

Table with 17 columns: Day, ♁/♂, ♁/♀, ♁/♂, ♁/♃, ♁/♄, ♁/♅, ♁/♆, ♁/♇, ♁/♈, ♁/♉, ♁/♊, ♁/♋, ♁/♌, ♁/♍, ♁/♎, ♁/♏, Day. Contains planetary data for January 1997.

Table with 17 columns: Day, ♁/♂, ♁/♀, ♁/♂, ♁/♃, ♁/♄, ♁/♅, ♁/♆, ♁/♇, ♁/♈, ♁/♉, ♁/♊, ♁/♋, ♁/♌, ♁/♍, ♁/♎, ♁/♏, Day. Contains planetary data for January 1997.

Table with 17 columns: Day, ♁/♂, ♁/♀, ♁/♂, ♁/♃, ♁/♄, ♁/♅, ♁/♆, ♁/♇, ♁/♈, ♁/♉, ♁/♊, ♁/♋, ♁/♌, ♁/♍, ♁/♎, ♁/♏, Day. Contains planetary data for January 1997.

Delta T = 62.30 sec.

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

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

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

Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ♀/♀, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains astronomical data for March 1997.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains astronomical data for March 1997.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains astronomical data for March 1997.

Delta T = 62.41 sec.

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Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ♀/♀, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains 30 rows of astronomical data.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains 30 rows of astronomical data.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains 15 rows of astronomical data.

Delta T = 62.47 sec.

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Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ♀/♀, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Rows 1-31.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Rows 1-31.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Rows 1-31.

Delta T = 62.53 sec.

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Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♃, ☉/♄, ☉/♅, ☉/♆, ☉/♇, ☉/♈, ♀/♀, ♀/♂, ♀/♃, ♀/♄, ♀/♅, ♀/♆, ♀/♇, Day. Contains 30 rows of astronomical data for June 1997.

Table with 17 columns: Day, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, ♀/♐, ♀/♑, ♀/♒, ♀/♓, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, ♀/♐, ♀/♑, ♀/♒, ♀/♓, Day. Contains 30 rows of astronomical data for June 1997.

Table with 17 columns: Day, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, ♀/♐, ♀/♑, ♀/♒, ♀/♓, ♀/♈, ♀/♉, ♀/♊, ♀/♋, ♀/♌, ♀/♍, ♀/♎, ♀/♏, ♀/♐, ♀/♑, ♀/♒, ♀/♓, Day. Contains 30 rows of astronomical data for June 1997.

Delta T = 62.59 sec.

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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 = 62.64 sec.

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Table with 16 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ♀/♀, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains astronomical data for August 1997.

Table with 16 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains astronomical data for August 1997.

Table with 16 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains astronomical data for August 1997.

Delta T = 62.70 sec.

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

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

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

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 = 62.81 sec.

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NOVEMBER 1997

MIDPOINTS 00:00 UT

NOVEMBER 1997

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

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

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

Table with 17 columns: Day, ☉/♀, ☉/♀, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ☉/♂, ♀/♀, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains 31 rows of astronomical data for December 1997.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains 31 rows of astronomical data for December 1997.

Table with 17 columns: Day, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, ♀/♂, Day. Contains 31 rows of astronomical data for December 1997.

Delta T = 62.92 sec.

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