



Astrodienst Ephemeris Tables for the year 2184

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 2184
geocentric

JANUARY 2184

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 41 36	10 ³ 12'33	16 ⁰ 17	29 ⁷ 14	13 ⁷ 29	14 ³ 22	16 ¹ 55	1 ⁰ R44	18 ⁷ 53	16 ¹ 46	0 ⁰ R11	15 ⁰ R 1	16 ¹ 19	10 ⁰ 3	2 ⁰ R33	T 1
F 2	6 45 32	11 ⁰ 13'40	28 ⁰ 44	0 ⁰ 346	14 ⁰ 44	15 ⁰ 8	17 ⁰ 6	1 ⁰ 42	18 ⁰ 53	16 ⁰ 47	0 ⁰ 10	14 ⁰ 57	16 ⁰ 16	10 ⁰ 10	2 ⁰ II30	F 2
S 3	6 49 29	12 ⁰ 14'48	10 ⁰ 55	2 ⁰ 19	15 ⁰ 59	15 ⁰ 54	17 ⁰ 16	1 ⁰ 40	18 ⁰ 54	16 ⁰ 49	0 ⁰ 9	14 ⁰ D56	16 ⁰ 13	10 ⁰ 16	2 ⁰ 28	S 3
S 4	6 53 25	13 ⁰ 15'56	22 ⁰ 53	3 ⁰ 51	17 ⁰ 14	16 ⁰ 40	17 ⁰ 25	1 ⁰ 37	18 ⁰ 54	16 ⁰ 50	0 ⁰ 8	14 ⁰ 56	16 ⁰ 10	10 ⁰ 23	2 ⁰ 25	S 4
M 5	6 57 22	14 ⁰ 17'04	4 ⁰ 44	5 ⁰ 24	18 ⁰ 28	17 ⁰ 26	17 ⁰ 35	1 ⁰ 35	18 ⁰ 54	16 ⁰ 51	0 ⁰ 6	14 ⁰ 57	16 ⁰ 6	10 ⁰ 30	2 ⁰ 23	M 5
T 6	7 1 19	15 ⁰ 18'13	16 ⁰ 32	6 ⁰ 58	19 ⁰ 43	18 ⁰ 13	17 ⁰ 45	1 ⁰ 32	18 ⁰ 55	16 ⁰ 52	0 ⁰ 5	14 ⁰ R57	16 ⁰ 3	10 ⁰ 36	2 ⁰ 21	T 6
W 7	7 5 15	16 ⁰ 19'22	28 ⁰ 23	8 ⁰ 32	20 ⁰ 58	18 ⁰ 59	17 ⁰ 55	1 ⁰ 30	18 ⁰ 55	16 ⁰ 54	0 ⁰ 4	14 ⁰ 56	16 ⁰ 0	10 ⁰ 43	2 ⁰ 19	W 7
T 8	7 9 12	17 ⁰ 20'31	10 ⁰ 23	10 ⁰ 6	22 ⁰ 13	19 ⁰ 45	18 ⁰ 4	1 ⁰ 27	18 ⁰ 56	16 ⁰ 55	0 ⁰ 3	14 ⁰ 53	15 ⁰ 57	10 ⁰ 50	2 ⁰ 17	T 8
F 9	7 13 8	18 ⁰ 21'41	22 ⁰ 36	11 ⁰ 40	23 ⁰ 28	20 ⁰ 31	18 ⁰ 13	1 ⁰ 24	18 ⁰ 56	16 ⁰ 56	0 ⁰ 1	14 ⁰ 48	15 ⁰ 54	10 ⁰ 56	2 ⁰ 15	F 9
S 10	7 17 5	19 ⁰ 22'50	5 ⁰ 6	13 ⁰ 15	24 ⁰ 42	21 ⁰ 17	18 ⁰ 23	1 ⁰ 21	18 ⁰ 57	16 ⁰ 58	29 ⁰ 59	14 ⁰ 41	15 ⁰ 51	11 ⁰ 3	2 ⁰ 13	S 10
S 11	7 21 1	20 ⁰ 24'00	17 ⁰ 55	14 ⁰ 50	25 ⁰ 57	22 ⁰ 4	18 ⁰ 32	1 ⁰ 18	18 ⁰ 58	16 ⁰ 59	29 ⁰ 59	14 ⁰ 31	15 ⁰ 47	11 ⁰ 10	2 ⁰ 11	S 11
M12	7 24 58	21 ⁰ 25'10	1 ⁰ 5	16 ⁰ 26	27 ⁰ 12	22 ⁰ 50	18 ⁰ 41	1 ⁰ 15	18 ⁰ 59	17 ⁰ 1	29 ⁰ 57	14 ⁰ 21	15 ⁰ 44	11 ⁰ 16	2 ⁰ 9	M12
T 13	7 28 54	22 ⁰ 26'19	14 ⁰ 36	18 ⁰ 2	28 ⁰ 27	23 ⁰ 37	18 ⁰ 50	1 ⁰ 12	18 ⁰ 59	17 ⁰ 2	29 ⁰ 56	14 ⁰ 12	15 ⁰ 41	11 ⁰ 23	2 ⁰ 7	T 13
W14	7 32 51	23 ⁰ 27'29	28 ⁰ 23	19 ⁰ 38	29 ⁰ 42	24 ⁰ 23	18 ⁰ 59	1 ⁰ 9	19 ⁰ 0	17 ⁰ 4	29 ⁰ 55	14 ⁰ 4	15 ⁰ 38	11 ⁰ 30	2 ⁰ 5	W14
T 15	7 36 48	24 ⁰ 28'38	12 ⁰ 24	21 ⁰ 15	0 ⁰ 57	25 ⁰ 10	19 ⁰ 7	1 ⁰ 6	19 ⁰ 1	17 ⁰ 5	29 ⁰ 53	13 ⁰ 57	15 ⁰ 35	11 ⁰ 36	2 ⁰ 4	T 15
F 16	7 40 44	25 ⁰ 29'47	26 ⁰ 35	22 ⁰ 53	2 ⁰ 12	25 ⁰ 56	19 ⁰ 16	1 ⁰ 2	19 ⁰ 2	17 ⁰ 7	29 ⁰ 52	13 ⁰ 54	15 ⁰ 31	11 ⁰ 43	2 ⁰ 2	F 16
S 17	7 44 41	26 ⁰ 30'55	10 ⁰ 50	24 ⁰ 31	3 ⁰ 27	26 ⁰ 43	19 ⁰ 24	0 ⁰ 59	19 ⁰ 3	17 ⁰ 8	29 ⁰ 51	13 ⁰ D52	15 ⁰ 28	11 ⁰ 50	2 ⁰ 0	S 17
S 18	7 48 37	27 ⁰ 32'02	25 ⁰ 6	26 ⁰ 9	4 ⁰ 42	27 ⁰ 29	19 ⁰ 33	0 ⁰ 55	19 ⁰ 4	17 ⁰ 10	29 ⁰ 49	13 ⁰ 53	15 ⁰ 25	11 ⁰ 56	1 ⁰ 59	S 18
M19	7 52 34	28 ⁰ 33'09	9 ⁰ 50	27 ⁰ 48	5 ⁰ 57	28 ⁰ 16	19 ⁰ 41	0 ⁰ 51	19 ⁰ 5	17 ⁰ 12	29 ⁰ 48	13 ⁰ 54	15 ⁰ 22	12 ⁰ 3	1 ⁰ 57	M19
T 20	7 56 30	29 ⁰ 34'15	23 ⁰ 30	29 ⁰ 27	7 ⁰ 12	29 ⁰ 2	19 ⁰ 49	0 ⁰ 48	19 ⁰ 6	17 ⁰ 13	29 ⁰ 47	13 ⁰ R55	15 ⁰ 19	12 ⁰ 10	1 ⁰ 56	T 20
W21	8 0 27	0 ⁰ 35'20	7 ⁰ 35	1 ⁰ 7	8 ⁰ 27	29 ⁰ 49	19 ⁰ 57	0 ⁰ 44	19 ⁰ 7	17 ⁰ 15	29 ⁰ 46	13 ⁰ 55	15 ⁰ 16	12 ⁰ 16	1 ⁰ 55	W21
T 22	8 4 23	1 ⁰ 36'25	21 ⁰ 33	2 ⁰ 48	9 ⁰ 41	0 ⁰ 36	20 ⁰ 5	0 ⁰ 40	19 ⁰ 9	17 ⁰ 17	29 ⁰ 44	13 ⁰ 53	15 ⁰ 12	12 ⁰ 23	1 ⁰ 53	T 22
F 23	8 8 20	2 ⁰ 37'28	5 ⁰ II23	4 ⁰ 29	10 ⁰ 56	1 ⁰ 22	20 ⁰ 12	0 ⁰ 36	19 ⁰ 10	17 ⁰ 18	29 ⁰ 43	13 ⁰ 49	15 ⁰ 9	12 ⁰ 30	1 ⁰ 52	F 23
S 24	8 12 17	3 ⁰ 38'31	19 ⁰ 4	6 ⁰ 10	12 ⁰ 11	2 ⁰ 9	20 ⁰ 20	0 ⁰ 32	19 ⁰ 11	17 ⁰ 20	29 ⁰ 42	13 ⁰ 44	15 ⁰ 6	12 ⁰ 36	1 ⁰ 51	S 24
S 25	8 16 13	4 ⁰ 39'33	2 ⁰ 34	7 ⁰ 52	13 ⁰ 26	2 ⁰ 56	20 ⁰ 27	0 ⁰ 28	19 ⁰ 13	17 ⁰ 22	29 ⁰ 40	13 ⁰ 37	15 ⁰ 3	12 ⁰ 43	1 ⁰ 50	S 25
M26	8 20 10	5 ⁰ 40'34	15 ⁰ 52	9 ⁰ 35	14 ⁰ 41	3 ⁰ 43	20 ⁰ 34	0 ⁰ 24	19 ⁰ 14	17 ⁰ 24	29 ⁰ 39	13 ⁰ 30	15 ⁰ 0	12 ⁰ 49	1 ⁰ 49	M26
T 27	8 24 6	6 ⁰ 41'34	28 ⁰ 56	11 ⁰ 18	15 ⁰ 56	4 ⁰ 30	20 ⁰ 42	0 ⁰ 20	19 ⁰ 16	17 ⁰ 25	29 ⁰ 38	13 ⁰ 24	14 ⁰ 57	12 ⁰ 56	1 ⁰ 48	T 27
W28	8 28 3	7 ⁰ 42'33	11 ⁰ 14	13 ⁰ 1	17 ⁰ 11	5 ⁰ 16	20 ⁰ 48	0 ⁰ 15	19 ⁰ 17	17 ⁰ 27	29 ⁰ 36	13 ⁰ 19	14 ⁰ 53	13 ⁰ 3	1 ⁰ 47	W28
T 29	8 31 59	8 ⁰ 43'32	24 ⁰ 19	14 ⁰ 45	18 ⁰ 26	6 ⁰ 3	20 ⁰ 55	0 ⁰ 11	19 ⁰ 19	17 ⁰ 29	29 ⁰ 35	13 ⁰ 16	14 ⁰ 50	13 ⁰ 9	1 ⁰ 47	T 29
F 30	8 35 56	9 ⁰ 44'30	6 ⁰ 39	16 ⁰ 29	19 ⁰ 41	6 ⁰ 50	21 ⁰ 2	0 ⁰ 7	19 ⁰ 20	17 ⁰ 31	29 ⁰ 34	13 ⁰ 14	14 ⁰ 47	13 ⁰ 16	1 ⁰ 46	F 30
S 31	8 39 52	10 ⁰ 45'27	18 ⁰ 46	18 ⁰ 14	20 ⁰ 56	7 ⁰ 37	21 ⁰ 11	0 ⁰ 11	19 ⁰ 22	17 ⁰ 33	29 ⁰ 32	13 ⁰ D14	14 ⁰ 44	13 ⁰ 23	1 ⁰ 45	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	decl	lat	
T 1	23s 1	13n36	2s27	24s 1	0s36	21s15	1n 9	23s33	0s55	15s52	1n 3	12n 9	1n24	6n49	0s38	6s 8	0s59	22n12	2n10	5n54	5n24	2s 4	16n39	4s 4						
F 2	22 56	10 34	1 25	24 7	0 43	21 26	1 6	23 28	0 55	15 54	1 4	12 10	1 24	6 49	0 37	6 7	0 59	22 13	2 10	5 55	5 25	2 6	16 39	4 4						
S 3	22 51	7 8	0 21	24 12	0 49	21 37	1 4	23 23	0 55	15 57	1 4	12 11	1 25	6 49	0 37	6 7	0 59	22 13	2 10	5 56	5 26	2 8	16 38	4 4						
S 4	22 45	3 28	0n42	24 16	0 55	21 47	1 2	23 18	0 56	16 0	1 4	12 12	1 25	6 49	0 37	6 6	0 59	22 14	2 11	5 56	5 27	2 10	16 38	4 4						
M 5	22 39	0s17	1 44	24 19	1 1	21 56	0 59	23 12	0 56	16 2	1 4	12 13	1 25	6 49	0 37	6 6	0 59	22 14	2 11	5 55	5 28	2 11	16 38	4 4						
T 6	22 32	4 1	2 41	24 20	1 7	22 4	0 57	23 6	0 56	16 5	1 4	12 15	1 25	6 49	0 37	6 5	0 59	22 14	2 11	5 55	5 30	2 13	16 37	4 4						
W 7	22 25	7 36	3 31	24 20	1 12	22 12	0 54	23 0	0 57	16 7	1 4	12 16	1 25	6 50	0 37	6 5	0 59	22 15	2 11	5 56	5 31	2 15	16 37	4 4						
T 8	22 17	10 55	4 13	24 19	1 17	22 19	0 52	22 54	0 57	16 10	1 4	12 17	1 26	6 50	0 37	6 4	0 59	22 15	2 11	5 57	5 32	2 17	16 37	4 4						
F 9	22 9	13 50	4 44	24 16	1 23	22 26	0 49	22 48	0 57	16 12	1 4	12 18	1 26	6 50	0 37	6 3	0 59	22 15	2 11	5 59	5 33	2 19	16 36	4 4						
S 10	22 1	16 11	5 2	24 12	1 27	22 32	0 47	22 41	0 58	16 15	1 4	12 19	1 26	6 50	0 37	6 3	0 59	22 16	2 11	6 2	5 35	2 21	16 36	4 3						
S 11	21 52	17 48	5 5	24 7	1 32	22 37	0 44	22 34	0 58	16 17	1 4	12 21	1 26	6 51	0 37	6 2	0 59	22 16	2 11	6 5	5 36	2 23	16 36	4 3						
M12	21 43	18 31	4 53	24 0	1 36	22 41	0 42	22 26	0 58	16 20	1 5	12 22	1 26	6 51	0 37	6 2	0 59	22 16	2 11	6 9	5 37	2 24	16 36	4 3						
T 13	21 33	18 14	4 25	23 52	1 41	22 45	0 39	22 19	0 59	16 22	1 5	12 23	1 27	6 51	0 37	6 1	0 59	22 17	2 11	6 13	5 38	2 26	16 35	4 3						
W14	21 23	16 52	3 40	23 42	1 44	22 48	0 36	22 11	0 59	16 24	1 5	12 24	1 27	6 52	0 37	6 1	0 59	22 17	2 11	6 16	5 40	2 28	16 35	4 3						
T 15	21 12	14 29	2 41	23 31	1 48	22 51	0 34	22 3	0 59	16 27	1 5	12 26	1 27	6 52	0 37	6 0	0 59	22 17	2 11	6 18	5 41	2 30	16 35	4 3						
F 16	21 1	11 12	1 32	23 18	1 51	22 53	0 31	21 55	0 59	16 29	1 5	12 27	1 27	6 53	0 37	5 59	0 59	22 18	2 11	6 20	5 42	2 32	16 35	4 3						
S 17	20 50	7 15	0 16	23 4	1 54	22 54	0 29	21 46	1 0	16 31	1 5	12 29	1 27	6 53	0 37	5 59	0 59	22 18	2 12	6 20	5 43	2 34	16 35	4 3						
S 18	20 38	2 52	1s 0	22 49	1 57	22 54	0 26	21 37	1 0	16 33	1 5	12 30	1 28	6 53	0 37	5 58	0 59	22 19	2 12	6 20	5 44	2 36	16 34	4 2						
M19	20 26	1n39	2 13	22 32	1 59	22 54	0 23	21 28	1 0	16 35	1 5	12 32	1 28	6 54	0 37	5 57	0 59	22 19	2 12	6 20	5 46	2 37	16 34	4 2						
T 20	20 13	6 3	3 18	22 13	2 1	22 53	0 20	21 19	1 0	16 37	1 6	12 33	1 28	6 54	0 37	5 57	0 59	22 19	2 12	6 19	5 47	2 39	16 34	4 2						
W21	20 0	10 5	4 10	21 53	2 3	22 51	0 18	21 9	1 1	16 39	1 6	12 35	1 28	6 55	0 37	5 56	0 59	22 20	2 12	6 19	5 48	2 41	16 34	4 2						
T 22	19 47	13 31	4 47	21 32	2 4	22 48	0 15	21 0	1 1	16 41	1 6	12 36	1 28	6 55	0 37	5 55	0 59	22 20	2 12	6 20	5 49	2 43	16 34	4 2						
F 23	19 33	16 9	5 7	21 9	2 5	22 45	0 12	20 50	1 1	16 43	1 6	12 38	1 29	6 56	0 37	5 55	0 59	22 20	2 12	6 21	5 51	2 45	16 34	4 2						
S 24	19 19	17 50	5 9	20 44	2 6	22 42	0 10	20 39	1 1	16 45	1 6	12 39	1 29	6 56	0 37	5 54	0 59	22 21	2 12	6 23	5 52	2 47	16 34	4 2						
S 25	19 5	18 30	4 53	20 18	2 6	22 37	0 7	20 29	1 2	16 47	1 6	12 41	1 29	6 57	0 37	5 53	0 59	22 21	2 12	6 26	5 53	2 49	16 34	4 1						
M26	18 50	18 8	4 22	19 51	2 5	22 32	0 4	20 18	1 2	16 48	1 6	12 42	1 29	6 57	0 37	5 53	0 59	22 21	2 12	6 29	5 54	2 51	16 34	4 1						
T 27	18 35	16 47	3 38	19 22	2 4	22 26	0 2	20 7	1 2	16 50	1 6	12 44	1 29	6 58	0 37	5 52	0 59	22 22	2 12	6 31	5 56	2 52	16 34	4 1						
W28	18 19	14 38	2 43	18 51	2 3	22 19	0s 1	19 56	1 2	16 52	1 7	12 46	1 29	6 59	0 37	5 51	0 59	22 22	2 12	6 33	5 57	2 54	16 34	4 1						
T 29	18 4	11 48	1 42	18 20	2 1	22 12	0 3	19 45	1 2	16 54	1 7	12 47	1 29	6 59	0 36	5 50	0 59	22 22	2 12	6 34	5 58	2 56	16 34	4 1						
F 30	17 47	8 30	0 36	17 46	1 59	22 4	0 6	19 33	1 3	16 55	1 7	12 49	1 30	7 0	0 36	5 50	0 59	22 23	2 12	6 35	5 59	2 58	16 34	4 1						
S 31	17s31	4n54	0n30	17s11	1s56	21s56	0s 9	19s21	1s 3	16s57	1n 7	12n51	1n30	7n 1	0s36	5s49	0s59	22n23	2n12	6n35	6n 0	3s 0	16n34	4s 0						

ASTRODIENST EPHEMERIS for the year 2184

geocentric

FEBRUARY 2184

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 43 49	11°46'23	0°43	19°59	22°11	8°24	21°15	29°R58	19°Y24	17°K35	29°R31	13°M15	14°M41	13°29	1°R45	S 1
M 2	8 47 46	12°47'18	12°34	21°44	23°26	9°11	21°21	29°Q53	19°26	17°37	29°Q30	13°17	14°37	13°36	1°I44	M 2
T 3	8 51 42	13°48'13	24°22	23°29	24°41	9°58	21°27	29°49	19°27	17°39	29°29	13°19	14°34	13°43	1°44	T 3
W 4	8 55 39	14°49'07	6°13	25°15	25°56	10°45	21°33	29°44	19°29	17°41	29°27	13°20	14°31	13°49	1°43	W 4
T 5	8 59 35	15°50'01	18°12	27° 0	27°11	11°32	21°39	29°39	19°31	17°43	29°26	13°R20	14°28	13°56	1°43	T 5
F 6	9 3 32	16°50'53	0°24	28°44	28°26	12°19	21°45	29°35	19°33	17°45	29°25	13°19	14°25	14° 3	1°43	F 6
S 7	9 7 28	17°51'45	12°53	0°K28	29°41	13° 6	21°50	29°30	19°35	17°47	29°24	13°17	14°22	14° 9	1°43	S 7
S 8	9 11 25	18°52'36	25°43	2°12	0°56	13°53	21°56	29°25	19°37	17°49	29°22	13°14	14°18	14°16	1°43	S 8
M 9	9 15 21	19°53'26	8°36	3°54	2°11	14°40	22° 1	29°21	19°39	17°51	29°21	13°11	14°15	14°23	1°D43	M 9
T 10	9 19 18	20°54'15	22°34	5°34	3°26	15°28	22° 6	29°16	19°41	17°53	29°20	13° 7	14°12	14°29	1°43	T 10
W11	9 23 15	21°55'03	6°36	7°13	4°41	16°15	22°11	29°11	19°43	17°55	29°19	13° 4	14° 9	14°36	1°43	W11
T 12	9 27 11	22°55'50	20°57	8°49	5°56	17° 2	22°15	29° 6	19°45	17°57	29°17	13° 2	14° 6	14°43	1°43	T 12
F 13	9 31 8	23°56'36	5°K32	10°22	7°11	17°49	22°20	29° 1	19°48	17°59	29°16	13° 1	14° 3	14°49	1°43	F 13
S 14	9 35 4	24°57'20	20°15	11°52	8°26	18°36	22°24	28°57	19°50	18° 1	29°15	13°D 1	13°59	14°56	1°43	S 14
S 15	9 39 1	25°58'02	4°Y59	13°18	9°41	19°23	22°28	28°52	19°52	18° 3	29°14	13° 2	13°56	15° 3	1°44	S 15
M16	9 42 57	26°58'43	19°38	14°39	10°56	20°11	22°32	28°47	19°55	18° 6	29°13	13° 3	13°53	15° 9	1°44	M16
T 17	9 46 54	27°59'23	4° 6	15°55	12°11	20°58	22°36	28°42	19°57	18° 8	29°12	13° 4	13°50	15°16	1°45	T 17
W18	9 50 50	29° 0'00	18°19	17° 4	13°26	21°45	22°40	28°37	19°59	18°10	29°10	13° 5	13°47	15°23	1°46	W18
T 19	9 54 47	0°K 0'36	2°I17	18° 7	14°41	22°32	22°43	28°32	20° 2	18°12	29° 9	13°R 5	13°43	15°29	1°46	T 19
F 20	9 58 44	1° 1'11	15°58	19° 2	15°56	23°20	22°46	28°27	20° 4	18°14	29° 8	13° 5	13°40	15°36	1°47	F 20
S 21	10 2 40	2° 1'43	29°23	19°49	17°11	24° 7	22°49	28°23	20° 7	18°17	29° 7	13° 4	13°37	15°43	1°48	S 21
S 22	10 6 37	3° 2'14	12°Q32	20°27	18°26	24°54	22°52	28°18	20° 9	18°19	29° 6	13° 2	13°34	15°49	1°49	S 22
M23	10 10 33	4° 2'43	25°27	20°56	19°41	25°41	22°55	28°13	20°12	18°21	29° 5	13° 1	13°31	15°56	1°50	M23
T 24	10 14 30	5° 3'10	8°Q 8	21°15	20°56	26°29	22°58	28° 8	20°15	18°23	29° 4	13° 0	13°28	16° 3	1°51	T 24
W25	10 18 26	6° 3'36	20°37	21°R25	22°10	27°16	23° 0	28° 3	20°17	18°25	29° 3	12°59	13°24	16° 9	1°52	W25
T 26	10 22 23	7° 4'00	2°M54	21°24	23°25	28° 3	23° 2	27°58	20°20	18°28	29° 2	12°59	13°21	16°16	1°53	T 26
F 27	10 26 19	8° 4'22	15° 2	21°13	24°40	28°51	23° 4	27°54	20°23	18°30	29° 1	12°D58	13°18	16°23	1°54	F 27
S 28	10 30 16	9° 4'42	27° 2	20°52	25°55	29°38	23° 6	27°49	20°25	18°32	29° 0	12°59	13°15	16°29	1°55	S 28
S 29	10 34 13	10°K 5'01	8°Q55	20°K22	27°R10	0°K25	23°M 8	27°Q44	20°Y28	18°K34	28°Q59	12°M59	13°M12	16°Q36	1°I57	S 29

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	17s14	1n10	1n34	16s35	1s53	21s46	0s11	19s 9	1s 3	16s58	1n 7	12n53	1n30	7n 1	0s36	S 1
M 2	16 57	2s35	2 34	15 58	1 49	21 36	0 14	18 57	1 3	17 0	1 7	12 54	1 30	7 2	0 36	M 2
T 3	16 40	6 14	3 27	15 19	1 44	21 26	0 16	18 45	1 3	17 1	1 7	12 56	1 30	7 3	0 36	T 3
W 4	16 22	9 37	4 11	14 39	1 39	21 15	0 19	18 32	1 4	17 3	1 8	12 58	1 30	7 3	0 36	W 4
T 5	16 4	12 40	4 45	13 57	1 33	21 3	0 21	18 19	1 4	17 4	1 8	13 0	1 31	7 4	0 36	T 5
F 6	15 46	15 13	5 7	13 15	1 26	20 50	0 24	18 6	1 4	17 5	1 8	13 1	1 31	7 5	0 36	F 6
S 7	15 28	17 7	5 15	12 32	1 19	20 37	0 26	17 53	1 4	17 7	1 8	13 3	1 31	7 6	0 36	S 7
S 8	15 9	18 13	5 7	11 47	1 11	20 23	0 29	17 40	1 4	17 8	1 8	13 5	1 31	7 6	0 36	S 8
M 9	14 50	18 24	4 44	11 2	1 2	20 9	0 31	17 26	1 4	17 9	1 8	13 7	1 31	7 7	0 36	M 9
T 10	14 31	17 31	4 3	10 17	0 53	19 54	0 33	17 12	1 4	17 10	1 9	13 8	1 31	7 8	0 36	T 10
W11	14 11	15 34	3 8	9 31	0 43	19 39	0 36	16 58	1 4	17 11	1 9	13 10	1 31	7 9	0 36	W11
T 12	13 51	12 37	1 59	8 45	0 32	19 23	0 38	16 44	1 5	17 12	1 9	13 12	1 31	7 10	0 36	T 12
F 13	13 32	8 50	0 41	7 59	0 20	19 6	0 40	16 30	1 5	17 13	1 9	13 14	1 31	7 11	0 36	F 13
S 14	13 11	4 28	0s40	7 13	0 7	18 49	0 42	16 16	1 5	17 14	1 9	13 16	1 32	7 12	0 36	S 14
S 15	12 51	0n10	1 59	6 28	0n 6	18 31	0 44	16 1	1 5	17 15	1 9	13 17	1 32	7 12	0 36	S 15
M16	12 30	4 45	3 9	5 44	0 19	18 13	0 46	15 46	1 5	17 16	1 9	13 19	1 32	7 13	0 36	M16
T 17	12 10	9 0	4 7	5 2	0 34	17 54	0 49	15 31	1 5	17 17	1 10	13 21	1 32	7 14	0 36	T 17
W18	11 49	12 39	4 48	4 21	0 48	17 35	0 51	15 16	1 5	17 17	1 10	13 23	1 32	7 15	0 36	W18
T 19	11 27	15 30	5 11	3 43	1 4	17 15	0 53	15 1	1 5	17 18	1 10	13 24	1 32	7 16	0 36	T 19
F 20	11 6	17 26	5 17	3 7	1 19	16 55	0 55	14 45	1 5	17 19	1 10	13 26	1 32	7 17	0 36	F 20
S 21	10 44	18 20	5 4	2 35	1 35	16 34	0 56	14 30	1 5	17 19	1 10	13 28	1 32	7 18	0 36	S 21
S 22	10 23	18 14	4 36	2 5	1 50	16 13	0 58	14 14	1 5	17 20	1 10	13 30	1 32	7 19	0 36	S 22
M23	10 1	17 11	3 54	1 40	2 6	15 51	1 0	13 58	1 5	17 21	1 11	13 32	1 32	7 20	0 36	M23
T 24	9 39	15 17	3 2	1 19	2 21	15 29	1 2	13 42	1 5	17 21	1 11	13 33	1 32	7 21	0 36	T 24
W25	9 17	12 41	2 1	1 2	2 35	15 6	1 3	13 26	1 5	17 21	1 11	13 35	1 32	7 22	0 36	W25
T 26	8 54	9 34	0 56	0 50	2 48	14 43	1 5	13 9	1 5	17 22	1 11	13 37	1 33	7 23	0 36	T 26
F 27	8 32	6 4	0n11	0 43	3 1	14 20	1 7	12 53	1 5	17 22	1 11	13 38	1 33	7 24	0 36	F 27
S 28	8 9	2 22	1 17	0 40	3 12	13 56	1 8	12 36	1 5	17 23	1 11	13 40	1 33	7 25	0 36	S 28
S 29	7s47	1s24	2n19	0s43	3n22	13s32	1s10	12s20	1s 5	17s23	1n12	13n42	1n33	7n26	0s36	S 29

Julian Day Number = 2518780.5, Delta T = 148.24 sec
 Ecliptic obliquity = 23°24'46, Nutation = - 0°00'03, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°18'46, Lahiri = 26°25'46

ASTRODIENST EPHEMERIS for the year 2184
geocentric

MARCH 2184

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 38 9	11♈ 5'18	20♌45	19°R44	28♌25	1♈12	23♌9	27°R40	20♈31	18♈37	28°R58	12♈59	13♈9	16♌43	1♈58	M 1
T 2	10 42 6	12° 5'34	2♌34	18♈58	29°40	2° 0	23°11	27♌35	20°34	18°39	28♌57	12°59	13° 5	16°49	2° 0	T 2
W 3	10 46 2	13° 5'48	14°26	18° 7	0♈55	2°47	23°12	27°30	20°37	18°41	28°56	12°R59	13° 2	16°56	2° 1	W 3
T 4	10 49 59	14° 6'01	26°25	17°10	2°10	3°34	23°13	27°26	20°40	18°43	28°55	12°59	12°59	17° 3	2° 3	T 4
F 5	10 53 55	15° 6'12	8♌34	16°10	3°24	4°22	23°13	27°21	20°42	18°46	28°55	12°59	12°56	17° 9	2° 5	F 5
S 6	10 57 52	16° 6'22	20°59	15° 8	4°39	5° 9	23°14	27°17	20°45	18°48	28°54	12°D59	12°53	17°16	2° 6	S 6
S 7	11 1 48	17° 6'30	3♌44	14° 6	5°54	5°56	23°14	27°12	20°48	18°50	28°53	12°59	12°49	17°23	2° 8	S 7
M 8	11 5 45	18° 6'37	16°52	13° 4	7° 9	6°44	23°R14	27° 8	20°51	18°53	28°52	13° 0	12°46	17°29	2°10	M 8
T 9	11 9 41	19° 6'42	0♌26	12° 5	8°24	7°31	23°14	27° 4	20°54	18°55	28°51	13° 0	12°43	17°36	2°12	T 9
W10	11 13 38	20° 6'46	14°27	11°10	9°39	8°18	23°14	26°59	20°57	18°57	28°50	13° 1	12°40	17°43	2°14	W10
T 11	11 17 35	21° 6'47	28°53	10°19	10°53	9° 6	23°14	26°55	21° 1	18°59	28°50	13° 2	12°37	17°49	2°16	T 11
F 12	11 21 31	22° 6'47	13♈40	9°33	12° 8	9°53	23°13	26°51	21° 4	19° 2	28°49	13°R 2	12°34	17°56	2°18	F 12
S 13	11 25 28	23° 6'46	28°42	8°53	13°23	10°40	23°12	26°47	21° 7	19° 4	28°48	13° 1	12°30	18° 3	2°20	S 13
S 14	11 29 24	24° 6'42	13♈48	8°19	14°38	11°27	23°11	26°43	21°10	19° 6	28°48	13° 1	12°27	18° 9	2°23	S 14
M15	11 33 21	25° 6'36	28°52	7°52	15°52	12°15	23°10	26°39	21°13	19° 9	28°47	12°59	12°24	18°16	2°25	M15
T 16	11 37 17	26° 6'28	13♌43	7°31	17° 7	13° 2	23° 9	26°35	21°16	19°11	28°46	12°58	12°21	18°23	2°27	T 16
W17	11 41 14	27° 6'18	28°15	7°17	18°22	13°49	23° 7	26°31	21°19	19°13	28°46	12°56	12°18	18°29	2°30	W17
T 18	11 45 10	28° 6'06	12♌24	7° 9	19°37	14°36	23° 6	26°27	21°23	19°15	28°45	12°55	12°14	18°36	2°32	T 18
F 19	11 49 7	29° 5'51	26° 9	7°D 7	20°51	15°24	23° 4	26°23	21°26	19°18	28°45	12°D54	12°11	18°43	2°35	F 19
S 20	11 53 4	0♈5'34	9♌30	7°11	22° 6	16°11	23° 2	26°20	21°29	19°20	28°44	12°55	12° 8	18°49	2°37	S 20
S 21	11 57 0	1° 5'15	22°30	7°21	23°21	16°58	22°59	26°16	21°32	19°22	28°44	12°56	12° 5	18°56	2°40	S 21
M22	12 0 57	2° 4'54	5♌11	7°36	24°35	17°45	22°57	26°13	21°36	19°24	28°43	12°57	12° 2	19° 3	2°43	M22
T 23	12 4 53	3° 4'30	17°36	7°57	25°50	18°32	22°54	26° 9	21°39	19°27	28°43	12°59	11°59	19°10	2°45	T 23
W24	12 8 50	4° 4'04	29°49	8°23	27° 5	19°19	22°51	26° 6	21°42	19°29	28°42	13° 0	11°55	19°16	2°48	W24
T 25	12 12 46	5° 3'36	11♈53	8°53	28°19	20° 7	22°48	26° 3	21°45	19°31	28°42	13°R 0	11°52	19°23	2°51	T 25
F 26	12 16 43	6° 3'06	23°50	9°27	29°34	20°54	22°45	26° 0	21°49	19°33	28°41	13° 0	11°49	19°30	2°54	F 26
S 27	12 20 39	7° 2'34	5♌42	10° 6	0♈49	21°41	22°42	25°57	21°52	19°35	28°41	12°58	11°46	19°36	2°57	S 27
S 28	12 24 36	8° 2'00	17°33	10°48	2° 3	22°28	22°38	25°54	21°55	19°38	28°41	12°55	11°43	19°43	3° 0	S 28
M29	12 28 32	9° 1'24	29°22	11°34	3°18	23°15	22°35	25°51	21°59	19°40	28°40	12°51	11°40	19°50	3° 3	M29
T 30	12 32 29	10° 0'45	11♌14	12°24	4°32	24° 2	22°31	25°48	22° 2	19°42	28°40	12°47	11°36	19°56	3° 6	T 30
W31	12 36 26	11♈0'05	23♌9	13♈17	5♈47	24♈49	22♌27	25♌45	22♈6	19♈44	28♌40	12♈42	11♈33	20♌3	3♈9	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	decl lat
M 1	7s24	5s 5	3n15	0s51	3n30	13s 7	1s11	12s 3	1s 5	17s23	1n12	13n43	1n33	7n27	0s36	5s24
T 2	7 1	8 33	4 2	1 3	3 36	12 43	1 12	11 46	1 5	17 23	1 12	13 45	1 33	7 28	0 36	5 23
W 3	6 38	11 42	4 39	1 19	3 40	12 17	1 14	11 29	1 5	17 23	1 12	13 47	1 33	7 30	0 35	5 22
T 4	6 15	14 23	5 5	1 40	3 41	11 52	1 15	11 12	1 5	17 23	1 12	13 48	1 33	7 31	0 35	5 21
F 5	5 52	16 29	5 17	2 3	3 41	11 26	1 16	10 55	1 5	17 23	1 12	13 50	1 33	7 32	0 35	5 20
S 6	5 29	17 52	5 15	2 29	3 38	11 0	1 17	10 37	1 5	17 23	1 13	13 51	1 33	7 33	0 35	5 19
S 7	5 5	18 24	4 57	2 58	3 34	10 33	1 18	10 20	1 5	17 23	1 13	13 53	1 33	7 34	0 35	5 19
M 8	4 42	17 59	4 24	3 27	3 27	10 6	1 19	10 2	1 5	17 23	1 13	13 55	1 33	7 35	0 35	5 18
T 9	4 18	16 32	3 35	3 57	3 19	9 39	1 20	9 45	1 5	17 23	1 13	13 56	1 33	7 36	0 35	5 17
W10	3 55	14 3	2 32	4 27	3 9	9 12	1 21	9 27	1 5	17 23	1 13	13 58	1 33	7 37	0 35	5 16
T 11	3 31	10 38	1 18	4 57	2 58	8 44	1 22	9 9	1 5	17 23	1 13	13 59	1 33	7 39	0 35	5 15
F 12	3 8	6 28	0s 4	5 25	2 45	8 17	1 23	8 51	1 5	17 22	1 14	14 0	1 33	7 40	0 35	5 14
S 13	2 44	1 50	1 26	5 53	2 32	7 49	1 23	8 33	1 4	17 22	1 14	14 2	1 33	7 41	0 35	5 13
S 14	2 20	2n56	2 43	6 18	2 18	7 20	1 24	8 15	1 4	17 22	1 14	14 3	1 33	7 42	0 35	5 12
M15	1 56	7 30	3 48	6 42	2 4	6 52	1 25	7 57	1 4	17 21	1 14	14 5	1 33	7 43	0 35	5 11
T 16	1 33	11 32	4 37	7 3	1 49	6 23	1 25	7 39	1 4	17 21	1 14	14 6	1 33	7 45	0 35	5 11
W17	1 9	14 46	5 6	7 22	1 35	5 55	1 26	7 21	1 4	17 20	1 14	14 7	1 33	7 46	0 35	5 10
T 18	0 45	17 1	5 17	7 38	1 20	5 26	1 26	7 2	1 4	17 20	1 14	14 9	1 33	7 47	0 35	5 9
F 19	0 22	18 13	5 8	7 53	1 5	4 57	1 26	6 44	1 4	17 19	1 15	14 10	1 33	7 48	0 35	5 8
S 20	0n 2	18 22	4 43	8 5	0 51	4 27	1 27	6 25	1 4	17 18	1 15	14 11	1 33	7 49	0 35	5 7
S 21	0 26	17 31	4 4	8 14	0 37	3 58	1 27	6 7	1 3	17 18	1 15	14 12	1 33	7 51	0 35	5 6
M22	0 50	15 49	3 14	8 21	0 23	3 29	1 27	5 48	1 3	17 17	1 15	14 13	1 33	7 52	0 35	5 5
T 23	1 13	13 23	2 16	8 26	0 10	2 59	1 27	5 30	1 3	17 16	1 15	14 15	1 33	7 53	0 35	5 5
W24	1 37	10 24	1 12	8 28	0s 3	2 29	1 27	5 11	1 3	17 15	1 15	14 16	1 33	7 54	0 35	5 4
T 25	2 1	7 0	0 6	8 28	0 16	2 0	1 27	4 52	1 3	17 14	1 15	14 17	1 33	7 56	0 35	5 3
F 26	2 24	3 21	0n59	8 26	0 28	1 30	1 27	4 34	1 2	17 13	1 15	14 18	1 33	7 57	0 35	5 2
S 27	2 48	0s24	2 2	8 23	0 39	1 0	1 26	4 15	1 2	17 12	1 16	14 19	1 33	7 58	0 35	5 1
S 28	3 11	4 7	2 59	8 17	0 50	0 30	1 26	3 56	1 2	17 11	1 16	14 20	1 33	7 59	0 35	5 0
M29	3 34	7 41	3 48	8 9	1 0	0 0	1 26	3 37	1 2	17 10	1 16	14 21	1 33	8 1	0 35	4 59
T 30	3 58	10 57	4 27	7 59	1 10	0n30	1 25	3 19	1 2	17 9	1 16	14 22	1 33	8 2	0 35	4 59
W31	4n21	13s46	4n55	7s47	1s19	1n 0	1s25	3s 0	1s 1	17s 8	1n16	14n22	1n33	8n 3	0s35	4s58

Julian Day Number = 2518809.5, Delta T = 148.31 sec
Ecliptic obliquity = 23°24'47", Nutation = - 0°00'04", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°18'50", Lahiri = 26°25'50"

ASTRODIENST EPHEMERIS for the year 2184

geocentric

APRIL 2184

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 40 22	11°59'24	5♈11	14♈13	7♍1	25♈36	22°R23	25°R43	22°Y 9	19♈46	28°R39	12°R37	11♎30	20♌10	3♊12	T 1
F 2	12 44 19	12°58'40	17°22	15°11	8°16	26°23	22♎18	25♌40	22°12	19°48	28♌39	12♎33	11°27	20°16	3°16	F 2
S 3	12 48 15	13°57'55	29°46	16°13	9°30	27°10	22°14	25°38	22°16	19°50	28°39	12°31	11°24	20°23	3°19	S 3
S 4	12 52 12	14°57'07	12♌27	17°17	10°45	27°57	22° 9	25°35	22°19	19°53	28°39	12°D30	11°20	20°30	3°22	S 4
M 5	12 56 8	15°56'18	25°28	18°23	11°59	28°44	22° 4	25°33	22°23	19°55	28°39	12°30	11°17	20°36	3°26	M 5
T 6	13 0 5	16°55'28	8♌53	19°32	13°14	29°30	22° 0	25°31	22°26	19°57	28°39	12°31	11°14	20°43	3°29	T 6
W 7	13 4 1	17°54'35	22°44	20°43	14°28	0♍17	21°54	25°29	22°29	19°59	28°38	12°33	11°11	20°50	3°33	W 7
T 8	13 7 58	18°53'41	7♈2	21°57	15°43	1° 4	21°49	25°27	22°33	20° 1	28°38	12°R34	11° 8	20°56	3°36	T 8
F 9	13 11 55	19°52'45	21°44	23°12	16°57	1°51	21°44	25°25	22°36	20° 3	28°38	12°34	11° 5	21° 3	3°40	F 9
S 10	13 15 51	20°51'47	6♍46	24°30	18°11	2°38	21°38	25°23	22°40	20° 5	28°38	12°32	11° 1	21°10	3°43	S 10
S 11	13 19 48	21°50'47	22° 0	25°49	19°26	3°24	21°33	25°22	22°43	20° 7	28°D38	12°28	10°58	21°16	3°47	S 11
M12	13 23 44	22°49'45	7♈16	27°10	20°40	4°11	21°27	25°20	22°47	20° 9	28°38	12°23	10°55	21°23	3°51	M12
T 13	13 27 41	23°48'41	22°23	28°33	21°55	4°58	21°21	25°19	22°50	20°11	28°38	12°17	10°52	21°30	3°54	T 13
W14	13 31 37	24°47'35	7♊11	29°58	23° 9	5°44	21°15	25°17	22°53	20°13	28°38	12°10	10°49	21°36	3°58	W14
T 15	13 35 34	25°46'27	21°35	1°Y25	24°23	6°31	21° 9	25°16	22°57	20°15	28°39	12° 5	10°45	21°43	4° 2	T 15
F 16	13 39 30	26°45'17	5♌30	2°53	25°38	7°18	21° 2	25°15	23° 0	20°17	28°39	12° 1	10°42	21°50	4° 6	F 16
S 17	13 43 27	27°44'04	18°56	4°24	26°52	8° 4	20°56	25°14	23° 4	20°19	28°39	11°59	10°39	21°56	4°10	S 17
S 18	13 47 24	28°42'49	1♌56	5°55	28° 6	8°51	20°49	25°13	23° 7	20°21	28°39	11°D59	10°36	22° 3	4°14	S 18
M19	13 51 20	29°41'32	14°33	7°29	29°21	9°37	20°43	25°12	23°11	20°22	28°39	12° 0	10°33	22°10	4°17	M19
T 20	13 55 17	0♌40'12	26°52	9° 4	0♌35	10°24	20°36	25°12	23°14	20°24	28°39	12° 1	10°30	22°16	4°21	T 20
W21	13 59 13	1°38'51	8♎57	10°41	1°49	11°10	20°29	25°11	23°17	20°26	28°40	12°R 2	10°26	22°23	4°25	W21
T 22	14 3 10	2°37'27	20°53	12°19	3° 3	11°57	20°22	25°11	23°21	20°28	28°40	12° 1	10°23	22°30	4°29	T 22
F 23	14 7 6	3°36'01	2♌44	13°59	4°17	12°43	20°15	25°10	23°24	20°30	28°40	11°59	10°20	22°36	4°34	F 23
S 24	14 11 3	4°34'33	14°33	15°41	5°32	13°29	20° 8	25°10	23°28	20°32	28°41	11°54	10°17	22°43	4°38	S 24
S 25	14 14 59	5°33'03	26°22	17°25	6°46	14°15	20° 1	25°10	23°31	20°33	28°41	11°47	10°14	22°50	4°42	S 25
M26	14 18 56	6°31'31	8♎14	19°10	8° 0	15° 2	19°54	25°D10	23°34	20°35	28°41	11°38	10°11	22°56	4°46	M26
T 27	14 22 53	7°29'57	20°11	20°57	9°14	15°48	19°47	25°10	23°38	20°37	28°42	11°28	10° 7	23° 3	4°50	T 27
W28	14 26 49	8°28'22	2♌13	22°45	10°28	16°34	19°39	25°10	23°41	20°38	28°42	11°17	10° 4	23°10	4°54	W28
T 29	14 30 46	9°26'44	14°23	24°35	11°42	17°20	19°32	25°10	23°44	20°40	28°43	11° 7	10° 1	23°17	4°59	T 29
F 30	14 34 42	10♌25'06	26♌42	26°Y27	12♌56	18°Y 6	19♎25	25♌11	23°Y48	20♈42	28♌43	10♎58	9♎58	23♌23	5♊13	F 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	4n44	16s 3	5n10	7s34	1s28	1n29	1s24	2s41	1s 1	17s 7	1n16	14n23	1n33	8n 4	0s35	4s57
F 2	5 7 17	38 5	12 7	19 1	36 1	59 1	24 2	22 1	1 17	6 1	16 14	24 1	33 8	6 0	35 4	56 0
S 3	5 30 18	26 4	59 7	2 1	44 2	29 1	23 2	3 1	1 17	5 1	16 14	25 1	33 8	7 0	35 4	55 0
S 4	5 53 18	20 4	31 6	44 1	51 2	59 1	22 1	44 1	0 17	3 1	16 14	26 1	32 8	8 0	35 4	55 0
M 5	6 16 17	16 3	49 6	24 1	58 3	29 1	22 1	26 1	0 17	2 1	17 14	26 1	32 8	10 0	35 4	54 0
T 6	6 39 15	13 2	54 6	2 4	3 58	1 21	1 7	1 0	17 1	1 17	14 27	1 32	8 11	0 35	4 53	0 59
W 7	7 1 12	15 1	46 5	39 2	9 4	28 1	20 0	48 1	0 16	59 1	17 14	28 1	32 8	12 0	35 4	52 0
T 8	7 24 8	27 0	30 5	35 2	14 4	58 1	19 0	29 0	59 16	58 1	17 14	28 1	32 8	13 0	35 4	51 0
F 9	7 46 4	2 0s50	4 49	2 19	5 27	1 18	0 10	0 59	16 56	1 17	14 29	1 32	8 15	0 35	4 51	0 59
S 10	8 8 0n44	2 8	4 22	2 23	5 56	1 17	0n 9	0 59	16 55	1 17	14 29	1 32	8 16	0 35	4 50	0 59
S 11	8 30 5	30 3	18 3	54 2	26 6	26 1	16 0	28 0	58 16	53 1	17 14	30 1	32 8	17 0	35 4	49 0
M12	8 52 9	55 4	14 3	24 2	29 6	55 1	15 0	46 0	58 16	52 1	17 14	30 1	32 8	19 0	35 4	48 0
T 13	9 14 13	39 4	51 2	54 2	32 7	23 1	13 5	0 58	16 50	1 17	14 31	1 32	8 20	0 35	4 47	0 59
W14	9 36 16	25 5	9 2	22 3	34 7	52 1	12 1	24 0	57 16	49 1	17 14	31 1	32 8	21 0	35 4	47 0
T 15	9 57 18	4 5	6 1	48 2	35 8	21 1	11 1	43 0	57 16	47 1	17 14	31 1	32 8	22 0	35 4	46 0
F 16	10 18 18	34 4	44 1	14 2	36 8	49 1	9 2	1 0	57 16	45 1	17 14	32 1	32 8	24 0	35 4	45 0
S 17	10 39 17	59 4	8 0	39 2	36 9	17 1	8 2	20 0	56 16	43 1	17 14	32 1	32 8	25 0	35 4	44 0
S 18	11 0 16	28 3	20 0	2 2	36 9	45 1	7 2	39 0	56 16	42 1	17 14	32 1	32 8	26 0	35 4	43 0
M19	11 21 14	10 2	23 0n35	2 35	10 13	1 5	2 57	0 56	16 40	1 17	14 32	1 31	8 27	0 35	4 43	0 59
T 20	11 42 11	16 1	21 1	14 2	34 10	40 1	3 3	16 0	55 16	38 1	18 14	33 1	31 8	29 0	35 4	42 0
W21	12 2 7	57 0	17 1	53 2	32 11	8 1	2 3	34 0	55 16	36 1	18 14	33 1	31 8	30 0	35 4	42 0
T 22	12 22 4	20 0n48	2 34	2 30	11 35	1 0	3 53	0 54	16 34	1 18	14 33	1 31	8 31	0 35	4 41	0 59
F 23	12 42 0	35 1	49 3	15 2	27 12	1 0	58 4	11 0	54 16	33 1	18 14	33 1	31 8	32 0	35 4	40 0
S 24	13 2 3s11	2 46	3 57	2 24	12 28	0 57	4 30	0 54	16 31	1 18	14 33	1 31	8 34	0 35	4 40	0 59
S 25	13 21 6	49 3	35 4	40 2	20 12	54 0	55 4	48 0	53 16	29 1	18 14	33 1	31 8	35 0	35 4	39 1
M26	13 41 10	12 4	15 5	24 2	16 13	19 0	53 5	6 0	53 16	27 1	18 14	33 1	31 8	36 0	35 4	38 1
T 27	14 0 13	12 4	44 6	9 2	11 13	45 0	51 5	24 0	52 16	25 1	18 14	33 1	31 8	37 0	35 4	38 1
W28	14 19 15	40 5	1 6	54 2	5 14	10 0	49 5	42 0	52 16	23 1	18 14	33 1	31 8	39 0	35 4	37 1
T 29	14 37 17	28 5	4 7	40 1	59 14	35 0	47 6	0 0	52 16	21 1	18 14	32 1	31 8	40 0	35 4	37 1
F 30	14n56	18s29	4n53	8n26	1s53	14n59	0s45	6n18	0s51	16s19	1n18	14n32	1n31	8n41	0s35	4s36

Julian Day Number = 2518840.5, Delta T = 148.38 sec
 Ecliptic obliquity = 23°24'47, Nutation = - 0°00'06, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°18'54, Lahiri = 26°25'55

ASTRODIENST EPHEMERIS for the year 2184

geocentric

MAY 2184

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 38 39	11♂23'25	9♂12	28♂21	14♂10	18♂52	19♂17	25♂11	23♂51	20♂43	28♂44	10♂R51	9♂55	23♂30	5♂7	S 1
S 2	14 42 35	12°21'43	21°55	0♂16	15°24	19°38	19♂10	25°12	23°54	20°45	28°44	10♂47	9°51	23°37	5°11	S 2
M 3	14 46 32	13°20'00	4♂55	2°13	16°38	20°24	19° 2	25°13	23°58	20°46	28°45	10°45	9°48	23°43	5°16	M 3
T 4	14 50 28	14°18'15	18°14	4°12	17°53	21°10	18°54	25°13	24° 1	20°48	28°45	10°D45	9°45	23°50	5°20	T 4
W 5	14 54 25	15°16'28	1♂55	6°12	19° 7	21°56	18°47	25°14	24° 4	20°50	28°46	10°45	9°42	23°57	5°24	W 5
T 6	14 58 22	16°14'40	16° 0	8°14	20°21	22°42	18°39	25°15	24° 7	20°51	28°46	10°R45	9°39	24° 3	5°29	T 6
F 7	15 2 18	17°12'50	0♂28	10°18	21°35	23°28	18°32	25°16	24°11	20°52	28°47	10°44	9°36	24°10	5°33	F 7
S 8	15 6 15	18°11'00	15°17	12°23	22°49	24°13	18°24	25°18	24°14	20°54	28°48	10°40	9°32	24°17	5°38	S 8
S 9	15 10 11	19° 9'07	0♂22	14°29	24° 2	24°59	18°16	25°19	24°17	20°55	28°48	10°34	9°29	24°23	5°42	S 9
M10	15 14 8	20° 7'13	15°32	16°36	25°16	25°45	18° 9	25°20	24°20	20°57	28°49	10°25	9°26	24°30	5°46	M10
T 11	15 18 4	21° 5'18	0♂39	18°45	26°30	26°30	18° 1	25°22	24°23	20°58	28°50	10°15	9°23	24°37	5°51	T 11
W12	15 22 1	22° 3'21	15°31	20°55	27°44	27°16	17°53	25°24	24°27	20°59	28°51	10° 5	9°20	24°43	5°55	W12
T 13	15 25 57	23° 1'22	0♂ 1	23° 5	28°58	28° 1	17°46	25°25	24°30	21° 1	28°51	9°55	9°17	24°50	6° 0	T 13
F 14	15 29 54	23°59'21	14° 3	25°15	0♂12	28°47	17°38	25°27	24°33	21° 2	28°52	9°48	9°13	24°57	6° 4	F 14
S 15	15 33 51	24°57'19	27°36	27°26	1°26	29°32	17°30	25°29	24°36	21° 3	28°53	9°43	9°10	25° 3	6° 9	S 15
S 16	15 37 47	25°55'15	10♂40	29°37	2°40	0♂18	17°23	25°31	24°39	21° 4	28°54	9°40	9° 7	25°10	6°13	S 16
M17	15 41 44	26°53'09	23°20	1♂48	3°54	1° 3	17°15	25°33	24°42	21° 6	28°55	9°D39	9° 4	25°17	6°18	M17
T 18	15 45 40	27°51'01	5♂39	3°57	5° 8	1°48	17° 8	25°36	24°45	21° 7	28°56	9°R39	9° 1	25°24	6°23	T 18
W19	15 49 37	28°48'52	17°43	6° 6	6°21	2°34	17° 1	25°38	24°48	21° 8	28°57	9°39	8°57	25°30	6°27	W19
T 20	15 53 33	29°46'40	29°37	8°14	7°35	3°19	16°53	25°40	24°51	21° 9	28°57	9°38	8°54	25°37	6°32	T 20
F 21	15 57 30	0♂44'27	11♂26	10°21	8°49	4° 4	16°46	25°43	24°54	21°10	28°58	9°34	8°51	25°44	6°36	F 21
S 22	16 1 26	1°42'13	23°14	12°25	10° 3	4°49	16°39	25°46	24°57	21°11	28°59	9°28	8°48	25°50	6°41	S 22
S 23	16 5 23	2°39'57	5♂ 6	14°28	11°17	5°34	16°32	25°48	25° 0	21°12	29° 0	9°19	8°45	25°57	6°45	S 23
M24	16 9 19	3°37'39	17° 3	16°29	12°30	6°19	16°25	25°51	25° 3	21°13	29° 1	9° 8	8°42	26° 4	6°50	M24
T 25	16 13 16	4°35'20	29° 7	18°27	13°44	7° 4	16°18	25°54	25° 5	21°14	29° 2	8°55	8°38	26°10	6°55	T 25
W26	16 17 13	5°33'00	11♂20	20°23	14°58	7°49	16°11	25°57	25° 8	21°15	29° 3	8°41	8°35	26°17	6°59	W26
T 27	16 21 9	6°30'39	23°43	22°17	16°11	8°34	16° 4	26° 0	25°11	21°16	29° 4	8°28	8°32	26°24	7° 4	T 27
F 28	16 25 6	7°28'17	6♂15	24° 8	17°25	9°18	15°57	26° 4	25°14	21°17	29° 6	8°17	8°29	26°30	7° 8	F 28
S 29	16 29 2	8°25'53	18°59	25°56	18°39	10° 3	15°51	26° 7	25°16	21°18	29° 7	8° 8	8°26	26°37	7°13	S 29
S 30	16 32 59	9°23'28	1♂53	27°41	19°52	10°48	15°44	26°10	25°19	21°18	29° 8	8° 2	8°23	26°44	7°18	S 30
M31	16 36 55	10♂21'03	15♂ 1	29♂23	21♂ 6	11♂32	15♂38	26♂14	25♂22	21♂19	29♂ 9	7♂58	8♂19	26♂50	7♂22	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	15n14	18s38	4n29	9n13	1s46	15n23	0s43	6n36	0s51	16s17	1n17	14n32	1n31	8n42	0s35	S 1
S 2	15 32	17 51	3 50	10 0	1 39	15 47	0 41	6 54	0 50	16 15	1 17	14 32	1 30	8 44	0 35	S 2
M 3	15 49	16 7	2 59	10 48	1 31	16 10	0 39	7 12	0 50	16 13	1 17	14 31	1 30	8 45	0 35	M 3
T 4	16 7	13 29	1 57	11 36	1 23	16 33	0 37	7 29	0 49	16 11	1 17	14 31	1 30	8 46	0 35	T 4
W 5	16 24	10 3	0 47	12 24	1 15	16 56	0 35	7 47	0 49	16 9	1 17	14 31	1 30	8 47	0 35	W 5
T 6	16 41	5 57	0s28	13 12	1 6	17 18	0 32	8 4	0 48	16 7	1 17	14 30	1 30	8 48	0 35	T 6
F 7	16 57	1 23	1 43	14 0	0 56	17 39	0 30	8 22	0 48	16 5	1 17	14 30	1 30	8 50	0 35	F 7
S 8	17 14	3n21	2 53	14 48	0 47	18 0	0 28	8 39	0 48	16 3	1 17	14 29	1 30	8 51	0 35	S 8
S 9	17 30	7 58	3 52	15 35	0 37	18 21	0 26	8 56	0 47	16 1	1 17	14 29	1 30	8 52	0 35	S 9
M10	17 45	12 5	4 35	16 21	0 27	18 41	0 23	9 13	0 47	15 59	1 17	14 28	1 30	8 53	0 35	M10
T 11	18 1	15 24	4 58	17 7	0 16	19 1	0 21	9 30	0 46	15 57	1 17	14 28	1 30	8 54	0 35	T 11
W12	18 16	17 38	5 1	17 52	0 6	19 20	0 19	9 47	0 46	15 55	1 17	14 27	1 30	8 55	0 35	W12
T 13	18 30	18 41	4 44	18 36	0n 5	19 38	0 16	10 4	0 45	15 53	1 17	14 26	1 30	8 56	0 35	T 13
F 14	18 45	18 31	4 10	19 18	0 15	19 57	0 14	10 20	0 45	15 51	1 17	14 26	1 29	8 58	0 35	F 14
S 15	18 59	17 17	3 24	19 59	0 26	20 14	0 12	10 37	0 44	15 49	1 17	14 25	1 29	8 59	0 35	S 15
S 16	19 13	15 10	2 27	20 38	0 36	20 31	0 9	10 53	0 43	15 47	1 16	14 24	1 29	9 0	0 35	S 16
M17	19 26	12 23	1 26	21 15	0 46	20 48	0 7	11 9	0 43	15 45	1 16	14 23	1 29	9 1	0 35	M17
T 18	19 40	9 6	0 21	21 50	0 56	21 3	0 4	11 25	0 42	15 43	1 16	14 22	1 29	9 2	0 35	T 18
W19	19 52	5 30	0n43	22 23	1 5	21 19	0 2	11 42	0 42	15 41	1 16	14 21	1 29	9 3	0 35	W19
T 20	20 5	1 44	1 44	22 53	1 15	21 33	0n 0	11 57	0 41	15 39	1 16	14 21	1 29	9 4	0 35	T 20
F 21	20 17	2s 4	2 40	23 21	1 23	21 48	0 3	12 13	0 41	15 37	1 16	14 20	1 29	9 5	0 35	F 21
S 22	20 29	5 47	3 29	23 46	1 31	22 1	0 5	12 29	0 40	15 35	1 16	14 19	1 29	9 6	0 35	S 22
S 23	20 40	9 18	4 9	24 8	1 38	22 14	0 8	12 44	0 40	15 33	1 16	14 18	1 29	9 7	0 35	S 23
M24	20 51	12 27	4 38	24 28	1 45	22 26	0 10	13 0	0 39	15 31	1 15	14 17	1 29	9 8	0 35	M24
T 25	21 2	15 8	4 56	24 45	1 51	22 38	0 12	13 15	0 39	15 30	1 15	14 16	1 29	9 9	0 35	T 25
W26	21 12	17 10	5 0	25 0	1 56	22 49	0 15	13 30	0 38	15 28	1 15	14 14	1 28	9 10	0 35	W26
T 27	21 22	18 27	4 50	25 12	2 1	22 59	0 17	13 45	0 37	15 26	1 15	14 13	1 28	9 11	0 35	T 27
F 28	21 32	18 51	4 26	25 21	2 5	23 9	0 20	14 0	0 37	15 24	1 15	14 12	1 28	9 12	0 35	F 28
S 29	21 41	18 18	3 48	25 28	2 7	23 18	0 22	14 14	0 36	15 22	1 15	14 11	1 28	9 13	0 35	S 29
S 30	21 50	16 49	2 58	25 33	2 10	23 26	0 24	14 29	0 36	15 21	1 14	14 10	1 28	9 14	0 35	S 30
M31	21n59	14s26	1n58	25n36	2n11	23n34	0n27	14n43	0s35	15s19	1n14	14n 8	1n28	9n15	0s35	M31

Julian Day Number = 2518870.5, Delta T = 148.45 sec
 Ecliptic obliquity = 23°24'46, Nutation = -0°00'07, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°18'58, Lahiri = 26°25'59

ASTRODIENST EPHEMERIS for the year 2184
geocentric

JUNE 2184

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 40 52	11Ⅱ18'36	28Ⅹ23	19Ⅸ 3	22Ⅱ20	12Ⅷ17	15°R31	26Ⅱ17	25Ⅳ24	21Ⅹ20	29Ⅸ10	7°R57	8Ⅱ16	26Ⅱ57	7Ⅱ27	T 1
W 2	16 44 49	12°16'09	12Ⅹ 2	2°39	23°33	13° 1	15Ⅱ25	26°21	25°27	21°21	29°11	7Ⅱ57	8°13	27° 4	7°31	W 2
T 3	16 48 45	13°13'41	25°58	4°13	24°47	13°46	15°19	26°25	25°30	21°21	29°12	7°57	8°10	27°11	7°36	T 3
F 4	16 52 42	14°11'12	10°Ⅳ13	5°43	26° 1	14°30	15°13	26°29	25°32	21°22	29°14	7°55	8° 7	27°17	7°41	F 4
S 5	16 56 38	15° 8'42	24°44	7°11	27°14	15°15	15° 7	26°33	25°35	21°23	29°15	7°51	8° 3	27°24	7°45	S 5
S 6	17 0 35	16° 6'12	9Ⅹ29	8°35	28°28	15°59	15° 2	26°37	25°37	21°23	29°16	7°44	8° 0	27°31	7°50	S 6
M 7	17 4 31	17° 3'41	24°20	9°57	29°41	16°43	14°56	26°41	25°40	21°24	29°17	7°35	7°57	27°37	7°54	M 7
T 8	17 8 28	18° 1'09	9Ⅱ10	11°15	0Ⅸ55	17°27	14°51	26°45	25°42	21°24	29°19	7°25	7°54	27°44	7°59	T 8
W 9	17 12 24	18°58'37	23°50	12°30	2° 9	18°11	14°45	26°49	25°44	21°25	29°20	7°14	7°51	27°51	8° 4	W 9
T 10	17 16 21	19°56'03	8Ⅸ13	13°42	3°22	18°55	14°40	26°54	25°47	21°25	29°21	7° 3	7°48	27°57	8° 8	T 10
F 11	17 20 18	20°53'29	22°12	14°50	4°36	19°39	14°35	26°58	25°49	21°26	29°23	6°55	7°44	28° 4	8°13	F 11
S 12	17 24 14	21°50'53	5Ⅱ44	15°55	5°49	20°23	14°30	27° 3	25°51	21°26	29°24	6°49	7°41	28°11	8°17	S 12
S 13	17 28 11	22°48'16	18°51	16°57	7° 3	21° 7	14°26	27° 7	25°53	21°26	29°25	6°46	7°38	28°17	8°22	S 13
M14	17 32 7	23°45'39	1Ⅱ32	17°55	8°16	21°51	14°21	27°12	25°56	21°27	29°27	6°D45	7°35	28°24	8°26	M14
T 15	17 36 4	24°43'00	13°54	18°49	9°30	22°35	14°17	27°17	25°58	21°27	29°28	6°45	7°32	28°31	8°31	T 15
W16	17 40 0	25°40'20	26° 0	19°40	10°43	23°19	14°12	27°21	26° 0	21°27	29°29	6°R45	7°28	28°38	8°35	W16
T 17	17 43 57	26°37'40	7Ⅱ55	20°27	11°57	24° 2	14° 8	27°26	26° 2	21°27	29°31	6°45	7°25	28°44	8°40	T 17
F 18	17 47 53	27°34'58	19°46	21°11	13°10	24°46	14° 4	27°31	26° 4	21°28	29°32	6°42	7°22	28°51	8°44	F 18
S 19	17 51 50	28°32'16	1Ⅲ36	21°50	14°23	25°29	14° 1	27°36	26° 6	21°28	29°34	6°38	7°19	28°58	8°49	S 19
S 20	17 55 47	29°29'33	13°31	22°25	15°37	26°13	13°57	27°41	26° 8	21°28	29°35	6°31	7°16	29° 4	8°53	S 20
M21	17 59 43	0Ⅸ26'49	25°33	22°56	16°50	26°56	13°54	27°47	26°10	21°28	29°37	6°21	7°13	29°11	8°57	M21
T 22	18 3 40	1°24'05	7Ⅹ46	23°23	18° 4	27°39	13°50	27°52	26°12	21°28	29°38	6°11	7° 9	29°18	9° 2	T 22
W23	18 7 36	2°21'20	20°11	23°45	19°17	28°23	13°47	27°57	26°14	21°R28	29°40	5°59	7° 6	29°24	9° 6	W23
T 24	18 11 33	3°18'34	2Ⅹ49	24° 3	20°30	29° 6	13°44	28° 3	26°15	21°28	29°41	5°49	7° 3	29°31	9°10	T 24
F 25	18 15 29	4°15'48	15°39	24°16	21°44	29°49	13°41	28° 8	26°17	21°28	29°43	5°39	7° 0	29°38	9°15	F 25
S 26	18 19 26	5°13'02	28°41	24°25	22°57	0Ⅱ32	13°39	28°14	26°19	21°28	29°44	5°32	6°57	29°44	9°19	S 26
S 27	18 23 22	6°10'15	11Ⅹ55	24°R29	24°10	1°15	13°36	28°19	26°20	21°28	29°46	5°27	6°54	29°51	9°23	S 27
M28	18 27 19	7° 7'29	25°20	24°29	25°24	1°58	13°34	28°25	26°22	21°28	29°47	5°25	6°50	29°58	9°27	M28
T 29	18 31 16	8° 4'42	8Ⅹ56	24°24	26°37	2°41	13°32	28°30	26°24	21°28	29°49	5°D24	6°47	0Ⅲ 5	9°32	T 29
W30	18 35 12	9Ⅸ 1'55	22Ⅹ43	24Ⅸ14	27Ⅸ50	3Ⅱ24	13Ⅲ30	28Ⅱ36	26Ⅳ25	21Ⅹ27	29Ⅸ50	5Ⅱ25	6Ⅱ44	0Ⅲ11	9Ⅱ36	W30

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	22n 7	11s14	0n50	25n36	2n12	23n41	0n29	14n57	0s34	15s17	1n14	14n 7	1n28	9n16	0s35	4s22	1s 1	22n30	2n15	8n35	8n28	6s46	17n45	3s50			
W 2	22 14	7 23	0s22	25 34	2 11	23 47	0 32	15 12	0 34	15 16	1 14	14 6	1 28	9 17	0 35	4 22	1 1	22 30	2 15	8 35	8 29	6 48	17 46	3 50			
T 3	22 22	3 2	1 34	25 31	2 10	23 52	0 34	15 25	0 33	15 14	1 14	14 4	1 28	9 18	0 35	4 21	1 1	22 30	2 15	8 35	8 30	6 49	17 46	3 50			
F 4	22 29	1n34	2 42	25 26	2 8	23 57	0 36	15 39	0 33	15 13	1 13	14 3	1 28	9 19	0 35	4 21	1 1	22 30	2 15	8 36	8 31	6 51	17 47	3 50			
S 5	22 35	6 9	3 41	25 19	2 6	24 1	0 38	15 53	0 32	15 11	1 13	14 2	1 28	9 20	0 35	4 21	1 1	22 29	2 15	8 37	8 32	6 53	17 48	3 50			
S 6	22 41	10 26	4 26	25 10	2 2	24 5	0 41	16 6	0 31	15 10	1 13	14 0	1 28	9 21	0 35	4 21	1 1	22 29	2 15	8 39	8 34	6 55	17 48	3 50			
M 7	22 47	14 6	4 53	25 0	1 58	24 8	0 43	16 19	0 31	15 8	1 13	13 59	1 28	9 22	0 35	4 21	1 1	22 29	2 15	8 43	8 35	6 57	17 49	3 50			
T 8	22 52	16 51	5 1	24 49	1 53	24 10	0 45	16 32	0 30	15 7	1 13	13 57	1 27	9 22	0 35	4 21	1 1	22 29	2 15	8 47	8 36	6 59	17 49	3 50			
W 9	22 57	18 28	4 49	24 36	1 47	24 11	0 47	16 45	0 29	15 6	1 12	13 56	1 27	9 23	0 35	4 20	1 1	22 28	2 15	8 51	8 37	7 0	17 50	3 50			
T 10	23 2	18 52	4 18	24 23	1 41	24 12	0 49	16 58	0 29	15 4	1 12	13 54	1 27	9 24	0 35	4 20	1 1	22 28	2 15	8 55	8 38	7 2	17 51	3 51			
F 11	23 6	18 5	3 33	24 8	1 33	24 12	0 52	17 11	0 28	15 3	1 12	13 53	1 27	9 25	0 35	4 20	1 1	22 28	2 15	8 58	8 39	7 4	17 51	3 51			
S 12	23 10	16 17	2 37	23 53	1 25	24 11	0 54	17 23	0 28	15 2	1 12	13 51	1 27	9 26	0 35	4 20	1 1	22 28	2 15	9 0	8 41	7 6	17 52	3 51			
S 13	23 13	13 41	1 34	23 36	1 17	24 9	0 56	17 35	0 27	15 1	1 12	13 49	1 27	9 27	0 35	4 20	1 1	22 27	2 15	9 1	8 42	7 8	17 52	3 51			
M14	23 16	10 29	0 28	23 19	1 7	24 7	0 58	17 47	0 26	14 59	1 11	13 48	1 27	9 27	0 35	4 20	1 1	22 27	2 15	9 2	8 43	7 10	17 53	3 51			
T 15	23 18	6 55	0n38	23 2	0 57	24 4	1 0	17 59	0 26	14 58	1 11	13 46	1 27	9 28	0 35	4 20	1 2	22 27	2 15	9 1	8 44	7 11	17 53	3 51			
W16	23 21	3 8	1 41	22 44	0 46	24 0	1 2	18 11	0 25	14 57	1 11	13 44	1 27	9 29	0 35	4 20	1 2	22 27	2 15	9 1	8 45	7 13	17 54	3 51			
T 17	23 22	0s43	2 38	22 26	0 35	23 56	1 4	18 22	0 24	14 56	1 11	13 43	1 27	9 30	0 35	4 20	1 2	22 26	2 16	9 2	8 47	7 15	17 54	3 52			
F 18	23 23	4 31	3 28	22 7	0 22	23 51	1 5	18 33	0 24	14 55	1 10	13 41	1 27	9 30	0 35	4 20	1 2	22 26	2 16	9 2	8 48	7 17	17 55	3 52			
S 19	23 24	8 8	4 9	21 48	0 10	23 45	1 7	18 44	0 23	14 55	1 10	13 39	1 27	9 31	0 35	4 20	1 2	22 26	2 16	9 4	8 49	7 19	17 55	3 52			
S 20	23 25	11 26	4 39	21 29	0s 4	23 39	1 9	18 55	0 22	14 54	1 10	13 37	1 27	9 32	0 35	4 20	1 2	22 25	2 16	9 7	8 50	7 21	17 56	3 52			
M21	23 25	14 18	4 58	21 10	0 18	23 31	1 11	19 6	0 22	14 53	1 10	13 35	1 27	9 32	0 36	4 20	1 2	22 25	2 16	9 10	8 51	7 22	17 56	3 52			
T 22	23 24	16 36	5 3	20 52	0 32	23 23	1 12	19 17	0 21	14 52	1 9	13 33	1 27	9 33	0 36	4 20	1 2	22 25	2 16	9 14	8 52	7 24	17 57	3 52			
W23	23 24	18 10	4 54	20 33	0 47	23 15	1 14	19 27	0 20	14 52	1 9	13 32	1 27	9 34	0 36	4 20	1 2	22 25	2 16	9 18	8 54	7 26	17 57	3 53			
T 24	23 22	18 53	4 30	20 15	1 2	23 6	1 16	19 37	0 20	14 51	1 9	13 30	1 27	9 34	0 36	4 20	1 2	22 24	2 16	9 22	8 55	7 28	17 58	3 53			
F 25	23 21	18 38	3 53	19 57	1 18	22 56	1 17	19 47	0 19	14 50	1 9	13 28	1 26	9 35	0 36	4 20	1 2	22 24	2 16	9 26	8 56	7 30	17 58	3 53			
S 26	23 19	17 25	3 3	19 40	1 34	22 45	1 19	19 57	0 18	14 50	1 8	13 26	1 26	9 35	0 36	4 20	1 2	22 24	2 16	9 28	8 57	7 32	17 59	3 53			
S 27	23 16	15 14	2 2	19 24	1 50	22 34	1 20	20 6	0 17	14 49	1 8	13 24	1 26	9 36	0 36	4 20	1 2	22 24	2 16	9 30	8 58	7 33	17 59	3 53			
M28	23 13	12 13	0 54	19 8	2 6	22 22	1 21	20 16	0 17	14 49	1 8	13 22	1 26	9 37	0 36	4 20	1 2	22 23	2 16	9 31	8 59	7 35	18 0	3 54			
T 29	23 10	8 30	0s19	18 53	2 22	22 10	1 23	20 25	0 16	14 49	1 8	13 20	1 26	9 37	0 36	4 20	1 2	22 23	2 16	9 31	9 1	7 37	18 0	3 54			
W30	23n 6	4s17	1s31	18n39	2s38	21n57	1n24	20n34	0s15	14s48	1n 7	13n18	1n26	9n38	0s36	4s20	1s 2	22n23	2n16	9n31	9n 2	7s39	18n 0	3s54			

ASTRODIENST EPHEMERIS for the year 2184
geocentric

JULY 2184

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 39 9	9 ⁵⁵ 08	6 ⁴ 41	24 ⁰ R 1	29 ⁵⁵ 3	4 ¹¹ 7	13 ⁰ R29	28 ⁰ 42	26 ⁰ 27	21 ⁰ R27	29 ⁵⁵ 52	5 ⁰ R26	6 ⁰ 41	0 ⁰ 18	9 ¹¹ 40	T 1
F 2	18 43 5	10 ⁰ 56'21	20 ⁰ 49	23 ⁰ 43	0 ⁰ 17	4 ⁰ 50	13 ⁰ 27	28 ⁰ 48	26 ⁰ 28	21 ⁰ 27	29 ⁵⁵ 53	5 ⁰ 25	6 ⁰ 38	0 ⁰ 25	9 ⁰ 44	F 2
S 3	18 47 2	11 ⁰ 53'34	5 ⁰ 7	23 ⁰ 21	1 ⁰ 30	5 ⁰ 32	13 ⁰ 26	28 ⁰ 54	26 ⁰ 30	21 ⁰ 27	29 ⁵⁵ 55	5 ⁰ 23	6 ⁰ 34	0 ⁰ 31	9 ⁰ 48	S 3
S 4	18 50 58	12 ⁰ 50'48	19 ⁰ 31	22 ⁰ 56	2 ⁰ 43	6 ⁰ 15	13 ⁰ 25	29 ⁰ 0	26 ⁰ 31	21 ⁰ 26	29 ⁵⁵ 56	5 ⁰ 19	6 ⁰ 31	0 ⁰ 38	9 ⁰ 52	S 4
M 5	18 54 55	13 ⁰ 48'02	3 ⁰ 58	22 ⁰ 27	3 ⁰ 56	6 ⁰ 57	13 ⁰ 24	29 ⁰ 6	26 ⁰ 32	21 ⁰ 26	29 ⁵⁵ 58	5 ⁰ 13	6 ⁰ 28	0 ⁰ 45	9 ⁰ 56	M 5
T 6	18 58 51	14 ⁰ 45'16	18 ⁰ 23	21 ⁰ 55	5 ⁰ 10	7 ⁰ 40	13 ⁰ 23	29 ⁰ 12	26 ⁰ 33	21 ⁰ 26	29 ⁵⁵ 59	5 ⁰ 5	6 ⁰ 25	0 ⁰ 51	10 ⁰ 1	T 6
W 7	19 2 48	15 ⁰ 42'30	2 ⁰ 39	21 ⁰ 22	6 ⁰ 23	8 ⁰ 22	13 ⁰ 22	29 ⁰ 18	26 ⁰ 35	21 ⁰ 25	0 ⁰ 1	4 ⁰ 58	6 ⁰ 22	0 ⁰ 58	10 ⁰ 5	W 7
T 8	19 6 45	16 ⁰ 39'44	16 ⁰ 42	20 ⁰ 46	7 ⁰ 36	9 ⁰ 5	13 ⁰ 22	29 ⁰ 25	26 ⁰ 36	21 ⁰ 25	0 ⁰ 3	4 ⁰ 50	6 ⁰ 19	1 ⁰ 5	10 ⁰ 9	T 8
F 9	19 10 41	17 ⁰ 36'58	0 ⁰ 26	20 ⁰ 9	8 ⁰ 49	9 ⁰ 47	13 ⁰ 21	29 ⁰ 31	26 ⁰ 37	21 ⁰ 24	0 ⁰ 4	4 ⁰ 45	6 ⁰ 15	1 ⁰ 12	10 ⁰ 12	F 9
S 10	19 14 38	18 ⁰ 34'12	13 ⁰ 48	19 ⁰ 31	10 ⁰ 2	10 ⁰ 29	13 ⁰ D21	29 ⁰ 37	26 ⁰ 38	21 ⁰ 24	0 ⁰ 6	4 ⁰ 41	6 ⁰ 12	1 ⁰ 18	10 ⁰ 16	S 10
S 11	19 18 34	19 ⁰ 31'26	26 ⁰ 49	18 ⁰ 54	11 ⁰ 15	11 ⁰ 11	13 ⁰ 22	29 ⁰ 44	26 ⁰ 39	21 ⁰ 23	0 ⁰ 8	4 ⁰ 39	6 ⁰ 9	1 ⁰ 25	10 ⁰ 20	S 11
M12	19 22 31	20 ⁰ 28'40	9 ⁰ 29	18 ⁰ 17	12 ⁰ 28	11 ⁰ 53	13 ⁰ 22	29 ⁰ 50	26 ⁰ 40	21 ⁰ 23	0 ⁰ 9	4 ⁰ D38	6 ⁰ 6	1 ⁰ 32	10 ⁰ 24	M12
T 13	19 26 27	21 ⁰ 25'54	21 ⁰ 50	17 ⁰ 41	13 ⁰ 42	12 ⁰ 35	13 ⁰ 22	29 ⁰ 57	26 ⁰ 41	21 ⁰ 22	0 ⁰ 11	4 ⁰ 39	6 ⁰ 3	1 ⁰ 38	10 ⁰ 28	T 13
W14	19 30 24	22 ⁰ 23'07	3 ⁰ 57	17 ⁰ 7	14 ⁰ 55	13 ⁰ 17	13 ⁰ 23	0 ⁰ 3	26 ⁰ 42	21 ⁰ 21	0 ⁰ 13	4 ⁰ 41	6 ⁰ 0	1 ⁰ 45	10 ⁰ 32	W14
T 15	19 34 20	23 ⁰ 20'21	15 ⁰ 54	16 ⁰ 36	16 ⁰ 8	13 ⁰ 59	13 ⁰ 24	0 ⁰ 10	26 ⁰ 43	21 ⁰ 21	0 ⁰ 14	4 ⁰ 42	5 ⁰ 56	1 ⁰ 52	10 ⁰ 35	T 15
F 16	19 38 17	24 ⁰ 17'35	27 ⁰ 47	16 ⁰ 8	17 ⁰ 21	14 ⁰ 41	13 ⁰ 25	0 ⁰ 16	26 ⁰ 44	21 ⁰ 20	0 ⁰ 16	4 ⁰ R42	5 ⁰ 53	1 ⁰ 58	10 ⁰ 39	F 16
S 17	19 42 14	25 ⁰ 14'49	9 ⁰ 39	15 ⁰ 44	18 ⁰ 34	15 ⁰ 23	13 ⁰ 26	0 ⁰ 23	26 ⁰ 44	21 ⁰ 19	0 ⁰ 17	4 ⁰ 41	5 ⁰ 50	2 ⁰ 5	10 ⁰ 43	S 17
S 18	19 46 10	26 ⁰ 12'02	21 ⁰ 36	15 ⁰ 23	19 ⁰ 47	16 ⁰ 4	13 ⁰ 27	0 ⁰ 30	26 ⁰ 45	21 ⁰ 18	0 ⁰ 19	4 ⁰ 38	5 ⁰ 47	2 ⁰ 12	10 ⁰ 46	S 18
M19	19 50 7	27 ⁰ 9'16	3 ⁰ 42	15 ⁰ 7	21 ⁰ 0	16 ⁰ 46	13 ⁰ 29	0 ⁰ 37	26 ⁰ 46	21 ⁰ 18	0 ⁰ 21	4 ⁰ 34	5 ⁰ 44	2 ⁰ 19	10 ⁰ 50	M19
T 20	19 54 3	28 ⁰ 6'30	16 ⁰ 1	14 ⁰ 56	22 ⁰ 13	17 ⁰ 28	13 ⁰ 31	0 ⁰ 43	26 ⁰ 46	21 ⁰ 17	0 ⁰ 22	4 ⁰ 29	5 ⁰ 40	2 ⁰ 25	10 ⁰ 53	T 20
W21	19 58 0	29 ⁰ 3'45	28 ⁰ 35	14 ⁰ 50	23 ⁰ 25	18 ⁰ 9	13 ⁰ 33	0 ⁰ 50	26 ⁰ 47	21 ⁰ 16	0 ⁰ 24	4 ⁰ 23	5 ⁰ 37	2 ⁰ 32	10 ⁰ 57	W21
T 22	20 1 56	0 ⁰ 0'59	11 ⁰ 25	14 ⁰ D49	24 ⁰ 38	18 ⁰ 50	13 ⁰ 35	0 ⁰ 57	26 ⁰ 47	21 ⁰ 15	0 ⁰ 26	4 ⁰ 17	5 ⁰ 34	2 ⁰ 39	11 ⁰ 0	T 22
F 23	20 5 53	0 ⁰ 58'14	24 ⁰ 33	14 ⁰ 54	25 ⁰ 51	19 ⁰ 32	13 ⁰ 37	1 ⁰ 4	26 ⁰ 48	21 ⁰ 14	0 ⁰ 27	4 ⁰ 12	5 ⁰ 31	2 ⁰ 45	11 ⁰ 4	F 23
S 24	20 9 49	1 ⁰ 55'30	7 ⁰ 56	15 ⁰ 5	27 ⁰ 4	20 ⁰ 13	13 ⁰ 39	1 ⁰ 11	26 ⁰ 48	21 ⁰ 13	0 ⁰ 29	4 ⁰ 8	5 ⁰ 28	2 ⁰ 52	11 ⁰ 7	S 24
S 25	20 13 46	2 ⁰ 52'46	21 ⁰ 34	15 ⁰ 21	28 ⁰ 17	20 ⁰ 54	13 ⁰ 42	1 ⁰ 18	26 ⁰ 49	21 ⁰ 12	0 ⁰ 31	4 ⁰ 6	5 ⁰ 25	2 ⁰ 59	11 ⁰ 10	S 25
M26	20 17 43	3 ⁰ 50'03	5 ⁰ 23	15 ⁰ 43	29 ⁰ 30	21 ⁰ 35	13 ⁰ 45	1 ⁰ 25	26 ⁰ 49	21 ⁰ 11	0 ⁰ 32	4 ⁰ D 6	5 ⁰ 21	3 ⁰ 5	11 ⁰ 14	M26
T 27	20 21 39	4 ⁰ 47'20	19 ⁰ 22	16 ⁰ 11	0 ⁰ 43	22 ⁰ 16	13 ⁰ 48	1 ⁰ 32	26 ⁰ 49	21 ⁰ 10	0 ⁰ 34	4 ⁰ 6	5 ⁰ 18	3 ⁰ 12	11 ⁰ 17	T 27
W28	20 25 36	5 ⁰ 44'38	3 ⁰ 28	16 ⁰ 45	1 ⁰ 55	22 ⁰ 57	13 ⁰ 51	1 ⁰ 39	26 ⁰ 49	21 ⁰ 9	0 ⁰ 35	4 ⁰ 8	5 ⁰ 15	3 ⁰ 19	11 ⁰ 20	W28
T 29	20 29 32	6 ⁰ 41'57	17 ⁰ 39	17 ⁰ 25	3 ⁰ 8	23 ⁰ 38	13 ⁰ 54	1 ⁰ 46	26 ⁰ 50	21 ⁰ 8	0 ⁰ 37	4 ⁰ 9	5 ⁰ 12	3 ⁰ 26	11 ⁰ 23	T 29
F 30	20 33 29	7 ⁰ 39'17	18 ⁰ 51	18 ⁰ 10	4 ⁰ 21	24 ⁰ 19	13 ⁰ 57	1 ⁰ 53	26 ⁰ 50	21 ⁰ 7	0 ⁰ 39	4 ⁰ R10	5 ⁰ 9	3 ⁰ 32	11 ⁰ 26	F 30
S 31	20 37 25	8 ⁰ 36'38	16 ⁰ 4	19 ⁰ 1	5 ⁰ 33	25 ⁰ II 0	14 ⁰ 1	2 ⁰ 1	26 ⁰ 50	21 ⁰ 6	0 ⁰ 40	4 ⁰ 10	5 ⁰ 6	3 ⁰ 39	11 ⁰ 29	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23n 2	0n12	2s40	18n25	2s54	21n43	1n25	20n42	0s15	14s48	1n 7	13n16	1n26	9n38	0s36	4s20	1s 2	22n22	2n16	9n31	9n 3	7s41	18n 1	3s54							
F 2	22 58	4 44	3 39	18 13	3 10	21 28	1 26	20 51	0 14	14 48	1 7	13 14	1 26	9 39	0 36	4 20	1 2	22 22	2 16	9 31	9 4	7 42	18 1	3 54							
S 3	22 53	9 3	4 25	18 2	3 24	21 13	1 27	20 59	0 13	14 48	1 7	13 11	1 26	9 39	0 36	4 21	1 2	22 22	2 16	9 32	9 5	7 44	18 2	3 55							
S 4	22 48	12 51	4 55	17 52	3 39	20 58	1 28	21 7	0 12	14 47	1 6	13 9	1 26	9 40	0 36	4 21	1 2	22 22	2 16	9 33	9 7	7 46	18 2	3 55							
M 5	22 42	15 54	5 7	17 44	3 52	20 42	1 29	21 15	0 12	14 47	1 6	13 7	1 26	9 40	0 36	4 21	1 2	22 21	2 16	9 35	9 8	7 48	18 2	3 55							
T 6	22 36	17 57	4 58	17 36	4 4	20 25	1 30	21 23	0 11	14 47	1 6	13 5	1 26	9 41	0 36	4 21	1 2	22 21	2 16	9 38	9 9	7 50	18 3	3 55							
W 7	22 29	18 51	4 32	17 30	4 16	20 8	1 31	21 30	0 10	14 48	1 6	13 3	1 26	9 41	0 36	4 21	1 2	22 21	2 16	9 41	9 10	7 52	18 3	3 56							
T 8	22 22	18 35	3 49	17 26	4 26	19 50	1 32	21 38	0 10	14 48	1 5	13 1	1 26	9 41	0 36	4 22	1 3	22 20	2 16	9 44	9 11	7 53	18 3	3 56							
F 9	22 15	17 12	2 54	17 23	4 34	19 31	1 33	21 45	0 9	14 48	1 5	12 58	1 26	9 42	0 36	4 22	1 3	22 20	2 16	9 46	9 12	7 55	18 4	3 56							
S 10	22 8	14 54	1 50	17 21	4 42	19 12	1 33	21 52	0 8	14 48	1 5	12 56	1 26	9 42	0 36	4 22	1 3	22 20	2 17	9 47	9 14	7 57	18 4	3 56							
S 11	22 0	11 54	0 42	17 20	4 47	18 53	1 34	21 58	0 7	14 48	1 5	12 54	1 26	9 42	0 36	4 22	1 3	22 19	2 17	9 48	9 15	7 59	18 4	3 57							
M12	21 51	8 25	0n26	17 21	4 52	18 33	1 34	22 5	0 7	14 49	1 4	12 51	1 26	9 43	0 36	4 23	1 3	22 19	2 17	9 48	9 16	8 1	18 5	3 57							
T 13	21 42	4 39	1 32	17 23	4 54	18 12	1 35	22 11	0 6	14 49	1 4	12 49	1 26	9 43	0 36	4 23	1 3	22 19	2 17	9 48	9 17	8 2	18 5	3 57							
W14	21 33	0 46	2 32	17 26	4 55	17 51	1 35	22 17	0 5	14 49	1 4	12 47	1 26	9 43	0 36	4 23	1 3	22 19	2 17	9 47	9 18	8 4	18 5	3 57							
T 15	21 24	3s 6	3 25	17 31	4 54	17 30	1 35	22 23	0 4	14 50	1 3	12 44	1 26	9 44	0 36	4 23	1 3	22 18	2 17	9 47	9 19	8 6	18 5	3 58							
F 16	21 14	6 48	4 9	17 37	4 52	17 8	1 35	22 29	0 4	14 51	1 3	12 42	1 26	9 44	0 36	4 24	1 3	22 18	2 17	9 47	9 21	8 8	18 6	3 58							
S 17	21 4	10 14	4 42	17 43	4 48	16 46	1 36	22 34	0 3	14 51	1 3	12 40	1 26	9 44	0 36	4 24	1 3	22 18	2 17	9 47	9 22	8 10	18 6	3 58							
S 18	20 53	13 16	5 3	17 51	4 42	16 23	1 36	22 39	0 2	14 52	1 3	12 37	1 26	9 44	0 36	4 24	1 3	22 17	2 17	9 48	9 23	8 11	18 6	3 58							
M19	20 42	15 47	5 11	18 0	4 36	16 0	1 36	22 44	0 1	14 53	1 2	12 35	1 26	9 45	0 36	4 25	1 3	22 17	2 17	9 50	9 24	8 13	18 6	3 59							
T 20	20 31	17 38	5 4	18 9	4 27	15 36	1 36	22 49	0 0	14 53	1 2	12 33	1 26	9 45	0 36	4 25	1 3	22 17	2 17	9 52	9 25	8 15	18 7	3 59							
W21	20 19	18 41	4 44	18 19	4 18	15 12	1 35	22 53	0n 0	14 54	1 2	12 30	1 26	9 45	0 36	4 25	1 3	22 16	2 17	9 54	9 26	8 17	18 7	3 59							
T 22	20 7	18 48	4 8	18 29	4 8	14 47	1 35	22 58	0 1	14 55	1 2	12 28	1 26	9 45	0 36	4 26	1 3	22 16	2 17	9 56	9 28	8 19	18 7	3 59							
F 23	19 55	17 55	3 19	18 40	3 56	14 23	1 35	23 2	0 2	14 56	1 1	12 25	1 26	9 45	0 36	4 26	1 3	22 16	2 17	9 58	9 29	8 21	18 7	4 0							
S 24	19 43	16 2	2 18	18 51	3 44	13 57	1 35	23 6	0 3	14 57	1 1	12 23	1 26	9 45	0 36	4 27	1 3	22 16	2 17	9 59	9 30	8 22	18 7	4 0							
S 25	19 30	13 14	1 8	19 2	3 31	13 32	1 34	23 9	0 3	14 58	1 1	12 20	1 26	9 46	0 36	4 27	1 3	22 15	2 17	10 0	9 31	8 24	18 7	4 0							
M26	19 16	9 38	0s 7	19 13	3 18	13 6	1 34	23 13	0 4	14 59	1 1	12 18	1 26	9 46	0 36	4 27	1 3	22 15	2 17	10 0	9 32	8 26	18 8	4 1							
T 27	19 3	5 28	1 23	19 24	3 4	12 39	1 33	23 16	0 5	15 0	1 0	12 15	1 26	9 46	0 36	4 28	1 3	22 15	2 18	10 0	9 33	8 28	18 8	4 1							
W28	18 49	0 59	2 34	19 34	2 49	12 13	1 32	23 19	0 6	15 1	1 0	12 13	1 26	9 46	0 36	4 28	1 3	22 14	2 18	9 59	9 35	8 30	18 8	4 1							
T 29	18 35	3n35	3 36	19 44	2 34	11 46	1 31	23 22	0 7	15 2	1 0	12 10	1 26	9 46	0 36	4 29	1 3	22 14	2 18	9 59	9 36	8 31	18 8	4 2							
F 30	18 20	7 57	4 26	19 53	2 19	11 19	1 31	23 25	0 7	15 4	1 0	12 8	1 26	9 46	0 36	4 29	1 3	22 14	2 18	9 58	9 37	8 33	18 8	4 2							
S 31	18n 5	11n51	4s59	20n 1	2s 4	10n51	1n30	23n27	0n 8	15s 5	0n59	12n 5	1n26	9n46	0s36	4s30	1s 3	22n14	2n18	9n58	9n38	8s35	18n 8	4s 2							

ASTRODIENST EPHEMERIS for the year 2184

geocentric

AUGUST 2184

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 41 22	9♌34'01	0♏15	19♍58	6♊46	25♏41	14♏5	2♊8	26°R50	21°R 5	0♌42	4°R 9	5♊2	3♏46	11♏32	S 1
M 2	20 45 18	10°31'24	14°21	21° 0	7°59	26°21	14° 9	2°15	26°Y50	21°X 4	0°44	4♊7	4°59	3°52	11°35	M 2
T 3	20 49 15	11°28'48	28°20	22° 8	9°11	27° 2	14°13	2°22	26°50	21° 3	0°45	4° 4	4°56	3°59	11°38	T 3
W 4	20 53 12	12°26'14	12♌9	23°21	10°24	27°42	14°17	2°30	26°49	21° 2	0°47	4° 1	4°53	4° 6	11°41	W 4
T 5	20 57 8	13°23'40	25°45	24°40	11°37	28°23	14°22	2°37	26°49	21° 0	0°49	3°58	4°50	4°12	11°44	T 5
F 6	21 1 5	14°21'08	9♏6	26° 3	12°49	29° 3	14°26	2°44	26°49	20°59	0°50	3°55	4°46	4°19	11°47	F 6
S 7	21 5 1	15°18'36	22°11	27°31	14° 2	29°44	14°31	2°52	26°49	20°58	0°52	3°54	4°43	4°26	11°49	S 7
S 8	21 8 58	16°16'05	4♊59	29° 4	15°14	0♌24	14°36	2°59	26°48	20°57	0°53	3°D54	4°40	4°33	11°52	S 8
M 9	21 12 54	17°13'35	17°30	0♏41	16°27	1° 4	14°41	3° 7	26°48	20°55	0°55	3°54	4°37	4°39	11°54	M 9
T 10	21 16 51	18°11'06	29°47	2°22	17°39	1°44	14°46	3°14	26°48	20°54	0°57	3°55	4°34	4°46	11°57	T 10
W11	21 20 47	19° 8'38	11♌53	4° 7	18°52	2°24	14°51	3°21	26°47	20°53	0°58	3°57	4°31	4°53	11°59	W11
T 12	21 24 44	20° 6'11	23°50	5°55	20° 4	3° 4	14°57	3°29	26°47	20°51	1° 0	3°58	4°27	4°59	12° 2	T 12
F 13	21 28 41	21° 3'44	5♏42	7°46	21°16	3°44	15° 3	3°36	26°46	20°50	1° 1	3°59	4°24	5° 6	12° 4	F 13
S 14	21 32 37	22° 1'19	17°34	9°40	22°29	4°24	15° 8	3°44	26°46	20°49	1° 3	3°R59	4°21	5°13	12° 7	S 14
S 15	21 36 34	22°58'54	29°32	11°35	23°41	5° 3	15°14	3°51	26°45	20°47	1° 4	3°59	4°18	5°19	12° 9	S 15
M16	21 40 30	23°56'30	11♌38	13°33	24°53	5°43	15°21	3°59	26°44	20°46	1° 6	3°59	4°15	5°26	12°11	M16
T 17	21 44 27	24°54'08	23°58	15°33	26° 6	6°22	15°27	4° 7	26°43	20°44	1° 7	3°58	4°12	5°33	12°13	T 17
W18	21 48 23	25°51'46	6♌36	17°33	27°18	7° 2	15°33	4°14	26°43	20°43	1° 9	3°57	4° 8	5°40	12°15	W18
T 19	21 52 20	26°49'25	19°33	19°34	28°30	7°41	15°40	4°22	26°42	20°41	1°10	3°56	4° 5	5°46	12°17	T 19
F 20	21 56 16	27°47'06	2♌52	21°36	29°42	8°20	15°46	4°29	26°41	20°40	1°12	3°55	4° 2	5°53	12°19	F 20
S 21	22 0 13	28°44'47	16°32	23°37	0♌54	9° 0	15°53	4°37	26°40	20°39	1°13	3°55	3°59	6° 0	12°21	S 21
S 22	22 4 10	29°42'30	0♏31	25°39	2° 6	9°39	16° 0	4°44	26°39	20°37	1°15	3°D55	3°56	6° 6	12°23	S 22
M23	22 8 6	0♏40'14	14°46	27°40	3°18	10°18	16° 7	4°52	26°38	20°35	1°16	3°55	3°52	6°13	12°25	M23
T 24	22 12 3	1°37'59	29°12	29°41	4°30	10°57	16°14	5° 0	26°37	20°34	1°18	3°55	3°49	6°20	12°26	T 24
W25	22 15 59	2°35'46	13°Y45	1♊41	5°42	11°36	16°22	5° 7	26°36	20°32	1°19	3°55	3°46	6°27	12°28	W25
T 26	22 19 56	3°33'35	28°17	3°40	6°54	12°15	16°29	5°15	26°35	20°31	1°21	3°R55	3°43	6°33	12°30	T 26
F 27	22 23 52	4°31'25	12♌45	5°38	8° 6	12°53	16°37	5°22	26°33	20°29	1°22	3°55	3°40	6°40	12°31	F 27
S 28	22 27 49	5°29'18	27° 4	7°35	9°18	13°32	16°45	5°30	26°32	20°28	1°24	3°55	3°37	6°47	12°32	S 28
S 29	22 31 45	6°27'12	11♏11	9°31	10°29	14°11	16°52	5°38	26°31	20°26	1°25	3°D55	3°33	6°53	12°34	S 29
M30	22 35 42	7°25'08	25° 5	11°26	11°41	14°49	17° 0	5°45	26°30	20°25	1°26	3°55	3°30	7° 0	12°35	M30
T 31	22 39 39	8♊23'06	8♌44	13♊20	12♌53	15♌28	17♏9	5♊53	26°Y28	20°X23	1♌28	3♊55	3♊27	7♏7	12♏36	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	17n50	15n 4	5s13	20n 8	1s49	10n23	1n29	23n29	0n 9	15s 6	0n59	12n 2	1n26	9n46	0s36	4s30
M 2	17 35	17 23	5 9	20 14	1 33	9 55	1 28	23 31	0 10	15 8	0 59	12 0	1 26	9 46	0 37	4 31
T 3	17 19	18 38	4 47	20 19	1 18	9 27	1 27	23 33	0 10	15 9	0 59	11 57	1 26	9 46	0 37	4 31
W 4	17 3	18 45	4 8	20 21	1 3	8 59	1 25	23 35	0 11	15 11	0 58	11 55	1 26	9 46	0 37	4 32
T 5	16 47	17 47	3 15	20 22	0 34	8 30	1 24	23 36	0 12	15 12	0 58	11 52	1 26	9 46	0 37	4 32
F 6	16 30	15 50	2 13	20 21	0 34	8 1	1 23	23 37	0 13	15 14	0 58	11 49	1 26	9 45	0 37	4 33
S 7	16 14	13 5	1 4	20 18	0 20	7 32	1 21	23 38	0 14	15 15	0 58	11 47	1 26	9 45	0 37	4 33
S 8	15 57	9 46	0n 6	20 13	0 7	7 2	1 20	23 39	0 15	15 17	0 57	11 44	1 26	9 45	0 37	4 34
M 9	15 39	6 5	1 15	20 5	0n 6	6 33	1 18	23 40	0 15	15 19	0 57	11 41	1 26	9 45	0 37	4 34
T 10	15 22	2 12	2 18	19 55	0 19	6 3	1 17	23 40	0 16	15 21	0 57	11 39	1 26	9 45	0 37	4 35
W11	15 4	1s42	3 15	19 42	0 30	5 33	1 15	23 40	0 17	15 22	0 57	11 36	1 26	9 45	0 37	4 35
T 12	14 46	5 29	4 2	19 26	0 41	5 3	1 13	23 40	0 18	15 24	0 56	11 33	1 26	9 44	0 37	4 36
F 13	14 28	9 1	4 39	19 8	0 51	4 33	1 11	23 40	0 19	15 26	0 56	11 31	1 26	9 44	0 37	4 36
S 14	14 9	12 11	5 4	18 47	1 0	4 3	1 9	23 40	0 19	15 28	0 56	11 28	1 26	9 44	0 37	4 37
S 15	13 50	14 53	5 16	18 23	1 9	3 32	1 7	23 39	0 20	15 30	0 56	11 25	1 26	9 44	0 37	4 38
M16	13 32	16 58	5 14	17 57	1 16	3 2	1 5	23 39	0 21	15 32	0 56	11 23	1 26	9 43	0 37	4 38
T 17	13 12	18 19	4 58	17 29	1 23	2 31	1 3	23 38	0 22	15 34	0 55	11 20	1 26	9 43	0 37	4 39
W18	12 53	18 48	4 27	16 58	1 29	2 0	1 1	23 36	0 23	15 36	0 55	11 17	1 26	9 43	0 37	4 39
T 19	12 34	18 20	3 42	16 25	1 34	1 30	0 59	23 35	0 24	15 38	0 55	11 14	1 26	9 43	0 37	4 40
F 20	12 14	16 50	2 44	15 50	1 38	0 59	0 56	23 34	0 25	15 40	0 55	11 12	1 26	9 42	0 37	4 41
S 21	11 54	14 21	1 35	15 13	1 41	0 28	0 54	23 32	0 25	15 42	0 54	11 9	1 26	9 42	0 37	4 41
S 22	11 34	10 59	0 19	14 35	1 43	0s 3	0 51	23 30	0 26	15 45	0 54	11 6	1 26	9 42	0 37	4 42
M23	11 13	6 55	1s 0	13 55	1 45	0 34	0 49	23 28	0 27	15 47	0 54	11 4	1 27	9 41	0 37	4 42
T 24	10 53	2 24	2 16	13 13	1 46	1 5	0 46	23 26	0 28	15 49	0 54	11 1	1 27	9 41	0 37	4 43
W25	10 32	2n17	3 24	12 31	1 46	1 36	0 44	23 23	0 29	15 51	0 54	10 58	1 27	9 40	0 37	4 44
T 26	10 11	6 50	4 18	11 47	1 45	2 6	0 41	23 20	0 30	15 54	0 53	10 55	1 27	9 40	0 37	4 44
F 27	9 50	10 57	4 56	11 3	1 44	2 37	0 38	23 18	0 30	15 56	0 53	10 53	1 27	9 39	0 37	4 45
S 28	9 29	14 22	5 15	10 18	1 42	3 8	0 35	23 15	0 31	15 59	0 53	10 50	1 27	9 39	0 37	4 46
S 29	9 8	16 54	5 15	9 32	1 40	3 39	0 33	23 12	0 32	16 1	0 53	10 47	1 27	9 38	0 37	4 46
M30	8 47	18 24	4 56	8 46	1 37	4 10	0 30	23 8	0 33	16 3	0 53	10 44	1 27	9 38	0 37	4 47
T 31	8n25	18n47	4s21	7n59	1n34	4s40	0n27	23n 5	0n34	16s 6	0n52	10n42	1n27	9n37	0s37	4s47

Julian Day Number = 2518962.5, Delta T = 148.68 sec
 Ecliptic obliquity = 23°24'46, Nutation = - 0°00'06, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 17°19'11, Lahiri = 26°26'11

ASTRODIENST EPHEMERIS for the year 2184
geocentric

SEPTEMBER 2184

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 43 35	9♍12'05	22♊10	15♍12	14♌5	16♊6	17♍17	6♍1	26°R27	20°R21	1♌29	3♍56	3♍24	7♍14	12♊38	W 1
T 2	22 47 32	10°19'07	5♌21	17°4	15°16	16°44	17°25	6°8	26°Y25	20°K20	1°30	3°56	3°21	7°20	12°39	T 2
F 3	22 51 28	11°17'10	18°18	18°54	16°28	17°22	17°34	6°16	26°24	20°18	1°32	3°57	3°17	7°27	12°40	F 3
S 4	22 55 25	12°15'14	1♍2	20°42	17°40	18°0	17°42	6°23	26°22	20°16	1°33	3°R57	3°14	7°34	12°41	S 4
S 5	22 59 21	13°13'21	13°33	22°30	18°51	18°38	17°51	6°31	26°21	20°15	1°34	3°57	3°11	7°40	12°42	S 5
M 6	23 3 18	14°11'29	25°53	24°16	20°3	19°16	18°0	6°39	26°19	20°13	1°36	3°56	3°8	7°47	12°43	M 6
T 7	23 7 14	15°9'39	8♌2	26°1	21°14	19°54	18°9	6°46	26°18	20°11	1°37	3°55	3°5	7°54	12°43	T 7
W 8	23 11 11	16°7'50	20°3	27°45	22°25	20°32	18°18	6°54	26°16	20°10	1°38	3°54	3°2	8°0	12°44	W 8
T 9	23 15 7	17°6'03	1♍57	29°27	23°37	21°10	18°27	7°1	26°14	20°8	1°39	3°52	2°58	8°7	12°45	T 9
F 10	23 19 4	18°4'17	1♌9	24°48	21°47	18°36	17°9	7°9	26°12	20°7	1°41	3°50	2°55	8°14	12°45	F 10
S 11	23 23 1	19°2'34	25°40	2°49	25°59	22°25	18°46	7°16	26°11	20°5	1°42	3°48	2°52	8°21	12°46	S 11
S 12	23 26 57	20°0'51	7♌36	4°28	27°11	23°2	18°55	7°24	26°9	20°3	1°43	3°47	2°49	8°27	12°46	S 12
M13	23 30 54	20°59'10	19°40	6°6	28°22	23°39	19°5	7°31	26°7	20°2	1°44	3°D46	2°46	8°34	12°47	M13
T 14	23 34 50	21°57'31	1♌57	7°43	29°33	24°16	19°14	7°39	26°5	20°0	1°45	3°47	2°43	8°41	12°47	T 14
W15	23 38 47	22°55'53	14°32	9°19	0♍44	24°53	19°24	7°46	26°3	19°58	1°46	3°48	2°39	8°47	12°47	W15
T 16	23 42 43	23°54'17	27°28	10°53	1°55	25°30	19°34	7°54	26°1	19°57	1°48	3°49	2°36	8°54	12°47	T 16
F 17	23 46 40	24°52'43	10♌49	12°27	3°6	26°7	19°44	8°1	25°59	19°55	1°49	3°50	2°33	9°1	12°48	F 17
S 18	23 50 36	25°51'10	24°35	13°59	4°17	26°44	19°54	8°8	25°57	19°53	1°50	3°51	2°30	9°8	12°R48	S 18
S 19	23 54 33	26°49'39	8♌47	15°31	5°28	27°21	20°4	8°16	25°55	19°52	1°51	3°R52	2°27	9°14	12°48	S 19
M20	23 58 30	27°48'09	23°20	17°1	6°38	27°57	20°14	8°23	25°53	19°50	1°52	3°51	2°23	9°21	12°47	M20
T 21	0 2 26	28°46'41	8♍10	18°30	7°49	28°34	20°25	8°30	25°51	19°48	1°53	3°48	2°20	9°28	12°47	T 21
W22	0 6 23	29°45'16	23°9	19°58	9°0	29°10	20°35	8°38	25°49	19°47	1°54	3°45	2°17	9°34	12°47	W22
T 23	0 10 19	0♌43'52	8♌7	21°25	10°10	29°46	20°46	8°45	25°47	19°45	1°55	3°42	2°14	9°41	12°47	T 23
F 24	0 14 16	1°42'31	22°57	22°51	11°21	0♌23	20°56	8°52	25°45	19°44	1°56	3°38	2°11	9°48	12°46	F 24
S 25	0 18 12	2°41'12	7♊31	24°16	12°31	0°59	21°7	8°59	25°43	19°42	1°57	3°35	2°8	9°55	12°46	S 25
S 26	0 22 9	3°39'55	21°45	25°39	13°42	1°35	21°18	9°7	25°41	19°40	1°58	3°33	2°4	10°1	12°45	S 26
M27	0 26 5	4°38'40	5♌38	27°2	14°52	2°11	21°29	9°14	25°38	19°39	1°58	3°D33	2°1	10°8	12°45	M27
T 28	0 30 2	5°37'28	19°9	28°23	16°2	2°46	21°40	9°21	25°36	19°37	1°59	3°33	1°58	10°15	12°44	T 28
W29	0 33 59	6°36'18	2♌20	29°43	17°13	3°22	21°51	9°28	25°34	19°36	2°0	3°35	1°55	10°21	12°43	W29
T 30	0 37 55	7♌35'10	15♌13	1♍2	18♌23	3♌58	22♌2	9♍35	25°Y32	19°K34	2♌1	3♍36	1♍52	10♌28	12♊43	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	8n 3	18n 7	3s32	7n12	1n30	5s11	0n24	23n 1	0n35	16s 8	0n52	10n39	1n27	9n37	0s37	4s48	1s 4	22n 6	2n21	10n 3	10n15	9s32	18n 6	4s13					
T 2	7 41	16 27	2 32	6 25	1 26	5 41	0 21	22 57	0 36	16 11	0 52	10 36	1 27	9 36	0 37	4 49	1 4	22 5	2 21	10 3	10 16	9 34	18 6	4 14					
F 3	7 19	13 58	1 26	5 38	1 21	6 12	0 18	22 53	0 37	16 14	0 52	10 33	1 27	9 36	0 37	4 49	1 4	22 5	2 21	10 3	10 17	9 36	18 5	4 14					
S 4	6 57	10 51	0 16	4 51	1 16	6 42	0 14	22 49	0 37	16 16	0 51	10 31	1 27	9 35	0 37	4 50	1 4	22 5	2 21	10 3	10 18	9 38	18 5	4 15					
S 5	6 35	7 17	0n53	4 4	1 11	7 12	0 11	22 45	0 38	16 19	0 51	10 28	1 27	9 35	0 37	4 51	1 4	22 5	2 21	10 3	10 20	9 39	18 5	4 15					
M 6	6 13	3 27	1 58	3 16	1 5	7 42	0 8	22 41	0 39	16 21	0 51	10 25	1 28	9 34	0 37	4 51	1 4	22 5	2 21	10 3	10 21	9 41	18 4	4 15					
T 7	5 50	0s28	2 58	2 29	0 59	8 12	0 5	22 36	0 40	16 24	0 51	10 22	1 28	9 34	0 37	4 52	1 4	22 4	2 21	10 4	10 22	9 43	18 4	4 16					
W 8	5 28	4 18	3 48	1 43	0 53	8 42	0 1	22 31	0 41	16 27	0 51	10 20	1 28	9 33	0 37	4 53	1 4	22 4	2 21	10 4	10 23	9 45	18 4	4 16					
T 9	5 5	7 56	4 28	0 56	0 47	9 11	0s 2	22 26	0 42	16 29	0 51	10 17	1 28	9 32	0 37	4 53	1 4	22 4	2 21	10 5	10 24	9 46	18 4	4 17					
F 10	4 43	11 14	4 57	0 10	0 40	9 41	0 5	22 21	0 43	16 32	0 50	10 14	1 28	9 32	0 37	4 54	1 4	22 4	2 22	10 6	10 25	9 48	18 3	4 17					
S 11	4 20	14 5	5 13	0s36	0 34	10 10	0 9	22 16	0 44	16 35	0 50	10 12	1 28	9 31	0 37	4 55	1 4	22 4	2 22	10 6	10 26	9 50	18 3	4 17					
S 12	3 57	16 22	5 15	1 22	0 27	10 39	0 12	22 11	0 45	16 38	0 50	10 9	1 28	9 30	0 37	4 55	1 4	22 4	2 22	10 7	10 28	9 52	18 3	4 18					
M13	3 34	17 58	5 4	2 7	0 20	11 8	0 16	22 6	0 46	16 40	0 50	10 6	1 28	9 30	0 37	4 56	1 4	22 3	2 22	10 7	10 29	9 53	18 2	4 18					
T 14	3 11	18 45	4 39	2 52	0 12	11 36	0 19	22 0	0 46	16 43	0 50	10 3	1 28	9 29	0 37	4 57	1 4	22 3	2 22	10 7	10 30	9 55	18 2	4 18					
W15	2 48	18 39	3 59	3 36	0 5	12 4	0 23	21 54	0 47	16 46	0 49	10 1	1 28	9 28	0 37	4 57	1 4	22 3	2 22	10 6	10 31	9 57	18 2	4 19					
T 16	2 25	17 35	3 7	4 20	0s 2	12 32	0 26	21 48	0 48	16 49	0 49	9 58	1 28	9 28	0 37	4 58	1 4	22 3	2 22	10 6	10 32	9 59	18 1	4 19					
F 17	2 2	15 31	2 4	5 4	0 10	13 0	0 30	21 43	0 49	16 52	0 49	9 55	1 29	9 27	0 37	4 59	1 4	22 3	2 22	10 5	10 33	10 1	18 1	4 20					
S 18	1 39	12 31	0 51	5 47	0 17	13 28	0 34	21 36	0 50	16 55	0 49	9 53	1 29	9 26	0 37	4 59	1 4	22 3	2 22	10 5	10 34	10 2	18 0	4 20					
S 19	1 16	8 41	0s27	6 29	0 25	13 55	0 37	21 30	0 51	16 57	0 49	9 50	1 29	9 25	0 37	5 0	1 4	22 3	2 23	10 5	10 36	10 4	18 0	4 20					
M20	0 52	4 15	1 45	7 11	0 33	14 22	0 41	21 24	0 52	17 0	0 49	9 47	1 29	9 25	0 37	5 1	1 4	22 2	2 23	10 5	10 37	10 6	18 0	4 21					
T 21	0 29	0n31	2 57	7 52	0 40	14 48	0 45	21 17	0 53	17 3	0 48	9 45	1 29	9 24	0 37	5 1	1 4	22 2	2 23	10 6	10 38	10 8	17 59	4 21					
W22	0 6	5 18	3 58	8 33	0 48	15 14	0 48	21 11	0 54	17 6	0 48	9 42	1 29	9 23	0 37	5 2	1 4	22 2	2 23	10 7	10 39	10 9	17 59	4 22					
T 23	0s17	9 44	4 43	9 12	0 56	15 40	0 52	21 4	0 55	17 9	0 48	9 40	1 29	9 22	0 37	5 2	1 4	22 2	2 23	10 9	10 40	10 11	17 58	4 22					
F 24	0 41	13 31	5 8	9 52	1 4	16 6	0 56	20 57	0 56	17 12	0 48	9 37	1 29	9 21	0 37	5 3	1 4	22 2	2 23	10 10	10 41	10 13	17 58	4 22					
S 25	1 4	16 24	5 12	10 30	1 11	16 31	0 59	20 50	0 57	17 15	0 48	9 34	1 29	9 21	0 37	5 4	1 4	22 2	2 23	10 11	10 42	10 15	17 58	4 23					
S 26	1 27	18 12	4 58	11 8	1 19	16 56	1 3	20 43	0 58	17 18	0 48	9 32	1 30	9 20	0 37	5 4	1 4	22 2	2 23	10 12	10 44	10 16	17 57	4 23					
M27	1 51	18 52	4 26	11 45	1 26	17 20	1 7	20 36	0 59	17 21	0 47	9 29	1 30	9 19	0 37	5 5	1 4	22 2	2 24	10 12	10 45	10 18	17 57	4 24					
T 28	2 14	18 26	3 39	12 21	1 34	17 44	1 10	20 29	1 0	17 24	0 47	9 27	1 30	9 18	0 37	5 6	1 4	22 2	2 24	10 12	10 46	10 20	17 56	4 24					
W29	2 37	16 59	2 43	12 57	1 41	18 8	1 14	20 22	1 1	17 27	0 47	9 24	1 30	9 17	0 37	5 6	1 4	22 2	2 24	10 11	10 47	10 22	17 56	4 24					
T 30	3s 0	14n41	1s39	13s31	1s49	18s31	1s18	20n14	1n 2	17s30	0n47	9n22	1n30	9n17	0s38	5s 7	1s 4	22n 2	2n24	10n10	10n48	10s23	17n55	4s25					

ASTRODIENST EPHEMERIS for the year 2184
geocentric

OCTOBER 2184

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	0 41 52	8♂34°04	27♂51	2♂19	19♂33	4♂33	22♂13	9♂42	25°R29	19°R33	2♂ 2	3°R37	1♂49	10♂35	12°R42	F 1
S 2	0 45 48	9°33'01	10♂16	3°35	20°43	5° 9	22°24	9°49	25°Y27	19°X31	2° 3	3°37	1°45	10°42	12°II41	S 2
S 3	0 49 45	10°31'59	22°32	4°50	21°53	5°44	22°35	9°56	25°25	19°29	2° 3	3°36	1°42	10°48	12°40	S 3
M 4	0 53 41	11°31'00	4♂39	6° 3	23° 3	6°19	22°47	10° 3	25°22	19°28	2° 4	3°32	1°39	10°55	12°39	M 4
T 5	0 57 38	12°30'03	16°40	7°14	24°12	6°54	22°58	10°10	25°20	19°26	2° 5	3°27	1°36	11° 2	12°38	T 5
W 6	1 1 34	13°29'08	28°35	8°24	25°22	7°29	23°10	10°17	25°18	19°25	2° 5	3°20	1°33	11° 8	12°37	W 6
T 7	1 5 31	14°28'14	10♂28	9°31	26°32	8° 3	23°22	10°23	25°15	19°23	2° 6	3°12	1°29	11°15	12°35	T 7
F 8	1 9 27	15°27'23	22°18	10°37	27°41	8°38	23°33	10°30	25°13	19°22	2° 7	3° 4	1°26	11°22	12°34	F 8
S 9	1 13 24	16°26'34	4♂17	11°40	28°51	9°13	23°45	10°37	25°10	19°21	2° 7	2°56	1°23	11°29	12°33	S 9
S 10	1 17 21	17°25'46	16° 5	12°41	0♂ 0	9°47	23°57	10°43	25° 8	19°19	2° 8	2°50	1°20	11°35	12°31	S 10
M 11	1 21 17	18°25'00	28° 8	13°40	1°10	10°21	24° 9	10°50	25° 5	19°18	2° 9	2°46	1°17	11°42	12°30	M 11
T 12	1 25 14	19°24'17	10♂21	14°35	2°19	10°55	24°21	10°56	25° 3	19°16	2° 9	2°44	1°14	11°49	12°28	T 12
W 13	1 29 10	20°23'34	22°51	15°28	3°28	11°29	24°33	11° 3	25° 1	19°15	2°10	2°D43	1°10	11°55	12°26	W 13
T 14	1 33 7	21°22'54	5♂40	16°17	4°37	12° 3	24°45	11° 9	24°58	19°14	2°10	2°44	1° 7	12° 2	12°25	T 14
F 15	1 37 3	22°22'15	18°54	17° 2	5°46	12°37	24°57	11°16	24°56	19°12	2°11	2°45	1° 4	12° 9	12°23	F 15
S 16	1 41 0	23°21'38	2♂36	17°43	6°55	13°10	25° 9	11°22	24°53	19°11	2°11	2°R46	1° 1	12°16	12°21	S 16
S 17	1 44 56	24°21'03	16°46	18°20	8° 4	13°44	25°21	11°28	24°51	19°10	2°11	2°45	0°58	12°22	12°19	S 17
M 18	1 48 53	25°20'30	1°Y24	18°52	9°12	14°17	25°34	11°35	24°48	19° 9	2°12	2°42	0°54	12°29	12°17	M 18
T 19	1 52 50	26°19'58	16°24	19°18	10°21	14°50	25°46	11°41	24°46	19° 7	2°12	2°37	0°51	12°36	12°15	T 19
W 20	1 56 46	27°19'29	1♂38	19°39	11°29	15°23	25°58	11°47	24°44	19° 6	2°12	2°29	0°48	12°42	12°13	W 20
T 21	2 0 43	28°19'01	16°56	19°53	12°37	15°56	26°11	11°53	24°41	19° 5	2°13	2°21	0°45	12°49	12°11	T 21
F 22	2 4 39	29°18'36	2♂ 6	20°R 0	13°45	16°29	26°23	11°59	24°39	19° 4	2°13	2°12	0°42	12°56	12° 9	F 22
S 23	2 8 36	0♂18'13	16°59	19°59	14°53	17° 1	26°36	12° 5	24°36	19° 3	2°13	2° 5	0°39	13° 3	12° 7	S 23
S 24	2 12 32	1°17'52	1♂28	19°51	16° 1	17°34	26°48	12°11	24°34	19° 1	2°14	1°59	0°35	13° 9	12° 4	S 24
M 25	2 16 29	2°17'34	15°29	19°34	17° 9	18° 6	27° 1	12°17	24°31	19° 0	2°14	1°56	0°32	13°16	12° 2	M 25
T 26	2 20 25	3°17'18	29° 2	19° 8	18°17	18°38	27°14	12°22	24°29	18°59	2°14	1°D54	0°29	13°23	12° 0	T 26
W 27	2 24 22	4°17'04	12♂10	18°33	19°24	19°10	27°26	12°28	24°27	18°58	2°14	1°54	0°26	13°29	11°57	W 27
T 28	2 28 19	5°16'52	24°55	17°50	20°31	19°42	27°39	12°34	24°24	18°57	2°14	1°55	0°23	13°36	11°55	T 28
F 29	2 32 15	6°16'42	7♂23	16°57	21°39	20°14	27°52	12°39	24°22	18°56	2°14	1°R55	0°20	13°43	11°52	F 29
S 30	2 36 12	7°16'35	19°37	15°57	22°46	20°45	28° 5	12°45	24°19	18°55	2°15	1°53	0°16	13°50	11°50	S 30
S 31	2 40 8	8♂16'29	1♂41	14♂50	23♂52	21♂16	28♂18	12♂50	24°Y17	18°X54	2♂15	1♂49	0♂13	13♂56	11°II47	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	3s24	11n43	0s32	14s 5	1s56	18s54	1s21	20n 7	1n 3	17s33	0n47	9n19	1n30	9n16	0s38	5s 7
S 2	3 47	8 16	0n36	14 38	2 3	19 17	1 25	19 59	1 4	17 36	0 47	9 17	1 30	9 15	0 38	5 8
S 3	4 10	4 31	1 41	15 9	2 10	19 38	1 28	19 52	1 5	17 39	0 46	9 14	1 31	9 14	0 38	5 9
M 4	4 33	0 37	2 41	15 40	2 17	20 0	1 32	19 44	1 6	17 42	0 46	9 12	1 31	9 13	0 38	5 9
T 5	4 56	3s16	3 32	16 10	2 23	20 21	1 36	19 36	1 7	17 45	0 46	9 9	1 31	9 12	0 38	5 10
W 6	5 19	7 0	4 14	16 39	2 29	20 41	1 39	19 28	1 8	17 48	0 46	9 7	1 31	9 12	0 38	5 10
T 7	5 42	10 26	4 45	17 6	2 36	21 1	1 43	19 20	1 9	17 51	0 46	9 4	1 31	9 11	0 38	5 11
F 8	6 5	13 26	5 3	17 33	2 41	21 21	1 46	19 12	1 10	17 54	0 46	9 2	1 31	9 10	0 38	5 11
S 9	6 27	15 54	5 8	17 58	2 47	21 40	1 50	19 4	1 11	17 57	0 46	8 59	1 31	9 9	0 38	5 12
S 10	6 50	17 43	5 0	18 22	2 52	21 58	1 53	18 56	1 12	18 0	0 46	8 57	1 32	9 8	0 38	5 13
M 11	7 13	18 45	4 39	18 44	2 57	22 16	1 57	18 48	1 13	18 3	0 45	8 55	1 32	9 7	0 38	5 13
T 12	7 35	18 57	4 5	19 5	3 1	22 34	2 0	18 39	1 14	18 6	0 45	8 52	1 32	9 6	0 38	5 14
W 13	7 58	18 13	3 18	19 24	3 5	22 51	2 3	18 31	1 15	18 9	0 45	8 50	1 32	9 5	0 38	5 14
T 14	8 20	16 33	2 21	19 42	3 9	23 7	2 7	18 22	1 16	18 12	0 45	8 48	1 32	9 4	0 38	5 15
F 15	8 42	13 58	1 14	19 58	3 11	23 22	2 10	18 14	1 17	18 15	0 45	8 45	1 32	9 4	0 37	5 15
S 16	9 4	10 31	0 1	20 12	3 14	23 38	2 13	18 5	1 18	18 19	0 45	8 43	1 33	9 3	0 37	5 16
S 17	9 26	6 22	1s15	20 23	3 15	23 52	2 16	17 57	1 19	18 22	0 45	8 41	1 33	9 2	0 37	5 16
M 18	9 48	1 42	2 27	20 33	3 16	24 6	2 19	17 48	1 20	18 25	0 44	8 39	1 33	9 1	0 37	5 17
T 19	10 9	3n11	3 32	20 40	3 16	24 19	2 22	17 40	1 21	18 28	0 44	8 37	1 33	9 0	0 37	5 17
W 20	10 31	7 55	4 22	20 45	3 15	24 32	2 25	17 31	1 22	18 31	0 44	8 34	1 33	8 59	0 37	5 18
T 21	10 52	12 10	4 54	20 46	3 12	24 44	2 28	17 22	1 23	18 34	0 44	8 32	1 33	8 58	0 37	5 18
F 22	11 13	15 34	5 5	20 45	3 9	24 56	2 31	17 13	1 24	18 37	0 44	8 30	1 34	8 57	0 37	5 19
S 23	11 34	17 53	4 55	20 41	3 4	25 6	2 34	17 5	1 26	18 40	0 44	8 28	1 34	8 57	0 37	5 19
S 24	11 55	18 58	4 26	20 32	2 58	25 16	2 37	16 56	1 27	18 43	0 44	8 26	1 34	8 56	0 37	5 20
M 25	12 15	18 51	3 42	20 21	2 51	25 26	2 39	16 47	1 28	18 46	0 44	8 24	1 34	8 55	0 37	5 20
T 26	12 36	17 37	2 46	20 5	2 42	25 35	2 42	16 38	1 29	18 49	0 44	8 22	1 34	8 54	0 37	5 20
W 27	12 56	15 28	1 43	19 44	2 31	25 43	2 44	16 29	1 30	18 52	0 43	8 20	1 35	8 53	0 37	5 21
T 28	13 16	12 37	0 37	19 20	2 18	25 51	2 47	16 20	1 31	18 55	0 43	8 18	1 35	8 52	0 37	5 21
F 29	13 36	9 15	0n29	18 51	2 4	25 57	2 49	16 11	1 32	18 58	0 43	8 16	1 35	8 51	0 37	5 21
S 30	13 56	5 32	1 33	18 19	1 48	26 4	2 51	16 2	1 33	19 1	0 43	8 14	1 35	8 50	0 37	5 22
S 31	14s15	1n39	2n31	17s42	1s30	26s 9	2s53	15n53	1n35	19s 4	0n43	8n12	1n35	8n50	0s37	5s22

Julian Day Number = 2519023.5, Delta T = 148.82 sec
Ecliptic obliquity = 23°24'47, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°19'19, Lahiri = 26°26'20

ASTRODIENST EPHEMERIS for the year 2184
geocentric

NOVEMBER 2184

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 44 5	9♍16'26	13♌39	13°R37	24♌59	21♏47	28♍31	12♐55	24°R15	18°R53	2♏15	1°R42	0♐10	14♍3	11°R44	M 1
T 2	2 48 1	10°16'25	25°33	12♍21	26° 6	22°18	28°43	13° 1	24°Y12	18°X52	2°R15	1♐33	0° 7	14°10	11°II42	T 2
W 3	2 51 58	11°16'26	7♍25	11° 3	27°12	22°49	28°56	13° 6	24°10	18°52	2°15	1°21	0° 4	14°16	11°39	W 3
T 4	2 55 54	12°16'28	19°16	9°47	28°18	23°20	29° 9	13°11	24° 8	18°51	2°15	1° 7	0° 0	14°23	11°36	T 4
F 5	2 59 51	13°16'33	1♌9	8°34	29°24	23°50	29°22	13°16	24° 6	18°50	2°14	0°53	29♏57	14°30	11°33	F 5
S 6	3 3 48	14°16'39	13° 4	7°26	0♌30	24°20	29°36	13°21	24° 3	18°49	2°14	0°40	29°54	14°37	11°30	S 6
S 7	3 7 44	15°16'47	25° 3	6°27	1°36	24°50	29°49	13°26	24° 1	18°48	2°14	0°29	29°51	14°43	11°27	S 7
M 8	3 11 41	16°16'57	7♌8	5°36	2°41	25°20	0♌2	13°31	23°59	18°48	2°14	0°20	29°48	14°50	11°24	M 8
T 9	3 15 37	17°17'08	19°23	4°57	3°47	25°50	0°15	13°35	23°57	18°47	2°14	0°14	29°45	14°57	11°21	T 9
W10	3 19 34	18°17'21	1♌50	4°29	4°52	26°19	0°28	13°40	23°55	18°46	2°14	0°11	29°41	15° 3	11°18	W10
T 11	3 23 30	19°17'35	14°35	4°12	5°56	26°48	0°41	13°44	23°52	18°46	2°14	0°10	29°38	15°10	11°15	T 11
F 12	3 27 27	20°17'51	27°41	4°D 8	7° 1	27°17	0°54	13°49	23°50	18°45	2°13	0°10	29°35	15°17	11°12	F 12
S 13	3 31 23	21°18'08	11♌12	4°14	8° 5	27°46	1° 8	13°53	23°48	18°45	2°13	0°10	29°32	15°24	11° 9	S 13
S 14	3 35 20	22°18'27	25°11	4°31	9° 9	28°14	1°21	13°58	23°46	18°44	2°13	0° 8	29°29	15°30	11° 6	S 14
M15	3 39 17	23°18'47	9°Y38	4°57	10°13	28°43	1°34	14° 2	23°44	18°44	2°12	0° 4	29°26	15°37	11° 3	M15
T 16	3 43 13	24°19'08	24°30	5°33	11°16	29°11	1°47	14° 6	23°42	18°43	2°12	29♏57	29°22	15°44	10°59	T 16
W17	3 47 10	25°19'31	9♌42	6°16	12°20	29°38	2° 1	14°10	23°40	18°43	2°12	29°47	29°19	15°50	10°56	W17
T 18	3 51 6	26°19'55	25° 3	7° 7	13°22	0♐6	2°14	14°14	23°38	18°42	2°11	29°36	29°16	15°57	10°53	T 18
F 19	3 55 3	27°20'21	10♐21	8° 4	14°25	0°33	2°27	14°18	23°36	18°42	2°11	29°24	29°13	16° 4	10°50	F 19
S 20	3 58 59	28°20'49	25°26	9° 6	15°27	1° 0	2°41	14°22	23°34	18°42	2°10	29°14	29°10	16°11	10°46	S 20
S 21	4 2 56	29°21'19	10♌7	10°13	16°29	1°27	2°54	14°25	23°32	18°41	2°10	29° 5	29° 6	16°17	10°43	S 21
M22	4 6 52	0♌21'50	24°20	11°24	17°31	1°54	3° 7	14°29	23°31	18°41	2° 9	29° 0	29° 3	16°24	10°40	M22
T 23	4 10 49	1°22'23	8♏2	12°39	18°32	2°20	3°21	14°32	23°29	18°41	2° 9	28°57	29° 0	16°31	10°36	T 23
W24	4 14 46	2°22'58	21°15	13°57	19°33	2°46	3°34	14°36	23°27	18°41	2° 8	28°56	28°57	16°38	10°33	W24
T 25	4 18 42	3°23'34	4♐3	15°17	20°33	3°12	3°47	14°39	23°25	18°40	2° 8	28°56	28°54	16°44	10°29	T 25
F 26	4 22 39	4°24'12	16°29	16°40	21°34	3°38	4° 1	14°42	23°24	18°40	2° 7	28°55	28°51	16°51	10°26	F 26
S 27	4 26 35	5°24'52	28°40	18° 4	22°33	4° 3	4°14	14°45	23°22	18°40	2° 7	28°53	28°47	16°58	10°23	S 27
S 28	4 30 32	6°25'33	10♌40	19°30	23°33	4°28	4°28	14°48	23°20	18°40	2° 6	28°49	28°44	17° 4	10°19	S 28
M29	4 34 28	7°26'16	22°33	20°57	24°31	4°52	4°41	14°51	23°19	18°D40	2° 5	28°42	28°41	17°11	10°16	M29
T 30	4 38 25	8♌27'00	4♍24	22♍25	25♌30	5♐17	4♌54	14♐54	23°Y17	18°X40	2♏5	28♏32	28♏38	17♍18	10°II12	T 30

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	14s34	2s16	3n23	17s 2	1s11	26s14	2s55	15n44	1n36	19s 7	0n43	8n10	1n36	8n49	0s37	5s22	1s 4	22n 2	2n28	10n51	11n24	11s19	17n37	4s36	
T 2	14 53	6 4	4 4	16 20	0 51	26 18	2 57	15 35	1 37	19 9	0 43	8 8	1 36	8 48	0 37	5 23	1 4	22 3	2 28	10 55	11 25	11 20	17 36	4 36	
W 3	15 12	9 38	4 35	15 37	0 31	26 22	2 59	15 26	1 38	19 12	0 43	8 7	1 36	8 47	0 37	5 23	1 4	22 3	2 28	10 59	11 26	11 22	17 36	4 36	
T 4	15 30	12 48	4 54	14 53	0 10	26 25	3 1	15 18	1 39	19 15	0 43	8 5	1 36	8 46	0 37	5 23	1 4	22 3	2 28	11 4	11 27	11 24	17 35	4 36	
F 5	15 48	15 28	5 1	14 10	0n11	26 27	3 2	15 9	1 41	19 18	0 42	8 3	1 36	8 45	0 37	5 24	1 4	22 3	2 29	11 9	11 29	11 26	17 34	4 37	
S 6	16 6	17 29	4 54	13 30	0 30	26 28	3 4	15 0	1 42	19 21	0 42	8 1	1 37	8 45	0 37	5 24	1 4	22 3	2 29	11 14	11 30	11 27	17 34	4 37	
S 7	16 24	18 45	4 34	12 53	0 49	26 29	3 5	14 51	1 43	19 24	0 42	8 0	1 37	8 44	0 37	5 24	1 4	22 3	2 29	11 17	11 31	11 29	17 33	4 37	
M 8	16 41	19 12	4 2	12 20	1 6	26 30	3 6	14 42	1 44	19 27	0 42	7 58	1 37	8 43	0 37	5 24	1 4	22 3	2 29	11 21	11 32	11 31	17 33	4 37	
T 9	16 59	18 45	3 18	11 52	1 22	26 29	3 8	14 33	1 46	19 30	0 42	7 57	1 37	8 42	0 37	5 25	1 4	22 4	2 29	11 23	11 33	11 32	17 32	4 38	
W10	17 15	17 23	2 24	11 30	1 35	26 28	3 9	14 24	1 47	19 32	0 42	7 55	1 37	8 41	0 37	5 25	1 4	22 4	2 29	11 24	11 34	11 34	17 31	4 38	
T 11	17 32	15 8	1 22	11 13	1 47	26 26	3 10	14 15	1 48	19 35	0 42	7 53	1 38	8 41	0 37	5 25	1 4	22 4	2 29	11 24	11 35	11 36	17 31	4 38	
F 12	17 48	12 4	0 13	11 2	1 57	26 24	3 10	14 7	1 49	19 38	0 42	7 52	1 38	8 40	0 37	5 25	1 4	22 4	2 29	11 24	11 36	11 38	17 30	4 38	
S 13	18 4	8 15	0s58	10 57	2 5	26 21	3 11	13 58	1 51	19 41	0 42	7 50	1 38	8 39	0 37	5 26	1 4	22 4	2 30	11 24	11 37	11 39	17 29	4 39	
S 14	18 20	3 52	2 8	10 57	2 12	26 17	3 11	13 49	1 52	19 44	0 42	7 49	1 38	8 38	0 37	5 26	1 4	22 5	2 30	11 25	11 39	11 41	17 29	4 39	
M15	18 35	0n52	3 12	11 1	2 16	26 12	3 12	13 41	1 53	19 46	0 42	7 48	1 39	8 38	0 37	5 26	1 4	22 5	2 30	11 26	11 40	11 43	17 28	4 39	
T 16	18 50	5 41	4 5	11 10	2 19	26 7	3 12	13 32	1 54	19 49	0 41	7 46	1 39	8 37	0 37	5 26	1 4	22 5	2 30	11 29	11 41	11 44	17 27	4 39	
W17	19 4	10 14	4 42	11 22	2 21	26 2	3 12	13 24	1 56	19 52	0 41	7 45	1 39	8 36	0 37	5 26	1 4	22 5	2 30	11 32	11 42	11 46	17 27	4 39	
T 18	19 19	14 10	4 59	11 38	2 22	25 56	3 12	13 15	1 57	19 55	0 41	7 43	1 39	8 36	0 37	5 26	1 4	22 5	2 30	11 36	11 43	11 48	17 26	4 40	
F 19	19 33	17 7	4 55	11 57	2 21	25 49	3 12	13 7	1 58	19 57	0 41	7 42	1 39	8 35	0 37	5 27	1 4	22 6	2 30	11 40	11 44	11 49	17 26	4 40	
S 20	19 46	18 50	4 30	12 19	2 19	25 41	3 12	12 58	2 0	20 0	0 41	7 41	1 40	8 34	0 37	5 27	1 4	22 6	2 30	11 44	11 45	11 51	17 25	4 40	
S 21	19 59	19 15	3 47	12 42	2 17	25 33	3 11	12 50	2 1	20 3	0 41	7 40	1 40	8 34	0 37	5 27	1 4	22 6	2 31	11 47	11 46	11 53	17 24	4 40	
M22	20 12	18 24	2 52	13 7	2 14	25 25	3 10	12 42	2 3	20 5	0 41	7 39	1 40	8 33	0 37	5 27	1 4	22 6	2 31	11 49	11 47	11 54	17 24	4 40	
T 23	20 25	16 30	1 48	13 33	2 10	25 16	3 9	12 34	2 4	20 8	0 41	7 37	1 40	8 32	0 37	5 27	1 3	22 7	2 31	11 50	11 49	11 56	17 23	4 40	
W24	20 37	13 46	0 40	14 1	2 5	25 6	3 8	12 25	2 5	20 10	0 41	7 36	1 41	8 32	0 37	5 27	1 3	22 7	2 31	11 50	11 50	11 58	17 22	4 41	
T 25	20 49	10 26	0n27	14 29	2 0	24 56	3 7	12 17	2 7	20 13	0 41	7 35	1 41	8 31	0 37	5 27	1 3	22 7	2 31	11 50	11 51	12 0	17 22	4 41	
F 26	21 0	6 44	1 31	14 58	1 55	24 45	3 6	12 9	2 8	20 16	0 41	7 34	1 41	8 30	0 37	5 27	1 3	22 7	2 31	11 50	11 52	12 1	17 21	4 41	
S 27	21 11	2 50	2 30	15 27	1 49	24 33	3 4	12 2	2 10	20 18	0 41	7 33	1 41	8 30	0 37	5 27	1 3	22 8	2 31	11 51	11 53	12 3	17 21	4 41	
S 28	21 21	1s 8	3 21	15 56	1 43	24 22	3 3	11 54	2 11	20 21	0 41	7 32	1 42	8 29	0 37	5 27	1 3	22 8	2 31	11 52	11 54	12 5	17 20	4 41	
M29	21 32	5 0	4 3	16 25	1 37	24 9	3 1	11 46	2 13	20 23	0 41	7 32	1 42	8 29	0 37	5 27	1 3	22 8	2 32	11 55	11 55	12 6	17 19	4 41	
T 30	21s41	8s40	4n34	16s54	1n30	23s56	2s59	11n39	2n14	20s26	0n40	7n31	1n42	8n28	0s37	5s27	1s 3	22n 8	2n32	11n58	11n56	12s 8	17n19	4s41	

ASTRODIENST EPHEMERIS for the year 2184

geocentric

DECEMBER 2184

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 42 21	9°27'46	16°14	23°54	26°28	5°41	5°8	14°57	23°R16	18°40	2°R 4	28°R19	28°Ω35	17°14	10°R 9	W 1
T 2	4 46 18	10°28'34	28° 8	25°24	27°25	6° 4	5°21	14°59	23°Y14	18°40	2°Ω 3	28°Ω 5	28°31	17°31	10°II 5	T 2
F 3	4 50 15	11°29'22	10°27	26°55	28°22	6°28	5°34	15° 2	23°13	18°40	2° 2	27°50	28°28	17°38	10° 2	F 3
S 4	4 54 11	12°30'12	22° 7	28°26	29°19	6°51	5°48	15° 4	23°12	18°40	2° 2	27°36	28°25	17°45	9°59	S 4
S 5	4 58 8	13°31'03	4°15	29°57	0°14	7°13	6° 1	15° 6	23°10	18°41	2° 1	27°24	28°22	17°51	9°55	S 5
M 6	5 2 4	14°31'55	16°30	1°29	1°10	7°36	6°14	15° 9	23° 9	18°41	2° 0	27°15	28°19	17°58	9°52	M 6
T 7	5 6 1	15°32'48	28°54	3° 1	2° 4	7°58	6°28	15°11	23° 8	18°41	1°59	27° 9	28°16	18° 5	9°48	T 7
W 8	5 9 57	16°33'42	11°28	4°33	2°59	8°19	6°41	15°13	23° 7	18°41	1°58	27° 5	28°12	18°12	9°45	W 8
T 9	5 13 54	17°34'36	24°17	6° 5	3°52	8°41	6°54	15°14	23° 6	18°42	1°58	27°D 4	28° 9	18°18	9°41	T 9
F 10	5 17 50	18°35'32	7°22	7°38	4°45	9° 2	7° 8	15°16	23° 4	18°42	1°57	27° 4	28° 6	18°25	9°38	F 10
S 11	5 21 47	19°36'28	20°47	9°11	5°37	9°22	7°21	15°18	23° 3	18°42	1°56	27°R 5	28° 3	18°32	9°35	S 11
S 12	5 25 44	20°37'24	4°Y34	10°43	6°28	9°42	7°34	15°19	23° 2	18°43	1°55	27° 4	28° 0	18°39	9°31	S 12
M13	5 29 40	21°38'21	18°45	12°16	7°19	10° 2	7°47	15°21	23° 1	18°43	1°54	27° 1	27°57	18°45	9°28	M13
T14	5 33 37	22°39'19	3°B19	13°49	8° 8	10°21	8° 0	15°22	23° 1	18°44	1°53	26°55	27°53	18°52	9°25	T14
W15	5 37 33	23°40'18	18°12	15°22	8°57	10°40	8°14	15°23	23° 0	18°44	1°52	26°48	27°50	18°59	9°21	W15
T16	5 41 30	24°41'17	3°II16	16°56	9°45	10°58	8°27	15°24	22°59	18°45	1°51	26°38	27°47	19° 5	9°18	T16
F17	5 45 26	25°42'17	18°22	18°29	10°32	11°17	8°40	15°25	22°58	18°45	1°50	26°28	27°44	19°12	9°15	F17
S18	5 49 23	26°43'17	3°E21	20° 2	11°19	11°34	8°53	15°26	22°57	18°46	1°49	26°19	27°41	19°19	9°11	S18
S19	5 53 19	27°44'18	18° 2	21°36	12° 4	11°51	9° 6	15°27	22°57	18°47	1°48	26°12	27°37	19°26	9° 8	S19
M20	5 57 16	28°45'20	2°Ω19	23°10	12°48	12° 8	9°19	15°28	22°56	18°47	1°47	26° 7	27°34	19°32	9° 5	M20
T21	6 1 13	29°46'23	16° 8	24°43	13°31	12°24	9°32	15°28	22°56	18°48	1°46	26° 4	27°31	19°39	9° 2	T21
W22	6 5 9	0°34'27	29°29	26°17	14°13	12°40	9°45	15°29	22°55	18°49	1°45	26°D 4	27°28	19°46	8°59	W22
T23	6 9 6	1°48'31	12°23	27°51	14°54	12°55	9°58	15°29	22°55	18°50	1°43	26° 5	27°25	19°52	8°56	T23
F24	6 13 2	2°49'36	24°55	29°26	15°34	13°10	10°11	15°29	22°54	18°51	1°42	26° 6	27°22	19°59	8°52	F24
S25	6 16 59	3°50'42	7°E 9	1°E 0	16°12	13°24	10°24	15°R29	22°54	18°51	1°41	26°R 6	27°18	20° 6	8°49	S25
S26	6 20 55	4°51'48	19°10	2°35	16°49	13°38	10°36	15°29	22°54	18°52	1°40	26° 5	27°15	20°13	8°46	S26
M27	6 24 52	5°52'56	1°M 3	4°10	17°25	13°51	10°49	15°29	22°53	18°53	1°39	26° 1	27°12	20°19	8°43	M27
T28	6 28 48	6°54'03	12°54	5°45	18° 0	14° 3	11° 2	15°29	22°53	18°54	1°38	25°56	27° 9	20°26	8°40	T28
W29	6 32 45	7°55'12	24°46	7°20	18°33	14°16	11°15	15°29	22°53	18°55	1°37	25°48	27° 6	20°33	8°38	W29
T30	6 36 42	8°56'21	6°E41	8°56	19° 4	14°27	11°27	15°28	22°53	18°56	1°35	25°39	27° 3	20°40	8°35	T30
F31	6 40 38	9°57'30	18°E44	10°E32	19°E34	14°E38	11°E40	15°E28	22°D53	18°E57	1°Ω34	25°Ω30	26°Ω59	20°M46	8°II32	F31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	21s51	11s59	4n53	17s23	1n23	23s43	2s56	11n31	2n16	20s28	0n40	7n30	1n42	8n28	0s37	5s27
T 2	22 0	14 51	5 0	17 51	1 16	23 29	2 54	11 24	2 17	20 31	0 40	7 29	1 43	8 27	0 37	5 27
F 3	22 8	17 6	4 53	18 19	1 9	23 15	2 51	11 17	2 19	20 33	0 40	7 28	1 43	8 27	0 37	5 27
S 4	22 16	18 38	4 33	18 47	1 2	23 1	2 48	11 9	2 20	20 35	0 40	7 28	1 43	8 26	0 37	5 27
S 5	22 24	19 20	4 1	19 13	0 55	22 46	2 45	11 2	2 22	20 38	0 40	7 27	1 43	8 26	0 37	5 27
M 6	22 31	19 8	3 17	19 39	0 48	22 30	2 42	10 55	2 23	20 40	0 40	7 26	1 44	8 25	0 36	5 27
T 7	22 38	18 1	2 24	20 4	0 40	22 15	2 38	10 49	2 25	20 42	0 40	7 26	1 44	8 25	0 36	5 26
W 8	22 44	16 1	1 22	20 29	0 33	21 58	2 34	10 42	2 26	20 45	0 40	7 25	1 44	8 25	0 36	5 26
T 9	22 50	13 11	0 15	20 52	0 26	21 42	2 30	10 36	2 28	20 47	0 40	7 25	1 44	8 24	0 36	5 26
F 10	22 55	9 38	0s54	21 15	0 19	21 25	2 26	10 29	2 30	20 49	0 40	7 24	1 45	8 24	0 36	5 26
S 11	23 0	5 32	2 3	21 37	0 12	21 8	2 22	10 23	2 31	20 51	0 40	7 24	1 45	8 23	0 36	5 26
S 12	23 5	1 2	3 6	21 57	0 5	20 51	2 17	10 17	2 33	20 54	0 40	7 24	1 45	8 23	0 36	5 26
M13	23 9	3n39	3 59	22 17	0s 2	20 33	2 12	10 11	2 34	20 56	0 40	7 23	1 45	8 23	0 36	5 25
T14	23 13	8 14	4 38	22 35	0 9	20 15	2 7	10 5	2 36	20 58	0 40	7 23	1 46	8 22	0 36	5 25
W15	23 16	12 25	5 0	22 53	0 16	19 57	2 1	10 0	2 38	21 0	0 40	7 23	1 46	8 22	0 36	5 25
T16	23 18	15 11	5 1	23 9	0 23	19 39	1 56	9 54	2 40	21 2	0 40	7 23	1 46	8 22	0 36	5 25
F17	23 21	18 53	4 42	23 24	0 29	19 20	1 50	9 49	2 41	21 4	0 40	7 23	1 46	8 22	0 36	5 24
S18	23 22	19 19	4 3	23 38	0 36	19 1	1 43	9 44	2 43	21 6	0 40	7 22	1 47	8 21	0 36	5 24
S19	23 24	19 5	3 9	23 51	0 42	18 42	1 37	9 39	2 45	21 8	0 40	7 22	1 47	8 21	0 36	5 24
M20	23 24	17 37	2 4	24 3	0 48	18 23	1 30	9 34	2 46	21 10	0 39	7 22	1 47	8 21	0 36	5 24
T21	23 25	15 8	0 53	24 13	0 55	18 4	1 23	9 39	2 48	21 12	0 39	7 22	1 48	8 21	0 36	5 23
W22	23 25	11 56	0n18	24 22	1 0	17 45	1 15	9 25	2 50	21 14	0 39	7 22	1 48	8 21	0 36	5 23
T23	23 24	8 14	1 26	24 30	1 6	17 26	1 8	9 21	2 52	21 16	0 39	7 23	1 48	8 21	0 36	5 23
F24	23 23	4 18	2 29	24 36	1 12	17 6	1 0	9 17	2 54	21 18	0 39	7 23	1 48	8 20	0 36	5 22
S25	23 21	0 16	3 22	24 42	1 17	16 47	0 52	9 13	2 56	21 20	0 39	7 23	1 49	8 20	0 36	5 22
S26	23 19	3s42	4 6	24 45	1 22	16 28	0 43	9 10	2 57	21 22	0 39	7 23	1 49	8 20	0 36	5 22
M27	23 17	7 28	4 39	24 48	1 27	16 8	0 34	9 6	2 59	21 24	0 39	7 23	1 49	8 20	0 36	5 21
T28	23 14	10 56	4 59	24 49	1 32	15 49	0 25	9 3	3 1	21 26	0 39	7 24	1 49	8 20	0 36	5 21
W29	23 11	13 58	5 7	24 49	1 36	15 30	0 15	9 0	3 3	21 27	0 39	7 24	1 50	8 20	0 36	5 20
T30	23 7	16 27	5 1	24 47	1 40	15 11	0 5	8 57	3 5	21 29	0 39	7 25	1 50	8 20	0 36	5 20
F31	23s 2	18s15	4n43	24s44	1s44	14s52	0n 5	8n55	3n 7	21s31	0n39	7n25	1n50	8n20	0s36	5s19

Julian Day Number = 2519084.5, Delta T = 148.97 sec
 Ecliptic obliquity = 23°24'46, Nutation = - 0°00'10, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°19'28, Lahiri = 26°26'28