	4 ^h Y48	5 ^h M20	5 ^h M1	7 ^h 34	26 ^h Y22	W31

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
M 1	2s48	11s27	5n 9	3s53	0n50	0s53	1n21	8n41	1n13	7s10	1n 5	21n41	0s23	21s49	0s33	22s 2	0n45	13s34	17s 8	13s24	13s44	19n 2	10n53	0n12					
T 2	3 11	7 22	4 48	4 38	0 44	1 23	1 20	8 26	1 13	7 15	1 5	21 41	0 23	21 49	0 33	22 2	0 45	13 35	17 7	13 23	13 43	19 2	10 52	0 12					
W 3	3 34	2 55	4 9	5 23	0 38	1 54	1 20	8 12	1 13	7 20	1 5	21 40	0 23	21 49	0 33	22 2	0 45	13 35	17 7	13 22	13 42	19 1	10 51	0 12					
T 4	4 58	1n37	3 18	6 8	0 31	2 24	1 19	7 57	1 14	7 25	1 5	21 40	0 23	21 49	0 33	22 2	0 45	13 35	17 7	13 20	13 41	19 0	10 50	0 12					
F 5	4 21	6 0	2 15	6 52	0 24	2 54	1 18	7 43	1 14	7 29	1 5	21 39	0 23	21 49	0 33	22 2	0 45	13 36	17 7	13 19	13 40	19 0	10 49	0 12					
S 6	4 44	10 0	1 7	7 36	0 18	3 24	1 17	7 29	1 14	7 34	1 4	21 39	0 23	21 49	0 33	22 2	0 45	13 36	17 7	13 19	13 39	18 59	10 48	0 12					
S 7	5 7	13 26	0s 3	8 19	0 11	3 55	1 16	7 14	1 14	7 39	1 4	21 39	0 23	21 49	0 33	22 2	0 45	13 37	17 7	13 19	13 38	18 58	10 47	0 12					
M 8	5 30	16 10	1 11	9 1	0 4	4 25	1 15	6 59	1 14	7 44	1 4	21 38	0 23	21 49	0 33	22 2	0 45	13 37	17 7	13 19	13 37	18 57	10 46	0 12					
T 9	5 53	18 6	2 15	9 43	0s 3	4 55	1 13	6 45	1 14	7 49	1 4	21 38	0 23	21 49	0 32	22 2	0 44	13 38	17 7	13 19	13 36	18 57	10 45	0 12					
W10	6 16	19 10	3 12	10 25	0 10	5 25	1 12	6 30	1 14	7 54	1 4	21 38	0 23	21 49	0 32	22 2	0 44	13 38	17 7	13 20	13 35	18 56	10 44	0 12					
T 11	6 39	19 22	4 0	11 5	0 17	5 55	1 11	6 16	1 14	7 59	1 4	21 37	0 23	21 49	0 32	22 2	0 44	13 38	17 7	13 20	13 34	18 55	10 43	0 12					
F 12	7 1	18 41	4 37	11 45	0 24	6 24	1 10	6 1	1 14	8 3	1 4	21 37	0 23	21 48	0 32	22 2	0 44	13 39	17 7	13 21	13 33	18 55	10 42	0 11					
S 13	7 24	17 12	5 2	12 25	0 31	6 54	1 8	5 46	1 14	8 8	1 4	21 37	0 23	21 48	0 32	22 2	0 44	13 39	17 7	13 21	13 32	18 54	10 41	0 11					
S 14	7 47	14 58	5 15	13 3	0 38	7 23	1 7	5 31	1 14	8 13	1 4	21 36	0 23	21 48	0 32	22 2	0 44	13 39	17 7	13 21	13 30	18 53	10 39	0 11					
M15	8 9	12 3	5 14	13 41	0 45	7 53	1 5	5 17	1 14	8 18	1 4	21 36	0 22	21 48	0 32	22 2	0 44	13 40	17 7	13 20	13 29	18 52	10 38	0 11					
T 16	8 31	8 34	4 58	14 18	0 51	8 22	1 4	5 2	1 14	8 23	1 4	21 36	0 22	21 48	0 32	22 2	0 44	13 40	17 7	13 20	13 28	18 52	10 37	0 11					
W17	8 54	4 37	4 28	14 55	0 58	8 51	1 2	4 47	1 14	8 28	1 4	21 36	0 22	21 48	0 32	22 2	0 44	13 40	17 7	13 19	13 27	18 51	10 36	0 11					
T 18	9 16	0 21	3 44	15 30	1 5	9 20	1 0	4 32	1 14	8 32	1 4	21 36	0 22	21 48	0 32	22 2	0 44	13 41	17 6	13 19	13 26	18 50	10 35	0 11					
F 19	9 38	4s 3	2 46	16 5	1 11	9 48	0 59	4 17	1 14	8 37	1 4	21 35	0 22	21 48	0 32	22 2	0 44	13 41	17 6	13 18	13 25	18 49	10 34	0 11					
S 20	9 59	8 21	1 37	16 39	1 18	10 16	0 57	4 3	1 14	8 42	1 4	21 35	0 22	21 47	0 32	22 2	0 44	13 41	17 6	13 18	13 24	18 49	10 33	0 11					
S 21	10 21	12 19	0 21	17 12	1 24	10 45	0 55	3 48	1 14	8 47	1 4	21 35	0 22	21 47	0 32	22 2	0 44	13 42	17 6	13 18	13 23	18 48	10 32	0 11					
M22	10 43	15 38	0n57	17 45	1 31	11 12	0 53	3 33	1 14	8 51	1 4	21 35	0 22	21 47	0 32	22 2	0 44	13 42	17 6	13 18	13 22	18 47	10 30	0 11					
T 23	11 4	18 0	2 13	18 16	1 37	11 40	0 51	3 18	1 14	8 56	1 4	21 35	0 22	21 47	0 32	22 2	0 44	13 42	17 6	13 18	13 21	18 46	10 29	0 11					
W24	11 25	19 14	3 21	18 47	1 43	12 7	0 50	3 3	1 14	9 1	1 4	21 35	0 22	21 47	0 32	22 2	0 44	13 43	17 6	13 18	13 20	18 46	10 28	0 10					
T 25	11 46	19 12	4 16	19 16	1 49	12 34	0 48	2 48	1 14	9 6	1 4	21 35	0 22	21 47	0 32	22 2	0 44	13 43	17 5	13 18	13 19	18 45	10 27	0 10					
F 26	12 7	17 54	4 54	19 45	1 54	13 1	0 46	2 33	1 14	9 10	1 4	21 34	0 22	21 46	0 32	22 2	0 44	13 43	17 5	13 18	13 18	18 44	10 26	0 10					
S 27	12 28	15 31	5 15	20 12	2 0	13 27	0 44	2 18	1 14	9 15	1 4	21 34	0 22	21 46	0 32	22 2	0 44	13 43	17 5	13 19	13 17	18 43	10 25	0 10					
S 28	12 48	12 15	5 15	20 39	2 5	13 53	0 42	2 3	1 14	9 20	1 4	21 34	0 22	21 46	0 32	22 2	0 44	13 44	17 5	13 19	13 16	18 43	10 24	0 10					
M29	13 8	8 20	4 58	21 4	2 10	14 19	0 39	1 48	1 14	9 25	1 4	21 34	0 22	21 46	0 32	22 2	0 44	13 44	17 5	13 18	13 15	18 42	10 23	0 10					
T 30	13 28	4 3	4 24	21 29	2 15	14 44	0 37	1 33	1 14	9 29	1 4	21 34	0 22	21 45	0 32	22 1	0 44	13 44	17 5	13 18	13 14	18 41	10 22	0 10					
W31	13s48	0n23	3n35	21s52	2s19	15s 9	0n35	1n19	1n14	9s34	1n 4	21n34	0s22	21s45	0s32	22s 1	0n44	13s44	17s 4	13s19	13s12	18n40	10n20	0n10					

ASTRODIENST EPHEMERIS for the year 1827

geocentric

NOVEMBER 1827

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 38 2	7♈49'01	5♏52	28♈47	14♈ 8	0♈11	27♈37	20♈17	24♈35	13♈47	4♈47	5♈20	4♈58	7♈47	26♈20	T 1
F 2	2 41 58	8♏49'07	18°52	0♏ 6	15°23	0°48	27°50	20°R17	24°37	13°48	4°46	5°20	4°55	7°54	26°17	F 2
S 3	2 45 55	9♏49'14	1♏38	1°23	16°38	1°26	28° 3	20°17	24°38	13°49	4°45	5°R20	4°52	8° 1	26°14	S 3
S 4	2 49 52	10♏49'23	14°11	2°38	17°53	2° 3	28°16	20°17	24°40	13°50	4°44	5°20	4°49	8° 7	26°11	S 4
M 5	2 53 48	11♏49'34	26°33	3°53	19° 8	2°41	28°29	20°16	24°41	13°51	4°43	5°20	4°46	8°14	26° 8	M 5
T 6	2 57 45	12♏49'46	8♏44	5° 5	20°23	3°18	28°42	20°16	24°43	13°53	4°43	5°19	4°42	8°21	26° 6	T 6
W 7	3 1 41	13♏50'01	20°45	6°16	21°39	3°55	28°55	20°15	24°44	13°54	4°42	5°18	4°39	8°28	26° 3	W 7
T 8	3 5 38	14♏50'17	2♏40	7°24	22°54	4°33	29° 8	20°15	24°46	13°55	4°41	5°17	4°36	8°34	26° 0	T 8
F 9	3 9 34	15♏50'36	14°31	8°30	24° 9	5°10	29°20	20°14	24°48	13°57	4°40	5°15	4°33	8°41	25°58	F 9
S 10	3 13 31	16♏50'56	26°23	9°33	25°24	5°48	29°33	20°13	24°50	13°58	4°39	5°14	4°30	8°48	25°55	S 10
S 11	3 17 27	17°51'18	8♏19	10°33	26°39	6°25	29°46	20°12	24°52	14° 0	4°38	5°13	4°27	8°54	25°52	S 11
M12	3 21 24	18°51'43	20°23	11°30	27°55	7° 2	29°59	20°11	24°53	14° 1	4°38	5°D13	4°23	9° 1	25°50	M12
T 13	3 25 21	19°52'09	2♈41	12°23	29°10	7°40	0♈11	20°10	24°55	14° 3	4°37	5°13	4°20	9° 8	25°47	T 13
W14	3 29 17	20°52'36	15°17	13°11	0♏25	8°17	0°24	20° 9	24°57	14° 4	4°36	5°14	4°17	9°14	25°44	W14
T 15	3 33 14	21°53'06	28°14	13°55	1°40	8°54	0°37	20° 8	24°59	14° 6	4°35	5°16	4°14	9°21	25°42	T 15
F 16	3 37 10	22°53'38	11♈36	14°33	2°55	9°32	0°49	20° 6	25° 1	14° 7	4°34	5°17	4°11	9°28	25°39	F 16
S 17	3 41 7	23°54'11	25°24	15° 5	4°11	10° 9	1° 2	20° 5	25° 3	14° 9	4°34	5°18	4° 7	9°35	25°37	S 17
S 18	3 45 3	24°54'46	9♈36	15°30	5°26	10°46	1°14	20° 3	25° 5	14°11	4°33	5°R18	4° 4	9°41	25°35	S 18
M19	3 49 0	25°55'23	24°10	15°47	6°41	11°23	1°27	20° 1	25° 8	14°12	4°32	5°17	4° 1	9°48	25°32	M19
T 20	3 52 56	26°56'01	8♏59	15°R56	7°56	12° 1	1°39	19°59	25°10	14°14	4°32	5°15	3°58	9°55	25°30	T 20
W21	3 56 53	27°56'41	23°55	15°55	9°12	12°38	1°52	19°57	25°12	14°16	4°31	5°12	3°55	10° 1	25°27	W21
T 22	4 0 50	28°57'22	8♏50	15°45	10°27	13°15	2° 4	19°55	25°14	14°17	4°30	5° 9	3°52	10° 8	25°25	T 22
F 23	4 4 46	29°58'04	23°36	15°24	11°42	13°52	2°16	19°53	25°17	14°19	4°30	5° 6	3°48	10°15	25°23	F 23
S 24	4 8 43	0♏58'47	8♏ 7	14°53	12°57	14°29	2°29	19°51	25°19	14°21	4°29	5° 3	3°45	10°22	25°21	S 24
S 25	4 12 39	1°59'32	22°18	14°10	14°12	15° 7	2°41	19°48	25°22	14°23	4°29	5° 2	3°42	10°28	25°18	S 25
M26	4 16 36	3° 0'17	6♈ 8	13°18	15°28	15°44	2°53	19°46	25°24	14°24	4°28	5°D 1	3°39	10°35	25°16	M26
T 27	4 20 32	4° 1'03	19°37	12°15	16°43	16°21	3° 5	19°43	25°26	14°26	4°28	5° 2	3°36	10°42	25°14	T 27
W28	4 24 29	5° 1'50	2°47	11° 4	17°58	16°58	3°17	19°40	25°29	14°28	4°27	5° 4	3°32	10°48	25°12	W28
T 29	4 28 25	6° 2'38	15°40	9°47	19°13	17°35	3°29	19°38	25°32	14°30	4°27	5° 5	3°29	10°55	25°10	T 29
F 30	4 32 22	7♏ 3'27	28°19	8♏26	20°29	18♈12	3♈41	19°35	25°34	14°32	4°26	5♈ 7	3♈26	11°25	25°8	F 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	14s 8	4n44	2n36	22s14	2s23	15s34	0n33	1n 4	1n14	9s39	1n 4	21n34	0s22	21s45	0s32	22s 1
F 2	14 27	8 47	1 30	22 35	2 27	15 58	0 31	0 49	1 14	9 43	1 4	21 34	0 21	21 45	0 32	22 1
S 3	14 46	12 22	0 21	22 55	2 31	16 22	0 29	0 34	1 14	9 48	1 4	21 34	0 21	21 44	0 32	22 1
S 4	15 5	15 20	0s49	23 13	2 34	16 45	0 26	0 19	1 14	9 52	1 4	21 35	0 21	21 44	0 32	22 1
M 5	15 24	17 32	1 55	23 30	2 37	17 8	0 24	0 4	1 14	9 57	1 4	21 35	0 21	21 44	0 32	22 1
T 6	15 42	18 54	2 55	23 46	2 39	17 31	0 22	0s11	1 14	10 1	1 4	21 35	0 21	21 43	0 32	22 1
W 7	16 0	19 23	3 46	24 0	2 41	17 53	0 19	0 26	1 14	10 6	1 4	21 35	0 21	21 43	0 32	22 1
T 8	16 18	18 59	4 27	24 13	2 42	18 14	0 17	0 41	1 14	10 11	1 4	21 35	0 21	21 43	0 32	22 1
F 9	16 36	17 46	4 56	24 25	2 43	18 35	0 15	0 56	1 14	10 15	1 4	21 35	0 21	21 42	0 32	22 0
S 10	16 53	15 46	5 13	24 35	2 43	18 56	0 12	1 10	1 14	10 20	1 4	21 35	0 21	21 42	0 32	22 0
S 11	17 10	13 7	5 16	24 43	2 42	19 16	0 10	1 25	1 14	10 24	1 4	21 36	0 21	21 42	0 32	22 0
M12	17 27	9 52	5 6	24 50	2 41	19 35	0 7	1 40	1 14	10 28	1 4	21 36	0 21	21 41	0 32	22 0
T 13	17 43	6 9	4 41	24 55	2 39	19 54	0 5	1 55	1 14	10 33	1 4	21 36	0 21	21 41	0 32	22 0
W14	17 59	2 5	4 3	24 58	2 36	20 13	0 3	2 10	1 14	10 37	1 4	21 36	0 21	21 41	0 32	22 0
T 15	18 15	2s13	3 11	25 0	2 31	20 31	0 0	2 24	1 14	10 42	1 4	21 37	0 21	21 40	0 32	22 0
F 16	18 31	6 33	2 7	24 59	2 26	20 48	0s 2	2 39	1 13	10 46	1 4	21 37	0 21	21 40	0 32	22 0
S 17	18 46	10 41	0 54	24 57	2 20	21 5	0 5	2 54	1 13	10 50	1 4	21 37	0 20	21 40	0 32	21 59
S 18	19 1	14 20	0n24	24 52	2 13	21 21	0 7	3 9	1 13	10 55	1 4	21 37	0 20	21 39	0 32	21 59
M19	19 15	17 11	1 42	24 45	2 4	21 36	0 10	3 23	1 13	10 59	1 4	21 38	0 20	21 39	0 32	21 59
T 20	19 29	18 56	2 55	24 36	1 54	21 51	0 12	3 38	1 13	11 3	1 4	21 38	0 20	21 38	0 32	21 59
W21	19 43	19 23	3 57	24 25	1 42	22 5	0 15	3 52	1 13	11 7	1 4	21 39	0 20	21 38	0 32	21 59
T 22	19 57	18 29	4 42	24 10	1 29	22 19	0 17	4 7	1 13	11 12	1 4	21 39	0 20	21 37	0 32	21 59
F 23	20 10	16 20	5 8	23 54	1 15	22 32	0 19	4 21	1 13	11 16	1 4	21 39	0 20	21 37	0 32	21 59
S 24	20 22	13 12	5 14	23 34	0 58	22 44	0 22	4 36	1 13	11 20	1 5	21 40	0 20	21 37	0 32	21 58
S 25	20 35	9 21	5 0	23 12	0 41	22 56	0 24	4 50	1 13	11 24	1 5	21 40	0 20	21 36	0 32	21 58
M26	20 47	5 6	4 29	22 47	0 22	23 6	0 27	5 5	1 13	11 28	1 5	21 41	0 20	21 36	0 32	21 58
T 27	20 58	0 41	3 44	22 19	0 2	23 17	0 29	5 19	1 13	11 32	1 5	21 41	0 20	21 35	0 32	21 58
W28	21 9	3n40	2 48	21 50	0n18	23 26	0 31	5 33	1 12	11 36	1 5	21 42	0 20	21 35	0 32	21 58
T 29	21 20	7 47	1 45	21 18	0 38	23 35	0 34	5 48	1 12	11 40	1 5	21 42	0 20	21 34	0 32	21 58
F 30	21s30	11n28	0n37	20s46	0n58	23s43	0s36	6s 2	1n12	11s44	1n 5	21n42	0s19	21s34	0s31	21s57

Julian Day Number = 2388661.5, Delta T = 12.16 sec

Ecliptic obliquity = 23°27'35", Nutation = 0°00'09", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 22°20'10", Lahiri = 21°27'11"

ASTRODIENST EPHEMERIS for the year 1827

geocentric

DECEMBER 1827

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 36 19	8♂ 4'17	10♂46	7°R 3	21♂44	18♂49	3♂53	19°R32	25♂37	14♂34	4°R26	5°R 7	3♂23	11♂9	25°R 6	S 1
S 2	4 40 15	9° 5'08	23° 2	5♂41	22°59	19°26	4° 5	19♂29	25°39	14°36	4°Y25	5♂ 5	3°20	11°15	25°Y 4	S 2
M 3	4 44 12	10° 6'00	5♂11	4°24	24°14	20° 3	4°17	19°25	25°42	14°37	4°25	5° 2	3°17	11°22	25° 2	M 3
T 4	4 48 8	11° 6'54	17°13	3°13	25°29	20°40	4°29	19°22	25°45	14°39	4°25	4°57	3°13	11°29	25° 1	T 4
W 5	4 52 5	12° 7'48	29°10	2°11	26°44	21°17	4°40	19°19	25°48	14°41	4°24	4°50	3°10	11°35	24°59	W 5
T 6	4 56 1	13° 8'43	11♂3	1°19	28° 0	21°54	4°52	19°15	25°50	14°43	4°24	4°42	3° 7	11°42	24°57	T 6
F 7	4 59 58	14° 9'40	22°54	0°38	29°15	22°31	5° 3	19°12	25°53	14°45	4°24	4°35	3° 4	11°49	24°55	F 7
S 8	5 3 54	15°10'37	4♂46	0° 8	0♂30	23° 8	5°15	19° 8	25°56	14°47	4°23	4°28	3° 1	11°56	24°54	S 8
S 9	5 7 51	16°11'36	16°41	29♂49	1°45	23°45	5°26	19° 5	25°59	14°49	4°23	4°22	2°58	12° 2	24°52	S 9
M10	5 11 48	17°12'35	28°44	29°D41	3° 0	24°22	5°38	19° 1	26° 2	14°52	4°23	4°18	2°54	12° 9	24°51	M10
T 11	5 15 44	18°13'36	10♂58	29°44	4°15	24°59	5°49	18°57	26° 5	14°54	4°23	4°16	2°51	12°16	24°49	T 11
W12	5 19 41	19°14'38	23°27	29°56	5°31	25°35	6° 0	18°53	26° 8	14°56	4°23	4°D16	2°48	12°22	24°48	W12
T 13	5 23 37	20°15'40	6♂17	0♂18	6°46	26°12	6°11	18°49	26°11	14°58	4°22	4°17	2°45	12°29	24°46	T 13
F 14	5 27 34	21°16'44	19°31	0°47	8° 1	26°49	6°22	18°45	26°14	15° 0	4°22	4°18	2°42	12°36	24°45	F 14
S 15	5 31 30	22°17'49	3♂14	1°23	9°16	27°26	6°33	18°41	26°17	15° 2	4°22	4°R19	2°38	12°43	24°44	S 15
S 16	5 35 27	23°18'55	17°25	2° 6	10°31	28° 3	6°44	18°37	26°20	15° 4	4°22	4°18	2°35	12°49	24°43	S 16
M17	5 39 23	24°20'01	2♂ 3	2°54	11°46	28°39	6°55	18°33	26°23	15° 6	4°22	4°15	2°32	12°56	24°42	M17
T 18	5 43 20	25°21'09	17° 3	3°47	13° 1	29°16	7° 5	18°28	26°26	15° 8	4°22	4°10	2°29	13° 3	24°40	T 18
W19	5 47 17	26°22'17	2♂17	4°45	14°17	29°53	7°16	18°24	26°29	15°11	4°D22	4° 3	2°26	13° 9	24°39	W19
T 20	5 51 13	27°23'25	17°34	5°46	15°32	0♂29	7°27	18°19	26°33	15°13	4°22	3°54	2°23	13°16	24°38	T 20
F 21	5 55 10	28°24'34	2♂43	6°51	16°47	1° 6	7°37	18°15	26°36	15°15	4°22	3°45	2°19	13°23	24°38	F 21
S 22	5 59 6	29°25'43	17°35	7°59	18° 2	1°43	7°47	18°10	26°39	15°17	4°22	3°38	2°16	13°30	24°37	S 22
S 23	6 3 3	0♂26'52	2♂ 1	9°10	19°17	2°19	7°58	18° 6	26°42	15°19	4°22	3°32	2°13	13°36	24°36	S 23
M24	6 6 59	1°28'01	16° 0	10°23	20°32	2°56	8° 8	18° 1	26°46	15°22	4°22	3°29	2°10	13°43	24°35	M24
T 25	6 10 56	2°29'10	29°32	11°37	21°47	3°32	8°18	17°57	26°49	15°24	4°22	3°D28	2° 7	13°50	24°34	T 25
W26	6 14 53	3°30'19	12°Y38	12°54	23° 2	4° 9	8°28	17°52	26°52	15°26	4°22	3°28	2° 4	13°56	24°34	W26
T 27	6 18 49	4°31'28	25°23	14°12	24°17	4°45	8°38	17°47	26°55	15°28	4°23	3°29	2° 0	14° 3	24°33	T 27
F 28	6 22 46	5°32'37	7♂50	15°32	25°32	5°21	8°47	17°42	26°59	15°31	4°23	3°R29	1°57	14°10	24°33	F 28
S 29	6 26 42	6°33'46	20° 5	16°53	26°47	5°58	8°57	17°38	27° 2	15°33	4°23	3°27	1°54	14°17	24°32	S 29
S 30	6 30 39	7°34'55	2♂ 9	18°15	28° 2	6°34	9° 7	17°33	27° 6	15°35	4°23	3°23	1°51	14°23	24°32	S 30
M31	6 34 35	8♂36'04	14♂ 8	19♂38	29♂17	7♂11	9♂16	17♂28	27♂9	15♂37	4°Y23	3♂16	1♂48	14♂30	24°Y32	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	21s40	14n35	0s31	20s14	1n18	23s50	0s38	6s16	1n12	11s48	1n 5	21n43	0s19	21s33	0s31	21s57
S 2	21 50	17 0	1 36	19 42	1 36	23 57	0 41	6 30	1 12	11 52	1 5	21 44	0 19	21 33	0 31	21 57
M 3	21 59	18 37	2 37	19 12	1 52	24 3	0 43	6 44	1 12	11 56	1 5	21 44	0 19	21 32	0 31	21 57
T 4	22 8	19 22	3 29	18 45	2 7	24 8	0 45	6 58	1 12	12 0	1 5	21 45	0 19	21 32	0 31	21 57
W 5	22 16	19 15	4 12	18 21	2 19	24 13	0 47	7 12	1 12	12 4	1 5	21 45	0 19	21 31	0 31	21 56
T 6	22 24	18 17	4 44	18 1	2 29	24 16	0 50	7 26	1 11	12 8	1 5	21 46	0 19	21 31	0 31	21 56
F 7	22 31	16 32	5 3	17 45	2 37	24 19	0 52	7 40	1 11	12 11	1 5	21 46	0 19	21 30	0 31	21 56
S 8	22 38	14 5	5 9	17 33	2 42	24 21	0 54	7 54	1 11	12 15	1 5	21 47	0 19	21 30	0 31	21 56
S 9	22 45	11 2	5 2	17 26	2 46	24 23	0 56	8 8	1 11	12 19	1 6	21 47	0 19	21 29	0 31	21 56
M10	22 51	7 31	4 42	17 22	2 48	24 24	0 58	8 21	1 11	12 23	1 6	21 48	0 19	21 28	0 31	21 55
T 11	22 56	3 38	4 8	17 23	2 48	24 24	1 0	8 35	1 11	12 26	1 6	21 49	0 19	21 28	0 31	21 55
W12	23 1	0s30	3 23	17 27	2 46	24 23	1 2	8 48	1 10	12 30	1 6	21 49	0 18	21 27	0 31	21 55
T 13	23 6	4 43	2 26	17 33	2 44	24 21	1 4	9 2	1 10	12 33	1 6	21 50	0 18	21 27	0 31	21 55
F 14	23 13	8 52	1 19	17 43	2 40	24 19	1 6	9 15	1 10	12 37	1 6	21 51	0 18	21 26	0 31	21 55
S 15	23 14	12 42	0 6	17 55	2 36	24 16	1 8	9 29	1 10	12 40	1 6	21 51	0 18	21 26	0 31	21 54
S 16	23 17	15 55	1n10	18 8	2 30	24 12	1 10	9 42	1 10	12 44	1 6	21 52	0 18	21 25	0 31	21 54
M17	23 20	18 15	2 24	18 24	2 24	24 7	1 11	9 55	1 10	12 47	1 6	21 53	0 18	21 24	0 31	21 54
T 18	23 23	19 22	3 29	18 40	2 18	24 2	1 13	10 8	1 9	12 51	1 6	21 53	0 18	21 24	0 31	21 54
W19	23 25	19 6	4 20	18 57	2 11	23 56	1 15	10 21	1 9	12 54	1 6	21 54	0 18	21 23	0 31	21 53
T 20	23 26	17 27	4 54	19 15	2 4	23 49	1 16	10 35	1 9	12 57	1 7	21 55	0 18	21 22	0 31	21 53
F 21	23 27	14 36	5 6	19 34	1 56	23 42	1 18	10 47	1 9	13 1	1 7	21 55	0 18	21 22	0 31	21 53
S 22	23 27	10 52	4 57	19 52	1 49	23 33	1 20	11 0	1 9	13 4	1 7	21 56	0 18	21 21	0 31	21 53
S 23	23 28	6 34	4 29	20 11	1 41	23 24	1 21	11 13	1 8	13 7	1 7	21 57	0 17	21 21	0 31	21 53
M24	23 27	2 3	3 46	20 30	1 33	23 15	1 22	11 26	1 8	13 10	1 7	21 57	0 17	21 20	0 31	21 52
T 25	23 26	2n26	2 51	20 48	1 24	23 4	1 24	11 38	1 8	13 13	1 7	21 58	0 17	21 19	0 31	21 52
W26	23 25	6 40	1 49	21 6	1 16	22 53	1 25	11 51	1 8	13 17	1 7	21 59	0 17	21 19	0 31	21 52
T 27	23 23	10 30	0 43	21 24	1 8	22 42	1 26	12 3	1 7	13 20	1 7	22 0	0 17	21 18	0 31	21 52
F 28	23 21	13 46	0s23	21 41	1 0	22 29	1 28	12 16	1 7	13 23	1 7	22 0	0 17	21 17	0 31	21 51
S 29	23 18	16 22	1 27	21 57	0 52	22 16	1 29	12 28	1 7	13 26	1 8	22 1	0 17	21 17	0 31	21 51
S 30	23 15	18 13	2 27	22 13	0 43	22 2	1 30	12 40	1 7	13 28	1 8	22 2	0 17	21 16	0 31	21 51
M31	23s11	19n14	3s19	22s28	0n35	21s48	1s31	12s52	1n 6	13s31	1n 8	22n 3	0s17	21s15	0s31	21s51

Julian Day Number = 2388691.5, Delta T = 12.10 sec
 Ecliptic obliquity = 23°27'34, Nutation = 0°00'08, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°20'15, Lahiri = 21°27'15