



Astrodienst Ephemeris Tables for the year 2172

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 2172
geocentric

JANUARY 2172

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	6 41 13	10 ³ 7'09	16 ¹ 35	12 ³ 42	23 ² 21	14 ¹ 36	13 ¹ 24	13 ¹ 49	2 ¹ 19	20 ² 45	14 ¹ R53	9 ¹ R36	8 ¹ 25	1 ¹ 46	11 ¹ 30	W 1
T 2	6 45 10	11 ¹ 8'18	29 ² 21	14 ¹ 19	24 ³ 31	15 ¹ 4	13 ¹ 34	13 ¹ 54	2 ² 21	20 ² 47	14 ¹ 52	9 ¹ 33	8 ¹ 22	1 ¹ 53	11 ¹ 31	T 2
F 3	6 49 6	12 ¹ 9'27	11 ¹ 45	15 ¹ 56	25 ⁴ 41	15 ¹ 31	13 ¹ 44	13 ¹ 58	2 ² 24	20 ² 49	14 ¹ 50	9 ¹ D32	8 ¹ 18	2 ¹ 0	11 ¹ 31	F 3
S 4	6 53 3	13 ¹ 10'35	23 ⁵ 51	17 ¹ 33	26 ⁵ 51	15 ¹ 59	13 ¹ 53	14 ¹ 3	2 ² 26	20 ² 51	14 ¹ 49	9 ¹ 33	8 ¹ 15	2 ¹ 6	11 ¹ 32	S 4
S 5	6 56 59	14 ¹ 11'44	5 ¹ 46	19 ¹ 11	28 ¹ 1	16 ¹ 26	14 ¹ 2	14 ¹ 8	2 ² 29	20 ² 53	14 ¹ 48	9 ¹ R33	8 ¹ 12	2 ¹ 13	11 ¹ 33	S 5
M 6	7 0 56	15 ¹ 12'52	17 ¹ 34	20 ¹ 49	29 ¹ 11	16 ¹ 53	14 ¹ 12	14 ¹ 13	2 ² 31	20 ² 55	14 ¹ 47	9 ¹ 33	8 ¹ 9	2 ¹ 20	11 ¹ 33	M 6
T 7	7 4 52	16 ¹ 14'00	29 ² 20	22 ² 27	0 ¹ 20	17 ¹ 20	14 ¹ 21	14 ¹ 18	2 ² 34	20 ² 57	14 ¹ 45	9 ¹ 31	8 ¹ 6	2 ¹ 26	11 ¹ 34	T 7
W 8	7 8 49	17 ¹ 15'08	11 ¹ 11	24 ² 5	1 ¹ 30	17 ¹ 47	14 ¹ 30	14 ¹ 23	2 ² 36	20 ² 59	14 ¹ 44	9 ¹ 26	8 ¹ 3	2 ¹ 33	11 ¹ 35	W 8
T 9	7 12 46	18 ¹ 16'16	23 ³ 5	25 ³ 44	2 ¹ 39	18 ¹ 13	14 ¹ 39	14 ¹ 28	2 ² 39	21 ¹ 1	14 ¹ 43	9 ¹ 19	7 ¹ 59	2 ¹ 40	11 ¹ 36	T 9
F 10	7 16 42	19 ¹ 17'24	5 ¹ 10	27 ² 23	3 ¹ 48	18 ¹ 39	14 ¹ 47	14 ¹ 33	2 ² 42	21 ¹ 3	14 ¹ 42	9 ¹ 9	7 ¹ 56	2 ¹ 46	11 ¹ 37	F 10
S 11	7 20 39	20 ¹ 18'31	17 ¹ 25	29 ² 2	4 ¹ 57	19 ¹ 5	14 ¹ 56	14 ¹ 38	2 ² 45	21 ¹ 5	14 ¹ 41	8 ¹ 56	7 ¹ 53	2 ¹ 53	11 ¹ 38	S 11
S 12	7 24 35	21 ¹ 19'39	29 ² 51	0 ¹ 41	6 ¹ 6	19 ¹ 31	15 ¹ 5	14 ¹ 44	2 ² 47	21 ¹ 7	14 ¹ 39	8 ¹ 43	7 ¹ 50	3 ¹ 0	11 ¹ 39	S 12
M13	7 28 32	22 ¹ 20'46	12 ¹ 28	2 ¹ 21	7 ¹ 14	19 ¹ 56	15 ¹ 13	14 ¹ 49	2 ² 50	21 ¹ 9	14 ¹ 38	8 ¹ 30	7 ¹ 47	3 ¹ 6	11 ¹ 40	M13
T 14	7 32 28	23 ¹ 21'53	25 ¹ 17	4 ¹ 0	8 ¹ 23	20 ¹ 21	15 ¹ 21	14 ¹ 54	2 ² 53	21 ¹ 11	14 ¹ 37	8 ¹ 17	7 ¹ 43	3 ¹ 13	11 ¹ 41	T 14
W15	7 36 25	24 ¹ 22'59	8 ¹ 17	5 ¹ 40	9 ¹ 31	20 ¹ 46	15 ¹ 30	15 ¹ 0	2 ² 56	21 ¹ 13	14 ¹ 36	8 ¹ 8	7 ¹ 40	3 ¹ 20	11 ¹ 43	W15
T 16	7 40 22	25 ¹ 24'06	21 ¹ 29	7 ¹ 19	10 ¹ 39	21 ¹ 11	15 ¹ 38	15 ¹ 6	2 ² 59	21 ¹ 15	14 ¹ 34	8 ¹ 1	7 ¹ 37	3 ¹ 26	11 ¹ 44	T 16
F 17	7 44 18	26 ¹ 25'12	4 ¹ 51	8 ¹ 58	11 ¹ 47	21 ¹ 36	15 ¹ 46	15 ¹ 11	3 ¹ 2	21 ¹ 17	14 ¹ 33	7 ¹ 57	7 ¹ 34	3 ¹ 33	11 ¹ 45	F 17
S 18	7 48 15	27 ¹ 26'19	18 ¹ 27	10 ¹ 37	12 ¹ 54	22 ¹ 0	15 ¹ 53	15 ¹ 17	3 ¹ 5	21 ¹ 19	14 ¹ 32	7 ¹ 55	7 ¹ 31	3 ¹ 40	11 ¹ 47	S 18
S 19	7 52 11	28 ¹ 27'25	2 ¹ 16	12 ¹ 15	14 ¹ 2	22 ¹ 24	16 ¹ 1	15 ¹ 23	3 ¹ 8	21 ¹ 21	14 ¹ 31	7 ¹ 55	7 ¹ 28	3 ¹ 46	11 ¹ 48	S 19
M20	7 56 8	29 ² 28'31	16 ¹ 20	13 ¹ 53	15 ¹ 9	22 ¹ 47	16 ¹ 9	15 ¹ 28	3 ¹ 11	21 ¹ 23	14 ¹ 29	7 ¹ 55	7 ¹ 24	3 ¹ 53	11 ¹ 50	M20
T 21	8 0 4	0 ¹ 29'37	0 ¹ 38	15 ¹ 29	16 ¹ 16	23 ¹ 11	16 ¹ 16	15 ¹ 34	3 ¹ 14	21 ¹ 25	14 ¹ 28	7 ¹ 53	7 ¹ 21	4 ¹ 0	11 ¹ 51	T 21
W22	8 4 1	1 ¹ 30'43	15 ¹ 8	17 ¹ 4	17 ¹ 23	23 ¹ 34	16 ¹ 23	15 ¹ 40	3 ¹ 17	21 ¹ 28	14 ¹ 27	7 ¹ 49	7 ¹ 18	4 ¹ 6	11 ¹ 53	W22
T 23	8 7 57	2 ¹ 31'48	29 ² 47	18 ¹ 37	18 ¹ 29	23 ¹ 56	16 ¹ 30	15 ¹ 46	3 ¹ 20	21 ¹ 30	14 ¹ 26	7 ¹ 43	7 ¹ 15	4 ¹ 13	11 ¹ 55	T 23
F 24	8 11 54	3 ¹ 32'53	14 ¹ 28	20 ¹ 9	19 ¹ 36	24 ¹ 19	16 ¹ 37	15 ¹ 52	3 ¹ 23	21 ¹ 32	14 ¹ 25	7 ¹ 33	7 ¹ 12	4 ¹ 19	11 ¹ 56	F 24
S 25	8 15 51	4 ¹ 33'58	29 ² 4	21 ¹ 38	20 ¹ 42	24 ¹ 41	16 ¹ 44	15 ¹ 59	3 ¹ 26	21 ¹ 34	14 ¹ 24	7 ¹ 21	7 ¹ 9	4 ¹ 26	11 ¹ 58	S 25
S 26	8 19 47	5 ¹ 35'01	13 ¹ 27	23 ¹ 4	21 ¹ 48	25 ¹ 3	16 ¹ 51	16 ¹ 5	3 ¹ 29	21 ¹ 36	14 ¹ 22	7 ¹ 9	7 ¹ 5	4 ¹ 33	12 ¹ 0	S 26
M27	8 23 44	6 ¹ 36'04	27 ² 31	24 ¹ 26	22 ¹ 53	25 ¹ 24	16 ¹ 57	16 ¹ 11	3 ¹ 32	21 ¹ 39	14 ¹ 21	6 ¹ 56	7 ¹ 2	4 ¹ 39	12 ¹ 2	M27
T 28	8 27 40	7 ¹ 37'06	11 ¹ 11	25 ¹ 44	23 ¹ 58	25 ¹ 45	17 ¹ 4	16 ¹ 17	3 ¹ 35	21 ¹ 41	14 ¹ 20	6 ¹ 46	6 ¹ 59	4 ¹ 46	12 ¹ 4	T 28
W29	8 31 37	8 ¹ 38'07	24 ¹ 26	26 ¹ 58	25 ¹ 3	26 ¹ 6	17 ¹ 10	16 ¹ 24	3 ¹ 39	21 ¹ 43	14 ¹ 19	6 ¹ 38	6 ¹ 56	4 ¹ 53	12 ¹ 6	W29
T 30	8 35 33	9 ¹ 39'07	7 ¹ 15	28 ¹ 6	26 ¹ 8	26 ¹ 26	17 ¹ 16	16 ¹ 30	3 ¹ 42	21 ¹ 45	14 ¹ 18	6 ¹ 32	6 ¹ 53	4 ¹ 59	12 ¹ 8	T 30
F 31	8 39 30	10 ¹ 40'06	19 ¹ 42	29 ² 7	27 ¹ 13	26 ¹ 46	17 ¹ 22	16 ¹ 36	3 ¹ 45	21 ¹ 48	14 ¹ 17	6 ¹ 30	6 ¹ 49	5 ¹ 11	12 ¹ 9	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
W 1	23s 2	9s 3	4s 4	24s41	1s53	15s26	1s49	3s51	2n 4	14s48	1n 6	8s 8	1s56	11s20	0s44	14s48	0s15	20n 8	2s28	14n41	14n18	22n30	6n23	1n59	
T 2	22 57	3 17	3 18	24 34	1 56	15 1	1 47	4 1	2 4	14 51	1 6	8 6	1 56	11 19	0 44	14 47	0 15	20 8	2 28	14 40	14 17	22 32	6 23	1 59	
F 3	22 52	2n27	2 23	24 26	1 59	14 35	1 44	4 11	2 5	14 54	1 6	8 5	1 55	11 18	0 44	14 47	0 15	20 8	2 28	14 39	14 16	22 34	6 23	1 59	
S 4	22 46	7 58	1 23	24 16	2 1	14 9	1 42	4 21	2 5	14 56	1 6	8 3	1 55	11 17	0 44	14 46	0 15	20 8	2 28	14 40	14 15	22 36	6 23	1 59	
S 5	22 40	13 7	0 20	24 5	2 3	13 42	1 39	4 31	2 6	14 59	1 6	8 1	1 55	11 16	0 44	14 45	0 15	20 9	2 28	14 40	14 14	22 39	6 23	1 59	
M 6	22 33	17 44	0n43	23 52	2 5	13 15	1 37	4 41	2 7	15 2	1 7	7 59	1 55	11 15	0 44	14 45	0 15	20 9	2 28	14 40	14 13	22 41	6 23	1 59	
T 7	22 26	21 40	1 43	23 38	2 6	12 48	1 34	4 50	2 7	15 4	1 7	7 57	1 55	11 14	0 44	14 44	0 15	20 9	2 28	14 39	14 12	22 43	6 23	1 58	
W 8	22 18	24 44	2 40	23 22	2 7	12 21	1 31	5 0	2 8	15 7	1 7	7 55	1 55	11 13	0 44	14 44	0 15	20 9	2 28	14 37	14 11	22 45	6 23	1 58	
T 9	22 10	26 44	3 30	23 4	2 8	11 53	1 28	5 10	2 8	15 9	1 7	7 53	1 55	11 12	0 44	14 43	0 15	20 9	2 28	14 35	14 10	22 47	6 24	1 58	
F 10	22 2	27 29	4 10	22 46	2 8	11 25	1 25	5 19	2 9	15 12	1 7	7 50	1 55	11 11	0 44	14 42	0 15	20 10	2 28	14 32	14 9	22 49	6 24	1 58	
S 11	21 53	26 55	4 40	22 25	2 8	10 57	1 22	5 28	2 9	15 14	1 7	7 48	1 55	11 10	0 44	14 42	0 15	20 10	2 28	14 28	14 8	22 51	6 24	1 58	
S 12	21 44	25 0	4 57	22 3	2 7	10 29	1 18	5 37	2 10	15 16	1 7	7 46	1 54	11 9	0 44	14 41	0 15	20 10	2 28	14 24	14 7	22 53	6 24	1 58	
M13	21 34	21 51	5 0	21 40	2 6	10 0	1 15	5 46	2 11	15 19	1 7	7 44	1 54	11 8	0 44	14 40	0 15	20 10	2 28	14 19	14 6	22 55	6 25	1 57	
T 14	21 24	17 36	4 48	21 15	2 4	9 31	1 11	5 55	2 11	15 21	1 8	7 42	1 54	11 7	0 44	14 40	0 15	20 10	2 28	14 15	14 4	22 58	6 25	1 57	
W15	21 13	12 29	4 21	20 48	2 2	9 2	1 8	6 4	2 12	15 23	1 8	7 40	1 54	11 6	0 44	14 39	0 15	20 11	2 27	14 12	14 3	23 0	6 25	1 57	
T 16	21 2	6 44	3 39	20 21	1 59	8 33	1 4	6 13	2 12	15 25	1 8	7 37	1 54	11 5	0 44	14 38	0 15	20 11	2 27	14 10	14 2	23 2	6 26	1 57	
F 17	20 51	0 36	2 45	19 51	1 55	8 4	1 0	6 21	2 13	15 27	1 8	7 35	1 54	11 4	0 44	14 38	0 15	20 11	2 27	14 9	14 1	23 4	6 26	1 57	
S 18	20 39	5s40	1 41	19 21	1 51	7 34	0 56	6 30	2 13	15 30	1 8	7 33	1 54	11 3	0 44	14 37	0 15	20 11	2 27	14 8	14 0	23 6	6 26	1 56	
S 19	20 27	11 47	0 30	18 49	1 46	7 4	0 52	6 38	2 14	15 32	1 8	7 30	1 54	11 2	0 44	14 36	0 15	20 11	2 27	14 8	13 59	23 8	6 27	1 56	
M20	20 15	17 25	0s44	18 16	1 41	6 35	0 48	6 46	2 15	15 34	1 8	7 28	1 54	11 1	0 44	14 36	0 15	20 12	2 27	14 8	13 58	23 10	6 27	1 56	
T 21	20 2	22 10	1 57	17 41	1 35	6 5	0 43	6 54	2 15	15 36	1 9	7 26	1 54	11 0	0 44	14 35	0 15	20 12	2 27	14 8	13 57	23 12	6 28	1 56	
W22	19 48	25 37	3 3	17 6	1 28	5 35	0 39	7 2	2 16	15 37	1 9	7 23	1 53	10 59	0 44	14 34	0 15	20 12	2 27	14 6	13 56	23 14	6 28	1 56	
T 23	19 35	27 23	3 58	16 30	1 20	5 4	0 34	7 10	2 16	15 39	1 9	7 21	1 53	10 58	0 44	14 34	0 15	20 12	2 27	14 4	13 55	23 16	6 29	1 56	
F 24	19 31	27 13	4 36	15 53	1 11	4 34	0 29	7 18	2 17	15 41	1 9	7 18	1 53	10 56	0 44	14 33	0 15	20 12	2 27	14 1	13 54	23 18	6 29	1 55	
S 25	19 6	25 10	4 57	15 16	1 2	4 4	0 25	7 25	2 18	15 43	1 9	7 16	1 53	10 55	0 44	14 32	0 15	20 13	2 27	13 57	13 53	23 20	6 30	1 55	
S 26	18 52	21 32	4 58	14 38	0 52	3 33	0 20	7 32	2 18	15 45	1 9	7 14	1 53	10 54	0 44	14 32	0 15	20 13	2 27	13 53	13 52	23 22	6 30	1 55	
M27	18 36	16 43	4 41	14 0	0 40	3 3	0 15	7 40	2 19	15 46	1 10	7 11	1 53	10 53	0 44	14 31	0 15	20 13	2 27	13 49	13 51	23 24	6 31	1 55	
T 28	18 21	11 11	4 8	13 22	0 28	2 32	0 10	7 47	2 19	15 48	1 10	7 9	1 53	10 52	0 44	14 30	0 15	20 13	2 26	13 46	13 50	23 26	6 31	1 55	
W29	18 5	5 19	3 23	12 45	0 15	2 2	0 5	7 54	2 20	15 50	1 10	7 6	1 53	10 51	0 44	14 30	0 15	20 13	2 26	13 43	13 49	23 28	6 32	1 55	
T 30	17 49	0n36	2 28	12 9	0 2	1 31	0n 1	8 1	2 20	15 51	1 10	7 3	1 53	10 49	0 44	14 29	0 15	20 14	2 26	13 41	13 48	23 30	6 33	1 54	
F 31	17s33	6n21	1s28	11s34	0n13	1s 1	0n 6	8s 7	2n21	15s53	1n10	7s 1	1s53	10s48	0s44	14s28	0s15	20n14	2s26	13n40	13n47	23n32	6n33	1n54	

ASTRODIENST EPHEMERIS for the year 2172

FEBRUARY 2172

00:00 UT

Day	Sid.t	☉	☽	♈	♀	♂	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	Day
S 1	8 43 26	11 ⁴⁴ 1'04	1 ⁸ 51	0 [✠] 1	28 ⁸ 17	27 [♁] 6	17 [♊] 28	16 [✠] 43	3 [✠] 48	21 [♈] 50	14 [♈] R16	6 [♈] R29	6 [♈] 46	5 [♊] 13	12 [♊] 12	S 1	
S 2	8 47 23	12 ⁴² 0'00	13 ⁴⁸	0 ⁴⁷	29 ²¹	27 ²⁵	17 ³³	16 ⁴⁹	3 ⁵²	21 ⁵²	14 [♊] 15	6 [♊] 29	6 ⁴³	5 ¹⁹	12 ¹⁴	S 2	
M 3	8 51 20	13 ⁴² 5'55	25 ³⁷	1 ²⁵	0 [✠] 24	27 ⁴⁴	17 ³⁹	16 ⁵⁶	3 ⁵⁵	21 ⁵⁴	14 ¹⁴	6 ²⁹	6 ⁴⁰	5 ²⁶	12 ¹⁶	M 3	
T 4	8 55 16	14 ⁴³ 5'50	7 ^{II} 25	1 ⁵²	1 ²⁷	28 ³	17 ⁴⁴	17 ³	3 ⁵⁸	21 ⁵⁷	14 ¹²	6 ²⁷	6 ³⁷	5 ³³	12 ¹⁸	T 4	
W 5	8 59 13	15 ⁴⁴ 4'42	19 ¹⁶	2 ¹⁰	2 ³⁰	28 ²¹	17 ⁴⁹	17 ⁹	4 ¹	21 ⁵⁹	14 ¹¹	6 ²²	6 ³⁴	5 ³⁹	12 ²¹	W 5	
T 6	9 3 9	16 ⁴⁵ 3'34	1 [♁] 16	2 [♈] R16	3 ³²	28 ³⁸	17 ⁵⁴	17 ¹⁶	4 ⁵	22 ¹	14 ¹⁰	6 ¹⁵	6 ³⁰	5 ⁴⁶	12 ²³	T 6	
F 7	9 7 6	17 ⁴⁶ 2'4	13 ²⁷	2 ¹²	4 ³⁴	28 ⁵⁶	17 ⁵⁹	17 ²³	4 ⁸	22 ³	14 ⁹	6 ⁵	6 ²⁷	5 ⁵³	12 ²⁵	F 7	
S 8	9 11 2	18 ⁴⁷ 1'3	25 ⁵³	1 ⁵⁷	5 ³⁶	29 ¹³	18 ³	17 ²⁹	4 ¹¹	22 ⁶	14 ⁸	5 ⁵³	6 ²⁴	5 ⁵⁹	12 ²⁸	S 8	
S 9	9 14 59	19 ⁴⁸ 0'1	8 [♊] 34	1 ³⁰	6 ³⁷	29 ²⁹	18 ⁸	17 ³⁶	4 ¹⁵	22 ⁸	14 ⁷	5 ⁴⁰	6 ²¹	6 ⁶	12 ³⁰	S 9	
M10	9 18 55	20 ⁴⁸ 4'8	21 ³¹	0 ⁵³	7 ³⁸	29 ⁴⁵	18 ¹²	17 ⁴³	4 ¹⁸	22 ¹⁰	14 ⁶	5 ²⁷	6 ¹⁸	6 ¹³	12 ³³	M10	
T11	9 22 52	21 ⁴⁹ 3'3	4 [♊] 41	0 ⁷	8 ³⁸	0 [♊] 0	18 ¹⁶	17 ⁵⁰	4 ²²	22 ¹³	14 ⁵	5 ¹⁵	6 ¹⁵	6 ¹⁹	12 ³⁵	T11	
W12	9 26 49	22 ⁵⁰ 1'7	18 ⁵	2 ⁹ ♁13	9 ³⁸	0 ¹⁵	18 ²⁰	17 ⁵⁷	4 ²⁵	22 ¹⁵	14 ⁵	5 ⁵	6 ¹¹	6 ²⁶	12 ³⁸	W12	
T13	9 30 45	23 ⁵¹ 0'00	1 [♁] 38	28 ¹²	10 ³⁸	0 ³⁰	18 ²⁴	18 ⁴	4 ²⁸	22 ¹⁷	14 ⁴	4 ⁵⁸	6 ⁸	6 ³³	12 ⁴⁰	T13	
F14	9 34 42	24 ⁵¹ 1'41	15 ²¹	27 ⁶	11 ³⁷	0 ⁴⁴	18 ²⁸	18 ¹¹	4 ³²	22 ¹⁹	14 ³	4 ⁵⁴	6 ⁵	6 ³⁹	12 ⁴³	F14	
S15	9 38 38	25 ⁵² 2'22	29 ¹⁰	25 ⁵⁶	12 ³⁵	0 ⁵⁸	18 ³¹	18 ¹⁸	4 ³⁵	22 ²²	14 ²	4 [♈] D53	6 ²	6 ⁴⁶	12 ⁴⁶	S15	
S16	9 42 35	26 ⁵³ 0'1	13 [♊] 6	24 ⁴⁶	13 ³³	1 ¹¹	18 ³⁴	18 ²⁵	4 ³⁹	22 ²⁴	14 ¹	4 ⁵³	5 ⁵⁹	6 ⁵³	12 ⁴⁸	S16	
M17	9 46 31	27 ⁵³ 4'0	27 ⁸	23 ³⁶	14 ³¹	1 ²³	18 ³⁷	18 ³²	4 ⁴²	22 ²⁶	14 ⁰	4 [♈] R53	5 ⁵⁵	6 ⁵⁹	12 ⁵¹	M17	
T18	9 50 28	28 ⁵⁴ 1'8	11 [♊] 16	22 ²⁹	15 ²⁸	1 ³⁵	18 ⁴⁰	18 ³⁹	4 ⁴⁶	22 ²⁸	13 ⁵⁹	4 ⁵²	5 ⁵²	7 ⁶	12 ⁵⁴	T18	
W19	9 54 24	29 ⁵⁴ 5'4	29 ⁵⁷	21 ²⁶	16 ²⁴	1 ⁴⁷	18 ⁴³	18 ⁴⁶	4 ⁴⁹	22 ³¹	13 ⁵⁸	4 ⁵⁰	5 ⁴⁹	7 ¹³	12 ⁵⁷	W19	
T20	9 58 21	0 [✠] 55'29	9 [♁] 41	20 ²⁸	17 ²⁰	1 ⁵⁸	18 ⁴⁶	18 ⁵³	4 ⁵²	22 ³³	13 ⁵⁸	4 ⁴⁵	5 ⁴⁶	7 ¹⁹	12 ⁵⁹	T20	
F21	10 2 18	1 ⁵⁶ 0'3	23 ⁵⁵	19 ³⁶	18 ¹⁵	2 ⁸	18 ⁴⁸	19 ⁰	4 ⁵⁶	22 ³⁵	13 ⁵⁷	4 ³⁷	5 ⁴³	7 ²⁶	13 ²	F21	
S22	10 6 14	2 ⁵⁶ 3'6	8 [♁] 3	18 ⁵¹	19 ¹⁰	2 ¹⁸	18 ⁵⁰	19 ⁸	4 ⁵⁹	22 ³⁸	13 ⁵⁶	4 ²⁷	5 ⁴⁰	7 ³³	13 ⁵	S22	
S23	10 10 11	3 ⁵⁷ 0'7	22 ¹	18 ¹⁴	20 ⁴	2 ²⁷	18 ⁵²	19 ¹⁵	5 ³	22 ⁴⁰	13 ⁵⁵	4 ¹⁷	5 ³⁶	7 ³⁹	13 ⁸	S23	
M24	10 14 7	4 ⁵⁷ 3'7	5 [✠] 44	17 ⁴³	20 ⁵⁷	2 ³⁶	18 ⁵⁴	19 ²²	5 ⁶	22 ⁴²	13 ⁵⁵	4 ⁶	5 ³³	7 ⁴⁶	13 ¹¹	M24	
T25	10 18 4	5 ⁵⁸ 0'5	19 ¹⁰	17 ²¹	21 ⁴⁹	2 ⁴⁴	18 ⁵⁶	19 ²⁹	5 ¹⁰	22 ⁴⁴	13 ⁵⁴	3 ⁵⁷	5 ³⁰	7 ⁵³	13 ¹⁴	T25	
W26	10 22 0	6 ⁵⁸ 3'1	2 [✠] 15	17 ⁶	22 ⁴¹	2 ⁵¹	18 ⁵⁷	19 ³⁷	5 ¹³	22 ⁴⁶	13 ⁵³	3 ⁵¹	5 ²⁷	7 ⁵⁹	13 ¹⁷	W26	
T27	10 25 57	7 ⁵⁸ 5'5	15 ⁰	16 ⁵⁸	23 ³²	2 ⁵⁸	18 ⁵⁸	19 ⁴⁴	5 ¹⁷	22 ⁴⁹	13 ⁵²	3 ⁴⁶	5 ²⁴	8 ⁶	13 ²⁰	T27	
F28	10 29 53	8 ⁵⁹ 1'8	27 ²⁶	16 [♁] D57	24 ²³	3 ⁴	18 ⁵⁹	19 ⁵¹	5 ²⁰	22 ⁵¹	13 ⁵²	3 ⁴⁴	5 ²¹	8 ¹³	13 ²³	F28	
S29	10 33 50	9 [✠] 59'39	9 [♁] 36	17 [♁] 3	25 [✠] 12	3 [♊] 9	19 [♊] 0	19 [✠] 59	5 [✠] 24	22 [♁] 53	13 [♁] 51	3 [♁] D44	5 [♁] 17	8 ^{II} 19	13 [✠] 26	S29	

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s16	11n43	0s25	11s 1	0n28	0s30	0n12	8s14	2n22	15s54	1n10	6s58	1s53	10s47	0s44	14s27	0s15	20n14	2s26	13n40	13n46	23n34	6n34	1n54	
S 2	16 59	16 35	0n39	10 30	0 44	0n 0	0 17	8 20	2 22	15 56	1 11	6 56	1 53	10 46	0 44	14 27	0 15	20 14	2 26	13 40	13 45	23 36	6 35	1 54	
M 3	16 42	20 46	1 40	10 1	1 1	0 31	0 23	8 26	2 23	15 57	1 11	6 53	1 53	10 45	0 44	14 26	0 15	20 14	2 26	13 40	13 44	23 38	6 35	1 54	
T 4	16 24	24 6	2 36	9 35	1 18	1 1	0 29	8 32	2 23	15 58	1 11	6 50	1 53	10 43	0 44	14 25	0 15	20 15	2 26	13 39	13 43	23 40	6 36	1 54	
W 5	16 6	26 24	3 26	9 13	1 35	1 31	0 35	8 38	2 24	15 59	1 11	6 48	1 53	10 42	0 44	14 24	0 15	20 15	2 26	13 38	13 42	23 42	6 37	1 54	
T 6	15 48	27 32	4 7	8 55	1 52	2 2	0 41	8 44	2 24	16 1	1 11	6 45	1 52	10 41	0 44	14 24	0 15	20 15	2 26	13 36	13 41	23 44	6 38	1 53	
F 7	15 30	27 21	4 38	8 40	2 9	2 32	0 47	8 49	2 25	16 2	1 11	6 42	1 52	10 40	0 44	14 23	0 15	20 15	2 26	13 32	13 40	23 46	6 38	1 53	
S 8	15 11	25 48	4 56	8 31	2 25	3 2	0 53	8 55	2 26	16 3	1 12	6 40	1 52	10 39	0 44	14 22	0 15	20 15	2 25	13 28	13 39	23 48	6 39	1 53	
S 9	14 52	22 56	5 0	8 25	2 41	3 32	0 59	9 0	2 26	16 4	1 12	6 37	1 52	10 37	0 44	14 22	0 15	20 16	2 25	13 24	13 37	23 50	6 40	1 53	
M10	14 33	18 53	4 49	8 25	2 55	4 2	1 5	9 5	2 27	16 5	1 12	6 34	1 52	10 36	0 44	14 21	0 15	20 16	2 25	13 20	13 36	23 52	6 41	1 53	
T11	14 13	13 51	4 23	8 29	3 8	4 31	1 12	9 10	2 27	16 6	1 12	6 32	1 52	10 35	0 44	14 20	0 15	20 16	2 25	13 16	13 35	23 53	6 42	1 53	
W12	13 54	8 6	3 41	8 37	3 19	5 1	1 18	9 15	2 28	16 7	1 12	6 29	1 52	10 34	0 44	14 19	0 15	20 16	2 25	13 12	13 34	23 55	6 43	1 52	
T13	13 34	1 54	2 47	8 50	3 29	5 30	1 25	9 19	2 28	16 8	1 12	6 26	1 52	10 32	0 44	14 19	0 15	20 16	2 25	13 10	13 33	23 57	6 44	1 52	
F14	13 13	4s28	1 42	9 6	3 35	6 0	1 32	9 24	2 29	16 9	1 13	6 23	1 52	10 31	0 44	14 18	0 15	20 17	2 25	13 9	13 32	23 59	6 44	1 52	
S15	12 53	10 42	0 30	9 25	3 40	6 29	1 38	9 28	2 29	16 9	1 13	6 21	1 52	10 30	0 44	14 17	0 15	20 17	2 25	13 8	13 31	24 1	6 45	1 52	
S16	12 32	16 27	0s44	9 46	3 42	6 58	1 45	9 32	2 30	16 10	1 13	6 18	1 52	10 29	0 44	14 16	0 15	20 17	2 25	13 8	13 30	24 3	6 46	1 52	
M17	12 12	21 23	1 56	10 9	3 42	7 26	1 52	9 36	2 30	16 11	1 13	6 15	1 52	10 27	0 44	14 16	0 15	20 17	2 25	13 8	13 29	24 5	6 47	1 52	
T18	11 51	25 6	3 1	10 33	3 39	7 55	1 59	9 39	2 31	16 11	1 13	6 12	1 52	10 26	0 44	14 15	0 15	20 17	2 25	13 8	13 28	24 7	6 48	1 52	
W19	11 30	27 16	3 55	10 57	3 35	8 23	2 6	9 43	2 31	16 12	1 13	6 9	1 52	10 25	0 44	14 14	0 15	20 18	2 24	13 7	13 27	24 9	6 49	1 51	
T20	11 8	27 38	4 35	11 22	3 28	8 51	2 13	9 46	2 32	16 13	1 14	6 7	1 52	10 24	0 44	14 14	0 15	20 18	2 24	13 5	13 26	24 10	6 50	1 51	
F21	10 47	26 12	4 58	11 46	3 20	9 19	2 20	9 49	2 32	16 13	1 14	6 4	1 52	10 22	0 44	14 13	0 15	20 18	2 24	13 3	13 25	24 12	6 51	1 51	
S22	10 25	23 7	5 3	12 9	3 10	9 46	2 28	9 52	2 33	16 13	1 14	6 1	1 52	10 21	0 44	14 12	0 15	20 18	2 24	13 0	13 24	24 14	6 52	1 51	
S23	10 3	18 43	4 49	12 30	3 0	10 13	2 35	9 55	2 33	16 14	1 14	5 58	1 52	10 20	0 44	14 11	0 15	20 18	2 24	12 56	13 23	24 16	6 53	1 51	
M24	9 41	13 25	4 19	12 50	2 48	10 40	2 42	9 58	2 34	16 14	1 14	5 55	1 52	10 19	0 44	14 11	0 15	20 18	2 24	12 53	13 22	24 18	6 54	1 51	
T25	9 19	7 35	3 35	13 9	2 36	11 7	2 50	10 0	2 34	16 14	1 15	5 52	1 52	10 17	0 44	14 10	0 15	20 19	2 24	12 50	13 21	24 20	6 55	1 51	
W26	8 57	1 33	2 40	13 26	2 23	11 33	2 57	10 2	2 34	16 15	1 15	5 50	1 52	10 16	0 44	14 9	0 15	20 19	2 24	12 47	13 20	24 22	6 56	1 51	
T27	8 34	4n23	1 39	13 40	2 10	11 59	3 5	10 4	2 35	16 15	1 15	5 47	1 52	10 15	0 44	14 9	0 15	20 19	2 24	12 46	13 19	24 23	6 57	1 50	
F28	8 12	10 1	0 34	13 53	1 57	12 25	3 12	10 6	2 35	16 15	1 15	5 44	1 52	10 13	0 44	14 8	0 15	20 19	2 23	12 45	13 18	24 25	6 58	1 50	
S29	7s49	15n10	0n31	14s 4	1n43	12n51	3n20	10s 7	2n35	16s15	1n15	5s41	1s52	10s12	0s44	14s 7	0s15	20n19	2s23	12n45	13n16	24n27	7n 0	1n50	

Julian Day Number = 2514397.5, Delta T = 138.13 sec

Ecliptic obliquity = $23^{\circ}25'08''$, Nutation = $-0^{\circ}00'09''$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 27°08'42. Lahiri = 26°15'42

ASTRODIENST EPHEMERIS for the year 2172

geocentric

MARCH 2172

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 37 47	10 ^h 59 ^m 58 ^s	21 ^h 34 ^m	17 ^h 15 ^m	26 ^h 01 ^m	3 ^h 14 ^m	19 ^h 11 ^m	20 ^h 06 ^m	5 ^h 27 ^m	22 ^h 28 ^m	13 ^h 51 ^m	3 ^h 45 ^m	5 ^h 14 ^m	8 ^h 26 ^m	13 ^h 30 ^m	S 1
M 2	10 41 43	12° 0'15	3 ^h 12 ^m 25 ^s	17°33'	26°49'	3°18'	19° 1'	20°13'	5°30'	22°58'	13 ^h 50 ^m	3°47'	5°11'	8°33'	13°33'	M 2
T 3	10 45 40	13° 0'30	15°14'	17°56'	27°36'	3°22'	19° 2'	20°21'	5°34'	23° 0'	13°49'	3°47'	5° 8'	8°39'	13°36'	T 3
W 4	10 49 36	14° 0'43	27° 6'	18°24'	28°22'	3°24'	19°R 2	20°28'	5°37'	23° 2'	13°49'	3°46'	5° 5'	8°46'	13°39'	W 4
T 5	10 53 33	15° 0'54	9 ^h 58 ^m 8 ^s	18°57'	29° 7'	3°26'	19° 2'	20°35'	5°41'	23° 4'	13°48'	3°43'	5° 1'	8°53'	13°42'	T 5
F 6	10 57 29	16° 1'03	21°22'	19°35'	29°51'	3°28'	19° 1'	20°43'	5°44'	23° 6'	13°48'	3°37'	4°58'	8°59'	13°46'	F 6
S 7	11 1 26	17° 1'10	3 ^h 12 ^m 53 ^s	20°16'	0 ^h 34 ^m	3°R28	19° 1'	20°50'	5°48'	23° 8'	13°47'	3°31'	4°55'	9° 6'	13°49'	S 7
S 8	11 5 22	18° 1'15	16°43'	21° 2'	1°15'	3°28'	19° 0'	20°57'	5°51'	23°10'	13°47'	3°23'	4°52'	9°13'	13°52'	S 8
M 9	11 9 19	19° 1'18	29°54'	21°51'	1°56'	3°27'	19° 0'	21° 5'	5°54'	23°13'	13°47'	3°15'	4°49'	9°19'	13°56'	M 9
T 10	11 13 16	20° 1'18	13 ^h 12 ^m 23 ^s	22°43'	2°35'	3°26'	18°59'	21°12'	5°58'	23°15'	13°46'	3° 7'	4°46'	9°26'	13°59'	T 10
W11	11 17 12	21° 1'17	27°10'	23°38'	3°14'	3°23'	18°57'	21°20'	6° 1'	23°17'	13°46'	3° 1'	4°42'	9°33'	14° 2'	W11
T 12	11 21 9	22° 1'14	11 ^h 12 ^m 11 ^s	24°36'	3°50'	3°20'	18°56'	21°27'	6° 4'	23°19'	13°45'	2°57'	4°39'	9°39'	14° 6'	T 12
F 13	11 25 5	23° 1'10	25°19'	25°37'	4°26'	3°16'	18°54'	21°34'	6° 8'	23°21'	13°45'	2°56'	4°36'	9°46'	14° 9'	F 13
S 14	11 29 2	24° 1'03	9 ^h 13 ^m 34 ^s	26°41'	5° 0'	3°12'	18°53'	21°42'	6°11'	23°23'	13°45'	2°D36	4°33'	9°53'	14°12'	S 14
S 15	11 32 58	25° 0'55	23°50'	27°47'	5°33'	3° 6'	18°51'	21°49'	6°14'	23°25'	13°44'	2°57'	4°30'	9°59'	14°16'	S 15
M16	11 36 55	26° 0'45	8 ^h 17 ^m 5 ^s	28°55'	6° 4'	3° 0'	18°49'	21°57'	6°18'	23°27'	13°44'	2°58'	4°26'	10° 6'	14°19'	M16
T 17	11 40 51	27° 0'34	22°17'	0 ^h 17 ^m 5 ^s	6°34'	2°53'	18°46'	22° 4'	6°21'	23°29'	13°44'	2°R59	4°23'	10°13'	14°23'	T 17
W18	11 44 48	28° 0'21	6 ^h 33 ^m 23 ^s	1°17'	7° 2'	2°45'	18°44'	22°11'	6°24'	23°31'	13°44'	2°59'	4°20'	10°19'	14°26'	W18
T 19	11 48 45	29° 0'07	20°23'	2°32'	7°29'	2°37'	18°41'	22°19'	6°28'	23°33'	13°43'	2°57'	4°17'	10°26'	14°30'	T 19
F 20	11 52 41	29°59'50	4 ^h 14 ^m 14 ^s	3°48'	7°53'	2°28'	18°38'	22°26'	6°31'	23°35'	13°43'	2°54'	4°14'	10°33'	14°33'	F 20
S 21	11 56 38	0 ^h 59'32	17°56'	5° 6'	8°16'	2°18'	18°35'	22°33'	6°34'	23°37'	13°43'	2°49'	4°11'	10°39'	14°37'	S 21
S 22	12 0 34	1°59'12	1 ^h 12 ^m 26 ^s	6°25'	8°38'	2° 7'	18°32'	22°41'	6°37'	23°38'	13°43'	2°44'	4° 7'	10°46'	14°40'	S 22
M23	12 4 31	2°58'51	14°43'	7°47'	8°57'	1°55'	18°29'	22°48'	6°40'	23°40'	13°43'	2°39'	4° 4'	10°53'	14°44'	M23
T 24	12 8 27	3°58'27	27°45'	9° 9'	9°14'	1°43'	18°25'	22°55'	6°44'	23°42'	13°43'	2°35'	4° 1'	11° 0'	14°48'	T 24
W25	12 12 24	4°58'01	10 ^h 58 ^m 01 ^s	10°34'	9°29'	1°30'	18°21'	23° 3'	6°47'	23°44'	13°43'	2°32'	3°58'	11° 6'	14°51'	W25
T 26	12 16 20	5°57'33	23° 5'	12° 0'	9°43'	1°16'	18°18'	23°10'	6°50'	23°46'	13°43'	2°30'	3°55'	11°13'	14°55'	T 26
F 27	12 20 17	6°57'03	5 ^h 58 ^m 23 ^s	13°27'	9°54'	1° 1'	18°13'	23°17'	6°53'	23°48'	13°D43	2°D30	3°52'	11°20'	14°58'	F 27
S 28	12 24 13	7°56'31	17°29'	14°56'	10° 2'	0°46'	18° 9'	23°25'	6°56'	23°49'	13°43'	2°31'	3°48'	11°26'	15° 2'	S 28
S 29	12 28 10	8°55'57	29°26'	16°27'	10° 9'	0°30'	18° 5'	23°32'	6°59'	23°51'	13°43'	2°32'	3°45'	11°33'	15° 5'	S 29
M30	12 32 7	9°55'21	11 ^h 11 ^m 17 ^s	17°59'	10°13'	0°13'	18° 0'	23°39'	7° 2'	23°53'	13°43'	2°34'	3°42'	11°40'	15° 9'	M30
T 31	12 36 3	10 ^h 55'44 ^s	23 ^h 11 ^m 7 ^s	19 ^h 13 ^m 32 ^s	10°R15	29 ^h 15 ^m 56 ^s	17 ^h 17 ^m 56 ^s	23 ^h 14 ^m 46 ^s	7 ^h 15 ^m 5 ^s	23 ^h 28 ^m 55 ^s	13 ^h 54 ^m 43 ^s	2 ^h 36 ^m 36 ^s	3 ^h 39 ^m 39 ^s	11 ^h 11 ^m 46 ^s	15 ^h 19 ^m 13 ^s	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	7s26	19n39	1n34	14s13	1n30	13n16	3n27	10s 8	2n36	16s15	1n15	5s38	1s52	10s11	0s44	14s 6
M 2	7 3	23 19	2 33	14 21	1 17	13 40	3 35	10 10	2 36	16 15	1 16	5 35	1 52	10 10	0 44	14 6
T 3	6 40	25 59	3 24	14 26	1 4	14 4	3 43	10 10	2 36	16 15	1 16	5 32	1 52	10 8	0 44	14 5
W 4	6 17	27 31	4 8	14 29	0 51	14 28	3 51	10 11	2 37	16 15	1 16	5 30	1 52	10 7	0 44	14 4
T 5	5 54	27 46	4 40	14 31	0 39	14 52	3 58	10 12	2 37	16 15	1 16	5 27	1 52	10 6	0 44	14 4
F 6	5 31	26 41	5 1	14 31	0 27	15 15	4 6	10 12	2 37	16 14	1 16	5 24	1 52	10 5	0 44	14 3
S 7	5 7	24 15	5 8	14 29	0 15	15 37	4 14	10 12	2 37	16 14	1 16	5 21	1 52	10 3	0 44	14 2
S 8	4 44	20 34	5 0	14 25	0 3	15 59	4 22	10 12	2 37	16 14	1 17	5 18	1 52	10 2	0 44	14 2
M 9	4 20	15 48	4 36	14 20	0s 8	16 21	4 29	10 11	2 37	16 13	1 17	5 15	1 52	10 1	0 44	14 1
T 10	3 57	10 9	3 56	14 13	0 18	16 42	4 37	10 11	2 37	16 13	1 17	5 12	1 52	10 0	0 44	14 0
W11	3 33	3 54	3 2	14 5	0 29	17 2	4 45	10 10	2 37	16 12	1 17	5 9	1 52	9 58	0 44	14 0
T 12	3 10	2s39	1 55	13 55	0 38	17 22	4 53	10 9	2 37	16 12	1 17	5 6	1 52	9 57	0 44	13 59
F 13	2 46	9 9	0 41	13 43	0 48	17 42	5 0	10 8	2 37	16 11	1 17	5 4	1 52	9 56	0 44	13 58
S 14	2 22	15 14	0s36	13 30	0 57	18 1	5 8	10 6	2 37	16 11	1 18	5 1	1 52	9 55	0 44	13 58
S 15	1 59	20 31	1 51	13 15	1 5	18 19	5 16	10 4	2 37	16 10	1 18	4 58	1 52	9 54	0 44	13 57
M16	1 35	24 36	3 0	12 59	1 13	18 37	5 23	10 2	2 37	16 9	1 18	4 55	1 53	9 52	0 44	13 56
T 17	1 11	27 8	3 57	12 42	1 21	18 54	5 31	10 0	2 37	16 8	1 18	4 52	1 53	9 51	0 44	13 56
W18	0 48	27 55	4 39	12 23	1 28	19 10	5 38	9 58	2 37	16 8	1 18	4 49	1 53	9 50	0 44	13 55
T 19	0 24	26 53	5 4	12 3	1 35	19 26	5 45	9 55	2 36	16 7	1 18	4 46	1 53	9 49	0 44	13 54
F 20	0 0	24 13	5 12	11 41	1 42	19 41	5 52	9 52	2 36	16 6	1 19	4 44	1 53	9 48	0 44	13 54
S 21	0n24	20 13	5 1	11 18	1 47	19 55	6 0	9 49	2 36	16 5	1 19	4 41	1 53	9 46	0 44	13 53
S 22	0 47	15 13	4 34	10 54	1 53	20 8	6 6	9 46	2 35	16 4	1 19	4 38	1 53	9 45	0 44	13 53
M23	1 11	9 35	3 52	10 28	1 58	20 21	6 13	9 42	2 35	16 3	1 19	4 35	1 53	9 44	0 44	13 52
T 24	1 35	3 38	2 59	10 1	2 3	20 33	6 20	9 39	2 34	16 2	1 19	4 32	1 53	9 43	0 44	13 51
W25	1 58	2n22	1 58	9 33	2 7	20 44	6 26	9 35	2 34	16 1	1 19	4 29	1 53	9 42	0 44	13 51
T 26	2 22	8 10	0 52	9 4	2 11	20 54	6 32	9 31	2 33	15 59	1 19	4 27	1 53	9 41	0 44	13 50
F 27	2 45	13 33	0n16	8 33	2 14	21 3	6 38	9 26	2 32	15 58	1 19	4 24	1 53	9 39	0 44	13 50
S 28	3 9	18 20	1 22	8 2	2 17	21 11	6 44	9 22	2 32	15 57	1 20	4 21	1 53	9 38	0 44	13 49
S 29	3 32	22 20	2 23	7 29	2 19	21 19	6 49	9 17	2 31	15 56	1 20	4 18	1 53	9 37	0 44	13 48
M30	3 56	25 23	3 18	6 55	2 21	21 25	6 54	9 12	2 30	15 54	1 20	4 15	1 53	9 36	0 44	13 48
T 31	4n19	27n18	4n 4	6s19	2s22	21n30	6n59	9s 7	2n29	15s53	1n20	4s13	1s54	9s35	0s44	13s47

Julian Day Number = 2514426.5, Delta T = 138.19 sec
 Ecliptic obliquity = 23°25'09, Nutation = - 0°00'09, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°08'46, Lahiri = 26°15'46

ASTRODIENST EPHEMERIS for the year 2172

geocentric

APRIL 2172

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 40 0	11°54'02	4°59	21°16	10°R14	29°R38	17°R51	23°153	7°16	23°56	13°43	2°36	3°36	11°53	15°16	W 1
T 2	12 43 56	12°53'18	17° 0	22°42	10°11	29°20	17°46	24° 1	7°11	23°58	13°43	2°R37	3°32	12° 0	15°20	T 2
F 3	12 47 53	13°52'33	29°14	24°20	10° 6	29° 1	17°41	24° 8	7°14	24° 0	13°43	2°36	3°29	12° 6	15°23	F 3
S 4	12 51 49	14°51'45	11°44	25°59	9°58	28°42	17°35	24°15	7°17	24° 1	13°43	2°34	3°26	12°13	15°27	S 4
S 5	12 55 46	15°50'55	24°36	27°39	9°47	28°22	17°30	24°22	7°20	24° 3	13°44	2°32	3°23	12°20	15°31	S 5
M 6	12 59 42	16°50'03	7°50	29°21	9°35	28° 1	17°24	24°29	7°23	24° 4	13°44	2°30	3°20	12°26	15°34	M 6
T 7	13 3 39	17°49'08	21°29	1°4	9°19	27°40	17°19	24°36	7°26	24° 6	13°44	2°28	3°17	12°33	15°38	T 7
W 8	13 7 36	18°48'11	5°40	2°48	9° 1	27°19	17°13	24°43	7°28	24° 7	13°44	2°26	3°13	12°40	15°41	W 8
T 9	13 11 32	19°47'12	19°50	4°34	8°41	26°58	17° 7	24°50	7°31	24° 9	13°45	2°25	3°10	12°46	15°45	T 9
F 10	13 15 29	20°46'11	4°25	6°22	8°18	26°36	17° 1	24°57	7°34	24°10	13°45	2°D25	3° 7	12°53	15°49	F 10
S 11	13 19 25	21°45'09	19° 7	8°11	7°54	26°14	16°55	25° 4	7°37	24°12	13°45	2°25	3° 4	13° 0	15°52	S 11
S 12	13 23 22	22°44'04	3°50	10° 1	7°27	25°51	16°48	25°11	7°39	24°13	13°46	2°26	3° 1	13° 6	15°56	S 12
M13	13 27 18	23°42'58	18°28	11°53	6°58	25°29	16°42	25°17	7°42	24°15	13°46	2°27	2°58	13°13	15°59	M13
T 14	13 31 15	24°41'50	2°57	13°47	6°27	25° 6	16°35	25°24	7°45	24°16	13°46	2°28	2°54	13°20	16° 3	T 14
W15	13 35 11	25°40'40	17°11	15°42	5°55	24°43	16°29	25°31	7°47	24°17	13°47	2°28	2°51	13°26	16° 7	W15
T 16	13 39 8	26°39'28	1°9	17°38	5°21	24°20	16°22	25°38	7°50	24°19	13°47	2°R28	2°48	13°33	16°10	T 16
F 17	13 43 5	27°38'15	14°50	19°36	4°46	23°57	16°15	25°44	7°52	24°20	13°48	2°28	2°45	13°40	16°14	F 17
S 18	13 47 1	28°37'00	28°15	21°35	4°10	23°34	16° 8	25°51	7°55	24°21	13°48	2°27	2°42	13°46	16°17	S 18
S 19	13 50 58	29°35'44	11°14	23°36	3°34	23°11	16° 1	25°58	7°57	24°22	13°49	2°27	2°38	13°53	16°21	S 19
M20	13 54 54	0°34'25	24°17	25°38	2°56	22°48	15°54	26° 4	8° 0	24°24	13°49	2°27	2°35	14° 0	16°24	M20
T 21	13 58 51	1°33'05	6°58	27°41	2°19	22°26	15°47	26°11	8° 2	24°25	13°50	2°27	2°32	14° 6	16°28	T 21
W22	14 2 47	2°31'43	19°25	29°46	1°41	22° 3	15°40	26°17	8° 4	24°26	13°51	2°D27	2°29	14°13	16°31	W22
T 23	14 6 44	3°30'19	1°42	1°51	1° 3	21°41	15°32	26°24	8° 7	24°27	13°51	2°R27	2°26	14°20	16°35	T 23
F 24	14 10 40	4°28'53	13°49	3°58	0°26	21°20	15°25	26°30	8° 9	24°28	13°52	2°27	2°23	14°26	16°38	F 24
S 25	14 14 37	5°27'26	25°48	6° 5	29°56	20°58	15°18	26°36	8°11	24°29	13°52	2°26	2°19	14°33	16°42	S 25
S 26	14 18 34	6°25'56	7°41	8°13	29°14	20°37	15°10	26°43	8°13	24°30	13°53	2°26	2°16	14°40	16°45	S 26
M27	14 22 30	7°24'25	19°31	10°22	28°39	20°16	15° 3	26°49	8°16	24°31	13°54	2°25	2°13	14°47	16°49	M27
T 28	14 26 27	8°22'51	1°21	12°30	28° 6	19°56	14°55	26°55	8°18	24°32	13°55	2°25	2°10	14°53	16°52	T 28
W29	14 30 23	9°21'16	13°14	14°39	27°34	19°36	14°47	27° 1	8°20	24°33	13°55	2°24	2° 7	15° 0	16°55	W29
T 30	14 34 20	10°19'38	25°14	16°47	27° 4	19°17	14°40	27°16	8°22	24°34	13°56	2°23	2° 4	15°11	16°59	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
W 1	4n42	27n59	4n40	5s43	2s23	21n34	7n 3	9s 2	2n28	15s51	1n20	4s10	1s54	9s34	0s44	13s47	0s16	20n24	2s20	12n22	12n42	25n21	7n39	1n47			
T 2	5 5	27 22	5 4	5 6	2 24	21 36	7 7	8 56	2 27	15 50	1 20	4 7	1 54	9 33	0 44	13 46	0 16	20 24	2 20	12 22	12 41	25 23	7 41	1 47			
F 3	5 28	25 26	5 15	4 27	2 24	21 38	7 10	8 51	2 26	15 48	1 20	4 4	1 54	9 32	0 44	13 46	0 16	20 24	2 20	12 22	12 40	25 25	7 42	1 47			
S 4	5 51	22 14	5 12	3 47	2 23	21 38	7 13	8 45	2 24	15 47	1 20	4 2	1 54	9 31	0 44	13 45	0 16	20 24	2 19	12 21	12 39	25 26	7 43	1 47			
S 5	6 14	17 54	4 53	3 7	2 23	21 37	7 16	8 39	2 23	15 45	1 20	3 59	1 54	9 30	0 44	13 45	0 16	20 24	2 19	12 21	12 38	25 28	7 45	1 47			
M 6	6 37	12 36	4 18	2 25	2 21	21 34	7 18	8 33	2 22	15 43	1 21	3 56	1 54	9 29	0 44	13 44	0 16	20 24	2 19	12 20	12 37	25 29	7 46	1 47			
T 7	6 59	6 33	3 28	1 42	2 19	21 30	7 19	8 27	2 20	15 42	1 21	3 54	1 54	9 28	0 44	13 44	0 16	20 24	2 19	12 19	12 36	25 31	7 47	1 47			
W 8	7 22	0 1	2 24	0 59	2 17	21 25	7 19	8 21	2 19	15 40	1 21	3 51	1 54	9 27	0 44	13 43	0 16	20 24	2 19	12 19	12 35	25 33	7 49	1 47			
T 9	7 44	6s41	1 9	0 14	2 14	21 18	7 19	8 15	2 17	15 38	1 21	3 48	1 55	9 26	0 44	13 43	0 16	20 24	2 19	12 18	12 34	25 34	7 50	1 47			
F 10	8 6	13 9	0s11	0n32	2 10	21 10	7 19	8 9	2 15	15 37	1 21	3 46	1 55	9 25	0 44	13 42	0 16	20 25	2 19	12 18	12 33	25 36	7 51	1 46			
S 11	8 28	18 57	1 31	1 18	2 7	21 1	7 17	8 2	2 14	15 35	1 21	3 43	1 55	9 24	0 44	13 42	0 16	20 25	2 19	12 18	12 31	25 37	7 53	1 46			
S 12	8 50	23 36	2 46	2 6	2 2	20 49	7 15	7 56	2 12	15 33	1 21	3 40	1 55	9 23	0 44	13 41	0 16	20 25	2 19	12 18	12 30	25 39	7 54	1 46			
M13	9 12	26 43	3 49	2 54	1 57	20 37	7 12	7 49	2 10	15 31	1 21	3 38	1 55	9 22	0 44	13 41	0 16	20 25	2 18	12 19	12 29	25 40	7 55	1 46			
T 14	9 34	27 59	4 36	3 43	1 52	20 23	7 8	7 43	2 8	15 29	1 21	3 35	1 55	9 21	0 44	13 40	0 16	20 25	2 18	12 19	12 28	25 42	7 57	1 46			
W15	9 55	27 22	5 6	4 33	1 46	20 8	7 3	7 36	2 6	15 27	1 21	3 33	1 55	9 20	0 44	13 40	0 16	20 25	2 18	12 19	12 27	25 43	7 58	1 46			
T 16	10 16	25 2	5 17	5 23	1 40	19 51	6 58	7 30	2 4	15 25	1 21	3 30	1 55	9 19	0 44	13 40	0 16	20 25	2 18	12 19	12 26	25 45	7 59	1 46			
F 17	10 37	21 18	5 10	6 14	1 33	19 33	6 52	7 24	2 2	15 23	1 21	3 28	1 56	9 18	0 44	13 39	0 16	20 25	2 18	12 19	12 25	25 46	8 1	1 46			
S 18	10 58	16 32	4 46	7 5	1 25	19 14	6 45	7 17	2 0	15 21	1 21	3 25	1 56	9 17	0 45	13 39	0 16	20 25	2 18	12 19	12 24	25 48	8 2	1 46			
S 19	11 19	11 5	4 7	7 57	1 17	18 54	6 37	7 11	1 58	15 19	1 21	3 23	1 56	9 16	0 45	13 38	0 16	20 25	2 18	12 19	12 23	25 49	8 3	1 46			
M20	11 40	5 16	3 16	8 50	1 9	18 33	6 28	7 4	1 56	15 17	1 21	3 20	1 56	9 15	0 45	13 38	0 16	20 25	2 18	12 19	12 22	25 51	8 5	1 46			
T 21	12 0	0n40	2 17	9 42	1 0	18 11	6 19	6 58	1 53	15 15	1 21	3 18	1 56	9 14	0 45	13 38	0 16	20 25	2 18	12 19	12 21	25 52	8 6	1 46			
W22	12 20	6 29	1 12	10 35	0 51	17 48	6 9	6 52	1 51	15 13	1 21	3 15	1 56	9 13	0 45	13 37	0 16	20 25	2 17	12 19	12 19	25 54	8 7	1 46			
T 23	12 40	11 59	0 4	11 27	0 42	17 25	5 58	6 46	1 49	15 11	1 21	3 13	1 56	9 13	0 45	13 37	0 16	20 25	2 17	12 19	12 18	25 55	8 8	1 46			
F 24	13 0	16 58	1n 3	12 20	0 32	17 1	5 47	6 40	1 46	15 9	1 21	3 10	1 57	9 12	0 45	13 37	0 16	20 25	2 17	12 19	12 17	25 56	8 10	1 46			
S 25	13 20	21 14	2 6	13 12	0 22	16 37	5 35	6 34	1 44	15 7	1 21	3 8	1 57	9 11	0 45	13 36	0 16	20 25	2 17	12 19	12 16	25 58	8 11	1 46			
S 26	13 39	24 35	3 3	14 3	0 11	16 13	5 23	6 29	1 41	15 5	1 21	3 6	1 57	9 10	0 45	13 36	0 16	20 25	2 17	12 18	12 15	25 59	8 12	1 46			
M27	13 58	26 52	3 53	14 54	0 1	15 48	5 10	6 23	1 39	15 2	1 21	3 3	1 57	9 9	0 45	13 36	0 16	20 26	2 17	12 18	12 14	26 1	8 14	1 46			
T 28	14 17	27 56	4 32	15 44	0n10	15 24	4 56	6 18	1 36	15 0	1 21	3 1	1 57	9 9	0 45	13 35	0 16	20 26	2 17	12 18	12 13	26 2	8 15	1 46			
W29	14 36	27 44	4 59	16 33	0 20	15 0	4 43	6 13	1 34	14 58	1 21	2 59	1 57	9 8	0 45	13 35	0 16	20 26	2 17	12 18	12 12	26 4	8 16	1 46			
T 30	14n54	26n13	5n14	17n20	0n31	14n36	4n29	6s 8	1n31	14s56	1n21	2s56	1s57	9s 7	0s45	13s35	0s16	20n26	2s17	12n18	12n11	26n 5	8n17	1n46			

ASTRODIENST EPHEMERIS for the year 2172
geocentric

MAY 2172

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 38 16	11♌1758	7♏26	18♌54	26°R36	18°R58	14°R32	27♏13	8♏24	24♏35	13♏57	2°D23	2♌0	15♏13	17°Y 2	F 1
S 2	14 42 13	12°16'16	19°53	21° 1	26°Y10	18♌40	14♏25	27°19	8°26	24°35	13°58	2♌23	1°57	15°20	17° 6	S 2
S 3	14 46 9	13°14'32	2♏41	23° 6	25°45	18°23	14°17	27°25	8°28	24°36	13°58	2°23	1°54	15°27	17° 9	S 3
M 4	14 50 6	14°12'46	15°51	25° 9	25°23	18° 6	14° 9	27°31	8°30	24°37	13°59	2°24	1°51	15°33	17°12	M 4
T 5	14 54 3	15°10'58	29°28	27°11	25° 4	17°50	14° 2	27°37	8°31	24°38	14° 0	2°25	1°48	15°40	17°15	T 5
W 6	14 57 59	16° 9'08	13♌31	29°10	24°46	17°35	13°54	27°43	8°33	24°38	14° 1	2°26	1°44	15°47	17°19	W 6
T 7	15 1 56	17° 7'17	27°59	1♏ 7	24°31	17°20	13°46	27°48	8°35	24°39	14° 2	2°R27	1°41	15°53	17°22	T 7
F 8	15 5 52	18° 5'23	12♏47	3° 1	24°19	17° 6	13°39	27°54	8°37	24°40	14° 3	2°27	1°38	16° 0	17°25	F 8
S 9	15 9 49	19° 3'28	27°49	4°53	24° 8	16°52	13°31	28° 0	8°38	24°40	14° 4	2°26	1°35	16° 7	17°28	S 9
S 10	15 13 45	20° 1'31	12♏55	6°41	24° 1	16°40	13°24	28° 5	8°40	24°41	14° 5	2°24	1°32	16°13	17°32	S 10
M 11	15 17 42	20°59'33	27°57	8°26	23°55	16°28	13°16	28°11	8°42	24°41	14° 6	2°22	1°29	16°20	17°35	M 11
T 12	15 21 38	21°57'33	12♌46	10° 8	23°52	16°17	13° 9	28°16	8°43	24°42	14° 7	2°19	1°25	16°27	17°38	T 12
W 13	15 25 35	22°55'32	27°16	11°47	23°D52	16° 7	13° 1	28°21	8°45	24°42	14° 8	2°17	1°22	16°33	17°41	W 13
T 14	15 29 32	23°53'30	11♏33	13°22	23°54	15°57	12°54	28°26	8°46	24°43	14° 9	2°16	1°19	16°40	17°44	T 14
F 15	15 33 28	24°51'26	25° 5	14°53	23°58	15°49	12°46	28°32	8°47	24°43	14°10	2°D15	1°16	16°47	17°47	F 15
S 16	15 37 25	25°49'21	8♏24	16°21	24° 4	15°41	12°39	28°37	8°49	24°44	14°11	2°16	1°13	16°53	17°50	S 16
S 17	15 41 21	26°47'15	21°22	17°45	24°13	15°34	12°32	28°42	8°50	24°44	14°12	2°17	1° 9	17° 0	17°53	S 17
M 18	15 45 18	27°45'08	4°Y 1	19° 6	24°24	15°27	12°24	28°47	8°51	24°44	14°13	2°19	1° 6	17° 7	17°56	M 18
T 19	15 49 14	28°42'59	16°26	20°22	24°37	15°22	12°17	28°52	8°53	24°45	14°14	2°20	1° 3	17°14	17°59	T 19
W 20	15 53 11	29°40'49	28°38	21°35	24°52	15°17	12°10	28°57	8°54	24°45	14°15	2°R21	1° 0	17°20	18° 2	W 20
T 21	15 57 7	0♏38'38	10♌41	22°43	25° 9	15°13	12° 3	29° 1	8°55	24°45	14°16	2°21	0°57	17°27	18° 5	T 21
F 22	16 1 4	1°36'26	22°38	23°48	25°27	15°10	11°56	29° 6	8°56	24°45	14°18	2°19	0°54	17°34	18° 8	F 22
S 23	16 5 1	2°34'12	4♏31	24°49	25°48	15° 8	11°50	29°11	8°57	24°45	14°19	2°16	0°50	17°40	18°10	S 23
S 24	16 8 57	3°31'57	16°21	25°45	26°10	15° 7	11°43	29°15	8°58	24°45	14°20	2°12	0°47	17°47	18°13	S 24
M 25	16 12 54	4°29'41	28°11	26°38	26°34	15°D 6	11°36	29°20	8°59	24°45	14°21	2° 6	0°44	17°54	18°16	M 25
T 26	16 16 50	5°27'23	10♌2	27°26	27° 0	15° 6	11°30	29°24	9° 0	24°46	14°22	2° 0	0°41	18° 0	18°19	T 26
W 27	16 20 47	6°25'04	21°58	28°10	27°27	15° 7	11°23	29°28	9° 1	24°R46	14°24	1°54	0°38	18° 7	18°21	W 27
T 28	16 24 43	7°22'43	4♏0	28°49	27°56	15° 9	11°17	29°33	9° 1	24°45	14°25	1°49	0°35	18°14	18°24	T 28
F 29	16 28 40	8°20'21	16°12	29°24	28°26	15°11	11°11	29°37	9° 2	24°45	14°26	1°46	0°31	18°20	18°26	F 29
S 30	16 32 37	9°17'57	28°38	29°54	28°58	15°14	11° 5	29°41	9° 3	24°45	14°27	1°43	0°28	18°27	18°29	S 30
S 31	16 36 33	10♏15'32	11♏21	0♏20	29°Y31	15♌18	10♏59	29♏45	9♏ 3	24♏45	14♏29	1°D43	0♏25	18♏34	18°Y31	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	15n12	23n29	5n16	18n 6	0n42	14n12	4n15	6s 3	1n29	14s54	1n21	2s54	1s58	9s 7	0s45	F 1
S 2	15 30	19 37	5 2	18 50	0 52	13 49	4 0	5 59	1 26	14 51	1 21	2 52	1 58	9 6	0 45	S 2
S 3	15 48	14 46	4 34	19 32	1 2	13 27	3 46	5 55	1 23	14 49	1 21	2 50	1 58	9 5	0 45	S 3
M 4	16 5	9 7	3 50	20 12	1 12	13 6	3 31	5 51	1 21	14 47	1 21	2 48	1 58	9 4	0 45	M 4
T 5	16 23	2 51	2 53	20 50	1 22	12 45	3 17	5 47	1 18	14 45	1 21	2 45	1 58	9 4	0 45	T 5
W 6	16 39	3s45	1 43	21 26	1 31	12 25	3 3	5 44	1 15	14 43	1 21	2 43	1 59	9 3	0 45	W 6
T 7	16 56	10 22	0 25	21 59	1 39	12 6	2 48	5 41	1 13	14 40	1 21	2 41	1 59	9 3	0 45	T 7
F 8	17 12	16 34	0s57	22 30	1 47	11 48	2 34	5 38	1 10	14 38	1 21	2 39	1 59	9 2	0 45	F 8
S 9	17 28	21 52	2 16	22 58	1 54	11 32	2 20	5 35	1 8	14 36	1 21	2 37	1 59	9 1	0 45	S 9
S 10	17 44	25 43	3 25	23 24	2 1	11 16	2 6	5 33	1 5	14 34	1 20	2 35	1 59	9 1	0 45	S 10
M 11	17 59	27 45	4 20	23 47	2 7	11 1	1 53	5 31	1 2	14 32	1 20	2 33	1 59	9 0	0 45	M 11
T 12	18 14	27 44	4 57	24 7	2 12	10 48	1 40	5 29	1 0	14 30	1 20	2 31	2 0	9 0	0 45	T 12
W 13	18 29	25 49	5 14	24 26	2 16	10 36	1 27	5 27	0 57	14 27	1 20	2 29	2 0	8 59	0 45	W 13
T 14	18 44	22 20	5 11	24 41	2 19	10 25	1 14	5 26	0 55	14 25	1 20	2 27	2 0	8 59	0 45	T 14
F 15	18 58	17 42	4 51	24 55	2 22	10 15	1 1	5 25	0 52	14 23	1 20	2 25	2 0	8 58	0 45	F 15
S 16	19 12	12 21	4 15	25 6	2 24	10 6	0 49	5 24	0 50	14 21	1 20	2 24	2 0	8 58	0 45	S 16
S 17	19 25	6 35	3 27	25 15	2 24	9 58	0 38	5 24	0 47	14 19	1 20	2 22	2 1	8 57	0 45	S 17
M 18	19 39	0 41	2 30	25 22	2 24	9 51	0 26	5 24	0 45	14 17	1 20	2 20	2 1	8 57	0 46	M 18
T 19	19 51	5n 7	1 26	25 27	2 23	9 46	0 15	5 24	0 42	14 15	1 19	2 18	2 1	8 56	0 46	T 19
W 20	20 4	10 40	0 20	25 30	2 22	9 41	0 4	5 24	0 40	14 13	1 19	2 17	2 1	8 56	0 46	W 20
T 21	20 16	15 44	0n46	25 32	2 19	9 38	0s 6	5 25	0 37	14 11	1 19	2 15	2 2	8 56	0 46	T 21
F 22	20 28	20 10	1 49	25 31	2 15	9 35	0 16	5 26	0 35	14 9	1 19	2 13	2 2	8 55	0 46	F 22
S 23	20 39	23 46	2 47	25 29	2 10	9 34	0 26	5 27	0 32	14 7	1 19	2 12	2 2	8 55	0 46	S 23
S 24	20 51	26 20	3 38	25 26	2 5	9 33	0 35	5 29	0 30	14 5	1 19	2 10	2 2	8 55	0 46	S 24
M 25	21 1	27 43	4 19	25 21	1 58	9 33	0 44	5 31	0 28	14 3	1 18	2 8	2 2	8 54	0 46	M 25
T 26	21 12	27 50	4 49	25 14	1 51	9 34	0 53	5 33	0 26	14 2	1 18	2 7	2 3	8 54	0 46	T 26
W 27	21 22	26 40	5 6	25 7	1 42	9 36	1 1	5 36	0 23	14 0	1 18	2 5	2 3	8 54	0 46	W 27
T 28	21 31	24 16	5 11	24 58	1 33	9 39	1 9	5 38	0 21	13 58	1 18	2 4	2 3	8 53	0 46	T 28
F 29	21 41	20 45	5 1	24 48	1 23	9 42	1 17	5 41	0 19	13 56	1 18	2 2	2 3	8 53	0 46	F 29
S 30	21 50	16 16	4 38	24 37	1 12	9 47	1 25	5 44	0 17	13 55	1 18	2 1	2 4	8 53	0 46	S 30
S 31	21n58	11n 0	4n 0	24n25	1n 0	9n52	1s32	5s48	0n15	13s53	1n17	2s 0	2s 4	8s53	0s46	S 31

Julian Day Number = 2514487.5, Delta T = 138.33 sec
Ecliptic obliquity = 23°25'09, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°08'54, Lahiri = 26°15'55

ASTRODIENST EPHEMERIS for the year 2172
geocentric

JUNE 2172

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 40 30	11 ^{II} 13'06	24 ^{III} 26	0 ^{III} 41	0 ^{III} 5	15 ^{III} 23	10 ^{III} R53	29 ^{III} 49	9 ^{III} 4	24 ^{III} R45	14 ^{III} 30	1 ^{III} 43	0 ^{III} 22	18 ^{III} 40	18 ^{III} 34	M 1
T 2	16 44 26	12 ^{II} 10'38	7 ^{II} 55	0 ^{II} 58	0 ^{II} 41	15 ^{II} 28	10 ^{II} M48	29 ^{II} 53	9 ^{II} 5	24 ^{II} 45	14 ^{II} 31	1 ^{II} 45	0 ^{II} 19	18 ^{II} 47	18 ^{II} 36	T 2
W 3	16 48 23	13 ^I 8'09	21 ^I 51	1 ^I 10	1 ^I 18	15 ^I 34	10 ^I 42	29 ^I 56	9 ^I 5	24 ^I 45	14 ^I 33	1 ^I 46	0 ^I 15	18 ^I 54	18 ^I 39	W 3
T 4	16 52 19	14 ^I 5'38	6 ^{II} 14	1 ^I 17	1 ^I 56	15 ^I 41	10 ^I 37	29 ^I 59	9 ^I 6	24 ^I 44	14 ^I 34	1 ^I R46	0 ^I 12	19 ^I 1	18 ^I 41	T 4
F 5	16 56 16	15 ^I 3'06	21 ^I 1	1 ^I R19	2 ^I 35	15 ^I 49	10 ^I 31	0 ^I Y4	9 ^I 6	24 ^I 44	14 ^I 35	1 ^I 45	0 ^I 9	19 ^I 7	18 ^I 44	F 5
S 6	17 0 12	16 ^I 0'34	6 ^{II} 7	1 ^I 17	3 ^I 15	15 ^I 57	10 ^I 26	0 ^I 7	9 ^I 6	24 ^I 44	14 ^I 37	1 ^I 42	0 ^I 6	19 ^I 14	18 ^I 46	S 6
S 7	17 4 9	16 ^I 58'00	21 ^I 23	1 ^I 11	3 ^I 56	16 ^I 5	10 ^I 21	0 ^I 10	9 ^I 7	24 ^I 44	14 ^I 38	1 ^I 36	0 ^I 3	19 ^I 21	18 ^I 48	S 7
M 8	17 8 6	17 ^I 55'25	6 ^{II} 38	1 ^I 0	4 ^I 38	16 ^I 15	10 ^I 16	0 ^I 14	9 ^I 7	24 ^I 43	14 ^I 39	1 ^I 30	29 ^I Y59	19 ^I 27	18 ^I 50	M 8
T 9	17 12 2	18 ^I 52'50	21 ^I 43	0 ^I 45	5 ^I 22	16 ^I 25	10 ^I 12	0 ^I 17	9 ^I 7	24 ^I 43	14 ^I 41	1 ^I 23	29 ^I 56	19 ^I 34	18 ^I 52	T 9
W10	17 15 59	19 ^I 50'14	6 ^{II} 28	0 ^I 27	6 ^I 6	16 ^I 36	10 ^I 7	0 ^I 20	9 ^I 7	24 ^I 42	14 ^I 42	1 ^I 17	29 ^I 53	19 ^I 41	18 ^I 55	W10
T 11	17 19 55	20 ^I 47'37	20 ^I 46	0 ^I 5	6 ^I 51	16 ^I 47	10 ^I 3	0 ^I 23	9 ^I 7	24 ^I 42	14 ^I 44	1 ^I 12	29 ^I 50	19 ^I 47	18 ^I 57	T 11
F 12	17 23 52	21 ^I 45'00	4 ^{II} 36	29 ^{II} 40	7 ^I 37	16 ^I 59	9 ^I 59	0 ^I 26	9 ^I 7	24 ^I 41	14 ^I 45	1 ^I 8	29 ^I 47	19 ^I 54	18 ^I 59	F 12
S 13	17 27 48	22 ^I 42'22	17 ^I 58	29 ^I 12	8 ^I 23	17 ^I 12	9 ^I 55	0 ^I 29	9 ^I R7	24 ^I 41	14 ^I 46	1 ^I D7	29 ^I 44	20 ^I 1	19 ^I 1	S 13
S 14	17 31 45	23 ^I 39'43	0 ^I Y54	28 ^I 41	9 ^I 11	17 ^I 25	9 ^I 51	0 ^I 32	9 ^I 7	24 ^I 40	14 ^I 48	1 ^I 7	29 ^I 41	20 ^I 7	19 ^I 3	S 14
M15	17 35 41	24 ^I 37'04	13 ^I 28	28 ^I 10	9 ^I 59	17 ^I 38	9 ^I 47	0 ^I 34	9 ^I 7	24 ^I 40	14 ^I 49	1 ^I 8	29 ^I 37	20 ^I 14	19 ^I 5	M15
T 16	17 39 38	25 ^I 34'25	25 ^I 45	27 ^I 36	10 ^I 48	17 ^I 53	9 ^I 43	0 ^I 37	9 ^I 7	24 ^I 39	14 ^I 51	1 ^I R9	29 ^I 34	20 ^I 21	19 ^I 6	T 16
W17	17 43 35	26 ^I 31'45	7 ^{II} 49	27 ^I 3	11 ^I 38	18 ^I 7	9 ^I 40	0 ^I 40	9 ^I 7	24 ^I 38	14 ^I 52	1 ^I 9	29 ^I 31	20 ^I 28	19 ^I 8	W17
T 18	17 47 31	27 ^I 29'05	19 ^I 44	26 ^I 29	12 ^I 28	18 ^I 23	9 ^I 37	0 ^I 42	9 ^I 7	24 ^I 38	14 ^I 54	1 ^I 7	29 ^I 28	20 ^I 34	19 ^I 10	T 18
F 19	17 51 28	28 ^I 26'24	1 ^{II} 35	25 ^I 55	13 ^I 19	18 ^I 39	9 ^I 34	0 ^I 44	9 ^I 6	24 ^I 37	14 ^I 55	1 ^I 3	29 ^I 25	20 ^I 41	19 ^I 12	F 19
S 20	17 55 24	29 ^I 23'43	13 ^I 24	25 ^I 23	14 ^I 11	18 ^I 55	9 ^I 31	0 ^I 47	9 ^I 6	24 ^I 36	14 ^I 57	0 ^I 56	29 ^I 21	20 ^I 48	19 ^I 13	S 20
S 21	17 59 21	0 ^{II} 21'02	25 ^I 14	24 ^I 52	15 ^I 3	19 ^I 12	9 ^I 28	0 ^I 49	9 ^I 6	24 ^I 36	14 ^I 58	0 ^I 47	29 ^I 18	20 ^I 54	19 ^I 15	S 21
M22	18 3 17	1 ^I 18'20	7 ^{II} 6	24 ^I 24	15 ^I 56	19 ^I 30	9 ^I 26	0 ^I 51	9 ^I 5	24 ^I 35	14 ^I 59	0 ^I 36	29 ^I 15	21 ^I 1	19 ^I 17	M22
T 23	18 7 14	2 ^I 15'37	19 ^I 3	23 ^I 58	16 ^I 49	19 ^I 48	9 ^I 23	0 ^I 53	9 ^I 5	24 ^I 34	15 ^I 1	0 ^I 25	29 ^I 12	21 ^I 8	19 ^I 18	T 23
W24	18 11 10	3 ^I 12'54	1 ^{II} 4	23 ^I 35	17 ^I 43	20 ^I 6	9 ^I 21	0 ^I 54	9 ^I 4	24 ^I 33	15 ^I 2	0 ^I 14	29 ^I 9	21 ^I 14	19 ^I 20	W24
T 25	18 15 7	4 ^I 10'11	13 ^I 13	23 ^I 16	18 ^I 38	20 ^I 25	9 ^I 19	0 ^I 56	9 ^I 4	24 ^I 32	15 ^I 4	0 ^I 3	29 ^I 6	21 ^I 21	19 ^I 21	T 25
F 26	18 19 4	5 ^I 7'26	25 ^I 31	23 ^I 1	19 ^I 32	20 ^I 44	9 ^I 17	0 ^I 58	9 ^I 3	24 ^I 31	15 ^I 5	29 ^I Y55	29 ^I 2	21 ^I 28	19 ^I 22	F 26
S 27	18 23 0	6 ^I 4'42	8 ^{II} 1	22 ^I 49	20 ^I 28	21 ^I 4	9 ^I 15	0 ^I 59	9 ^I 3	24 ^I 30	15 ^I 7	29 ^I 49	28 ^I 59	21 ^I 35	19 ^I 24	S 27
S 28	18 26 57	7 ^I 1'56	20 ^I 45	22 ^I 42	21 ^I 24	21 ^I 25	9 ^I 14	1 ^I 1	9 ^I 2	24 ^I 29	15 ^I 8	29 ^I 46	28 ^I 56	21 ^I 41	19 ^I 25	S 28
M29	18 30 53	7 ^I 59'10	3 ^{II} 47	22 ^I D39	22 ^I 20	21 ^I 46	9 ^I 13	1 ^I 2	9 ^I 1	24 ^I 28	15 ^I 10	29 ^I D45	28 ^I 53	21 ^I 48	19 ^I 26	M29
T 30	18 34 50	8 ^{II} 56'24	17 ^I 10	22 ^{II} 41	23 ^I 17	22 ^I 7	9 ^{II} 12	1 ^I Y3	9 ^{II} 0	24 ^{II} 27	15 ^{II} 12	29 ^I Y45	28 ^I Y50	21 ^{II} 55	19 ^I Y28	T 30

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	22n 6	5n 6	3n 9	24n12	0n47	9n57	1s39	5s52	0n12	13s51	1n17	1s58	2s 4	8s53	0s46	13s32	0s17	20n25	2s13	12n 4	11n35	26n46	8n54	1n45	
T 2	22 14	1s13	2 6	23 58	0 33	10 3	1 45	5 56	0 10	13 50	1 17	1 57	2 4	8 52	0 46	13 32	0 17	20 25	2 13	12 4	11 34	26 47	8 54	1 45	
W 3	22 21	7 41	0 54	23 44	0 19	10 10	1 51	6 0	0 8	13 48	1 17	1 56	2 5	8 52	0 46	13 32	0 17	20 25	2 13	12 5	11 33	26 48	8 55	1 45	
T 4	22 28	13 58	0s24	23 29	0 4	10 18	1 57	6 4	0 6	13 47	1 17	1 55	2 5	8 52	0 46	13 32	0 17	20 25	2 13	12 5	11 32	26 50	8 56	1 45	
F 5	22 35	19 38	1 42	23 13	0s12	10 26	2 3	6 9	0 4	13 45	1 16	1 53	2 5	8 52	0 46	13 32	0 17	20 25	2 13	12 4	11 31	26 51	8 57	1 45	
S 6	22 41	24 11	2 55	22 57	0 28	10 34	2 9	6 14	0 2	13 44	1 16	1 52	2 5	8 52	0 46	13 32	0 17	20 25	2 13	12 3	11 30	26 52	8 58	1 45	
S 7	22 47	27 4	3 56	22 41	0 44	10 43	2 14	6 19	0 0	13 43	1 16	1 51	2 6	8 52	0 46	13 32	0 17	20 25	2 13	12 1	11 29	26 53	8 59	1 45	
M 8	22 52	27 54	4 40	22 24	1 1	10 53	2 19	6 25	0s 2	13 41	1 16	1 50	2 6	8 52	0 46	13 32	0 17	20 25	2 13	11 59	11 28	26 54	9 0	1 45	
T 9	22 57	26 40	5 3	22 7	1 18	11 3	2 23	6 30	0 3	13 40	1 15	1 49	2 6	8 52	0 46	13 33	0 17	20 25	2 13	11 57	11 26	26 55	9 1	1 45	
W10	23 2	23 35	5 7	21 49	1 36	11 13	2 28	6 36	0 5	13 39	1 15	1 48	2 6	8 52	0 46	13 33	0 17	20 25	2 13	11 55	11 25	26 56	9 1	1 45	
T 11	23 6	19 8	4 50	21 32	1 53	11 24	2 32	6 42	0 7	13 38	1 15	1 47	2 7	8 52	0 46	13 33	0 17	20 25	2 13	11 53	11 24	26 57	9 2	1 45	
F 12	23 10	13 48	4 17	21 15	2 10	11 35	2 36	6 48	0 9	13 37	1 15	1 46	2 7	8 52	0 47	13 33	0 17	20 24	2 13	11 52	11 23	26 59	9 3	1 45	
S 13	23 13	7 59	3 31	20 58	2 27	11 46	2 39	6 55	0 11	13 36	1 14	1 45	2 7	8 52	0 47	13 33	0 17	20 24	2 13	11 51	11 22	27 0	9 4	1 45	
S 14	23 16	2 1	2 35	20 42	2 43	11 58	2 43	7 1	0 12	13 35	1 14	1 44	2 7	8 52	0 47	13 34	0 17	20 24	2 12	11 51	11 21	27 1	9 5	1 45	
M15	23 19	3n52	1 34	20 26	2 58	12 10	2 46	7 8	0 14	13 34	1 14	1 43	2 8	8 52	0 47	13 34	0 17	20 24	2 12	11 51	11 20	27 2	9 5	1 45	
T 16	23 21	9 29	0 29	20 11	3 13	12 23	2 49	7 15	0 16	13 33	1 14	1 43	2 8	8 52	0 47	13 34	0 17	20 24	2 12	11 52	11 19	27 3	9 6	1 45	
W17	23 22	14 40	0n36	19 56	3 27	12 35	2 52	7 22	0 17	13 32	1 14	1 42	2 8	8 52	0 47	13 34	0 17	20 24	2 12	11 52	11 18	27 4	9 7	1 45	
T 18	23 24	19 14	1 38	19 42	3 40	12 48	2 54	7 30	0 19	13 31	1 13	1 41	2 8	8 52	0 47	13 34	0 17	20 24	2 12	11 51	11 16	27 5	9 7	1 45	
F 19	23 25	23 0	2 36	19 30	3 52	13 1	2 57	7 37	0 21	13 30	1 13	1 40	2 9	8 52	0 47	13 35	0 17	20 24	2 12	11 50	11 15	27 6	9 8	1 45	
S 20	23 25	25 48	3 26	19 19	4 2	13 14	2 59	7 45	0 22	13 30	1 13	1 40	2 9	8 52	0 47	13 35	0 17	20 24	2 12	11 47	11 14	27 7	9 9	1 45	
S 21	23 25	27 27	4 7	19 8	4 11	13 27	3 1	7 53	0 24	13 29	1 13	1 39	2 9	8 53	0 47	13 35	0 17	20 24	2 12	11 44	11 13	27 8	9 9	1 45	
M22	23 25	27 52	4 38	19 0	4 19	13 41	3 3	8 1	0 25	13 29	1 12	1 39	2 9	8 53	0 47	13 36	0 17	20 24	2 12	11 40	11 12	27 9	9 10	1 46	
T 23	23 24	26 58	4 57	18 52	4 25	13 54	3 4	8 9	0 27	13 28	1 12	1 38	2 10	8 53	0 47	13 36	0 17	20 23	2 12	11 36	11 11	27 10	9 11	1 46	
W24	23 23	24 50	5 3	18 47	4 29	14 8	3 6	8 17	0 28	13 28	1 12	1 38	2 10	8 53	0 47	13 36	0 17	20 23	2 12	11 33	11 10	27 11	9 11	1 46	
T 25	23 21	21 33	4 55	18 42	4 33	14 21	3 7	8 26	0 30	13 27	1 12	1 37	2 10	8 53	0 47	13 36	0 18	20 23	2 12	11 29	11 9	27 12	9 12	1 46	
F 26	23 19	17 18	4 34	18 40	4 35	14 35	3 8	8 34	0 31	13 27	1 11	1 37	2 10	8 54	0 47	13 37	0 18	20 23	2 12	11 26	11 7	27 13	9 12	1 46	
S 27	23 17	12 15	3 59	18 39	4 35	14 49	3 9	8 43	0 33	13 27	1 11	1 36	2 11	8 54	0 47	13 37	0 18	20 23	2 12	11 24	11 6	27 14	9 13	1 46	
S 28	23 14	6 36	3 12	18 39	4 34	15 3	3 10	8 52	0 34	13 26	1 11	1 36	2 11	8 54	0 47	13 37	0 18	20 23	2 11	11 23	11 5	27 15	9 13	1 46	
M29	23 11	0 32	2 13	18 41	4 32	15 16	3 10	9 1	0 35	13 26	1 10	1 36	2 11	8 55	0 47	13 38	0 18	20 23	2 11	11 22	11 4	27 16	9 14	1 46	
T 30	23n 7	5s43	1n 6	18n45	4s29	15n30	3s11	9s10	0s37	13s26	1n10	1s35	2s12	8s55	0s47	13s38	0s18	20n23	2s11	11n23	11n 3	27n17	9n14	1n46	

ASTRODIENST EPHEMERIS for the year 2172
geocentric

JULY 2172

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 38 46	95°53'37	0m56	22II48	24814	2228	9°R11	1°Y 5	8°R59	24°R26	15°S13	29°R45	28°Y47	22II 1	19°Y29	W 1
T 2	18 42 43	10°50'49	15° 7	23° 0	25°12	22°50	9m10	1° 6	8°X59	24°25	15°15	29°Y45	28°43	22° 8	19°30	T 2
F 3	18 46 39	11°48'01	29°43	23°16	26°10	23°13	9° 9	1° 7	8°58	24°24	15°16	29°42	28°40	22°15	19°31	F 3
S 4	18 50 36	12°45'13	14°39	23°38	27° 8	23°36	9° 9	1° 7	8°57	24°23	15°18	29°37	28°37	22°21	19°32	S 4
S 5	18 54 33	13°42'25	29°48	24° 4	28° 7	23°59	9° 9	1° 8	8°56	24°22	15°19	29°29	28°34	22°28	19°33	S 5
M 6	18 58 29	14°39'36	15° 2	24°35	29° 6	24°23	9°D 9	1° 9	8°55	24°21	15°21	29°19	28°31	22°35	19°34	M 6
T 7	19 2 26	15°36'48	0° 9	25°11	0II 5	24°47	9° 9	1° 9	8°54	24°20	15°22	29° 9	28°28	22°41	19°35	T 7
W 8	19 6 22	16°33'59	14°59	25°52	1° 5	25°11	9° 9	1°10	8°52	24°19	15°24	28°59	28°24	22°48	19°35	W 8
T 9	19 10 19	17°31'11	29°24	26°38	2° 5	25°36	9°10	1°10	8°51	24°17	15°25	28°50	28°21	22°55	19°36	T 9
F 10	19 14 15	18°28'22	13°20	27°28	3° 6	26° 1	9°10	1°10	8°50	24°16	15°27	28°44	28°18	23° 2	19°37	F 10
S 11	19 18 12	19°25'34	26°47	28°23	4° 7	26°27	9°11	1°10	8°49	24°15	15°28	28°41	28°15	23° 8	19°37	S 11
S 12	19 22 9	20°22'47	9°Y46	29°23	5° 8	26°52	9°12	1°R11	8°47	24°14	15°30	28°39	28°12	23°15	19°38	S 12
M13	19 26 5	21°20'00	22°21	0°27	6° 9	27°19	9°14	1°10	8°46	24°12	15°31	28°39	28° 8	23°22	19°38	M13
T 14	19 30 2	22°17'13	4°37	1°35	7°11	27°45	9°15	1°10	8°45	24°11	15°33	28°39	28° 5	23°28	19°39	T 14
W15	19 33 58	23°14'27	16°39	2°48	8°13	28°12	9°17	1°10	8°43	24°10	15°34	28°38	28° 2	23°35	19°39	W15
T 16	19 37 55	24°11'41	28°33	4° 6	9°15	28°39	9°18	1°10	8°42	24° 8	15°36	28°35	27°59	23°42	19°40	T 16
F 17	19 41 51	25° 8'56	10°II22	5°27	10°18	29° 6	9°20	1° 9	8°40	24° 7	15°37	28°30	27°56	23°48	19°40	F 17
S 18	19 45 48	26° 6'11	22°11	6°53	11°21	29°34	9°22	1° 9	8°39	24° 6	15°39	28°22	27°53	23°55	19°40	S 18
S 19	19 49 44	27° 3'27	4°S 3	8°23	12°24	0m 2	9°25	1° 8	8°37	24° 4	15°40	28°11	27°49	24° 2	19°41	S 19
M20	19 53 41	28° 0'44	16° 0	9°57	13°27	0°31	9°27	1° 7	8°36	24° 3	15°42	27°58	27°46	24° 9	19°41	M20
T 21	19 57 38	28°58'01	28° 4	11°34	14°31	0°59	9°30	1° 6	8°34	24° 1	15°43	27°45	27°43	24°15	19°41	T 21
W22	20 1 34	29°55'18	10°II17	13°16	15°34	1°28	9°33	1° 5	8°32	24° 0	15°45	27°31	27°40	24°22	19°R41	W22
T 23	20 5 31	0°L52'36	22°37	15° 1	16°38	1°57	9°35	1° 4	8°31	23°59	15°46	27°19	27°37	24°29	19°41	T 23
F 24	20 9 27	1°49'54	5°m 8	16°49	17°42	2°27	9°39	1° 3	8°29	23°57	15°48	27° 9	27°33	24°35	19°41	F 24
S 25	20 13 24	2°47'12	17°49	18°40	18°47	2°57	9°42	1° 2	8°27	23°56	15°49	27° 1	27°30	24°42	19°41	S 25
S 26	20 17 20	3°44'31	0°L42	20°34	19°51	3°27	9°45	1° 1	8°25	23°54	15°51	26°57	27°27	24°49	19°41	S 26
M27	20 21 17	4°41'50	13°49	22°31	20°56	3°57	9°49	0°59	8°23	23°53	15°52	26°55	27°24	24°55	19°40	M27
T 28	20 25 13	5°39'09	27°12	24°30	22° 1	4°28	9°53	0°58	8°22	23°51	15°54	26°D55	27°21	25° 2	19°40	T 28
W29	20 29 10	6°36'29	10°m54	26°31	23° 6	4°59	9°57	0°56	8°20	23°49	15°55	26°R55	27°18	25° 9	19°40	W29
T 30	20 33 7	7°33'49	24°55	28°34	24°12	5°30	10° 1	0°54	8°18	23°48	15°57	26°54	27°14	25°16	19°39	T 30
F 31	20 37 3	8°31'10	9°X16	0°L38	25°II17	6m 1	10m 5	0°Y52	8°X16	23°46	15°58	26°Y51	27°Y11	25°II22	19°Y39	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	23n 3	11s53	0s 6	18n50	4s24	15n44	3s11	9s20	0s38	13s26	1n10	1s35	2s12	8s55	0s47	13s38
T 2	22 59	17 39	1 21	18 56	4 19	15 57	3 11	9 29	0 39	13 26	1 10	1 35	2 12	8 56	0 47	13 39
F 3	22 54	22 33	2 32	19 3	4 12	16 11	3 11	9 39	0 41	13 26	1 9	1 35	2 12	8 56	0 47	13 39
S 4	22 48	26 5	3 34	19 12	4 4	16 24	3 11	9 48	0 42	13 26	1 9	1 35	2 13	8 56	0 47	13 40
S 5	22 43	27 47	4 22	19 21	3 56	16 38	3 11	9 58	0 43	13 27	1 9	1 35	2 13	8 57	0 47	13 40
M 6	22 37	27 24	4 52	19 32	3 47	16 51	3 10	10 8	0 44	13 27	1 9	1 35	2 13	8 57	0 47	13 40
T 7	22 30	25 0	5 1	19 43	3 37	17 4	3 10	10 18	0 45	13 27	1 8	1 35	2 13	8 58	0 47	13 41
W 8	22 24	20 56	4 50	19 55	3 26	17 17	3 9	10 28	0 47	13 27	1 8	1 35	2 14	8 58	0 47	13 41
T 9	22 16	15 44	4 20	20 7	3 15	17 29	3 8	10 38	0 48	13 28	1 8	1 35	2 14	8 59	0 48	13 42
F 10	22 9	9 51	3 35	20 20	3 4	17 42	3 7	10 48	0 49	13 28	1 8	1 35	2 14	8 59	0 48	13 42
S 11	22 1	3 44	2 40	20 33	2 51	17 54	3 6	10 58	0 50	13 29	1 7	1 35	2 14	9 0	0 48	13 42
S 12	21 52	2n22	1 38	20 46	2 39	18 6	3 5	11 9	0 51	13 29	1 7	1 36	2 15	9 0	0 48	13 43
M13	21 44	8 11	0 33	20 59	2 26	18 18	3 3	11 19	0 52	13 30	1 7	1 36	2 15	9 1	0 48	13 43
T 14	21 35	13 33	0n32	21 12	2 13	18 30	3 2	11 30	0 53	13 31	1 6	1 36	2 15	9 1	0 48	13 44
W15	21 25	18 18	1 34	21 24	2 0	18 41	3 0	11 40	0 54	13 32	1 6	1 37	2 16	9 2	0 48	13 44
T 16	21 15	22 16	2 31	21 35	1 46	18 52	2 59	11 51	0 55	13 32	1 6	1 37	2 16	9 2	0 48	13 45
F 17	21 5	25 18	3 21	21 46	1 33	19 3	2 57	12 2	0 56	13 33	1 6	1 37	2 16	9 3	0 48	13 45
S 18	20 55	27 14	4 3	21 56	1 19	19 14	2 55	12 12	0 57	13 34	1 5	1 38	2 16	9 4	0 48	13 46
S 19	20 44	27 55	4 34	22 4	1 5	19 24	2 53	12 23	0 58	13 35	1 5	1 38	2 17	9 4	0 48	13 46
M20	20 33	27 19	4 53	22 11	0 52	19 34	2 51	12 34	0 59	13 36	1 5	1 39	2 17	9 5	0 48	13 47
T 21	20 21	25 25	5 0	22 16	0 39	19 43	2 49	12 45	1 0	13 37	1 5	1 39	2 17	9 5	0 48	13 47
W22	20 9	22 20	4 52	22 20	0 26	19 52	2 47	12 56	1 1	13 38	1 4	1 40	2 17	9 6	0 48	13 48
T 23	19 57	18 14	4 31	22 22	0 13	20 1	2 45	13 7	1 2	13 40	1 4	1 41	2 18	9 7	0 48	13 48
F 24	19 44	13 18	3 57	22 21	0 1	20 9	2 42	13 18	1 3	13 41	1 4	1 41	2 18	9 7	0 48	13 49
S 25	19 31	7 44	3 11	22 18	0n11	20 17	2 40	13 29	1 4	13 42	1 4	1 42	2 18	9 8	0 48	13 49
S 26	19 18	1 46	2 14	22 13	0 23	20 25	2 37	13 40	1 5	13 43	1 3	1 43	2 18	9 9	0 48	13 50
M27	19 4	4s24	1 9	22 5	0 33	20 32	2 35	13 51	1 6	13 45	1 3	1 44	2 19	9 10	0 48	13 50
T 28	18 51	10 30	0s 22	21 55	0 44	20 39	2 32	14 2	1 6	13 46	1 3	1 45	2 19	9 10	0 48	13 51
W29	18 36	16 15	1 13	21 42	0 53	20 45	2 29	14 14	1 7	13 48	1 3	1 46	2 19	9 11	0 48	13 51
T 30	18 22	21 17	2 22	21 26	1 2	20 51	2 27	14 25	1 8	13 49	1 2	1 46	2 19	9 12	0 48	13 52
F 31	18n 7	25s11	3s24	21n 8	1n10	20n57	2s24	14s36	1s 9	13s51	1n 2	1s47	2s20	9s13	0s48	13s52

Julian Day Number = 2514548.5, Delta T = 138.46 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'03, Lahiri = 26°16'03

ASTRODIENST EPHEMERIS for the year 2172
geocentric

AUGUST 2172

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 41 0	9♏28'32	23♊55	2♏43	26♏23	6♏33	10♏10	0°R50	8°R14	23°R45	15♎59	26°R46	27♏ 8	25♏29	19°R38	S 1
S 2	20 44 56	10°25'53	8♎46	4°48	27°29	7° 5	10°14	0°Y48	8♎12	23°≈43	16° 1	26°Y38	27° 5	25°36	19°Y38	S 2
M 3	20 48 53	11°23'16	23°43	6°54	28°35	7°37	10°19	0°46	8°10	23°42	16° 2	26°29	27° 2	25°42	19°37	M 3
T 4	20 52 49	12°20'39	8≈36	9° 0	29°41	8° 9	10°24	0°44	8° 8	23°40	16° 4	26°18	26°59	25°49	19°37	T 4
W 5	20 56 46	13°18'03	23°16	11° 6	0♎48	8°42	10°29	0°42	8° 6	23°38	16° 5	26° 8	26°55	25°56	19°36	W 5
T 6	21 0 42	14°15'28	7♎37	13°11	1°54	9°14	10°34	0°39	8° 3	23°37	16° 6	25°59	26°52	26° 2	19°35	T 6
F 7	21 4 39	15°12'54	21°32	15°15	3° 1	9°47	10°40	0°37	8° 1	23°35	16° 8	25°53	26°49	26° 9	19°34	F 7
S 8	21 8 36	16°10'21	5°Y 0	17°19	4° 8	10°21	10°45	0°34	7°59	23°34	16° 9	25°49	26°46	26°16	19°34	S 8
S 9	21 12 32	17° 7'49	18° 2	19°22	5°15	10°54	10°51	0°32	7°57	23°32	16°10	25°47	26°43	26°23	19°33	S 9
M10	21 16 29	18° 5'18	0♎39	21°23	6°22	11°28	10°57	0°29	7°55	23°30	16°12	25°D47	26°39	26°29	19°32	M10
T 11	21 20 25	19° 2'49	12°58	23°24	7°30	12° 2	11° 3	0°26	7°53	23°29	16°13	25°47	26°36	26°36	19°31	T 11
W12	21 24 22	20° 0'21	25° 2	25°23	8°37	12°36	11° 9	0°23	7°50	23°27	16°14	25°R47	26°33	26°43	19°30	W12
T 13	21 28 18	20°57'55	6♏56	27°21	9°45	13°10	11°15	0°20	7°48	23°26	16°16	25°46	26°30	26°49	19°29	T 13
F 14	21 32 15	21°55'30	18°47	29°17	10°53	13°44	11°22	0°17	7°46	23°24	16°17	25°43	26°27	26°56	19°27	F 14
S 15	21 36 11	22°53'06	0♎38	1♏12	12° 1	14°19	11°28	0°14	7°44	23°22	16°18	25°37	26°24	27° 3	19°26	S 15
S 16	21 40 8	23°50'44	12°33	3° 5	13° 9	14°54	11°35	0°11	7°41	23°21	16°19	25°29	26°20	27°10	19°25	S 16
M17	21 44 5	24°48'23	24°37	4°57	14°17	15°29	11°42	0° 8	7°39	23°19	16°21	25°19	26°17	27°16	19°24	M17
T 18	21 48 1	25°46'03	6♏50	6°48	15°26	16° 4	11°49	0° 4	7°37	23°17	16°22	25° 8	26°14	27°23	19°22	T 18
W19	21 51 58	26°43'45	19°14	8°37	16°34	16°39	11°56	0° 1	7°34	23°16	16°23	24°57	26°11	27°30	19°21	W19
T 20	21 55 54	27°41'28	1♏50	10°25	17°43	17°15	12° 3	29♎57	7°32	23°14	16°24	24°48	26° 8	27°36	19°20	T 20
F 21	21 59 51	28°39'12	14°38	12°11	18°51	17°51	12°10	29°54	7°30	23°12	16°26	24°40	26° 5	27°43	19°18	F 21
S 22	22 3 47	29°36'58	27°37	13°56	20° 0	18°27	12°18	29°50	7°27	23°11	16°27	24°34	26° 1	27°50	19°17	S 22
S 23	22 7 44	0♏34'45	10♏49	15°39	21° 9	19° 3	12°25	29°47	7°25	23° 9	16°28	24°31	25°58	27°56	19°15	S 23
M24	22 11 40	1°32'32	24°11	17°21	22°19	19°39	12°33	29°43	7°23	23° 8	16°29	24°D30	25°55	28° 3	19°13	M24
T 25	22 15 37	2°30'22	7♏46	19° 1	23°28	20°16	12°41	29°39	7°20	23° 6	16°30	24°31	25°52	28°10	19°12	T 25
W26	22 19 34	3°28'12	21°32	20°41	24°37	20°53	12°49	29°35	7°18	23° 4	16°31	24°32	25°49	28°17	19°10	W26
T 27	22 23 30	4°26'03	5♎32	22°18	25°47	21°29	12°57	29°31	7°15	23° 3	16°32	24°R32	25°45	28°23	19° 8	T 27
F 28	22 27 27	5°23'56	19°43	23°55	26°56	22° 7	13° 5	29°27	7°13	23° 1	16°33	24°31	25°42	28°30	19° 7	F 28
S 29	22 31 23	6°21'50	4♎ 5	25°30	28° 6	22°44	13°14	29°23	7°11	23° 0	16°35	24°29	25°39	28°37	19° 5	S 29
S 30	22 35 20	7°19'45	18°34	27° 4	29°16	23°21	13°22	29°19	7° 8	22°58	16°36	24°24	25°36	28°43	19° 3	S 30
M31	22 39 16	8♏17'42	3≈ 5	28♏36	0♏26	23♏59	13♏31	29♎15	7♎ 6	22≈56	16♎37	24°Y18	25°Y33	28♏50	19°Y 1	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	17n52	27s30	4s14	20n47	1n17	21n 1	2s21	14s47	1s10	13s52	1n 2	1s48	2s20	9s13	0s48	13s53
S 2	17 37	27 54	4 47	20 24	1 23	21 6	2 18	14 58	1 10	13 54	1 2	1 49	2 20	9 14	0 48	13 53
M 3	17 21	26 17	5 1	19 58	1 29	21 10	2 15	15 10	1 11	13 56	1 1	1 50	2 20	9 15	0 48	13 54
T 4	17 5	22 50	4 54	19 30	1 34	21 14	2 12	15 21	1 12	13 58	1 1	1 52	2 21	9 16	0 48	13 54
W 5	16 49	17 58	4 29	19 0	1 38	21 17	2 8	15 32	1 13	13 59	1 1	1 53	2 21	9 16	0 48	13 55
T 6	16 32	12 12	3 46	18 27	1 41	21 19	2 5	15 43	1 13	14 1	1 1	1 54	2 21	9 17	0 48	13 55
F 7	16 16	5 58	2 51	17 53	1 43	21 21	2 2	15 54	1 14	14 3	1 0	1 55	2 21	9 18	0 48	13 56
S 8	15 59	0n20	1 48	17 18	1 45	21 23	1 59	16 6	1 15	14 5	1 0	1 56	2 22	9 19	0 48	13 57
S 9	15 41	6 26	0 41	16 40	1 46	21 24	1 55	16 17	1 15	14 7	1 0	1 58	2 22	9 20	0 48	13 57
M10	15 24	12 6	0n26	16 2	1 46	21 24	1 52	16 28	1 16	14 9	1 0	1 59	2 22	9 21	0 48	13 58
T 11	15 6	17 9	1 30	15 22	1 45	21 24	1 49	16 39	1 17	14 11	0 59	2 0	2 22	9 21	0 48	13 58
W12	14 48	21 25	2 29	14 41	1 44	21 23	1 45	16 50	1 17	14 13	0 59	2 1	2 23	9 22	0 48	13 59
T 13	14 30	24 45	3 21	13 59	1 43	21 22	1 42	17 1	1 18	14 16	0 59	2 3	2 23	9 23	0 48	13 59
F 14	14 11	26 59	4 3	13 17	1 40	21 21	1 38	17 12	1 19	14 18	0 59	2 4	2 23	9 24	0 48	14 0
S 15	13 53	28 1	4 36	12 33	1 37	21 18	1 35	17 23	1 19	14 20	0 59	2 6	2 23	9 25	0 48	14 0
S 16	13 34	27 44	4 56	11 50	1 34	21 15	1 31	17 34	1 20	14 22	0 58	2 7	2 23	9 26	0 48	14 1
M17	13 15	26 10	5 4	11 5	1 30	21 12	1 28	17 45	1 20	14 25	0 58	2 9	2 24	9 27	0 48	14 1
T 18	12 55	23 21	4 57	10 20	1 26	21 8	1 24	17 55	1 21	14 27	0 58	2 10	2 24	9 27	0 48	14 2
W19	12 36	19 26	4 37	9 35	1 21	21 4	1 20	18 6	1 21	14 29	0 58	2 12	2 24	9 28	0 48	14 3
T 20	12 16	14 36	4 3	8 50	1 16	20 59	1 17	18 17	1 22	14 32	0 57	2 13	2 24	9 29	0 48	14 3
F 21	11 56	9 4	3 17	8 5	1 11	20 53	1 13	18 27	1 22	14 34	0 57	2 15	2 24	9 30	0 48	14 4
S 22	11 36	3 4	2 19	7 19	1 5	20 47	1 10	18 38	1 23	14 37	0 57	2 16	2 24	9 31	0 48	14 4
S 23	11 16	3s 9	1 13	6 34	0 59	20 40	1 6	18 48	1 24	14 39	0 57	2 18	2 25	9 32	0 48	14 5
M24	10 55	9 21	0 2	5 48	0 53	20 33	1 2	18 59	1 24	14 42	0 57	2 20	2 25	9 33	0 48	14 5
T 25	10 34	15 12	1s11	5 3	0 46	20 25	0 59	19 9	1 24	14 44	0 56	2 21	2 25	9 34	0 48	14 6
W26	10 14	20 23	2 20	4 18	0 39	20 17	0 55	19 19	1 25	14 47	0 56	2 23	2 25	9 34	0 48	14 6
T 27	9 53	24 32	3 22	3 33	0 32	20 8	0 51	19 30	1 25	14 50	0 56	2 25	2 25	9 35	0 48	14 7
F 28	9 31	27 14	4 13	2 48	0 25	19 58	0 48	19 40	1 26	14 52	0 56	2 27	2 25	9 36	0 48	14 7
S 29	9 10	28 10	4 49	2 3	0 17	19 48	0 44	19 50	1 26	14 55	0 55	2 28	2 26	9 37	0 48	14 8
S 30	8 49	27 11	5 6	1 19	0 10	19 38	0 41	20 0	1 27	14 58	0 55	2 30	2 26	9 38	0 48	14 8
M31	8n27	24s23	5s 4	0n35	0n 2	19n26	0s37	20s 9	1s27	15s 0	0n55	2s32	2s26	9s39	0s48	14s 9

Julian Day Number = 2514579.5, Delta T = 138.53 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'07, Lahiri = 26°16'07

ASTRODIENST EPHEMERIS for the year 2172
geocentric

SEPTEMBER 2172

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 43 13	9 ^h 15'40	17 ^h 33	0 ^h 7	1 ^h 236	24 ^h 36	13 ^h 40	29 ^h 11	7 ^h 3	22 ^h 55	16 ^h 38	24 ^h 11	25 ^h 30	28 ^h 57	18 ^h 59	T 1
W 2	22 47 9	10 ^h 13'39	1 ^h 52	1 ^h 37	2 ^h 46	25 ^h 14	13 ^h 48	29 ^h 7	7 ^h 1	22 ^h 53	16 ^h 39	24 ^h 4	25 ^h 26	29 ^h 4	18 ^h 57	W 2
T 3	22 51 6	11 ^h 11'40	15 ^h 55	3 ^h 6	3 ^h 56	25 ^h 52	13 ^h 57	29 ^h 2	6 ^h 59	22 ^h 52	16 ^h 40	23 ^h 58	25 ^h 23	29 ^h 10	18 ^h 55	T 3
F 4	22 55 3	12 ^h 9'42	29 ^h 38	4 ^h 33	5 ^h 6	26 ^h 30	14 ^h 6	28 ^h 58	6 ^h 56	22 ^h 50	16 ^h 41	23 ^h 54	25 ^h 20	29 ^h 17	18 ^h 53	F 4
S 5	22 58 59	13 ^h 7'46	12 ^h 59	5 ^h 58	6 ^h 17	27 ^h 8	14 ^h 16	28 ^h 54	6 ^h 54	22 ^h 49	16 ^h 42	23 ^h 51	25 ^h 17	29 ^h 24	18 ^h 51	S 5
S 6	23 2 56	14 ^h 5'52	25 ^h 57	7 ^h 23	7 ^h 28	27 ^h 47	14 ^h 25	28 ^h 49	6 ^h 52	22 ^h 47	16 ^h 42	23 ^h 51	25 ^h 14	29 ^h 30	18 ^h 49	S 6
M 7	23 6 52	15 ^h 4'00	8 ^h 35	8 ^h 45	8 ^h 38	28 ^h 25	14 ^h 34	28 ^h 45	6 ^h 49	22 ^h 46	16 ^h 43	23 ^h 52	25 ^h 11	29 ^h 37	18 ^h 47	M 7
T 8	23 10 49	16 ^h 2'10	20 ^h 55	10 ^h 7	9 ^h 49	29 ^h 4	14 ^h 44	28 ^h 40	6 ^h 47	22 ^h 44	16 ^h 44	23 ^h 53	25 ^h 7	29 ^h 44	18 ^h 44	T 8
W 9	23 14 45	17 ^h 0'21	3 ^h 0	11 ^h 27	11 ^h 0	29 ^h 43	14 ^h 53	28 ^h 36	6 ^h 44	22 ^h 43	16 ^h 45	23 ^h 55	25 ^h 4	29 ^h 50	18 ^h 42	W 9
T 10	23 18 42	17 ^h 58'35	14 ^h 57	12 ^h 45	12 ^h 11	0 ^h 22	15 ^h 3	28 ^h 31	6 ^h 42	22 ^h 41	16 ^h 46	23 ^h 56	25 ^h 1	29 ^h 57	18 ^h 40	T 10
F 11	23 22 38	18 ^h 56'51	26 ^h 49	14 ^h 2	13 ^h 22	1 ^h 1	15 ^h 13	28 ^h 27	6 ^h 40	22 ^h 40	16 ^h 47	23 ^h 55	24 ^h 58	0 ^h 4	18 ^h 38	F 11
S 12	23 26 35	19 ^h 55'09	8 ^h 42	15 ^h 17	14 ^h 33	1 ^h 40	15 ^h 22	28 ^h 22	6 ^h 38	22 ^h 39	16 ^h 48	23 ^h 54	24 ^h 55	0 ^h 11	18 ^h 35	S 12
S 13	23 30 32	20 ^h 53'29	20 ^h 40	16 ^h 31	15 ^h 44	2 ^h 20	15 ^h 32	28 ^h 18	6 ^h 35	22 ^h 37	16 ^h 48	23 ^h 50	24 ^h 51	0 ^h 17	18 ^h 33	S 13
M14	23 34 28	21 ^h 51'51	2 ^h 47	17 ^h 43	16 ^h 56	2 ^h 59	15 ^h 42	28 ^h 13	6 ^h 33	22 ^h 36	16 ^h 49	23 ^h 46	24 ^h 48	0 ^h 24	18 ^h 31	M14
T 15	23 38 25	22 ^h 50'15	15 ^h 7	18 ^h 53	18 ^h 7	3 ^h 39	15 ^h 53	28 ^h 9	6 ^h 31	22 ^h 34	16 ^h 50	23 ^h 41	24 ^h 45	0 ^h 31	18 ^h 28	T 15
W16	23 42 21	23 ^h 48'41	27 ^h 41	20 ^h 0	19 ^h 19	4 ^h 19	16 ^h 3	28 ^h 4	6 ^h 28	22 ^h 33	16 ^h 51	23 ^h 36	24 ^h 42	0 ^h 37	18 ^h 26	W16
T 17	23 46 18	24 ^h 47'09	10 ^h 31	21 ^h 6	20 ^h 30	4 ^h 59	16 ^h 13	27 ^h 59	6 ^h 26	22 ^h 32	16 ^h 51	23 ^h 31	24 ^h 39	0 ^h 44	18 ^h 23	T 17
F 18	23 50 14	25 ^h 45'38	23 ^h 38	22 ^h 10	21 ^h 42	5 ^h 39	16 ^h 24	27 ^h 55	6 ^h 24	22 ^h 30	16 ^h 52	23 ^h 28	24 ^h 36	0 ^h 51	18 ^h 21	F 18
S 19	23 54 11	26 ^h 44'10	7 ^h 0	23 ^h 11	22 ^h 54	6 ^h 19	16 ^h 34	27 ^h 50	6 ^h 22	22 ^h 29	16 ^h 53	23 ^h 25	24 ^h 32	0 ^h 58	18 ^h 18	S 19
S 20	23 58 7	27 ^h 42'43	20 ^h 35	24 ^h 10	24 ^h 6	6 ^h 59	16 ^h 45	27 ^h 45	6 ^h 20	22 ^h 28	16 ^h 53	23 ^h 24	24 ^h 29	1 ^h 4	18 ^h 16	S 20
M21	0 2 4	28 ^h 41'19	4 ^h 22	25 ^h 7	25 ^h 18	7 ^h 40	16 ^h 55	27 ^h 41	6 ^h 17	22 ^h 27	16 ^h 54	23 ^h 25	24 ^h 26	1 ^h 11	18 ^h 13	M21
T 22	0 6 0	29 ^h 39'56	18 ^h 19	26 ^h 0	26 ^h 30	8 ^h 20	17 ^h 6	27 ^h 36	6 ^h 15	22 ^h 25	16 ^h 54	23 ^h 26	24 ^h 23	1 ^h 18	18 ^h 10	T 22
W23	0 9 57	0 ^h 38'35	2 ^h 2	26 ^h 50	27 ^h 42	9 ^h 1	17 ^h 17	27 ^h 31	6 ^h 13	22 ^h 24	16 ^h 55	23 ^h 27	24 ^h 20	1 ^h 24	18 ^h 8	W23
T 24	0 13 54	1 ^h 37'15	16 ^h 31	27 ^h 37	28 ^h 54	9 ^h 42	17 ^h 28	27 ^h 27	6 ^h 11	22 ^h 23	16 ^h 56	23 ^h 28	24 ^h 16	1 ^h 31	18 ^h 5	T 24
F 25	0 17 50	2 ^h 35'57	0 ^h 43	28 ^h 20	0 ^h 7	10 ^h 23	17 ^h 39	27 ^h 22	6 ^h 9	22 ^h 22	16 ^h 56	23 ^h 29	24 ^h 13	1 ^h 38	18 ^h 3	F 25
S 26	0 21 47	3 ^h 34'41	14 ^h 55	29 ^h 0	1 ^h 19	11 ^h 4	17 ^h 50	27 ^h 17	6 ^h 7	22 ^h 21	16 ^h 57	23 ^h 29	24 ^h 10	1 ^h 45	18 ^h 0	S 26
S 27	0 25 43	4 ^h 33'27	29 ^h 7	29 ^h 35	2 ^h 31	11 ^h 45	18 ^h 1	27 ^h 13	6 ^h 5	22 ^h 20	16 ^h 57	23 ^h 27	24 ^h 7	1 ^h 51	17 ^h 57	S 27
M28	0 29 40	5 ^h 32'14	13 ^h 14	0 ^h 6	3 ^h 44	12 ^h 26	18 ^h 13	27 ^h 8	6 ^h 3	22 ^h 18	16 ^h 58	23 ^h 25	24 ^h 4	1 ^h 58	17 ^h 55	M28
T 29	0 33 36	6 ^h 31'03	27 ^h 14	0 ^h 32	4 ^h 56	13 ^h 8	18 ^h 24	27 ^h 4	6 ^h 1	22 ^h 17	16 ^h 58	23 ^h 23	24 ^h 1	2 ^h 5	17 ^h 52	T 29
W30	0 37 33	7 ^h 29'53	11 ^h 4	0 ^h 52	6 ^h 7	13 ^h 49	18 ^h 35	26 ^h 59	5 ^h 59	22 ^h 16	16 ^h 58	23 ^h 21	23 ^h 57	2 ^h 51	17 ^h 49	W30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	8n 5	20s 3	4s43	0s 9	0s 6	19n15	0s33	20s19	1s28	15s 3	0n55	2s34	2s26	9s40	0s48	14s 9	0s18	20n15	2s 9	9n22	9n51	28n 1	9n 5	1n47			
W 2	7 44	14 36	4 4	0 52	0 14	19 3	0 30	20 29	1 28	15 6	0 55	2 35	2 26	9 41	0 48	14 10	0 18	20 15	2 9	9 20	9 50	28 2	9 4	1 47			
T 3	7 22	8 29	3 11	1 34	0 22	18 50	0 26	20 38	1 28	15 9	0 54	2 37	2 26	9 42	0 48	14 10	0 18	20 15	2 9	9 17	9 49	28 2	9 3	1 47			
F 4	7 0	2 6	2 7	2 16	0 31	18 37	0 23	20 48	1 29	15 12	0 54	2 39	2 26	9 42	0 48	14 11	0 18	20 15	2 9	9 16	9 48	28 3	9 2	1 47			
S 5	6 37	4n13	0 59	2 58	0 39	18 23	0 19	20 57	1 29	15 15	0 54	2 41	2 27	9 43	0 48	14 11	0 18	20 15	2 9	9 15	9 46	28 3	9 1	1 47			
S 6	6 15	10 12	0n11	3 39	0 47	18 8	0 16	21 6	1 29	15 17	0 54	2 43	2 27	9 44	0 48	14 12	0 19	20 15	2 9	9 15	9 45	28 3	9 1	1 47			
M 7	5 53	15 36	1 19	4 20	0 56	17 54	0 12	21 15	1 30	15 20	0 54	2 45	2 27	9 45	0 48	14 12	0 19	20 15	2 9	9 15	9 44	28 4	9 0	1 47			
T 8	5 30	20 15	2 22	4 59	1 4	17 38	0 9	21 24	1 30	15 23	0 54	2 46	2 27	9 46	0 48	14 13	0 19	20 14	2 9	9 16	9 43	28 4	8 59	1 47			
W 9	5 8	23 58	3 17	5 39	1 13	17 22	0 5	21 33	1 30	15 26	0 53	2 48	2 27	9 47	0 48	14 13	0 19	20 14	2 9	9 16	9 42	28 5	8 58	1 47			
T 10	4 45	26 35	4 3	6 17	1 21	17 6	0 2	21 41	1 31	15 29	0 53	2 50	2 27	9 48	0 48	14 14	0 19	20 14	2 9	9 17	9 41	28 5	8 57	1 47			
F 11	4 22	28 0	4 38	6 55	1 30	16 49	0n 1	21 50	1 31	15 32	0 53	2 52	2 27	9 49	0 48	14 14	0 19	20 14	2 9	9 16	9 39	28 5	8 56	1 47			
S 12	3 59	28 8	5 1	7 32	1 38	16 32	0 5	21 58	1 31	15 35	0 53	2 54	2 27	9 49	0 48	14 15	0 19	20 14	2 9	9 16	9 38	28 6	8 55	1 47			
S 13	3 36	26 57	5 11	8 8	1 47	16 14	0 8	22 6	1 32	15 38	0 53	2 56	2 27	9 50	0 48	14 15	0 19	20 14	2 9	9 15	9 37	28 6	8 54	1 47			
M14	3 13	24 31	5 8	8 43	1 55	15 56	0 11	22 14	1 32	15 42	0 52	2 58	2 27	9 51	0 48	14 16	0 19	20 14	2 9	9 13	9 36	28 6	8 53	1 47			
T 15	2 50	20 55	4 50	9 17	2 3	15 37	0 14	22 22	1 32	15 45	0 52	3 0	2 28	9 52	0 48	14 16	0 19	20 14	2 9	9 11	9 35	28 7	8 52	1 47			
W16	2 27	16 19	4 19	9 51	2 12	15 18	0 18	22 30	1 32	15 48	0 52	3 2	2 28	9 53	0 48	14 17	0 19	20 14	2 9	9 9	9 34	28 7	8 52	1 47			
T 17	2 4	10 54	3 33	10 23	2 20	14 58	0 21	22 38	1 33	15 51	0 52	3 3	2 28	9 54	0 48	14 17	0 19	20 14	2 9	9 8	9 32	28 7	8 51	1 46			
F 18	1 41	4 55	2 36	10 54	2 28	14 38	0 24	22 45	1 33	15 54	0 52	3 5	2 28	9 54	0 48	14 18	0 19	20 14	2 9	9 6	9 31	28 8	8 50	1 46			
S 19	1 18	1s25	1 29	11 24	2 35	14 18	0 27	22 52	1 33	15 57	0 52	3 7	2 28	9 55	0 48	14 18	0 19	20 14	2 9	9 5	9 30	28 8	8 49	1 46			
S 20	0 55	7 48	0 15	11 53	2 43	13 57	0 30	22 59	1 33	16 0	0 51	3 9	2 28	9 56	0 48	14 18	0 19	20 14	2 9	9 5	9 29	28 8	8 48	1 46			
M21	0 31	13 54	1s 0	12 21	2 50	13 36	0 33	23 6	1 33	16 3	0 51	3 11	2 28	9 57	0 48	14 19	0 19	20 13	2 9	9 5	9 28	28 9	8 47	1 46			
T 22	0 8	19 23	2 13	12 47	2 57	13 14	0 36	23 13	1 34	16 7	0 51	3 13	2 28	9 57	0 48	14 19	0 19	20 13	2 9	9 6	9 27	28 9	8 46	1 46			
W23	0s15	23 51	3 18	13 11	3 4	12 52	0 38	23 20	1 34	16 10	0 51	3 15	2 28	9 58	0 48	14 20	0 19	20 13	2 9	9 6	9 25	28 9	8 44	1 46			
T 24	0 39	26 55	4 12	13 34	3 10	12 29	0 41	23 26	1 34	16 13	0 51	3 17	2 28	9 59	0 48	14 20	0 19	20 13	2 9	9 7	9 24	28 9	8 43	1 46			
F 25	1 2	28 16	4 51	13 55	3 16	12 7	0 44	23 32	1 34	16 16	0 51	3 18	2 28	10 0	0 48	14 20	0 19	20 13	2 9	9 7	9 23	28 10	8 42	1 46			
S 26	1 25	27 45	5 11	14 15	3 21	11 43	0 47	23 38	1 34	16 20	0 50	3 20	2 28	10 0	0 48	14 21	0 19	20 13	2 9	9 7	9 22	28 10	8 41	1 46			
S 27	1 49	25 26	5 13	14 32	3 26	11 20	0 49	23 44	1 34	16 23	0 50	3 22	2 28	10 1	0 48	14 21	0 19	20 13	2 9	9 6	9 21	28 10	8 40	1 46			
M28	2 12	21 34	4 56	14 47	3 31	10 56	0 52	23 50	1 35	16 26	0 50	3 24	2 28	10 2	0 48	14 21	0 19	20 13	2 9	9 5	9 20	28 10	8 39	1 46			
T 29	2 35	16 31	4 22	14 59	3 34	10 32	0 54	23 55	1 35	16 29	0 50	3 26	2 28	10 3	0 48	14 22	0 19	20 13	2 9	9 5	9 18	28 11	8 38	1 46			
W30	2s58	10s41	3s22	15s 9	3s37	10n 7	0n57	24s 1	1s35	16s33	0n50	3s28	2s28	10s 3	0s48	14s22	0s19	20n13	2s 9	9n 4	9n17	28n11	8n37	1n46			

ASTRODIENST EPHEMERIS for the year 2172
geocentric

OCTOBER 2172

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 41 29	8♂28'46	24♂41	1♂ 7	7♂22	14♂31	18♂47	26°R55	5°R57	22°R15	16♂59	23°R19	23°Y54	2♂18	17°R46	T 1
F 2	0 45 26	9°27'40	8°Y 3	1°15	8°35	15°13	18°58	26♂50	5♂55	22♂14	16°59	23°Y18	23°51	2°25	17°Y44	F 2
S 3	0 49 23	10°26'36	21° 9	1°R17	9°48	15°55	19°10	26°46	5°53	22°13	17° 0	23°D17	23°48	2°32	17°41	S 3
S 4	0 53 19	11°25'35	3♂57	1°12	11° 0	16°37	19°22	26°41	5°52	22°12	17° 0	23°18	23°45	2°38	17°38	S 4
M 5	0 57 16	12°24'35	16°29	1° 0	12°13	17°19	19°33	26°37	5°50	22°12	17° 0	23°18	23°42	2°45	17°35	M 5
T 6	1 1 12	13°23'38	28°46	0°40	13°27	18° 1	19°45	26°33	5°48	22°11	17° 0	23°19	23°38	2°52	17°33	T 6
W 7	1 5 9	14°22'43	10♂52	0°13	14°40	18°43	19°57	26°28	5°46	22°10	17° 1	23°20	23°35	2°58	17°30	W 7
T 8	1 9 5	15°21'50	22°48	29♂37	15°53	19°25	20° 9	26°24	5°45	22° 9	17° 1	23°21	23°32	3° 5	17°27	T 8
F 9	1 13 2	16°21'00	4♂41	28°54	17° 6	20° 8	20°21	26°20	5°43	22° 8	17° 1	23°22	23°29	3°12	17°24	F 9
S 10	1 16 58	17°20'12	16°34	28° 3	18°20	20°50	20°33	26°16	5°41	22° 7	17° 1	23°R22	23°26	3°19	17°22	S 10
S 11	1 20 55	18°19'26	28°32	27° 6	19°33	21°33	20°45	26°11	5°40	22° 7	17° 1	23°22	23°22	3°25	17°19	S 11
M12	1 24 52	19°18'43	10♂39	26° 2	20°47	22°16	20°57	26° 7	5°38	22° 6	17° 2	23°21	23°19	3°32	17°16	M12
T 13	1 28 48	20°18'01	23° 0	24°55	22° 0	22°59	21° 9	26° 3	5°37	22° 5	17° 2	23°21	23°16	3°39	17°13	T 13
W14	1 32 45	21°17'22	5♂39	23°44	23°14	23°42	21°22	25°59	5°35	22° 5	17° 2	23°21	23°13	3°45	17°11	W14
T 15	1 36 41	22°16'45	18°37	22°32	24°27	24°25	21°34	25°55	5°34	22° 4	17° 2	23°21	23°10	3°52	17° 8	T 15
F 16	1 40 38	23°16'11	1♂57	21°20	25°41	25° 8	21°46	25°52	5°33	22° 3	17° 2	23°D20	23° 7	3°59	17° 5	F 16
S 17	1 44 34	24°15'38	15°37	20°12	26°55	25°51	21°59	25°48	5°31	22° 3	17°R 2	23°21	23° 3	4° 6	17° 2	S 17
S 18	1 48 31	25°15'08	29°37	19° 8	28° 9	26°34	22°11	25°44	5°30	22° 2	17° 2	23°R21	23° 0	4°12	16°59	S 18
M19	1 52 27	26°14'39	13♂51	18°11	29°23	27°18	22°24	25°40	5°29	22° 2	17° 2	23°20	22°57	4°19	16°57	M19
T 20	1 56 24	27°14'13	28°16	17°22	0♂37	28° 1	22°36	25°37	5°27	22° 1	17° 2	23°20	22°54	4°26	16°54	T 20
W21	2 0 21	28°13'49	12♂46	16°43	1°50	28°45	22°49	25°33	5°26	22° 1	17° 2	23°20	22°51	4°32	16°51	W21
T 22	2 4 17	29°13'26	27°16	16°14	3° 5	29°29	23° 1	25°30	5°25	22° 1	17° 2	23°19	22°48	4°39	16°49	T 22
F 23	2 8 14	0♂13'05	11♂41	15°57	4°19	0♂12	23°14	25°26	5°24	22° 0	17° 1	23°18	22°44	4°46	16°46	F 23
S 24	2 12 10	1°12'46	25°56	15°D50	5°33	0°56	23°27	25°23	5°23	22° 0	17° 1	23°D18	22°41	4°53	16°43	S 24
S 25	2 16 7	2°12'28	10♂1	15°55	6°47	1°40	23°40	25°20	5°22	22° 0	17° 1	23°18	22°38	4°59	16°41	S 25
M26	2 20 3	3°12'12	23°52	16°11	8° 1	2°24	23°52	25°17	5°21	21°59	17° 1	23°19	22°35	5° 6	16°38	M26
T 27	2 24 0	4°11'58	7♂30	16°37	9°15	3° 8	24° 5	25°14	5°20	21°59	17° 1	23°19	22°32	5°13	16°35	T 27
W28	2 27 56	5°11'45	20°54	17°12	10°30	3°53	24°18	25°11	5°19	21°59	17° 0	23°21	22°28	5°19	16°33	W28
T 29	2 31 53	6°11'34	4°Y 5	17°56	11°44	4°37	24°31	25° 8	5°19	21°59	17° 0	23°22	22°25	5°26	16°30	T 29
F 30	2 35 50	7°11'25	17° 3	18°48	12°58	5°21	24°44	25° 5	5°18	21°59	17° 0	23°R22	22°22	5°33	16°28	F 30
S 31	2 39 46	8♂11'17	29°Y48	19♂47	14♂13	6♂ 6	24♂57	25♂ 2	5♂17	21♂58	17♂ 0	23°Y22	22°Y19	5♂40	16°Y25	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	3s22	4s26	2s31	15s17	3s39	9n43	0n59	24s 6	1s35	16s36	0n50	3s29	2s28	10s 4	0s48	14s22
F 2	3 45	1n55	1 23	15 21	3 41	9 18	1 1	24 10	1 35	16 39	0 50	3 31	2 28	10 5	0 48	14 23
S 3	4 8	8 4	0 12	15 22	3 41	8 52	1 3	24 15	1 35	16 42	0 49	3 33	2 28	10 5	0 48	14 23
S 4	4 31	13 45	0n59	15 19	3 40	8 27	1 6	24 19	1 35	16 46	0 49	3 35	2 28	10 6	0 48	14 23
M 5	4 54	18 45	2 5	15 12	3 37	8 1	1 8	24 24	1 35	16 49	0 49	3 36	2 28	10 7	0 48	14 24
T 6	5 17	22 52	3 4	15 2	3 33	7 35	1 10	24 28	1 35	16 52	0 49	3 38	2 28	10 7	0 48	14 24
W 7	5 40	25 55	3 54	14 47	3 28	7 8	1 12	24 31	1 35	16 56	0 49	3 40	2 28	10 8	0 48	14 24
T 8	6 3	27 46	4 33	14 28	3 21	6 42	1 14	24 35	1 35	16 59	0 49	3 41	2 28	10 8	0 48	14 25
F 9	6 25	28 20	5 0	14 4	3 12	6 15	1 15	24 38	1 35	17 2	0 49	3 43	2 28	10 9	0 48	14 25
S 10	6 48	27 36	5 15	13 36	3 1	5 48	1 17	24 41	1 35	17 6	0 49	3 45	2 28	10 10	0 48	14 25
S 11	7 11	25 35	5 16	13 3	2 49	5 20	1 19	24 44	1 35	17 9	0 48	3 46	2 27	10 10	0 48	14 25
M12	7 33	22 24	5 3	12 27	2 34	4 53	1 20	24 47	1 35	17 12	0 48	3 48	2 27	10 11	0 48	14 26
T 13	7 56	18 10	4 36	11 47	2 18	4 25	1 22	24 49	1 35	17 15	0 48	3 49	2 27	10 11	0 48	14 26
W14	8 18	13 4	3 55	11 4	2 1	3 58	1 23	24 51	1 35	17 19	0 48	3 51	2 27	10 12	0 48	14 26
T 15	8 40	7 16	3 1	10 20	1 42	3 30	1 25	24 53	1 35	17 22	0 48	3 52	2 27	10 12	0 48	14 26
F 16	9 2	1 0	1 56	9 35	1 22	3 2	1 26	24 55	1 35	17 25	0 48	3 54	2 27	10 13	0 48	14 26
S 17	9 24	5s29	0 43	8 50	1 1	2 34	1 27	24 56	1 35	17 29	0 48	3 55	2 27	10 13	0 48	14 27
S 18	9 46	11 52	0s35	8 7	0 41	2 5	1 28	24 58	1 35	17 32	0 48	3 56	2 27	10 14	0 48	14 27
M19	10 7	17 45	1 51	7 26	0 20	1 37	1 29	24 59	1 35	17 35	0 47	3 58	2 27	10 14	0 48	14 27
T 20	10 29	22 43	3 2	6 49	0 0	1 9	1 30	24 59	1 35	17 39	0 47	3 59	2 27	10 14	0 48	14 27
W21	10 50	26 18	4 1	6 17	0n19	0 40	1 31	25 0	1 35	17 42	0 47	4 0	2 27	10 15	0 48	14 27
T 22	11 11	28 8	4 45	5 49	0 36	0 11	1 32	25 0	1 35	17 45	0 47	4 2	2 26	10 15	0 48	14 27
F 23	11 32	28 3	5 10	5 27	0 53	0s17	1 33	25 0	1 35	17 49	0 47	4 3	2 26	10 16	0 48	14 27
S 24	11 53	26 7	5 16	5 11	1 7	0 46	1 34	25 0	1 35	17 52	0 47	4 4	2 26	10 16	0 47	14 28
S 25	12 14	22 35	5 3	5 1	1 21	1 15	1 34	24 59	1 34	17 55	0 47	4 5	2 26	10 16	0 47	14 28
M26	12 34	17 51	4 33	4 57	1 32	1 43	1 35	24 58	1 34	17 58	0 47	4 6	2 26	10 17	0 47	14 28
T 27	12 55	12 16	3 47	4 57	1 42	2 12	1 35	24 57	1 34	18 2	0 47	4 8	2 26	10 17	0 47	14 28
W28	13 15	6 13	2 50	5 3	1 50	2 41	1 36	24 56	1 34	18 5	0 46	4 9	2 26	10 17	0 47	14 28
T 29	13 34	0n 1	1 45	5 14	1 57	3 10	1 36	24 54	1 34	18 8	0 46	4 10	2 26	10 17	0 47	14 28
F 30	13 54	6 9	0 35	5 29	2 2	3 38	1 36	24 52	1 34	18 11	0 46	4 11	2 25	10 18	0 47	14 28
S 31	14s13	11n57	0n35	5s48	2n 6	4s 7	1n37	24s50	1s34	18s14	0n46	4s12	2s25	10s18	0s47	14s28

Julian Day Number = 2514640.5, Delta T = 138.67 sec
Ecliptic obliquity = 23°25'10, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'15, Lahiri = 26°16'16

ASTRODIENST EPHEMERIS for the year 2172

geocentric

NOVEMBER 2172

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 43 43	9♉11'12	12♈21	20♊52	15♊27	6♈50	25♉10	24°R59	5°R16	21°R58	16°R59	23°R21	22°Y16	5♉46	16°R23	S 1	
M 2	2 47 39	10°11'09	24°42	22° 3	16°42	7°35	25°23	24°H57	5°H16	21°H58	16°H59	23°Y20	22°13	5°53	16°Y20	M 2	
T 3	2 51 36	11°11'07	6♈53	23°18	17°56	8°19	25°36	24°54	5°15	21°D58	16°58	23°17	22° 9	6° 0	16°18	T 3	
W 4	2 55 32	12°11'08	18°55	24°37	19°11	9° 4	25°49	24°52	5°15	21°58	16°58	23°14	22° 6	6° 6	16°15	W 4	
T 5	2 59 29	13°11'10	0♉50	25°59	20°25	9°49	26° 2	24°50	5°14	21°58	16°58	23°11	22° 3	6°13	16°13	T 5	
F 6	3 3 25	14°11'15	12°42	27°24	21°40	10°33	26°15	24°47	5°14	21°59	16°57	23° 8	22° 0	6°20	16°10	F 6	
S 7	3 7 22	15°11'21	24°34	28°52	22°55	11°18	26°28	24°45	5°13	21°59	16°57	23° 5	21°57	6°27	16° 8	S 7	
S 8	3 11 19	16°11'30	6♊30	0♉21	24° 9	12° 3	26°42	24°43	5°13	21°59	16°56	23° 4	21°54	6°33	16° 6	S 8	
M 9	3 15 15	17°11'41	18°34	1°53	25°24	12°48	26°55	24°41	5°13	21°59	16°56	23°D 3	21°50	6°40	16° 3	M 9	
T 10	3 19 12	18°11'54	0♈52	3°25	26°39	13°33	27° 8	24°39	5°13	21°59	16°55	23° 4	21°47	6°47	16° 1	T 10	
W11	3 23 8	19°12'08	13°27	4°58	27°54	14°19	27°21	24°38	5°12	22° 0	16°55	23° 5	21°44	6°53	15°59	W11	
T 12	3 27 5	20°12'25	26°24	6°33	29° 9	15° 4	27°34	24°36	5°12	22° 0	16°54	23° 7	21°41	7° 0	15°57	T 12	
F 13	3 31 1	21°12'44	9♊46	8° 8	0♉24	15°49	27°48	24°35	5°12	22° 0	16°53	23° 9	21°38	7° 7	15°55	F 13	
S 14	3 34 58	22°13'04	23°34	9°43	1°38	16°34	28° 1	24°33	5°D12	22° 1	16°53	23°R 9	21°34	7°14	15°52	S 14	
S 15	3 38 54	23°13'27	7♉48	11°19	2°53	17°20	28°14	24°32	5°12	22° 1	16°52	23° 8	21°31	7°20	15°50	S 15	
M16	3 42 51	24°13'51	22°24	12°55	4° 8	18° 5	28°27	24°31	5°12	22° 1	16°51	23° 6	21°28	7°27	15°48	M16	
T 17	3 46 48	25°14'17	7♈15	14°31	5°23	18°51	28°41	24°29	5°13	22° 2	16°51	23° 2	21°25	7°34	15°46	T 17	
W18	3 50 44	26°14'45	22°13	16° 7	6°38	19°36	28°54	24°28	5°13	22° 2	16°50	22°57	21°22	7°41	15°44	W18	
T 19	3 54 41	27°15'14	7♈10	17°43	7°53	20°22	29° 7	24°28	5°13	22° 3	16°49	22°52	21°19	7°47	15°42	T 19	
F 20	3 58 37	28°15'44	21°56	19°19	9° 8	21° 8	29°21	24°27	5°13	22° 4	16°49	22°47	21°15	7°54	15°41	F 20	
S 21	4 2 34	29°16'16	6♊27	20°55	10°24	21°53	29°34	24°26	5°14	22° 4	16°48	22°44	21°12	8° 1	15°39	S 21	
S 22	4 6 30	0♈16'49	20°37	22°31	11°39	22°39	29°47	24°25	5°14	22° 5	16°47	22°42	21° 9	8° 7	15°37	S 22	
M23	4 10 27	1°17'23	4♈25	24° 6	12°54	23°25	0♈ 1	24°25	5°14	22° 5	16°46	22°D42	21° 6	8°14	15°35	M23	
T 24	4 14 23	2°17'58	17°53	25°42	14° 9	24°11	0°14	24°25	5°15	22° 6	16°45	22°42	21° 3	8°21	15°34	T 24	
W25	4 18 20	3°18'34	1°Y 1	27°18	15°24	24°57	0°27	24°24	5°16	22° 7	16°45	22°44	21° 0	8°28	15°32	W25	
T 26	4 22 17	4°19'12	13°52	28°53	16°39	25°43	0°41	24°24	5°16	22° 8	16°44	22°45	20°56	8°34	15°30	T 26	
F 27	4 26 13	5°19'50	26°30	0♈28	17°54	26°29	0°54	24°D24	5°17	22° 8	16°43	22°R46	20°53	8°41	15°29	F 27	
S 28	4 30 10	6°20'30	8♈56	2° 3	19°10	27°15	1° 7	24°24	5°17	22° 9	16°42	22°44	20°50	8°48	15°27	S 28	
S 29	4 34 6	7°21'11	21°13	3°38	20°25	28° 1	1°21	24°24	5°18	22°10	16°41	22°40	20°47	8°54	15°26	S 29	
M30	4 38 3	8♈21'54	3♈22	5♈13	21♉40	28♈47	1♈34	24°H25	5°H19	22°H11	16°H40	22°Y35	20°Y44	9♈ 1	15°Y24	M30	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s33	17n10	1n43	6s10	2n 8	4s36	1n37	24s48	1s33	18s18	0n46	4s13	2s25	10s18	0s47	14s28	S 1
M 2	14 52	21 35	2 44	6 35	2 9	5 4	1 37	24 45	1 33	18 21	0 46	4 13	2 25	10 18	0 47	14 28	M 2
T 3	15 10	25 1	3 37	7 2	2 10	5 33	1 37	24 42	1 33	18 24	0 46	4 14	2 25	10 18	0 47	14 28	T 3
W 4	15 29	27 16	4 20	7 32	2 9	6 1	1 36	24 39	1 33	18 27	0 46	4 15	2 25	10 19	0 47	14 28	W 4
T 5	15 47	28 16	4 51	8 3	2 8	6 29	1 36	24 36	1 32	18 30	0 46	4 16	2 24	10 19	0 47	14 28	T 5
F 6	16 5	27 56	5 9	8 35	2 5	6 57	1 36	24 32	1 32	18 34	0 46	4 17	2 24	10 19	0 47	14 28	F 6
S 7	16 23	26 20	5 14	9 9	2 2	7 25	1 36	24 28	1 32	18 37	0 46	4 17	2 24	10 19	0 47	14 28	S 7
S 8	16 40	23 34	5 6	9 44	1 59	7 53	1 35	24 24	1 32	18 40	0 45	4 18	2 24	10 19	0 47	14 28	S 8
M 9	16 57	19 44	4 44	10 19	1 55	8 21	1 35	24 19	1 32	18 43	0 45	4 19	2 24	10 19	0 47	14 28	M 9
T 10	17 14	15 2	4 9	10 55	1 50	8 48	1 34	24 15	1 31	18 46	0 45	4 19	2 24	10 19	0 47	14 28	T 10
W11	17 31	9 35	3 21	11 31	1 45	9 16	1 34	24 10	1 31	18 49	0 45	4 20	2 23	10 19	0 47	14 28	W11
T 12	17 47	3 36	2 21	12 7	1 40	9 43	1 33	24 4	1 31	18 52	0 45	4 20	2 23	10 19	0 47	14 28	T 12
F 13	18 3	2s45	1 13	12 43	1 34	10 10	1 32	23 59	1 30	18 55	0 45	4 21	2 23	10 19	0 47	14 27	F 13
S 14	18 18	9 11	0s 2	13 19	1 29	10 36	1 31	23 53	1 30	18 58	0 45	4 21	2 23	10 19	0 47	14 27	S 14
S 15	18 34	15 21	1 19	13 54	1 22	11 3	1 30	23 47	1 30	19 1	0 45	4 21	2 23	10 19	0 47	14 27	S 15
M16	18 49	20 49	2 33	14 29	1 16	11 29	1 29	23 41	1 30	19 4	0 45	4 22	2 22	10 19	0 47	14 27	M16
T 17	19 3	25 5	3 38	15 4	1 10	11 55	1 28	23 34	1 29	19 7	0 45	4 22	2 22	10 19	0 47	14 27	T 17
W18	19 18	27 39	4 28	15 38	1 3	12 21	1 27	23 27	1 29	19 10	0 45	4 22	2 22	10 19	0 47	14 27	W18
T 19	19 32	28 13	4 59	16 12	0 56	12 46	1 26	23 20	1 29	19 13	0 45	4 22	2 22	10 19	0 47	14 27	T 19
F 20	19 45	26 45	5 11	16 45	0 50	13 11	1 25	23 13	1 28	19 16	0 45	4 22	2 22	10 19	0 46	14 26	F 20
S 21	19 59	23 31	5 2	17 17	0 43	13 36	1 24	23 5	1 28	19 19	0 44	4 22	2 22	10 18	0 46	14 26	S 21
S 22	20 12	18 57	4 35	17 48	0 36	14 0	1 22	22 57	1 27	19 22	0 44	4 23	2 21	10 18	0 46	14 26	S 22
M23	20 24	13 29	3 52	18 19	0 29	14 25	1 21	22 49	1 27	19 25	0 44	4 23	2 21	10 18	0 46	14 26	M23
T 24	20 36	7 31	2 58	18 49	0 22	14 48	1 20	22 41	1 27	19 28	0 44	4 23	2 21	10 18	0 46	14 26	T 24
W25	20 48	1 22	1 55	19 18	0 15	15 12	1 18	22 32	1 26	19 31	0 44	4 22	2 21	10 18	0 46	14 25	W25
T 26	20 59	4n44	0 48	19 45	0 8	15 35	1 16	22 23	1 26	19 33	0 44	4 22	2 20	10 17	0 46	14 25	T 26
F 27	21 10	10 32	0n20	20 12	0 1	15 57	1 15	22 14	1 26	19 36	0 44	4 22	2 20	10 17	0 46	14 25	F 27
S 28	21 21	15 50	1 26	20 39	0s 5	16 19	1 13	22 5	1 25	19 39	0 44	4 22	2 20	10 17	0 46	14 24	S 28
S 29	21 31	20 25	2 28	21 4	0 12	16 41	1 12	21 56	1 25	19 42	0 44	4 22	2 20	10 16	0 46	14 24	S 29
M30	21s41	24n 6	3n21	21s28	0s19	17s 3	1n10	21s46	1s24	19s44	0n44	4s21	2s20	10s16	0s46	14s24	M30

Julian Day Number = 2514671.5, Delta T = 138.73 sec

Ecliptic obliquity = 23°25'09, Nutation = - 0°00'08, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 27°09'20, Lahiri = 26°16'20

ASTRODIENST EPHEMERIS for the year 2172
geocentric

DECEMBER 2172

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 41 59	9♌22'37	15♊24	6♋47	22♍55	29♏33	1♊47	24♋25	5♌20	22♎12	16♏R39	22♏R27	20♏40	9♏8	15♏R23	T 1
W 2	4 45 56	10°23'22	27°22	8°22	24°10	0♌19	2° 0	24°25	5°21	22°13	16♏38	22♏Y17	20°37	9°15	15♏Y22	W 2
T 3	4 49 53	11°24'09	9♏15	9°56	25°26	1° 6	2°14	24°26	5°22	22°14	16°37	22° 7	20°34	9°21	15°20	T 3
F 4	4 53 49	12°24'56	21° 7	11°31	26°41	1°52	2°27	24°27	5°23	22°15	16°36	21°58	20°31	9°28	15°19	F 4
S 5	4 57 46	13°25'45	2♏59	13° 5	27°56	2°38	2°40	24°27	5°24	22°16	16°35	21°49	20°28	9°35	15°18	S 5
S 6	5 1 42	14°26'35	14°54	14°39	29°12	3°24	2°53	24°28	5°25	22°17	16°34	21°43	20°25	9°42	15°17	S 6
M 7	5 5 39	15°27'27	26°56	16°13	0♌27	4°11	3° 7	24°29	5°26	22°18	16°33	21°38	20°21	9°48	15°16	M 7
T 8	5 9 35	16°28'19	9♏9	17°47	1°42	4°57	3°20	24°30	5°27	22°20	16°32	21°36	20°18	9°55	15°15	T 8
W 9	5 13 32	17°29'14	21°38	19°22	2°58	5°44	3°33	24°32	5°28	22°21	16°31	21°D36	20°15	10° 2	15°14	W 9
T 10	5 17 28	18°30'09	4♌28	20°56	4°13	6°30	3°46	24°33	5°30	22°22	16°30	21°37	20°12	10° 8	15°13	T 10
F 11	5 21 25	19°31'05	17°43	22°30	5°28	7°17	3°59	24°34	5°31	22°23	16°29	21°R37	20° 9	10°15	15°12	F 11
S 12	5 25 22	20°32'03	1♌26	24° 4	6°44	8° 3	4°12	24°36	5°33	22°24	16°28	21°37	20° 6	10°22	15°11	S 12
S 13	5 29 18	21°33'02	15°39	25°39	7°59	8°50	4°25	24°38	5°34	22°26	16°27	21°35	20° 2	10°29	15°10	S 13
M14	5 33 15	22°34'02	0♌19	27°13	9°15	9°36	4°38	24°39	5°35	22°27	16°26	21°30	19°59	10°35	15°10	M14
T 15	5 37 11	23°35'04	15°21	28°47	10°30	10°23	4°51	24°41	5°37	22°28	16°24	21°22	19°56	10°42	15° 9	T 15
W16	5 41 8	24°36'06	0♌37	0♌22	11°45	11°10	5° 4	24°43	5°39	22°30	16°23	21°13	19°53	10°49	15° 9	W16
T 17	5 45 4	25°37'09	15°55	1°57	13° 1	11°56	5°17	24°45	5°40	22°31	16°22	21° 3	19°50	10°55	15° 8	T 17
F 18	5 49 1	26°38'12	1♌4	3°31	14°16	12°43	5°30	24°47	5°42	22°33	16°21	20°53	19°46	11° 2	15° 8	F 18
S 19	5 52 57	27°39'16	15°54	5° 6	15°32	13°30	5°43	24°50	5°44	22°34	16°20	20°45	19°43	11° 9	15° 7	S 19
S 20	5 56 54	28°40'20	0♌19	6°41	16°47	14°17	5°56	24°52	5°45	22°36	16°19	20°39	19°40	11°16	15° 7	S 20
M21	6 0 51	29°41'25	14°17	8°16	18° 3	15° 3	6° 9	24°55	5°47	22°37	16°17	20°36	19°37	11°22	15° 6	M21
T 22	6 4 47	0♌42'29	27°46	9°51	19°18	15°50	6°22	24°57	5°49	22°39	16°16	20°D35	19°34	11°29	15° 6	T 22
W23	6 8 44	1°43'34	10♏Y51	11°26	20°33	16°37	6°34	25° 0	5°51	22°40	16°15	20°35	19°31	11°36	15° 6	W23
T 24	6 12 40	2°44'40	23°35	13° 1	21°49	17°24	6°47	25° 3	5°53	22°42	16°14	20°R35	19°27	11°43	15° 6	T 24
F 25	6 16 37	3°45'45	6♌1	14°37	23° 4	18°11	7° 0	25° 6	5°55	22°44	16°13	20°34	19°24	11°49	15° 6	F 25
S 26	6 20 33	4°46'51	18°15	16°12	24°20	18°57	7°12	25° 9	5°57	22°45	16°11	20°31	19°21	11°56	15°D 6	S 26
S 27	6 24 30	5°47'57	0♌21	17°47	25°35	19°44	7°25	25°12	5°59	22°47	16°10	20°25	19°18	12° 3	15° 6	S 27
M28	6 28 26	6°49'03	12°20	19°22	26°51	20°31	7°37	25°15	6° 1	22°49	16° 9	20°16	19°15	12° 9	15° 6	M28
T 29	6 32 23	7°50'10	24°15	20°56	28° 6	21°18	7°50	25°18	6° 3	22°50	16° 8	20° 4	19°12	12°16	15° 6	T 29
W30	6 36 20	8°51'16	6♌8	22°31	29°22	22° 5	8° 2	25°21	6° 5	22°52	16° 6	19°50	19° 8	12°23	15° 6	W30
T 31	6 40 16	9♌52'23	18♏1	24♌5	0♌37	22♎52	8♌14	25♋25	6♌8	22♎54	16♏5	19♏Y35	19♏Y 5	12♏30	15♏Y 7	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	21s50	26n41	4n 5	21s50	0s25	17s23	1n 8	21s36	1s24	19s47	0n44	4s21	2s19	10s16	0s46	14s24
W 2	21 59	28 1	4 38	22 12	0 32	17 44	1 6	21 25	1 23	19 50	0 44	4 21	2 19	10 15	0 46	14 23
T 3	22 8	28 3	4 58	22 33	0 38	18 4	1 4	21 15	1 23	19 52	0 44	4 20	2 19	10 15	0 46	14 23
F 4	22 16	26 48	5 6	22 53	0 45	18 23	1 2	21 4	1 23	19 55	0 44	4 20	2 19	10 15	0 46	14 23
S 5	22 24	24 20	5 0	23 11	0 51	18 42	1 0	20 53	1 22	19 58	0 44	4 19	2 19	10 14	0 46	14 22
S 6	22 31	20 50	4 41	23 29	0 57	19 1	0 58	20 42	1 22	20 0	0 44	4 19	2 18	10 14	0 46	14 22
M 7	22 38	16 27	4 10	23 45	1 3	19 19	0 56	20 31	1 21	20 3	0 44	4 18	2 18	10 13	0 46	14 22
T 8	22 44	11 20	3 27	24 0	1 8	19 36	0 54	20 19	1 21	20 5	0 44	4 17	2 18	10 13	0 46	14 21
W 9	22 50	5 40	2 33	24 13	1 14	19 53	0 52	20 7	1 20	20 8	0 44	4 17	2 18	10 12	0 46	14 21
T 10	22 55	0s23	1 31	24 26	1 19	20 9	0 50	19 55	1 20	20 10	0 43	4 16	2 18	10 12	0 46	14 20
F 11	23 0	6 37	0 21	24 37	1 24	20 25	0 48	19 43	1 19	20 13	0 43	4 15	2 17	10 11	0 46	14 20
S 12	23 5	12 47	0s52	24 46	1 29	20 40	0 46	19 30	1 19	20 15	0 43	4 15	2 17	10 11	0 46	14 20
S 13	23 9	18 30	2 5	24 55	1 34	20 54	0 43	19 18	1 18	20 18	0 43	4 14	2 17	10 10	0 46	14 19
M14	23 13	23 19	3 11	25 2	1 39	21 8	0 41	19 5	1 18	20 20	0 43	4 13	2 17	10 10	0 46	14 19
T 15	23 16	26 41	4 6	25 8	1 43	21 22	0 39	18 52	1 17	20 23	0 43	4 12	2 17	10 9	0 46	14 18
W16	23 19	28 9	4 44	25 12	1 47	21 34	0 37	18 38	1 17	20 25	0 43	4 11	2 16	10 8	0 45	14 18
T 17	23 21	27 28	5 1	25 15	1 51	21 47	0 34	18 25	1 16	20 27	0 43	4 10	2 16	10 8	0 45	14 17
F 18	23 23	24 45	4 58	25 17	1 55	21 58	0 32	18 11	1 16	20 30	0 43	4 9	2 16	10 7	0 45	14 17
S 19	23 24	20 25	4 34	25 17	1 58	22 9	0 29	17 57	1 15	20 32	0 43	4 8	2 16	10 6	0 45	14 16
S 20	23 25	14 59	3 54	25 16	2 1	22 19	0 27	17 43	1 15	20 34	0 43	4 7	2 16	10 6	0 45	14 16
M21	23 25	8 57	3 0	25 13	2 4	22 28	0 25	17 29	1 14	20 36	0 43	4 5	2 15	10 5	0 45	14 15
T 22	23 25	2 41	1 58	25 9	2 6	22 37	0 22	17 15	1 13	20 39	0 43	4 4	2 15	10 4	0 45	14 15
W23	23 24	3n30	0 51	25 3	2 8	22 45	0 20	17 0	1 13	20 41	0 43	4 3	2 15	10 4	0 45	14 14
T 24	23 23	9 24	0n16	24 56	2 10	22 53	0 17	16 45	1 12	20 43	0 43	4 2	2 15	10 3	0 45	14 14
F 25	23 22	14 47	1 21	24 47	2 11	22 59	0 15	16 30	1 12	20 45	0 43	4 0	2 14	10 2	0 45	14 13
S 26	23 20	19 30	2 21	24 37	2 12	23 5	0 13	16 15	1 11	20 47	0 43	3 59	2 14	10 1	0 45	14 13
S 27	23 18	23 22	3 14	24 25	2 12	23 11	0 10	16 0	1 11	20 49	0 43	3 58	2 14	10 1	0 45	14 12
M28	23 15	26 10	3 57	24 12	2 12	23 15	0 8	15 45	1 10	20 51	0 43	3 56	2 14	10 0	0 45	14 12
T 29	23 11	27 47	4 30	23 57	2 11	23 19	0 5	15 29	1 9	20 53	0 43	3 55	2 14	9 59	0 45	14 11
W30	23 7	28 7	4 51	23 41	2 10	23 22	0 3	15 13	1 9	20 55	0 43	3 53	2 14	9 58	0 45	14 11
T 31	23s 3	27n 9	4n59	23s23	2s 9	23s25	0n 0	14s58	1s 8	20s57	0n43	3s52	2s13	9s57	0s45	14s10

Julian Day Number = 2514701.5, Delta T = 138.80 sec
Ecliptic obliquity = 23°25'08, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°09'24, Lahiri = 26°16'24