

Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ♀/♀, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains planetary data for January 1988.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains planetary data for January 1988.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains planetary data for January 1988.

Delta T = 55.82 sec.

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Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ♀/♀, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains planetary data for February 1988.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains planetary data for February 1988.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains planetary data for February 1988.

Delta T = 55.86 sec.

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Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ♀/♀, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains astronomical data for March 1988.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains astronomical data for March 1988.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains astronomical data for March 1988.

Delta T = 55.90 sec.

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Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ♀/♀, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains astronomical data for April 1988.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains astronomical data for April 1988.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains astronomical data for April 1988.

Delta T = 55.94 sec.

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

Day	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	Day
S 1	16♂54	21♀41	19♀27	2♂30	27♂31	26♂47	1♀27	2♂0	6♂47	29♂9	24♂10	23♂26	28♂6	28♂39	3♂26	S 1		
M 2	17 53	22 39	20 6	2 56	27 49	27 5	1 45	2 18	7 4	29 36	24 29	23 45	28 25	28 58	3 44	M 2		
T 3	18 51	23 36	20 44	3 22	28 6	27 23	2 3	2 36	7 21	0♀3	24 48	24 4	28 45	29 17	4 2	T 3		
W 4	19 48	24 32	21 21	3 46	28 23	27 40	2 20	2 52	7 37	0 30	25 6	24 23	29 4	29 36	4 20	W 4		
T 5	20 43	25 26	21 58	4 10	28 38	27 56	2 37	3 8	7 52	0 57	25 25	24 42	29 24	29 55	4 39	T 5		
F 6	21 36	26 19	22 34	4 34	28 53	28 11	2 53	3 24	8 7	1 24	25 44	25 1	29 43	0♂14	4 57	F 6		
S 7	22 28	27 11	23 9	4 56	29 8	28 26	3 8	3 38	8 20	1 51	26 2	25 20	0♂2	0 33	5 15	S 7		
S 8	23 19	28 0	23 43	5 18	29 21	28 40	3 22	3 52	8 34	2 18	26 21	25 39	0 22	0 52	5 33	S 8		
M 9	24 7	28 48	24 17	5 39	29 34	28 53	3 36	4 5	8 46	2 45	26 39	25 58	0 41	1 10	5 51	M 9		
T 10	24 54	29 34	24 50	6 0	29 46	29 5	3 48	4 17	8 57	3 11	26 57	26 17	1 0	1 29	6 9	T 10		
W 11	25 39	0♂19	25 22	6 19	29 57	29 17	4 0	4 29	9 8	3 38	27 16	26 36	1 19	1 48	6 27	W 11		
T 12	26 23	1 1	25 53	6 38	0♀7	29 27	4 11	4 40	9 18	4 5	27 34	26 55	1 38	2 7	6 45	T 12		
F 13	27 4	1 42	26 23	6 55	0 16	29 37	4 21	4 49	9 27	4 32	27 52	27 13	1 58	2 26	7 3	F 13		
S 14	27 44	2 20	26 52	7 12	0 24	29 46	4 30	4 58	9 35	4 58	28 10	27 32	2 17	2 44	7 21	S 14		
S 15	28 21	2 57	27 20	7 28	0 31	29 54	4 39	5 6	9 42	5 25	28 28	27 51	2 36	3 3	7 39	S 15		
M 16	28 57	3 32	27 47	7 43	0 37	0♀0	4 46	5 13	9 48	5 51	28 46	28 9	2 55	3 22	7 57	M 16		
T 17	29 30	4 5	28 13	7 57	0 42	0 6	4 52	5 19	9 53	6 18	29 4	28 28	3 13	3 40	8 15	T 17		
W 18	0♂2	4 36	28 38	8 9	0 47	0 11	4 57	5 24	9 57	6 44	29 22	28 46	3 32	3 59	8 33	W 18		
T 19	0 31	5 5	29 2	8 21	0 50	0 15	5 1	5 27	10 1	7 11	29 39	29 4	3 51	4 17	8 50	T 19		
F 20	0 59	5 31	29 25	8 32	0 51	0♂17	5 4	5 30	10 2	7 37	29 57	29 23	4 10	4 36	9 8	F 20		
S 21	1 24	5 56	29 47	8 41	0 52	0 18	5 6	5 32	10 3	8 3	0♂15	29 41	4 28	4 54	9 26	S 21		
S 22	1 48	6 18	0♂7	8 49	0 52	0 19	5 7	5 32	10 3	8 30	0 32	29 59	4 47	5 13	9 43	S 22		
M 23	2 9	6 38	0 27	8 56	0 50	0 18	5 6	5 32	10 1	8 56	0 49	0♂17	5 6	5 31	10 1	M 23		
T 24	2 27	6 56	0 45	9 2	0 47	0 16	5 4	5 30	9 59	9 22	1 7	0 35	5 24	5 49	10 18	T 24		
W 25	2 44	7 12	1 1	9 7	0 43	0 12	5 2	5 27	9 55	9 48	1 24	0 53	5 43	6 8	10 36	W 25		
T 26	2 58	7 25	1 17	9 10	0 37	0 8	5 2	5 22	9 50	10 14	1 41	1 11	6 1	6 26	10 53	T 26		
F 27	3 10	7 37	1 31	9 13	0 31	0 2	4 52	5 17	9 43	10 40	1 58	1 29	6 19	6 44	11 11	F 27		
S 28	3 20	7 45	1 44	9 14	0 23	29♂55	4 45	5 10	9 36	11 6	2 15	1 47	6 38	7 2	11 28	S 28		
S 29	3 27	7 52	1 56	9 13	0 14	29 46	4 38	5 2	9 27	11 32	2 32	2 5	6 56	7 21	11 45	S 29		
M 30	3 32	7 56	2 6	9 12	0 3	29 37	4 28	4 53	9 17	11 58	2 49	2 23	7 14	7 39	12 3	M 30		
T 31	3♂35	7♂58	2♂15	9♂9	29♂52	29♂26	4♀18	4♂43	9♂6	12♀23	3♂6	2♂40	7♂32	7♂57	12♂20	T 31		
Day	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	Day	

Day	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	♀/♂	Day
S 1	7♂13	6♂29	11♂9	11♂42	16♀29	1♂30	6♂10	6♂43	11♂30	5♂26	5♂59	10♂46	10♂39	15♂26	15♂59	S 1		
W 4	7 32	6 49	11 30	12 1	16 46	1 25	6 6	6 38	11 22	5 23	5 54	10 39	10 35	15 20	15 52	W 4		
S 7	7 50	7 8	11 50	12 20	17 3	1 19	6 1	6 32	11 14	5 19	5 50	10 32	10 32	15 14	15 44	S 7		
T 10	8 7	7 27	12 10	12 39	17 19	1 13	5 56	6 25	11 5	5 16	5 45	10 25	10 28	15 8	15 37	T 10		
F 13	8 25	7 46	12 30	12 58	17 36	1 6	5 51	6 19	10 56	5 12	5 40	10 18	10 24	15 2	15 30	F 13		
M 16	8 41	8 5	12 50	13 17	17 52	0 59	5 45	6 12	10 47	5 8	5 35	10 10	10 20	14 56	15 23	M 16		
T 19	8 58	8 23	13 10	13 36	18 9	0 52	5 38	6 4	10 37	5 3	5 29	10 2	10 16	14 49	15 15	T 19		
S 22	9 14</																	

Day	☉/♀	☉/♀	☉/♂	☉/♃	☉/♄	☉/♅	☉/♆	☉/♇	☉/♈	☉/♉	☉/♊	☉/♋	☉/♌	☉/♍	☉/♎	☉/♏	Day
W 1	18II45	19II42	23V25	0II 7	20K41	20K16	25K 9	25Ω33	29V55	27II43	1B27	8II 9	28K43	28K18	3V10	W 1	
T 2	19 13	19 59	24 12	0 43	21 8	20 44	25 37	26 1	0B22	27 30	1 44	8 15	28 40	28 16	3 9	T 2	
F 3	19 38	20 14	25 0	1 18	21 34	21 11	26 5	26 29	0 50	27 14	1 59	8 18	28 34	28 11	3 4	F 3	
S 4	20 1	20 29	25 47	1 54	22 1	21 39	26 33	26 57	1 17	26 55	2 12	8 19	28 26	28 4	2 58	S 4	
S 5	20 22	20 43	26 34	2 30	22 28	22 6	27 1	27 25	1 44	26 32	2 23	8 19	28 17	27 56	2 50	S 5	
M 6	20 41	20 56	27 21	3 5	22 54	22 34	27 29	27 53	2 11	26 7	2 32	8 16	28 5	27 45	2 40	M 6	
T 7	20 59	21 9	28 8	3 41	23 21	23 2	27 57	28 21	2 38	25 40	2 39	8 11	27 52	27 33	2 28	T 7	
W 8	21 15	21 20	28 55	4 16	23 47	23 29	28 25	28 49	3 5	25 10	2 45	8 6	27 37	27 19	2 14	W 8	
T 9	21 29	21 31	29 42	4 51	24 14	23 57	28 53	29 18	3 32	24 38	2 49	7 58	27 21	27 3	1 59	T 9	
F 10	21 43	21 42	0B29	5 27	24 41	24 24	29 21	29 46	3 59	24 5	2 52	7 50	27 3	26 47	1 43	F 10	
S 11	21 56	21 52	1 16	6 2	25 7	24 52	29 48	0M14	4 26	23 30	2 54	7 40	26 45	26 30	1 27	S 11	
S 12	22 8	22 2	2 2	6 38	25 34	25 19	0V16	0 42	4 54	22 55	2 55	7 31	26 27	26 12	1 9	S 12	
M 13	22 20	22 12	2 49	7 13	26 0	25 46	0 44	1 10	5 21	22 20	2 56	7 20	26 7	25 54	0 52	M 13	
T 14	22 31	22 22	3 36	7 48	26 27	26 14	1 12	1 38	5 48	21 44	2 57	7 10	25 48	25 36	0 34	T 14	
W 15	22 44	22 32	4 22	8 23	26 53	26 41	1 40	2 6	6 15	21 9	2 59	7 0	25 30	25 18	0 17	W 15	
T 16	22 56	22 42	5 8	8 59	27 19	27 9	2 8	2 34	6 42	20 34	3 0	6 51	25 12	25 1	0 0	T 16	
F 17	23 10	22 53	5 54	9 34	27 46	27 36	2 36	3 2	7 9	20 1	3 3	6 42	24 54	24 45	29K44	F 17	
S 18	23 24	23 4	6 40	10 9	28 12	28 4	3 4	3 31	7 36	19 30	3 6	6 35	24 38	24 29	29 29	S 18	
S 19	23 40	23 16	7 26	10 44	28 39	28 31	3 32	3 59	8 3	19 0	3 11	6 28	24 23	24 15	29 16	S 19	
M 20	23 58	23 28	8 12	11 19	29 5	28 59	3 59	4 27	8 30	18 32	3 17	6 24	24 10	24 3	29 4	M 20	
T 21	24 17	23 41	8 58	11 54	29M32	29M26	4 27	4 55	8 57	18 7	3 25	6 21	23 58	23 52	28 54	T 21	
W 22	24 38	23 55	9 44	12 29	29 58	29 53	4 55	5 23	9 24	17 45	3 34	6 20	23 48	23 44	28 45	W 22	
T 23	25 1	24 10	10 29	13 4	0A24	0A21	5 23	5 51	9 51	17 26	3 46	6 21	23 41	23 37	28 39	T 23	
F 24	25 27	24 25	11 15	13 39	0 51	0 48	5 51	6 20	10 18	17 10	3 59	6 24	23 35	23 33	28 35	F 24	
S 25	25 54	24 42	12 0	14 14	1 17	1 16	6 19	6 48	10 45	16 57	4 15	6 29	23 32	23 30	28 33	S 25	
S 26	26 24	25 0	12 45	14 49	1 44	1 43	6 46	7 16	11 12	16 48	4 33	6 37	23 31	23 30	28 34	S 26	
M 27	26 56	25 19	13 30	15 24	2 10	2 10	7 14	7 44	11 39	16 42	4 53	6 46	23 33	23 33	28 37	M 27	
T 28	27 31	25 39	14 15	15 59	2 36	2 38	7 42	8 12	12 6	16 39	5 15	6 59	23 36	23 38	28 42	T 28	
W 29	28 8	26 1	15 0	16 34	3 3	3 5	8 10	8 41	12 33	16 40	5 40	7 13	23 43	23 45	28 50	W 29	
T 30	28II48	26II23	15B45	17II 8	3A29	3A32	8V37	9M 9	13B 0	16II45	6B 7	7II30	23K52	23K55	29K 0	T 30	
Day	☉/♀	☉/♀	☉/♂	☉/♃	☉/♄	☉/♅	☉/♆	☉/♇	☉/♈	☉/♉	☉/♊	☉/♋	☉/♌	☉/♍	☉/♎	☉/♏	Day

Day	♀/♁	♀/♂	♀/♃	♀/♄	♀/♅	♀/♆	♀/♇	♀/♈	♀/♉	♀/♊	♀/♋	♀/♌	♀/♍	♀/♎	♀/♏	Day
W 1	3M35	7B57	2B23	9II 6	29K39	29K14	4V 7	4M31	8B54	12V49	3A23	2A58	7A50	8B15	12K37	W 1
T 2	3 33	7 54	2 30	9 1	29 25	29 2	3 54	4 19	8 40	13 14	3 39	3 15	8 8	8 33	12 54	T 2
F 3	3 29	7 49	2 36	8 55	29 11	28 48	3 41	4 5	8 26	13 40	3 56	3 33	8 26	8 51	13 11	F 3
S 4	3 23	7 42	2 41	8 48	28 55	28 33	3 26	3 51	8 10	14 5	4 12	3 50	8 44	9 9	13 28	S 4
S 5	3 14	7 33	2 44	8 40	28 38	28 17	3 11	3 35	7 54	14 31	4 29	4 8	9 2	9 26	13 45	S 5
M 6	3 4	7 22	2 47	8 31	28 20	28 0	2 54	3 19	7 37	14 56	4 45	4 25	9 19	9 44	14 2	M 6
T 7	2 52	7 9	2 49	8 21	28 2	27 42	2 37	3 2	7 19	15 21	5 1	4 42	9 37	10 2	14 18	T 7
W 8	2 39	6 55	2 50	8 11	27 42	27 24	2 20	2 44	7 0	15 46	5 17	4 59	9 55	10 19	14 35	W 8
T 9	2 24	6 39	2 51	8 0	27 23	27 5	2 1	2 26	6 41	16 11	5 34	5 16	10 12	10 37	14 52	T 9
F 10	2 9	6 22	2 51	7 49	27 2	26 46	1 42	2 8	6 21	16 36	5 50	5 33	10 30	10 55	15 8	F 10
S 11	1 52	6 5	2 51	7 37	26 42	26 26	1 23	1 48	6 1	17 1	6 5	5 50	10 47	11 12	15 25	S 11
S 12	1 35	5 46	2 50	7 25	26 21	26 6	1 4	1 29	5 41	17 25	6 21	6 7	11 4	11 29	15 41	S 12
M 13	1 17	5 28	2 49	7 13	26 0	25 46	0 44	1 10	5 21	17 50	6 37	6 23	11 21	11 47	15 57	M 13
T 14	1 0	5 10	2 48	7 1	25 39	25 27	0 25	0 51	5 0	18 14	6 53	6 40	11 38	12 4	16 14	T 14
W 15	0 43	4 51	2 47	6 49	25 18	25 7	0 5	0 31	4 40	18 39	7 8	6 56	11 55	12 21	16 30	W 15
T 16	0 26	4 34	2 46	6 37	24 58	24 47	29K46	0 12	4 20	19 3	7 23	7 13	12 12	12 38	16 46	T 16
F 17	0 11	4 17	2 46	6 25	24 37	24 28	29 27	29Ω54	4 0	19 27	7 39	7 29	12 29	12 55	17 2	F 17
S 18	29Ω56	4 2	2 46	6 14	24 18	24 9	29 9	29 36	3 41	19 51	7 54	7 45	12 45	13 12	17 18	S 18
S 19	29 43	3 47	2 46	6 4	23 58	23 51	28 51	29 18	3 23	20 15	8 9	8 2	13 2	13 29	17 33	S 19
M 20	29 31	3 35	2 47	5 54	23 40	23 33	28 34	29 1	3 5	20 38	8 24	8 18	13 18	13 46	17 49	M 20
T 21	29 21	3 24	2 48	5 45	23 22	23 16	28 18	28 45	2 48	21 2	8 39	8 33	13 35	14 3	18 5	T 21
W 22	29 14	3 14	2 51	5 36	23 5	23 0	28 2	28 30	2 31	21 25	8 54	8 49	13 51	14 19	18 20	W 22
T 23	29 8	3 7	2 54	5 29	22 49	22 45	27 47	28 16	2 16	21 49	9 9	9 5	14 7	14 36	18 35	T 23
F 24	29 4	3 3	2 58	5 22	22 34	22 31	27 34	28 3	2 1	22 12	9 23	9 21	14 23	14 52	18 51	F 24
S 25	29 3	3 0	3 3	5 17	22 20	22 18	27 21	27 50	1 48	22 35	9 38	9 36	14 39	15 8	19 6	S 25
S 26	29 3	3 0	3 9	5 12	22 7	22 6	27 10	27 39	1 36	22 58	9 52	9 51	14 55	15 24	19 21	S 26
M 27	29 7	3 2	3 15	5 9	21 55	21 55	26 59	27 29	1 24	23 20	10 6	10 7	15 11	15 41	19 36	M 27
T 28	29 12	3 6	3 23	5 7	21 45	21 46	26 50	27 20	1 14	23 43	10 21	10 22	15 26	15 57	19 50	T 28
W 29	29 21	3 13	3 32	5 6	21 35	21 37	26 42	27 13	1 5	24 5	10 35	10 37	15 42	16 12	20 5	W 29
T 30	29Ω31	3B23	3B42	5II 6	21K27	21K30	26K35	27Ω 6	0B58	24V28	10A49	10A52	15A57	16B28	20K20	T 30
Day	♀/♁	♀/♂	♀/♃	♀/♄	♀/♅	♀/♆	♀/♇	♀/♈	♀/♉	♀/♊	♀/♋	♀/♌	♀/♍	♀/♎	♀/♏	Day

Day	♃/♄	♃/♅	♃/♆	♃/♇	♃/♈	♃/♉	♃/♊	♃/♋	♃/♌	♃/♍	♃/♎	♃/♏	♃/♐	♃/♑	Day	
W 1	10K 5	9K40	14K33	14Ω57	19V19	0B14	5B 6	5A31	9A53	4B41	5A 6	9A28	9A58	14A21	14B45	W 1
S 4	10 19	9 57	14 51	15 16	19 35	0 4	4 58	5 23	9 42	4 36	5 1	9 20	9 54	14 14	14 38	S 4
T 7	10 33	10 14	15 9	15 34	19 51	29A54	4 50	5 14	9 31	4 30	4 55	9 12	9 50	14 7	14 31	T 7
F 10	10 47	10 31	15 27	15 52	20 6	29 45	4 41	5 6	9 20	4 25	4 50	9 3	9 46	14 0	14 25	F 10
M 13	11 1	10 47	15 45	16 11	20 21	29 34	4 32	4 58	9 8	4 19	4 44	8 55	9 42	13 53	14 18	M 13
T 16	11 14	11 3	16 3	16 29	20 36	29 24	4 23	4 50	8 57	4 13	4 39	8 47	9 38	13 46	14 12	T 16
S 19	11 27	11 19	16 20	16 47	20 51	29 14	4 14	4 41	8 46	4 7	4 34	8 38	9 34	13 39	14 6	S 19
W 22	11 40	11 35	16 37	17 5	21 6	29 4	4 5	4 33	8 34	4 1	4 29	8 30	9 30	13 31	13 59	W 22
S 25	11 52	11 50	16 53	17 22	21 20	28 53	3 56	4 25	8 23	3 55	4 24	8 21	9 27	13 24	13 53	S 25
T 28	12 4	12 5	17 10	17 40	21 34	28 43	3 47	4 18	8 12	3 48	4 19	8 13	9 23	13 17	13 48	T 28
Day																

Main table for July 1988 midpoints, columns 1-16, including Day, ♀/♀, ♀/♂, ♀/♃, ♀/♄, ♀/♅, ♀/♆, ♀/♇, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, ♀/♐, ♀/♑, ♀/♒, ♀/♓, Day.

Main table for July 1988 midpoints, columns 17-32, including Day, ♀/♐, ♀/♑, ♀/♒, ♀/♓, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, ♀/♐, ♀/♑, ♀/♒, ♀/♓, Day.

Main table for July 1988 midpoints, columns 33-48, including Day, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, ♀/♐, ♀/♑, ♀/♒, ♀/♓, Day.

Delta T = 56.06 sec.

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Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♃, ☉/♄, ☉/♅, ☉/♆, ☉/♇, ☉/♈, ♀/♀, ♀/♂, ♀/♃, ♀/♄, ♀/♅, ♀/♆, ♀/♇, Day. Contains astronomical data for August 1988.

Table with 17 columns: Day, ♀/♁, ♀/♂, ♀/♃, ♀/♄, ♀/♅, ♀/♆, ♀/♇, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, Day. Contains astronomical data for August 1988.

Table with 17 columns: Day, ♀/♁, ♀/♂, ♀/♃, ♀/♄, ♀/♅, ♀/♆, ♀/♇, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, Day. Contains astronomical data for August 1988.

Delta T = 56.10 sec.

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Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♂, ☉/♁, ☉/♁, ☉/♁, ☉/♁, ☉/♁, ☉/♁, ♀/♀, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains astronomical data for September 1988.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains astronomical data for September 1988.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains astronomical data for September 1988.

Delta T = 56.14 sec.

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Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ♀/♀, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains 31 rows of astronomical data for October 1988.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains 31 rows of astronomical data for October 1988.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains 31 rows of astronomical data for October 1988.

Delta T = 56.18 sec.

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NOVEMBER 1988

MIDPOINTS 00:00 UT

NOVEMBER 1988

Day	☉/♀	☉/♀	☉/♂	☉/♃	☉/♄	☉/♅	☉/♆	☉/♇	☉/♈	☉/♉	☉/♊	☉/♋	☉/♌	☉/♍	☉/♎	☉/♏	☉/♐	Day
T 1	0♈11	20♌37	19♋23	21♊20	3♏51	3♏34	8♏21	10♈34	9♋54	12♌1	10♋47	12♈44	25♈15	24♈58	29♈45		T 1	
W 2	1 24	21 43	19 54	21 47	4 24	4 6	8 52	11 6	10 23	13 20	11 31	13 23	26 1	25 42	0♏29		W 2	
T 3	2 38	22 49	20 26	22 13	4 57	4 37	9 23	11 37	10 51	14 40	12 17	14 4	26 47	26 27	1 13		T 3	
F 4	3 53	23 56	20 59	22 40	5 30	5 8	9 54	12 8	11 19	16 1	13 4	14 45	27 35	27 14	1 59		F 4	
S 5	5 8	25 2	21 32	23 6	6 2	5 40	10 24	12 39	11 48	17 23	13 53	15 27	28 23	28 1	2 45		S 5	
S 6	6 25	26 9	22 5	23 33	6 35	6 11	10 55	13 11	12 16	18 46	14 42	16 10	29 12	28 48	3 32		S 6	
M 7	7 42	27 15	22 39	23 59	7 8	6 43	11 26	13 42	12 45	20 9	15 33	16 53	0♏2	29 37	4 20		M 7	
T 8	8 59	28 22	23 13	24 26	7 41	7 15	11 57	14 13	13 13	21 33	16 24	17 37	0 52	0♏25	5 8		T 8	
W 9	10 17	29 29	23 47	24 52	8 14	7 46	12 28	14 45	13 42	22 57	17 16	18 20	1 43	1 15	5 56		W 9	
T 10	11 35	0♈35	24 22	25 18	8 47	8 18	12 59	15 16	14 11	24 21	18 8	19 5	2 33	2 4	6 45		T 10	
F 11	12 53	1 42	24 57	25 45	9 20	8 49	13 30	15 47	14 39	25 46	19 1	19 49	3 24	2 53	7 34		F 11	
S 12	14 11	2 49	25 33	26 11	9 54	9 21	14 1	16 19	15 8	27 11	19 54	20 33	4 15	3 43	8 23		S 12	
S 13	15 30	3 56	26 8	26 37	10 27	9 53	14 32	16 50	15 36	28 36	20 48	21 17	5 7	4 33	9 12		S 13	
M 14	16 48	5 3	26 45	27 4	11 0	10 25	15 3	17 22	16 5	0♈1	21 43	22 1	5 58	5 22	10 1		M 14	
T 15	18 7	6 10	27 21	27 30	11 33	10 56	15 34	17 53	16 34	1 26	22 37	22 46	6 49	6 12	10 50		T 15	
W 16	19 25	7 17	27 58	27 56	12 7	11 28	16 5	18 25	17 2	2 51	23 32	23 30	7 40	7 2	11 39		W 16	
T 17	20 43	8 24	28 35	28 22	12 40	12 0	16 36	18 56	17 31	4 15	24 27	24 14	8 32	7 52	12 28		T 17	
F 18	22 2	9 31	29 13	28 48	13 13	12 32	17 7	19 27	18 0	5 40	25 22	24 58	9 23	8 41	13 17		F 18	
S 19	23 20	10 38	29 50	29 15	13 47	13 4	17 38	19 59	18 28	7 5	26 18	25 42	10 14	9 31	14 6		S 19	
S 20	24 38	11 45	0♏29	29 41	14 20	13 35	18 10	20 30	18 57	8 30	27 14	26 26	11 5	10 20	14 55		S 20	
M 21	25 56	12 52	1 7	0♈7	14 54	14 7	18 41	21 2	19 26	9 55	28 9	27 10	11 56	11 10	15 43		M 21	
T 22	27 14	13 59	1 46	0 33	15 27	14 39	19 12	21 33	19 54	11 19	29 6	27 53	12 47	11 59	16 32		T 22	
W 23	28 32	15 7	2 24	0 59	16 1	15 11	19 43	22 5	20 23	12 44	0♏2	28 37	13 38	12 49	17 21		W 23	
T 24	29 50	16 14	3 4	1♏26	16 34	15 43	20 15	22 36	20 52	14 9	0 58	29 20	14 29	13 38	18 9		T 24	
F 25	1♏8	17 21	3 43	1 52	17 8	16 15	20 46	23 8	21 21	15 33	1 55	0♈4	15 20	14 27	18 58		F 25	
S 26	2 26	18 29	4 23	2 18	17 41	16 47	21 17	23 39	21 49	16 58	2 52	0♏47	16 10	15 16	19 46		S 26	
S 27	3 44	19 36	5 3	2 44	18 15	17 19	21 49	24 11	22 18	18 22	3 49	1 31	17 1	16 5	20 35		S 27	
M 28	5 1	20 43	5 43	3 11	18 49	17 51	22 20	24 42	22 47	19 46	4 46	2 14	17 52	16 54	21 23		M 28	
T 29	6 19	21 51	6 24	3 37	19 22	18 23	22 51	25 14	23 16	21 11	5 43	2 57	18 42	17 43	22 11		T 29	
W 30	7♏37	22♈58	7♏4	4♏4	19♏56	18♏55	23♏23	25♈45	23♏44	22♈35	6♏41	3♏40	19♏33	18♏32	22♏59		W 30	
Day	☉/♀	☉/♀	☉/♂	☉/♃	☉/♄	☉/♅	☉/♆	☉/♇	☉/♈	☉/♉	☉/♊	☉/♋	☉/♌	☉/♍	☉/♎	☉/♏	☉/♐	Day

Day	♀/♁	♀/♂	♀/♃	♀/♄	♀/♅	♀/♆	♀/♇	♀/♈	♀/♉	♀/♊	♀/♋	♀/♌	♀/♍	♀/♎	♀/♏	♀/♐	Day
T 1	1♈58	1♋18	1♋13	3♏10	15♈41	15♈24	20♈11	22♌24	21♏44	1♋56	14♏27	14♏10	18♏57	21♋10	20♏30	T 1	
W 2	2 42	1 59	1 50	3 43	16 20	16 2	20 48	23 2	22 19	1 54	14 31	14 13	18 59	21 13	20 30	W 2	
T 3	3 27	2 41	2 29	4 16	16 59	16 39	21 25	23 39	22 53	1 53	14 36	14 16	19 2	21 16	20 30	T 3	
F 4	4 13	3 25	3 7	4 48	17 38	17 17	22 2	24 17	23 28	1 52	14 41	14 20	19 5	21 20	20 31	F 4	
S 5	5 0	4 9	3 47	5 21	18 17	17 55	22 39	24 54	24 3	1 51	14 47	14 24	19 9	21 24	20 32	S 5	
S 6	5 48	4 53	4 26	5 54	18 56	18 33	23 16	25 32	24 38	1 50	14 53	14 29	19 13	21 28	20 34	S 6	
M 7	6 36	5 39	5 6	6 27	19 36	19 10	23 54	26 10	25 12	1 50	14 59	14 34	19 17	21 33	20 36	M 7	
T 8	7 24	6 24	5 47	7 0	20 15	19 48	24 31	26 47	25 47	1 50	15 6	14 39	19 22	21 38	20 38	T 8	
W 9	8 13	7 10	6 27	7 32	20 54	20 26	25 8	27 25	26 22	1 51	15 13	14 45	19 27	21 43	20 41	W 9	
T 10	9 2	7 57	7 9	8 5	21 34	21 4	25 45	28 3	26 57	1 52	15 21	14 51	19 32	21 49	20 44	T 10	
F 11	9 51	8 43	7 50	8 38	22 13	21 42	26 23	28 41	27 32	1 53	15 28	14 57	19 38	21 55	20 47	F 11	
S 12	10 41	9 30	8 32	9 11	22 53	22 21	27 0	29 18	28 7	1 54	15 37	15 4	19 44	22 2	20 51	S 12	
S 13	11 30	10 16	9 14	9 43	23 33	22 59	27 38	29 56	28 42	1 56	15 45	15 11	19 50	22 9	20 55	S 13	
M 14	12 20	11 3	9 57	10 16	24 12	23 37	28 15	0♈34	29 17	1 58	15 54	15 19	19 57	22 16	20 59	M 14	
T 15	13 9	11 50	10 40	10 49	24 52	24 15	28 53	1 12	29 53	2 0	16 4	15 27	20 4	22 24	21 4	T 15	
W 16	13 58	12 36	11 23	11 21	25 32	24 54	29 31	1 50	0♋28	2 3	16 13	15 35	20 12	22 31	21 9	W 16	
T 17	14 48	13 23	12 7	11 54	26 12	25 32	0♏8	2 28	1 3	2 6	16 23	15 43	20 20	22 39	21 14	T 17	
F 18	15 37	14 9	12 51	12 27	26 52	26 10	0 46	3 6	1 38	2 9	16 34	15 52	20 28	22 48	21 20	F 18	
S 19	16 26	14 56	13 36	13 0	27 32	26 49	1 24	3 44	2 13	2 12	16 44	16 1	20 36	22 57	21 26	S 19	
S 20	17 15	15 42	14 20	13 33	28 12	27 27	2 1	4 22	2 49	2 16	16 55	16 11	20 45	23 6	21 32	S 20	
M 21	18 4	16 28	15 5	14 5	28 52	28 6	2 39	5 0	3 24	2 20	17 7	16 20	20 54	23 15	21 39	M 21	
T 22	18 53	17 14	15 50	14 38	29 32	28 44	3 17	5 38	3 59	2 24	17 18	16 30	21 3	23 24	21 45	T 22	
W 23	19 42	18 1	16 36	15 11	0♏12	29 23	3 55	6 16	4 35	2 29	17 30	16 41	21 13	23 34	21 53	W 23	
T 24	20 31	18 47	17 22	15 44	0 52	0♏1	4 33	6 55	5 10	2 34	17 42	16 51	21 23	23 44	22 0	T 24	
F 25	21 20	19 32	18 8	16 17	1 33	0 40	5 11	7 33	5 45	2 39	17 54	17 2	21 33	23 55	22 7	F 25	
S 26	22 8	20 18	18 54	16 50	2 13	1 19	5 49	8 11	6 21	2 44	18 7	17 13	21 43	24 5	22 15	S 26	
S 27	22 57	21 4	19 41	17 23	2 53	1 57	6 27	8 49	6 56	2 50	18 20	17 24	21 54	24 16	22 23	S 27	
M 28	23 45	21 50	20 28	17 56	3 34	2 36	7 5	9 27	7 32	2 55	18 33	17 36	22 4	24 27	22 31	M 28	
T 29	24 34	22 36	21 15	18 29	4 14	3 15	7 43	10 6	8 7	3 1	18 47	17 48	22 16	24 38	22 40	T 29	
W 30	25♈22	23♋21	22♋3	19♌2	4♏54	3♏54	8♏21	10♈44	8♋43	3♋8	19♏0	18♏0	22♏27	24♋50	22♏49	W 30	
Day	♀/♁	♀/♂	♀/♃	♀/♄	♀/♅	♀/♆	♀/♇	♀/♈	♀/♉	♀/♊	♀/♋	♀/♌	♀/♍	♀/♎	♀/♏	♀/♐	Day

Day	♃/♈	♃/♉	♃/♊	♃/♋	♃/♌	♃/♍	♃/♎	♃/♏	♃/♐	♃/♑	♃/♒	♃/♓	♃/♔	♃/♕	♃/♖	♃/♗	Day
T 1	16♏24	16♏7	20♏54	23♌7	22♏27	28♏38	3♋25	5♏38	4♏58	3♋9	5♏22	4♏41	10♏9	9♏28	11♋41	T 1	
F 4	16 12	16 1	20 46	23 1	22 12	28 51	3 36	5 50	5 2	3 15	5 29	4 41	10 14	9 26	11 40	F 4	
M 7	16 20	15 54	20 37	22 53	21 56	29 3	3 46	6 2	5 5	3 21	5 37	4 40	10 20	9 23	11 39	M 7	
T 10	16 17	15 47	20 28	22 46	21 40	29 16	3 57	6 15	5 9	3 28	5 45	4 40	10 26	9 21	11 38	T 10	
S 13	16 14	15 40	20 19	22 38	21 24	29 30	4 9	6 27	5 13	3 35	5 53	4 39	10 32	9 18	11 37	S 13	
W 16	16 11	15 33	20 10	22 29	21 7	29 43	4 20	6 40	5 18	3 42	6 1	4 39	10 38	9 16	11 36	W 16	
S 19	16 9	15 25	20 0	22 21	20 50	29 57	4 32	6 53	5 22	3 49	6 10	4					

Table with 17 columns: Day, ☉/♈, ☉/♉, ☉/♊, ☉/♋, ☉/♌, ☉/♍, ☉/♎, ☉/♏, ☉/♐, ☉/♑, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, ♀/♐, ♀/♑, Day. Contains 31 rows of astronomical data.

Table with 17 columns: Day, ♀/♐, ♀/♑, ♀/♒, ♀/♓, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, ♀/♐, ♀/♑, ♀/♒, ♀/♓, Day. Contains 31 rows of astronomical data.

Table with 17 columns: Day, ♀/♓, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, ♀/♐, ♀/♑, ♀/♒, ♀/♓, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, ♀/♐, ♀/♑, Day. Contains 31 rows of astronomical data.

Delta T = 56.26 sec.

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