



Astrodienst Ephemeris Tables for the year 1841

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 1841
geocentric

JANUARY 1841

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 41 53	10 ³ 29'04	11 ¹ 4 4	20 ² 54	19 ² 21	15 ² 36	8 ² 16	26 ² 2	17 ² 1	13 ² 18	17 ² D56	18 ² R44	20 ² 16	3 ² 51	17 ² R39	F 1
S 2	6 45 50	11 ¹ 30'14	24 ² 28	22 ² 17	20 ² 33	16 ² 4	8 ² 28	26 ² 9	17 ² 2	13 ² 20	17 ² Y56	18 ² 43	20 ² 13	3 ² 58	17 ² 34	S 2
S 3	6 49 46	12 ² 31'24	8 ² 19	23 ² 41	21 ² 45	16 ² 32	8 ² 41	26 ² 16	17 ² 4	13 ² 22	17 ² 56	18 ² 41	20 ² 9	4 ² 5	17 ² 30	S 3
M 4	6 53 43	13 ² 32'33	22 ² 38	25 ² 6	22 ² 57	17 ² 0	8 ² 53	26 ² 22	17 ² 6	13 ² 24	17 ² 56	18 ² 37	20 ² 6	4 ² 11	17 ² 26	M 4
T 5	6 57 40	14 ² 33'42	7 ² 12	26 ² 31	24 ² 9	17 ² 28	9 ² 5	26 ² 29	17 ² 8	13 ² 26	17 ² 56	18 ² 32	20 ² 3	4 ² 18	17 ² 22	T 5
W 6	7 1 36	15 ² 34'50	22 ² 27	27 ² 57	25 ² 21	17 ² 56	9 ² 17	26 ² 36	17 ² 10	13 ² 28	17 ² 56	18 ² 27	20 ² 0	4 ² 25	17 ² 17	W 6
T 7	7 5 33	16 ² 35'59	7 ² 42	29 ² 24	26 ² 33	18 ² 24	9 ² 29	26 ² 43	17 ² 12	13 ² 31	17 ² 56	18 ² 22	19 ² 57	4 ² 31	17 ² 13	T 7
F 8	7 9 29	17 ² 37'07	22 ² 58	0 ² 52	27 ² 45	18 ² 51	9 ² 41	26 ² 50	17 ² 14	13 ² 33	17 ² 57	18 ² 19	19 ² 54	4 ² 38	17 ² 9	F 8
S 9	7 13 26	18 ² 38'14	8 ² 4	2 ² 20	28 ² 57	19 ² 18	9 ² 53	26 ² 57	17 ² 16	13 ² 35	17 ² 57	18 ² 17	19 ² 50	4 ² 45	17 ² 4	S 9
S 10	7 17 22	19 ² 39'22	22 ² 51	3 ² 48	0 ² 8	19 ² 45	10 ² 5	27 ² 3	17 ² 18	13 ² 37	17 ² 57	18 ² D17	19 ² 47	4 ² 51	17 ² 0	S 10
M 11	7 21 19	20 ² 40'29	7 ² 13	5 ² 18	1 ² 20	20 ² 12	10 ² 16	27 ² 10	17 ² 21	13 ² 39	17 ² 57	18 ² 18	19 ² 44	4 ² 58	16 ² 56	M 11
T 12	7 25 16	21 ² 41'36	21 ² 8	6 ² 48	2 ² 32	20 ² 38	10 ² 28	27 ² 17	17 ² 23	13 ² 41	17 ² 57	18 ² 19	19 ² 41	5 ² 5	16 ² 52	T 12
W 13	7 29 12	22 ² 42'42	4 ² 35	8 ² 18	3 ² 43	21 ² 4	10 ² 40	27 ² 23	17 ² 25	13 ² 43	17 ² 58	18 ² 21	19 ² 38	5 ² 11	16 ² 47	W 13
T 14	7 33 9	23 ² 43'49	17 ² 37	9 ² 49	4 ² 54	21 ² 30	10 ² 51	27 ² 30	17 ² 27	13 ² 45	17 ² 58	18 ² 22	19 ² 35	5 ² 18	16 ² 43	T 14
F 15	7 37 5	24 ² 44'55	0 ² 17	11 ² 21	6 ² 6	21 ² 56	11 ² 3	27 ² 36	17 ² 30	13 ² 48	17 ² 58	18 ² R22	19 ² 31	5 ² 25	16 ² 39	F 15
S 16	7 41 2	25 ² 46'01	12 ² 38	12 ² 53	7 ² 17	22 ² 22	11 ² 14	27 ² 43	17 ² 32	13 ² 50	17 ² 59	18 ² 21	19 ² 28	5 ² 31	16 ² 34	S 16
S 17	7 44 58	26 ² 47'07	24 ² 46	14 ² 25	8 ² 28	22 ² 47	11 ² 26	27 ² 50	17 ² 35	13 ² 52	17 ² 59	18 ² 18	19 ² 25	5 ² 38	16 ² 30	S 17
M 18	7 48 55	27 ² 48'13	6 ² 44	15 ² 59	9 ² 38	23 ² 12	11 ² 37	27 ² 56	17 ² 37	13 ² 54	17 ² 59	18 ² 16	19 ² 22	5 ² 45	16 ² 26	M 18
T 19	7 52 51	28 ² 49'18	18 ² 36	17 ² 32	10 ² 49	23 ² 37	11 ² 48	28 ² 2	17 ² 40	13 ² 56	18 ² 0	18 ² 12	19 ² 19	5 ² 52	16 ² 22	T 19
W 20	7 56 48	29 ² 50'22	0 ² 36	19 ² 7	12 ² 0	24 ² 2	11 ² 59	28 ² 9	17 ² 42	13 ² 59	18 ² 0	18 ² 9	19 ² 15	5 ² 58	16 ² 18	W 20
T 21	8 0 45	0 ² 51'26	12 ² 15	20 ² 42	13 ² 10	24 ² 26	12 ² 10	28 ² 15	17 ² 45	14 ² 1	18 ² 0	18 ² 6	19 ² 12	6 ² 5	16 ² 14	T 21
F 22	8 4 41	1 ² 52'30	24 ² 6	22 ² 17	14 ² 21	24 ² 50	12 ² 21	28 ² 22	17 ² 47	14 ² 3	18 ² 1	18 ² 4	19 ² 9	6 ² 12	16 ² 10	F 22
S 23	8 8 38	2 ² 53'32	6 ² 2	23 ² 53	15 ² 31	25 ² 14	12 ² 32	28 ² 28	17 ² 50	14 ² 5	18 ² 1	18 ² 3	19 ² 6	6 ² 18	16 ² 5	S 23
S 24	8 12 34	3 ² 54'34	18 ² 4	25 ² 30	16 ² 41	25 ² 37	12 ² 42	28 ² 34	17 ² 53	14 ² 8	18 ² 2	18 ² D 2	19 ² 3	6 ² 25	16 ² 1	S 24
M 25	8 16 31	4 ² 55'34	0 ² 14	27 ² 7	17 ² 51	26 ² 0	12 ² 53	28 ² 40	17 ² 55	14 ² 10	18 ² 2	18 ² 3	19 ² 0	6 ² 32	15 ² 57	M 25
T 26	8 20 27	5 ² 56'34	12 ² 33	28 ² 45	19 ² 1	26 ² 23	13 ² 4	28 ² 46	17 ² 58	14 ² 12	18 ² 3	18 ² 3	18 ² 56	6 ² 38	15 ² 53	T 26
W 27	8 24 24	6 ² 57'32	25 ² 5	0 ² 24	20 ² 11	26 ² 45	13 ² 14	28 ² 52	18 ² 1	14 ² 14	18 ² 4	18 ² 4	18 ² 53	6 ² 45	15 ² 50	W 27
T 28	8 28 20	7 ² 58'29	7 ² Y50	2 ² 3	21 ² 20	27 ² 8	13 ² 24	28 ² 58	18 ² 4	14 ² 17	18 ² 4	18 ² 6	18 ² 50	6 ² 52	15 ² 46	T 28
F 29	8 32 17	8 ² 59'25	20 ² 53	3 ² 43	22 ² 30	27 ² 29	13 ² 35	29 ² 4	18 ² 6	14 ² 19	18 ² 5	18 ² 6	18 ² 47	6 ² 58	15 ² 42	F 29
S 30	8 36 14	10 ² 0'20	4 ² 14	5 ² 24	23 ² 39	27 ² 51	13 ² 45	29 ² 10	18 ² 9	14 ² 21	18 ² 5	18 ² R 7	18 ² 44	7 ² 5	15 ² 38	S 30
S 31	8 40 10	11 ² 1'14	17 ² 57	7 ² 5	24 ² 48	28 ² 12	13 ² 55	29 ² 16	18 ² 12	14 ² 23	18 ² Y 6	18 ² 7	18 ² 41	7 ² 12	15 ² 34	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	8n10	4n 7	22s31	0n38	16s45	1s49	4s18	2n 0	21s 2	0n40	22s21	1n 4	5s50	0s45	16s58	0s 8	8s52	17s12	15s13	14s45	27s 8	14n48	7s33	
S 2	22 58	13 54	4 44	22 44	0 30	16 21	1 47	4 28	2 1	21 4	0 40	22 21	1 3	5 49	0 45	16 57	0 8	8 52	17 11	15 14	14 46	27 7	14 49	7 33	
S 3	22 52	19 7	5 7	22 56	0 22	15 56	1 46	4 39	2 1	21 6	0 40	22 21	1 3	5 48	0 45	16 57	0 8	8 51	17 11	15 14	14 47	27 6	14 49	7 34	
M 4	22 46	23 27	5 11	23 8	0 14	15 31	1 44	4 49	2 2	21 8	0 40	22 21	1 3	5 47	0 45	16 56	0 8	8 51	17 11	15 16	14 48	27 6	14 49	7 34	
T 5	22 40	26 25	4 55	23 18	0 7	15 6	1 43	4 59	2 2	21 10	0 40	22 22	1 3	5 47	0 45	16 56	0 8	8 50	17 10	15 17	14 49	27 5	14 50	7 34	
W 6	22 33	27 33	4 19	23 28	0s 1	14 40	1 41	5 9	2 3	21 12	0 40	22 22	1 3	5 46	0 45	16 55	0 8	8 50	17 10	15 19	14 50	27 4	14 50	7 34	
T 7	22 26	26 38	3 24	23 36	0 9	14 13	1 39	5 19	2 3	21 14	0 40	22 22	1 3	5 45	0 45	16 55	0 8	8 50	17 10	15 20	14 51	27 3	14 51	7 34	
F 8	22 18	23 43	2 14	23 43	0 16	13 47	1 37	5 29	2 4	21 16	0 40	22 22	1 3	5 44	0 45	16 54	0 8	8 49	17 9	15 21	14 52	27 2	14 51	7 34	
S 9	22 10	19 10	0 56	23 50	0 23	13 20	1 35	5 39	2 4	21 17	0 40	22 22	1 3	5 43	0 45	16 53	0 8	8 49	17 9	15 22	14 53	27 1	14 52	7 34	
S 10	22 1	13 31	0s25	23 54	0 30	12 53	1 33	5 49	2 5	21 19	0 40	22 23	1 3	5 42	0 45	16 53	0 8	8 48	17 9	15 22	14 54	27 1	14 52	7 34	
M 11	21 52	7 17	1 42	23 58	0 37	12 25	1 30	5 58	2 5	21 21	0 40	22 23	1 3	5 42	0 45	16 52	0 8	8 48	17 8	15 22	14 55	27 0	14 53	7 34	
T 12	21 43	0 54	2 51	24 1	0 44	11 57	1 28	6 8	2 5	21 22	0 40	22 23	1 3	5 41	0 45	16 52	0 8	8 48	17 8	15 21	14 56	26 59	14 53	7 34	
W 13	21 33	5s18	3 48	24 2	0 50	11 29	1 26	6 17	2 6	21 24	0 40	22 23	1 3	5 40	0 45	16 51	0 8	8 47	17 7	15 21	14 57	26 58	14 54	7 34	
T 14	21 23	11 5	4 31	24 2	0 56	11 0	1 23	6 26	2 6	21 26	0 40	22 23	1 3	5 39	0 45	16 50	0 8	8 47	17 7	15 20	14 58	26 57	14 54	7 34	
F 15	21 12	16 15	4 59	24 1	1 2	10 32	1 20	6 35	2 7	21 27	0 40	22 23	1 3	5 38	0 45	16 50	0 8	8 46	17 7	15 20	14 59	26 56	14 55	7 34	
S 16	21 1	20 37	5 13	23 58	1 8	10 3	1 18	6 45	2 7	21 29	0 40	22 23	1 3	5 37	0 45	16 49	0 8	8 46	17 6	15 21	15 0	26 55	14 55	7 34	
S 17	20 49	24 2	5 13	23 54	1 14	9 34	1 15	6 53	2 8	21 31	0 40	22 24	1 3	5 36	0 45	16 48	0 8	8 45	17 6	15 21	15 1	26 54	14 56	7 34	
M 18	20 37	26 21	4 59	23 49	1 19	9 4	1 12	7 2	2 8	21 32	0 40	22 24	1 3	5 35	0 45	16 48	0 8	8 45	17 6	15 22	15 2	26 53	14 56	7 34	
T 19	20 25	27 29	4 32	23 42	1 24	8 35	1 9	7 11	2 9	21 34	0 40	22 24	1 3	5 34	0 45	16 47	0 8	8 44	17 5	15 23	15 3	26 52	14 57	7 34	
W 20	20 12	27 21	3 54	23 34	1 29	8 5	1 6	7 20	2 9	21 35	0 40	22 24	1 3	5 33	0 45	16 47	0 8	8 44	17 5	15 24	15 4	26 51	14 58	7 34	
T 21	19 59	25 58	3 5	23 25	1 34	7 35	1 2	7 28	2 10	21 36	0 40	22 24	1 3	5 32	0 45	16 46	0 8	8 44	17 5	15 25	15 5	26 50	14 58	7 33	
F 22	19 46	23 25	2 9	23 14	1 38	7 5	0 59	7 36	2 10	21 38	0 40	22 24	1 3	5 31	0 45	16 45	0 8	8 43	17 4	15 26	15 6	26 49	14 59	7 33	
S 23	19 32	19 51	1 6	23 1	1 42	6 34	0 56	7 44	2 11	21 39	0 40	22 24	1 3	5 30	0 45	16 45	0 8	8 43	17 4	15 26	15 7	26 48	14 59	7 33	
S 24	19 18	15 26	0n 0	22 48	1 46	6 4	0 52	7 53	2 11	21 41	0 40	22 24	1 3	5 29	0 44	16 44	0 8	8 42	17 3	15 26	15 8	26 48	15 0	7 33	
M 25	19 3	10 21	1 7	22 32	1 49	5 33	0 49	8 0	2 12	21 42	0 40	22 24	1 3	5 28	0 44	16 43	0 8	8 41	17 3	15 26	15 9	26 47	15 1	7 33	
T 26	18 48	4 50	2 12	22 16	1 52	5 2	0 45	8 8	2 12	21 43	0 40	22 24	1 3	5 27	0 44	16 43	0 8	8 41	17 3	15 26	15 10	26 46	15 1	7 33	
W 27	18 33	0n58	3 11	21 58	1 55	4 32	0 41	8 16	2 13	21 45	0 40	22 24	1 3	5 25	0 44	16 42	0 8	8 40	17 2	15 26	15 11	26 45	15 2	7 32	
T 28	18 17	6 49	4 2	21 38	1 58	4 1	0 37	8 23	2 13	21 46	0 40	22 25	1 3	5 24	0 44	16 41	0 8	8 40	17 2	15 25	15 12	26 44	15 3	7 32	
F 29	18 2	12 31	4 42	21 17	2 0	3 30	0 34	8 31	2 13	21 47	0 40	22 25	1 3	5 23	0 44	16 41	0 8	8 39	17 2	15 25	15 13	26 43	15 3	7 32	
S 30	17 45	17 46	5 8	20 54	2 2	2 59	0 30	8 38	2 14	21 48	0 40	22 25	1 3	5 22	0 44	16 40	0 8	8 39	17 1	15 25	15 14	26 41	15 4	7 32	
S 31	17s29	22n16	5n17	20s30	2s 3	2s27	0s25	8s45	2n14	21s50	0n40	22s25	1n 3	5s21	0s44	16s39	0s 8	8s38	17s 1	15s25	15s15	26s40	15n 5	7s31	

ASTRODIENST EPHEMERIS for the year 1841

geocentric

FEBRUARY 1841

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 44 7	12°06'	21°0	8°47	25°57	28°33	14°5	29°22	18°15	14°26	18°7	18°R 6	18°37	7°18	15°R31	M 1
T 2	8 48 3	13°2'56	16°25	10°30	27°6	28°54	14°15	29°28	18°18	14°28	18°7	18°R 6	18°34	7°25	15°R27	T 2
W 3	8 52 0	14°3'46	1°56	12°14	28°14	29°14	14°24	29°34	18°21	14°30	18°8	18°5	18°31	7°32	15°23	W 3
T 4	8 55 56	15°4'33	16°0	13°58	29°22	29°34	14°34	29°39	18°24	14°33	18°9	18°5	18°28	7°38	15°20	T 4
F 5	8 59 53	16°5'20	0°58	15°43	0°Y31	29°53	14°43	29°45	18°27	14°35	18°9	18°5	18°25	7°45	15°17	F 5
S 6	9 3 49	17°6'05	15°53	17°29	1°39	0°M12	14°53	29°51	18°30	14°37	18°10	18°D 5	18°21	7°52	15°13	S 6
S 7	9 7 46	18°6'48	0°M37	19°16	2°46	0°31	15°2	29°56	18°33	14°39	18°11	18°R 5	18°18	7°58	15°10	S 7
M 8	9 11 43	19°7'31	15°2	21°3	3°54	0°49	15°11	0°Z 1	18°36	14°42	18°12	18°5	18°15	8°5	15°6	M 8
T 9	9 15 39	20°8'12	29°4	22°51	5°1	1°7	15°20	0°7	18°39	14°44	18°13	18°5	18°12	8°12	15°3	T 9
W10	9 19 36	21°8'52	12°41	24°39	6°8	1°24	15°29	0°12	18°42	14°46	18°13	18°4	18°9	8°19	15°0	W10
T 11	9 23 32	22°9'30	25°51	26°29	7°15	1°41	15°38	0°17	18°45	14°49	18°14	18°4	18°6	8°25	14°57	T 11
F 12	9 27 29	23°10'08	8°M38	28°19	8°22	1°58	15°47	0°23	18°49	14°51	18°15	18°3	18°2	8°32	14°54	F 12
S 13	9 31 25	24°10'45	21°4	0°H 9	9°28	2°14	15°55	0°28	18°52	14°53	18°16	18°D 3	17°59	8°39	14°51	S 13
S 14	9 35 22	25°11'20	3°A14	2°0	10°35	2°30	16°4	0°33	18°55	14°55	18°17	18°3	17°56	8°45	14°48	S 14
M15	9 39 18	26°11'54	15°12	3°51	11°41	2°45	16°12	0°38	18°58	14°58	18°18	18°4	17°53	8°52	14°45	M15
T 16	9 43 15	27°12'27	27°3	5°42	12°46	3°0	16°20	0°43	19°1	15°0	18°19	18°5	17°50	8°59	14°43	T 16
W17	9 47 12	28°12'59	8°Z51	7°33	13°52	3°14	16°28	0°48	19°5	15°2	18°20	18°6	17°47	9°5	14°40	W17
T 18	9 51 8	29°13'29	20°42	9°24	14°57	3°28	16°36	0°52	19°8	15°4	18°21	18°7	17°43	9°12	14°38	T 18
F 19	9 55 5	0°H13'57	2°A37	11°14	16°2	3°41	16°44	0°57	19°11	15°6	18°22	18°8	17°40	9°19	14°35	F 19
S 20	9 59 1	1°14'24	14°40	13°4	17°6	3°54	16°52	1°2	19°15	15°9	18°23	18°R 8	17°37	9°25	14°33	S 20
S 21	10 2 58	2°14'50	26°53	14°53	18°11	4°6	16°59	1°6	19°18	15°11	18°24	18°8	17°34	9°32	14°30	S 21
M22	10 6 54	3°15'14	9°H18	16°40	19°15	4°18	17°7	1°11	19°21	15°13	18°25	18°7	17°31	9°39	14°28	M22
T 23	10 10 51	4°15'36	21°56	18°25	20°19	4°29	17°14	1°15	19°25	15°15	18°26	18°5	17°27	9°45	14°26	T 23
W24	10 14 47	5°15'56	4°Y48	20°8	21°22	4°40	17°21	1°20	19°28	15°17	18°27	18°3	17°24	9°52	14°24	W24
T 25	10 18 44	6°16'14	17°53	21°48	22°25	4°50	17°28	1°24	19°31	15°20	18°28	18°0	17°21	9°59	14°22	T 25
F 26	10 22 41	7°16'31	1°B11	23°25	23°28	4°59	17°35	1°28	19°35	15°22	18°29	17°57	17°18	10°5	14°20	F 26
S 27	10 26 37	8°16'45	14°43	24°58	24°30	5°8	17°42	1°32	19°38	15°24	18°30	17°55	17°15	10°12	14°18	S 27
S 28	10 30 34	9°H16'58	28°B28	26°H27	25°Y32	5°M16	17°A48	1°Z36	19°H41	15°A26	18°Y31	17°A54	17°A12	10°Z19	14°B17	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	17s12	25n37	5n 8	20s 4	2s 4	1s56	0s21	8s52	2n15	21s51	0n40	22s25	1n 3	5s20	0s44	16s39	0s 8	8s38	17s 1	15s25	15s16	26s39	15n 5	7s31			
T 2	16 55	27 24	4 40	19 37	2 5	1 25	0 17	8 59	2 15	21 52	0 40	22 25	1 3	5 19	0 44	16 38	0 8	8 37	17 0	15 25	15 17	26 38	15 6	7 31			
W 3	16 37	27 20	3 52	19 9	2 5	0 54	0 13	9 6	2 16	21 53	0 40	22 25	1 3	5 17	0 44	16 38	0 8	8 37	17 0	15 25	15 17	26 37	15 7	7 30			
T 4	16 20	25 18	2 49	18 38	2 5	0 23	0 8	9 12	2 16	21 54	0 40	22 25	1 3	5 16	0 44	16 37	0 8	8 36	17 0	15 25	15 18	26 36	15 8	7 30			
F 5	16 2	21 29	1 34	18 7	2 4	0n 9	0 4	9 19	2 17	21 55	0 40	22 25	1 3	5 15	0 44	16 36	0 8	8 35	16 59	15 26	15 19	26 35	15 8	7 30			
S 6	15 43	16 17	0 12	17 33	2 3	0 40	0n 1	9 25	2 17	21 56	0 40	22 25	1 3	5 14	0 44	16 36	0 8	8 35	16 59	15 26	15 20	26 34	15 9	7 29			
S 7	15 25	10 11	1s 9	16 59	2 1	1 11	0 5	9 31	2 17	21 57	0 40	22 25	1 3	5 13	0 44	16 35	0 8	8 34	16 59	15 26	15 21	26 33	15 10	7 29			
M 8	15 6	3 41	2 24	16 23	1 59	1 42	0 10	9 37	2 18	21 58	0 40	22 25	1 3	5 11	0 44	16 34	0 8	8 34	16 58	15 26	15 22	26 32	15 10	7 29			
T 9	14 47	2s49	3 29	15 45	1 57	2 13	0 15	9 43	2 18	21 59	0 40	22 25	1 3	5 10	0 44	16 34	0 8	8 33	16 58	15 26	15 23	26 31	15 11	7 28			
W10	14 28	8 59	4 19	15 6	1 53	2 44	0 20	9 48	2 19	22 0	0 40	22 25	1 3	5 9	0 44	16 33	0 8	8 33	16 58	15 26	15 24	26 30	15 12	7 28			
T 11	14 8	14 33	4 54	14 25	1 50	3 15	0 24	9 54	2 19	22 1	0 40	22 25	1 3	5 8	0 44	16 32	0 8	8 32	16 58	15 26	15 25	26 29	15 13	7 27			
F 12	13 48	19 20	5 13	13 43	1 45	3 46	0 29	9 59	2 19	22 2	0 40	22 25	1 3	5 6	0 44	16 32	0 8	8 31	16 57	15 26	15 26	26 28	15 13	7 27			
S 13	13 28	23 8	5 17	13 0	1 41	4 17	0 34	10 5	2 20	22 3	0 40	22 25	1 3	5 5	0 44	16 31	0 8	8 31	16 57	15 26	15 27	26 26	15 14	7 27			
S 14	13 8	25 50	5 7	12 15	1 35	4 48	0 39	10 10	2 20	22 4	0 40	22 25	1 3	5 4	0 44	16 30	0 8	8 30	16 57	15 26	15 28	26 25	15 15	7 26			
M15	12 48	27 19	4 43	11 29	1 29	5 18	0 45	10 14	2 20	22 4	0 41	22 25	1 3	5 3	0 44	16 30	0 8	8 30	16 56	15 26	15 29	26 24	15 15	7 26			
T 16	12 27	27 33	4 7	10 42	1 22	5 49	0 50	10 19	2 21	22 5	0 41	22 25	1 3	5 1	0 44	16 29	0 8	8 29	16 56	15 26	15 30	26 23	15 16	7 25			
W17	12 6	26 31	3 21	9 54	1 15	6 19	0 55	10 24	2 21	22 6	0 41	22 24	1 3	5 0	0 44	16 28	0 8	8 28	16 56	15 25	15 31	26 22	15 17	7 25			
T 18	11 45	24 17	2 26	9 5	1 7	6 49	1 0	10 28	2 21	22 7	0 41	22 24	1 3	4 59	0 44	16 28	0 8	8 28	16 56	15 25	15 32	26 21	15 18	7 24			
F 19	11 24	20 58	1 25	8 15	0 58	7 19	1 6	10 32	2 22	22 8	0 41	22 24	1 3	4 57	0 44	16 27	0 8	8 27	16 55	15 25	15 33	26 20	15 18	7 24			
S 20	11 3	16 45	0 19	7 25	0 49	7 49	1 11	10 36	2 22	22 8	0 41	22 24	1 3	4 56	0 44	16 26	0 8	8 27	16 55	15 25	15 34	26 18	15 19	7 23			
S 21	10 41	11 48	0n48	6 34	0 39	8 19	1 16	10 40	2 22	22 9	0 41	22 24	1 3	4 55	0 44	16 26	0 8	8 26	16 55	15 25	15 35	26 17	15 20	7 23			
M22	10 19	6 19	1 55	5 42	0 28	8 48	1 22	10 44	2 23	22 10	0 41	22 24	1 3	4 54	0 44	16 25	0 8	8 25	16 54	15 25	15 36	26 16	15 21	7 22			
T 23	9 57	0 30	2 56	4 51	0 17	9 18	1 27	10 47	2 23	22 10	0 41	22 24	1 3	4 52	0 44	16 25	0 8	8 25	16 54	15 25	15 37	26 15	15 21	7 22			
W24	9 35	5n26	3 50	4 0	0 5	9 47	1 33	10 50	2 23	22 11	0 41	22 24	1 3	4 51	0 44	16 24	0 8	8 24	16 54	15 26	15 38	26 14	15 22	7 21			
T 25	9 13	11 13	4 33	3 9	0n 7	10 15	1 39	10 53	2 23	22 12	0 41	22 24	1 3	4 50	0 44	16 23	0 8	8 23	16 54	15 27	15 39	26 12	15 23	7 21			
F 26	8 51	16 36	5 2	2 18	0 20	10 44	1 44	10 56	2 24	22 12	0 41	22 24	1 3	4 48	0 44	16 23	0 8	8 23	16 53	15 28	15 40	26 11	15 24	7 20			
S 27	8 28	21 16	5 15	1 29	0 33	11 12	1 50	10 59	2 24	22 13	0 41	22 24	1 3	4 47	0 44	16 22	0 8	8 22	16 53	15 28	15 41	26 10	15 24	7 20			
S 28	8s 6	24n52	5n10	0s42	0n47	11n40	1n56	11s 2	2n24	22s13	0n41	22s24	1n 3	4s46	0s44	16s21	0s 8	8s22	16s53	15s29	15s42	26s 9	15n25	7s19			

Julian Day Number = 2393502.5, Delta T = 7.60 sec

Ecliptic obliquity = 23°27'43, Nutation = 0°00'12, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 22°31'17, Lahiri = 21°38'17

ASTRODIENST EPHEMERIS for the year 1841

geocentric

MARCH 1841

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 34 30	10♈17°08	12♊26	27♋51	26♌34	5♍24	17♎54	1♏40	19♐45	15♑28	18♒33	17°D54	17♓8	10♈25	14°R15	M 1
T 2	10 38 27	11°17'17	26°35	29° 9	27°35	5°31	18° 1	1°44	19°48	15°30	18°34	17°54	17° 5	10°32	14°S13	T 2
W 3	10 42 23	12°17'23	10°55	0°Y21	28°36	5°37	18° 7	1°48	19°52	15°32	18°35	17°56	17° 2	10°39	14°12	W 3
T 4	10 46 20	13°17'27	25°22	1°26	29°36	5°43	18°13	1°51	19°55	15°34	18°36	17°57	16°59	10°45	14°11	T 4
F 5	10 50 16	14°17'29	9°Ω53	2°24	0°B36	5°48	18°18	1°55	19°58	15°37	18°37	17°58	16°56	10°52	14° 9	F 5
S 6	10 54 13	15°17'29	24°23	3°14	1°36	5°52	18°24	1°59	20° 2	15°39	18°39	17°R58	16°52	10°59	14° 8	S 6
S 7	10 58 10	16°17'26	8°♐47	3°56	2°35	5°56	18°29	2° 2	20° 5	15°41	18°40	17°57	16°49	11° 5	14° 7	S 7
M 8	11 2 6	17°17'22	22°58	4°30	3°33	5°59	18°35	2° 5	20° 9	15°43	18°41	17°54	16°46	11°12	14° 6	M 8
T 9	11 6 3	18°17'16	6°♊53	4°55	4°32	6° 1	18°40	2° 9	20°12	15°45	18°42	17°50	16°43	11°19	14° 5	T 9
W10	11 9 59	19°17'08	20°28	5°11	5°29	6° 3	18°45	2°12	20°16	15°47	18°43	17°45	16°40	11°25	14° 4	W10
T 11	11 13 56	20°16'58	3°♌40	5°R18	6°26	6° 4	18°49	2°15	20°19	15°49	18°45	17°39	16°37	11°32	14° 4	T 11
F 12	11 17 52	21°16'46	16°30	5°17	7°23	6°R 4	18°54	2°18	20°22	15°51	18°46	17°35	16°33	11°39	14° 3	F 12
S 13	11 21 49	22°16'33	29° 0	5° 7	8°19	6° 4	18°59	2°21	20°26	15°52	18°47	17°31	16°30	11°45	14° 3	S 13
S 14	11 25 45	23°16'18	11°♌13	4°50	9°14	6° 2	19° 3	2°24	20°29	15°54	18°49	17°28	16°27	11°52	14° 2	S 14
M15	11 29 42	24°16'01	23°13	4°24	10° 9	6° 0	19° 7	2°27	20°33	15°56	18°50	17°D27	16°24	11°59	14° 2	M15
T 16	11 33 38	25°15'43	5°♊5	3°52	11° 3	5°57	19°11	2°29	20°36	15°58	18°51	17°28	16°21	12° 5	14° 2	T 16
W17	11 37 35	26°15'23	16°54	3°14	11°57	5°54	19°15	2°32	20°40	16° 0	18°52	17°29	16°18	12°12	14° 2	W17
T 18	11 41 32	27°15'01	28°45	2°30	12°50	5°49	19°18	2°34	20°43	16° 2	18°54	17°31	16°14	12°19	14°D 2	T 18
F 19	11 45 28	28°14'37	10°♌43	1°43	13°42	5°44	19°22	2°37	20°46	16° 4	18°55	17°32	16°11	12°25	14° 2	F 19
S 20	11 49 25	29°14'11	22°52	0°52	14°33	5°38	19°25	2°39	20°50	16° 5	18°56	17°R32	16° 8	12°32	14° 2	S 20
S 21	11 53 21	0°Y13'44	5°♋16	29°♋59	15°24	5°32	19°28	2°41	20°53	16° 7	18°58	17°31	16° 5	12°39	14° 2	S 21
M22	11 57 18	1°13'14	17°56	29° 5	16°14	5°24	19°31	2°43	20°57	16° 9	18°59	17°27	16° 2	12°45	14° 2	M22
T 23	12 1 14	2°12'42	0°Y54	28°12	17° 4	5°16	19°33	2°45	21° 0	16°11	19° 1	17°21	15°58	12°52	14° 3	T 23
W24	12 5 11	3°12'09	14° 9	27°20	17°52	5° 7	19°36	2°47	21° 3	16°12	19° 2	17°14	15°55	12°59	14° 3	W24
T 25	12 9 7	4°11'33	27°39	26°31	18°40	4°57	19°38	2°49	21° 7	16°14	19° 3	17° 6	15°52	13° 5	14° 4	T 25
F 26	12 13 4	5°10'56	11°♌23	25°44	19°26	4°47	19°40	2°51	21°10	16°16	19° 5	16°58	15°49	13°12	14° 5	F 26
S 27	12 17 1	6°10'16	25°17	25° 2	20°12	4°36	19°42	2°52	21°13	16°17	19° 6	16°51	15°46	13°19	14° 6	S 27
S 28	12 20 57	7° 9'33	9°♊17	24°23	20°57	4°23	19°44	2°54	21°17	16°19	19° 7	16°46	15°43	13°25	14° 7	S 28
M29	12 24 54	8° 8'49	23°23	23°50	21°41	4°11	19°46	2°55	21°20	16°21	19° 9	16°43	15°39	13°32	14° 8	M29
T 30	12 28 50	9° 8'02	7°♋30	23°22	22°24	3°57	19°47	2°57	21°23	16°22	19°10	16°D42	15°36	13°39	14° 9	T 30
W31	12 32 47	10°Y 7'13	21°♋38	23°♋0	23°B 5	3°♌43	19°48	2°58	21°27	16°24	19°Y12	16°42	15°33	13°45	14°S10	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	7s43	27n 3	4n47	0n 4	1n 1	12n 8	2n 1	11s 4	2n24	22s14	0n41	22s24	1n 3	4s44	0s44	16s21
T 2	7 20	27 31	4 6	0 48	1 15	12 36	2 7	11 6	2 24	22 14	0 41	22 24	1 3	4 43	0 44	16 20
W 3	6 57	26 10	3 10	1 30	1 29	13 3	2 13	11 8	2 24	22 15	0 41	22 24	1 3	4 41	0 44	16 20
T 4	6 34	23 4	2 1	2 9	1 43	13 30	2 18	11 10	2 25	22 15	0 41	22 23	1 3	4 40	0 44	16 19
F 5	6 11	18 30	0 44	2 44	1 57	13 57	2 24	11 12	2 25	22 16	0 41	22 23	1 3	4 39	0 44	16 18
S 6	5 48	12 51	0s35	3 17	2 10	14 23	2 30	11 13	2 25	22 16	0 41	22 23	1 4	4 37	0 44	16 18
S 7	5 25	6 34	1 52	3 46	2 24	14 49	2 36	11 14	2 25	22 17	0 41	22 23	1 4	4 36	0 44	16 17
M 8	5 2	0 2	3 0	4 10	2 36	15 15	2 42	11 15	2 25	22 17	0 41	22 23	1 4	4 35	0 44	16 17
T 9	4 38	6s21	3 56	4 31	2 48	15 40	2 47	11 16	2 25	22 18	0 41	22 23	1 4	4 33	0 44	16 16
W10	4 15	12 17	4 38	4 47	2 58	16 5	2 53	11 17	2 25	22 18	0 41	22 23	1 4	4 32	0 44	16 15
T 11	3 51	17 30	5 3	4 59	3 8	16 30	2 59	11 17	2 24	22 18	0 41	22 23	1 4	4 31	0 44	16 15
F 12	3 28	21 46	5 12	5 6	3 16	16 54	3 5	11 17	2 24	22 19	0 41	22 23	1 4	4 29	0 44	16 14
S 13	3 4	24 56	5 6	5 9	3 23	17 18	3 11	11 17	2 24	22 19	0 41	22 23	1 4	4 28	0 44	16 14
S 14	2 40	26 52	4 46	5 6	3 28	17 41	3 16	11 17	2 24	22 19	0 41	22 23	1 4	4 27	0 44	16 13
M15	2 17	27 31	4 14	5 0	3 32	18 4	3 22	11 16	2 24	22 20	0 41	22 23	1 4	4 25	0 44	16 13
T 16	1 53	26 52	3 31	4 49	3 34	18 27	3 28	11 16	2 24	22 20	0 41	22 22	1 4	4 24	0 44	16 12
W17	1 29	25 1	2 39	4 33	3 34	18 49	3 34	11 15	2 23	22 20	0 41	22 22	1 4	4 23	0 44	16 12
T 18	1 6	22 4	1 41	4 14	3 32	19 11	3 39	11 14	2 23	22 21	0 41	22 22	1 4	4 21	0 44	16 11
F 19	0 42	18 10	0 37	3 52	3 28	19 32	3 45	11 12	2 23	22 21	0 41	22 22	1 4	4 20	0 44	16 11
S 20	0 18	13 27	0n29	3 26	3 22	19 53	3 51	11 11	2 22	22 21	0 41	22 22	1 4	4 19	0 44	16 10
S 21	0n 5	8 7	1 35	2 58	3 15	20 14	3 56	11 9	2 22	22 21	0 41	22 22	1 4	4 17	0 44	16 9
M22	0 29	2 22	2 37	2 29	3 6	20 34	4 2	11 7	2 21	22 21	0 42	22 22	1 4	4 16	0 44	16 9
T 23	0 53	3n37	3 33	1 58	2 55	20 53	4 7	11 5	2 21	22 22	0 42	22 22	1 4	4 15	0 44	16 8
W24	1 16	9 33	4 18	1 26	2 43	21 13	4 12	11 3	2 20	22 22	0 42	22 22	1 4	4 13	0 44	16 8
T 25	1 40	15 9	4 50	0 54	2 30	21 31	4 18	11 0	2 19	22 22	0 42	22 22	1 4	4 12	0 44	16 7
F 26	2 4	20 6	5 6	0 23	2 16	21 49	4 23	10 57	2 19	22 22	0 42	22 22	1 4	4 11	0 44	16 7
S 27	2 27	24 1	5 4	0s 7	2 1	22 7	4 28	10 54	2 18	22 22	0 42	22 22	1 4	4 9	0 44	16 7
S 28	2 51	26 33	4 44	0 36	1 46	22 24	4 33	10 51	2 17	22 22	0 42	22 22	1 4	4 8	0 44	16 6
M29	3 14	27 24	4 7	1 4	1 30	22 41	4 38	10 47	2 16	22 22	0 42	22 22	1 4	4 7	0 44	16 6
T 30	3 37	26 29	3 15	1 30	1 14	22 57	4 43	10 44	2 15	22 23	0 42	22 21	1 4	4 5	0 44	16 5
W31	4n 1	23n52	2n11	1s53	0n59	23n12	4n48	10s40	2n14	22s23	0n42	22s21	1n 4	4s 4	0s44	16s 5

Julian Day Number = 2393530.5, Delta T = 7.60 sec
 Ecliptic obliquity = 23°27'43, Nutation = 0°00'12, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°31'20, Lahiri = 21°38'21

ASTRODIENST EPHEMERIS for the year 1841
geocentric

MAY 1841

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	14 35 0	10♌25'21	14♍13	16♋48	1°R11	23°R 8	18°R54	2°R48	22♋59	16♏57	19♋55	14°R 8	13♏55	17♌12	15♌32	S 1
S 2	14 38 57	11°23'30	27°46	18°19	0♏52	22♏48	18♌50	2♌46	23° 2	16°58	19°56	14♏ 3	13°51	17°19	15°36	S 2
M 3	14 42 53	12°21'36	11♏ 8	19°52	0°30	22°29	18°45	2°44	23° 4	16°59	19°58	13°55	13°48	17°25	15°40	M 3
T 4	14 46 50	13°19'40	24°20	21°26	0° 7	22°10	18°40	2°42	23° 7	16°59	19°59	13°45	13°45	17°32	15°45	T 4
W 5	14 50 46	14°17'43	7♏20	23° 3	29♌41	21°51	18°35	2°40	23° 9	17° 0	20° 0	13°32	13°42	17°39	15°49	W 5
T 6	14 54 43	15°15'44	20° 7	24°42	29°13	21°34	18°30	2°37	23°11	17° 0	20° 2	13°19	13°39	17°45	15°53	T 6
F 7	14 58 39	16°13'43	2♌40	26°22	28°44	21°17	18°25	2°35	23°14	17° 1	20° 3	13° 6	13°35	17°52	15°57	F 7
S 8	15 2 36	17°11'41	14°59	28° 5	28°13	21° 0	18°20	2°33	23°16	17° 1	20° 4	12°55	13°32	17°59	16° 2	S 8
S 9	15 6 32	18° 9'38	27° 6	29°49	27°40	20°44	18°14	2°30	23°18	17° 1	20° 5	12°46	13°29	18° 5	16° 6	S 9
M10	15 10 29	19° 7'33	9♌ 3	1♌35	27° 5	20°29	18° 8	2°28	23°21	17° 2	20° 7	12°40	13°26	18°12	16°11	M10
T 11	15 14 26	20° 5'27	20°53	3°24	26°30	20°15	18° 2	2°25	23°23	17° 2	20° 8	12°36	13°23	18°19	16°15	T 11
W12	15 18 22	21° 3'19	2♏41	5°14	25°54	20° 1	17°56	2°23	23°25	17° 2	20° 9	12°34	13°20	18°25	16°20	W12
T 13	15 22 19	22° 1'10	14°32	7° 7	25°17	19°48	17°50	2°20	23°27	17° 3	20°10	12°D34	13°16	18°32	16°25	T 13
F 14	15 26 15	22°59'00	26°31	9° 1	24°39	19°36	17°44	2°17	23°29	17° 3	20°12	12°R34	13°13	18°39	16°29	F 14
S 15	15 30 12	23°56'49	8♋43	10°57	24° 1	19°24	17°38	2°14	23°32	17° 3	20°13	12°33	13°10	18°45	16°34	S 15
S 16	15 34 8	24°54'36	21°13	12°55	23°24	19°14	17°31	2°11	23°34	17° 3	20°14	12°31	13° 7	18°52	16°39	S 16
M17	15 38 5	25°52'23	4♋ 7	14°55	22°46	19° 4	17°25	2° 8	23°36	17° 3	20°15	12°26	13° 4	18°59	16°44	M17
T 18	15 42 1	26°50'08	17°26	16°57	22° 9	18°54	17°18	2° 5	23°38	17° 3	20°16	12°19	13° 1	19° 5	16°49	T 18
W19	15 45 58	27°47'52	1♌12	19° 0	21°33	18°46	17°12	2° 2	23°39	17° 3	20°18	12° 9	12°57	19°12	16°54	W19
T 20	15 49 55	28°45'35	15°22	21° 5	20°58	18°39	17° 5	1°58	23°41	17°R 3	20°19	11°58	12°54	19°18	17° 0	T 20
F 21	15 53 51	29°43'17	29°53	23°12	20°24	18°32	16°58	1°55	23°43	17° 3	20°20	11°48	12°51	19°25	17° 5	F 21
S 22	15 57 48	0♏40'57	14♏37	25°20	19°51	18°26	16°51	1°52	23°45	17° 3	20°21	11°38	12°48	19°32	17°10	S 22
S 23	16 1 44	1°38'37	29°26	27°29	19°20	18°21	16°44	1°48	23°47	17° 3	20°22	11°30	12°45	19°38	17°15	S 23
M24	16 5 41	2°36'15	14♌13	29°40	18°50	18°17	16°37	1°45	23°49	17° 3	20°23	11°25	12°41	19°45	17°21	M24
T 25	16 9 37	3°33'51	28°49	1♏51	18°23	18°13	16°29	1°41	23°50	17° 3	20°24	11°23	12°38	19°52	17°26	T 25
W26	16 13 34	4°31'26	13♏12	4° 2	17°57	18°11	16°22	1°38	23°52	17° 3	20°26	11°D22	12°35	19°58	17°32	W26
T 27	16 17 30	5°28'59	27°19	6°14	17°34	18° 9	16°15	1°34	23°53	17° 2	20°27	11°23	12°32	20° 5	17°37	T 27
F 28	16 21 27	6°26'31	11♍ 9	8°26	17°12	18° 8	16° 7	1°30	23°55	17° 2	20°28	11°R23	12°29	20°12	17°43	F 28
S 29	16 25 24	7°24'02	24°43	10°38	16°53	18°D 8	16° 0	1°26	23°56	17° 2	20°29	11°21	12°26	20°18	17°48	S 29
S 30	16 29 20	8°21'31	8♏ 1	12°49	16°36	18° 8	15°52	1°23	23°58	17° 2	20°30	11°18	12°22	20°25	17°54	S 30
M31	16 33 17	9♏18'59	21♏ 6	15♏ 0	16♌22	18♏10	15♌45	1♌19	23♋59	17♏ 1	20°Y31	11♏12	12♏19	20♌32	18♏ 0	M31

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n58	3n53	2s32	4n 3	2s46	25n39	5n22	7s52	1n13	22s18	0n42	22s21	1n 5	3s28	0s44	15s55	0s 9	7s48	16s49	16s36	16s40	24s39	15n54	6s42
S 2	15 16	2s18	3 28	4 40	2 44	25 30	5 16	7 47	1 11	22 18	0 42	22 21	1 5	3 27	0 44	15 55	0 9	7 47	16 49	16 38	16 41	24 38	15 54	6 41
M 3	15 34	8 17	4 13	5 17	2 41	25 19	5 10	7 42	1 8	22 17	0 42	22 21	1 5	3 26	0 44	15 55	0 9	7 47	16 49	16 40	16 42	24 36	15 54	6 41
T 4	15 51	13 50	4 43	5 56	2 37	25 7	5 3	7 38	1 5	22 17	0 42	22 21	1 5	3 25	0 45	15 55	0 9	7 47	16 50	16 43	16 43	24 34	15 54	6 40
W 5	16 9	18 40	4 58	6 36	2 33	24 54	4 55	7 33	1 3	22 17	0 42	22 21	1 5	3 24	0 45	15 54	0 9	7 46	16 50	16 46	16 44	24 33	15 54	6 40
T 6	16 26	22 34	4 58	7 16	2 29	24 40	4 47	7 29	1 0	22 16	0 42	22 21	1 5	3 23	0 45	15 54	0 9	7 46	16 50	16 50	16 45	24 31	15 54	6 39
F 7	16 42	25 20	4 43	7 57	2 23	24 25	4 38	7 25	0 57	22 16	0 42	22 21	1 5	3 22	0 45	15 54	0 9	7 46	16 50	16 54	16 46	24 29	15 54	6 39
S 8	16 59	26 50	4 15	8 39	2 18	24 8	4 29	7 21	0 55	22 15	0 42	22 21	1 5	3 21	0 45	15 54	0 9	7 45	16 50	16 57	16 46	24 27	15 54	6 38
S 9	17 15	27 2	3 36	9 22	2 12	23 51	4 19	7 18	0 52	22 15	0 42	22 21	1 5	3 21	0 45	15 54	0 9	7 45	16 50	17 0	16 47	24 26	15 54	6 38
M10	17 31	25 56	2 48	10 5	2 5	23 33	4 8	7 15	0 49	22 14	0 42	22 21	1 5	3 20	0 45	15 54	0 9	7 45	16 50	17 2	16 48	24 24	15 54	6 37
T 11	17 47	23 41	1 52	10 49	1 58	23 13	3 57	7 12	0 47	22 14	0 42	22 21	1 5	3 19	0 45	15 54	0 10	7 44	16 51	17 3	16 49	24 22	15 54	6 37
W12	18 2	20 25	0 52	11 33	1 50	22 53	3 45	7 9	0 44	22 14	0 42	22 21	1 5	3 18	0 45	15 54	0 10	7 44	16 51	17 3	16 50	24 21	15 54	6 36
T 13	18 17	16 19	0n10	12 17	1 42	22 32	3 33	7 7	0 41	22 13	0 41	22 21	1 5	3 17	0 45	15 54	0 10	7 44	16 51	17 3	16 51	24 19	15 54	6 36
F 14	18 32	11 32	1 13	13 2	1 34	22 11	3 20	7 5	0 39	22 13	0 41	22 21	1 5	3 16	0 45	15 54	0 10	7 43	16 51	17 3	16 52	24 17	15 54	6 35
S 15	18 47	6 14	2 14	13 47	1 25	21 49	3 7	7 3	0 36	22 12	0 41	22 21	1 5	3 16	0 45	15 54	0 10	7 43	16 51	17 3	16 53	24 16	15 54	6 35
S 16	19 1	0 35	3 10	14 32	1 16	21 26	2 53	7 1	0 34	22 11	0 41	22 21	1 5	3 15	0 45	15 54	0 10	7 43	16 51	17 4	16 54	24 14	15 54	6 34
M17	19 15	5n16	3 58	15 16	1 6	21 3	2 40	7 0	0 31	22 11	0 41	22 21	1 5	3 14	0 45	15 54	0 10	7 43	16 52	17 5	16 55	24 12	15 54	6 34
T 18	19 28	11 4	4 34	16 1	0 56	20 40	2 26	6 58	0 28	22 10	0 41	22 21	1 5	3 13	0 45	15 54	0 10	7 42	16 52	17 7	16 56	24 10	15 53	6 34
W19	19 41	16 32	4 56	16 45	0 46	20 17	2 12	6 58	0 26	22 10	0 41	22 21	1 5	3 13	0 45	15 54	0 10	7 42	16 52	17 10	16 56	24 9	15 53	6 33
T 20	19 54	21 15	5 1	17 28	0 36	19 54	1 57	6 57	0 23	22 9	0 41	22 22	1 5	3 12	0 45	15 54	0 10	7 42	16 52	17 13	16 57	24 7	15 53	6 33
F 21	20 7	24 49	4 47	18 11	0 25	19 31	1 43	6 57	0 21	22 9	0 41	22 22	1 5	3 11	0 45	15 54	0 10	7 42	16 52	17 16	16 58	24 5	15 53	6 32
S 22	20 19	26 47	4 14	18 52	0 15	19 8	1 29	6 57	0 18	22 8	0 41	22 22	1 5	3 10	0 45	15 54	0 10	7 41	16 53	17 19	16 59	24 3	15 53	6 32
S 23	20 31	26 51	3 23	19 33	0 4	18 46	1 14	6 57	0 16	22 7	0 41	22 22	1 5	3 10	0 45	15 54	0 10	7 41	16 53	17 21	17 0	24 1	15 52	6 32
M24	20 42	25 1	2 19	20 12	0n 6	18 24	1 0	6 58	0 14	22 7	0 41	22 22	1 5	3 9	0 45	15 54	0 10	7 41	16 53	17 22	17 1	24 0	15 52	6 31
T 25	20 53	21 30	1 6	20 49	0 17	18 3	0 46	6 59	0 11	22 6	0 41	22 22	1 5	3 8	0 45	15 54	0 10	7 41	16 53	17 23	17 2	23 58	15 52	6 31
W26	21 4	16 43	0s10	21 25	0 27	17 43	0 32	7 0	0 9	22 5	0 41	22 22	1 5	3 8	0 45	15 54	0 10	7 41	16 54	17 23	17 3	23 56	15 52	6 30
T 27	21 14	11 6	1 24	21 59	0 37	17 23	0 19	7 1	0 7	22 5	0 40	22 22	1 5	3 7	0 45	15 54	0 10	7 41	16 54	17 23	17 4	23 54	15 51	6 30
F 28	21 24	5 3	3 22	22 30	0 47	17 4	0 5	7 3	0 4	22 4	0 40	22 22	1 5	3 7	0 45	15 54	0 10	7 40	16 54	17 23	17 5	23 52	15 51	6 30
S 29	21 34	1s 6	3 30	23 0	0 56	16 46	0s 8	7 5	0 2	22 3	0 40	22 22	1 5	3 6	0 45	15 54	0 10	7 40	16 54	17 23	17 5	23 51	15 51	6 29
S 30	21 43	7 5	4 15	23 26	1 5	16 29	0 20	7 7	0s 0	22 3	0 40	22 22	1 5	3 6	0 45	15 54	0 10	7 40	16 55	17 24	17 6	23 49	15 50	6 29
M31	21n52	12s39	4s46	23n50	1n14	16n14	0s33	7s10	0s 2	22s 2	0n40	22s22	1n 5	3s 5	0s45	15s54	0s10	7s40	16s55	17s26	17s 7	23s47	15n50	6s29

ASTRODIENST EPHEMERIS for the year 1841

geocentric

JUNE 1841

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 37 13	10 ^{II} 16'26	3 ^{III} 58	17 ^{II} 9	16°R10	18 ^{II} 12	15°R37	1°R15	24 ^{II} 1	17°R 1	20 ^{II} 32	11°R 4	12 ^{II} 16	20 ^{II} 38	18 ^{II} 6	T 1
W 2	16 41 10	11°13'51	16°38	19°17	16° 0	18°15	15° ^{II} 30	1 ^{II} 11	24° 2	17° ^{II} 0	20°33	10° ^{II} 54	12°13	20°45	18°11	W 2
T 3	16 45 6	12°11'16	29° 7	21°24	15°53	18°19	15°22	1° 7	24° 3	17° 0	20°34	10°44	12°10	20°52	18°17	T 3
F 4	16 49 3	13° 8'40	11 ^{II} 25	23°28	15°48	18°23	15°14	1° 3	24° 5	17° 0	20°35	10°33	12° 7	20°58	18°23	F 4
S 5	16 52 59	14° 6'02	23°33	25°32	15°46	18°28	15° 7	0°59	24° 6	16°59	20°35	10°24	12° 3	21° 5	18°29	S 5
S 6	16 56 56	15° 3'24	5 ^{II} 32	27°33	15°D46	18°34	14°59	0°54	24° 7	16°59	20°36	10°17	12° 0	21°12	18°35	S 6
M 7	17 0 53	16° 0'46	17°24	29°32	15°48	18°41	14°52	0°50	24° 8	16°58	20°37	10°12	11°57	21°18	18°41	M 7
T 8	17 4 49	16°58'06	29°13	1 ^{II} 28	15°52	18°48	14°44	0°46	24° 9	16°57	20°38	10° 9	11°54	21°25	18°47	T 8
W 9	17 8 46	17°55'26	11 ^{II} 0	3°23	15°59	18°56	14°36	0°42	24°10	16°57	20°39	10°D 9	11°51	21°32	18°53	W 9
T 10	17 12 42	18°52'45	22°50	5°15	16° 8	19° 5	14°29	0°38	24°11	16°56	20°40	10° 9	11°47	21°38	19° 0	T 10
F 11	17 16 39	19°50'04	4 ^{II} 49	7° 5	16°19	19°14	14°21	0°33	24°12	16°56	20°41	10°10	11°44	21°45	19° 6	F 11
S 12	17 20 35	20°47'23	17° 0	8°52	16°32	19°24	14°13	0°29	24°13	16°55	20°42	10°R11	11°41	21°52	19°12	S 12
S 13	17 24 32	21°44'41	29°29	10°37	16°48	19°35	14° 6	0°25	24°14	16°54	20°42	10°11	11°38	21°58	19°18	S 13
M14	17 28 28	22°41'58	12 ^{II} 21	12°20	17° 5	19°46	13°58	0°20	24°14	16°53	20°43	10° 9	11°35	22° 5	19°25	M14
T 15	17 32 25	23°39'16	25°39	14° 0	17°24	19°58	13°51	0°16	24°15	16°53	20°44	10° 5	11°32	22°12	19°31	T 15
W16	17 36 22	24°36'33	9 ^{II} 25	15°37	17°44	20°10	13°43	0°12	24°16	16°52	20°45	10° 0	11°28	22°18	19°37	W16
T 17	17 40 18	25°33'50	23°39	17°12	18° 7	20°23	13°36	0° 7	24°16	16°51	20°45	9°54	11°25	22°25	19°44	T 17
F 18	17 44 15	26°31'06	8 ^{II} 17	18°45	18°31	20°37	13°29	0° 3	24°17	16°50	20°46	9°47	11°22	22°32	19°50	F 18
S 19	17 48 11	27°28'23	23°13	20°15	18°57	20°51	13°22	29 ^{II} 58	24°17	16°49	20°47	9°41	11°19	22°38	19°57	S 19
S 20	17 52 8	28°25'39	8 ^{II} 18	21°42	19°24	21° 6	13°14	29°54	24°18	16°48	20°47	9°37	11°16	22°45	20° 3	S 20
M21	17 56 4	29°22'54	23°23	23° 7	19°53	21°22	13° 7	29°50	24°18	16°47	20°48	9°34	11°13	22°51	20°10	M21
T 22	18 0 1	0 ^{II} 20'09	8 ^{II} 19	24°29	20°24	21°38	13° 0	29°45	24°19	16°46	20°49	9°D33	11° 9	22°58	20°16	T 22
W23	18 3 58	1°17'23	22°59	25°49	20°55	21°54	12°53	29°41	24°19	16°45	20°49	9°33	11° 6	23° 5	20°23	W23
T 24	18 7 54	2°14'37	7 ^{II} 19	27° 6	21°28	22°12	12°46	29°36	24°19	16°44	20°50	9°35	11° 3	23°11	20°29	T 24
F 25	18 11 51	3°11'50	21°17	28°20	22° 3	22°29	12°40	29°32	24°20	16°43	20°50	9°36	11° 0	23°18	20°36	F 25
S 26	18 15 47	4° 9'03	4 ^{II} 52	29°31	22°38	22°47	12°33	29°27	24°20	16°42	20°51	9°R36	10°57	23°25	20°43	S 26
S 27	18 19 44	5° 6'15	18° 6	0 ^{II} 40	23°15	23° 6	12°26	29°23	24°20	16°41	20°51	9°36	10°53	23°31	20°49	S 27
M28	18 23 40	6° 3'26	1 ^{II} 2	1°45	23°53	23°25	12°20	29°19	24°20	16°40	20°52	9°33	10°50	23°38	20°56	M28
T 29	18 27 37	7° 0'38	13°41	2°48	24°32	23°45	12°13	29°14	24°R20	16°39	20°52	9°30	10°47	23°45	21° 3	T 29
W30	18 31 33	7 ^{II} 57'49	26 ^{II} 7	3 ^{II} 47	25° ^{II} 12	24 ^{II} 5	12° ^{II} 7	29° ^{II} 10	24° ^{II} 20	16° ^{II} 38	20° ^{II} 53	9° ^{II} 25	10° ^{II} 44	23° ^{II} 51	21° ^{II} 9	W30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	22n 1	17s35	5s 2	24n12	1n22	15n59	0s45	7s13	0s 5	22s 1	0n40	22s22	1n 5	3s 5	0s45	T 1
W 2	22 9	21 39	5 3	24 30	1 29	15 45	0 56	7 16	0 7	22 1	0 40	22 22	1 5	3 4	0 45	W 2
T 3	22 16	24 40	4 49	24 46	1 36	15 32	1 7	7 19	0 9	22 0	0 40	22 23	1 5	3 4	0 45	T 3
F 4	22 24	26 29	4 22	25 0	1 42	15 20	1 18	7 23	0 11	21 59	0 40	22 23	1 5	3 3	0 45	F 4
S 5	22 31	27 1	3 43	25 10	1 47	15 10	1 28	7 27	0 13	21 59	0 39	22 23	1 5	3 3	0 46	S 5
S 6	22 37	26 15	2 55	25 18	1 51	15 0	1 38	7 31	0 15	21 58	0 39	22 23	1 5	3 2	0 46	S 6
M 7	22 44	24 18	1 59	25 23	1 55	14 52	1 48	7 35	0 17	21 57	0 39	22 23	1 5	3 2	0 46	M 7
T 8	22 49	21 17	0 59	25 25	1 58	14 44	1 57	7 40	0 19	21 56	0 39	22 23	1 5	3 1	0 46	T 8
W 9	22 55	17 25	0n 5	25 26	2 0	14 38	2 6	7 44	0 21	21 56	0 39	22 23	1 5	3 1	0 46	W 9
T 10	23 0	12 51	1 8	25 23	2 2	14 33	2 14	7 49	0 23	21 55	0 39	22 23	1 5	3 1	0 46	T 10
F 11	23 4	7 45	2 9	25 19	2 3	14 28	2 22	7 55	0 24	21 54	0 39	22 23	1 4	3 0	0 46	F 11
S 12	23 8	2 17	3 6	25 12	2 3	14 25	2 29	8 0	0 26	21 53	0 39	22 23	1 4	3 0	0 46	S 12
S 13	23 12	3n23	3 55	25 4	2 2	14 22	2 36	8 6	0 28	21 53	0 38	22 23	1 4	3 0	0 46	S 13
M14	23 16	9 5	4 34	24 53	2 1	14 21	2 43	8 12	0 30	21 52	0 38	22 23	1 4	3 0	0 46	M14
T 15	23 19	14 34	4 59	24 41	1 58	14 20	2 49	8 18	0 31	21 51	0 38	22 23	1 4	2 59	0 46	T 15
W16	23 21	19 31	5 9	24 27	1 55	14 20	2 55	8 24	0 33	21 50	0 38	22 24	1 4	2 59	0 46	W16
T 17	23 23	23 32	5 0	24 12	1 52	14 21	3 1	8 31	0 35	21 50	0 38	22 24	1 4	2 59	0 46	T 17
F 18	23 25	26 11	4 32	23 56	1 48	14 23	3 6	8 37	0 36	21 49	0 38	22 24	1 4	2 59	0 46	F 18
S 19	23 26	27 2	3 45	23 38	1 43	14 25	3 11	8 44	0 38	21 48	0 38	22 24	1 4	2 58	0 46	S 19
S 20	23 27	25 53	2 41	23 19	1 37	14 28	3 15	8 51	0 40	21 47	0 37	22 24	1 4	2 58	0 46	S 20
M21	23 28	22 52	1 27	22 58	1 31	14 31	3 19	8 58	0 41	21 47	0 37	22 24	1 4	2 58	0 46	M21
T 22	23 28	18 19	0 7	22 37	1 24	14 36	3 23	9 6	0 43	21 46	0 37	22 24	1 4	2 58	0 46	T 22
W23	23 27	12 43	1s13	22 16	1 17	14 40	3 27	9 13	0 44	21 45	0 37	22 24	1 4	2 58	0 46	W23
T 24	23 27	6 35	2 26	21 53	1 9	14 46	3 30	9 21	0 46	21 45	0 37	22 24	1 4	2 58	0 46	T 24
F 25	23 25	0 17	3 28	21 30	1 0	14 52	3 33	9 29	0 47	21 44	0 37	22 24	1 3	2 58	0 46	F 25
S 26	23 24	5s52	4 17	21 6	0 51	14 58	3 36	9 37	0 48	21 43	0 36	22 24	1 3	2 58	0 46	S 26
S 27	23 22	11 35	4 51	20 42	0 41	15 5	3 38	9 45	0 50	21 43	0 36	22 24	1 3	2 58	0 46	S 27
M28	23 19	16 39	5 9	20 18	0 31	15 12	3 41	9 54	0 51	21 42	0 36	22 24	1 3	2 58	0 46	M28
T 29	23 17	20 54	5 11	19 53	0 20	15 19	3 43	10 2	0 52	21 41	0 36	22 24	1 3	2 58	0 46	T 29
W30	23n13	24s 8	4s59	19n28	0n 9	15n27	3s44	10s11	0s54	21s41	0n36	22s25	1n 3	2s58	0s46	W30

Julian Day Number = 2393622.5, Delta T = 7.60 sec

Ecliptic obliquity = 23°27'41, Nutation = 0°00'12, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 22°31'33, Lahiri = 21°38'33

ASTRODIENST EPHEMERIS for the year 1841
geocentric

JULY 1841

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	18 35 30	8 ⁵⁵ 00	8 ²²	4 ⁴³	25 ⁵³	24 ²⁶	12°R 1	29°R 6	24°R20	16°R36	20°R53	9°R20	10 ⁴¹	23 ⁵⁸	21 ¹⁶	T 1
F 2	18 39 27	9°52'10	20°27	5°36	26°36	24°47	11 ⁵⁵	29 ¹	24 ²⁰	16 ³⁵	20°54	9 ¹⁵	10°38	24° 5	21°23	F 2
S 3	18 43 23	10°49'21	2 ²⁵	6°26	27°19	25° 8	11°49	28°57	24°20	16°34	20°54	9°10	10°34	24°11	21°30	S 3
S 4	18 47 20	11°46'31	14°17	7°11	28° 3	25°30	11°43	28°53	24°19	16°33	20°54	9° 7	10°31	24°18	21°36	S 4
M 5	18 51 16	12°43'42	26° 6	7°54	28°48	25°53	11°38	28°49	24°19	16°31	20°55	9° 5	10°28	24°25	21°43	M 5
T 6	18 55 13	13°40'53	7 ⁵³	8°32	29°33	26°15	11°32	28°44	24°19	16°30	20°55	9°D 4	10°25	24°31	21°50	T 6
W 7	18 59 9	14°38'03	19°42	9° 7	0 ²⁰	26°38	11°27	28°40	24°19	16°29	20°56	9° 5	10°22	24°38	21°57	W 7
T 8	19 3 6	15°35'15	1 ³⁶	9°37	1° 7	27° 2	11°22	28°36	24°18	16°28	20°56	9° 6	10°19	24°45	22° 4	T 8
F 9	19 7 2	16°32'26	13°37	10° 3	1°56	27°26	11°16	28°32	24°18	16°26	20°56	9° 8	10°15	24°51	22°10	F 9
S 10	19 10 59	17°29'38	25°50	10°25	2°45	27°50	11°11	28°28	24°17	16°25	20°56	9° 9	10°12	24°58	22°17	S 10
S 11	19 14 56	18°26'50	8 ²⁰	10°42	3°34	28°15	11° 7	28°24	24°17	16°23	20°57	9°10	10° 9	25° 5	22°24	S 11
M12	19 18 52	19°24'03	21° 9	10°55	4°24	28°40	11° 2	28°20	24°16	16°22	20°57	9°R10	10° 6	25°11	22°31	M12
T 13	19 22 49	20°21'17	4 ²²	11° 3	5°15	29° 6	10°58	28°16	24°16	16°21	20°57	9°10	10° 3	25°18	22°38	T 13
W14	19 26 45	21°18'31	18° 2	11°R 6	6° 7	29°32	10°53	28°12	24°15	16°19	20°57	9° 9	9°59	25°24	22°45	W14
T 15	19 30 42	22°15'46	2 ¹¹	9 11° 5	6°59	29°58	10°49	28° 8	24°14	16°18	20°57	9° 7	9°56	25°31	22°52	T 15
F 16	19 34 38	23°13'02	16°41	10°59	7°52	0 ²⁵	10°45	28° 4	24°13	16°16	20°57	9° 5	9°53	25°38	22°59	F 16
S 17	19 38 35	24°10'18	1 ³⁴	10°47	8°46	0°52	10°41	28° 1	24°13	16°15	20°58	9° 3	9°50	25°44	23° 5	S 17
S 18	19 42 31	25° 7'35	16°41	10°31	9°39	1°19	10°37	27°57	24°12	16°13	20°58	9° 2	9°47	25°51	23°12	S 18
M19	19 46 28	26° 4'53	1 ⁵³	10°11	10°34	1°46	10°34	27°53	24°11	16°12	20°58	9°D 1	9°44	25°58	23°19	M19
T 20	19 50 25	27° 2'11	17° 0	9°46	11°29	2°14	10°31	27°50	24°10	16°10	20°58	9° 1	9°40	26° 4	23°26	T 20
W21	19 54 21	27°59'29	1 ⁵⁴	9°17	12°24	2°43	10°27	27°46	24° 9	16° 9	20°R58	9° 2	9°37	26°11	23°33	W21
T 22	19 58 18	28°56'47	16°27	8°44	13°20	3°11	10°24	27°43	24° 8	16° 7	20°58	9° 2	9°34	26°18	23°40	T 22
F 23	20 2 14	29°54'06	0 ³⁶	8° 7	14°17	3°40	10°22	27°39	24° 7	16° 6	20°58	9° 3	9°31	26°24	23°47	F 23
S 24	20 6 11	0 ⁵¹ 26	14°19	7°28	15°14	4° 9	10°19	27°36	24° 6	16° 4	20°58	9° 4	9°28	26°31	23°54	S 24
S 25	20 10 7	1°48'46	27°37	6°47	16°11	4°39	10°17	27°33	24° 5	16° 3	20°58	9°R 4	9°25	26°38	24° 1	S 25
M26	20 14 4	2°46'06	10 ³¹	6° 4	17° 9	5° 9	10°14	27°30	24° 3	16° 1	20°57	9° 4	9°21	26°44	24° 7	M26
T 27	20 18 0	3°43'27	23° 6	5°20	18° 7	5°39	10°12	27°27	24° 2	15°59	20°57	9° 4	9°18	26°51	24°14	T 27
W28	20 21 57	4°40'48	5 ²⁵	4°35	19° 5	6° 9	10°10	27°23	24° 1	15°58	20°57	9° 3	9°15	26°58	24°21	W28
T 29	20 25 54	5°38'10	17°31	3°52	20° 4	6°40	10° 9	27°20	24° 0	15°56	20°57	9° 3	9°12	27° 4	24°28	T 29
F 30	20 29 50	6°35'33	29°28	3°10	21° 3	7°11	10° 7	27°18	23°58	15°55	20°57	9° 2	9° 9	27°11	24°35	F 30
S 31	20 33 47	7 ³² 56	11 ¹⁹	2 ³⁰	22 ¹¹	7 ⁴²	10 ¹⁷	27 ¹⁵	23 ⁵⁷	15 ⁵³	20 ⁵⁷	9 ²	9 ⁵	27 ¹⁷	24 ⁴²	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
T 1	23n10	26s13	4s33	19n 4	0s 2	15n35	3s46	10s20	0s55	21s40	0n35	22s25	1n 3	2s58	0s46	16s 2	0s10	7s41	17s 4	17s56	17s34	22s48	15n29	6s22	
F 2	23 6	27 2	3 56	18 39	0 14	15 44	3 47	10 29	0 56	21 39	0 35	22 25	1 3	2 58	0 47	16 3	0 10	7 41	17 5	17 57	17 35	22 46	15 29	6 22	
S 3	23 1	26 34	3 8	18 15	0 27	15 52	3 48	10 38	0 58	21 39	0 35	22 25	1 3	2 58	0 47	16 3	0 10	7 41	17 5	17 59	17 36	22 44	15 28	6 21	
S 4	22 56	24 53	2 12	17 51	0 40	16 1	3 49	10 47	0 59	21 38	0 35	22 25	1 3	2 58	0 47	16 3	0 10	7 41	17 5	18 0	17 37	22 42	15 27	6 21	
M 5	22 51	22 7	1 11	17 27	0 53	16 10	3 50	10 56	1 0	21 38	0 35	22 25	1 2	2 58	0 47	16 4	0 10	7 41	17 6	18 0	17 38	22 40	15 26	6 21	
T 6	22 45	18 25	0 7	17 4	1 7	16 20	3 50	11 6	1 1	21 37	0 35	22 25	1 2	2 58	0 47	16 4	0 10	7 42	17 6	18 0	17 39	22 38	15 25	6 21	
W 7	22 39	14 0	0n58	16 42	1 21	16 29	3 50	11 15	1 2	21 36	0 34	22 25	1 2	2 59	0 47	16 5	0 10	7 42	17 6	18 0	17 40	22 36	15 24	6 21	
T 8	22 33	9 2	2 1	16 20	1 35	16 39	3 50	11 25	1 3	21 36	0 34	22 25	1 2	2 59	0 47	16 5	0 10	7 42	17 7	18 0	17 40	22 34	15 23	6 21	
F 9	22 26	3 41	2 59	15 59	1 49	16 48	3 50	11 34	1 5	21 35	0 34	22 25	1 2	2 59	0 47	16 5	0 10	7 42	17 7	17 59	17 41	22 32	15 22	6 21	
S 10	22 19	1n52	3 50	15 40	2 4	16 58	3 50	11 44	1 6	21 35	0 34	22 25	1 2	2 59	0 47	16 6	0 10	7 43	17 7	17 59	17 42	22 29	15 21	6 21	
S 11	22 11	7 28	4 32	15 21	2 18	17 8	3 49	11 54	1 7	21 34	0 34	22 25	1 2	2 59	0 47	16 6	0 10	7 43	17 8	17 59	17 43	22 27	15 20	6 21	
M12	22 3	12 54	5 1	15 3	2 33	17 18	3 49	12 4	1 8	21 34	0 33	22 25	1 2	3 0	0 47	16 7	0 10	7 43	17 8	17 59	17 44	22 25	15 19	6 21	
T 13	21 55	17 55	5 15	14 47	2 47	17 28	3 48	12 14	1 9	21 34	0 33	22 25	1 2	3 0	0 47	16 7	0 11	7 43	17 9	17 59	17 45	22 23	15 18	6 21	
W14	21 46	22 13	5 12	14 33	3 2	17 37	3 47	12 24	1 10	21 33	0 33	22 26	1 1	3 0	0 47	16 8	0 11	7 44	17 9	17 59	17 46	22 21	15 16	6 21	
T 15	21 37	25 22	4 51	14 19	3 16	17 47	3 46	12 34	1 11	21 33	0 33	22 26	1 1	3 1	0 47	16 8	0 11	7 44	17 9	18 0	17 46	22 19	15 15	6 21	
F 16	21 28	26 57	4 11	14 8	3 29	17 57	3 45	12 45	1 12	21 32	0 33	22 26	1 1	3 1	0 47	16 9	0 11	7 44	17 10	18 0	17 47	22 17	15 14	6 21	
S 17	21 18	26 40	3 13	13 58	3 43	18 6	3 43	12 55	1 13	21 32	0 32	22 26	1 1	3 1	0 47	16 9	0 11	7 44	17 10	18 1	17 48	22 15	15 13	6 21	
S 18	21 8	24 25	2 1	13 51	3 55	18 16	3 42	13 6	1 14	21 32	0 32	22 26	1 1	3 2	0 47	16 9	0 11	7 45	17 10	18 1	17 49	22 13	15 12	6 21	
M19	20 57	20 24	0 39	13 45	4 7	18 25	3 40	13 16	1 15	21 31	0 32	22 26	1 1	3 2	0 47	16 10	0 11	7 45	17 11	18 1	17 50	22 11	15 11	6 21	
T 20	20 46	15 3	0s44	13 41	4 18	18 35	3 38	13 27	1 15	21 31	0 32	22 26	1 1	3 2	0 47	16 10	0 11	7 45	17 11	18 1	17 51	22 9	15 10	6 21	
W21	20 35	8 53	2 4	13 39	4 28	18 44	3 36	13 37	1 16	21 31	0 32	22 26	1 1	3 3	0 47	16 11	0 11	7 46	17 11	18 1	17 52	22 7	15 9	6 21	
T 22	20 23	2 23	3 13	13 39	4 36	18 53	3 34	13 48	1 17	21 31	0 31	22 26	1 0	3 3	0 47	16 11	0 11	7 46	17 12	18 1	17 52	22 5	15 7	6 21	
F 23	20 11	4s 2	4 9	13 41	4 44	19 2	3 32	13 59	1 18	21 30	0 31	22 26	1 0	3 4	0 47	16 12	0 11	7 46	17 12	18 1	17 53	22 2	15 6	6 21	
S 24	19 59	10 5	4 48	13 45	4 49	19 10	3 30	14 9	1 19	21 30	0 31	22 26	1 0	3 4	0 47	16 12	0 11	7 47	17 12	18 0	17 54	22 0	15 5	6 21	
S 25	19 46	15 28	5 11	13 51	4 54	19 18	3 27	14 20	1 20	21 30	0 31	22 26	1 0	3 5	0 47	16 13	0 11	7 47	17 13	18 0	17 55	21 58	15 4	6 22	
M26	19 34	20 0	5 17	13 59	4 56	19 26	3 25	14 31	1 21	21 30	0 31	22 26	1 0	3 5	0 47	16 13	0 11	7 47	17 13	18 0	17 56	21 56	15 2	6 22	
T 27	19 20	23 32	5 8	14 9	4 57	19 34	3 22	14 42	1 21	21 30	0 30	22 26	1 0	3 6	0 47	16 14	0 11	7 48	17 13	18 0	17 57	21 54	15 1	6 22	
W28	19 7	25 53	4 45	14 20	4 56	19 42	3 20	14 53	1 22	21 30	0 30	22 27	1 0	3 6	0 47	16 14	0 11	7 48	17 14	18 1	17 57	21 52	15 0	6 22	
T 29	18 53	27 0	4 9	14 33	4 53	19 49	3 17	15 3	1 23	21 30	0 30	22 27	0 59	3 7	0 47	16 15	0 11	7 48	17 14	18 1	17 58	21 50	14 59	6 22	
F 30	18 39	26 0	3 23	14 47	4 49	19 56	3 14	15 14	1 24	21 30	0 30	22 27	0 59	3 7	0 47	16 15	0 11	7 49	17 15	18 1	17 59	21 47	14 57	6 22	
S 31	18n24	25s26	2s28	15n 2	4s43	20n 3	3s11	15s25	1s24	21s30	0n30	22s27	0n59	3s 8	0s47	16s16	0s11	7s49	17s15	18s 1	18s 0	21s45	14n56	6s22	

ASTRODIENST EPHEMERIS for the year 1841

geocentric

AUGUST 1841

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 37 43	8♂30'20	23♂ 7	1°R54	23♂ 3	8♂14	10°R 4	27°R12	23°R55	15°R51	20°R57	9°R 2	9♂ 2	27♂24	24♂48	S 1
M 2	20 41 40	9°27'45	4♂55	1♂21	24° 3	8°45	10♂ 3	27♂ 9	23♂54	15♂50	20♂56	9♂ 2	8°59	27°31	24°55	M 2
T 3	20 45 36	10°25'11	16°46	0°53	25° 4	9°17	10° 3	27° 7	23°52	15°48	20°56	9° 2	8°56	27°37	25° 2	T 3
W 4	20 49 33	11°22'38	28°40	0°29	26° 5	9°49	10° 2	27° 4	23°51	15°47	20°56	9° 2	8°53	27°44	25° 9	W 4
T 5	20 53 29	12°20'06	10♂41	0°12	27° 6	10°22	10° 1	27° 2	23°49	15°45	20°55	9° 2	8°50	27°51	25°15	T 5
F 6	20 57 26	13°17'35	22°51	29♂59	28° 8	10°55	10° 1	26°59	23°48	15°43	20°55	9° 1	8°46	27°57	25°22	F 6
S 7	21 1 23	14°15'05	5♂12	29°D54	29°10	11°28	10°D 1	26°57	23°46	15°42	20°55	9° 1	8°43	28° 4	25°29	S 7
S 8	21 5 19	15°12'37	17°47	29°56	0♂12	12° 1	10° 1	26°55	23°44	15°40	20°54	9° 0	8°40	28°11	25°35	S 8
M 9	21 9 16	16°10'10	0♂39	0♂ 4	1°15	12°34	10° 2	26°53	23°42	15°38	20°54	8°59	8°37	28°17	25°42	M 9
T 10	21 13 12	17° 7'44	13°51	0°19	2°17	13° 8	10° 2	26°51	23°41	15°37	20°54	8°D59	8°34	28°24	25°49	T 10
W11	21 17 9	18° 5'20	27°24	0°41	3°20	13°42	10° 3	26°49	23°39	15°35	20°53	8°59	8°31	28°31	25°55	W11
T 12	21 21 5	19° 2'58	11♂20	1°10	4°24	14°16	10° 4	26°47	23°37	15°34	20°53	9° 0	8°27	28°37	26° 2	T 12
F 13	21 25 2	20° 0'37	25°38	1°47	5°27	14°50	10° 5	26°45	23°35	15°32	20°52	9° 1	8°24	28°44	26° 9	F 13
S 14	21 28 59	20°58'18	10♂17	2°30	6°31	15°24	10° 6	26°43	23°33	15°30	20°52	9° 1	8°21	28°51	26°15	S 14
S 15	21 32 55	21°56'00	25°11	3°20	7°35	15°59	10° 7	26°42	23°31	15°29	20°51	9° 2	8°18	28°57	26°22	S 15
M16	21 36 52	22°53'44	10♂14	4°17	8°40	16°34	10° 9	26°40	23°30	15°27	20°51	9°R 2	8°15	29° 4	26°28	M16
T 17	21 40 48	23°51'29	25°17	5°20	9°44	17° 9	10°10	26°39	23°28	15°25	20°50	9° 2	8°11	29°11	26°35	T 17
W18	21 44 45	24°49'15	10♂13	6°30	10°49	17°45	10°12	26°37	23°26	15°24	20°50	9° 1	8° 8	29°17	26°41	W18
T 19	21 48 41	25°47'02	24°52	7°45	11°54	18°20	10°15	26°36	23°23	15°22	20°49	8°59	8° 5	29°24	26°47	T 19
F 20	21 52 38	26°44'51	9♂ 9	9° 7	12°59	18°56	10°17	26°35	23°21	15°21	20°49	8°57	8° 2	29°30	26°54	F 20
S 21	21 56 34	27°42'41	23° 0	10°33	14° 5	19°32	10°19	26°34	23°19	15°19	20°48	8°54	7°59	29°37	27° 0	S 21
S 22	22 0 31	28°40'32	6♂24	12° 5	15°10	20° 8	10°22	26°33	23°17	15°17	20°47	8°52	7°56	29°44	27° 6	S 22
M23	22 4 27	29°38'25	19°22	13°40	16°16	20°44	10°25	26°32	23°15	15°16	20°47	8°51	7°52	29°50	27°13	M23
T 24	22 8 24	0♂36'18	1♂57	15°20	17°22	21°21	10°28	26°31	23°13	15°14	20°46	8°D51	7°49	29°57	27°19	T 24
W25	22 12 21	1°34'14	14°14	17° 4	18°28	21°58	10°31	26°31	23°11	15°13	20°45	8°51	7°46	0♂ 4	27°25	W25
T 26	22 16 17	2°32'10	26°17	18°50	19°35	22°35	10°34	26°30	23° 9	15°11	20°45	8°53	7°43	0°10	27°31	T 26
F 27	22 20 14	3°30'08	8♂11	20°40	20°41	23°12	10°38	26°30	23° 6	15°10	20°44	8°54	7°40	0°17	27°37	F 27
S 28	22 24 10	4°28'07	19°59	22°31	21°48	23°49	10°42	26°29	23° 4	15° 8	20°43	8°56	7°37	0°24	27°43	S 28
S 29	22 28 7	5°26'07	1♂47	24°24	22°55	24°26	10°46	26°29	23° 2	15° 7	20°43	8°57	7°33	0°30	27°49	S 29
M30	22 32 3	6°24'09	13°37	26°19	24° 2	25° 4	10°50	26°29	23° 0	15° 5	20°42	8°R57	7°30	0°37	27°55	M30
T 31	22 36 0	7♂22'12	25♂33	28♂15	25♂10	25♂42	10♂54	26°D29	22♂57	15♂ 4	20♂41	8♂56	7♂27	0♂44	28♂ 1	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	18n 9	22s55	1s27	15n17	4s35	20n 9	3s 8	15s36	1s25	21s30	0n29	22s27	0n59	3s 9	0s48	16s16
M 2	17 54	19 25	0 23	15 34	4 25	20 15	3 5	15 47	1 26	21 30	0 29	22 27	0 59	3 9	0 48	16 17
T 3	17 39	15 9	0n43	15 50	4 15	20 21	3 2	15 58	1 26	21 30	0 29	22 27	0 59	3 10	0 48	16 17
W 4	17 23	10 17	1 47	16 7	4 2	20 26	2 58	16 9	1 27	21 30	0 29	22 27	0 59	3 10	0 48	16 18
T 5	17 7	5 0	2 47	16 24	3 49	20 31	2 55	16 20	1 28	21 30	0 29	22 27	0 58	3 11	0 48	16 18
F 6	16 51	0n32	3 40	16 40	3 35	20 35	2 52	16 31	1 28	21 30	0 28	22 27	0 58	3 12	0 48	16 19
S 7	16 34	6 6	4 24	16 56	3 20	20 39	2 48	16 41	1 29	21 30	0 28	22 28	0 58	3 12	0 48	16 19
S 8	16 17	11 32	4 56	17 11	3 4	20 43	2 45	16 52	1 29	21 31	0 28	22 28	0 58	3 13	0 48	16 20
M 9	16 0	16 37	5 14	17 26	2 48	20 46	2 41	17 3	1 30	21 31	0 28	22 28	0 58	3 14	0 48	16 20
T 10	15 43	21 2	5 16	17 39	2 31	20 49	2 37	17 14	1 31	21 31	0 28	22 28	0 58	3 15	0 48	16 21
W11	15 25	24 29	5 1	17 51	2 14	20 52	2 34	17 25	1 31	21 31	0 27	22 28	0 57	3 15	0 48	16 21
T 12	15 8	26 35	4 28	18 1	1 57	20 53	2 30	17 36	1 32	21 32	0 27	22 28	0 57	3 16	0 48	16 22
F 13	14 49	27 1	3 38	18 9	1 40	20 55	2 26	17 46	1 32	21 32	0 27	22 28	0 57	3 17	0 48	16 22
S 14	14 31	25 36	2 33	18 16	1 23	20 56	2 22	17 57	1 33	21 32	0 27	22 28	0 57	3 18	0 48	16 23
S 15	14 13	22 22	1 16	18 21	1 7	20 56	2 18	18 8	1 33	21 33	0 27	22 28	0 57	3 18	0 48	16 23
M16	13 54	17 35	0s 7	18 23	0 50	20 56	2 15	18 18	1 34	21 33	0 26	22 29	0 57	3 19	0 48	16 24
T 17	13 35	11 43	1 29	18 23	0 35	20 56	2 11	18 29	1 34	21 34	0 26	22 29	0 57	3 20	0 48	16 24
W18	13 16	5 13	2 44	18 21	0 20	20 55	2 7	18 39	1 35	21 34	0 26	22 29	0 56	3 21	0 48	16 25
T 19	12 56	1s26	3 47	18 16	0 5	20 54	2 3	18 50	1 35	21 35	0 26	22 29	0 56	3 22	0 48	16 25
F 20	12 37	7 50	4 34	18 8	0n 9	20 52	1 59	19 0	1 36	21 35	0 26	22 29	0 56	3 22	0 48	16 25
S 21	12 17	13 39	5 4	17 57	0 22	20 49	1 55	19 10	1 36	21 36	0 26	22 29	0 56	3 23	0 48	16 26
S 22	11 57	18 37	5 15	17 44	0 34	20 46	1 51	19 21	1 36	21 36	0 25	22 29	0 56	3 24	0 48	16 26
M23	11 37	22 34	5 10	17 27	0 45	20 42	1 46	19 31	1 37	21 37	0 25	22 29	0 56	3 25	0 48	16 27
T 24	11 16	25 19	4 51	17 8	0 55	20 38	1 42	19 41	1 37	21 38	0 25	22 30	0 55	3 26	0 48	16 27
W25	10 56	26 48	4 18	16 46	1 5	20 34	1 38	19 51	1 38	21 38	0 25	22 30	0 55	3 27	0 48	16 28
T 26	10 35	26 58	3 34	16 21	1 13	20 29	1 34	20 1	1 38	21 39	0 25	22 30	0 55	3 28	0 48	16 28
F 27	10 14	25 54	2 42	15 53	1 21	20 23	1 30	20 10	1 38	21 40	0 24	22 30	0 55	3 28	0 48	16 29
S 28	9 53	23 40	1 43	15 24	1 27	20 17	1 26	20 20	1 39	21 40	0 24	22 30	0 55	3 29	0 48	16 29
S 29	9 32	20 25	0 39	14 51	1 33	20 10	1 22	20 30	1 39	21 41	0 24	22 30	0 55	3 30	0 48	16 30
M30	9 10	16 21	0n26	14 17	1 37	20 3	1 18	20 39	1 39	21 42	0 24	22 31	0 54	3 31	0 48	16 30
T 31	8n49	11s36	1n30	13n40	1n41	19n55	1s13	20s49	1s40	21s43	0n24	22s31	0n54	3s32	0s48	16s31

Julian Day Number = 2393683.5, Delta T = 7.61 sec
 Ecliptic obliquity = 23°27'41, Nutation = 0°00'15, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°31'41, Lahiri = 21°38'42

ASTRODIENST EPHEMERIS for the year 1841

geocentric

SEPTEMBER 1841

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 39 56	8 ^h 20'17"	7 ^h 37'	0 ^h 11'	26 ^h 17'	26 ^h 20'	10 ^h 58'	26 ^h 29'	22 ^h 55'	15 ^h 20'	20 ^h 40'	8 ^h 53'	7 ^h 24'	0 ^h 50'	28 ^h 28'	W 1
T 2	22 43 53	9 ^h 18'24"	19 ^h 50'	2 ^h 08'	27 ^h 25'	26 ^h 58'	11 ^h 03'	26 ^h 29'	22 ^h 53'	15 ^h 21'	20 ^h 39'	8 ^h 49'	7 ^h 21'	0 ^h 57'	28 ^h 13'	T 2
F 3	22 47 50	10 ^h 16'33"	2 ^h 14'	4 ^h 04'	28 ^h 33'	27 ^h 36'	11 ^h 08'	26 ^h 29'	22 ^h 50'	14 ^h 59'	20 ^h 39'	8 ^h 45'	7 ^h 17'	1 ^h 03'	28 ^h 19'	F 3
S 4	22 51 46	11 ^h 14'43"	14 ^h 51'	6 ^h 01'	29 ^h 41'	28 ^h 14'	11 ^h 12'	26 ^h 29'	22 ^h 48'	14 ^h 58'	20 ^h 38'	8 ^h 39'	7 ^h 14'	1 ^h 10'	28 ^h 25'	S 4
S 5	22 55 43	12 ^h 12'55"	27 ^h 40'	7 ^h 57'	0 ^h 49'	28 ^h 53'	11 ^h 18'	26 ^h 30'	22 ^h 46'	14 ^h 56'	20 ^h 37'	8 ^h 34'	7 ^h 11'	1 ^h 17'	28 ^h 30'	S 5
M 6	22 59 39	13 ^h 11'09"	10 ^h 43'	9 ^h 53'	1 ^h 57'	29 ^h 31'	11 ^h 23'	26 ^h 30'	22 ^h 43'	14 ^h 55'	20 ^h 36'	8 ^h 29'	7 ^h 08'	1 ^h 23'	28 ^h 36'	M 6
T 7	23 03 36	14 ^h 09'26"	24 ^h 00'	11 ^h 48'	3 ^h 06'	0 ^h 41'	11 ^h 28'	26 ^h 31'	22 ^h 41'	14 ^h 54'	20 ^h 35'	8 ^h 26'	7 ^h 05'	1 ^h 30'	28 ^h 42'	T 7
W 8	23 07 32	15 ^h 07'44"	7 ^h 11'	13 ^h 43'	4 ^h 14'	0 ^h 49'	11 ^h 34'	26 ^h 32'	22 ^h 39'	14 ^h 52'	20 ^h 34'	8 ^h 24'	7 ^h 02'	1 ^h 37'	28 ^h 47'	W 8
T 9	23 11 29	16 ^h 06'05"	21 ^h 22'	15 ^h 36'	5 ^h 23'	1 ^h 28'	11 ^h 39'	26 ^h 32'	22 ^h 36'	14 ^h 51'	20 ^h 33'	8 ^h 24'	6 ^h 58'	1 ^h 43'	28 ^h 53'	T 9
F 10	23 15 25	17 ^h 04'27"	5 ^h 27'	17 ^h 29'	6 ^h 32'	2 ^h 08'	11 ^h 45'	26 ^h 33'	22 ^h 34'	14 ^h 50'	20 ^h 32'	8 ^h 25'	6 ^h 55'	1 ^h 50'	28 ^h 58'	F 10
S 11	23 19 22	18 ^h 02'52"	19 ^h 47'	19 ^h 21'	7 ^h 41'	2 ^h 47'	11 ^h 51'	26 ^h 34'	22 ^h 32'	14 ^h 48'	20 ^h 32'	8 ^h 26'	6 ^h 52'	1 ^h 57'	29 ^h 04'	S 11
S 12	23 23 19	19 ^h 01'19"	4 ^h 20'	21 ^h 12'	8 ^h 50'	3 ^h 27'	11 ^h 57'	26 ^h 35'	22 ^h 29'	14 ^h 47'	20 ^h 31'	8 ^h 27'	6 ^h 49'	2 ^h 03'	29 ^h 09'	S 12
M13	23 27 15	19 ^h 59'48"	19 ^h 02'	23 ^h 02'	10 ^h 00'	4 ^h 06'	12 ^h 04'	26 ^h 37'	22 ^h 27'	14 ^h 46'	20 ^h 30'	8 ^h 27'	6 ^h 46'	2 ^h 10'	29 ^h 14'	M13
T 14	23 31 12	20 ^h 58'19"	3 ^h 48'	24 ^h 50'	11 ^h 09'	4 ^h 46'	12 ^h 10'	26 ^h 38'	22 ^h 24'	14 ^h 45'	20 ^h 29'	8 ^h 25'	6 ^h 42'	2 ^h 17'	29 ^h 19'	T 14
W15	23 35 08	21 ^h 56'52"	18 ^h 31'	26 ^h 38'	12 ^h 19'	5 ^h 26'	12 ^h 17'	26 ^h 39'	22 ^h 22'	14 ^h 43'	20 ^h 28'	8 ^h 21'	6 ^h 39'	2 ^h 23'	29 ^h 25'	W15
T 16	23 39 05	22 ^h 55'27"	3 ^h 42'	28 ^h 25'	13 ^h 29'	6 ^h 07'	12 ^h 23'	26 ^h 41'	22 ^h 20'	14 ^h 42'	20 ^h 27'	8 ^h 14'	6 ^h 36'	2 ^h 30'	29 ^h 30'	T 16
F 17	23 43 01	23 ^h 54'04"	17 ^h 17'	0 ^h 41'	14 ^h 38'	6 ^h 47'	12 ^h 30'	26 ^h 42'	22 ^h 17'	14 ^h 41'	20 ^h 26'	8 ^h 07'	6 ^h 33'	2 ^h 36'	29 ^h 35'	F 17
S 18	23 46 58	24 ^h 52'43"	1 ^h 48'	1 ^h 55'	15 ^h 49'	7 ^h 27'	12 ^h 37'	26 ^h 44'	22 ^h 15'	14 ^h 40'	20 ^h 25'	8 ^h 00'	6 ^h 30'	2 ^h 43'	29 ^h 40'	S 18
S 19	23 50 54	25 ^h 51'23"	14 ^h 35'	3 ^h 38'	16 ^h 59'	8 ^h 08'	12 ^h 45'	26 ^h 46'	22 ^h 12'	14 ^h 39'	20 ^h 24'	7 ^h 53'	6 ^h 27'	2 ^h 50'	29 ^h 45'	S 19
M20	23 54 51	26 ^h 50'05"	27 ^h 36'	5 ^h 21'	18 ^h 09'	8 ^h 49'	12 ^h 52'	26 ^h 48'	22 ^h 10'	14 ^h 38'	20 ^h 23'	7 ^h 47'	6 ^h 23'	2 ^h 56'	29 ^h 49'	M20
T 21	23 58 48	27 ^h 48'50"	10 ^h 14'	7 ^h 03'	19 ^h 19'	9 ^h 29'	12 ^h 59'	26 ^h 49'	22 ^h 08'	14 ^h 36'	20 ^h 22'	7 ^h 43'	6 ^h 20'	3 ^h 03'	29 ^h 54'	T 21
W22	0 02 44	28 ^h 47'35"	22 ^h 32'	8 ^h 43'	20 ^h 30'	10 ^h 10'	13 ^h 07'	26 ^h 52'	22 ^h 05'	14 ^h 35'	20 ^h 21'	7 ^h 42'	6 ^h 17'	3 ^h 10'	29 ^h 59'	W22
T 23	0 06 41	29 ^h 46'23"	4 ^h 35'	10 ^h 23'	21 ^h 40'	10 ^h 51'	13 ^h 15'	26 ^h 54'	22 ^h 03'	14 ^h 34'	20 ^h 19'	7 ^h 41'	6 ^h 14'	3 ^h 16'	0 ^h 42'	T 23
F 24	0 10 37	0 ^h 45'12"	16 ^h 27'	12 ^h 02'	22 ^h 51'	11 ^h 33'	13 ^h 23'	26 ^h 56'	22 ^h 02'	14 ^h 33'	20 ^h 18'	7 ^h 42'	6 ^h 11'	3 ^h 23'	0 ^h 48'	F 24
S 25	0 14 34	1 ^h 44'03"	28 ^h 15'	13 ^h 39'	24 ^h 02'	12 ^h 14'	13 ^h 31'	26 ^h 58'	21 ^h 58'	14 ^h 32'	20 ^h 17'	7 ^h 43'	6 ^h 08'	3 ^h 30'	0 ^h 13'	S 25
S 26	0 18 30	2 ^h 42'56"	10 ^h 44'	15 ^h 16'	25 ^h 13'	12 ^h 55'	13 ^h 39'	27 ^h 01'	21 ^h 56'	14 ^h 31'	20 ^h 16'	7 ^h 44'	6 ^h 04'	3 ^h 36'	0 ^h 17'	S 26
M27	0 22 27	3 ^h 41'50"	21 ^h 57'	16 ^h 52'	26 ^h 24'	13 ^h 37'	13 ^h 47'	27 ^h 03'	21 ^h 53'	14 ^h 30'	20 ^h 15'	7 ^h 43'	6 ^h 01'	3 ^h 43'	0 ^h 22'	M27
T 28	0 26 23	4 ^h 40'46"	4 ^h 30'	18 ^h 27'	27 ^h 35'	14 ^h 18'	13 ^h 55'	27 ^h 06'	21 ^h 51'	14 ^h 30'	20 ^h 14'	7 ^h 39'	5 ^h 58'	3 ^h 50'	0 ^h 26'	T 28
W29	0 30 20	5 ^h 39'45"	16 ^h 14'	20 ^h 01'	28 ^h 46'	15 ^h 00'	14 ^h 04'	27 ^h 08'	21 ^h 49'	14 ^h 29'	20 ^h 13'	7 ^h 33'	5 ^h 55'	3 ^h 56'	0 ^h 30'	W29
T 30	0 34 17	6 ^h 38'45"	28 ^h 42'	21 ^h 35'	29 ^h 58'	15 ^h 42'	14 ^h 13'	27 ^h 11'	21 ^h 46'	14 ^h 28'	20 ^h 12'	7 ^h 35'	5 ^h 52'	4 ^h 33'	0 ^h 34'	T 30

Day	☉	☾	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	8n27	6s23	2n31	13n 2	1n44	19n47	1 s 9	20s58	1s40	21s43	0n23	22s31	0n54	3s33	0s48	16s31	0s11	8s 4	17s25
T 2	8 5	0 53	3 25	12 22	1 46	19 38	1 5	21 7	1 40	21 44	0 23	22 31	0 54	3 34	0 48	16 31	0 11	8 5	17 25
F 3	7 43	4n44	4 11	11 41	1 47	19 28	1 1	21 16	1 41	21 45	0 23	22 31	0 54	3 35	0 48	16 32	0 11	8 5	17 25
S 4	7 21	10 14	4 45	10 58	1 47	19 18	0 57	21 25	1 41	21 46	0 23	22 31	0 54	3 36	0 48	16 32	0 11	8 6	17 25
S 5	6 59	15 25	5 6	10 15	1 47	19 8	0 53	21 34	1 41	21 47	0 23	22 32	0 53	3 37	0 48	16 33	0 11	8 6	17 25
M 6	6 37	19 59	5 11	9 30	1 46	18 57	0 49	21 43	1 41	21 48	0 23	22 32	0 53	3 38	0 48	16 33	0 11	8 7	17 26
T 7	6 14	23 38	5 0	8 45	1 45	18 45	0 45	21 51	1 41	21 49	0 22	22 32	0 53	3 39	0 48	16 34	0 11	8 7	17 26
W 8	5 52	26 4	4 32	7 59	1 42	18 33	0 41	22 0	1 42	21 49	0 22	22 32	0 53	3 40	0 48	16 34	0 11	8 8	17 26
T 9	5 29	26 59	3 48	7 13	1 40	18 21	0 37	22 8	1 42	21 50	0 22	22 32	0 53	3 40	0 48	16 34	0 11	8 8	17 26
F 10	5 7	26 11	2 50	6 26	1 37	18 8	0 33	22 16	1 42	21 51	0 22	22 32	0 53	3 41	0 48	16 35	0 11	8 9	17 27
S 11	4 44	23 39	1 40	5 39	1 33	17 54	0 29	22 24	1 42	21 52	0 22	22 33	0 52	3 42	0 48	16 35	0 11	8 9	17 27
S 12	4 21	19 33	0 22	4 52	1 29	17 40	0 25	22 32	1 42	21 53	0 22	22 33	0 52	3 43	0 48	16 36	0 11	8 10	17 27
M13	3 58	14 13	0s57	4 4	1 25	17 25	0 21	22 40	1 43	21 54	0 21	22 33	0 52	3 44	0 48	16 36	0 11	8 10	17 27
T 14	3 35	8 3	2 13	3 17	1 20	17 10	0 17	22 48	1 43	21 55	0 21	22 33	0 52	3 45	0 48	16 36	0 11	8 11	17 27
W15	3 12	1 29	3 20	2 29	1 15	16 55	0 13	22 55	1 43	21 56	0 21	22 33	0 52	3 46	0 48	16 37	0 11	8 11	17 27
T 16	2 49	5s 4	4 12	1 42	1 10	16 38	0 10	23 2	1 43	21 57	0 21	22 34	0 52	3 47	0 48	16 37	0 11	8 12	17 28
F 17	2 25	11 13	4 48	0 55	1 4	16 22	0 6	23 9	1 43	21 58	0 21	22 34	0 51	3 48	0 48	16 37	0 11	8 12	17 28
S 18	2 2	16 39	5 6	0 8	0 58	16 5	0 2	23 16	1 43	22 0	0 21	22 34	0 51	3 49	0 48	16 38	0 11	8 13	17 28
S 19	1 39	21 6	5 6	0s39	0 52	15 47	0n 2	23 23	1 43	22 1	0 20	22 34	0 51	3 50	0 48	16 38	0 11	8 13	17 28
M20	1 16	24 21	4 50	1 26	0 46	15 29	0 5	23 30	1 43	22 2	0 20	22 34	0 51	3 51	0 48	16 38	0 11	8 14	17 28
T 21	0 52	26 18	4 20	2 12	0 39	15 11	0 9	23 36	1 43	22 3	0 20	22 35	0 51	3 52	0 48	16 39	0 11	8 14	17 28
W22	0 29	26 54	3 39	2 57	0 33	14 52	0 12	23 42	1 44	22 4	0 20	22 35	0 51	3 53	0 48	16 39	0 11	8 15	17 29
T 23	0 5	26 12	2 49	3 43	0 26	14 33	0 16	23 48	1 44	22 5	0 20	22 35	0 51	3 54	0 48	16 39	0 11	8 15	17 29
F 24	0s18	24 18	1 52	4 28	0 19	14 13	0 19	23 54	1 44	22 6	0 20	22 35	0 50	3 55	0 48	16 40	0 11	8 16	17 29
S 25	0 41	21 22	0 51	5 12	0 12	13 53	0 23	24 0	1 44	22 7	0 19	22 35	0 50	3 56	0 48	16 40	0 11	8 16	17 29
S 26	1 5	17 32	0n13	5 56	0 5	13 32	0 26	24 5	1 44	22 8	0 19	22 36	0 50	3 56	0 48	16 40	0 11	8 17	17 29
M27	1 28	13 1	1 16	6 40	0s 2	13 11	0 29	24 10	1 44	22 10	0 19	22 36	0 50	3 57	0 48	16 41	0 11	8 17	17 29
T 28	1 52	7 56	2 16	7 22	0 9	12 50	0 32	24 15	1 44	22 11	0 19	22 36	0 50	3 58	0 48	16 41	0 11	8 18	17 29
W29	2 15	2 30	3 11	8 5	0 16	12 28	0 36	24 20	1 44	22 12	0 19	22 36	0 50	3 59	0 48	16 41	0 11	8 18	17 29
T 30	2s38	3n 7	3n58	8s47	0s23	12n 6	0n39	24s25	1s44	22s13	0n19	22s36	0n49	4s 0	0s48	16s41	0s11	8s19	17s29

ASTRODIENST EPHEMERIS for the year 1841
geocentric

OCTOBER 1841

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 38 13	7♂3747	11♂25	23♂ 7	1♂ 9	16♂24	14♂21	27♂14	21♂44	14♂27	20♂11	7♂15	5♂48	4♂10	0♂38	F 1
S 2	0 42 10	8°36'51	24°22	24°39	2°21	17° 6	14°30	27°17	21♂42	14♂26	20♂10	7♂ 5	5°45	4°16	0°42	S 2
S 3	0 46 6	9°35'57	7♂33	26°10	3°32	17°48	14°39	27°20	21°40	14°25	20° 8	6°54	5°42	4°23	0°46	S 3
M 4	0 50 3	10°35'06	20°56	27°40	4°44	18°31	14°48	27°23	21°37	14°25	20° 7	6°44	5°39	4°29	0°50	M 4
T 5	0 53 59	11°34'17	4♂29	29° 9	5°56	19°13	14°58	27°26	21°35	14°24	20° 6	6°37	5°36	4°36	0°54	T 5
W 6	0 57 56	12°33'30	18°12	0♂37	7° 8	19°56	15° 7	27°30	21°33	14°23	20° 5	6°32	5°33	4°43	0°58	W 6
T 7	1 1 52	13°32'45	2♂ 4	2° 5	8°20	20°38	15°16	27°33	21°31	14°23	20° 4	6°30	5°29	4°49	1° 1	T 7
F 8	1 5 49	14°32'03	16° 4	3°32	9°32	21°21	15°26	27°36	21°29	14°22	20° 3	6°D29	5°26	4°56	1° 5	F 8
S 9	1 9 46	15°31'24	0♂11	4°57	10°45	22° 4	15°36	27°40	21°26	14°21	20° 2	6°R29	5°23	5° 3	1° 8	S 9
S 10	1 13 42	16°30'46	14°24	6°22	11°57	22°47	15°45	27°44	21°24	14°21	20° 0	6°29	5°20	5° 9	1°12	S 10
M 11	1 17 39	17°30'11	28°43	7°46	13° 9	23°30	15°55	27°47	21°22	14°20	19°59	6°28	5°17	5°16	1°15	M 11
T 12	1 21 35	18°29'38	13♂ 4	9°10	14°22	24°13	16° 5	27°51	21°20	14°20	19°58	6°23	5°14	5°23	1°18	T 12
W 13	1 25 32	19°29'07	27°22	10°32	15°34	24°56	16°15	27°55	21°18	14°19	19°57	6°16	5°10	5°29	1°21	W 13
T 14	1 29 28	20°28'39	11♂33	11°53	16°47	25°39	16°26	27°59	21°16	14°19	19°56	6° 6	5° 7	5°36	1°24	T 14
F 15	1 33 25	21°28'12	25°32	13°13	18° 0	26°23	16°36	28° 3	21°14	14°19	19°55	5°55	5° 4	5°43	1°27	F 15
S 16	1 37 21	22°27'48	9♂13	14°32	19°13	27° 6	16°46	28° 7	21°12	14°18	19°54	5°42	5° 1	5°49	1°30	S 16
S 17	1 41 18	23°27'26	22°33	15°50	20°26	27°50	16°57	28°11	21°10	14°18	19°52	5°31	4°58	5°56	1°33	S 17
M 18	1 45 14	24°27'05	5♂31	17° 6	21°39	28°33	17° 8	28°16	21° 8	14°17	19°51	5°21	4°54	6° 2	1°35	M 18
T 19	1 49 11	25°26'47	18° 8	18°21	22°52	29°17	17°18	28°20	21° 6	14°17	19°50	5°13	4°51	6° 9	1°38	T 19
W 20	1 53 8	26°26'30	0♂36	19°35	24° 5	0♂ 1	17°29	28°24	21° 5	14°17	19°49	5° 8	4°48	6°16	1°41	W 20
T 21	1 57 4	27°26'15	12°29	20°47	25°18	0°45	17°40	28°29	21° 3	14°17	19°48	5° 6	4°45	6°22	1°43	T 21
F 22	2 1 1	28°26'01	24°22	21°57	26°31	1°29	17°51	28°33	21° 1	14°17	19°47	5° 5	4°42	6°29	1°45	F 22
S 23	2 4 57	29°25'50	6♂10	23° 5	27°45	2°13	18° 2	28°38	20°59	14°16	19°46	5° 5	4°39	6°36	1°47	S 23
S 24	2 8 54	0♂25'40	17°59	24°11	28°58	2°57	18°13	28°43	20°58	14°16	19°44	5° 4	4°35	6°42	1°50	S 24
M 25	2 12 50	1°25'31	29°54	25°15	0♂12	3°41	18°25	28°48	20°56	14°16	19°43	5° 3	4°32	6°49	1°52	M 25
T 26	2 16 47	2°25'25	12♂ 1	26°16	1°25	4°26	18°36	28°52	20°54	14°16	19°42	4°58	4°29	6°56	1°54	T 26
W 27	2 20 43	3°25'20	24°22	27°14	2°39	5°10	18°47	28°57	20°53	14°D16	19°41	4°51	4°26	7° 2	1°55	W 27
T 28	2 24 40	4°25'17	7♂ 2	28° 8	3°52	5°55	18°59	29° 2	20°51	14°16	19°40	4°42	4°23	7° 9	1°57	T 28
F 29	2 28 37	5°25'15	20° 1	29° 0	5° 6	6°39	19°10	29° 7	20°50	14°16	19°39	4°30	4°19	7°16	1°59	F 29
S 30	2 32 33	6°25'16	3♂19	29°47	6°20	7°24	19°22	29°12	20°48	14°16	19°38	4°17	4°16	7°22	2° 0	S 30
S 31	2 36 30	7♂25'18	16♂54	0♂30	7♂34	8♂ 8	19♂34	29♂18	20♂47	14♂17	19♂37	4♂ 4	4♂13	7♂29	2♂ 2	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	3s 2	8n43	4n34	9s28	0s30	11n43	0n42	24s29	1s44	22s14	0n19	22s37	0n49	4s 1	0s48	16s42	0s11	8s19	17s29	18s28	18s50	19s23	13n25	6s46	
S 2	3 25	14 2	4 56	10 8	0 38	11 21	0 45	24 33	1 44	22 15	0 18	22 37	0 49	4 2	0 48	16 42	0 11	8 20	17 30	18 31	18 51	19 20	13 24	6 46	
S 3	3 48	18 49	5 3	10 48	0 45	10 57	0 48	24 37	1 44	22 17	0 18	22 37	0 49	4 3	0 48	16 42	0 11	8 20	17 30	18 34	18 52	19 18	13 22	6 47	
M 4	4 12	22 44	4 54	11 28	0 52	10 34	0 50	24 41	1 43	22 18	0 18	22 37	0 49	4 4	0 48	16 42	0 11	8 21	17 30	18 36	18 53	19 15	13 21	6 48	
T 5	4 35	25 27	4 29	12 6	0 59	10 10	0 53	24 44	1 43	22 19	0 18	22 38	0 49	4 4	0 48	16 42	0 11	8 21	17 30	18 38	18 53	19 13	13 20	6 48	
W 6	4 58	26 43	3 47	12 44	1 6	9 46	0 56	24 48	1 43	22 20	0 18	22 38	0 49	4 5	0 48	16 43	0 11	8 22	17 30	18 39	18 54	19 11	13 18	6 49	
T 7	5 21	26 19	2 52	13 21	1 13	9 21	0 58	24 51	1 43	22 21	0 18	22 38	0 48	4 6	0 48	16 43	0 11	8 22	17 30	18 40	18 55	19 8	13 17	6 50	
F 8	5 44	24 15	1 46	13 57	1 20	8 57	1 1	24 54	1 43	22 22	0 17	22 38	0 48	4 7	0 48	16 43	0 11	8 22	17 30	18 40	18 56	19 6	13 16	6 50	
S 9	6 7	20 41	0 34	14 33	1 27	8 31	1 3	24 56	1 43	22 24	0 17	22 38	0 48	4 8	0 48	16 43	0 11	8 23	17 30	18 40	18 56	19 3	13 14	6 51	
S 10	6 30	15 51	0s42	15 8	1 34	8 6	1 6	24 59	1 43	22 25	0 17	22 39	0 48	4 9	0 48	16 43	0 11	8 23	17 30	18 40	18 57	19 1	13 13	6 52	
M11	6 53	10 8	1 55	15 42	1 40	7 40	1 8	25 1	1 43	22 26	0 17	22 39	0 48	4 9	0 48	16 44	0 11	8 24	17 30	18 41	18 58	18 58	13 12	6 52	
T 12	7 15	3 52	3 1	16 15	1 47	7 15	1 10	25 3	1 43	22 27	0 17	22 39	0 48	4 10	0 48	16 44	0 11	8 24	17 30	18 42	18 59	18 56	13 10	6 53	
W13	7 38	2s33	3 55	16 47	1 53	6 49	1 13	25 4	1 42	22 28	0 17	22 39	0 48	4 11	0 48	16 44	0 11	8 25	17 30	18 43	19 0	18 53	13 9	6 53	
T 14	8 0	8 47	4 34	17 18	1 59	6 22	1 15	25 6	1 42	22 30	0 17	22 39	0 47	4 12	0 48	16 44	0 11	8 25	17 30	18 46	19 0	18 51	13 8	6 54	
F 15	8 23	14 28	4 56	17 48	2 5	5 56	1 17	25 7	1 42	22 31	0 17	22 40	0 47	4 13	0 48	16 44	0 11	8 25	17 30	18 49	19 1	18 48	13 6	6 55	
S 16	8 45	19 19	5 1	18 18	2 11	5 29	1 19	25 8	1 42	22 32	0 16	22 40	0 47	4 13	0 48	16 44	0 11	8 26	17 30	18 52	19 2	18 46	13 5	6 55	
S 17	9 7	23 4	4 48	18 46	2 16	5 2	1 21	25 8	1 42	22 33	0 16	22 40	0 47	4 14	0 48	16 44	0 11	8 26	17 30	18 55	19 3	18 43	13 4	6 56	
M18	9 29	25 31	4 21	19 13	2 22	4 35	1 22	25 9	1 42	22 34	0 16	22 40	0 47	4 15	0 48	16 44	0 11	8 27	17 30	18 57	19 3	18 41	13 3	6 57	
T 19	9 51	26 37	3 42	19 39	2 27	4 7	1 24	25 9	1 41	22 35	0 16	22 40	0 47	4 16	0 48	16 44	0 11	8 27	17 30	18 59	19 4	18 38	13 1	6 58	
W 20	10 13	26 20	2 53	20 4	2 32	3 40	1 26	25 9	1 41	22 37	0 16	22 41	0 47	4 16	0 48	16 45	0 11	8 27	17 30	19 0	19 5	18 36	13 0	6 58	
T 21	10 34	24 49	1 57	20 28	2 36	3 12	1 27	25 8	1 41	22 38	0 16	22 41	0 46	4 17	0 48	16 45	0 11	8 28	17 30	19 1	19 6	18 33	12 59	6 59	
F 22	10 56	22 11	0 57	20 51	2 40	2 45	1 29	25 8	1 41	22 39	0 16	22 41	0 46	4 18	0 48	16 45	0 11	8 28	17 30	19 1	19 6	18 31	12 58	7 0	
S 23	11 17	18 39	0n 6	21 12	2 44	2 17	1 30	25 7	1 40	22 40	0 15	22 41	0 46	4 18	0 48	16 45	0 11	8 28	17 30	19 1	19 7	18 28	12 57	7 0	
S 24	11 38	14 23	1 8	21 32	2 47	1 49	1 32	25 6	1 40	22 41	0 15	22 41	0 46	4 19	0 48	16 45	0 11	8 29	17 29	19 1	19 8	18 26	12 55	7 1	
M25	11 59	9 32	2 7	21 50	2 50	1 21	1 33	25 4	1 40	22 42	0 15	22 41	0 46	4 20	0 48	16 45	0 11	8 29	17 29	19 1	19 9	18 23	12 54	7 2	
T 26	12 20	4 15	3 2	22 7	2 52	0 52	1 34	25 3	1 40	22 43	0 15	22 42	0 46	4 20	0 47	16 45	0 11	8 29	17 29	19 2	19 9	18 21	12 53	7 2	
W27	12 40	1n16	3 49	22 23	2 54	0 24	1 35	25 1	1 39	22 44	0 15	22 42	0 46	4 21	0 47	16 45	0 11	8 30	17 29	19 4	19 10	18 18	12 52	7 3	
T 28	13 0	6 52	4 26	22 36	2 55	0s 4	1 36	24 59	1 39	22 45	0 15	22 42	0 45	4 21	0 47	16 45	0 11	8 30	17 29	19 6	19 11	18 16	12 51	7 4	
F 29	13 20	12 19	4 51	22 48	2 55	0 33	1 37	24 56	1 39	22 47	0 15	22 42	0 45	4 22	0 47	16 45	0 11	8 30	17 29	19 9	19 12	18 13	12 50	7 5	
S 30	13 40	17 20	5 0	22 58	2 55	1 1	1 38	24 54	1 38	22 48	0 15	22 42	0 45	4 22	0 47	16 45	0 11	8 31	17 29	19 12	19 13	18 11	12 49	7 5	
S 31	14s 0	21n34	4n53	23s 7	2s54	1s29	1n39	24s51	1s38	22s49	0n14	22s42	0n45	4s23	0s47	16s45	0s11	8s31	17s29	19s15	19s13	18s 8	12n48	7s 6	

ASTRODIENST EPHEMERIS for the year 1841
geocentric

NOVEMBER 1841

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 40 26	8♍25'22	0♏43	1♈ 7	8♏47	8♏53	19♈46	29♈23	20°R45	14♏17	19°R36	3°R52	4♏10	7♏35	2♏ 3	M 1
T 2	2 44 23	9°25'29	14°42	1°40	10° 1	9°38	19°58	29°28	20°H44	14°17	19°Y35	3♏43	4° 7	7°42	2° 4	T 2
W 3	2 48 19	10°25'37	28°47	2° 6	11°15	10°23	20° 9	29°34	20°43	14°17	19°33	3°37	4° 4	7°49	2° 5	W 3
T 4	2 52 16	11°25'48	12♏54	2°25	12°29	11° 8	20°22	29°39	20°41	14°17	19°32	3°33	4° 0	7°55	2° 7	T 4
F 5	2 56 12	12°26'00	27° 2	2°37	13°43	11°53	20°34	29°44	20°40	14°18	19°31	3°32	3°57	8° 2	2° 7	F 5
S 6	3 0 9	13°26'15	11♏ 8	2°R41	14°58	12°38	20°46	29°50	20°39	14°18	19°30	3°32	3°54	8° 9	2° 8	S 6
S 7	3 4 6	14°26'31	25°12	2°36	16°12	13°23	20°58	29°56	20°38	14°18	19°29	3°32	3°51	8°15	2° 9	S 7
M 8	3 8 2	15°26'50	9♏13	2°21	17°26	14° 8	21°10	0♏ 1	20°37	14°19	19°28	3°30	3°48	8°22	2°10	M 8
T 9	3 11 59	16°27'10	23°11	1°57	18°40	14°53	21°23	0° 7	20°36	14°19	19°27	3°26	3°45	8°29	2°10	T 9
W10	3 15 55	17°27'33	7♏ 3	1°23	19°55	15°39	21°35	0°13	20°35	14°20	19°26	3°18	3°41	8°35	2°11	W10
T 11	3 19 52	18°27'57	20°47	0°38	21° 9	16°24	21°48	0°19	20°34	14°20	19°25	3° 8	3°38	8°42	2°11	T 11
F 12	3 23 48	19°28'23	4♏21	29♏44	22°24	17° 9	22° 0	0°24	20°33	14°21	19°24	2°57	3°35	8°49	2°11	F 12
S 13	3 27 45	20°28'51	17°41	28°41	23°38	17°55	22°13	0°30	20°32	14°21	19°23	2°44	3°32	8°55	2°11	S 13
S 14	3 31 41	21°29'21	0♏46	27°31	24°52	18°40	22°25	0°36	20°31	14°22	19°22	2°32	3°29	9° 2	2°R12	S 14
M15	3 35 38	22°29'52	13°33	26°14	26° 7	19°26	22°38	0°42	20°30	14°23	19°21	2°21	3°25	9° 9	2°11	M15
T 16	3 39 35	23°30'25	26° 3	24°54	27°22	20°11	22°51	0°48	20°30	14°23	19°21	2°13	3°22	9°15	2°11	T 16
W17	3 43 31	24°30'59	8♏17	23°33	28°36	20°57	23° 4	0°55	20°29	14°24	19°20	2° 7	3°19	9°22	2°11	W17
T 18	3 47 28	25°31'35	20°18	22°13	29°51	21°43	23°17	1° 1	20°28	14°25	19°19	2° 5	3°16	9°28	2°11	T 18
F 19	3 51 24	26°32'12	2♏10	20°58	1♏ 6	22°29	23°30	1° 7	20°28	14°26	19°18	2°D 4	3°13	9°35	2°10	F 19
S 20	3 55 21	27°32'50	13°58	19°49	2°20	23°14	23°43	1°13	20°27	14°26	19°17	2° 4	3°10	9°42	2°10	S 20
S 21	3 59 17	28°33'29	25°46	18°49	3°35	24° 0	23°56	1°20	20°27	14°27	19°16	2°R 5	3° 6	9°48	2° 9	S 21
M22	4 3 14	29°34'09	7♏40	17°59	4°50	24°46	24° 9	1°26	20°26	14°28	19°15	2° 5	3° 3	9°55	2° 8	M22
T 23	4 7 10	0♏34'50	19°47	17°20	6° 4	25°32	24°22	1°32	20°26	14°29	19°14	2° 2	3° 0	10° 2	2° 7	T 23
W24	4 11 7	1°35'32	2°Y10	16°52	7°19	26°18	24°35	1°39	20°26	14°30	19°14	1°58	2°57	10° 8	2° 6	W24
T 25	4 15 4	2°36'16	14°54	16°37	8°34	27° 4	24°48	1°45	20°25	14°31	19°13	1°51	2°54	10°15	2° 5	T 25
F 26	4 19 0	3°37'00	28° 1	16°D32	9°49	27°50	25° 1	1°52	20°25	14°32	19°12	1°43	2°51	10°22	2° 4	F 26
S 27	4 22 57	4°37'46	11♏32	16°39	11° 4	28°36	25°15	1°58	20°25	14°33	19°11	1°33	2°47	10°28	2° 3	S 27
S 28	4 26 53	5°38'33	25°25	16°55	12°19	29°22	25°28	2° 5	20°25	14°34	19°10	1°23	2°44	10°35	2° 1	S 28
M29	4 30 50	6°39'21	9♏37	17°20	13°34	0♏ 8	25°41	2°11	20°25	14°35	19°10	1°14	2°41	10°42	2° 0	M29
T 30	4 34 46	7♏40'10	24♏ 3	17♏54	14♏49	0♏55	25°55	2°♏18	20°D25	14°36	19°Y 9	1°57	2°48	10°48	1°D58	T 30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	lat	
M 1	14s19	24n42	4n28	23s13	2s52	1s58	1n39	24s47	1s38	22s50	0n14	22s43	0n45	4s23	0s47	16s45	0s11	8s31	17s29	19s18	19s14	18s 5	12n47	7s 7
T 2	14 39	26 21	3 48	23 16	2 49	2 26	1 40	24 44	1 37	22 51	0 14	22 43	0 45	4 24	0 47	16 45	0 11	8 31	17 28	19 20	19 15	18 3	12 46	7 7
W 3	14 58	26 20	2 53	23 18	2 45	2 55	1 41	24 40	1 37	22 52	0 14	22 43	0 45	4 24	0 47	16 45	0 11	8 32	17 28	19 22	19 16	18 0	12 45	7 8
T 4	15 16	24 36	1 47	23 17	2 40	3 23	1 41	24 36	1 37	22 53	0 14	22 43	0 45	4 25	0 47	16 44	0 11	8 32	17 28	19 23	19 16	17 58	12 44	7 9
F 5	15 35	21 20	0 34	23 13	2 33	3 52	1 41	24 32	1 36	22 54	0 14	22 43	0 44	4 25	0 47	16 44	0 11	8 32	17 28	19 23	19 17	17 55	12 43	7 10
S 6	15 53	16 48	0s40	23 6	2 26	4 20	1 42	24 27	1 36	22 55	0 14	22 43	0 44	4 26	0 47	16 44	0 11	8 32	17 28	19 23	19 18	17 53	12 42	7 10
S 7	16 11	11 22	1 52	22 55	2 16	4 49	1 42	24 22	1 36	22 56	0 14	22 43	0 44	4 26	0 47	16 44	0 11	8 33	17 28	19 23	19 19	17 50	12 42	7 11
M 8	16 29	5 23	2 57	22 42	2 5	5 17	1 42	24 17	1 35	22 57	0 13	22 44	0 44	4 27	0 47	16 44	0 12	8 33	17 28	19 23	19 19	17 48	12 41	7 12
T 9	16 46	0s49	3 51	22 25	1 53	5 45	1 42	24 12	1 35	22 57	0 13	22 44	0 44	4 27	0 47	16 44	0 12	8 33	17 27	19 24	19 20	17 45	12 40	7 12
W10	17 3	6 57	4 31	22 4	1 39	6 13	1 42	24 6	1 35	22 58	0 13	22 44	0 44	4 27	0 47	16 44	0 12	8 33	17 27	19 26	19 21	17 42	12 39	7 13
T 11	17 20	12 40	4 54	21 39	1 23	6 41	1 42	24 1	1 34	22 59	0 13	22 44	0 44	4 28	0 47	16 44	0 12	8 33	17 27	19 28	19 21	17 40	12 38	7 14
F 12	17 37	17 42	5 1	21 11	1 6	7 9	1 42	23 54	1 34	23 0	0 13	22 44	0 44	4 28	0 47	16 44	0 12	8 34	17 27	19 31	19 22	17 37	12 38	7 15
S 13	17 53	21 47	4 51	20 39	0 47	7 37	1 41	23 48	1 33	23 1	0 13	22 44	0 44	4 28	0 47	16 43	0 12	8 34	17 27	19 34	19 23	17 35	12 37	7 15
S 14	18 9	24 40	4 26	20 4	0 27	8 5	1 41	23 41	1 33	23 2	0 13	22 44	0 43	4 29	0 47	16 43	0 12	8 34	17 26	19 37	19 24	17 32	12 36	7 16
M15	18 25	26 13	3 48	19 26	0 7	8 32	1 41	23 35	1 32	23 3	0 13	22 44	0 43	4 29	0 47	16 43	0 12	8 34	17 26	19 39	19 24	17 29	12 35	7 17
T 16	18 40	26 23	2 59	18 47	0n14	8 59	1 40	23 27	1 32	23 4	0 13	22 44	0 43	4 29	0 47	16 43	0 12	8 34	17 26	19 41	19 25	17 27	12 35	7 17
W17	18 55	25 15	2 3	18 8	0 34	9 26	1 39	23 20	1 31	23 4	0 12	22 44	0 43	4 29	0 47	16 43	0 12	8 34	17 26	19 42	19 26	17 24	12 34	7 18
T 18	19 10	22 57	1 2	17 28	0 54	9 53	1 39	23 12	1 31	23 5	0 12	22 44	0 43	4 30	0 47	16 42	0 12	8 35	17 26	19 43	19 27	17 22	12 33	7 19
F 19	19 24	19 41	0n 1	16 51	1 12	10 20	1 38	23 4	1 31	23 6	0 12	22 45	0 43	4 30	0 47	16 42	0 12	8 35	17 25	19 43	19 27	17 19	12 33	7 20
S 20	19 38	15 39	1 3	16 16	1 30	10 46	1 37	22 56	1 30	23 7	0 12	22 45	0 43	4 30	0 47	16 42	0 12	8 35	17 25	19 43	19 28	17 16	12 32	7 20
S 21	19 51	11 1	2 3	15 45	1 45	11 13	1 36	22 48	1 30	23 7	0 12	22 45	0 43	4 30	0 47	16 42	0 12	8 35	17 25	19 43	19 29	17 14	12 32	7 21
M22	20 5	5 56	2 58	15 19	1 58	11 39	1 36	22 39	1 29	23 8	0 12	22 45	0 43	4 30	0 47	16 41	0 12	8 35	17 25	19 43	19 30	17 11	12 31	7 22
T 23	20 17	0 35	3 47	14 57	2 9	12 4	1 35	22 30	1 29	23 9	0 12	22 45	0 42	4 30	0 46	16 41	0 12	8 35	17 24	19 43	19 30	17 8	12 31	7 22
W24	20 30	4n55	4 25	14 41	2 18	12 30	1 33	22 21	1 28	23 9	0 12	22 45	0 42	4 30	0 46	16 41	0 12	8 35	17 24	19 44	19 31	17 6	12 30	7 23
T 25	20 42	10 21	4 52	14 30	2 25	12 55	1 32	22 12	1 28	23 10	0 12	22 45	0 42	4 31	0 46	16 41	0 12	8 35	17 24	19 46	19 32	17 3	12 30	7 24
F 26	20 54	15 31	5 5	14 24	2 30	13 20	1 31	22 2	1 27	23 11	0 12	22 45	0 42	4 31	0 46	16 40	0 12	8 35	17 24	19 48	19 33	17 1	12 30	7 24
S 27	21 5	20 4	5 1	14 22	2 33	13 44	1 30	21 52	1 27	23 11	0 11	22 45	0 42	4 31	0 46	16 40	0 12	8 35	17 23	19 50	19 33	16 58	12 29	7 25
S 28	21 16	23 39	4 39	14 25	2 35	14 8	1 29	21 42	1 26	23 12	0 11	22 45	0 42	4 31	0 46	16 40	0 12	8 35	17 23	19 52	19 34	16 55	12 29	7 26
M29	21 26	25 52	4 0	14 32	2 35	14 32	1 27	21 32	1 25	23 12	0 11	22 45	0 42	4 31	0 46	16 39	0 12	8 35	17 23	19 54	19 35	16 53	12 28	7 26
T 30	21s37	26n25	3n 5	14s42	2n34	14s56	1n26	21s21	1s25	23s13	0n11	22s45	0n42	4s31	0s46	16s39	0s12	8s35	17s23	19s56	19s35	16s50	12n28	7s27

ASTRODIENST EPHEMERIS for the year 1841
geocentric

DECEMBER 1841

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 38 43	8°41'01	8°35	18°35	16°14	1°41	26°8	2°35	20°25	14°37	19°R 8	1°R 3	2°35	10°55	1°R57	W 1
T 2	4 42 40	9°41'53	23° 8	19°22	17°19	2°27	26°22	2°31	20°25	14°39	19°Y 8	1°R 1	2°31	11° 2	1°R55	T 2
F 3	4 46 36	10°42'46	7°037	20°15	18°34	3°13	26°35	2°38	20°25	14°40	19° 7	1°D 0	2°28	11° 8	1°53	F 3
S 4	4 50 33	11°43'40	21°57	21°13	19°49	4° 0	26°49	2°45	20°25	14°41	19° 6	1° 1	2°25	11°15	1°51	S 4
S 5	4 54 29	12°44'36	6°19	22°16	21° 4	4°46	27° 2	2°52	20°26	14°42	19° 6	1°R 2	2°22	11°21	1°49	S 5
M 6	4 58 26	13°45'33	20° 3	23°22	22°19	5°32	27°16	2°58	20°26	14°44	19° 5	1° 2	2°19	11°28	1°47	M 6
T 7	5 2 22	14°46'31	3°49	24°32	23°34	6°19	27°29	3° 5	20°26	14°45	19° 5	1° 1	2°16	11°35	1°45	T 7
W 8	5 6 19	15°47'31	17°22	25°45	24°49	7° 5	27°43	3°12	20°27	14°46	19° 4	0°57	2°12	11°41	1°43	W 8
T 9	5 10 15	16°48'31	0°143	27° 0	26° 4	7°51	27°57	3°19	20°27	14°48	19° 3	0°51	2° 9	11°48	1°40	T 9
F 10	5 14 12	17°49'33	13°52	28°17	27°20	8°38	28°10	3°26	20°27	14°49	19° 3	0°44	2° 6	11°55	1°38	F 10
S 11	5 18 9	18°50'36	26°48	29°36	28°35	9°24	28°24	3°33	20°28	14°51	19° 2	0°36	2° 3	12° 1	1°35	S 11
S 12	5 22 5	19°51'39	9°31	0°57	29°50	10°11	28°38	3°40	20°29	14°52	19° 2	0°28	2° 0	12° 8	1°33	S 12
M13	5 26 2	20°52'44	22° 1	2°19	1°5	10°57	28°51	3°47	20°29	14°54	19° 1	0°21	1°57	12°15	1°30	M13
T 14	5 29 58	21°53'49	4°319	3°43	2°20	11°44	29° 5	3°54	20°30	14°55	19° 1	0°16	1°53	12°21	1°27	T 14
W15	5 33 55	22°54'55	16°25	5° 7	3°36	12°30	29°19	4° 1	20°31	14°57	19° 1	0°13	1°50	12°28	1°24	W15
T 16	5 37 51	23°56'01	28°22	6°33	4°51	13°17	29°33	4° 8	20°32	14°58	19° 0	0°D12	1°47	12°35	1°21	T 16
F 17	5 41 48	24°57'07	10°12	7°59	6° 6	14° 4	29°46	4°15	20°32	15° 0	19° 0	0°13	1°44	12°41	1°18	F 17
S 18	5 45 44	25°58'14	21°58	9°26	7°21	14°50	0°3	4°22	20°33	15° 1	18°59	0°14	1°41	12°48	1°15	S 18
S 19	5 49 41	26°59'22	3°46	10°53	8°37	15°37	0°14	4°29	20°34	15° 3	18°59	0°16	1°37	12°55	1°12	S 19
M20	5 53 38	28° 0'29	15°39	12°21	9°52	16°23	0°28	4°36	20°35	15° 5	18°59	0°18	1°34	13° 1	1° 9	M20
T 21	5 57 34	29° 1'37	27°43	13°50	11° 7	17°10	0°42	4°43	20°36	15° 6	18°59	0°R19	1°31	13° 8	1° 5	T 21
W22	6 1 31	0°2'45	10°Y 3	15°19	12°22	17°57	0°55	4°50	20°37	15° 8	18°58	0°18	1°28	13°14	1° 2	W22
T 23	6 5 27	1° 3'53	22°43	16°49	13°38	18°43	1° 9	4°57	20°39	15°10	18°58	0°16	1°25	13°21	0°58	T 23
F 24	6 9 24	2° 5'01	5°47	18°19	14°53	19°30	1°23	5° 4	20°40	15°12	18°58	0°13	1°22	13°28	0°55	F 24
S 25	6 13 20	3° 6'09	19°19	19°49	16° 8	20°17	1°37	5°11	20°41	15°13	18°58	0° 9	1°18	13°34	0°51	S 25
S 26	6 17 17	4° 7'17	3°117	21°20	17°24	21° 3	1°51	5°18	20°42	15°15	18°57	0° 5	1°15	13°41	0°48	S 26
M27	6 21 13	5° 8'25	17°39	22°51	18°39	21°50	2° 4	5°25	20°44	15°17	18°57	0° 1	1°12	13°48	0°44	M27
T 28	6 25 10	6° 9'34	2°22	24°22	19°54	22°37	2°18	5°32	20°45	15°19	18°57	29°358	1° 9	13°54	0°40	T 28
W29	6 29 7	7°10'42	17°16	25°54	21°10	23°23	2°32	5°39	20°46	15°21	18°57	29°57	1° 6	14° 1	0°36	W29
T 30	6 33 3	8°11'51	2°15	27°26	22°25	24°10	2°46	5°46	20°48	15°23	18°57	29°D56	1° 3	14° 8	0°32	T 30
F 31	6 37 0	9°13'00	17°10	28°58	23°40	24°56	3°3	5°53	20°50	15°25	18°Y57	29°357	0°59	14°14	0°128	F 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	21s46	25n 8	1n58	14s56	2n32	15s19	1n24	21s10	1s24	23s13	0n11	22s45	0n42	4s31	0s46	16s39
T 2	21 56	22 10	0 42	15 11	2 29	15 42	1 23	20 59	1 24	23 14	0 11	22 45	0 42	4 30	0 46	16 38
F 3	22 4	17 49	0s36	15 29	2 25	16 4	1 21	20 48	1 23	23 14	0 11	22 45	0 41	4 30	0 46	16 38
S 4	22 13	12 28	1 51	15 49	2 21	16 26	1 19	20 37	1 23	23 15	0 11	22 45	0 41	4 30	0 46	16 38
S 5	22 21	6 32	2 58	16 10	2 16	16 47	1 18	20 25	1 22	23 15	0 11	22 45	0 41	4 30	0 46	16 37
M 6	22 28	0 22	3 54	16 32	2 10	17 8	1 16	20 13	1 22	23 15	0 10	22 44	0 41	4 30	0 46	16 37
T 7	22 35	5s43	4 35	16 55	2 4	17 29	1 14	20 1	1 21	23 16	0 10	22 44	0 41	4 30	0 46	16 37
W 8	22 42	11 27	5 0	17 19	1 57	17 49	1 12	19 49	1 20	23 16	0 10	22 44	0 41	4 30	0 46	16 36
T 9	22 48	16 33	5 9	17 43	1 50	18 9	1 10	19 36	1 20	23 17	0 10	22 44	0 41	4 29	0 46	16 36
F 10	22 54	20 48	5 1	18 7	1 43	18 28	1 9	19 24	1 19	23 17	0 10	22 44	0 41	4 29	0 46	16 35
S 11	23 0	23 57	4 37	18 31	1 36	18 47	1 7	19 11	1 19	23 17	0 10	22 44	0 41	4 29	0 46	16 35
S 12	23 4	25 52	4 1	18 55	1 29	19 5	1 4	18 58	1 18	23 17	0 10	22 44	0 41	4 29	0 46	16 35
M13	23 9	26 26	3 13	19 19	1 21	19 23	1 2	18 44	1 17	23 18	0 10	22 44	0 41	4 28	0 46	16 34
T 14	23 13	25 40	2 16	19 42	1 14	19 40	1 0	18 31	1 17	23 18	0 10	22 44	0 41	4 28	0 46	16 34
W15	23 16	23 41	1 15	20 5	1 6	19 56	0 58	18 17	1 16	23 18	0 10	22 44	0 40	4 28	0 46	16 33
T 16	23 19	20 40	0 10	20 28	0 58	20 12	0 56	18 3	1 15	23 18	0 9	22 43	0 40	4 27	0 46	16 33
F 17	23 20	16 50	0n54	20 50	0 51	20 28	0 54	17 49	1 15	23 18	0 9	22 43	0 40	4 27	0 46	16 32
S 18	23 24	12 22	1 56	21 11	0 43	20 43	0 52	17 35	1 14	23 18	0 9	22 43	0 40	4 27	0 45	16 32
S 19	23 26	7 26	2 53	21 31	0 35	20 57	0 49	17 20	1 13	23 18	0 9	22 43	0 40	4 26	0 45	16 31
M20	23 27	2 13	3 44	21 50	0 28	21 11	0 47	17 6	1 13	23 18	0 9	22 43	0 40	4 26	0 45	16 31
T 21	23 27	3n 8	4 25	22 9	0 20	21 24	0 45	16 51	1 12	23 19	0 9	22 43	0 40	4 25	0 45	16 30
W22	23 28	8 30	4 55	22 26	0 13	21 36	0 42	16 36	1 12	23 19	0 9	22 42	0 40	4 25	0 45	16 30
T 23	23 27	13 39	5 11	22 43	0 5	21 48	0 40	16 21	1 11	23 18	0 9	22 42	0 40	4 24	0 45	16 29
F 24	23 27	18 22	5 12	22 59	0s 2	21 59	0 38	16 6	1 10	23 18	0 9	22 42	0 40	4 24	0 45	16 29
S 25	23 25	22 19	4 57	23 13	0 9	22 9	0 35	15 50	1 10	23 18	0 9	22 42	0 40	4 23	0 45	16 28
S 26	23 24	25 8	4 23	23 27	0 16	22 19	0 33	15 35	1 9	23 18	0 9	22 42	0 40	4 23	0 45	16 28
M27	23 22	26 25	3 32	23 39	0 23	22 28	0 30	15 19	1 8	23 18	0 8	22 41	0 40	4 22	0 45	16 27
T 28	23 19	25 53	2 26	23 50	0 30	22 37	0 28	15 3	1 7	23 18	0 8	22 41	0 40	4 22	0 45	16 27
W29	23 16	23 29	1 9	24 0	0 36	22 45	0 25	14 47	1 7	23 18	0 8	22 41	0 39	4 21	0 45	16 26
T 30	23 12	19 28	0s13	24 9	0 43	22 52	0 23	14 31	1 6	23 18	0 8	22 41	0 39	4 20	0 45	16 26
F 31	23s 8	14n13	1s34	24s16	0s49	22s58	0n20	14s15	1s 5	23s18	0n 8	22s41	0n39	4s20	0s45	16s25

Julian Day Number = 2393805.5, Delta T = 7.63 sec
Ecliptic obliquity = 23°27'40, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°31'58, Lahiri = 21°38'59